Technical Report
for the
Reef Gold-Copper Prospect

Marathon County, Wisconsin, USA

NI 43-101 TECHNICAL REPORT

Qualified Persons:
Patrick O. Quigley (CPG)

Effective Date: March 10, 2025

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Prepared for

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Conversions of Weights and Measures

1 troy ounce	=	31.1 grams
1 kilogram	=	32.15 troy ounces
1 kilogram	=	2.2046 pounds
1 (metric) tonne	=	1,000 kilograms
1 (metric) tonne	=	2,204.6 pounds
1 (short) ton	=	2,000 pounds
1 (metric) tonne	=	1.1023 (short) tons
1 gram per (metric) tonne (1 g/t)	=	0.02917 troy ounces per (short) ton (opt)
	=	0.03215 troy ounces per (metric) tonne
1 kilometer	=	0.6214 miles
1 hectare	=	2.47 acres
1 meter	=	3.28 feet
1000 ppb	=	1 ppm = 1 g/t (one gram per metric tonne)

Abbreviations

ACNC	American Copper Nickel Company
ASNRI	Areas of Special Natural Resources Interest
AEM	airborne electromagnetic
Ag	silver
AGI	Amax Gold Inc.
ARI	Aquila Resources Inc.
Au	Gold
BV	Bureau Veritas, Mineral Laboratories, USA, Inspectorate America Corporation
Cu	copper
CVG	calculated magnetic vertical gradient data
dB/dt	magnetic field/time domain ratio
EM	electromagnetic
g/t	gram per metric tonne
Geotech	Geotech Ltd.
HLEM	horizontal loop electromagnetic
HMC	Homestake Mining Company
HUC	hydrologic unit code
INPUT	induced pulse transient
IP	induced polarization
Issuer	Green Light Metals Inc.
NCMV	North Central Mineral Ventures
Km	kilometer(s)
Lehmann	E. K. Lehmann and Associates
M	meter(s)
Ma	million years
Mag	magnetics
Max-Min	A type of horizontal loop electromagnetic survey
Mm	Millimeter
MPC	Minerals Processing Corporation Inc.
MRS	Mid-Continent Rift System
NI	National Instrument
Noranda	Noranda Exploration
Pb	lead
ppb	parts per billion
ppm	parts per million
PVB	Penokean Volcanic Belt
QA/QC	quality assurance/quality control
Te	tellurium
TMI	total magnetic intensity
µm	micrometer
UTM	Universal Trans Mercator
Vendor	Aquila Resources, Inc.
VG	visible gold

Abbreviations (continued)

VLF	very low frequency
VMS	volcanogenic massive sulfide
VLEM	vertical loop electromagnetic
VTEM	versatile time domain electromagnetic
WDNR	Wisconsin Department of Natural Resources
Wis. Admin. Code	Wisconsin Administrative Code
Zn	zinc

Photograph of fracture-controlled, native visible gold (VG) grains in a strongly oxidized quartz-vein float sample derived from the paleoweathering profile (saprolite zone) that has developed over the Reef deposit.

1.0 Summary

On October 4, 2021, Green Light Metals Inc. (GLM) closed a transaction to acquire a 100% interest in the Reef Gold Project and other assets located in Wisconsin USA, from Aquila Resources, Inc. (ARI). Upon closing of the transaction, GLM commissioned a maiden, NI 43-101 technical report to be written for the Reef project (Lynott et al, 2022). The report was authored by Jeffrey S. Lynott and Theodore A. Dematties with an effective date of February 11, 2022.

On October 3, 2024 GLM announced that the company had filed an application with the TSX Venture Exchange (the "Exchange") to publicly list the common shares of GLM. At the request of the Exchange, GLM has commissioned an updated technical report to be completed for the Reef project. During GLM's ownership of the Reef project most of the work completed has pertained to maintaining the company's land position and fulfilling initial permitting requirements necessary for conducting future exploration work. No exploration work has been conducted by GLM during their ownership of the project since the effective date of the previous technical report.

The following report serves as an update to the previous technical report completed by Lynott and Dematties in 2022. This report describes and assesses the gold and copper potential of the Reef prospect and provides recommendations for future work to be conducted. The author conducted a review and evaluation of all available geologic, assay-geochemical, land and geophysical databases developed for the Project. Sources for these data and other information include historic reports, maps, and databases prepared by the American Copper Nickel Company (ACNC), Noranda Exploration (Noranda), E.K. Lehmann and Associates (EKL), and more recent geologic information generated by Aquila Resources Inc. (ARI), as well as published literature.

The Reef project is located in rural Easton Township of Marathon County, Wisconsin USA, approximately 19.2 kilometers (12 mi) east of the city of Wausau which is the county seat. GLM controls approximately 433 acres of privately owned mineral and/or surface estates through lease and purchase option agreements that comprise the Reef project. GLM's land holdings cover the Reef prospect, or "core" area where gold-copper mineralization has previously been identified, as well as adjacent, peripheral land parcels. The land block is situated in Township 29 North, Range 9 East, and includes portions of Sections 26, 35 and 36, all in Easton Township.

The Reef prospect is hosted within the ca 1880-1835Ma old Wausau Volcanic complex which is one of three complexes that form the Paleoproterozoic Penokean Volcanic Belt (PVB). Gold mineralization identified thus far at Reef can be broadly classified as "orogenic" and specifically as a shear-zone-hosted, vein-type occurrence.

Exploration in the vicinity of the Reef deposit dates back to the late 19th century when prospectors identified native gold in quartz vein float and possibly outcrop in eastern Marathon County. Modern exploration in the Reef area began in 1970 by several companies focused on exploration for Volcanogenic Massive Sulfide (VMS) deposits. In 1982, Reef Exploration, a joint venture between American Copper Nickel Company (ACNC) and Homestake Mining Company (HMC), began exploring for gold in the Reef area. The joint venture operated from 1982 until 1985 but eventually the project was farmed-out to Noranda. Since that time, Noranda (1985-1987), the Noranda-Amax joint venture (1988-1989) and most recently Aquila Resources (2011-2013),

carried out drilling programs totaling approximately 17,799 meters in 129 diamond drillholes in the Reef and surrounding areas.

Drilling to date at the Reef prospect indicates that the bulk of the identified gold-copper mineralization occurs in eight shallow (~150m vertical depth), relatively thin (1 - 5m,), sheet-like to lensoidal-shaped zones. These mineralized zones are hosted in a sheared, mylonitic granofels unit (gabbro ± basalt protoliths) that may represent a second-order splay related to the regionally extensive Eau Claire deformation zone. Individual mineralized zones are composed of quartz-sulfide veins, stockwork quartz vein breccias, sulfide lamellae in vein selvages, and intervals of sulfide veinlets. Gold occurs dominantly as native grains up to 55μm and less frequently in electrum and gold telluride minerals.

Mineralized zones strike northeast-southwest and have been defined over a strike length of ~450m. Collectively, the zones are expressed as a distinct IP anomaly and the continuity of zones between drillholes has been demonstrated by historic mise-a-la masse surveys. These zones appear to be structurally stacked and dip gently (~30-50 degrees) to the northwest, parallel to foliation in the granofels host unit, and are spatially associated with a swarm of granophyric to porphyritic felsic dikes or sills. The distribution and continuity of gold within individual zones is highly variable. Some of the zones, however, have bonanza gold grades that may occur in "ore shoots", that present an attractive exploration target for future exploration at Reef.

Reef Drilling Campaigns

Company	No. Drillholes	Total Meterage	Years
Reef Exploration	30	4,105	1982-1985
Noranda	18	2,944	1986-1988
Noranda - AGI	39	6,250	1988-1989
Aquila Resources	42	4,500	2011-2012
Totals:	**129**	**17,799**	

A historical resource estimate for Reef was completed by Noranda in 1990 based on approximately 87 drillholes. At a cutoff grade of 0.10 opt (3.43 g/t) and minimum 5-foot (1.52m) thickness, they estimated 119,300 ounces of gold were contained within 454,000 tons at an average grade of 0.308 opt (10.6 g/t) gold and 0.28% copper. Additional gold+/-copper mineralization was identified by Aquila Resources (ARI) in 2011-12 along strike to the southwest of the historic resource, but its relationship to the mineralized zones delineated by Noranda has not been established. Mineralization at Reef remains open in several directions and warrants further exploration.

Historical Resource Estimate (Noranda, 1990)

Company	Tonnage		Uncut Grade	Cut Grade		
Noranda (1989)	Short Tons	454,000	Au (opt)	Au (opt)	Ag (opt)	Cu (%)
			0.308	0.262	0.25	0.28
	Metric Tons	~ 412,000	Au (g/t)	Au (g/t)	Ag (g/t)	Cu (%)
			~ 10.60	~ 9.00	~ 8.60	0.28

This is a historical estimate and **does not comply with CIM Definition Standards on Mineral Resources and Mineral Reserves as required by NI 43-101 and has no comparable resource classification. A qualified person has not done sufficient work to classify the historical estimate as a current mineral resources or mineral reserves. GLM is not treating the historical estimate as current mineral resources or reserves.** The reader is cautioned that the referenced "historical mineral resource" estimates is historical in nature and there is no certainty as to whether further exploration will result in an upgraded or verified mineral resource in accordance with NI 43-101.

Based on a review of Reef exploration data provided by GLM, the author concludes and recommends the following:

- The geological, geochemical, geophysical, and drilling data generated on the property by previous operators is of generally high quality and therefore deemed reliable for an early-stage exploration project.

- ARI made considerable efforts to validate historic drilling data including locating historic drill collars, re-logging and re-assaying historic drillholes. Validation efforts should continue with the objective of incorporating as much historic information as possible into further evaluation of the project.

- Updating the Reef geologic model and establishing ore controls will likely provide additional exploration potential within and beyond the limits of known mineralization.

- Noranda's historic resource estimate was evaluated based on a gold cut-off grade of 0.1opt (3.43 g/t) and was calculated during times of subdued metal prices. Given current gold prices and the amenability of potential open pit mining methods based on the geometry of the deposit, lower gold cut-off grades should be considered to assess the impact on grade, tonnage, and potential project economics.

- A recommended work program includes 1) an initial 1,500m drill program to expand and further define the limits of mineralization and 2) to continue compilation and validation of historical data to further advance the project. The proposed work program is estimated to cost ~$625,000 and a detailed budget is presented in section 26. It is recommended that additional exploration and validation efforts be designed and conducted using industry

standards and best practices under supervision of a qualified person for the purposes of incorporating data into an updated NI 43-101 compliant technical report.

2.0 Introduction

In 2021 GLM acquired a land package that encompasses the Reef prospect area and adjacent parcels all located in Easton Township of Marathon County, Wisconsin, USA. GLMs land holdings consist of approximately 433 acres of privately held surface and mineral rights controlled by lease and option to purchase agreements. For the year 2025, total payments due to surface and/or mineral owners within the Reef project area total $54,857

On October 4, 2021, GLM closed a transaction (the "Transaction") to acquire a 100% interest in the Reef property and other assets located in Wisconsin, USA, from Aquila Resources Inc (ARI). In connection with the Transaction, consideration of C$7,000,000 was paid to ARI in cash and shares. Immediately prior to closing the Transaction, Aquila assigned its interests in the Reef property and other assets to a newly formed, wholly-owned subsidiary called Green Light Wisconsin, LLC (GLW). On closing, a wholly-owned subsidiary of Green Light Metals Inc. (Green Light Metals USA Corporation) acquired GLW.

To the author's knowledge, there are no known impediments preventing legal access to the Reef Properties or any other factors that may affect access, title, or the right or ability to perform work on the Reef Properties.

On October 3, 2024 GLM announced that the company had filed an application with the TSX Venture Exchange (the "Exchange") to publicly list the common shares of GLM. At the request of the Exchange, GLM has commissioned an updated technical report to be completed for the Reef project. During GLM's ownership of the Reef project most of the work completed on the property has pertained to maintaining the company's land position and fulfilling initial permitting requirements necessary for conducting future exploration work. No exploration work has been conducted by GLM during their ownership of the project.

The following report serves as an update to the previous technical report completed by Lynott and Dematties in 2022 (Lynott et al. 2022) and is based upon a review and evaluation of datasets that were compiled during the writing of the initial report. The author has also reviewed relevant data provided by GLM including geologic and exploration data as well as a review of the Issuer's current land status. Based on the author's experience working on the project (2010-2012) and familiarity with historic datasets contained within the GLM provided data, modification and/or additions to the report and or datasets were updated accordingly. However, in many cases the majority and/or entirety of certain sections not requiring additional information, have been taken directly from the 2022 report.

This technical report was prepared following the guidelines of the Canadian Securities Administrations NI 43-101 and Form 43-101F. As a requirement of NI 43-101, the author conducted a site visit in November of 2024 to the Reef property to observe the GLM controlled parcels and past drill sites in the immediate vicinity of the prospect area.

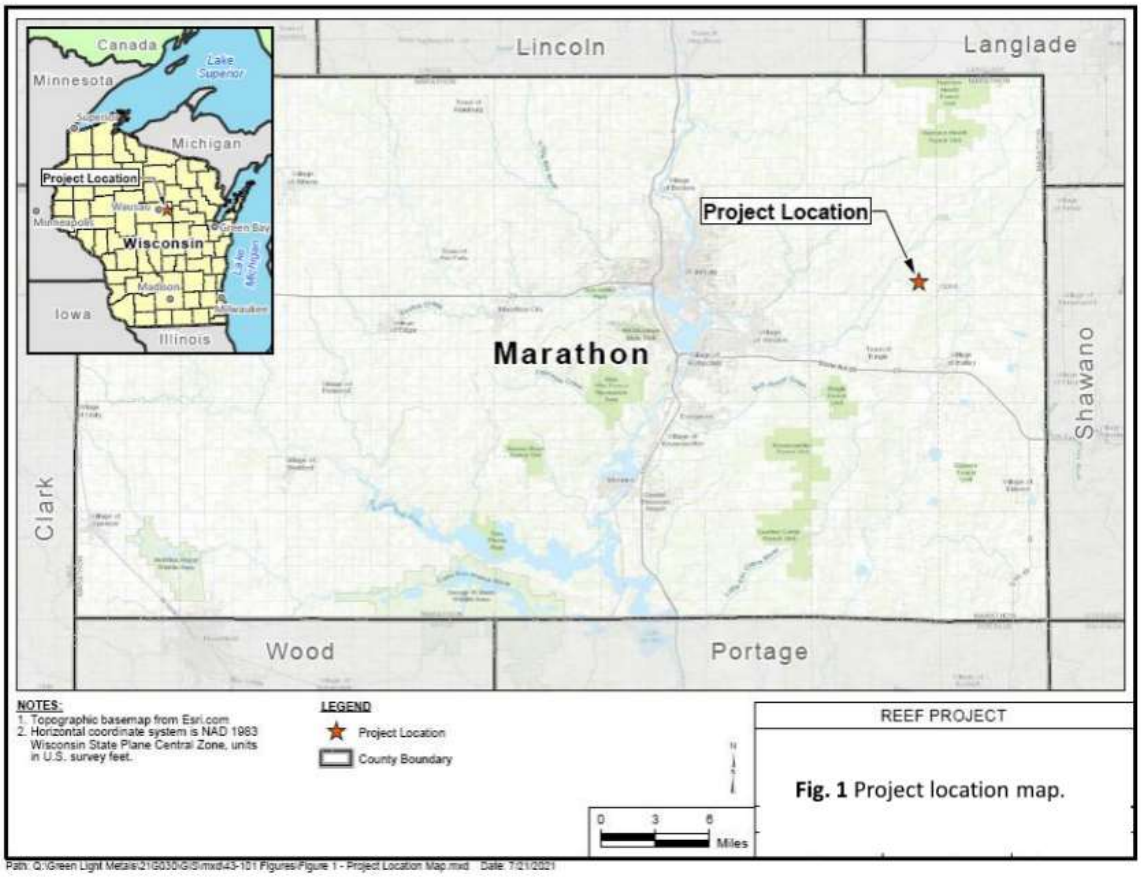


Figure 1. Project Location Map

3.0 Reliance on Other Experts

In preparing this report, the author has relied upon data furnished by GLM, including historical reports prepared by previous operators, a technical report prepared by Lynott and Dematties (2022) titled "An Evaluation of the Reef Gold-Copper Deposit" with an effective date of February 11 2022, and scanned copies of recorded agreements between surface and mineral owners for the purposes of verifying the current land status at the Reef project (Section 4). A supplemental land status summary was prepared by GLM and is presented in Appendix A of this report.

A summary of State and Local permitting requirements was provided by GLM and is presented in Section 24.

4.0 Property Description and Location

The Reef project is located in Easton Township of Marathon County, Wisconsin USA, approximately 19.2 kilometers (12 mi) east of the city of Wausau, the county seat (Figs. 1 and 2). The project is situated in Township 29 North, Range 9 East, and includes portions of Section 26, 35 and 36, all in Easton Township. The Reef prospect is centered at Universal Trans Mercator (UTM) coordinate 313334mE and 4980760mN (NAD 83, Zone 16N).

GLM currently controls 432.61 acres of private surface and/or mineral interests over the Reef project area covering the known extents of gold mineralization and adjacent properties. Figure 2 shows GLM's land position that comprises the Reef project with the locations of individual surface/mineral owners currently under agreement with GLM.

Initial land acquisition activities over the Reef project area were conducted by ARI between 2010 and 2011 with the majority of land acquisitions being kept current through 2021 by either maintaining, amending or executing new agreements. On October 1, 2021, as part of the transaction in which GLM acquired a 100% interest in the Reef Gold Project from ARI, ARI assigned all rights under their active agreements to Green Light Wisconsin LLC through an 'Assignment and Assumption Agreement' for surface and mineral owners covering the Reef Property. All Assignment and Assumption Agreements were subsequently recorded at the Marathon County court house.

Since the 2021 transaction between GLM and ARI, GLM has terminated a single Exploration Agreement on an 80-acre parcel located peripheral to the Reef prospect area (N ½ SW ¼, Section 26, Township 29N, Range 9E). GLM has made the required payments to all other landowners and all Leases and Agreements are currently in good standing at the time of this report.

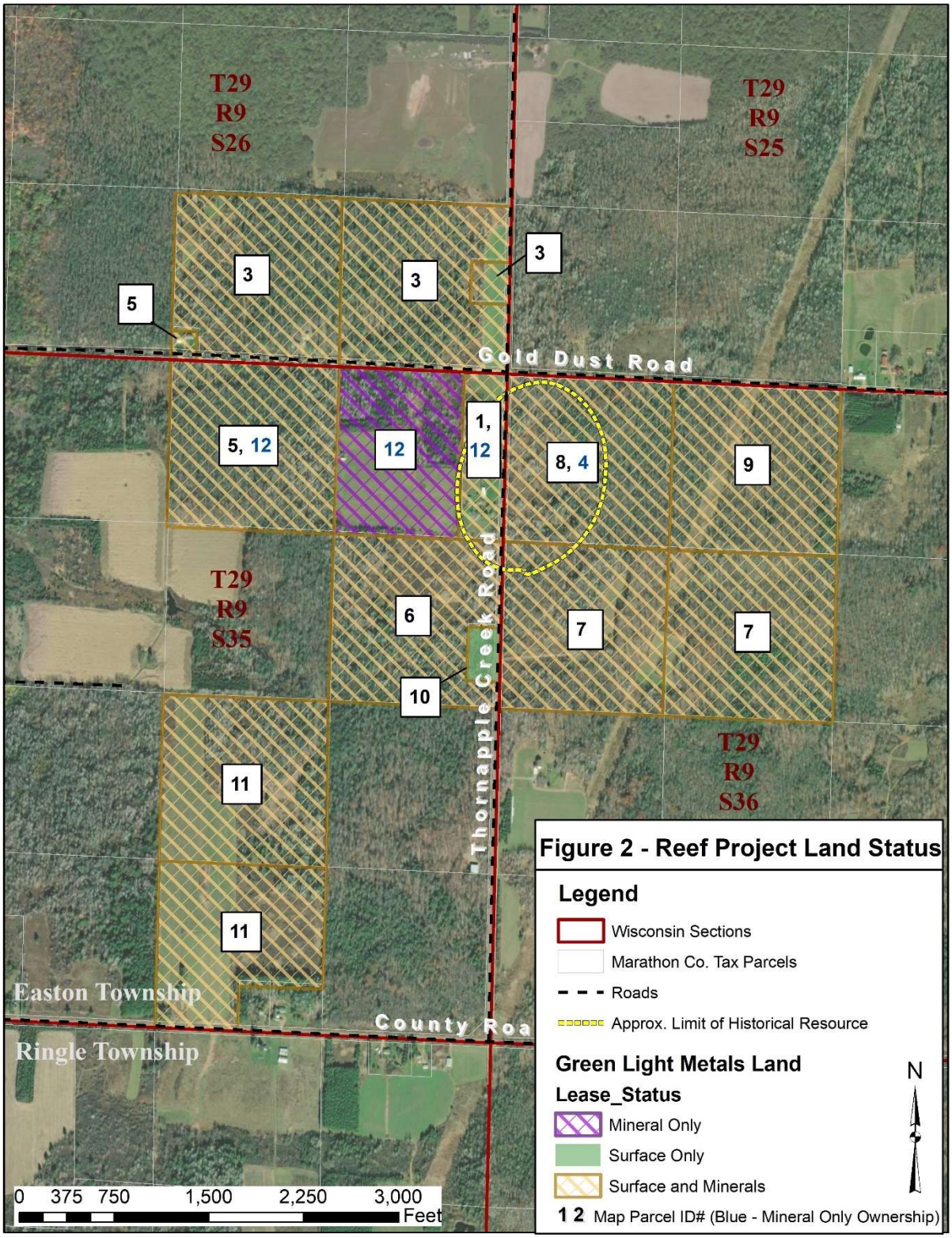


Figure 2. Land Status Map

4.1 Property Interests, Title, Taxes, and Other Legal Obligations

GLM currently holds a total of 13 individual agreements with private surface and/or mineral owners within the project area. These agreements consist of Mining Lease, Option to Purchase, and Exploration Agreements with an Option to Purchase. All agreements are subject to established terms which include annual payments consisting of either option payments or advanced royalty payments. For the year 2025, total payments due to surface and/or mineral owners within the Reef project area total $54,857.

Previously identified mineralization associated with the Reef prospect is located within 6 'Key' parcels currently under control by GLM. These parcels cover an area of 237.23 acres and consist of 4 Mining Leases covering mineral estates (Map ID#'s 12 and 4), 3 Exploration Agreements with Options to Purchase covering surface +/- mineral estates (Map ID#'s 6, 7, and 8), and a single Option to purchase for a surface estate (Map ID# 1). Holding costs for the 'Key' parcels for the year 2025 total $31,223. All 'Key' parcels are currently in good standing. Land descriptions as well as details pertaining to the individual agreements of the 'Key' properties are outlined below. Additional details can be found in Appendix A.

Dennee, Morris and Genevieve – Map ID#1

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: The east 10 acres of the NE1/4 of the NE ¼ (10 acres)

Agreement:	Option to Purchase (6/7/2020)
Expiration:	6/6/2026
Surface Acres:	10 Acres
Mineral Acres:	NA
Option Payment:	$2,500 per year
Option Purchase:	$205,350, less the total option payments previously paid to Optionor by Company
Royalty:	NA
Surface Use:	Prior to exercise of the option to purchase, Company shall **not** have the right to conduct mineral exploration, mine, remove or sell ore or minerals from any of the Premises.

Wanta, Nellie and Brian – Map ID #12

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: The East ten acres of the N1/2 of the NE1/4 (10 acres)
Section 35: The NW1/4 of the NE1/4 (40 acres)
Section 35: The NE1/4 of the NE ¼ excepting the East tend acres (30 acres)

Agreement: Mining Lease

Expiration: 11/16/2030

Surface Acres: NA

Mineral Acres: 80 Acres

Advanced Royalty Payments: $50 per acre ($4,000 per year)

Royalty: Two percent (2%) Net Smelter Return Royalty. All advanced royalty payments shall be cumulative credit to the be set off by Company against any future production royalties derived from the Premises and owning to Lessor.

Neiter, Randy and Tiffany – Map ID #8

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: The NW1/4 of the NW1/4 (40 acres)

Agreement: Exploration Agreement with Option to Purchase

Expiration: 10/15/2027

Surface Acres: 40 Acres

Mineral Acres: NA

Option Payment: $5,000 per year

Option Purchase: The greater of $193,200 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements and 1 times fair market value for buildings, structures and improvements added to the premises by Optionor after the effective date of the Agreement.

Royalty: NA

Manthe, Jeanine; Marten, Donald: Marten, Keith and Tracy – Map ID #4

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: The NW1/4 of the NW1/4 (40 acres)

Agreement:	Mining Lease – Keith Marten as Guardian of Donald Marten; Mining Lease - Keith D. Marten and Tracy L. Marten; Mining Lease – Jeanine J. Manthe
Expiration:	8/9/2041
Surface Acres:	NA
Mineral Acres:	40 Acres (Donald Marten – 50% interest in mineral rights; Keith and Tracy Marten – 25% interest in mineral rights; Jeanine Manthe 25% interest in mineral rights)
Advanced Royalty Payments:	$4,000 per year ($1,000 per year due to both Keith and Tracy Marten and Jeanine Manthe and $2,000 per year due to Keith Marten as Guardian of Donald Marten)
Royalty:	Two percent (2%) Net Smelter Return

Michels, Kenneth – Map ID #7

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: SW1/4 of the NW1/4 (40 acres)

Section 36: SE1/4 of the NW1/4 (40 acres)

Agreement:	Exploration Agreement with Option to Purchase
Expiration:	7/31/2026
Surface Acres:	80 Acres
Mineral Acres: 8	0 Acres
Option Payment:	$150 per acre ($12,000 per year)
Option Purchase:	The greater of $404,400 or 2 times fair market value for land and timber and 2 times fair market value for buildings, structures and improvements and 1 times fair market value for any improvements, structures and buildings added to the Premises by Optionor after the effective date of this Agreement.

Royalty: 2.0-7.75% royalty derived from the royalty rate schedule below and based on the adjusted net smelter return value of mineral produced and sold from the property, adjusted for inflation

Surface Mine		Underground Mine	
Adjusted Net Return Value per ton	Rate (%)	Adjusted Net Return Value per ton	Rate (%)
$0.01 — $75.00	2.00	$0.01 — $125.00	2.00
$75.01—$100.00	2.08	$125.01 — $150.00	2.35
$100.01 — $125.00	2.44	$150.01 - $175.00	2.71
$125.01 — $150.00	2.80	$175.01 — $200.00	3.07
$150.01 — $175.00	3.16	$200.01 — $225.00	3.43
$175.01 — $200.00	3.52	$225.01 — $250.00	3.79
$200.01 — $225.00	3.88	$250.01 — $275.00	4.15
$225.01 — $250.00	4.24	$275.01 — $300.00	4.51
$250.01 — $275.00	4.60	$300 01 — $325 00	4.87
$275.01 — $300.00	4.96	$325.01 — $350.00	5.23
$300.01 - $325.00	5.32	$350.01 — $375.00	5.59
$325.01 — $350.00	5.68	$375.01 — $400.00	5.95
$350.01 - $375 00	6.04	$400.01 — $425.00	6.31
$375.01 — $400.00	6.40	$425.01 — $450.00	6.67
$400.01 - $425.00	6.76	$450.01 — $475.00	7.03
$425.01 — $450.00	7.12	$475.01 — $500.00	7.39
$450.01 — $475.00	7.48	Above $500.01	7.75
$475.01 — $500.00	7.84		
Above $500.01	8.20		

Martin, John and Bonnie – Map ID #6

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: SE1/4NE1/4, Except Lot 1 of Marathon County Certified Survey Map Volume 55, Page 73 (37.23 acres)

Agreement: Exploration Agreement with Option to Purchase

Expiration: 11/10/2026

Surface Acres: 37.23 Acres

Mineral Acres: 37.23 Acres

Option Payment: $3,723 per year

Option Purchase: The greater of $109,000 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements, less option payments previously made and 1 times fair market value for any improvements, structures and buildings added to the Premises by Optionor after the effective date of this Agreement.

Royalty: Two percent (2%) Net Smelter Return

In addition to the 'Key' properties, GLM also controls 235.38 surface +/- mineral acres peripheral and adjacent to the 'Key' properties. These 5 parcels (Map ID#'s 3, 5, 9, 10, and 11) are held under Exploration Agreements with Options to Purchase. Total holding costs for the year 2025 for peripheral properties total $23,634. All agreements are currently in good standing. Additional details and terms pertaining to the individual leases can be found in Appendix A.

All leases and/or agreements acquired by GLM in the Reef project area have been recorded in the Marathon County courthouse. These agreements provide GLM with legal access to enter upon and conduct exploration activities on the properties except in the cases of the following 4 parcels (refer to Figure 2):

Map Parcel ID#	Description
#12	GLM controls the mineral estate through a Mining Lease with the mineral owner but does not currently have an agreement in place with the surface owner (western 30 acres of the NE ¼ of the NE ¼, Section 35).
#1	GLM controls the mineral estate through a Mining Lease (Map ID# 12) and has an Option to purchase the surface (Map ID# 1 – 10 acres). However, no exploration activities are allowed on the property prior to exercising the Option with the surface owner.
#10 and #5	Parcel #10 (~2 acres) is currently zoned as Low Density Residential and parcel #5 (~1 acre) is currently zoned as Urban Residential. Exploration and metallic mining activities are not currently permissible within these zoning districts.

The current extent of GLM's land holdings over the Reef project are adequate to conduct the recommended exploration program provided in this report.

4.2 Regulatory Requirements and Environmental Liabilities

Exploration drilling is regulated in the state of Wisconsin by the Wisconsin Department of Natural Resources (WDNR). The WDNR requires that certain licenses and approvals be acquired by an explorer and that certain notification be submitted to the WDNR prior to conducting exploration drilling in the state. Prior to conducting an approved exploration drilling program, the WDNR requires an explorer to post a reclamation bond in an amount sufficient to cover estimated reclamation costs associated with the approved program. Additional regulatory authority by Marathon County is overseen by the county zoning department. An overview of regulatory and permitting requirements pertaining to exploration and mining activities is discussed in section 24 of this report.

Two drillholes constructed by ARI in 2011, R11-11 (total depth of 71.34 meters) and R11-12 (total depth of 76.52 meters), remain 'open' and were temporarily abandoned according Wisconsin regulations. The WDNR maintains records of all temporarily abandoned holes and requires that an explorer permanently abandoned all drillholes and submit to the department an abandonment report documenting abandonment procedures prior to releasing the reclamation bond held by the State.

During ARI's drilling programs in 2011 and 2012, drill cuttings were collected and stored on site within two steel tank containers located on property leased by ARI prior to being disposed of off-site according to Wisconsin Regulations. As agreed upon between the landowner and ARI, GLM is responsible for the maintenance and removal of the containers in the event that they are no longer needed or upon termination of the lease with the landowner.

The majority of the Reef project and surrounding area is currently zoned as General Agricultural. Mining and exploration activities are permissible within the General Agricultural zoning district. However, a ~2 acre parcel (Map ID #10) is currently zoned as Low Density Residential and a ~1 acre parcel is zoned as Urban Residential which do not allow for mining or exploration activities.

The author is not aware of any other environmental liabilities pertaining to the property and is not aware of any other factors and/or risks that may affect access, title, or the right or ability to perform work on the property.

5.0 Accessibility, Climate, Local Resources, Infrastructure and Physiography

The Reef deposit is located in Marathon County in north-central Wisconsin, approximately 12 miles (19.2 km) east of Wausau, Wisconsin (Fig. 1). Access from Wausau city center is via State Business Highway 51 south approximately 0.1 mile (0. 16km). Turn left or east on County Road "N" and continue for approximately 14 miles (22. 4km) crossing over Sandy River and the Eau Claire River) before turning left or north on Thornapple Creek Road in the town of Ringle. Continue on Thornapple Creek Road approximately 1 mile (1.6km) to Gold Dust Road to arrive near the center of the Reef project area (Fig. 2).

5.1 Climate

Throughout the year, north-central Wisconsin climate varies within the four seasons. Low temperatures average 10 to 20°F in the winter months (extreme lows have been recorded to -20 to -40°F) and up to average high temperatures of 80°to 90°F during peak warm-humid continental summer months (extreme highs have been recorded up to 100°F). Meteoric precipitation includes both snow and rain. Average precipitation rates from the Wausau, Wisconsin weather station estimate precipitation 130 days per year, totaling 30 to 50 inches per year.

Exploration activities at Reef, including diamond drilling and other fieldwork can be performed year-round. Activities requiring heavy equipment are subject to seasonal road limits that are typically in effect in early spring.

5.2 Local Resources (Hydrology)

The Reef deposit is located within the hydrologic unit code (HUC) 10 of the Big Sandy Creek-Eau Claire River, and HUC 12 Mole Brook-Eau Claire River. Mole Brook is an intermittent flow stream and proximal to the project area. It is a tributary stream and becomes perennial flow downstream with the intersection of the Eau Claire River. The Eau Claire River flows into Lake Wausau, which contains designated wild rice harvest area waters (current harvest activity unknown).

5.3 Project Area Infrastructure

County highways and paved to unimproved town roads provide excellent access to the project area which is located approximately 12 miles east of the City of Wausau, the county seat of Marathon County with a population approximately 40,000 residents. In the immediate vicinity of the project area, the Canadian Pacific Railway passes through the village of Ringle, located seven miles south of the Reef project area. A northeast trending high-tension, electrical power line traverses the eastern part of the project area east of the Reef prospect.

GLM land holdings encompass ~433-acres and covers the extent of the known mineralization previously identified and contains adjacent properties that could be utilized to support mining activities (processing, tailings and waste disposal, and other infrastructure). Depending on the potential size of the deposit and scope of mining operations, additional land acquisitions may be necessary to support future proposed mining activities.

5.4 Physiography

The physiography of the area consists of a south-sloping, rolling bedrock-controlled erosional surface, situated between thick till-covered highlands to the north and the Central Wisconsin sands to the south. East of Wausau, bedrock exposures are locally abundant along stream and riverbanks. The overlying soil is dominated by well-drained silt-loam soils that produce rich farmland. Vegetation coverage is classified as transitional between upland hardwoods (hemlock, birch, pine, maple), and wetland conifers (spruce, tamarack, balsam).

GLM contracted Merjent Inc., an environmental consulting firm based in Minneapolis, MN, to conduct a wetland delineation survey within an approximately 160-acre area surrounding the Reef prospect. The survey was completed for permitting purposes related to conducting exploratory drilling at the Project. The survey indicated that approximately one-third of the surveyed area consists of a single wetland complex consisting of seven wetland community types, including: coniferous swamp, fresh meadow, hardwood swamp, sedge meadow, shallow marsh, shallow open water, and shrub-carr communities.

Conducting exploratory drilling and potential mining and development activities may require permitting on the State level through the Waterways and Wetlands Department of the Wisconsin

Department of Natural Resources (WDNR) and federally through the United States Army Corp of Engineers (USACE). For some activities located within wetlands, including exploratory drilling, the implementation of best management practices and/or seasonal restrictions on conducting such activities may be required.

6.0 History

6.1 Regional/District

Serious exploration for VMS deposits in the Penokean Volcanic Belt (PVB) of Wisconsin began in the 1950's by Kennecott Exploration. Their program was driven by the observation that numerous base metal deposits were present in the Superior Craton north of Lake Superior, but none were known in same-age rocks south of the lake (Babcock, 1996). It was assumed that this was not because of lack of deposits but rather the presence of thick glacial overburden (Babcock, 1996). Kennecott pursued its exploration program for two decades without any competition before announcing the discovery of the Flambeau deposit in 1970. This announcement immediately brought in competitors, several of whom (e.g., Exxon and Noranda) were at the time actively exploring extensions of two productive Canadian Archean greenstone belts (Wawa and Wabigoon belts, north of Lake Superior) into northern Minnesota. By the late 1970s over 60 companies were or had been actively exploring the PVB of Wisconsin.

Exploration in Marathon County began in earnest after the discovery of base metal sulfide minerals hosted in rhyolites near Wausau (LaBerge and Myers, 1983). Beginning in the late 1960s to 1970s, Noranda, Exxon, Bear Creek and other competitors conducted VMS exploration programs in the county primarily east of Wausau. Gold was not a target during these early days of exploration even though several historical gold prospects were known in this area. Probably the most significant was a mine shaft in the northwestern part of the Reef Prospect area that reportedly produced some gold in the late 1800s.

In 1997, Wisconsin enacted a mining moratorium which effectively shut down exploration and mineral development in Wisconsin. Kennecott, who ironically was the first company to enter the belt, had the Flambeau open pit mine permitted and operating prior to the enactment of the mining moratorium (Babcock, 1996). The world class Crandon deposit was not developed as a result of the anti-mining activities leading up to the 1997 mining moratorium as well as declining metal prices.

Mineral exploration activities in the Wisconsin portion of the PVB lay dormant from 1997 to 2011 and most property positions had been abandoned. In 2002 the Back Forty deposit was discovered by Great Lakes Exploration (predecessor of ARI). It was the first new VMS discovery since Lynne which was identified some 15 years earlier. This discovery resulted in modest VMS exploration activity at the very eastern extent of the PVB in Michigan. The first significant drilling program in Wisconsin came in 2011 and 2012 after ARI acquired the Reef gold property as well as the Bend VMS property (the latter as part of a strategic alliance between ARI and Hudbay Minerals).

In 2017, Wisconsin enacted, with bipartisan support, the Mining for America Act which repealed the 1997 mining moratorium and included provisions which facilitates and expedites mine permitting in the state. Despite the change in mine permitting policy in the State, no significant metallic mineral exploration has been conducted since 2012.

On October 4, 2021, GLM acquired a 100% interest in the Reef Project and other assets located in Wisconsin USA from ARI. No exploration work has been completed since the programs of ARI in 2012.

6.2 Property History

Exploration in the vicinity of the Reef prospect dates back to the late 19th century when prospectors identified native gold in quartz float and possibly outcrop in eastern Marathon County. Several small, shallow shafts or pits were dug to exploit the occurrences, but none amounted to more than a shallow flooded pit and a small rock pile. In the 1970s Bear Creek, North Central Ventures (Plover Joint Venture between Superior Oil and General Crude; E.K. Lehmann and Assoc. as operator; NCMV), and Noranda drilled up to 24 holes in the Reef prospect area.

In 1982 Reef Exploration, a joint venture between ACNC and Homestake Mining Company (HMC) began exploration after discovering visible gold in the area. The ACNC-HMC joint venture initiated magnetic, IP, various electromagnetic surveys, soil sampling and "overburden" (rotary) drilling. A total of 13,464 feet (4,103.83 m.) in 30 diamond drillholes tested a variety of targets. Four exploration drillholes encountered significant gold mineralization but the project was farmed-out to Noranda in late 1985.

6.3 Exploration by the Noranda-Amax Joint Venture

Noranda conducted geochemical and geophysical surveys of the property until the formation of the Noranda-Amax Gold Inc. (AGI) Joint Venture in 1988. Soil samples were collected on lines spaced 400 feet (121.92 m.) apart at 50-foot (15.24 m.) stations over two thirds of the property; the remainder of the grid was sampled on 100-foot (30.48 m.) stations. Detailed sampling in the prospect area was completed at a line spacing of 200 feet. The -80-mesh fraction was analyzed for gold and copper. HLEM (Max-Min II) electromagnetic surveys were conducted to cover the entire property and select grid lines were selected for follow-up IP surveys.

The Noranda AGI Joint Venture drilled 31 holes in the Reef area for a total or 5,181.3 meters. Downhole gyroscopic surveys of 30 holes provided precise locations of these holes and indicated some confidence in the location of other holes. A transit survey in the NW1/4 of Section 36 and the NE1/4 of Section 35 determined elevations and collar locations, in addition to the precise location of the exploration grid.

The presence of saprolite was detected in sumps and trenches during the Joint Venture. The "overburden" of the Joint Venture's second hole, RF88-20, was redrilled in RF88-20A and recovered two gold intercepts. All subsequent holes with targets within 100 feet (30.48 m.) of the surface were recovered from top to bottom.

A mise-a-la-masse survey conducted in May 1989 helped establish the continuity of mineralized zones striking northeast and dipping to the northwest. The survey overlapped an earlier one in 1987 by testing some holes drilled by Noranda, in addition to holes drilled by the Joint Venture.

Noranda geologists prepared detailed geologic-assay cross sections and level plans based on the drillhole directional data using a combination of 3-D drilling software and a proprietary modeling program created by Noranda. These programs were used to accurately construct the drillhole traces on large-scale sections and level plans that were then used as a base for hand-drafting geology.

6.3.1 Geochemical Exploration

Gold and copper-in-soil anomalies from samples collected by Noranda display northeast to southwest trending elongated domains and vary in concentration from 10 to >100 parts per billion (ppb) Au; and 50 to >500 parts per million (ppm) Cu (Figure 3 and 4). Although gold and copper occur together in the drill core, gold-in-soil anomalies are not always coincident with copper anomalies. Interestingly, gold plus copper-in-soil anomalies that are associated with the surface extensions of mineralized zones in the northwestern portion of the Reef prospect area are enveloped by a tellurium (Te)-in-soil anomaly.

Peak gold abundances in soils are concentrated on ground over the Reef core area and along the small Mole Brook stream, which drains the area. The most prominent gold anomaly features 360 to 840 ppb Au and occurs on the northwestern margin of the prospect. There is no associated copper-in-soil anomaly with the anomalous high gold values. Visible gold in vein quartz float was discovered at the surface, and panning in Mole Brook has yielded abundant visible gold particles. Stream sampling yielded supplementary local-regional satellite targets to consider in future land acquisition interests.

In addition to other copper-in-soil anomalies in the area, a broad anomaly exceeding 200 to 500 ppm Cu extends over the northwestern and westernmost parts of the property and adjacent ground to the west. Copper-in-soil anomalies are virtually absent in the two areas covered by thicker Pleistocene glacial sediments. The geochemical surveys to date suggest that many of the gold-in-soil anomalies are related to the weathering of gold-bearing quartz veins.

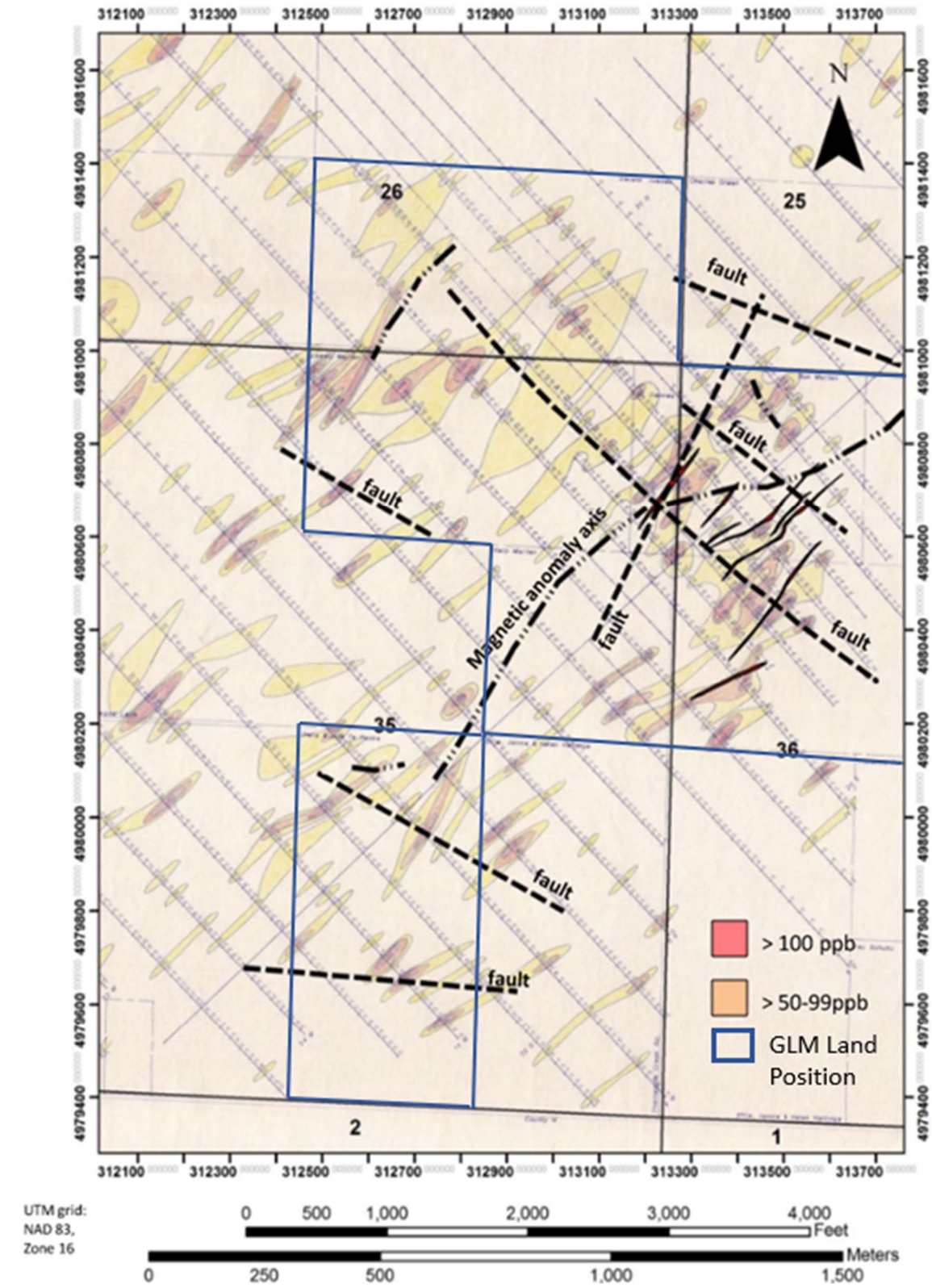


Figure 3. Gold in Soil Map (Noranda 1990)

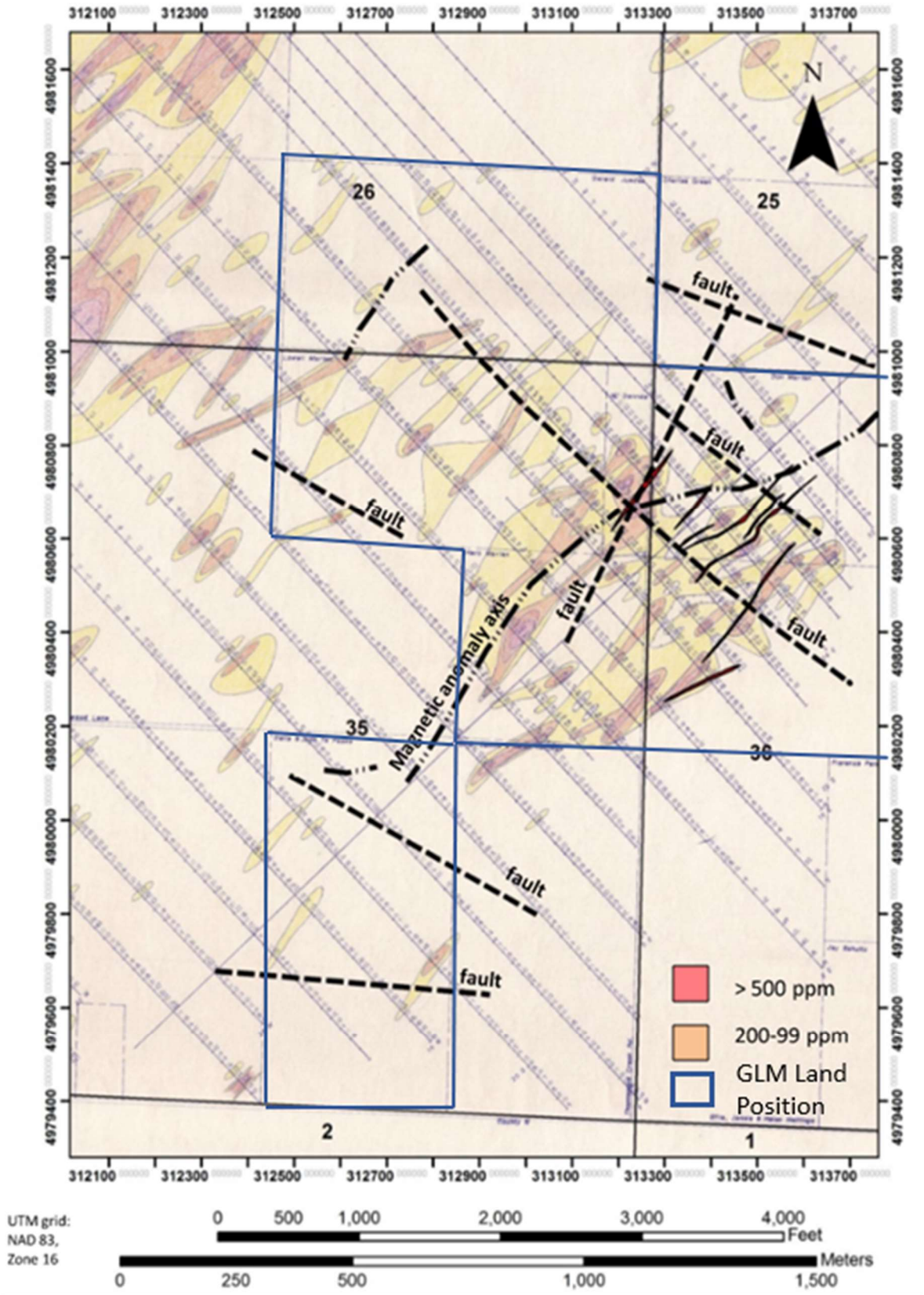


Figure 4. Copper in Soil Map (Noranda 1990)

6.3.2 Noranda Geophysical Surveys: 1970s – 1980s

Noranda Exploration conducted extensive geophysical surveys throughout the time they controlled the Reef properties, including detailed surveys over the known mineralization as well as broader surveys looking for additional targets.

HLEM (Max-Min) and VLF Geophysical Surveys
Ground HLEM and VLF geophysical surveys were utilized to follow-up on airborne INPUT AEM anomalies identified over the project area. Strong to weak EM anomalies were observed over the airborne conductors which appear to correlate with an anomalous copper geochemical trend. However, it was generally concluded that EM anomalies are not associated with gold mineralization within the project area.

Mise a la Masse and IP Geophysical Surveys
Mise-a-la masse potential field and mise-a-la-masse magnetic and IP surveys were conducted in 1987 and 1989 utilizing open exploration drillholes to determine the continuity of the mineralized zones. The results of the surveys defined a northeast striking trend to the mineralized zones that correlated with their surface projection, with a strong IP response attributed to disseminated sulfides associated with gold mineralization. Additional IP anomalies were reported to the northeast of the deposit area.

Magnetic Geophysical Survey
A ground magnetic survey was completed over the entire project area, and results were presented as contoured magnetic maps reflecting long and short wavelength total field magnetics, reflecting deep and shallow magnetic anomalies, respectively. Both maps were hand drawn and contoured. The shallower residual magnetic anomalies are reported to correlate with the near surface projection of the mineralized zones, however, are apparently displaced immediately to the northwest.

6.4 Historic Diamond drilling

Modern exploration in the Reef area began in 1970. The first major company was Bear Creek (Kennecott), followed by Noranda and then the Plover Joint Venture (Superior Oil and General Crude Oil). All of these companies were conducting drilling programs at nearly the same time near the known Reef gold prospect. However, their exploration projects were focused on volcanogenic massive sulfide (VMS) targets rather than gold. It was not until 1982 that Reef Exploration, a joint venture between ACNC and Homestake Mining Company (HMC), began gold exploration in the area after visible gold (VG) in quartz float was discovered. Table 1 summarizes the known historical drilling campaigns that occurred within the Reef and surrounding areas.

Table 1: Historic Reef Drilling Campaigns

Company	No. Drillholes	Total Meterage	Years
Reef Exploration	30	4,105	1982 – 1985
Noranda	18	2,944	1986 – 1988
Noranda – AGI	39	6,250	1988 – 1990
TOTALS:	**129**	**13,299**	

6.5 Historic Sample Preparation, Analyses and Security

There is no documentation describing sampling method and approach prior to the Noranda-AGI Joint Venture in 1985. While there are descriptions of sampling protocol and laboratories used between 1985 and 1990 in the Reef Summary Report (Kennedy and Harding, 1990), none of the data or assay certificates have been found. This section and the following section are based on the Reef Summary Report and provide a narrative of sampling methods, sample preparation, analysis and security without the supporting documentation.

During the Noranda drilling campaigns, boxed core samples from a secure area at the drill sites were transported daily to the Noranda Exploration office and core lab facility located approximately 96 kilometers (60 mi) from the property in Rhinelander, Wisconsin where the core was logged and sampled. Assay intervals were generally 0.5 to 1.5 meters (1.5' to 5') in length and varied depending on geology. Sawed core samples were packed and freighted to various assay laboratories, described below. The remaining boxed core samples were stored on racks in a secure core storage facility.

The laboratory of Bondar-Clegg in Denver performed all assays and geochemical analyses during the Noranda-AGI Joint Venture, with verification of selected intercepts by Skyline Laboratories, also in Denver. Warnock-Hersey Laboratories in Winnipeg assayed a number of holes for Noranda from 1986 to 1988. The assays by Skyline are within 10% of those reported by Bondar-Clegg, and metallurgical tests provided additional confirmation of assays.

Noranda sent duplicate samples to different laboratories as well as completing check assays on coarse rejects. Thus, they had at least two assays (these were averaged) for each interval with significant mineralization. In general, the correlation of assays between laboratories was considered acceptable.

The individual drill core assay results of the historic sampling carried out by Noranda are not available and analytical methods are unknown. Nevertheless, these laboratories were all considered reputable at the time. Composited grades of mineralized intervals are reported on a series of cross sections generated by Noranda for the Reef project.

As far as the author can determine from available information, sampling techniques, sample quality, sample preparation, and security were adequate for early stage exploration purposes; sampling procedures performed by the operators were standard and acceptable methods used by the mining-exploration industry at the time.

During ARI's involvement with the project between 2010-2012, the company acquired a significant amount of historic geologic and exploratory data which included drill core, sample pulps, and various maps, sections, and reports generated by the previous operators. ARI implemented a program to validate such data including verifying drill hole collar locations, relogging, resampling and redrilling historic drillholes, and conducting surface geochemical surveys to verify historic data and to make such data useful for their own exploration purposes. A discussion of these efforts is further described in section 11.

6.6 Historic Mineral Resource Estimates

A historical mineral resource estimate was completed by Noranda in 1990 (Table 2). This is a historical estimate and **does not comply with CIM Definition Standards on Mineral Resources and Mineral Reserves as required by NI 43-101 and has no comparable resource classification. A qualified person has not done sufficient work to classify the historical estimate as a current mineral resources or mineral reserves. GLM is not treating the historical estimate as current mineral resources or reserves.** The reader is cautioned that the referenced "historical mineral resource" estimates is historical in nature and there is no certainty as to whether further exploration will result in an upgraded or verified mineral resource in accordance with NI 43-101. Furthermore, mineral resources are not mineral reserves and do not have demonstrated economic viability.

The Noranda resource estimate was calculated using a gold cutoff grade of 0.1opt (3.43 g/t Au). Their calculations involved an area of influence of 125 feet x 125 feet^2, a minimum thickness of 5 feet and a tonnage factor of 11.0 ft^3. The area of influence was determined by average spacing between drill intercepts; the tonnage factor corresponds to a mean specific gravity of ~2.9 as measured by Lakefield Research during metallurgical testing. It is assumed that the estimate was by manual polygonal and/or cross-sectional methods.

Table 2: Reef Historic Resource Estimate

	Short tons	Au (cut, opt)	Au Contained (oz)	Cu (%)	Cu Contained (lbs)
Totals:	**454,688**	**0.262**	**119,308**	**0.28**	**2,062,266**

*Using a 0.10 opt cutoff grade (after L. Kennedy and T. Harding, 1990) *see conversion of weights and measures, page v.*

At a gold cutoff of 0.1opt (3.43 g/t), the geologic inventory was estimated at ~454,600 short tons grading 0.262opt Au (0.308 opt Au uncut), and 0.28% Cu. The contained gold in this inventory was reported to be ~119, 300 ounces (cut) to 141,000 ounces (uncut). Over 80% of the mineral resource is at depths ≤150m from surface along ~250m of strike length. The mineralized zones used in the resource estimate are commonly narrow, 6 -10' (1.8-3m), and average 7.9' (2.4m) in true thickness.

Drilling by ARI in 2011-2012 identified additional gold mineralization immediately southwest of the historic resource area and is not included in the resource estimate presented above.

There has been no production from the Reef properties

7.0 Geologic Setting and Mineralization

The Reef gold-copper deposit occurs within the Paleoproterozoic Penokean Volcanic Belt (PVB), also known as the Wisconsin Magmatic Terranes (Figs. 5 and 6). This greenstone belt is hosted in the Southern Structural Sub-province of the Canadian Shield and consists of an extensive suite of metavolcanic, metasedimentary, and plutonic rocks that formed during the Early Proterozoic Penokean Orogeny (ca1890Ma - 1830Ma; LaBerge, 1996). The 280-kilometer-long belt extends from northern Wisconsin eastward into the Upper Peninsula of Michigan under Paleozoic sediments and to the west-southwest an additional 100 kilometers before being cut off by the Mesoproterozoic Mid-Continent Rift System (MRS). It reappears on the west side of the MRS in north-central Minnesota pinching out to thin greenstone slivers that mark the belt's western terminus (so-called Becker embayment).

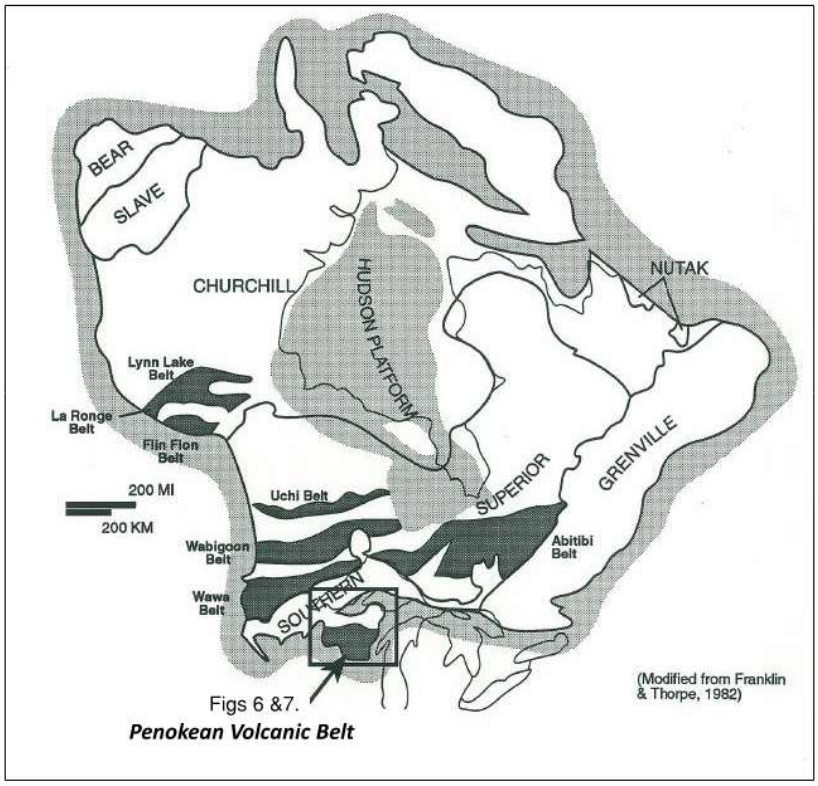
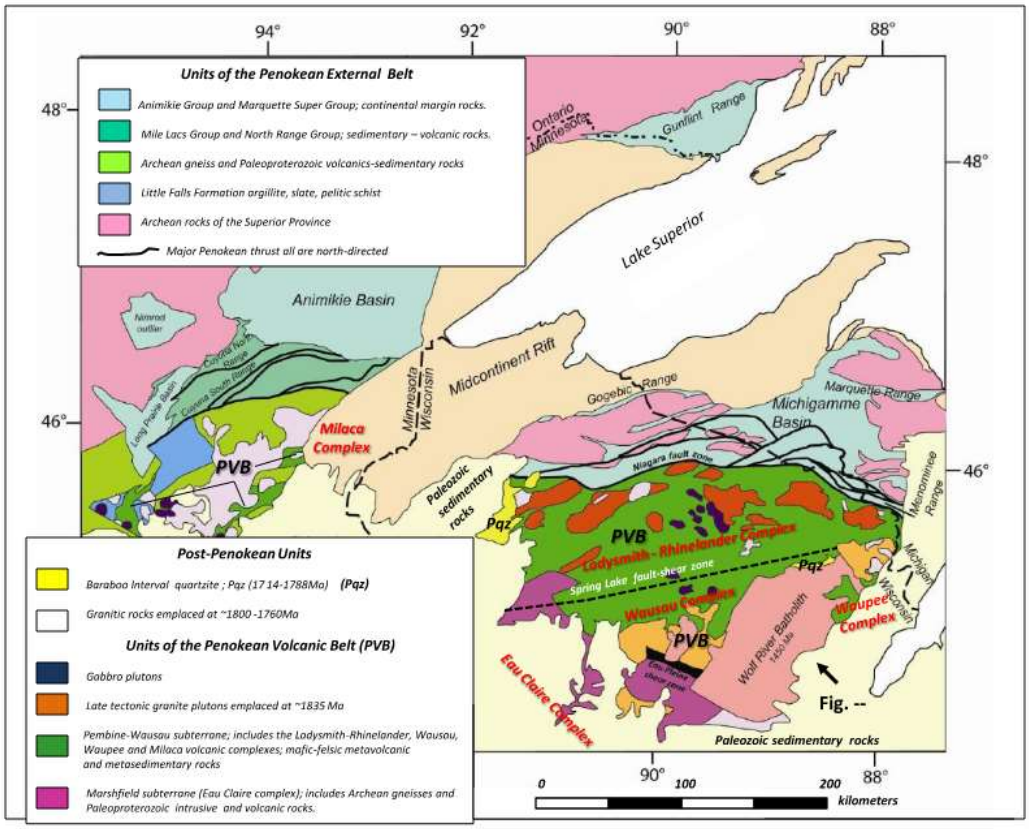


Figure 5. Geologic Provinces of the Canadian Shield



Modified from Shulz and Cannon, (2007)

Figure 6. Location Map of the Penokean Volcanic Belt

The east-west trending main portion of the belt now forms a broad, dome-like, metamorphosed, and deformed basement feature breached by erosion and unconformably overlain along its margins by erosional remnants of late Paleoproterozoic quartzites and widespread younger late Cambrian sandstone formations. Most of the belt is covered by Quaternary (Pleistocene) glacial deposits.

Development of the belt occurred by Penokean igneous activity (extensional volcanism) and tectonics along the margin of the Superior Craton. Convergent tectonics culminated first in accretion of an island arc to the Superior Craton and later collision of an Archean Marshfield microcontinent (LaBerge, 1996; Schulz and Cannon, 2007). As a result, regional metamorphism during intense folding overprinted the original volcanic and sedimentary rock sequences.

7.1 Regional Geological Framework

The geologic framework of the PVB has been studied most recently by Sims et al. (1989, 1992), LaBerge et al. (1972, 1983, 1984 and 1996), DeMatties (1989, 1994, 1996, and 2018), Schulz and Cannon (2007), Schulz et al. (2008) and Quigley et al. (2016). Considered a juvenile arc sequence by Schulz and Cannon (2007), Sims et al. (1989) have divided the PVB into the several subterranes (Pembine-Wausau and Marshfield) that are separated by the Eau Pleine shear zone (Figs. 7, and 8). Each subterrane is characterized by volcanic island-arc-basin assemblages containing abundant tholeiitic to calc-alkaline metavolcanic and lesser metasedimentary rocks that formed at least in

part on Archean basement (Schultz and Cannon, 2007; Quigley et al., 2016). Isotope age-dating (U-Pb, Pb-Sr) presented by Sims et.al (1989) established early Proterozoic ages for the subterranes that range from 1,889 to 1,835Ma.

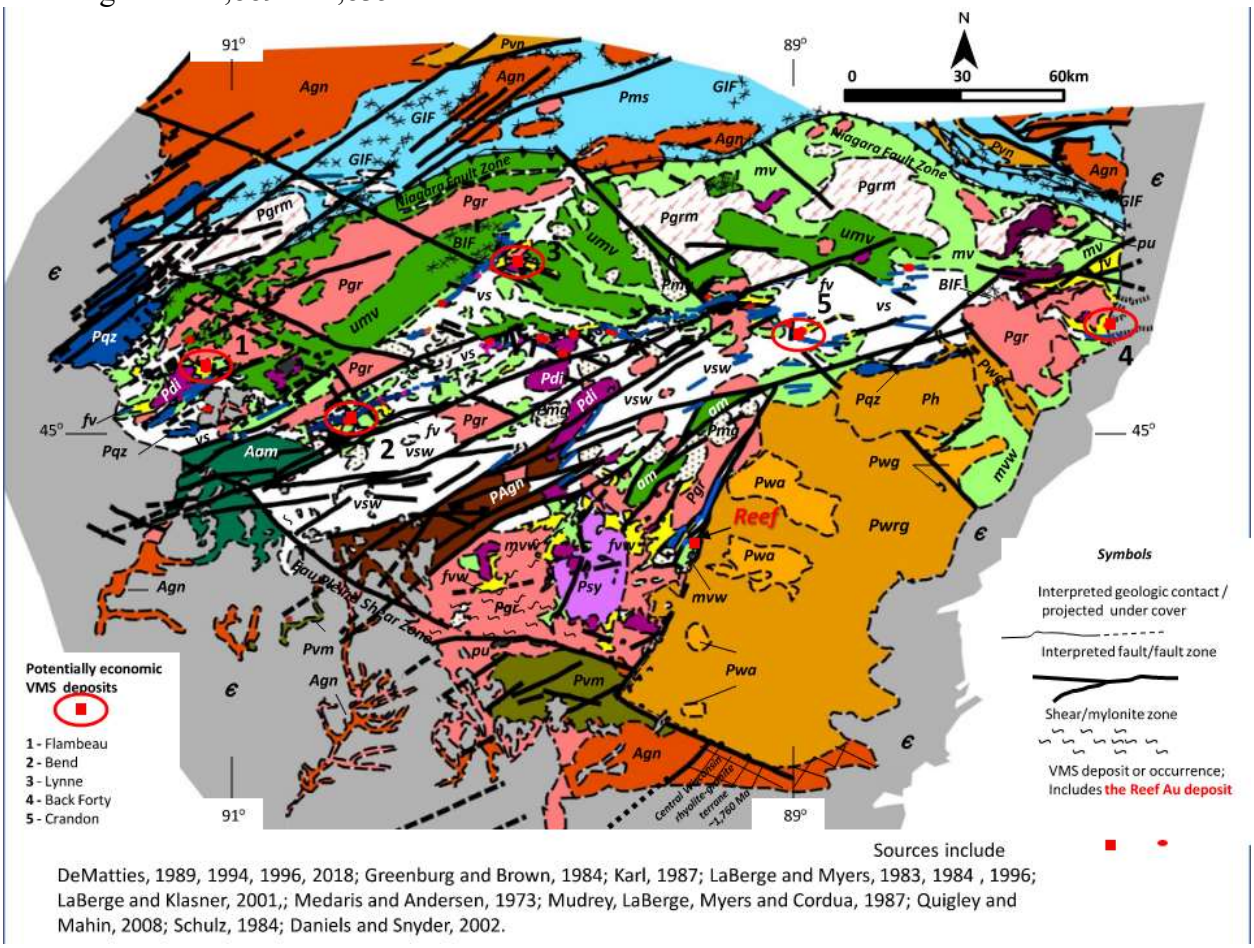
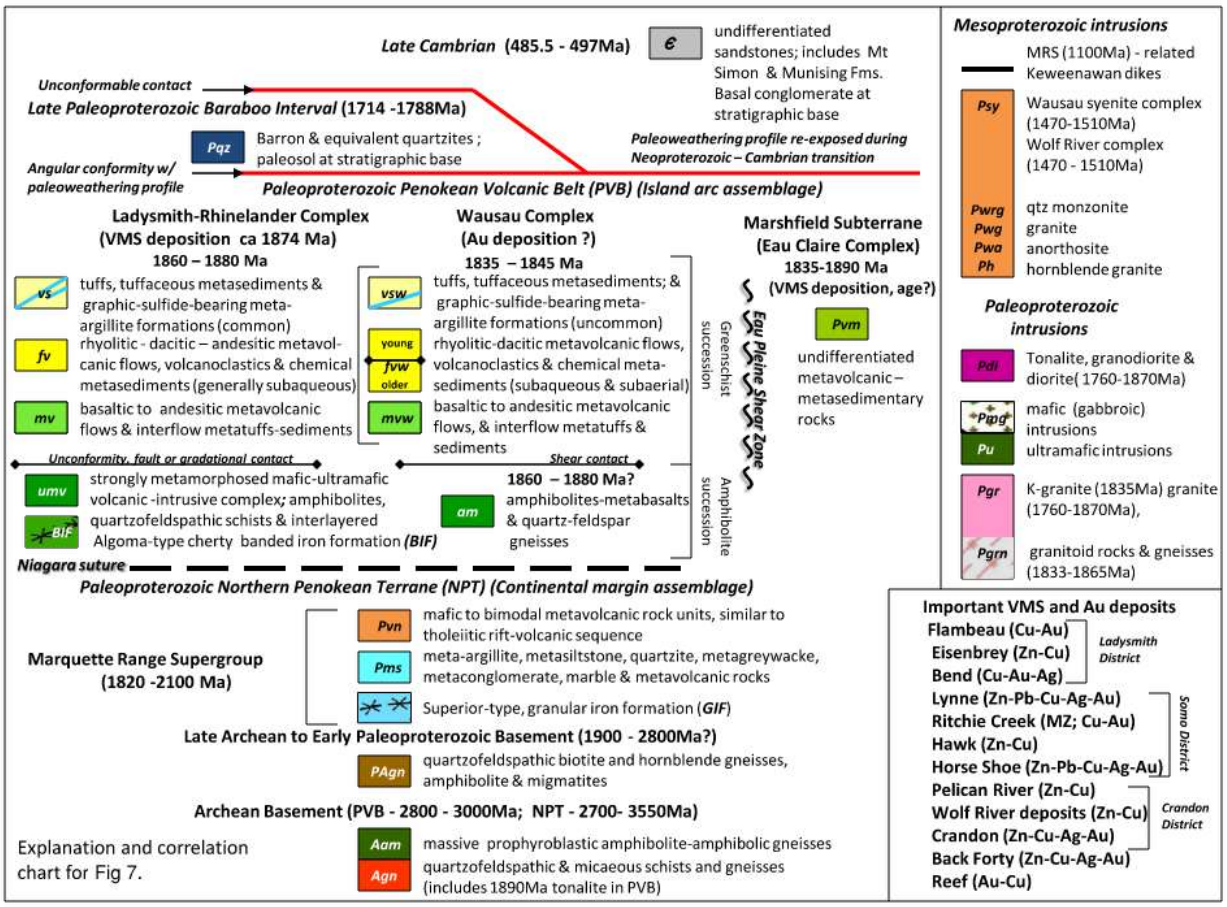


Figure 7. Penokean Volcanic Belt Geology



Three volcanic complexes have been defined in the subterranes based on extensive geologic and geophysical exploration data (Fig. 7; DeMatties 1994). They include the Ladysmith-Rhinelander and Wausau complexes both in the Pembine-Wausau subterrane, and the Eau Claire complex that occupies the Marshfield subterrane. A fourth lesser-known volcanic complex (Milaca) is located on the west side of the MRS (Jirsa et al., 1995; DeMatties, 1996); Quigley (2016) described a possible fifth but small complex (Waupee) east of the Wolf River batholith. Significant VMS mineralization thus far appears restricted to the Ladysmith-Rhinelander complex; and at least one VMS showing has been discovered in the Eau Claire complex (Butler showing; Figs. 5 and 6). Reef is the only notable shear-zone hosted gold occurrence within the PVB and is located within the Wausau volcanic complex.

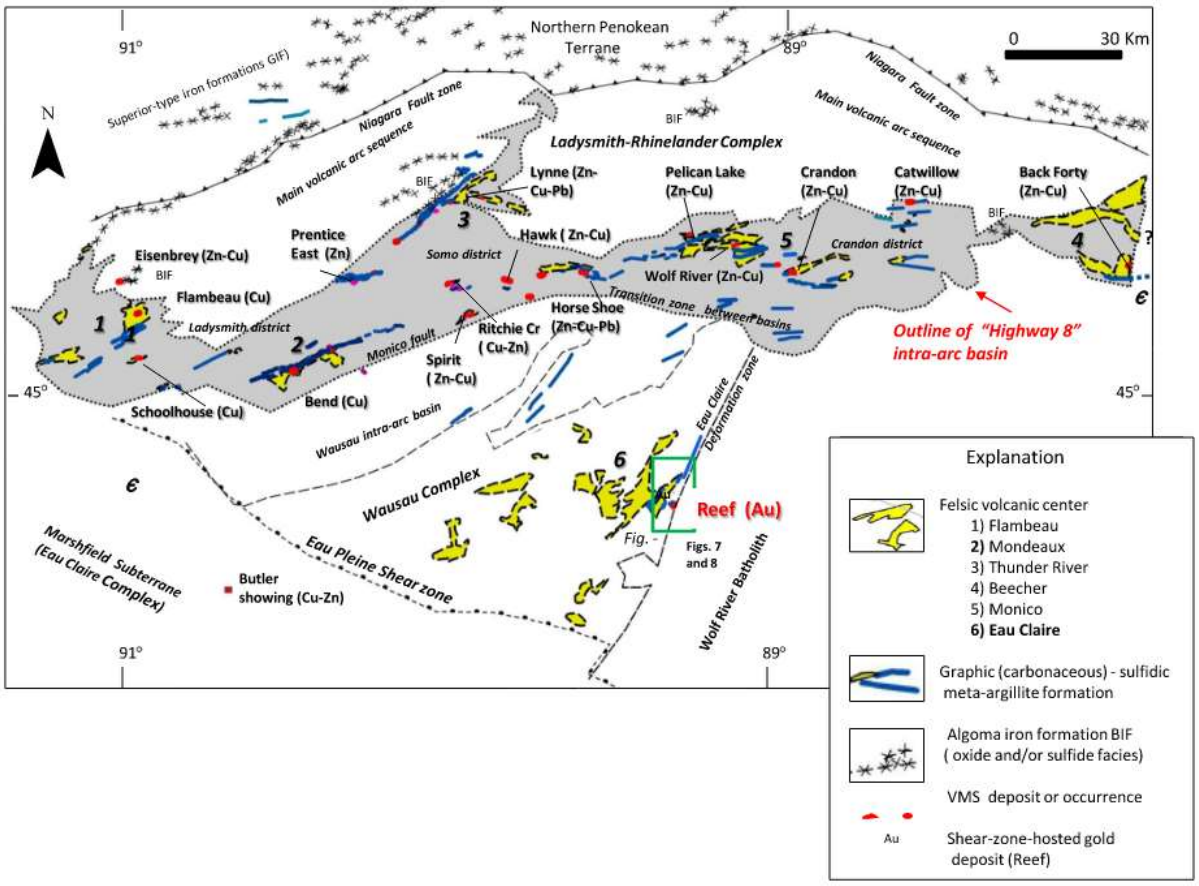


Figure 8. Depositional Basins and Mineral Deposits in the PVB

7.1.1 Wausau Volcanic Complex

This complex as mapped by LaBerge and Myers (1983, 1984) consists of an older (1,880-1,860Ma?) amphibolite sequence (quartzo-feldspathic gneiss, amphibolite-metabasalt) unconformably overlain by a younger (1,845-1,835Ma) greenschist calc-alkaline mafic to felsic metavolcanic sequence (Figs. 7 and 8). The volcanic lithologic succession is syntectonically intruded by numerous epizonal plutons and later by the younger (1469 $\pm$ 28Ma) Wolf River Batholith and Wausau syenite-granite plutonic series. Relatively thin glacial overburden covers most of the Wausau volcanic complex with poor to fair bedrock outcrop exposures. Additionally, a well-developed Precambrian paleoweathering profile is preserved that caps the volcanic sequences and includes clay regolith and saprolite (DeMatties, 1994, 2018).

The complex is characterized by a number of large, nearly vertical cataclastic fault-shear zones which form the boundaries between greenschist and amphibolite sequences (LaBerge and Myers, 1983) and separate this complex from the larger Ladysmith-Rhinelander complex to the north.

Several well developed, sulfide-bearing felsic volcanic centers have been mapped by LaBerge and Myers (1993) within the greenschist succession of the complex. These centers are strongly faulted and commonly dismembered by granitic intrusions. LaBerge and Myers (1993) interpret the felsic

sequences as forming in both subaerial and submarine environments. To date, no significant VMS systems have been identified in any of the centers. This is likely due to their strong subaerial depositional component which is not conducive to VMS deposition. However, this complex appears to be much more prospective for shear-zone-hosted type gold mineralization as exemplified by the presence of several known lode gold occurrences. Of these, the most important identified to date is the Reef prospect.

7.2 District Geology

The Reef prospect area occurs on the eastern flanks of the informally named Eau Claire felsic center (Fig. 9). Mapping by LaBerge and Myers (1993) demonstrate that this center is dominated by a thick, steeply dipping sequence of interbedded rhyolite crystal (feldspar) metatuffs and fine lapilli metatuffs. This felsic succession is interpreted to be in fault contact along its eastern margin with a steep to subvertical dipping, northeast trending mafic volcanic sequence. Exploration drilling (Noranda [1988-1990], NCMV [1976-1978] and ARI [2011-2012]) reveals that this sequence is dominated by metabasalt and andesite flows with interbedded metasedimentary and lesser tuffaceous volcanic rocks. The mafic sequence is bounded (fault contact) to the east by the Wolf River Batholith and intruded by numerous gabbro, diorite and granitic plutons.

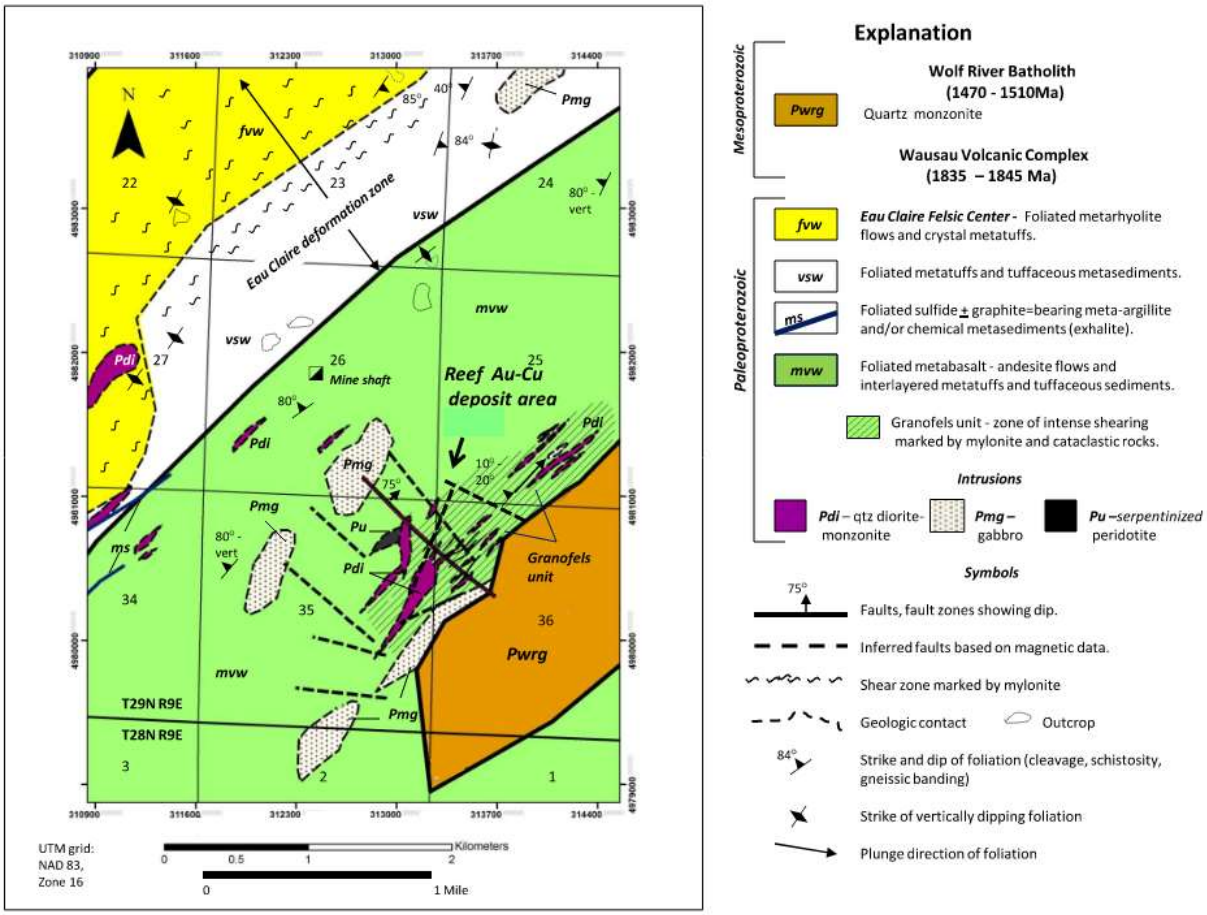


Figure 9. Reef District Geology

Regional metamorphic overprinting of the mafic volcanic sequence reached upper greenschist to lower amphibolite facies with few relict volcanic-sedimentary textures preserved. Metamorphic foliation is expressed as cleavage, schistosity or banding that is steeply dipping ($\geq 70°$) generally to the northwest and likely developed along primary bedding planes. Locally, tight isoclinal folding within the mafic sequence has been identified at the west end of the prospect area.

Both bounding fault structures of the mafic sequence belong to the Eau Claire fault zone (Figs. 9 and 10). This regionally extensive, northeast trending deformation zone is the dominant structural feature in the district. The fault zone extends further south beyond the Reef prospect area where it intersects the Eau Plane shear zone which is interpreted as a major structural terrane boundary of the PVB.

The Eau Claire fault zone consists of a series of en echelon fault and shear structures that are expressed by airborne magnetic data as parallel linear residual anomaly highs (Fig. 10; see *Section 9.1.2, VTEM/Mag Geophysical Response*). Based on the magnetic data, the zone is at

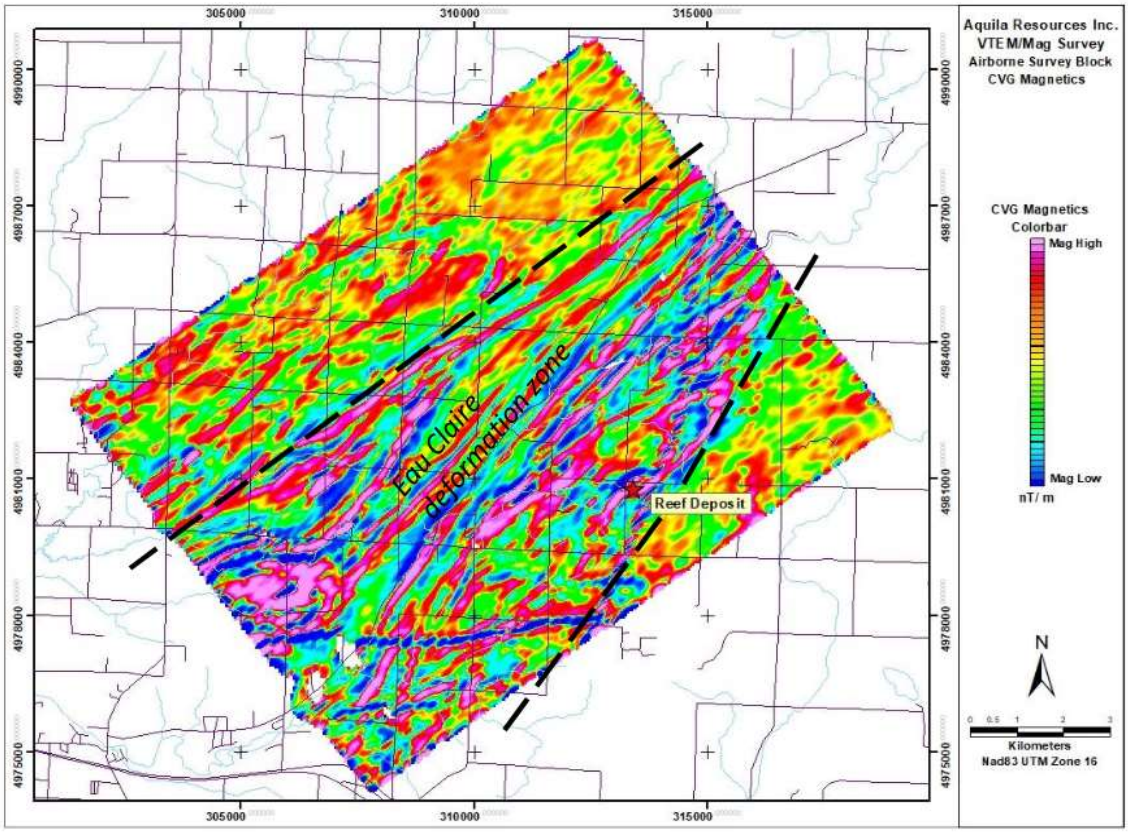


Figure 10. Vertical Gradient Magnetic Map, Eastern Marathon County

least 6 kilometers (3.73 mi) wide in the Reef prospect area. In rare outcrops, the zone is characterized by LaBerge and Myers (1983) as being composed of felsic cataclastized rocks that include flaser gneiss, mylonite, blastomylonite and phyllonite. This anastomosing structural zone overprints and disrupts the Eau Claire felsic center and parts of the adjacent mafic volcanic sequence where it extends into the Reef project area as a second-order shear zone. A number of

late, east-west trending, fault-controlled Keweenawan-age (1.1Ma.) mafic dikes (reversely polarized) intersect and cross-cut the deformation zone at its southern end in the district.

Glacial overburden consists of three mappable Pleistocene glacial units that cover most of the district. These include the Wausau Member of the Marathon Formation, the Merrill Member of Lincoln Formation and the Mapleview Member of the Horicon Formation (Cary drift). In the prospect area glacial overburden is associated with the Hancock moraine. The moraine consists of till, stratified till (drift) and outwash sediments contained in two lobes over the project area.

7.3 Property Geology

The geology in the Reef prospect area has been described in detail by Kennedy and Harding (1990) and more recently by Quigley, P. (2016). Additional geologic information is provided by a 1977 report compiled by NCMV that covers portions of the project area (Eisenbrey and DeMatties, 1977). Most of the following descriptions are taken from these reports.

7.3.1 Lithology, Stratigraphy and Structure

The Reef prospect area is dominated by a mafic stratigraphy that generally dips steeply to subvertical northwest and strikes northeast-southwest (Figs. 11 and 12). In the immediate project area, dominantly metabasalt, including massive and relict pillowed flows and interlayered schistose mafic metatuff, underlie much of the western to northwestern part of the prospect area. Interpreted felsic metavolcanic units are volumetrically insignificant.

The mafic sequence is intruded by felsic (dominantly granite) plutons that are concentrated in the western and southeastern parts of the project area. Gabbros, both sheared and non-sheared are more widely distributed. Additionally, a swarm of variably sheared, granophyric to porphyritic, locally aplitic, felsic (quartz monzonite to biotite quartz diorite) dikes or sills have been identified as well as an isolated, serpentinized peridotite intrusion consisting chiefly of serpentine and talc.

The most important unit in the mafic sequence is termed “granofels” and is a structural unit that hosts the dike-sill intrusion swarm and the Reef gold-copper mineralization. It is characterized as a biotite-rich, locally magnetic, foliated (sheared) mylonitic rock whose protolith is interpreted as mainly a gabbro. Relict textures are rarely preserved. Foliation (shearing) generally dips gently (average ~15°) to the northwest. The unit forms a northeast – southwest trending trough-like structural zone that has a shallow plunge to the northeast and is commonly underlain by non-sheared gabbro. Drilling has traced the zone for at least 2,400 meters (~8,000’) along strike and over a width up to 700 meters (~2,300’). Structural deformation of this unit is believed to be related to an overprinting, second-order shear zone related to the Eau Claire fault zone.

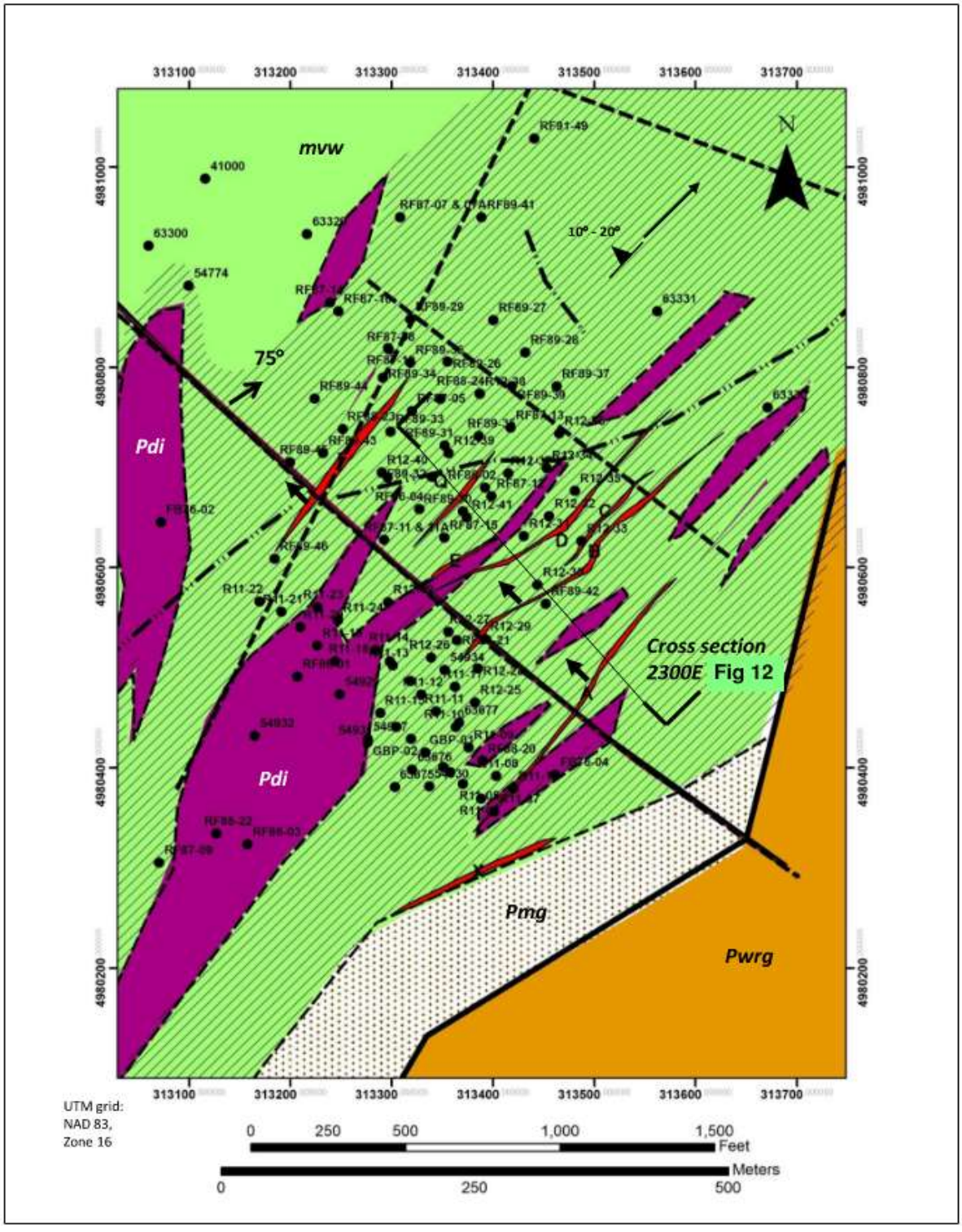


Figure 11. Geology of the Reef Prospect (See Fig. 9 for Explanation)

A number of inferred, northwest faults have been interpreted from airborne VTEM magnetic data that cross-cut the granofels unit. Some of these may be late Keweenawan in age but others could be older reactivated high-angle normal faults. Generally, lateral displacements of the section

appear to be minor. However, one fault identified by Noranda exhibits a large dextral offset based on ground magnetic data that corresponds to a change in geology.

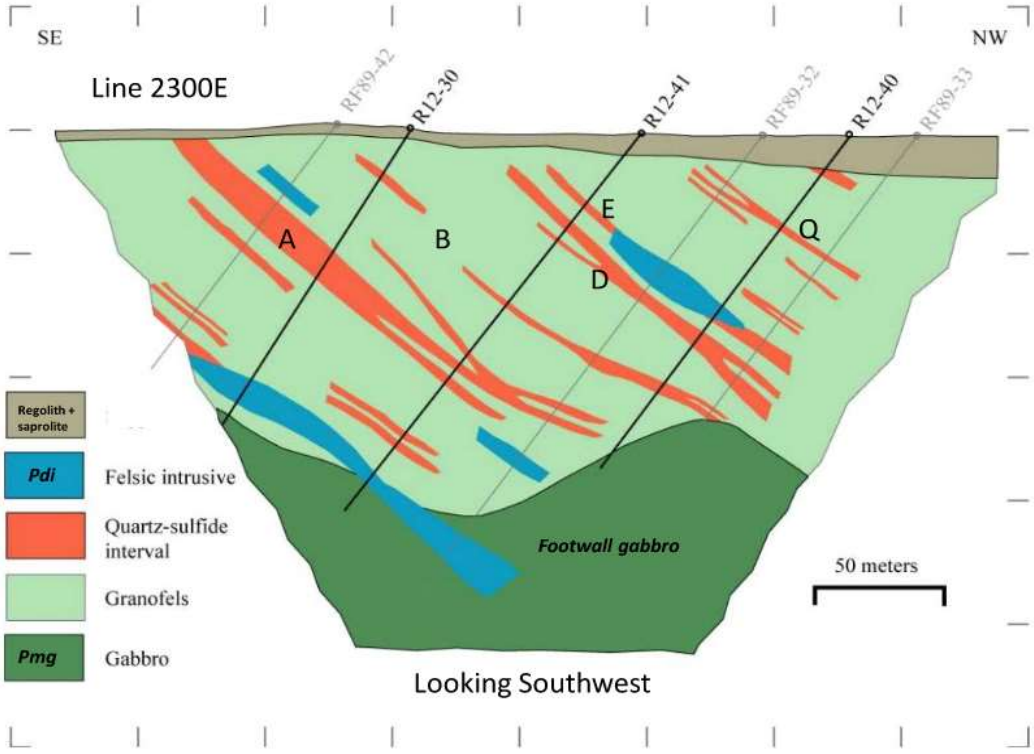


Figure 12. Simplified Geologic Cross Section of the Reef Deposit after Quigley, P. (2016)

The Hogarty hornblende granite, a border phase of the Wolf River batholith, underlies the eastern most part of the prospect area. LaBerge and Myers (1993) mapped a fault contact between the granite and granofels unit and is considered to be part of the Eau Claire fault zone.

As previously noted, the deposit area is covered by Pleistocene sediments associated with the Hancock moraine. Two lobes of till, stratified till, and glacial outwash extend to the west and northwest from the moraine. The northern lobe traverses the deposit area and extends towards the northwest, whereas the southern lobe passes south of the deposit area. Glaciofluvial transport was from east to west.

Clay derived from ponded, glaciofluvial deposits (paleochannel) have been mined from the surface near the deposit area. Sands and gravels occur at the base of these sediments; the stream draining the deposit area is located above this paleochannel. The southern lobe is identified by soil characteristics and a wide area of conductive overburden. This lobe is sandier than its northern counterpart and is interpreted as a thin blanket of drift and outwash.

In the deposit area, the Precambrian paleoweathering profile is well developed and commonly persists to depths of 6.1 (20') to 9.1 meters (30') beneath 0 to 3.3 meters (10') of glacial till or outwash. Paleoweathering can extend to depths of up to ~21 meters (~70'; Fig. 13).

Figure 13. Saprolite Drill Core

7.4 Gold-Copper Mineralization

Shear-zone-hosted gold-copper mineralization discovered at the Reef property has been described in detail by Kennedy and Harding (1990) and more recently by Quigley, P (2016). Much of the following descriptions are taken from these reports.

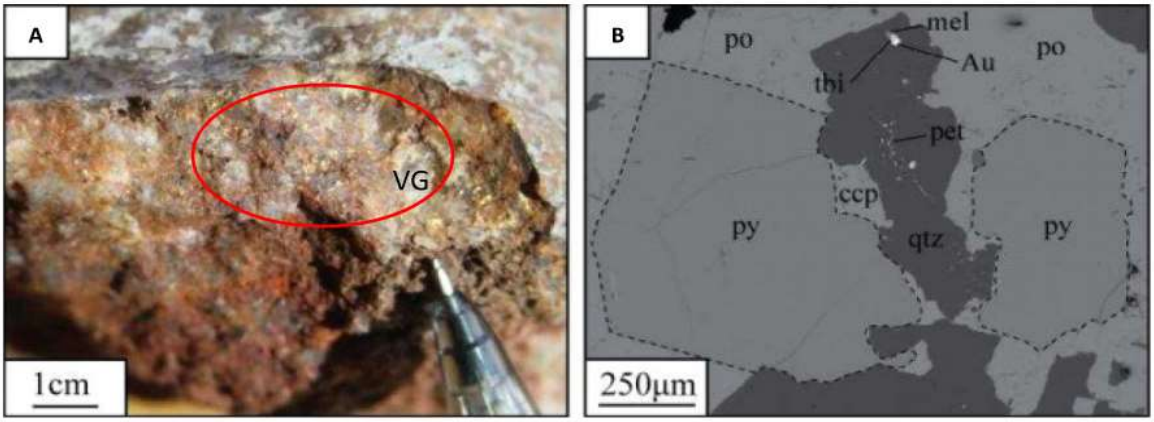
7.4.1 Morphology and Mineralogy

Drilling to date indicates that the bulk of the identified gold-copper mineralization occurs in eight structurally stacked, relatively thin (1 - 5m,), irregular sheet-like to lensoidal-shaped, shallow (~150m) zones (designated A through F, X and Q; Figs. 11 and 12) that are hosted in the sheared, mylonitic granofels unit. These zones, which may be locally anastomosing, are comprised of quartz-sulfide veins, vein stockwork breccias, sulfide lamellae in vein selvages, and intervals of sulfide veinlets (Fig. 14). They strike northeast-southwest (up to ~450m [1,500']) parallel to foliation in the granofels unit, dip gently (15°- 40° up to 60°) to the northwest and are spatially associated with a swarm of variably sheared granophyric to porphyritic, felsic (quartz monzonite to biotite quartz diorite) dikes or sills. An unsheared gabbro intrusion forms a stratigraphic footwall to the stacked mineralized zones.

Sulfide mineralogy of the mineralized zones is dominated by pyrrhotite and chalcopyrite with lesser pyrite and sphalerite. Gold occurs as native grains up to 55µm in diameter and less frequently in electrum and telluride minerals (frohbergite [$FeTe_2$], hessite [Ag_2Te] > petzite [Ag_3AuTe_2] and calaverite [$AuTe_2$] (Fig. 15). Other associated minerals include cubanite and rare molybdenite and

telluro-bismuthinite ($BiTe_2$). Magnetite occurs with pyrrhotite and chalcopyrite in some high sulfide veins but is not characteristically associated with gold. Supergene chalcocite occurs where mineralized zones subcrop within the paleoweathering profile. Textural styles suggest at least two episodes of gold mineralization; an initial event with gold encapsulated in sulfides and later events where gold was remobilized to sulfide and quartz vein boundaries and into microfractures.

Figure 14. Zone C Mineralization in Drill Core



(A) Strongly oxidized clast of mineralized vein quartz with fine-grained, visible native gold (VG). Clast weathered out of the Precambrian paleoweathering profile and found during boulder prospecting in the deposit area. **B)** Photomicrograph of typical gold-copper mineralization in a quartz (qtz-sulfide) vein. Besides native gold (Au), note the presence of telluride minerals including petzite (pet; Ag_3AuTe_2) and rare telluro-bismuthinite (; tbi; $BiTe_2$) and molybdenite (mel). Other sulfide minerals include pyrrhotite (po), pyrite (py), and chalcopyrite (ccp) all hosted in quartz (qtz) gangue.

Figure 15.Examples of Native Gold Identified at Reef from Quigley, P. (2016)

The mineralized units are collectively expressed as an IP anomaly and their continuity from hole to hole along strike has been demonstrated by historic mise-a-la masse surveys. However, drilling data suggests some of the high-grade gold zones (Zones C and F) may not be planar features and

exhibit a more northerly plunge within the plane of the mineralized zones (Figures 16 and 17). The plunge orientation of other high-grade gold zones is generally unknown although there is some geologic evidence to suggest the possibility of a more northerly plunge.

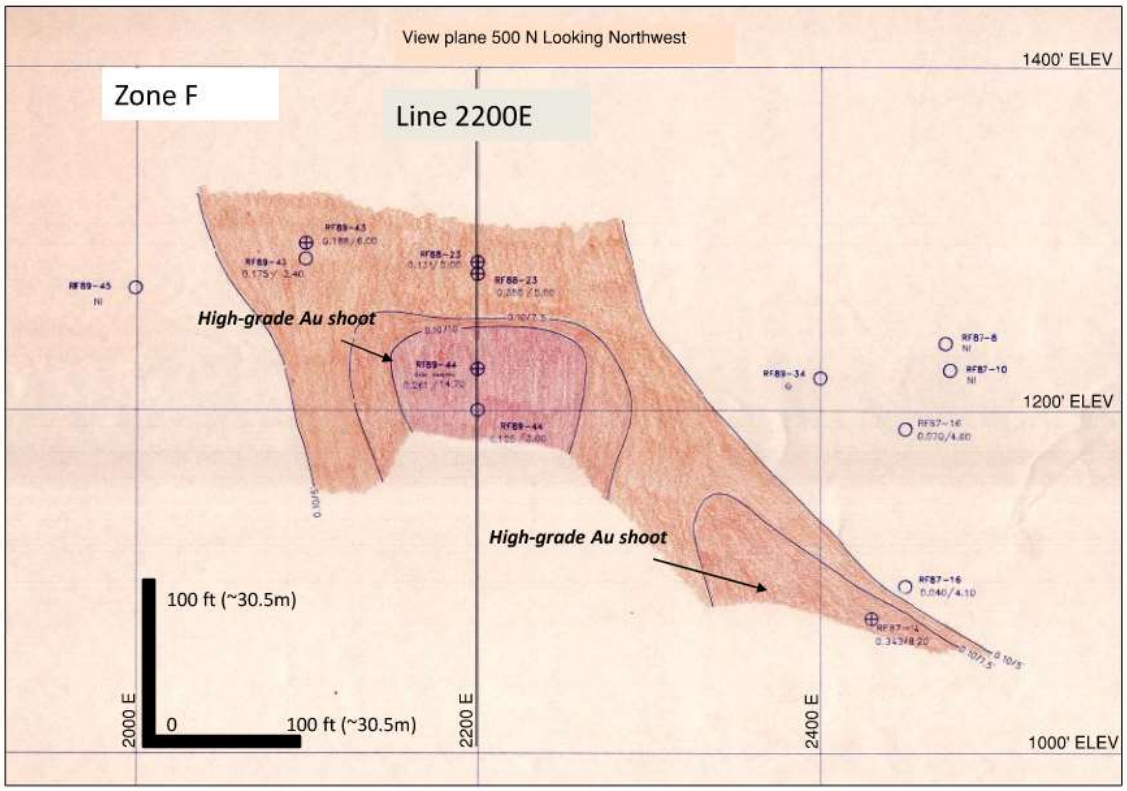


Figure 16. Vertical Longitudinal Section, Zone F (modified from Noranda, 1990)

Some zones subcrop within a paleoweathering profile (regolith + saprolite) where extensive supergene oxidation and local enrichment of both gold and copper has occurred.

7.4.2 Alteration

Common alteration minerals within the granofels host unit that are associated with gold-copper mineralization include biotite, tremolite, pyrrhotite, magnetite and sericite. Sericite occurs mainly in vein selvages and is occasionally associated with high-grade gold mineralization (e.g., drill hole RF88-23 and -24). Silicification is variable but can be intense locally, particularly along vein margins. Also, on the margins of many quartz-sulfide veins and along unmineralized projections of some zones, biotite is altered to leucoxene and chlorite or secondary biotite producing a fine white mottled texture.

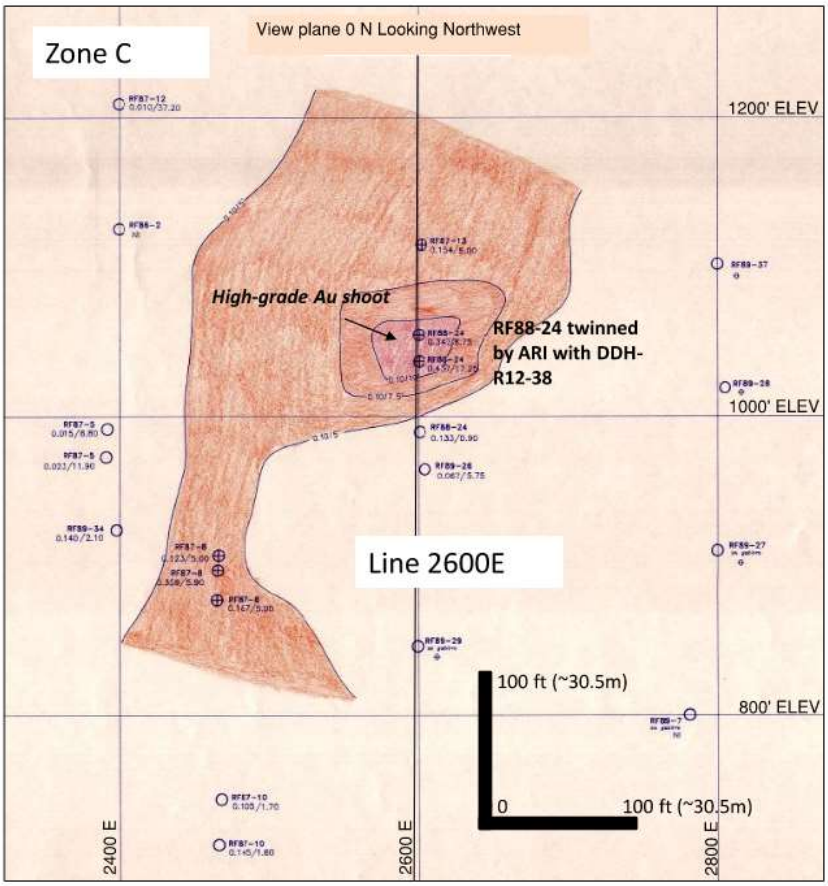


Figure 17. Vertical Longitudinal Section, Zone C (modified after Noranda, 1990)

Epidote and less abundant iron-rich garnet occur where projections of the mineralized zones pass through gabbro. Other calc-silicate minerals include diopside and anorthite, both occurring locally in Zone D. Fluorite occurs in veinlets and with magnetite in rare open-space fillings, commonly within or proximal to felsic dikes.

7.4.3 Mineralized Zones

Scanned copies of original geologic cross sections prepared by Noranda were reviewed for this section. The sections show that nearly all of the drillholes are drilled at an azimuth of approximately 135 degrees and dip approximately -50 degrees. This orientation was optimal for intersecting the northeast striking, northwest dipping mineralized domains and structural fabric.

Additionally, two vertical longitudinal assay sections (projections) of mineralized zones C and F prepared by Noranda are included in this report (Figs. 16 and 17). Longitudinal sections from the other zones were not available in ARI's database.

The mineralized zones were characterized by Noranda (1990) based on drilling results completed to 1989 and were summarized as follows:

1) Zones D and F and the projection of C are open at depth to the northeast. A fault zone may cut off the strike projections of Zones B, C, D and F to the southwest and the footwall gabbro unit appears to terminate Zones A and B at depth.

2) Zone B has a strike length greater than 1,100 feet (335 meters) and is much richer in copper than the other zones. It dips 60°, the steepest of any mineralized zone. Gold is concentrated along the southwestern portion of the zone. Zone C splays off of Zone B and extends down dip to the southwest before dissipating. Higher concentrations of sericite and pyrite characterize Zone B.

3) Zone D contains the most continuous gold mineralization identified to date extending to a vertical depth of at least 450 feet (137 meters) and likely subcrops within the paleoweathering profile. Zone F subcrops and is partially contained in the paleoweathering profile where supergene chalcocite mineralization has been identified.

4) Drilling suggests Zones B and D may extend over 0.5 miles (0.8 kilometers) to the northeast where narrow, weakly mineralized quartz-sulfide and felsic dikes were intersected in a gabbro host rock. These zones were associated with a residual magnetic anomaly.

5) Zone X is commonly associated with quartz-sulfide veins or sulfide laminae along the granofels-footwall gabbro contact. Gold mineralization is rather discontinuous in this zone.

Although mise-a-la masse geophysical surveys demonstrate continuity of the major mineralized zones, cross sections constructed by ARI confirm that gold distribution and grade continuity is highly variable and commonly discontinuous. Grade-thickness intervals in many drillhole intercepts are carried by only one or two significant gold values. Further, some of these high-grade gold values appear to occur mainly as isolated shoots within the zones defined by mise-a-la-masse surveys. Controls on their geometry are unknown currently.

8.0 Deposit Type

Gold-copper mineralization at the Reef prospect can be broadly classified as “orogenic” and specifically as a shear-zone-hosted, vein-type gold occurrence (Figures 18 and 19). Such deposits

are particularly common in Archean and Paleoproterozoic greenstone belts of the Canadian

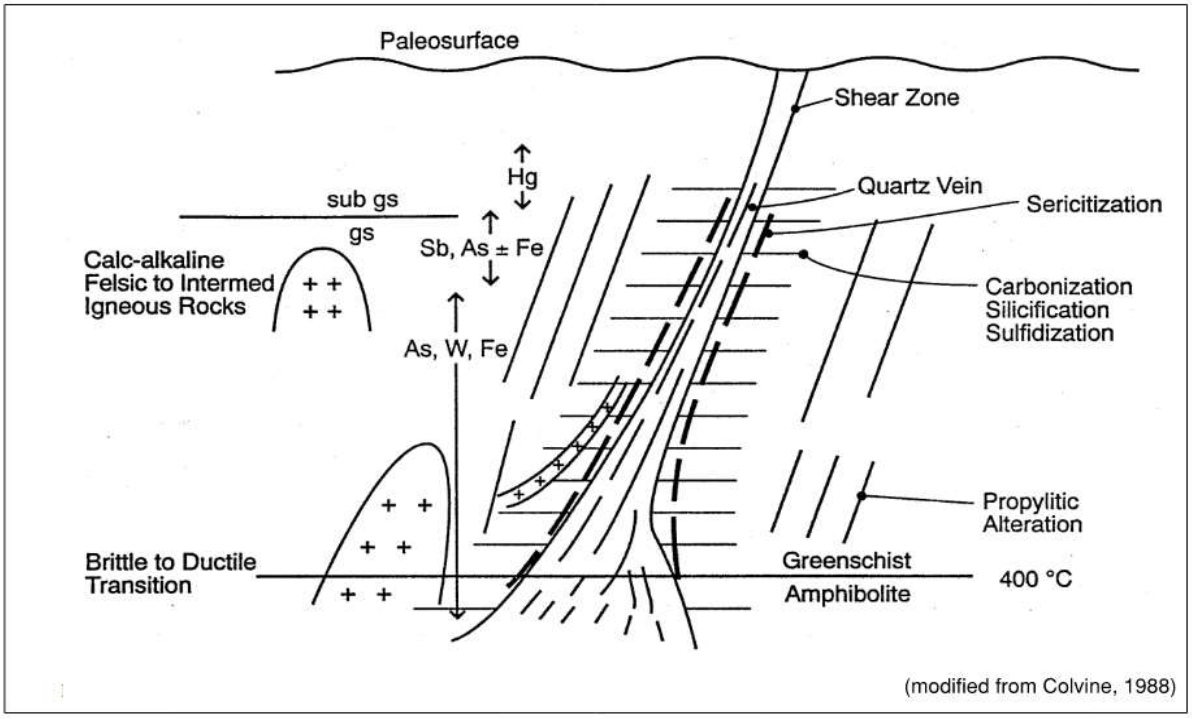


Figure 18. Characteristics of a Shear Zone-Hosted Gold Deposit

Shield. This deposit-type model has been described by Colvine, (1988) and more recently by Groves et al. (2018). These epigenetic deposits are related to large crustal to lithospheric-scale fault and shear deformation zones (first-order structures). Curvilinear segments or flexures (jogs) approximately 10° - 25° to the mean trend of the deformation zone are prospective. These jogs are commonly the site of arrays of 70° (oblique) cross fault structures that accommodate bending of more rigid components during shearing. Rotation of blocks between these accommodation faults causes failure of more competent units and/or reactivation and dilation of pre-existing structures leading to deposit-scale focusing of ore-fluid and gold deposition (Groves et al., 2018).

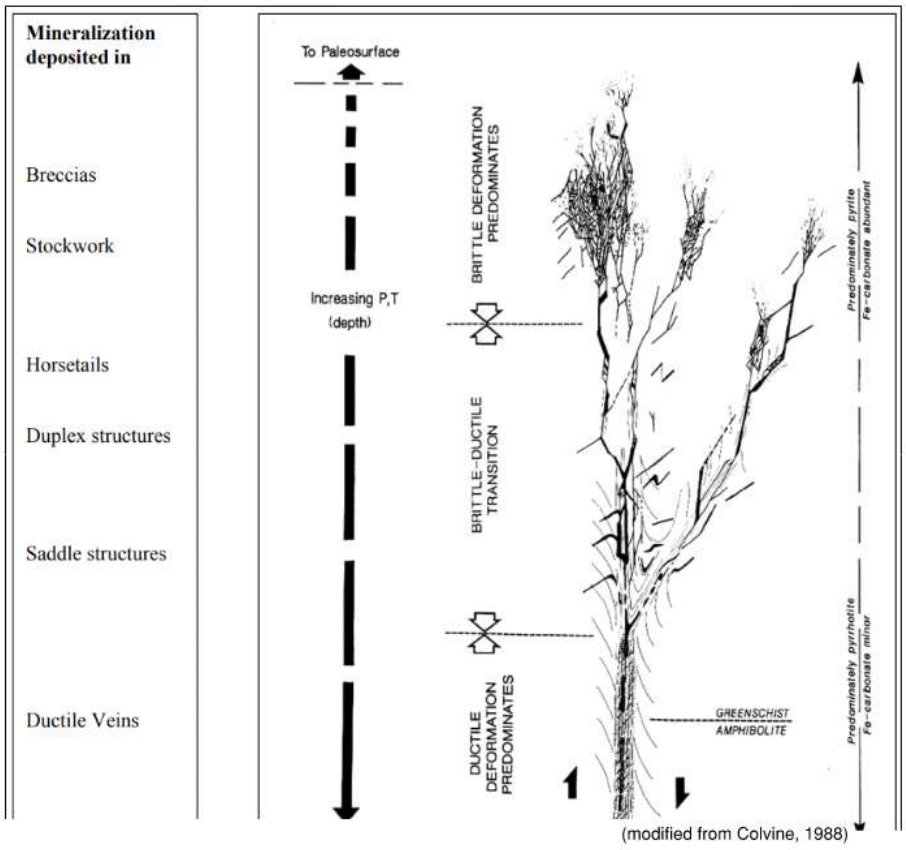


Figure 19. Idealized Composite Depositional Model for Archean-Proterozoic, Shear Zone-Hosted Gold Deposit

9.0 Exploration

No exploration work has been conducted by GLM. This section discusses exploration undertaken by the previous owner.

9.1 Historic Exploration Completed by ARI, 2011-2012

In 2010, ARI acquired a significant amount of Noranda's exploration data and drill core from the Reef project and began acquiring many of the original mining leases in 2010 and 2011. ARI compiled digital scans of the paper maps and cross sections drafted by Noranda and loaded data into geographic information system (GIS) software to recover the Noranda grid onsite and to relocate historic drillholes, surface sampling and geophysical surveys using the original grid coordinates. The collar locations were then converted to an established grid - North American Datum 1983 or NAD 83, Zone 16N (Appendix B).

ARI conducted surface sampling (soil, stream sediment, and float) in 2011 to 2012 within the immediate Reef prospect area as well as on a regional basis. Sampling within the prospect areas was conducted to confirm the results of Noranda's historic surface sampling results and regionally to identify additional areas prospective for gold mineralization. Results of ARI's surface sampling programs is contained in appendix E.

A total of 263 soil samples were collected along public road ways crossing the Reef project area and extending 2.5km to the northeast and 6.5km to southwest along strike of the Reef prospect. Samples were taken approximately every 100m and consisted of collecting samples of the B horizon by means of hand-auguring test holes outside of the disturbed roadways. Results of the survey within the extents of the preexisting Noranda survey showed reasonable correlation confirming the results of the past survey. Anomalous results were also identified to the north and southwest of the Reef prospect area. Anomalies consisted of single station anomalies ranging between 100-150ppb Au located 5-7km to the southwest and 2 multi-station anomalies ranging from 32-57ppb Au and 20-69ppb Au located 600m and 1,500m, respectively, to the north.

ARI collected a total of 36 stream sediment samples, on a regional basis, covering select streams within an approximate 9km radius of the Reef prospect area. Sampling consisting of panning sediment collected within the streams to identify the presence of gold particles and to create an approximately 50g sample of heavy mineral concentrate which was submitted for fire assay. Gold particles were identified in a total of 7 samples and anomalous gold values exceeding 500ppb were reported in 6 samples where no gold particles were identified. The results of the ARI stream sampling program indicated that such methods may be effective in identifying areas prospective for gold mineralization on a regional a basis.

Float sampling was carried out on ARI controlled properties with the objective of confirming the location of quartz boulders containing visible gold which had previously been identified by Noranda. A total of 19 samples of gold-bearing quartz float were identified and sampled within the NW ¼ of the SW ¼ of the NE ¼ of section 36, T29N R9E. An additional occurrence of quartz float was identified approximately 600 meters to the northeast which returned assays of 0.48, 1.93, and 39.23 ppm Au.

A total of 87 historic drillholes totaling 13,299 meters had been completed on the project prior to ARI's involvement. During 2011 and 2012, ARI drilled a total of 42 drillholes totaling ~4,500 meters expanding and defining mineralization to the southwest of the known mineralization and infilling and duplicating historic results in the main prospect area. During ARI's tenure on the project, the company also initiated data validation efforts on select historic drillholes. These efforts including relogging and resampling historic core from the Project's extensive historic core library and relocation of the original drill collar coordinates. A plan map showing the locations of the drillholes described above are presented in Figure 21. Through both ARI's 2010 and 2011 drilling campaigns as well as ARI's validation work on historic drillholes, ARI has collected and analyzed over 5,400 diamond drill core samples for precious metals, copper, sulfur and carbon (Appendix C – Table 4), with the majority also containing assay data for base metals and trace elements. 22 drill core samples have been analyzed for lithogeochemical whole rock and trace elemental analysis (Appendix D). Whole rock samples were collected across a variety of rock types with the objective of further understanding the geochemical signature of lithologies hosting

the Reef mineralization, however, no formal reports or interpretations of the results have been completed at this time. Details and results pertaining to ARI's drilling on the Reef prospect are further discussed in Section 10.

Most of the known mineralized zones are shown in selected assay cross sections prepared by ARI showing the 2011-12 drillholes as well as ARI relogged and resampled historic Noranda drillholes. A plan map showing all drilling and section locations is presented in Figure 21. Select ARI cross sections are presented in Figures 22 through 30.

9.2 Geotech Ltd. VTEM/Mag Survey – 2011

During the period February 22 through February 25, 2011, Geotech Ltd. (Geotech) completed a detailed airborne helicopter-based VTEM (PLUS) time domain electromagnetic and aeromagnetic survey encompassing the Reef project area located 19.2 kilometers east of the city of Wausau 8 km east of Wausau, Wisconsin. The survey was commissioned by ARI as part of their regional exploration program. A final logistics report and product deliverables including Geosoft-based grid files, maps, and archived digital data were produced by Geotech in June 2011.

The airborne VTEM/Mag survey consisted of a flight-block surrounding the Reef project area totaling approximately 144 square kilometers, flown in a northwest to southeast direction with nominal flight-line spacing of 200 meters. A total of 792.4 line-kilometers of geophysical data were acquired for the project.

With respect to the Geotech contract specifications, data quality and quality assurance control were generally adhered to by Geotech as processing of the geophysical data was completed daily as the survey progressed.

Geophysical data collected by the VTEM/Mag system included the acquisition of both the X and Z component data, which are presented as stacked profiles of the EM voltages for the B-field Z component, and magnetic field/time domain ratio (dB/dt) responses for the X and Z components. The VTEM 30Hz base frequency sampling times or measurement gates from early to late time ranged from .096 to 7.036 milliseconds. The onboard magnetic sensor utilized to collect magnetic data was Geometrics optically pumped cesium magnetometer sampling at an interval of 0.1 seconds. Diurnal magnetic corrections were applied to the final data utilizing a Geometrics base station magnetometer.

Airborne navigation of the helicopter, and data collection utilized the onboard Geotech PC104 navigation system with a position accuracy ranging from 1 to 1.8 meters, monitoring as many as 13 satellites. All flight paths were recorded as WGS 84 latitude/longitude, and then converted to NAD83, UTM Zone 16 North. Data positions for the VTEM/Mag data are expressed in UTM eastings (x), and UTM northings (y).

All data processing and final data compilation was completed by the Geosoft Oasis Montaj processing software package, as well as by Geotech in-house proprietary software. Processed survey map products (deliverables) included: Electromagnetic stacked profiles of the B-field, and dB/dt Z component data, Fraser Filtered dB/dt X component Channel 32, Calculated Time

Constant, B-Field Z Component Channel 32, and the Total Field Magnetic Intensity (TMI) at a map scale 1:20000. Geosoft-based digital data of the above-mentioned map products were also produced, including Geosoft grid files of the Calculated Vertical Gradient (CVG), Digital Terrain Model, and waveform file in Geosoft GDB format. Two copies of the data and maps were delivered on DVD to ARI.

9.2.1 VTEM/Mag Flight-block: Analysis and Interpretation

Numerous VTEM anomalies are identified within the Reef airborne flight-block, as evidenced in the Geotech generated in the Fraser Filtered dB/dt Channel 32 (SfxFF32), B-field Z Component Channel 36 (BFz36), and the dB/dt Calculated Time Constant (TAUSFz) grid and map files. The VTEM survey has identified apparent bedrock conductors which appear to have direct magnetic association as well as many cultural anomalies either due to electric power lines along roads, EM responses over houses, grounded steel posted fences, and other cultural entities located at the surface.

To date, no formal interpretation or report has been generated in terms of bedrock anomaly picks or review of the many magnetic anomalies observed within the VTEM/Mag flight-block.

9.2.2 Reef Prospect – VTEM/Mag Geophysical Response

With reference to the VTEM electromagnetic data, there is no discernable AEM anomaly directly associated with the Reef prospect. A major electric transmission line traverses in a northeast-southwest direction located immediately southeast of the deposit area. Furthermore, other cultural entities are located within the area, based upon Google Earth satellite imagery of the Reef target area.

However, all verified bedrock conductors may be of exploration interest, since the Reef gold mineralization is associated with pyrite, pyrrhotite, and chalcopyrite, although primarily in disseminated form. AEM conductors may reflect more massive sulfide concentrations containing gold mineralization.

The VTEM calculated magnetic vertical gradient data identifies the Eau Claire fault zone expressed as a major corridor of linear northeast-southwest trending magnetic anomalies representing a suite of sheared felsic, mafic and gabbroic rocks bordering the western margin of the Wolf River Batholith. The overall shear zone is approximately 6 kilometer-wide through the central portion of the flight-block (see Fig. 10).

In the Reef historic resource area, the TMI appears to reflect an offset or flexure in a northeast-southwest trending magnetic high, inferring a major northwest-southeast cross structure traversing perpendicular to the projection of gold mineralized zones. This cross structure is also identified in the Noranda historic ground magnetic data. A fault contact striking in a northeast-southwest direction is also interpreted from the CVG and TMI airborne magnetics traversing through the project area which appears to correlate with the strike of the most northwesterly gold mineralized zone. The Reef gold mineralized vein sets appear to be in fault contact with the northeast and southwest edges of the major magnetic high trending to the northeast (Fig. 27).

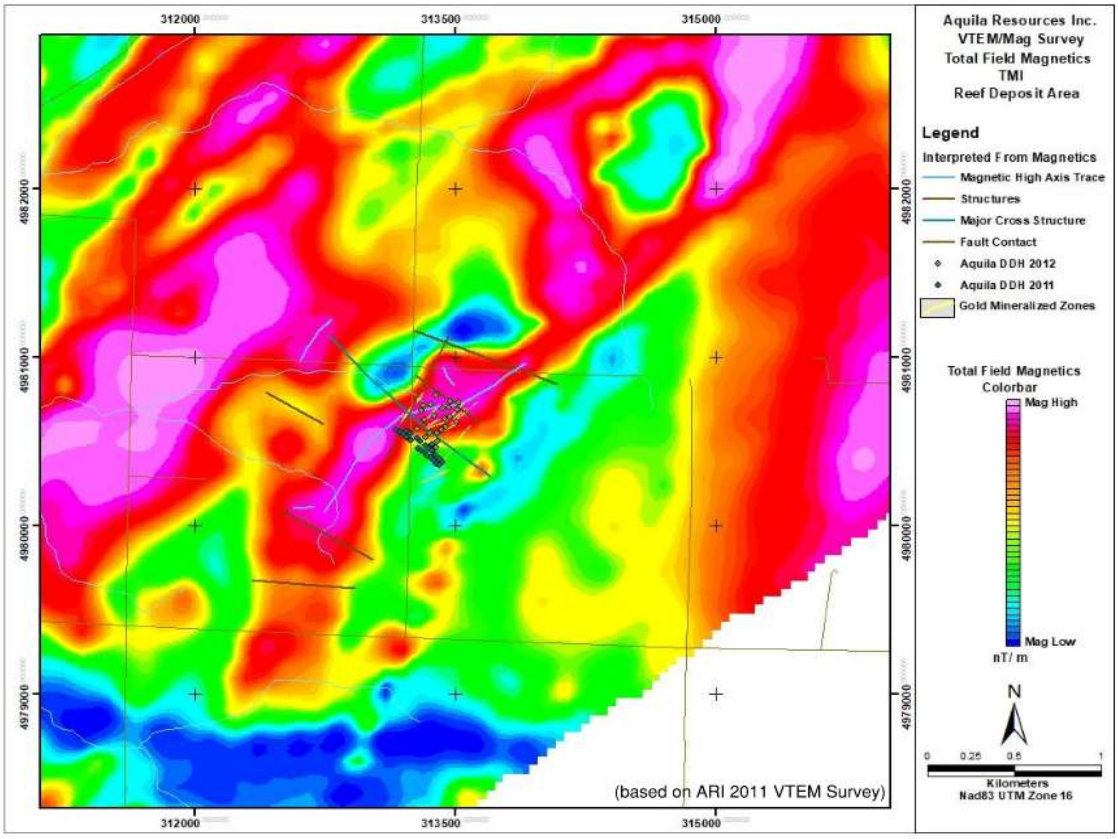


Figure 20. Total Field Magnetic Intensity (TMI) Map

The overall magnetic high associated with the location of the Reef prospect extends greater than 2.5 kilometers to the northeast and approximately 1.4 kilometers to the southwest. Additional magnetic highs are located to the northeast and southwest of the deposit area, although the magnetic anomalies to the south may be due to the major power-line transmission towers.

Also, in addition to the above observations, regional copper and gold-in-soil anomalies appear to be coincident either directly or flanking northeast-southwest trending linear magnetic highs.

10.0 Drilling

No exploration work has been conducted by GLM. This section discusses exploration undertaken by the previous owner.

10.1 Historic Drilling Completed by ARI, 2011-2012

The most recent drilling at the Reef prospect was conducted by ARI in two exploration drilling programs in 2011 and 2012. Idea Drilling Company, based in Virginia, Minnesota, was awarded the drilling contract. One U-6 skid/wheel-mounted drill rig was utilized for both programs. Similar to the Noranda drilling programs, ARI drilled all of the drillholes to the Southeast (azimuth 135 degrees) and a dip of approximately 50 degrees.

The 2011 drill program consisted of 24 core holes (1,969 meters) along two fences to test for extensions of the known mineralization along strike to the southwest. Drilling in 2012 consisted of 18 holes (2,455 meters) focused on twinning some of the known high-grade Noranda intercepts and step out drillholes to test the limits and continuity of the historic resource area as well as step outs from the 2011 drill program. Locations of drillholes completed during the 2011 and 2012 programs are shown in Figure 20.

In 2010, prior to beginning exploration at Reef, ARI acquired approximately 600 meters of historic Reef drill core as well as sample pulps from both ACNC and Noranda drill programs. The core and pulps were acquired from a landowner who had stored the core in a secure storage facility in Rhinelander, WI after it had been given to him by Noranda upon termination of the project. ARI located 24 historic drill collar locations on site and relogged and resampled 20 of the corresponding holes between 2011 and 2012. In April 2019, another storage unit full of Reef core was found in Rhinelander. The storage unit owner contacted ARI and the Reef core was purchased and relocated to ARI property in October 2019.

ARI drilled 42 holes, totaling over 4,500 meters in 2011 and 2012. Drilling focused on verifying and expanding upon historically identified gold +/- copper mineralization from surface to a depth of ~140 meters (~460'); mineralization appears to remain open in all directions.

Ground conditions during these two drill programs were generally good with core recoveries in the 90% to 100% range. NQ (47.7 mm) - sized core for each hole was logged and photographed by ARI geologists describing lithology, structure, alteration and mineralization. In addition, rock quality determinations were calculated and specific gravity measurements made for select samples.

Collar locations for all ARI drillholes, as well as a number of historical drillholes that were found and recovered within the project area were surveyed using a high-resolution differential global positioning system (GPS) unit (Locus system). Downhole surveys were performed on all ARI drillholes using a PeeWee downhole survey tool that measures deviation of azimuth downhole by means of magnetic methods (Appendix C, Table 2).

Geologic, assay, and survey data were compiled manually, entered into spreadsheets, and uploaded into 3-D mining software for analysis and interpretation. Generalized cross sections showing the ARI drilling along with the relogged and resampled historic drillholes are presented in plan maps and assay cross sections in figures 21 through 30. A table with the location, azimuth and dip of all ARI drill holes are provided in Appendix B and Appendix C – Table 1. Drilling results from ARI's 2011 and 2012 drill programs have been compiled and are tabulated below. Significant drill intercepts were manually composited and provided by GLM (Tables 3 and 4). Composites used a nominal cutoff grade of 0.25 g/t Au and included up to three meters of internal waste. Some composited intervals were extended beyond these parameters based on geology and/or significant copper mineralization (>0.1% Cu). Results of any significantly higher-grade intervals are reported as sub-sets within the lower grade intersection. Note that all reported intervals are drilled thickness and do not necessarily represent true thickness

10.2 Historic Drilling Completed by ARI, 2011-2012 - Summary

Drilling conducted by ARI, as well as validation efforts completed on historic drillholes, confirm the presence of several shallowly dipping mineralized gold zones as described previously by Noranda. Mineralization extends from surface to a depth of approximately 180m with variable strike lengths up to ~450m. Thicknesses of the mineralized zones are generally thin (typically between 1-5m,) containing variable gold grades across mineralized zones. Drilling by ARI in 2011 identified additional mineralization to the southwest and similar in nature to mineralization identified by Noranda within the 'core' prospect area. However, correlation between the newly identified mineralized zones and previously identified zones is uncertain at this time.

After a thorough review of data generated during ARI's 2011 and 2012 drilling programs as well as validation work completed on historic Noranda drillholes, the author has concluded that the quality and reliability of the data is adequate and deemed reliable for early-stage exploration programs.

Table 3: Significant Drilling Intercepts* – Aquila Resources Inc. 2011 Drill Program

DDH		From (m)	To (m)	Interval (m)*	Au g/t	Ag g/t	Cu %
GBP-1		0.00	3.80	3.80	7.11	2.92	0.01
		11.70	13.70	2.00	2.53	1.90	0.01
	Including	11.70	12.50	0.80	6.09	2.50	0.01
		25.30	31.50	6.20	0.80	4.39	0.09
	Including	26.80	28.20	1.40	2.77	17.70	0.05
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
GBP-2		8.00	11.00	3.00	0.94	0.15	0.01
		23.00	36.00	13.00	0.61	0.31	0.05
		53.60	65.50	11.90	0.95	1.18	0.08
	Including	62.50	65.50	3.00	2.48	1.05	0.08
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
GBP-3		1.22	5.03	3.81	2.41	2.78	0.01
		33.00	37.50	4.50	1.00	0.15	0.02
	Including	35.90	37.50	1.60	2.16	0.20	0.02
		60.70	72.60	11.90	2.81	1.45	0.10
	Including	65.00	70.00	5.00	6.14	2.06	0.13
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-4		53.50	56.20	2.70	1.93	1.45	0.10
	Including	54.20	55.40	1.20	3.79	2.19	0.16

DDH		From (m)	To (m)	Interval (m)*	Au g/t	Ag g/t	Cu %
R11-5		21.50	27.50	6.00	1.08	0.26	0.02
	Including	24.50	27.50	3.00	1.92	0.30	0.03
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-6		19.00	31.47	12.47	1.07	0.45	0.07
	Including	24.45	27.13	2.68	2.42	0.16	0.01
		51.40	54.03	2.63	0.86	0.11	0.02
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-7		9.15	14.70	5.55	1.08	0.53	0.04
		39.10	39.60	0.50	1.37	2.20	0.08
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-8		12.20	13.70	1.50	2.85	0.57	0.05
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-9		19.00	21.00	2.00	0.89	0.05	0.09
		30.75	41.25	10.50	1.70	4.14	0.17
	Including	31.71	35.30	3.59	4.25	8.50	0.20
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-10		10.21	19.50	9.29	0.79	1.04	0.12
	Including	16.50	18.40	1.90	3.01	2.53	0.13
		34.25	41.75	7.50	0.63	2.50	0.18
		47.26	54.50	7.24	4.97	9.01	0.30
	Including	49.00	51.35	2.35	11.86	23.02	0.75
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-11		16.90	33.57	16.65	0.33	1.48	0.13
		38.81	55.36	16.55	12.88	6.67	0.27
	Including	46.10	54.00	7.90	24.53	11.35	0.38
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-12		31.71	34.90	3.19	0.64	1.85	0.17
		38.25	39.70	1.45	1.66	0.49	0.04
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-13		4.27	5.18	0.91	1.07	0.30	0.01
		38.17	46.20	8.03	0.38	4.66	0.30
	Including	39.32	43.05	3.73	0.56	6.70	0.47
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-14		0.00	1.50	1.50	1.08	0.18	0.01
		34.90	36.00	1.10	3.70	0.90	0.06

DDH		From (m)	To (m)	Interval (m)*	Au g/t	Ag g/t	Cu %
R11-15		26.70	32.70	6.00	3.19	2.22	0.13
	including	27.20	28.65	1.45	11.95	5.26	0.25
		54.00	61.00	7.00	0.55	1.45	0.13
	including	57.00	60.00	3.00	0.96	2.24	0.20
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-16	**No significant values**						
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-17		34.00	45.00	11.00	2.31	3.10	0.20
	including	35.10	39.00	3.90	5.07	5.26	0.27
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-18		68.30	72.00	3.70	0.37	1.87	0.10
	including	68.30	70.00	1.70	0.60	2.46	0.12
		85.00	87.35	2.35	1.08	1.96	0.21
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-19	**No significant values**						
R11-20	**No significant values**						
R11-21	**No significant values**						
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-22		0.00	1.20	1.20	2.54	0.05	0.00
		22.05	23.80	1.75	4.96	1.90	0.18
		37.80	42.00	4.20	0.47	1.21	0.15
		48.00	50.00	2.00	0.86	1.32	0.18
		78.75	85.00	6.25	1.40	0.61	0.09
	including	80.79	83.50	2.71	2.99	0.59	0.05
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-23		83.00	90.50	7.50	6.16	0.29	0.07
	including	85.50	87.90	2.40	18.85	0.52	0.12
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R11-24		59.00	60.50	1.50	1.19	0.70	0.05
		69.50	76.77	7.27	2.95	16.85	0.60
	including	75.50	76.77	1.27	9.81	1.60	0.09

*****_Reported intervals are drilled thickness and do not necessarily represent true thickness_

Table 4: Significant Drilling Intercepts* – Aquila Resources Inc. 2012 Drill Program

DDH		From (m)	To (m)	Interval (m)*	Au g/t	Ag g/t	Cu %
R12-25		21.30	36.47	15.17	1.20	1.82	0.14
	including	32.40	35.00	2.60	4.69	2.10	0.12
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-26		43.00	58.50	15.50	1.76	1.72	0.08
	Including	50.75	52.30	1.55	2.89	5.70	0.25
	Including	57.50	58.50	1.00	19.25	4.60	0.14
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-27		61.20	68.05	6.85	0.60	4.81	0.26
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-28		38.10	45.30	7.20	0.60	3.20	0.14
	Including	38.10	40.40	2.30	1.23	5.98	0.25
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-29		1.20	6.40	5.20	0.48	2.04	0.02
		57.50	61.84	4.34	2.02	3.19	0.18
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-30		20.85	26.00	5.15	5.64	5.60	0.62
	Including	20.85	23.40	2.55	10.47	10.11	1.07
		52.00	66.00	14.00	0.88	1.23	0.21
	Including	56.00	58.25	2.25	4.26	2.35	0.28
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-31		89.42	93.38	3.96	0.61	1.08	0.13
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-32	**No significant values**						
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-33		3.05	5.49	2.44	0.49	0.08	0.03
		74.98	76.00	1.02	1.05	0.60	0.14
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-34		15.69	20.00	4.31	0.57	1.49	0.11
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-35	**No significant values**						
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-36		39.91	44.00	4.09	0.43	1.49	0.15

		62.70	65.07	2.37	0.52	0.36	0.07
		75.00	76.50	1.50	1.17	0.50	0.02
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-37		59.00	66.50	7.50	0.62	0.56	0.05
	including	64.90	66.50	1.60	1.96	0.60	0.04
		90.00	107.48	17.48	0.42	0.47	0.08
	including	95.50	97.43	1.93	0.74	0.50	0.09
	including	103.05	104.50	1.45	1.20	0.40	0.06
		120.35	129.00	8.65	0.68	1.52	0.19
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-38		80.50	145.73	65.23	2.80	1.25	0.17
	Including	100.19	105.23	5.04	5.99	1.83	0.20
	Including	115.12	124.00	8.88	13.14	3.74	0.44
	Including	135.50	137.62	2.12	4.24	1.36	0.18
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-39		63.76	65.00	1.24	2.70	0.80	0.10
		83.00	95.00	12.00	2.44	0.74	0.08
	Including	88.34	90.60	2.26	10.81	2.01	0.18
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-40		8.54	17.38	8.84	0.70	1.06	0.05
	Including	14.63	17.38	2.75	1.47	2.69	0.16
		31.69	36.00	4.31	7.93	2.98	0.19
	Including	31.69	32.69	1.00	32.57	5.10	0.15
		60.63	62.18	1.55	37.17	4.90	0.13
		95.70	103.50	7.80	5.40	1.61	0.10
	Including	96.72	100.76	4.04	9.14	2.32	0.14
DDH		**From (m)**	**To (m)**	**Interval (m)***	**Au g/t**	**Ag g/t**	**Cu %**
R12-41		44.45	52.05	7.60	2.16	1.25	0.19
	Including	45.50	48.65	3.15	4.38	1.41	0.17
		58.07	61.40	3.33	0.86	0.64	0.14
		112.50	121.00	8.50	1.40	3.19	0.37
	Including	115.12	117.76	2.64	3.70	7.73	0.74

***Reported intervals are drilled thickness and do not necessarily represent true thickness*

Based on the author's review of the Reef assay database and the tabulated significant intervals prepared by GLM and presented in Tables 3 and 4, it is the author's opinion that these results accurately reflect the nature of gold mineralization identified at the Reef prospect to date.

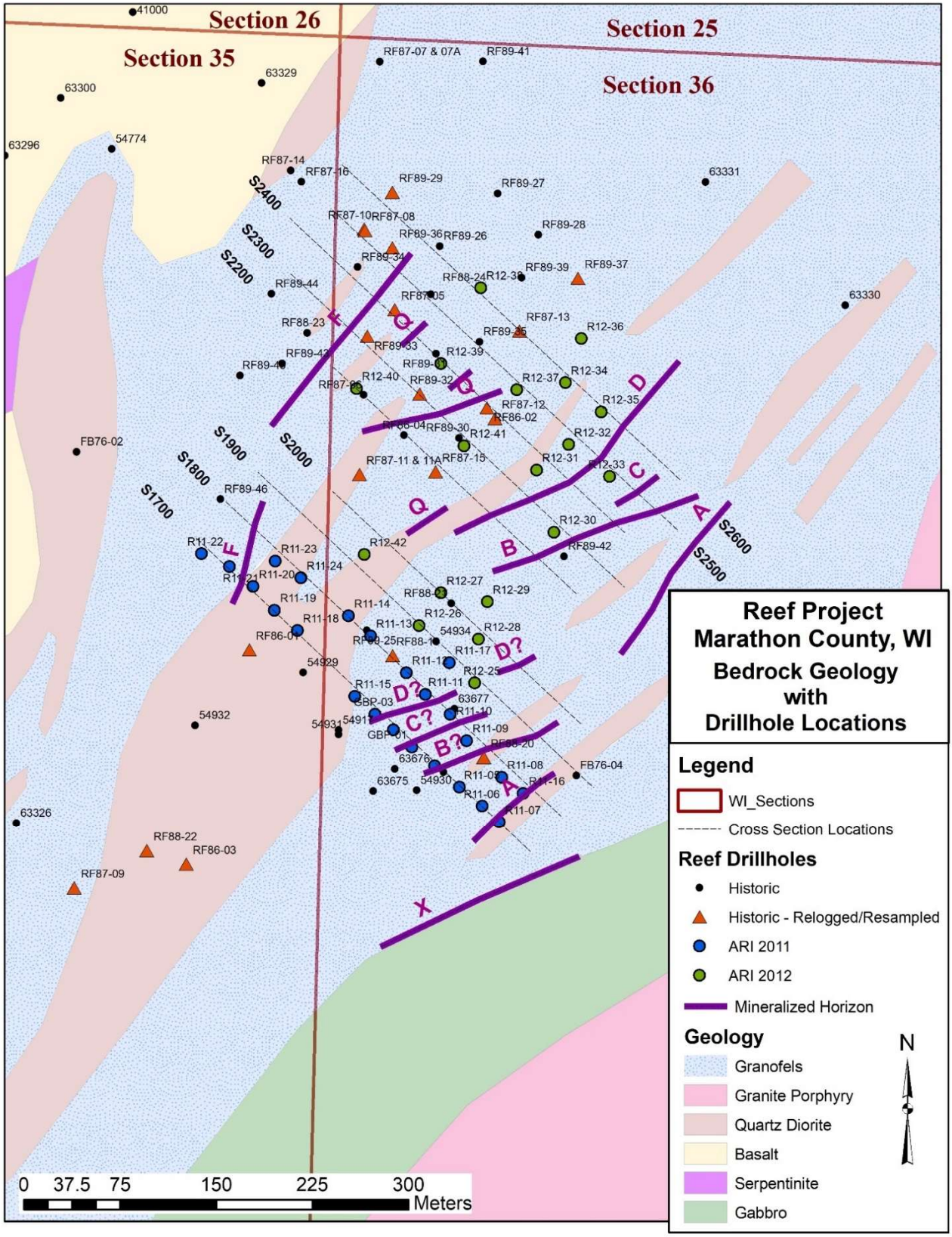


Figure 21. Plan Map Showing Section Lines, Drillholes and Surface Projections of Mineralization

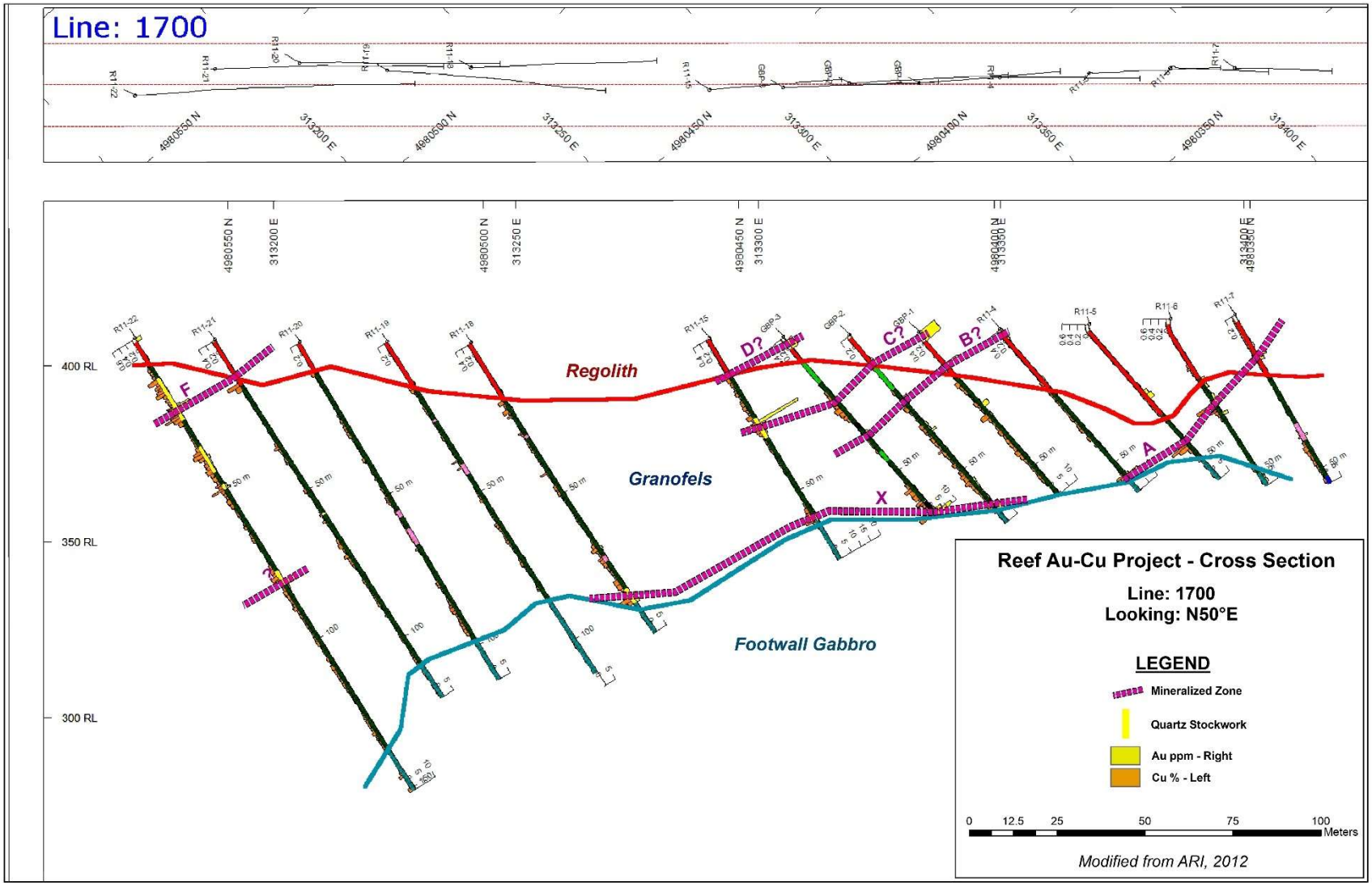


Figure 22. Assay Cross Section, Line 1700E

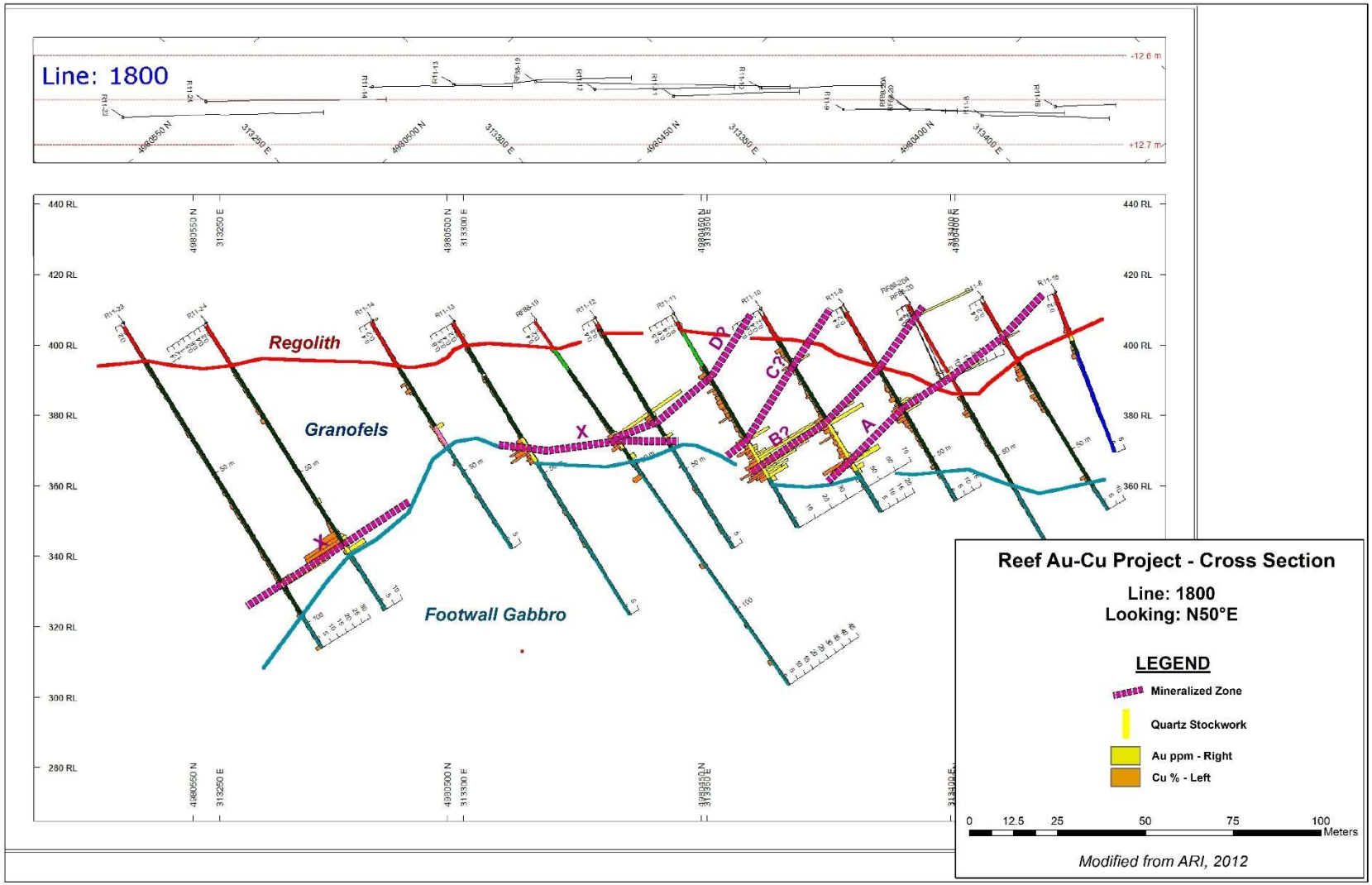


Figure 23. Assay Cross Section, Line 1800E

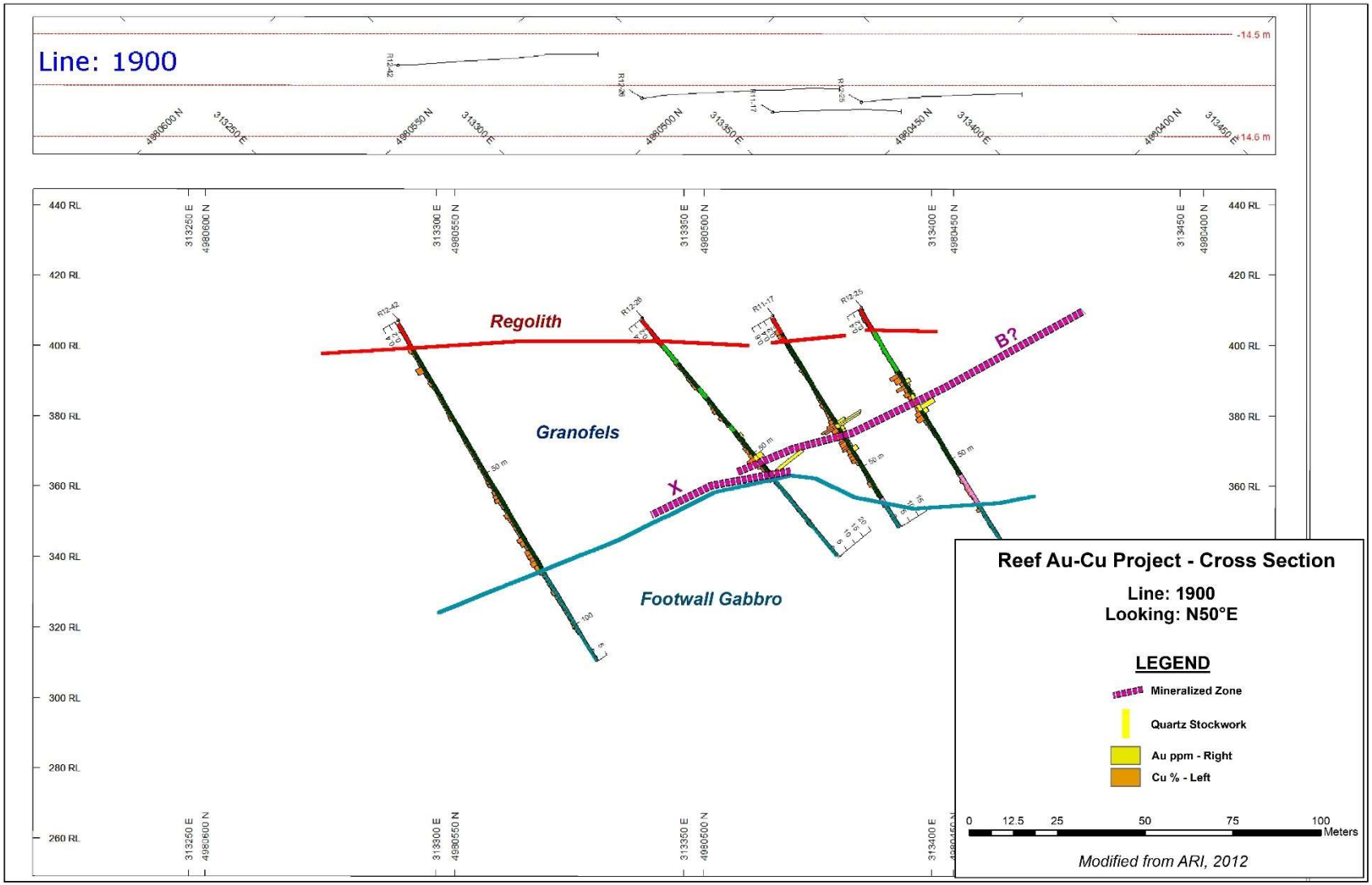


Figure 24. Assay Cross Section, Line 1900E

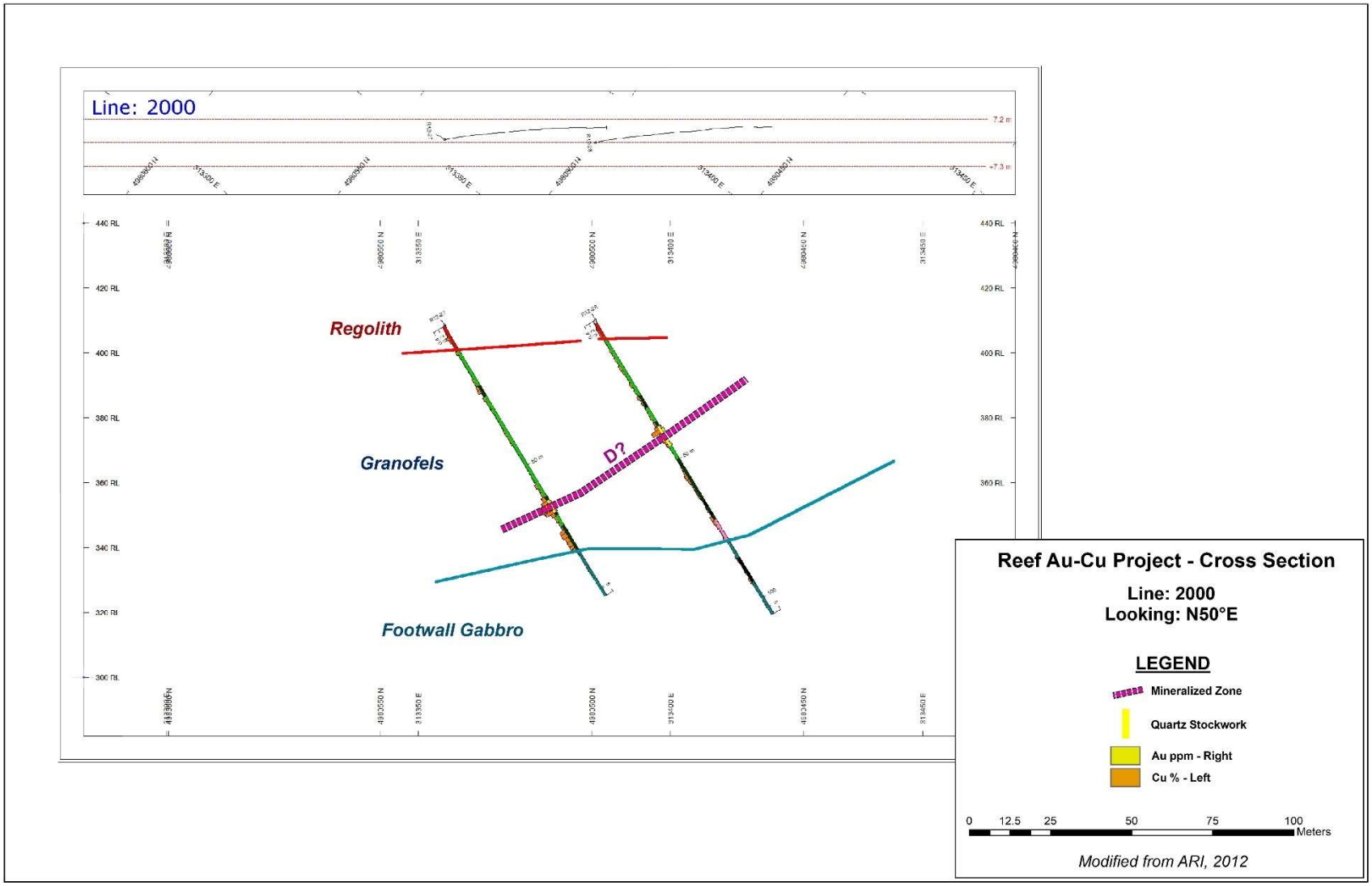


Figure 25. Assay Cross Section, Line 2000E

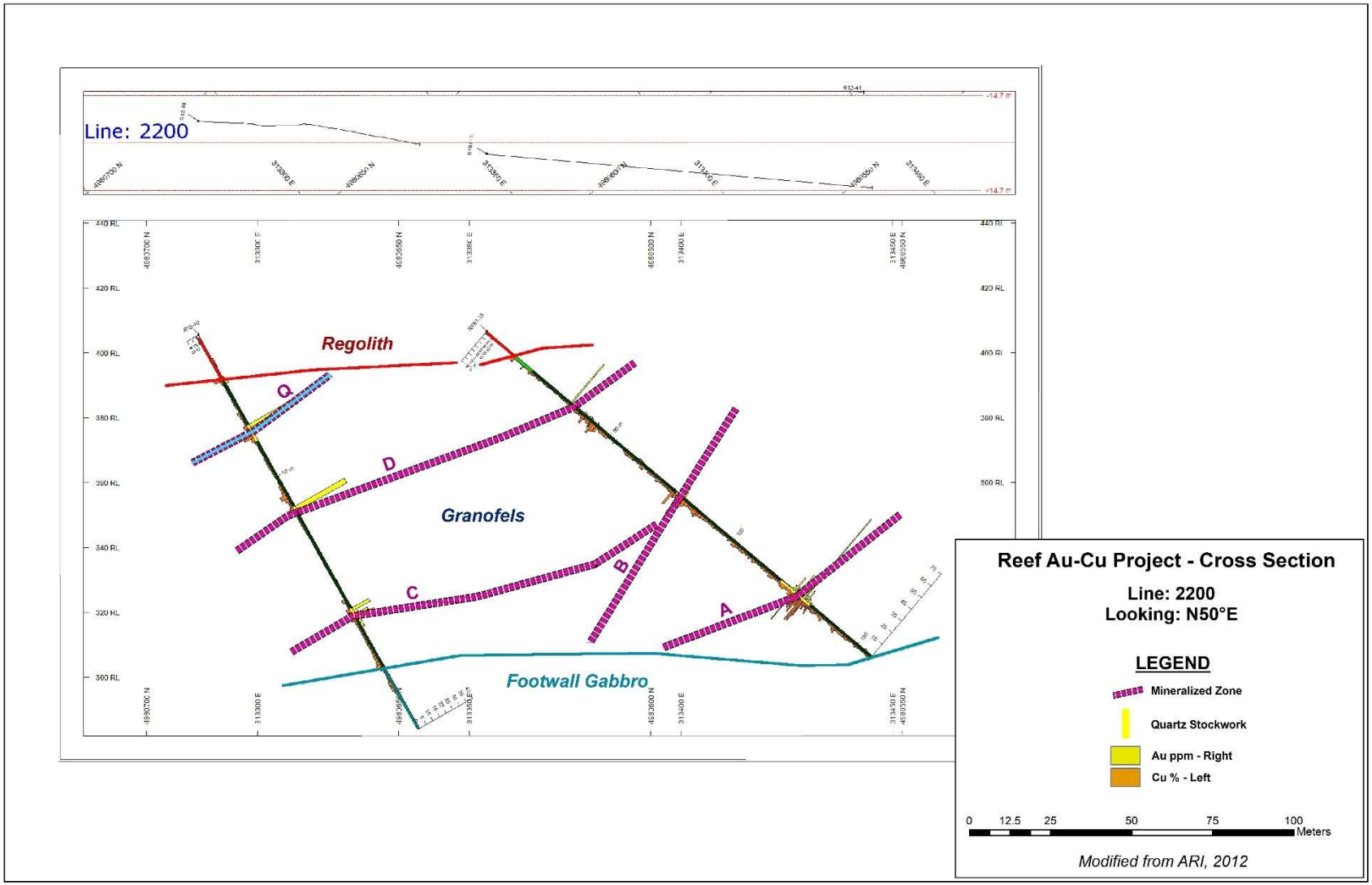


Figure 26. Assay Cross Section, Line 2200E

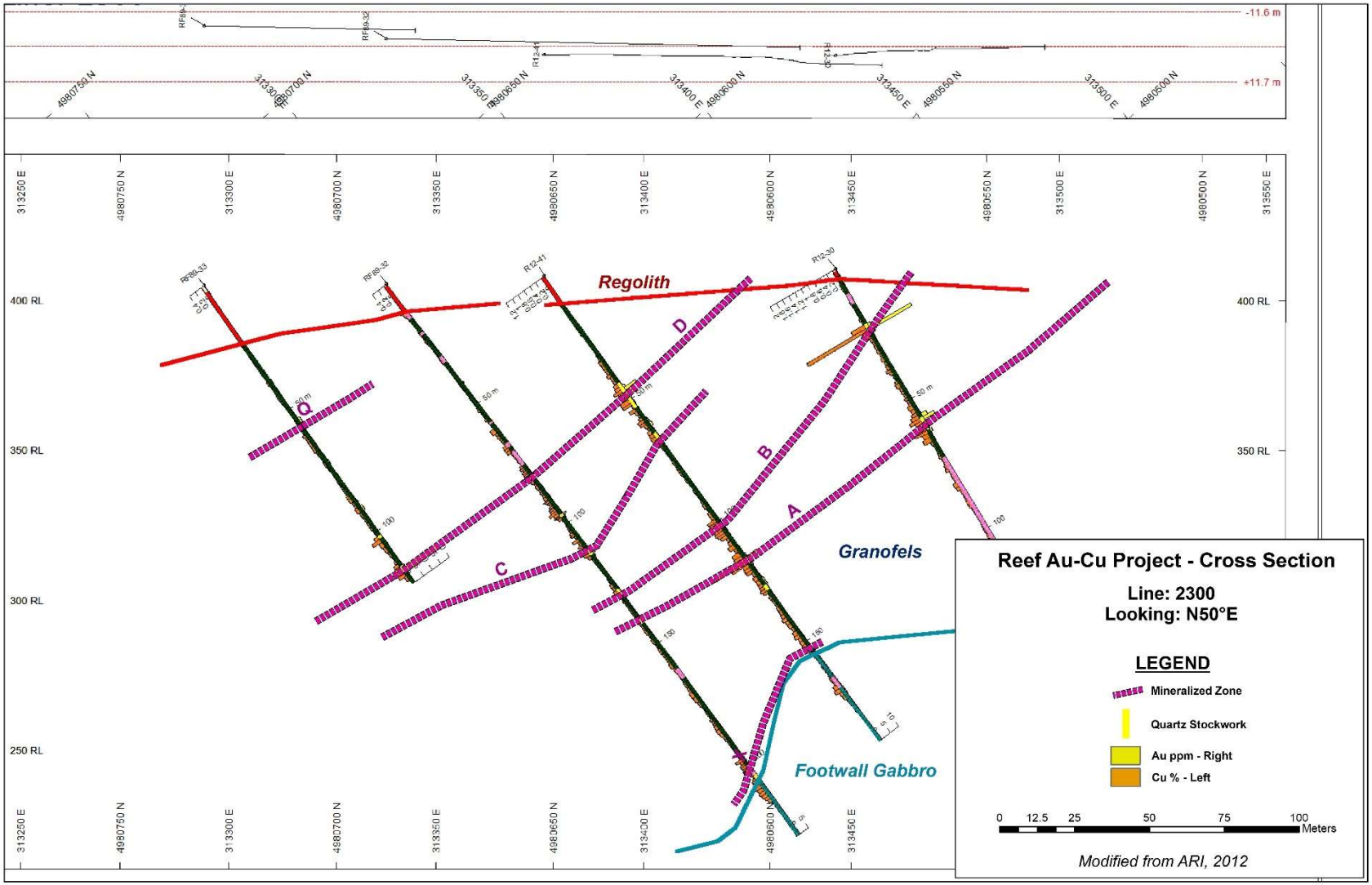


Figure 27. Assay Cross Section, Line 2300E

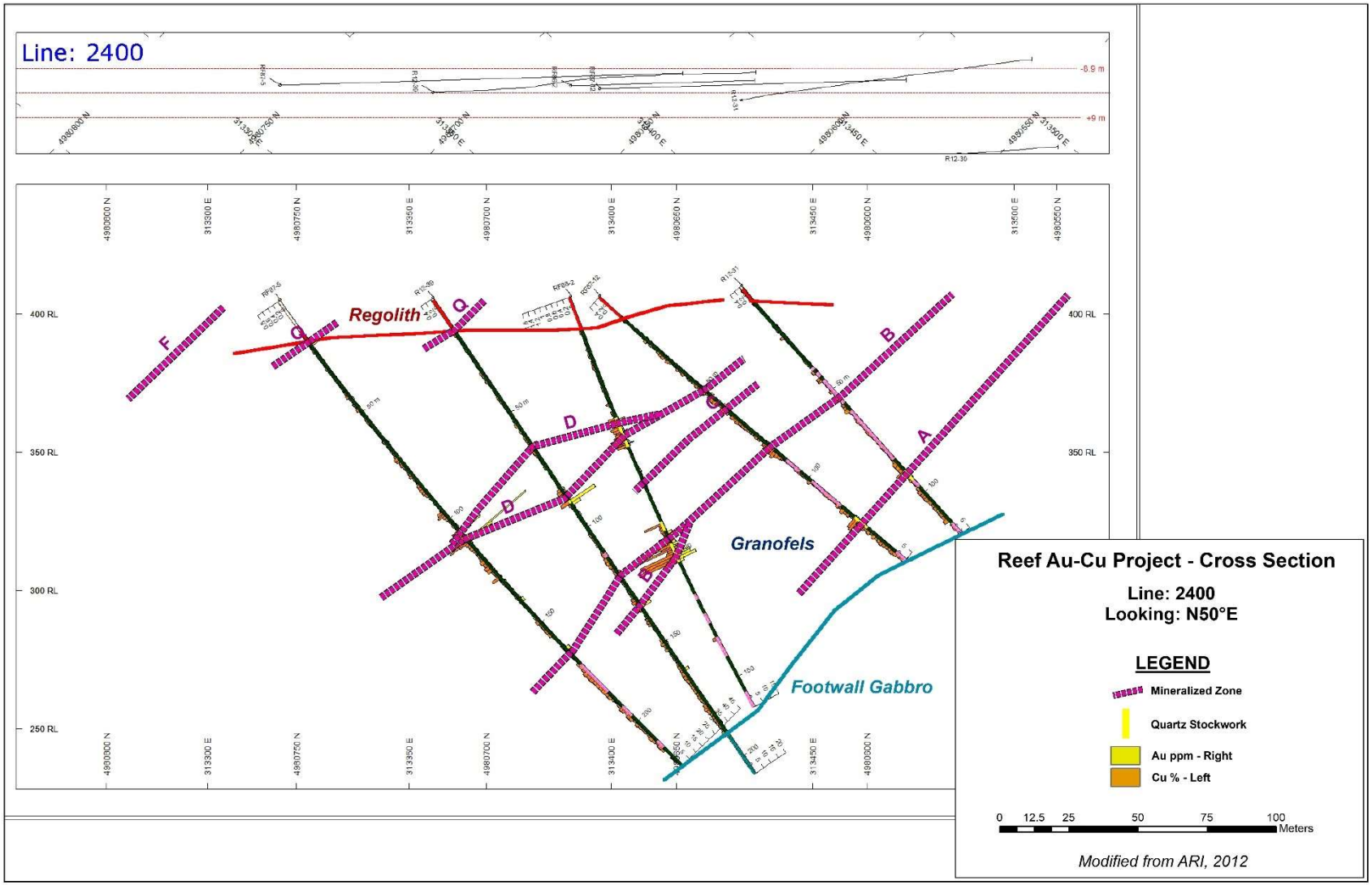


Figure 28. Assay Cross Section, Line 2400E

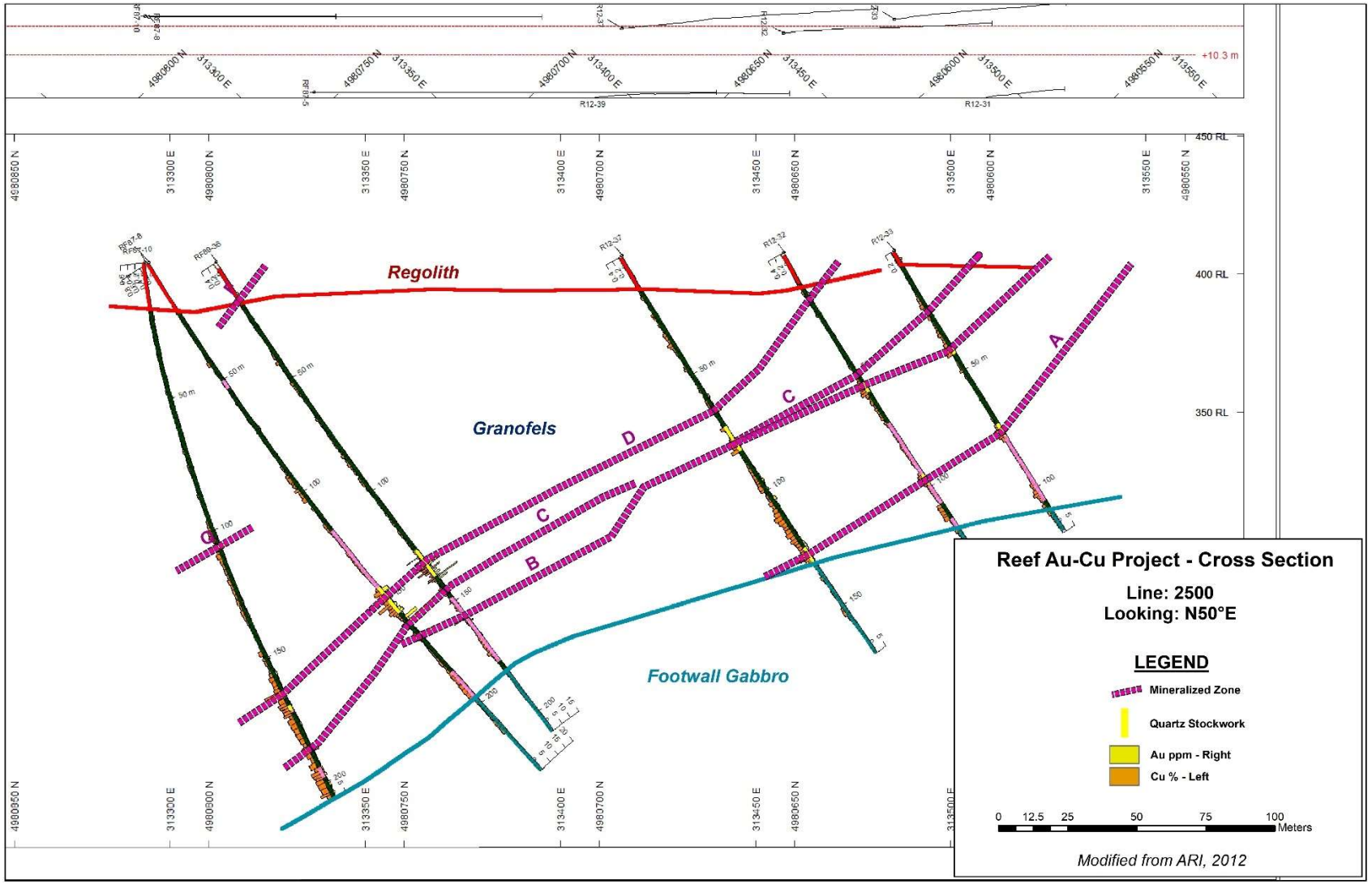


Figure 29. Assay Cross Section, Line 2500E

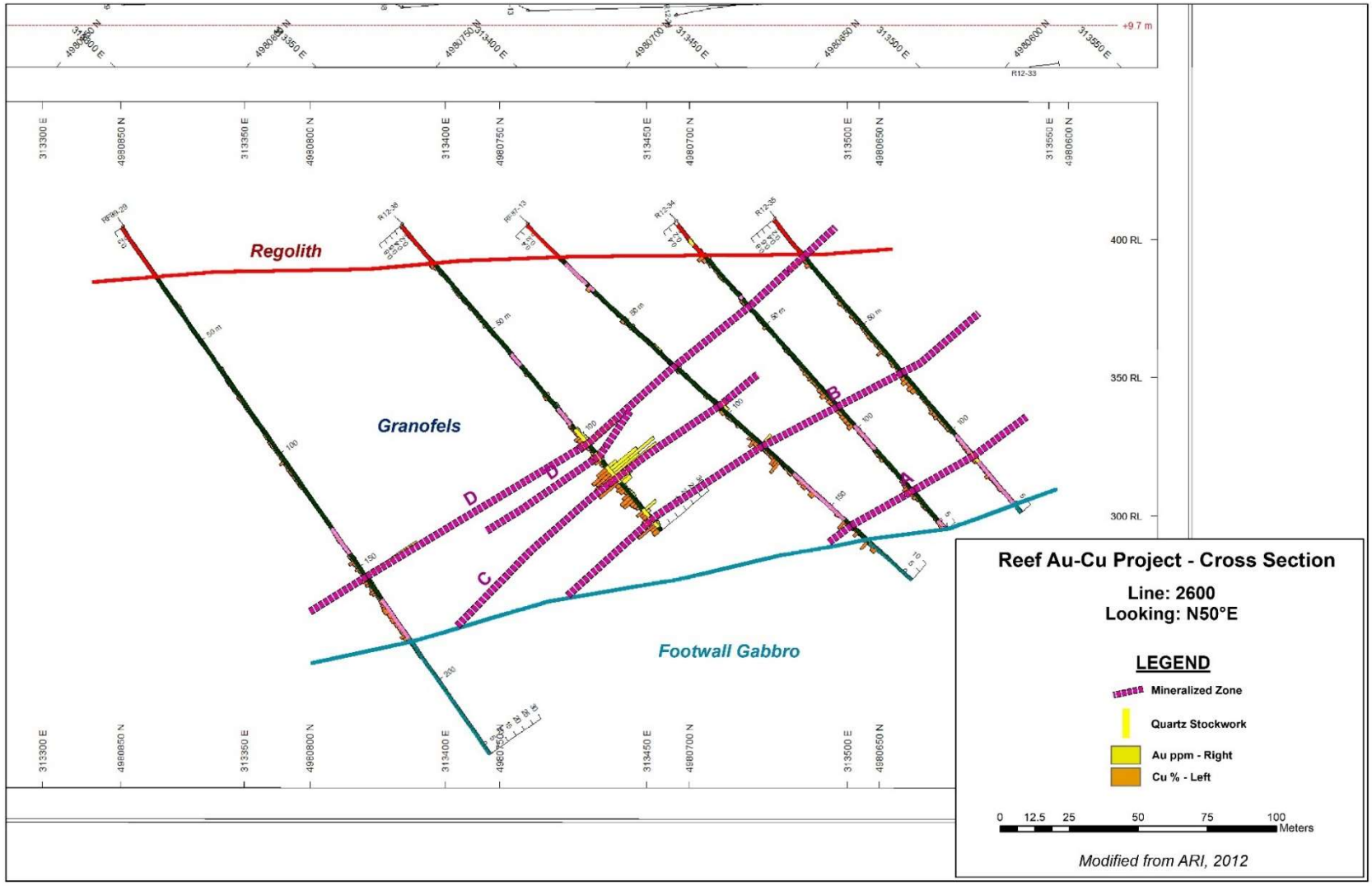


Figure 30. Assay Cross Section, Line 2500E

11.0 Sample Preparation, Analyses and Security

No new sampling has been completed on the property by GLM at the time of this report. All descriptions below pertain to work completed by ARI.

11.1 Historic Sampling Completed by ARI, 2011-2012

During the ARI 2011 and 2012 drill programs, core was transported from the drill rig to a secure core facility located approximately 19 kilometers from the property. All drillholes were logged in their entirety by ARI geologists. Geological logging included breaking out lithologic units and providing descriptions of the rock type, mineralization, alteration as well as taking structural measurements. Geologists sampled each hole including both mineralized and unmineralized rock. Sample intervals were generally 0.5 to 1.5 meters in length and varied based on breaks in lithology and/or mineralization. Certified reference materials (including reference standards and certified blanks) were inserted into the sample stream at a rate of one standard and/or blank per 20 samples. Rock quality determination measurements (RQD) were also made for each hole by ARI geologists and/or geologic technicians and the entirety of each hole was photographed. Sampled intervals were sawn in half by ARI technicians who then sampled the core by placing one half of the core in labeled sample bags. Samples were then packaged and sent out for sample preparation and geochemical analysis. A total of 3,346 samples were assayed from the two drill programs and are contained within GLM's assay database (Appendix C – Tale 4). In 2012 ARI implemented a program to take specific gravity measurements on select drillholes and intervals from the 2012 drill program. A total of 755 assayed intervals contain specific gravity measurements.

Logging and sampling conducted by ARI on historic ACNC and Noranda drill core was conducted at an ARI core storage facility located in Daggett, MI, approximately 4 miles from ARI's main offices in Stephenson, MI. Select intervals were relogged and sampled by ARI geologists. Geologic logging of the drillholes was conducted in the same manner and using the same lithologies and geologic descriptors as was completed for ARI drilling programs. Where available, ARI geologists selected continuous sample intervals which included all mineralization of interest as well as adjacent unmineralized rock. Certified reference materials, including certified standards and blanks, were inserted into the sample stream as discussed above. Where available, sample pulps generated from the original sampling conducted by ACNC and Noranda were sent in their original pulp packages for geochemical analysis. As compilations of the historic sample and assay data were not available, ARI geologists referenced sample numbers labeled on pulp packages with sample tickets contained within the core boxes. Intervals were either copied from the sample tickets, or were measured by ARI geologists. In instances where sample pulps were not available, sampled intervals were selected and marked during core logging and the remaining ½ core was quartered by ARI technicians, with one-half of the core being placed in individually marked sample bags and sent out for geochemical analysis. A total of 2,082 samples were assayed from historic core and pulps and are contained within GLM's assay database (Appendix C – Table 4).

All samples collected during the ARI 2011 and 2012 drill programs, as well as samples collected from the historic ACNC and Noranda drill holes were sent to Minerals Processing Corporation Inc., Carney, MI, (MPC) for sample preparation. Upon completion, prepared sample pulps were sent by MPC to Bureau Veritas, Mineral Laboratories, USA, Inspectorate America Corporation, Sparks, Nevada (BV) for further geochemical analysis.

Based on a review of geologic logs, core photos, assay and sampling data, along with the authors involvement and familiarity with the methods and procedures implemented during the ARI drill programs, the author concludes that the quality and reliability of the geologic data generated by ARI is adequate and deemed reliable for early-stage exploration programs.

11.2 Sample Preparation and Analysis (ARI 2011-2012)

ARI rock and core samples were sent to Minerals Processing Corporation Inc., Carney, MI, (MPC) for sample preparation and select assay analysis. Rock and core samples were prepped by first drying each sample in a drying oven at 110°C for 1.5 hours. Dried samples were crushed in a jaw crusher to >70% passing through a #10 US standard sieve and then split using a standard sample splitter to produce a 250g sample. The split sample was then pulverized with a puck and ring pulverizer to >85% passing 200 mesh. Prepped samples were packaged by MPC and sent to BV for further analysis. MPC also conducted select analyses, including Sulfur and Carbon by LECO, and check assays for gold using a standard 30g or 15g gram fire assay with gravimetric finish.

Formal Certificates of Analysis in PDF format were not available in the GLM files provided to the author. Certificates in spreadsheet form, originally provided by BV, as well as sample submittal forms sent to BV by ARI were available in the GLM files, as were descriptions of analytical procedures described in press releases published by ARI. It is indicated that a 30-element analytical package was used for base metals and trace elements analysis (30-AR-TR). Samples were digested in aqua regia and analyzed by ICP-AES. Over limits for copper was reanalyzed using AAS (Cu-AR-OR-AA). Silver was analyzed by aqua regia digestion and AA/ICP finish (Ag-AR-TR). Over limits for silver (>100 g/t) were reanalyzed by fire assay with a gravimetric finish (Ag-1AT-GV). Gold was analyzed with a 30g fire assay with AA finish (Au-1AT-AA) and all samples >3 g/t were reanalyzed with fire assay using a gravimetric finish (Au-1AT-GV).

In 2012, ARI began a program to collect specific gravity measurements on assayed intervals from the 2012 drill program. ARI technicians collected specific gravity measurements on all assayed intervals by weighing and recording the weight of the entire half-core sample both dry and wet (weight of sample completely submerged in water). The specific gravity is calculated by dividing the dry weight by the difference of the dry weight and the wet weight. At the time of each measurement, the temperature of the water was recorded and a water temperature correction was applied to the calculation. A total of 755 specific gravity measurements were collected.

Bureau Veritas, Mineral Laboratories, USA, Inspectorate America Corporation, Sparks, Nevada (BV) is an ISO certified laboratory providing laboratory testing and analysis for the exploration and mining industries globally. While MPC was not, at this time, ISO certified, an independent audit of the procedures and methods utilized by MPC was conducted on MPC by BV and it was determined that the procedures and methods used by MPC were deemed satisfactory for the

purposes of sample preparation, Sulfur and Carbon determination by Leco analysis, and fire assay with gravimetric finish. GLM's database consists of gold and multielement analyses as reported from BV. Gold assays performed by MPC were utilized as check assays to monitor the performance of BV and were not used in the final database.

11.3 Security (ARI 2011-2012)

During the 2011 and 2012 drill programs, core was stored at the drill site in a secure area before being transferred by ARI employees to the company's core logging facility located approximately 19 miles from the project site where the core was logged, photographed, and marked to be cut and sampled. After completion of each drill hole, core was transported to ARI's core processing facility located in Daggett, MI where the core was cut and sampled by ARI technicians. After samples were bagged and tagged with a unique sample ID, ARI employees transported the samples to MPC Laboratory located in Carney, MI approximately 10 miles away. After completion of sample preparation, MPC submitted prepared pulps directly to BV.

All historic and ARI generated core and sample pulps are currently being stored in secure warehouses, located on private property, west of the town of Stephenson, MI.

All exploration data provided by ARI was downloaded by the author from a secure cloud-based server. All digital files are also backed up on a physical hard drive.

11.4 Quality Control/Quality Assurance (ARI 2011-2012)

All exploration work at the Reef project was conducted under the supervision of appropriately qualified geologists. During the 2011 and 2012 drill programs, as well as the re-logging of historical drillholes, ARI implemented industry standard quality assurance/quality control (QA/QC) protocol. This included the insertion of certified blanks and standards into the sample stream for all samples that were submitted for analysis at the Reef project. Certified standards and/or blanks were inserted in the sample stream at a nominal rate of one blank and one standard every 20 samples.

In addition, ARI submitted duplicate samples to MPC for gold analysis by fire assay with gravimetric finish to verify and confirm results received by BV. A total of 231 duplicate samples were submitted for analysis to MPC, which were used for verification purposes. Only BV gold assays are included in ARI's assay database.

No documentation of QA/QC performance was provided by GLM for this report. An initial assessment of their Quality Control procedures was undertaken by the Author and is presented in Section 12.

12.0 Data Verification

Between October and December of 2024, the author reviewed digital exploration files provided by ARI. Files reviewed by the author included drillhole database files (collar locations, downhole surveys, geology, and assay data files), as well as geologic logs, core photos, raw assay data and

geophysical data. Based on the files provided by ARI, no formal evaluation on QA/QC data, namely the performance of certified reference materials (CRM) had been completed previously. As part of this review, the author has conducted a partial evaluation on the performance of CRMs and blanks as well as a partial validation of the assay database. The author also conducted a site visit to the Reef property in November, 2024. Due to the fact that the Reef drill core is currently palletized and in storage and is largely inaccessible at this time, the drill core was not inspected by the author. However, due to the authors familiarity with the Reef project and having been directly involved with exploration activities during ARI's tenure, it was not deemed necessary to review drill core for this report.

On November 5th and 6th, 2024 the author conducted a site visit to the Reef property. During the site visit the author inspected the GLM controlled properties and located a number of drill sites from ARI's 2011 drill campaign with handheld GPS (sub-meter accuracy). All sites were completely revegetated and only clearings associated with the drill sites and access routes were identified. No pickets marking the drill collars were observed. Two drillholes (R11-11 and R11-12), which were not abandoned by ARI and remain open were located. GPS coordinates taken of these drill holes were found to be in good agreement (within ~2.5 meters) of the coordinates contained within GLM's database. Additionally, the author visited and confirmed the location of gold-bearing quartz boulders that had previously been identified.

For the purposes of data validation, the author reviewed the current drillhole database which contains collar locations, downhole survey data, lithologic information, and assay data (Appendix C – Tables 1-4). Below is a summary of the observations and recommendations from this review:

- **Drillhole Collar Locations**
    - All 2011 and 2012 ARI drillholes were surveyed using a high-precision static GPS unit (Locus System) tied to a local base station on the property. The location of the local base station was established relative to a National Geodetic Survey benchmark located near the project area.
    - ARI located and surveyed 24 historic drill collars on the property (ARI, August, 2011). 20 of these drillholes have been partially or fully re-logged and resampled and data from these holes have been included in the drillhole database.
    - A local engineering firm (CWE, Inc.) completed a survey over the Reef project in which the historic geophysical grid, historic drillhole collars and other features either identified on site or identified on historic exploration maps were surveyed. The paper report produced from this survey was not available for review, however, spreadsheets within the ARI data were reviewed that compare ARI and CWE surveyed locations. This data indicates vertical and horizontal locations determined by CWE and ARI to be within approximately 0.5 meters for historic drill holes that were located during the surveys.

- **Downhole Survey Data**

- All 2011 and 2012 ARI drillholes were surveyed using a downhole survey tool (PeeWee) determining changes in drillhole azimuth and dip by means of magnetic methods.
- Historic drillholes do not have downhole survey data and the dip and azimuth of historical drillholes within the drillhole database was derived from the 'set' dip and azimuth at the start of each hole as documented on historical cross sections.

- **Assay Data – General**

  - The current assay database contains 5,474 sample records with assay analyses and includes:
    - 5,425 gold assays
    - 5,425 silver assays
    - 5,299 copper assays
    - 5,099 carbon and sulfur assays
  - All assay values within the database for gold, silver, and copper were derived from analyses conducted by Inspectorate Laboratories (BV).
    - The following precedence was honored when constructing the database based on multiple analyses being conducted for the same element on the same sample:
      - Au – Fire assay with AA finish for all samples. Samples below detection limit (<0.005ppm) were assigned a value of "0" in the assay database. For samples containing greater than 3ppm Au, a new fire assay was completed and Au content determined by means of a gravimetric finish and reported in the assay database.
      - Ag – ICP analysis with aqua regia digestion for all samples. Samples below the detection limit (0.1ppm) were assigned a value of "0.05" in the assay database. For samples containing greater than 100ppm Ag, a fire assay was completed for Ag analysis with a gravimetric finish and reported in the assay database.
      - Cu – determined by ICP analysis with aqua regia digestion. All samples greater than 1.0% copper were re-run using an "ore-grade" package (aqua regia digestion with AA finish) and reported in the assay database.
  - All assay values for carbon and sulfur were derived from LECO analyses conducted by MPC.

- **Assay Data – Database Validation**

  - ARI's data files included certificates provided by laboratories in spreadsheet format and did not include hard copies (paper copies or certificates in PDF format) of the certificates.
  - The author conducted a preliminary validation of the assay database which included compiling approximately 57% of the gold assay data from BV certificates and comparing them against the assay database.

        - No errors were found in the assay database when compared to the spreadsheet certificates and the assay database was found to honor the precedence as described above.

- **Assay Data – QA/QC performance (Blanks and Standards)**

    - There were no formal compilations, reviews, or reports on QA/QC standard and blank performance found in the data files provided by ARI.
    - The author conducted a preliminary review of standard and blank performance on 50% of the assayed drillholes contained within the assay database.
        - Two certified blanks were used within the evaluated sample data which were acquired from CDN laboratories of B.C. Canada (CDN-BL-9 and CDN-BL-10) both with a recommended Au value <0.01ppm.
            - Out of 87 blanks evaluated:
                - 64 assays (73.6%) were below the gold detection limit of 0.005 ppm ("pass").
                - 20 assays (23.0%) were considered "acceptable" with a gold value >0.01 and <0.04 ppm
                - 3 assays (3.4%) contained > 0.04 ppm gold ("fail")
                    - Two samples are of no concern as they are outside of mineralized portions of the drillholes and are 'bracketed' by passing standards/blanks.
                    - One assay (Sample AQA-1861, DDH R11-18) ran 0.64ppm Au and was located adjacent to anomalous gold values within the drillhole and should be re-evaluated.
        - Four certified standards were used within the evaluated sample data which were acquired from CDN laboratories:
            - CDN-GS-2J (recommended Au 2.36ppm +/-0.2ppm)
                - Used 38 times with 1 sample exceeding 2-times the recommended tolerance.
                    - Sample is of little concern as it lies outside of mineralization and is 'bracketed' by passing standards and blanks.
            - CDN-GS-5G (recommended Au 4.77ppm +/-0.4ppm)
                - Used 5 times with all assays passing less than 2-times recommended tolerance.
            - CDN- GS-P7B (recommended Au 0.71ppm +/-0.07ppm)
                - Used 24 times with 5 samples failing at slightly above 2-times the recommended tolerance.
                    - Two samples are of no concern as they are outside of mineralized portions of the drillholes and are 'bracketed' by passing standards/blanks.
                    - 3 failing samples reported between 0.94-0.97ppm Au and occur consecutively within a mineralized portion of drillhole R11-17

        - CDN- GS-P7E (recommended Au 0.766 ppm +/-0.086ppm)
            - Used 18 times with all samples passing less than 2-time the recommended tolerance.
    - 13 standards labeled either CDN-GS-P7E or CDN-GS-P7B had gold assay values between 2.33 and 2.70ppm and are presumably mis-labeled in the ARI sample sheets. Because of the consistency of the assay values, it is assumed that the standards submitted in these instances were actually CDN-GS-2J but cannot be verified.

    - Duplicates of samples analyzed by both BV and MPC for gold were compared and found to be in reasonable agreement for samples greater than 0.5 ppm gold as reported by BV. A total of 37 samples were found to be within 3% (average) of the compared value.

- **Comments on Further Data Verification**

    - Drillhole Collar Locations
        - Review the written report from CWE, Inc. and compile all relevant information pertaining to the locations of historic drillholes for validation purposes.
    - Downhole Surveys
        - Evaluate known deviation in drillholes surveyed with downhole survey tools (ARI 2011 and 2012 drill programs) to determine the potential drift that may have occurred in historic drillholes where no downhole survey data is available.
    - Assay Data – Data Validation
        - Contact BV to provide copies of all assay certificates generated for the Reef Project in both spreadsheet and PDF format for the purposes of future database validation work.
        - Validate assay database and re-construct using lab provided certificates if necessary.
    - Assay Data – QA/QC
        - Prepare a report on the evaluation and performance of certified reference materials used during the 2011, 2012, and historic re-sampling programs.
        - Assess failures in standard and blank performance as described above in drillholes R11-17 and R11-18 to determine if confirmation assays are required within areas of failing blanks and standards

Based on the authors review and validation of exploration data provided by ARI and based on the author's experience and familiarity with the Reef exploration programs, it is deemed that the procedures and methods used to collect and compile relevant data, and the state of such compilations of data, are adequate for an early-stage exploration project. It is recommended that further validation work be completed pertaining to the drillhole database to incorporate as much historic data as possible into further evaluations of the Reef project.

13.0 Mineral Processing and Metallurgical Testing

There has been no mineral processing or metallurgical testing done on Reef samples since the Noranda AGI JV.

A summary report on the Reef project (Kennedy, et al., 1990) describes initial metallurgical test work completed by Lakefield Research in Peterborough, Ontario on Reef samples during the Noranda AGI JV. Following is a brief summary of the test work and results presented for demonstrative purposes. Additional metallurgical test work will be required to further understand the metallurgical characteristics of the Reef mineralization if the project is evaluated at more advanced stages of exploration and development.

Metallurgical Test work Summary (Kennedy, et al., 1990):

- Included quartered-core samples of mineralized zones B, C and D
- 4 composites were generated: B1 – high sulfide quartz veins, C1 – alteration selvage with low sulfide and quartz, D1 – high sulfide quartz veins and D2 – high grade with abundant tellurides
- The following analyses and test work were completed on samples ground to 62-77% -200 mesh:
    - Specific gravity determination
    - Detailed Head analysis (gold, copper, tellurium and silver)
    - Whole rock geochemical analysis
    - Rolling-bottle cyanide leach tests
    - Rougher/Cleaner flotation tests (except composite D2)
- Results
    - Specific gravity determinations ranged from 2.88-3.07 g/cm^3
    - Head grade analyses were generally in agreement with previous results except in the case of composite C which was less than 50% of the previous assays. Reasons for this discrepancy are unknown but it may suggest that distribution of gold may be more erratic in rocks with lower concentrations of sulfides
    - Deleterious elements were low in abundance including Tellurium - 6-9ppm, Mercury – 0.3-0.5ppm, and arsenic, bismuth, and antimony at or below detection limits
    - Gold recoveries by direct cyanidation ranged from 83.7-87.7%
        - The abundance of telluride minerals in composite D2 had no obvious effect on gold extraction
    - Silver recoveries by direct cyanidation ranged from 51.6-58.1%
    - Copper recoveries by flotation were excellent ranging from 97.6-98.7%
    - Gold recoveries by flotation ranged from 73.6-84.2%
    - Silver recoveries by flotation ranged from 70.7-90.7%

14.0 Mineral Resource Estimates

There are no current Mineral Resource Estimates for the Reef Deposit.

23.0 Adjacent Properties

To the author's knowledge, no other shear zone-hosted gold occurrences similar to Reef have been identified in the PVB or described in the geologic literature.

24.0 Other Relevant Data and Information

24.1 State Permitting

24.1.1 Exploration License

A formal exploration license is required for companies conducting metallic exploratory drilling in Wisconsin (s NR130.05 Wis. Admin. Code). To obtain an exploration license a company must be incorporated under Wisconsin law or hold a valid certificate of authority to do business in Wisconsin issued by the Wisconsin Department of Financial Institutions, pay an application fee of $600, and post a bond in the amount of $5,000. Additional bonding may be required based on the estimated reclamation costs of exploration work completed by the company.

An exploration license can be renewed annually and requires the applicant to submit a $300 renewal fee, proof of a bond in the amount adequate to cover the explorer's current level of exploration activity and a summary of proposed and completed exploration and the status and plans for reclamation and abandonment.

GLM currently has an exploration license with the WDNR which is valid until June 30, 2025.

24.1.2 Drilling permits

Diamond core drilling is regulated by the WDNR (sNR130.10 Wis. Admin. Code). In general, no permits are required from the WDNR for drilling. However, a written notice (notice of intent to drill or NOI) is required to be submitted to the department at least 30 days in advance of the anticipated drilling activities. The NOI must include the location of the proposed exploration work along with details pertaining to the scope and methods of the proposed drill program along with a description of pollution prevention measures, access and drill site preparation, anticipated disturbance estimates and a plan for reclamation. The NOI must demonstrate that the proposed activities will be conducted in compliance with all requirements under sNR130.10 Wis. Admin. Code.

The department follows a prescribed schedule to review and respond to the submitted NOI. Within 5 business days, the department must notify local governments within and adjacent to the proposed exploration and must notify all Historic Preservation Officer of federally recognized Indian tribes in the state. Within 15 business days, the department must provide notification to the company indicating whether any additional information is required and/or if any additional approvals, licenses, or permits are required to be obtained through the department to conduct the proposed application (i.e. Waterways and Wetlands, WPDES – Wastewater, Stormwater and Erosion Control, Endangered Resources, etc.). Within 30 business days of submission of the NOI or within 15 business days of the company supplying the department with all required supplementary information, the department will either approve, conditionally approve, or deny the notice. Prior to conducting the proposed exploration program, the company must post a bond in an amount sufficient to cover all estimated reclamation costs as approved by the department.

Within 30 days of completion of a drillhole (temporary or permanent), an abandonment report must be submitted to the WDNR that includes a lithologic log and collar location map. A fee for drilling for the first 20 holes or less in any license year is US $200 per hole and the fee for any subsequent hole in the same license year is US $100 per hole. This fee accompanies the abandonment report.

Upon completion of drilling, permanent abandonment of drillholes, and completion of site and access reclamation, the explorer shall notify the department. Upon approval from the department of satisfactory completion, the department will issue a certificate of completion and will release the respective bond amount one calendar year after issuing the certificate.

To conduct exploration drilling on the Reef project, GLM will be required to submit an NOI as discussed above. It is estimated that the process for obtaining all necessary approvals and permits will take 45-60 days.

24.2 Wisconsin Mining Legislation

On December 11, 2017, Wisconsin Governor Scott Walker signed the Nonferrous Metallic Mining Bill (2017 WI Act 134) (a.k.a., Mining For America Act), which repealed a moratorium on mineral development enacted in 1997. The Mining for America Act became effective July 1, 2018, allowing time for counties and local units of government to accordingly amend ordinances.

Current nonferrous metallic mineral mining Wisconsin State legislative rules and regulations are listed under Chapter NR 132. Chapter NR 132 purpose is stated to “establish procedures and standards for the comprehensive regulation of nonferrous metallic mineral mining in this state and to coordinate and reconcile applicable state and federal statutes and regulations so as to facilitate the procedures by which department permits, licenses, and approvals may be applied for, hearings may be held, and determinations may be made by the department in a coordinated and integrated manner.”

24.3 Marathon County Mining Ordinances

Approximately six months after Act 34 was signed, the Marathon County Board Executive Committee and Environmental Resources Committee published updated Metallic Exploration, Prospecting, and Bulk Sampling (Chapter 17 – Zoning Code Ordinance, p. 51-67) to address the changes to the act.

24.3.1 Ordinance Intent

Marathon County Ordinance changes are not intended to duplicate or supersede the regulatory authority of the WNDR or other state or federal government agencies. It is in the interest of Marathon County to require a metallic mine applicant to provide copies of the information submitted by the applicant to the WDNR or other state or federal government agencies for the purposes of permitting. It is also the intent of Marathon County to require the applicant to pay all costs including, but not limited to: review and permitting, monitoring the active mining site, monitoring of the mine site after closure." The ordinance includes the following sections:

- Financial Assurance (17.204.545.10)
- Lot Line Policy (17.402.06)
- Wetland Boundary Policy (17.402.07)
- Metallic Mining Exploration (17.204.542)
- Metallic Mining Bulk Sampling (17.204.543)
- Metallic Mining Prospecting (17.204.544)
- Metallic Mining (17.204.545)

The use of land for metallic mineral mining will be allowed only in the "General Agricultural District." A majority of the Reef project area is currently zoned as "General Agriculture." A small part of the project area is currently zoned as "Low Density Residential," with some land surrounding zoned as "Rural" and "Rural Estate Residential."

24.3.2 Marathon County Exploration Permit

In order to conduct exploration within townships which have adopted the General Code of Ordinances for Marathon County, the explorer must submit an application to the Zoning Administrator for an exploration permit contemporaneously with the submittal of an NOI with the WDNR. The application must, at a minimum, include the following:

- Copies of all documents submitted to State and Federal agencies pertaining to the proposed exploration
- Property details on which the proposed exploration will take place including, boundaries, names and contact information of property owners, locations, dimensions and legal descriptions
- Zoning district(s) in which the proposed exploration will take place (exploration may occur in all zoning districts except: urban and low density residential, manufactured/mobile home park, highway corridor/interchange overlay, and wellhead protection overly districts).

- Nearby public and private roadways as infrastructure
- Proof of General Liability insurance
- An application fee of $500

25.0 Interpretation and Conclusions

25.1 Interpretation

Geologic and geochemical data collected from the Reef prospect exhibit features characteristic of a shear-zone-hosted, orogenic gold occurrence. Gold-copper mineralization is hosted by a strongly sheared, mylonitic gabbro $\pm$ basalt (granofels unit) that is interpreted to be associated with a second-order shear zone splay related the Eau Claire fault system.

Structural deformation during shearing produced both dilation and secondary accommodation cross-faulting in the deposit area that allowed for focused flow of mineralizing metamorphic fluids. The age of deformation and gold-copper mineralization is unknown but likely post-dates VMS deposition (ca 1,874 Ma) that occurred in other volcanic complexes of the belt.

Drilling, supported by downhole geophysical surveys has defined eight sheet-like to lensoidal, structurally stacked, subparallel zones that host gold-copper mineralization. These zones strike generally northeast and dip to the northwest and are hosted within quartz-sulfide veins - vein stockwork breccias, sulfide lamellae in vein selvages, and intervals of sulfide veinlets. Drillholes that penetrate these zones suggest the continuity and consistency of gold-copper grades is highly variable. Some of the zones, however, have bonanza gold grades that may occur in "ore shoots" that present an attractive exploration target at Reef.

The sheared granofels unit that hosts the mineralized zones is in part magnetic and can be traced to the northeast and southwest along strike parallel to the main Eau Claire fault zone. The linear magnetic pattern generated by this unit exhibits a distinct "jog" in the deposit area. This magnetic feature is interpreted as a fold structure that appears to be the locus of the cross-cutting northwest-trending accommodation faults and gold-copper mineralized zones (Fig. 31). The bulk of mineralization within the 'core' deposit area identified by Noranda occurs along this "jog" in-between two interpreted accommodation faults. Two drillhole 'fences' completed by ARI identified additional and similar mineralization to the southwest of the faults, however, correlation between mineralized zones within this and the 'core' area is uncertain.

Additional work is required to understand this complex gold-bearing system. Controls on gold (copper) mineralization are not well established, and grades appear to be erratic over relatively short distances. These factors present potential risks for future exploration and delineation of the Reef prospect. Further evaluation should focus on updating the geologic model to better understand and target mineralization at Reef.

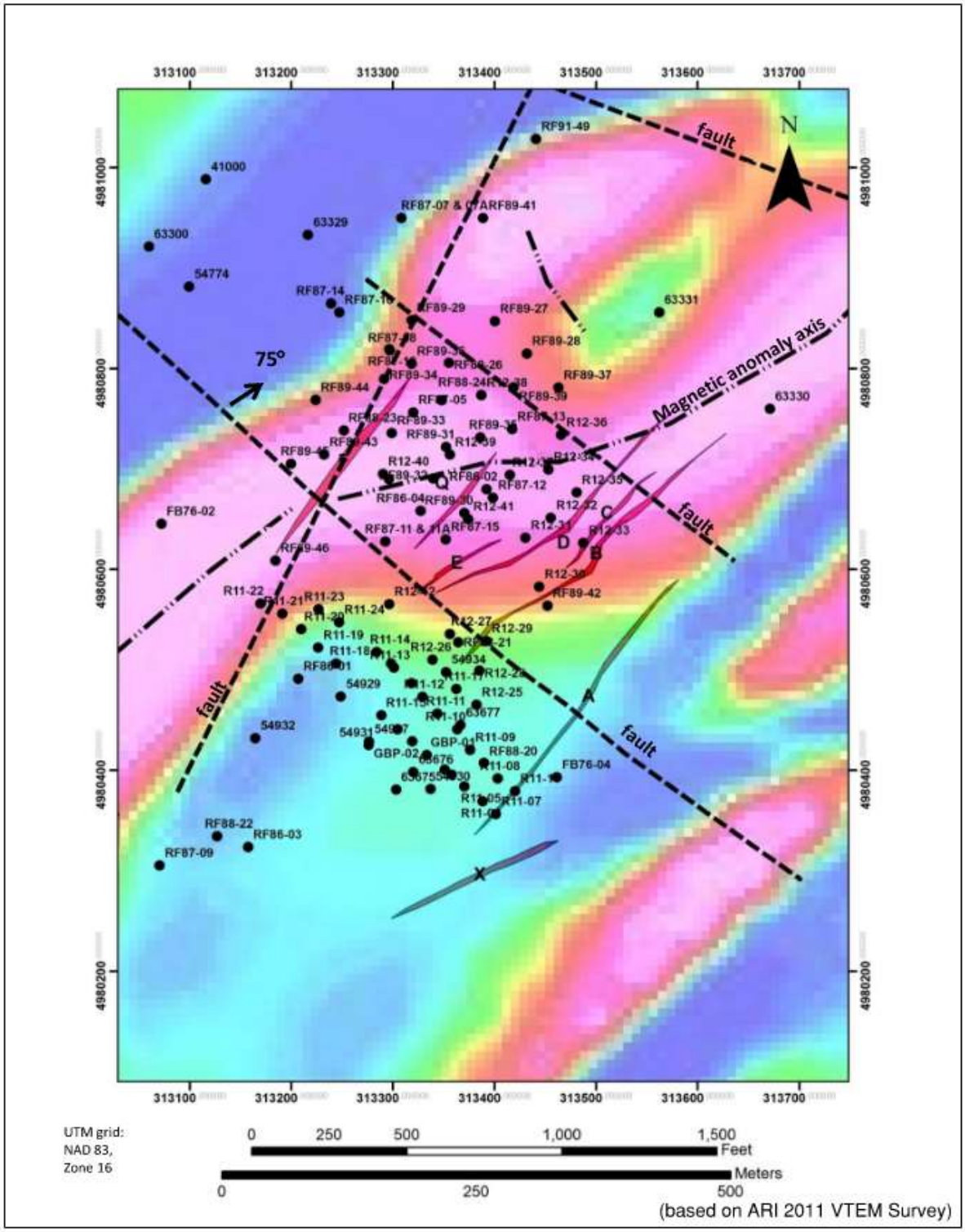


Figure 31. CVG Magnetic Map, Showing DDH and Mineralized Zones

25.2 Conclusions

The author has made the following conclusions after reviewing the relevant exploration data for the Reef project:

1) Past exploration conducted at the Reef project has identified a shear-zone-hosted gold-copper prospect of economic interest.

2) GLM controls a total of 432.61 acres of surface +/- mineral rights that comprise the Reef property. Their current land holdings cover the extents of previously identified mineralization and is sufficient to conduct the recommended work program. Several of the "key" land parcels have exploration agreements set to expire in 2026 and their options will need to be exercised or the terms of the agreements re-negotiated before their expiry.

3) The Reef prospect consists of eight structurally stacked, relatively thin (~1 to 5m,), irregular, sheet-like to lensoidal, gently-dipping mineralized zones. The zones, which appear to be confined to the mylonitic granofels host unit, are composed of quartz-sulfide veins - vein stockwork breccias, sulfide lamellae in vein selvages, and intervals of sulfide veinlets.

4) Mineralized zones have variable strike length (up to ~450m) and have been defined from surface to a depth of ~150m. In many instances, these zones appear to be open at depth and locally along strike.

5) Collectively, the zones are expressed as a distinct IP anomaly and the continuity of zones between drillholes has been demonstrated by historic mise-a-la masse surveys.

6) A historic non-NI 43-101 compliant resource was calculated for the Reef prospect by Noranda in 1990. The resource identified ~454,600 short tons grading 8.98 g/t Au and 0.28% Cu. This resource estimate was evaluated based on a cut-off grade of 0.1 opt (3.43 g/t) gold and was calculated during times of subdued metal prices. Given current gold prices and the amenability of potential open pit mining methods based on the geometry of the deposit, lower gold cut-off grades should be considered to assess the impact on grade, tonnage, and potential project economics.

7) Drilling conducted in 2011 and 2012 by ARI identified additional mineralization to the southwest of the Noranda resource area, however, correlation between the mineralized zones has not been established.

8) ARI made considerable efforts to validate historic drilling data including locating historic drill collars, re-logging and re-assaying historic drillholes. Validation efforts on this and additional historic data should continue with the objective of incorporating as much historic information as possible into further evaluation of the project.

9) Grades within the identified mineralized zones appear to be variable and commonly discontinuous. Secondary structures, oblique to the trends of the mineralized zones, may represent a control on high-grade mineralization. A targeted, tightly spaced drill program would be required to test these potential structures.

10) Further exploration at Reef is warranted and should focus on extending the known limits and determining the continuity of previously identified mineralized zones

11) Updating the Reef geologic model and establishing ore controls may provide additional exploration potential within and beyond the limits of known mineralization.

26.0 Recommendations

Based on the review of Reef project exploration data, the author recommends that additional exploration work be completed. A recommended work program includes 1) an initial drill program to expand and further define the limits of mineralization and 2) to continue compilation and validation of historical data to further advance the project. It is recommended that additional exploration and validation efforts be designed and conducted using industry standards and best practices for the purposes of incorporating data into an updated NI 43-101 compliant technical report.

An initial exploration program is recommended and consists of a 1,500 meter drill program as well as the compilation and validation of historic data, including relogging and resampling select historic drillholes.

- **Historic data compilation and data validation**
  - Determine reliability of historic drillhole information using results from ARI's historic validation efforts
  - Continue compilation and validation of additional historic exploration data controlled by GLM
  - Validate current drillhole database, including evaluation of QA/QC data
  - Update Reef geologic model and prepare detailed cross sections and plan maps incorporating ARI data
  - Evaluate appropriate cut-off grades for use in reporting and for consideration in further evaluations of the project

- **1,500-meter core drilling program**
  - Recommend drilling HQ diameter core
  - Step out on known mineralization
  - Evaluate lateral extent and plunge direction of high-grade gold mineralization
  - Assess continuity of mineralized zones and potential cross cutting structures between Noranda's "core" area and mineralization identified by ARI to the southwest.

27.0 Budget

A work plan consisting of compilation and validation of all available historic data for the Reef Project as well as a 1,500-meter core drilling program is proposed for the project. A detailed budget to conduct the recommended program is tabulate below:

Table 5: Recommended Work Plan Budget

Reef Historic Data Compilation and Data Validation				
Activity	**Unit**	**Unit Cost**	**Quantity**	**Cost**
Data compilation/validation of historic exploration data	Project Geologist (daily)	$750	7	$5,250
Update Reef geologic model, cross sections and plans maps	Project Geologist (daily)	$750	14	$10,500
QA/QC reporting, update drillhole database	Project Geologist (daily)	$750	5	$3,750
Logging/Sampling of historic drillholes	Project Geologist (daily)	$750	14	$10,500
Technician	Technician (daily)	$350	7	$2,450
Assays	Per Sample	$100	500	$50,000
Final report on data compilation and validation efforts	Senior Geologist (daily)	$1,000	5	$5,000
Total:				$87,450
Contingency (10%)				*$3,450*
Grand Total:				**$90,900**

Reef 1,500-meter Core Drilling Program				
Activity	**Unit**	**Unit Cost**	**Quantity**	**Cost**
Drilling (mob/demob)	one way	$10,000	2	$20,000
Drilling (meters/hourly cost estimate)	All-in cost	$175	1,500	$262,500
Assays	Per Sample	$100	1,200	$120,000
Project Geologist	Project Geologist (daily)	$750	45	$33,750
Technician	Technician (daily)	$350	45	$15,750
Per Diem (food/lodging)	Daily (per person)	$150	90	$13,500
Field Truck	Daily	$100	45	$4,500
Field Supplies, environmental, misc. expenses	at cost			$5,000
Supervision, Reporting, Permitting	Senior Geologist (daily)	$1,000	10	$10,000
Total:				$485,000
Contingency (10%)				*$48,500*
Grand Total:				**$533,500**

Historic data compilation and data validation	**$90,900**
1,500 meter Core Drilling Program	**$533,500**
Reef Recommended Work Program Total:	**$624,400**

28.0 References

ARI, August 8, 2011, [Press Release] Aquila drilling at U.S. gold projects

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29.0 Certificates of the Authors

I, Patrick O. Quigley, do hereby certify that:

1) I am an independent consulting geologist with a residence and business address of 609 Mesnard Street, Marquette, MI, USA.
2) I am independent of the issuer applying all the tests of Section 1.5 of NI 43-101. I am also independent of the vendor and the properties associated with the Reef Project.
3) I have received the following degrees in geological sciences: B.S. (2008) University of Minnesota, Twin Cities, MN; and M.S. (2016) Colorado School of Mines, Golden, CO.
4) I am a Certified Professional Geologist with the American Institute of Professional Geologists (CPG #12116).
5) I have been practicing as a professional geologist for over 15 years since my graduation from university.
6) I have read the definition of "qualified person" set out in National Instrument 43-101 and certify that by reason of my education, affiliation with a professional association, and past relevant work experience, I fulfill the requirements to be a "qualified person" for the purposes of NI 43-101.
7) I am responsible for all sections of technical report entitled *Technical Report for the Reef Gold-Copper Prospect, Marathon County, Wisconsin, USA* with an effective date of January 22, 2025. I have visited the Reef Project area numerous times between 2011-2012 and completed a site visit of the project in November, 2024.
8) As an employee of Aquila Resources Inc., I participated in the exploration programs that occurred on the property between 2011-2012. I have also studied the Reef gold-copper prospect as part of my Master's thesis that focused on the mineral deposits of the region.
9) I am not aware of any material fact of material change with respect to the subject matter of the Technical Report that is not reflected in the Technical Report, the omission to disclose which makes the Technical Report misleading.
10) I have read National Instrument 43-101 and Form 43-101F1, and the Technical Report has been prepared in compliance with that instrument and form.

Dated this 10th day of March, 2025

"Patrick O. Quigley"

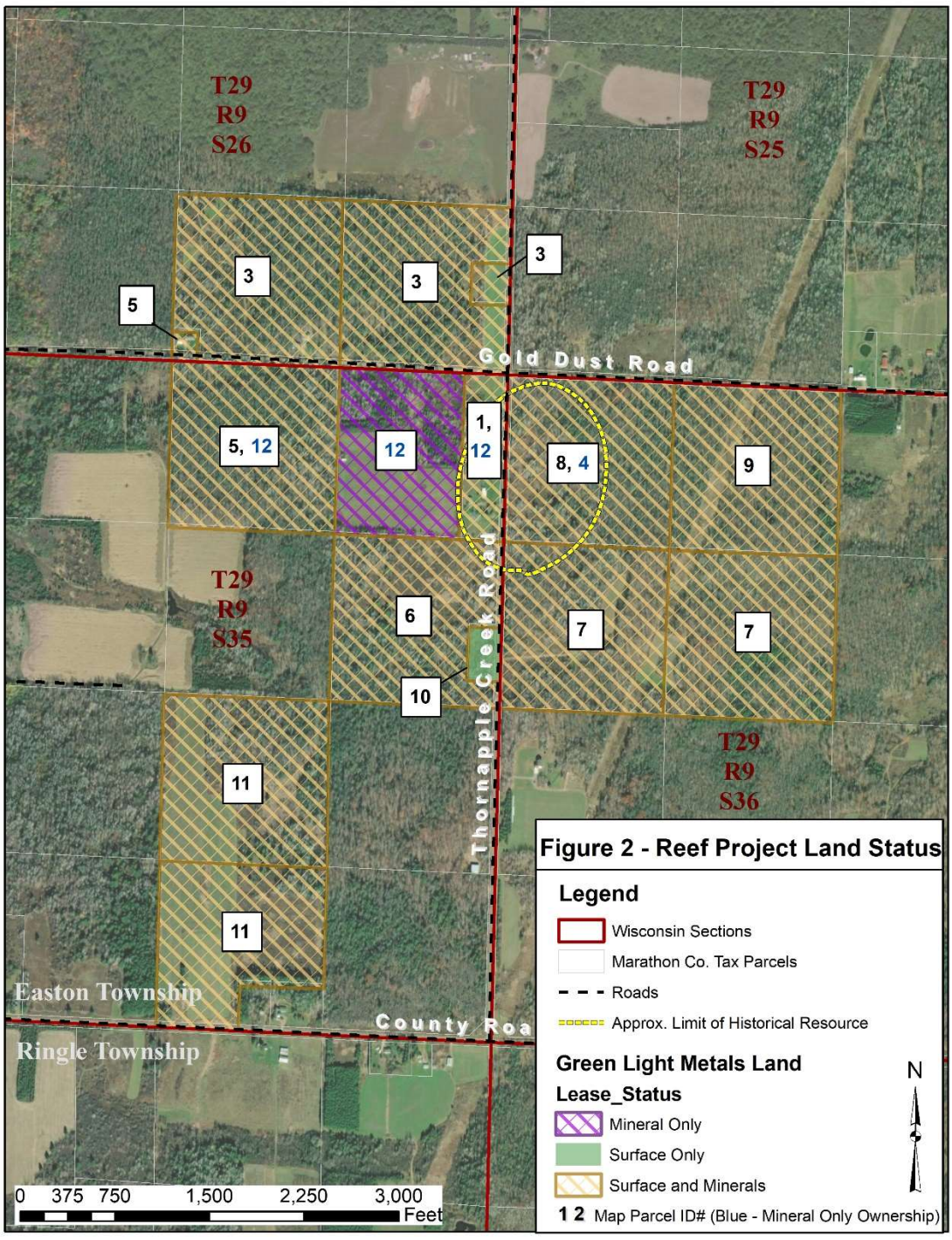
Patrick O. Quigley, CPG

Appendix A

Reef Prospect – Property Descriptions and Agreement Details

Reef Prospect – Green Light Metals Land Holdings – Property Descriptions and Agreement Details

Descriptions of the individual parcels under control by GLM over the Reef prospect are summarized below along with details pertaining to the individual agreements with landowners.



Green Light Metals, Land Position – Reef Prospect, Marathon County, Wisconsin, USA

Identified mineralization associated with the Reef prospect is located within 6 "Key" parcels located south of the intersection of Gold Dust Road and Thornapple Creek Road in sections 35 and 36 of Township 29N, Range 9E:

Dennee, Morris and Genevieve – Map ID#1

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: The east 10 acres of the NE1/4 of the NE ¼ (10 acres)

Agreement:	Option to Purchase (6/7/2020), First Amendment to Option to Purchase Agreement (6/7/2023)
Assignment:	Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)
Expiration:	6/6/2026
Surface Acres:	10 Acres
Mineral Acres:	NA
Option Payment:	$1,000 per year for years 1-3, and $2,500 per year for years 4-6
Option Purchase:	$205,350, less the total option payments previously paid to Optionor by Company
Royalty:	NA
Surface Use:	Prior to exercise of the option to purchase, Company shall **not** have the right to conduct mineral exploration, mine, remove or sell ore or minerals from any of the Premises.

Wanta, Nellie and Brian – Map ID #12

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: The East ten acres of the N1/2 of the NE1/4 (10 acres)

Section 35: The NW1/4 of the NE1/4 (40 acres)

Section 35: The NE1/4 of the NE ¼ excepting the East tend acres (30 acres)

Agreement: Mining Lease (11/17/2010)

Assignment: Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 11/16/2030

Surface Acres: NA

Mineral Acres: 80 Acres

Advanced Royalty Payments: $50 per acre ($4,000 per year)

Royalty: Two percent (2%) Net Smelter Return Royalty. All advanced royalty payments shall be cumulative credit to the be set off by Company against any future production royalties derived from the Premises and owning to Lessor.

Neiter, Randy and Tiffany – Map ID #8

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: The NW1/4 of the NW1/4 (40 acres)

Agreement: Exploration Agreement with Option to Purchase (10/15/2019), First Amendment of Exploration Agreement with Option to Purchase (10/5/2021), Second Amendment of Exploration Agreement with Option to Purchase (10/1/2023)

Assignment: Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 10/15/2027

Surface Acres: 40 Acres

Mineral Acres: NA

Option Payment: $5,000 per year

Option Purchase: The greater of $193,200 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements and 1 times fair market value for buildings, structures and improvements added to the premises by Optionor after the effective date of the Agreement.

Royalty: NA

Surface Use: Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during the Wisconsin gun deer hunting season.

Manthe, Jeanine; Marten, Donald: Marten, Keith and Tracy – Map ID #4

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: The NW1/4 of the NW1/4 (40 acres)

Agreement:	Mining Lease – Keith Marten as Guardian of Donald Marten (8/10/2021); Mining Lease - Keith D. Marten and Tracy L. Marten (8/10/2021); Mining Lease – Jeanine J. Manthe (8/10/2021)
Assignment:	Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021) – 1 Assignment executed and recorder for each of the three parties identified above.
Expiration:	8/9/2041
Surface Acres:	NA
Mineral Acres:	40 Acres (Donald Marten – 50% interest in mineral rights; Keith and Tracy Marten – 25% interest in mineral rights; Jeanine Manthe 25% interest in mineral rights)
Advanced Royalty Payments:	$4,000 per year ($1,000 per year due to both Keith and Tracy Marten and Jeanine Manthe and $2,000 per year due to Keith Marten as Guardian of Donald Marten)
Royalty:	Two percent (2%) Net Smelter Return
Surface Use:	Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during the Wisconsin gun deer hunting season.

Michels, Kenneth – Map ID #7

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: SW1/4 of the NW1/4 (40 acres)

Section 36: SE1/4 of the NW1/4 (40 acres)

Agreement:	Exploration Agreement with Option to Purchase (8/1/2018), First Amendment to Exploration Agreement with Option to Purchase (8/1/2022)

Assignment: Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 7/31/2026

Surface Acres: 80 Acres

Mineral Acres: 80 Acres

Option Payment: $150 per acre ($12,000 per year)

Option Purchase: The greater of $404,400 or 2 times fair market value for land and timber and 2 times fair market value for buildings, structures and improvements and 1 times fair market value for any improvements, structures and buildings added to the Premises by Optionor after the effective date of this Agreement.

Royalty: Buyer shall pay to Seller a production royalty based on the value of the calculated Adjusted Net Smelter Return value of minerals produced and sold from the premises as set out in the Royalty Rate Schedule outlined within Exhibit B of the Exploration Agreement with Option to Purchase (8/1/2018). The Adjusted Net Smelter Return shall be calculated by dividing the constant price index (as recorded at the effective date of the agreement) by the current price index (as recorded during the middle month of the quarter of sale) as published monthly by the U.S. department of Labor, Bureau of Labor Statistics, to produce a price index factor. The price index factor shall be multiplied by the net Return per ton by the price index factor to calculate the Adjusted Net Smelter Return per ton of ore produced from the Premises. The royalty rate shall be derived from the royalty rate schedule based on the Adjusted Net Smelter Return value.

Surface Mine		Underground Mine	
Adjusted Net Return Value per ton	Rate (%)	Adjusted Net Return Value per ton	Rate (%)
$0.01 — $75.00	2.00	$0.01 — $125.00	2.00
$75.01—$100.00	2.08	$125.01 — $150.00	2.35
$100.01 — $125.00	2.44	$150.01 - $175.00	2.71
$125.01 — $150.00	2.80	$175.01 — $200.00	3.07
$150.01 — $175.00	3.16	$200.01 — $225.00	3.43
$175.01 — $200.00	3.52	$225.01 — $250.00	3.79
$200.01 — $225.00	3.88	$250.01 — $275.00	4.15
$225.01 — $250.00	4.24	$275.01 — $300.00	4.51
$250.01 — $275.00	4.60	$300 01 — $325 00	4.87
$275.01 — $300.00	4.96	$325.01 — $350.00	5.23
$300.01 - $325.00	5.32	$350.01 — $375.00	5.59
$325.01 — $350.00	5.68	$375.01 — $400.00	5.95
$350.01 - $375 00	6.04	$400.01 — $425.00	6.31
$375.01 — $400.00	6.40	$425.01 — $450.00	6.67
$400.01 - $425.00	6.76	$450.01 — $475.00	7.03
$425.01 — $450.00	7.12	$475.01 — $500.00	7.39
$450.01 — $475.00	7.48	Above $500.01	7.75
$475.01 — $500.00	7.84		
Above $500.01	8.20		

Surface Use: Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during the Wisconsin gun deer hunting season

Martin, John and Bonnie – Map ID #6

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: SE1/4NE1/4, Except Lot 1 of Marathon County Certified Survey Map Volume 55, Page 73 (37.23 acres)

Agreement: Exploration Agreement with Option to Purchase (11/11/2019)

Assignment: Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 11/10/2026

Surface Acres: 37.23 Acres

Mineral Acres: 37.23 Acres

Option Payment: $3,723 per year

Option Purchase: The greater of $109,000 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements, less option payments previously made and 1 times fair market value for any improvements, structures and buildings added to the Premises by Optionor after the effective date of this Agreement.

Royalty: Two percent (2%) Net Smelter Return

Surface Use: Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during Wisconsin gun deer hunting season.

In addition to the "Key" properties containing identified mineralization associated with the Reef deposit, GLM controls 5 adjacent parcels that are held for exploration and/or development potential:

Sauter, Chad and Abigail – Map ID #10

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: Lot 1 of Certified Survey Map No. 12755 recorded in the office of the Register of Deeds for Marathon County, Wisconsin on March 3, 2003, in Volume 55 of Certified Survey Maps on Page 73, as Document No. 1313422: being part of the SE1/4 of the NE1/4

Agreement: Exploration Agreement with Option to Purchase (6/29/2022)

Expiration: 6/28/2027

Surface Acres: 2 Acres

Mineral Acres: 2 Acres

Option Payment: $1,000 due upon effective date of the agreement, $1,500 due upon the first through fourth anniversary of the agreement, and $2,000 due upon the fifth through ninth anniversary of the agreement.

Option Purchase: Optionor may choose between the purchase price as follows:
Two times fair market value for surface estate and all improvements subject to a retained Net Smelter Return Royalty

Or

An amount equal to four times fair market value of the surface estate and improvements with no production royalty for the interest in the minerals whatsoever

Royalty: Three percent (3%) Net Smelter Return up to a total of $3,000,000 at which time the Net Smelter Return royalty shall be reduced to two and one-half percent (2.5%). Upon the reduction to 2.5%, the Buyer has the right to purchase fifty percent (50%) of the royalty (i.e. 1.25%) for the purchase price of $3,000,000.

Surface Use: Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during Wisconsin gun deer hunting season.

Juedes, Gerald and Sue – Map ID #3

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 26: SW1/4SE1/4, excluding 1 square acre in SW corner (39 acres)

Section 26: SE14SE1/4, excluding Lot 1 of Certified Survey Map No. 11837 (38 acres)

Section 26: Lot one (1) of Certified Survey Map No 11837 recorded in the Office of the Register of Deeds for Marathon County Wisconsin in Volume 50 of Certified Survey Maps on Page 125; being part of the SE14SE1/4 (2 acres)

Agreement: Exploration Agreement with Option to Purchase (11/11/2019), First Amendment to Exploration Agreement with Option to Purchase (10/1/2021), Second Amendment to Exploration Agreement with Option to Purchase (10/1/2023), Third Amendment to Exploration Agreement with Option to Purchase (12/3/2024)

Assignment: Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 10/15/2027

Surface Acres: 79 Acres

Mineral Acres: 79 Acres

Option Payment: $70/Acre ($5,530 per year)

Option Purchase: The greater of $323,200 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements, and 1 times fair market value for buildings, structures and improvements added after the effective date of this Agreement, less option payments previously made.

Royalty: Two percent (2%) Net Smelter Return

Surface Use: Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during Wisconsin gun deer hunting season.

Marten, Keith and Tracy – Map ID #5

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 26: SW1/4 of the SE1/4, excepting that part thereof described in deed recorded in the Office of the Register of Deeds for Marathon County, Wisconsin in Volume 70 of the Records, Page 94, fee surface and mineral rights (1 acre)

Section 35: NW1/4 of the NE1/4 fee surface rights (40 acres)

Agreement: Exploration Agreement with Option to Purchase (6/3/2021)

Assignment: Assignment and Assumption Agreement by Auila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 6/2/2028

Surface Acres: 41 Acres

Mineral Acres: 41 Acres

Option Payment: $100 per acre ($4,100 per year)

Option Purchase: The greater of $614,000 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements, and 1 times fair market value for buildings, structures and improvements added after the effective date of the Agreement, less option payments previously made.

Royalty: Two percent (2%) Net Smelter Return (subject to parcel located in section 26 only)

Surface Use: Exploration drillholes are not to be constructed within 200 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property from September, 15 through to the end of the Wisconsin gun deer hunting season.

Fosick, Nancy – Map ID #9

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 36: The NE1/4 of the NW1/4 (40 acres)

Agreement: Exploration Agreement with Option to Purchase (11/15/2019), First Amendment to Exploration Agreement with Option to Purchase (10/1/2021), Second Amendment to Exploration Agreement with Option to Purchase (11/15/2023), Third Amendment to Exploration Agreement with Option to Purchase (11/15/2024)

Assignment: Assignment and Assumption Agreement by Aquila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)

Expiration: 11/15/2027

Surface Acres: 40 Acres

Mineral Acres: 40 Acres

Option Payment: $7,000 per Year

Option Purchase: The greater of $250,000 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements and 1 times fair market value for buildings, structures and improvements added to the premises by Optionor after the effective date of the Agreement.

Royalty: Two percent (2%) Net Smelter Return

Surface Use: Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during the Wisconsin gun deer hunting season.

Te Paske, Della and Henry (June M. Wilcox Revocable Trust) – Map ID #11

Property Description:

Township 29 North, Range 9 East, Easton Township, Marathon County, Wisconsin:

Section 35: The NW1/4 of the SE1/4 (40 acres)

Section 35: The SW1/4 of the SE1/4 excepting therefrom the following: Commencing at the southeast corner of said western one-half (W1/4) of southeast quarter (SE1/4) and running thence North 24 rods; thence West 40 rods; thence South 24 rods; and thence East 40 rods; to the place of beginning; and excepting any part thereof used for highway purposes (33.38 acres)

Agreement:	Exploration Agreement with Option to Purchase (2/22/2012), First Amendment of Exploration Agreement with Option to Purchase (1/9/2019), Second Amendment of Exploration Agreement with Option to Purchase (2/1/2022)
Assignment:	Assignment and Assumption Agreement by Auila Resources USA, Inc. ("Assignor") and Green Light Wisconsin LLC ("Assignee") (10/1/2021)
Expiration:	2/22/2027
Surface Acres:	73.38 Acres
Mineral Acres:	73.38 Acres
Option Payment:	$75 per acre year 1, $50 per acre years 2-7, $3,723 per year – years 8 and 9, $75 per acre years 10-15 ($5,504 per year currently until expiration)
Option Purchase:	The greater of $293,520 or 2 times fair market value for land and timber and 1.5 times fair market value for buildings, structures and improvements and 1 times fair market value for buildings, structures and improvements added to the premises by Optionor after the effective date of the Agreement, less the total option payments previously paid to Optionor by Company.
Royalty:	Two percent (2%) Net Smelter Return
Surface Use:	Exploration drillholes are not to be constructed within 100 feet of any dwelling house, potable water well or sewage drain field on the Premises. No exploration work may be conducted on the property during the Wisconsin gun deer hunting season.

Appendix B

Drillhole List

Appendix B - Drillhole List, Nad 83 UTM Zone 16N									
BHID	**Easting**	**Northing**	**Elev. (m)**	**Depth (m)**	**Azimuth**	**Dip**	**Company**	**Year**	**Incl. in DDH Database**
41000	313115.93	4980988.36		61.57	135	-45	Reef Exploration		
54774	313099.40	4980881.59	403.66	104.24	135	-45	Reef Exploration		
54917	313276.41	4980428.33	407.32		135	-45	Reef Exploration		
54929	313248.68	4980473.21	407.32		135	-45	Reef Exploration		
54930	313337.08	4980381.29	407.93		135	-45	Reef Exploration		
54931	313276.25	4980424.88	407.32		170	-45	Reef Exploration		
54932	313164.53	4980431.94	407.01		135	-45	Reef Exploration		
54933	313005.18	4980540.05	407.01		135	-45	Reef Exploration		
54934	313352.34	4980497.62	407.62	140.82	110	-45	Reef Exploration	1989	
63296	313016.05	4980876.56	403.66	89.31	135	-45	Reef Exploration	1989	
63299	312991.38	4980851.57	403.96		135	-45	Reef Exploration		
63300	313059.77	4980921.41	403.35	94.49	135	-45	Reef Exploration	1989	
63326	313025.24	4980355.63	408.84		135	-45	Reef Exploration		
63327	312975.00	4980404.34	409.76		135	-50	Reef Exploration		
63328	312977.40	4980744.27	406.71		135	-50	Reef Exploration		
63329	313216.39	4980933.02	404.88		135	-45	Reef Exploration	1989	
63330	313671.33	4980759.78	408.54		135	-45	Reef Exploration		
63331	313562.18	4980855.88	407.01		135	-45	Reef Exploration		
63675	313303.38	4980380.68	407.62		0	-90	Reef Exploration		
63676	313320.15	4980398.04	407.62		0	-90	Reef Exploration		
63677	313366.55	4980444.93	407.93		0	-90	Reef Exploration		
FB76-02	313072.18	4980645.37			135	-45	Noranda	1976	
FB76-03	312927.12	4980452.30			135	-45	Noranda	1976	
FB76-04	313461.54	4980392.87		129.24	315	-45	Noranda	1976	
GBP-1	313333.40	4980415.17	409.46	68.00	130	-50	Aquila Resources	2011	YES
GBP-2	313319.01	4980428.66	408.67	71.02	129	-49	Aquila Resources	2011	YES
GBP-3	313304.56	4980440.76	408.12	74.37	132	-49	Aquila Resources	2011	YES
R11-4	313351.15	4980400.47	410.34	62.19	134	-49	Aquila Resources	2011	YES
R11-5	313370.39	4980383.81	411.63	59.15	132	49	Aquila Resources	2011	YES
R11-6	313388.20	4980369.04	413.19	56.40	137	58	Aquila Resources	2011	YES
R11-7	313401.42	4980356.34	414.34	56.09	136	-60	Aquila Resources	2011	YES
R11-8	313403.37	4980391.55	413.53	71.65	135	-60	Aquila Resources	2011	YES

Appendix B - Drillhole List, Nad 83 UTM Zone 16N									
BHID	**Easting**	**Northing**	**Elev. (m)**	**Depth (m)**	**Azimuth**	**Dip**	**Company**	**Year**	**Incl. in DDH Database**
R11-9	313376.11	4980420.11	411.37	65.55	134	-60	Aquila Resources	2011	YES
R11-10	313363.33	4980440.70	410.36	68.60	134	-59	Aquila Resources	2011	YES
R11-11	313343.88	4980456.24	409.01	71.34	132	-60	Aquila Resources	2011	YES
R11-12	313329.09	4980473.08	407.74	76.52	132	-59	Aquila Resources	2011	YES
R11-13	313301.17	4980501.90	406.71	98.87	136	-60	Aquila Resources	2011	YES
R11-14	313283.91	4980517.43	406.98	77.44	134	-60	Aquila Resources	2011	YES
R11-15	313288.85	4980454.72	407.72	74.39	127	-59	Aquila Resources	2011	YES
R11-16	313420.16	4980378.98	414.94	48.48	130	-69	Aquila Resources	2011	YES
R11-17	313362.57	4980480.98	408.58	71.65	132	-59	Aquila Resources	2011	YES
R11-18	313244.11	4980506.04	406.52	99.08	131	-58	Aquila Resources	2011	YES
R11-19	313226.30	4980521.83	406.84	115.85	138	-57	Aquila Resources	2011	YES
R11-20	313209.67	4980540.44	406.73	111.28	133	-59	Aquila Resources	2011	YES
R11-21	313191.08	4980555.84	407.41	120.43	133	-58	Aquila Resources	2011	YES
R11-22	313169.41	4980566.05	407.86	150.91	130	-58	Aquila Resources	2011	YES
R11-23	313226.83	4980560.24	406.37	108.26	132	-58	Aquila Resources	2011	YES
R11-24	313246.93	4980547.14	406.28	96.04	132	-57	Aquila Resources	2011	YES
R12-25	313382.42	4980465.10	410.76	88.15	130	-60	Aquila Resources	2012	YES
R12-26	313338.89	4980509.93	407.98	87.80	132	-50	Aquila Resources	2012	YES
R12-27	313355.98	4980535.42	408.46	96.95	134	-60	Aquila Resources	2012	YES
R12-28	313385.21	4980499.30	410.22	106.10	134	-60	Aquila Resources	2012	YES
R12-29	313392.20	4980528.48	410.79	103.05	132	-60	Aquila Resources	2012	YES
R12-30	313444.16	4980582.77	410.64	136.59	133	-60	Aquila Resources	2012	YES
R12-31	313430.56	4980631.24	410.20	157.93	130	-50	Aquila Resources	2012	YES
R12-32	313455.53	4980651.15	407.96	139.63	133	-60	Aquila Resources	2012	YES
R12-33	313487.44	4980626.23	408.63	118.29	132	-60	Aquila Resources	2012	YES
R12-34	313453.08	4980699.42	406.86	157.62	130	-50	Aquila Resources	2012	YES
R12-35	313481.03	4980676.62	407.73	139.33	133	-50	Aquila Resources	2012	YES
R12-36	313465.47	4980733.80	406.58	154.88	131	-60	Aquila Resources	2012	YES
R12-37	313415.14	4980693.84	406.77	171.04	133	-60	Aquila Resources	2012	YES
R12-38	313387.01	4980773.48	405.58	145.73	135	-50	Aquila Resources	2012	YES
R12-39	313356.09	4980714.30	405.86	207.93	135	-55	Aquila Resources	2012	YES
R12-40	313290.23	4980694.83	405.63	139.63	135	-60	Aquila Resources	2012	YES

Appendix B - Drillhole List, Nad 83 UTM Zone 16N									
BHID	**Easting**	**Northing**	**Elev. (m)**	**Depth (m)**	**Azimuth**	**Dip**	**Company**	**Year**	**Incl. in DDH Database**
R12-41	313374.14	4980650.15	408.21	191.46	135	-55	Aquila Resources	2012	YES
R12-42	313296.33	4980565.37	407.14	112.20	135	-60	Aquila Resources	2012	YES
RF86-01	313206.85	4980491.03	406.96	129.57	120	-82	Noranda-Amax Gold JV	1986	YES
RF86-02	313392.00	4980679.80	406.28	162.50	135	-70	Noranda-Amax Gold JV	1986	YES
RF86-03	313157.59	4980323.44	408.79	111.28	135	-60	Noranda-Amax Gold JV	1986	YES
RF86-04	313327.36	4980658.29	405.85		135	-45	Noranda-Amax Gold JV	1986	
RF87-05	313320.06	4980756.40	405.05	222.87	135	-55	Noranda-Amax Gold JV	1987	YES
RF87-06	313295.94	4980689.74			135	-55	Noranda-Amax Gold JV	1987	
RF87-07 & 07A	313308.33	4980949.75	404.65	185.93	145	-45	Noranda-Amax Gold JV	1987	
RF87-08	313296.91	4980818.04	404.26	232.62	135	-58	Noranda-Amax Gold JV	1987	YES
RF87-09	313070.39	4980305.02	407.43	171.65	135	-55	Noranda-Amax Gold JV	1987	YES
RF87-10	313296.20	4980819.17	404.33	229.57	135	-83	Noranda-Amax Gold JV	1987	YES
RF87-11 & 11A	313292.61	4980627.73	405.82	185.93	145	-45	Noranda-Amax Gold JV	1987	YES
RF87-12	313398.35	4980671.33	406.46	146.04	135	-42	Noranda-Amax Gold JV	1987	YES
RF87-13	313417.45	4980739.64	405.66	189.63	135	-45	Noranda-Amax Gold JV	1987	YES
RF87-14	313238.97	4980864.86			135	-83	Noranda-Amax Gold JV	1987	
RF87-15	313351.93	4980629.89	406.74	155.79	135	-40	Noranda-Amax Gold JV	1987	YES
RF87-16	313247.40	4980856.04		245.36	135	-83	Noranda-Amax Gold JV	1987	
RF88-19	313318.50	4980486.43	407.09	128.66	135	-55	Noranda-Amax Gold JV	1988	YES
RF88-20	313389.59	4980407.04	411.92	91.46	135	-60	Noranda-Amax Gold JV	1988	YES
RF88-20A	313389.59	4980407.04	411.92	24.39	135	-65	Noranda-Amax Gold JV	1988	YES
RF88-21	313364.22	4980527.22		137.16	135	-55	Noranda-Amax Gold JV	1988	
RF88-22	313126.93	4980334.09	408.8	167.68	135	-65	Noranda-Amax Gold JV	1988	YES
RF88-23	313251.73	4980738.19			135	-55	Noranda-Amax Gold JV	1988	
RF88-24	313386.95	4980773.56	405.24		135	-50	Noranda-Amax Gold JV	1988	
RF89-25	313298.33	4980506.12			135	-56	Noranda-Amax Gold JV	1989	
RF89-26	313355.21	4980805.77			135	-55	Noranda-Amax Gold JV	1989	
RF89-27	313400.28	4980846.89			135	-55	Noranda-Amax Gold JV	1989	
RF89-28	313431.98	4980814.73	405.47		135	-50	Noranda-Amax Gold JV	1989	
RF89-29	313318.42	4980847.99	404.8	232.93	135	-55	Noranda-Amax Gold JV	1989	YES
RF89-30	313370.25	4980656.17	406.53	186.84	135	-50	Noranda-Amax Gold JV	1989	
RF89-31	313352.31	4980721.86	405.48	178.00	135	-57	Noranda-Amax Gold JV	1989	

Appendix B - Drillhole List, Nad 83 UTM Zone 16N									
BHID	**Easting**	**Northing**	**Elev. (m)**	**Depth (m)**	**Azimuth**	**Dip**	**Company**	**Year**	**Incl. in DDH Database**
RF89-32	313339.76	4980690.44	405.56	229.57	135	-52	Noranda-Amax Gold JV	1989	YES
RF89-33	313298.88	4980735.72	405	170.12	135	-55	Noranda-Amax Gold JV	1989	YES
RF89-34	313291.17	4980789.51	404.65	219.46	135	-55	Noranda-Amax Gold JV	1989	
RF89-35	313386.21	4980731.27	405.51	183.18	135	-50	Noranda-Amax Gold JV	1989	
RF89-36	313318.35	4980804.73	404.43	208.84	135	-57	Noranda-Amax Gold JV	1989	YES
RF89-37	313462.99	4980780.82	405.9	180.79	135	-50	Noranda-Amax Gold JV	1989	YES
RF89-38	313348.11	4980768.32		197.51	135	-52	Noranda-Amax Gold JV	1989	
RF89-39	313418.85	4980781.27			135	-50	Noranda-Amax Gold JV	1989	
RF89-40	313358.03	4980395.44			135	-55	Noranda-Amax Gold JV	1989	
RF89-41	313388.80	4980949.96			135	-60	Noranda-Amax Gold JV	1989	
RF89-42	313452.09	4980563.86		123.75	135	-55	Noranda-Amax Gold JV	1989	
RF89-43	313232.28	4980714.25		161.54	135?	-52	Noranda-Amax Gold JV	1989	
RF89-44	313223.98	4980768.61			135	-53	Noranda-Amax Gold JV	1989	
RF89-45	313199.48	4980704.95		163.37	135	-46	Noranda-Amax Gold JV	1989	
RF89-46	313184.27	4980608.50			135	-50	Noranda-Amax Gold JV	1989	
RF91-47	313379.31	4981096.13			135	-60	Noranda	1991	
RF91-48	313297.07	4981186.24			135	-60	Noranda	1991	
RF91-49	313440.97	4981028.54			135	-60	Noranda	1991	

Appendix C

Drillhole Database

Table 1 – All Collars

Table 2 – All Surveys

Table 3 – All Geology

Table 4 – All Assays

APPENDIX C - Table 1 - All Collars, NAD83 UTM Zone 16N				
BHID	**XCOLLAR**	**YCOLLAR**	**ZCOLLAR (m)**	**EOH (m)**
RF86-01	313206.85	4980491.03	406.96	129.57
RF86-02	313392	4980679.8	406.28	162.5
RF86-03	313157.59	4980323.44	408.79	111.28
RF87-05	313320.06	4980756.4	405.05	222.87
RF87-08	313296.91	4980818.04	404.26	232.62
RF87-09	313070.39	4980305.02	407.43	171.65
RF87-10	313296.2	4980819.17	404.33	229.57
RF87-11-RF89-11A	313292.61	4980627.73	405.82	185.98
RF87-12	313398.35	4980671.33	406.46	146.04
RF87-13	313417.45	4980739.64	405.66	189.63
RF87-15	313351.93	4980629.89	406.74	155.79
RF88-19	313318.5	4980486.43	407.09	128.66
RF88-20	313389.59	4980407.04	411.92	91.46
RF88-20A	313389.59	4980407.04	411.92	24.39
RF88-22	313126.93	4980334.09	408.8	167.68
RF89-29	313318.42	4980847.99	404.8	232.93
RF89-32	313339.76	4980690.44	405.56	229.57
RF89-33	313298.88	4980735.72	405	170.12
RF89-36	313318.35	4980804.73	404.43	208.84
RF89-37	313462.99	4980780.82	405.9	180.79
GBP-1	313333.401	4980415.169	409.458	68
GBP-2	313319.009	4980428.655	408.665	71.02
GBP-3	313304.559	4980440.761	408.116	74.37
R11-4	313351.151	4980400.466	410.344	62.19
R11-5	313370.387	4980383.811	411.627	59.15
R11-6	313388.2	4980369.042	413.185	56.4
R11-7	313401.415	4980356.343	414.336	56.09
R11-8	313403.368	4980391.554	413.53	71.65
R11-9	313376.107	4980420.108	411.369	65.55
R11-10	313363.327	4980440.698	410.355	68.6
R11-11	313343.879	4980456.236	409.007	71.34
R11-12	313329.092	4980473.08	407.738	76.52
R11-13	313301.167	4980501.897	406.707	98.87
R11-14	313283.914	4980517.432	406.983	77.44
R11-15	313288.851	4980454.723	407.719	74.39
R11-16	313420.157	4980378.977	414.938	48.48
R11-17	313362.565	4980480.979	408.577	71.65
R11-18	313244.113	4980506.038	406.516	99.08
R11-19	313226.297	4980521.829	406.84	115.85
R11-20	313209.669	4980540.44	406.728	111.28
R11-21	313191.084	4980555.839	407.407	120.43
R11-22	313169.414	4980566.054	407.857	150.91
R11-23	313226.826	4980560.242	406.374	108.26
R11-24	313246.933	4980547.137	406.282	96.04
R12-25	313382.424	4980465.104	410.761	88.15

APPENDIX C - Table 1 - All Collars, NAD83 UTM Zone 16N				
BHID	**XCOLLAR**	**YCOLLAR**	**ZCOLLAR (m)**	**EOH (m)**
R12-26	313338.893	4980509.93	407.983	87.8
R12-27	313355.981	4980535.421	408.461	96.95
R12-28	313385.209	4980499.3	410.216	106.1
R12-29	313392.201	4980528.482	410.789	103.05
R12-30	313444.155	4980582.773	410.644	136.59
R12-31	313430.56	4980631.243	410.201	157.93
R12-32	313455.532	4980651.147	407.957	139.63
R12-33	313487.437	4980626.23	408.632	118.29
R12-34	313453.079	4980699.415	406.857	157.62
R12-35	313481.027	4980676.615	407.73	139.33
R12-36	313465.473	4980733.796	406.576	154.88
R12-37	313415.144	4980693.835	406.765	171.04
R12-38	313387.01	4980773.479	405.575	145.73
R12-39	313356.086	4980714.3	405.86	207.93
R12-40	313290.228	4980694.829	405.628	139.63
R12-41	313374.138	4980650.152	408.214	191.46
R12-42	313296.329	4980565.371	407.136	112.2

BHID	Depth (m)	BRG	DIP
RF86-01	0	120	-82
RF86-01	129.57	120	-82
RF86-02	0	135	-69
RF86-02	100.61	135	-65
RF86-02	140.24	135	-62
RF86-02	162.5	135	-62
RF86-03	0	135	-60
RF86-03	60.98	135	-58
RF86-03	91.46	135	-56
RF86-03	111.28	135	-56
RF87-05	0	135	-55
RF87-05	42.68	135	-52
RF87-05	94.51	135	-50
RF87-05	134.15	135	-48
RF87-05	182.93	135	-45
RF87-05	222.87	135	-45
RF87-08	0	135	-58
RF87-08	67.99	135	-55
RF87-08	118.9	135	-52
RF87-08	169.21	135	-48
RF87-08	232.62	135	-48
RF87-09	0	135	-55
RF87-09	91.46	135	-54
RF87-09	171.65	135	-54
RF87-10	0	135	-82
RF87-10	45.73	135	-75
RF87-10	97.56	135	-70
RF87-10	158.54	135	-64
RF87-10	229.57	135	-64
RF87-11-RI	0	145	-45
RF87-11-RI	185.98	145	-45
RF87-12	0	135	-42
RF87-12	85.37	135	-40
RF87-12	146.04	135	-40
RF87-13	0	135	-45
RF87-13	77.74	135	-42
RF87-13	189.63	135	-42
RF87-15	0	135	-40
RF87-15	155.79	135	-40
RF88-19	0	135	-55
RF88-19	128.66	135	-55
RF88-20	0	135	-60
RF88-20	91.46	135	-60
RF88-20A	0	135	-65
RF88-20A	24.39	135	-65
RF88-22	0	135	-65
RF88-22	167.68	135	-65
RF89-29	0	135	-55
RF89-29	232.93	135	-55
RF89-32	0	135	-54
RF89-32	229.57	135	-54
RF89-33	0	135	-54
RF89-33	170.12	135	-54
RF89-36	0	135	-57
RF89-36	71.65	135	-55
RF89-36	106.71	135	-53
RF89-36	208.84	135	-53
RF89-37	0	135	-50
RF89-37	180.79	135	-50
GBP-1	0	129.62	-49.79
GBP-1	6.1	129.79	-48.55
GBP-1	12.2	128.72	-48.25
GBP-1	18.29	128.24	-48.05
GBP-1	24.39	128.61	-48.34
GBP-1	30.49	128.7	-48.59
GBP-1	36.59	128.46	-48.8
GBP-1	42.68	128.53	-48.98
GBP-1	48.78	128.67	-49.05
GBP-1	54.88	128.59	-49.26
GBP-1	60.98	128.56	-49.3
GBP-2	0	129.36	-49.32
GBP-2	14.63	129.36	-49.32
GBP-2	20.73	130.71	-49.4
GBP-2	26.83	130.94	-49.36
GBP-2	32.93	129.42	-49.4
GBP-2	39.02	130.66	-49.38
GBP-2	45.12	130.91	-49.4
GBP-2	51.22	131.68	-49.44
GBP-2	57.32	130.62	-49.33
GBP-2	63.41	130.1	-49.35
GBP-2	69.51	130.46	-49.2
GBP-3	0	132.43	-49.22
GBP-3	6.1	130.48	-49.47
GBP-3	12.2	131.06	-49.02
GBP-3	18.29	130.72	-48.95
GBP-3	24.39	132.44	-48.82
GBP-3	30.49	132.3	-48.93
GBP-3	36.59	131.94	-48.78
GBP-3	42.68	131.19	-48.73
GBP-3	48.78	133.97	-48.55
GBP-3	54.88	131.35	-48.54
GBP-3	60.98	128.57	-48.38

BHID	Depth (m)	BRG	DIP
GBP-3	67.07	130.09	-48.24
R11-4	0	133.61	-49.09
R11-4	5.79	133.61	-49.09
R11-4	11.89	132.85	-48.88
R11-4	17.99	133.16	-48.92
R11-4	24.09	133.72	-48.99
R11-4	30.18	133.8	-48.85
R11-4	36.28	136.59	-48.77
R11-4	42.38	134.06	-48.73
R11-4	48.48	133.4	-48.82
R11-4	54.57	134.38	-48.71
R11-4	60.67	133.88	-48.68
R11-5	0	131.99	-48.61
R11-5	2.74	131.99	-48.61
R11-5	8.84	129.58	-48.81
R11-5	14.94	129.78	-48.55
R11-5	21.04	130.9	-48.46
R11-5	27.13	133.47	-48.35
R11-5	33.23	130.87	-48.36
R11-5	39.33	130.48	-48.25
R11-5	45.43	131.16	-48.16
R11-5	51.52	131.42	-48.25
R11-5	57.62	130.59	-48.23
R11-6	0	137.37	-58.08
R11-6	6.1	137.37	-58.08
R11-6	12.2	135.33	-57.87
R11-6	18.29	134.77	-57.65
R11-6	24.39	135.04	-57.55
R11-6	30.49	136.56	-57.73
R11-6	36.59	135.98	-57.37
R11-6	42.68	135.59	-57.3
R11-6	48.78	136.29	-57.21
R11-6	54.88	135.94	-56.98
R11-7	0	135.5	-59.94
R11-7	6.1	135.5	-59.94
R11-7	12.2	134.48	-59.85
R11-7	18.29	134.67	-60.17
R11-7	24.39	135.03	-59.98
R11-7	30.49	134.78	-59.91
R11-7	36.59	136.11	-59.85
R11-7	42.68	135.86	-59.89
R11-7	48.78	135.07	-59.7
R11-7	54.88	135.95	-59.68
R11-8	0	135.03	-59.64
R11-8	3.05	135.03	-59.64
R11-8	9.15	134.33	-59.45
R11-8	15.24	132.94	-59.84
R11-8	21.34	133.17	-59.72
R11-8	27.44	134.13	-59.46
R11-8	33.54	136.19	-59.4
R11-8	39.63	135.19	-59.01
R11-8	45.73	135.93	-58.81
R11-8	51.83	134.73	-58.52
R11-8	57.93	136.52	-58.18
R11-8	64.02	136.29	-57.53
R11-8	70.12	135.98	-57.52
R11-9	0	134.34	-59.99
R11-9	3.05	134.34	-59.99
R11-9	9.15	132.72	-59.57
R11-9	15.24	133.86	-59.6
R11-9	21.34	134.15	-59.56
R11-9	27.44	132.43	-59.43
R11-9	33.54	133.07	-59.5
R11-9	39.63	131.19	-59.52
R11-9	45.73	137.76	-59.62
R11-9	51.83	137.86	-59.53
R11-9	57.93	135.96	-59.65
R11-9	64.02	135.22	-59.74
R11-10	0	134.27	-58.91
R11-10	6.1	134.27	-58.91
R11-10	12.2	132.44	-58.8
R11-10	18.29	131.91	-58.89
R11-10	24.39	131	-58.94
R11-10	30.49	131.6	-58.95
R11-10	36.59	130.63	-59.03
R11-10	42.68	132.38	-59.03
R11-10	48.78	133.38	-59.17
R11-10	54.88	133.63	-59.26
R11-10	60.98	134.05	-59.23
R11-10	67.07	134.24	-59.47
R11-11	0	131.72	-59.55
R11-11	9.45	131.72	-59.55
R11-11	15.55	131.17	-59.24
R11-11	21.65	130.86	-59.35
R11-11	27.74	131.79	-59.35
R11-11	33.84	130.68	-59.43
R11-11	39.94	131.29	-59.49
R11-11	46.04	132.67	-59.36
R11-11	52.13	130.21	-59.52
R11-11	58.23	133.18	-59.43
R11-11	64.33	133.18	-59.5
R11-11	70.43	133.17	-59.49

APPENDIX C - Drillhole Database - Table 2 - All Surveys

BHID	Depth (m)	BRG	DIP
R11-12	0	132.03	-58.98
R11-12	9.15	132.03	-58.98
R11-12	15.24	133.27	-58.89
R11-12	21.34	132.55	-58.72
R11-12	27.44	133.5	-58.75
R11-12	33.54	132.69	-58.77
R11-12	39.63	132.63	-58.65
R11-12	45.73	133.3	-58.59
R11-12	51.83	132.27	-58.6
R11-12	57.93	132.84	-58.54
R11-12	64.02	132.24	-58.39
R11-12	70.12	133.38	-58.31
R11-12	76.22	134.96	-58.3
R11-13	0	135.67	-59.57
R11-13	5.79	135.67	-59.57
R11-13	11.89	131.27	-58.97
R11-13	17.99	135.29	-59.04
R11-13	24.09	131.25	-58.91
R11-13	30.18	129.47	-58.82
R11-13	36.28	127.18	-58.79
R11-13	42.38	127.17	-58.79
R11-13	48.48	127.08	-58.76
R11-13	54.57	133.02	-58.7
R11-13	60.67	132.8	-58.72
R11-13	66.77	133.06	-58.78
R11-13	72.87	132.66	-58.7
R11-13	78.96	132	-58.75
R11-13	85.06	133.56	-58.45
R11-13	91.16	133.88	-58.06
R11-13	97.26	132.73	-57.77
R11-14	0	133.96	-59.66
R11-14	2.74	133.96	-59.66
R11-14	8.84	132.08	-58.9
R11-14	14.94	132.33	-58.34
R11-14	21.04	133.85	-58.75
R11-14	27.13	133.2	-58.45
R11-14	33.23	135.49	-58.23
R11-14	39.33	132.49	-58.07
R11-14	45.43	132.72	-57.9
R11-14	51.52	134.11	-57.76
R11-14	57.62	134.96	-57.67
R11-14	63.72	133.71	-57.78
R11-14	69.82	134.15	-57.68
R11-14	75.91	134.5	-57.59
R11-14	0	133.96	-59.66
R11-14	8.84	132.08	-58.9

BHID	Depth (m)	BRG	DIP
R11-14	14.94	132.33	-58.34
R11-14	21.04	133.85	-58.75
R11-14	27.13	133.2	-58.45
R11-14	33.23	135.49	-58.23
R11-14	39.33	132.49	-58.07
R11-14	45.43	132.72	-57.9
R11-14	51.52	134.11	-57.76
R11-14	57.62	134.96	-57.67
R11-14	63.72	133.71	-57.78
R11-14	69.82	134.15	-57.68
R11-14	75.91	134.5	-57.59
R11-15	0	127.07	-58.69
R11-15	17.99	128.95	-59.28
R11-15	24.09	128.98	-59.16
R11-15	30.18	129.38	-58.88
R11-15	36.28	128.38	-58.79
R11-15	42.38	129.56	-58.71
R11-15	48.48	129.34	-58.81
R11-15	54.57	130.26	-58.82
R11-15	66.77	128.82	-58.83
R11-15	72.87	128.29	-58.87
R11-16	0	130.29	-68.79
R11-16	24.09	132.82	-69.24
R11-16	30.18	132.28	-69.4
R11-16	36.28	132.27	-69.32
R11-16	42.38	132.04	-69.29
R11-16	48.48	133.14	-69.26
R11-17	0	132.48	-59
R11-17	15.24	133.31	-58.85
R11-17	21.34	133.51	-58.63
R11-17	27.44	132.64	-58.56
R11-17	33.54	134	-58.42
R11-17	39.63	133.38	-58.58
R11-17	45.73	134.13	-58.65
R11-17	51.83	135.78	-58.56
R11-17	57.93	137.36	-58.41
R11-17	64.02	138.72	-58.47
R11-17	70.12	137.32	-58.39
R11-18	0	131.06	-58.34
R11-18	24.39	132.43	-58.24
R11-18	30.49	128.82	-58.17
R11-18	36.59	131.61	-57.86
R11-18	42.68	129.55	-57.56
R11-18	48.78	131.52	-57.26
R11-18	60.98	133.46	-56.68
R11-18	73.17	132.24	-56.4

BHID	Depth (m)	BRG	DIP
R11-18	85.37	130.45	-55.75
R11-18	91.46	129.73	-55.38
R11-18	97.56	128.75	-54.86
R11-19	0	137.57	-57.13
R11-19	25.91	137.7	-58.04
R11-19	32.01	137.95	-58
R11-19	38.11	138.28	-57.86
R11-19	44.21	139.23	-57.92
R11-19	50.3	136.66	-57.78
R11-19	56.4	140.76	-57.41
R11-19	62.5	137.36	-57.25
R11-19	68.6	140.86	-57.22
R11-19	74.7	141.03	-57.15
R11-19	80.79	142.36	-57.19
R11-19	86.89	139.95	-57.22
R11-19	92.99	137.96	-57.15
R11-19	99.09	138.23	-57.13
R11-19	105.18	139.37	-57.15
R11-19	111.28	138.09	-57.02
R11-19	115.85	138.13	-57.02
R11-20	0	132.8	-59.35
R11-20	19.82	132.11	-59.32
R11-20	25.91	137.46	-59.36
R11-20	32.01	133.59	-59.28
R11-20	38.11	136.76	-59.17
R11-20	44.21	132.19	-59.17
R11-20	50.3	134.12	-59.21
R11-20	56.4	132.55	-59.16
R11-20	62.5	133.44	-59.17
R11-20	68.6	134.09	-59.15
R11-20	74.7	133.67	-59.19
R11-20	80.79	133.79	-59.16
R11-20	86.89	132.9	-59.02
R11-20	92.99	134.74	-59.04
R11-20	99.09	133.13	-58.92
R11-20	105.18	131.98	-58.98
R11-20	111.28	132.38	-59.06
R11-21	0	132.64	-57.55
R11-21	22.87	130.69	-57.59
R11-21	41.16	132.02	-57.43
R11-21	47.26	132.65	-57.37
R11-21	53.35	131.45	-57.26
R11-21	59.45	135	-57.35
R11-21	65.55	134.87	-57.14
R11-21	71.65	134.96	-57.25
R11-21	77.74	133.36	-57.15

BHID	Depth (m)	BRG	DIP
R11-21	83.84	133.13	-57.18
R11-21	96.04	133.03	-56.93
R11-21	102.13	133.68	-56.97
R11-21	108.23	135.06	-56.88
R11-21	114.33	134	-56.89
R11-21	120.43	132.79	-56.97
R11-22	0	129.54	-57.78
R11-22	28.96	129.61	-58.66
R11-22	35.06	126.93	-58.55
R11-22	47.26	133.13	-58.38
R11-22	59.45	129.19	-58.25
R11-22	65.55	131.8	-58.39
R11-22	71.65	132.54	-58.08
R11-22	77.74	133.71	-58.07
R11-22	83.84	130.38	-58.06
R11-22	89.94	130.12	-58.02
R11-22	96.04	130.2	-58.02
R11-22	102.13	132.14	-58.01
R11-22	108.23	130.48	-57.96
R11-22	114.33	133.44	-57.92
R11-22	120.43	134.14	-58.01
R11-22	126.52	132.05	-58.06
R11-22	132.62	133.58	-57.73
R11-22	144.82	131.81	-56.94
R11-22	150.91	130.49	-56.75
R11-23	0	132.42	-58.28
R11-23	22.87	131.48	-58.31
R11-23	28.96	131.71	-58.42
R11-23	41.16	132.27	-58.33
R11-23	53.35	134.71	-58.25
R11-23	59.45	131.8	-58.21
R11-23	65.55	131.87	-58.19
R11-23	71.65	131.9	-58.31
R11-23	77.74	132.13	-58.34
R11-23	83.84	136.2	-58.24
R11-23	96.04	130.31	-58.31
R11-23	102.13	130.92	-58.07
R11-23	108.23	130.6	-58.1
R11-24	0	132.44	-57.39
R11-24	22.87	132.37	-57.67
R11-24	28.96	133.62	-57.95
R11-24	35.06	133.36	-57.92
R11-24	41.16	134.02	-57.86
R11-24	47.26	134.1	-57.94
R11-24	53.35	133.55	-57.89
R11-24	59.45	133.55	-57.73

APPENDIX C - Drillhole Database - Table 2 - All Surveys

BHID	Depth (m)	BRG	DIP
R11-24	77.74	132.75	-57.67
R11-24	83.84	132.37	-57.59
R11-24	89.94	132.7	-57.56
R11-24	96.04	133.02	-57.28
R12-25	0	130	-58.74
R12-25	26.83	130.09	-58.76
R12-25	29.88	130.01	-58.66
R12-25	32.93	130.2	-58.58
R12-25	39.02	131.44	-58.6
R12-25	42.07	132.92	-58.59
R12-25	45.12	132.03	-58.56
R12-25	54.27	132.41	-58.54
R12-25	57.32	132.18	-58.55
R12-25	60.37	132.28	-58.57
R12-25	63.41	132.86	-58.58
R12-25	66.46	132.77	-58.58
R12-25	69.51	134.22	-58.57
R12-25	72.56	134.1	-58.56
R12-25	75.61	134.61	-58.54
R12-25	78.66	134.22	-58.54
R12-25	81.71	134.45	-58.54
R12-25	84.76	136.47	-58.53
R12-25	87.8	134.32	-58.56
R12-26	0	131.05	-50
R12-26	20.73	131.3	-50.03
R12-26	23.78	131.97	-50.1
R12-26	26.83	131.22	-50.19
R12-26	29.88	132.34	-50.16
R12-26	32.93	132.26	-50.17
R12-26	35.98	131.6	-50.11
R12-26	39.02	132.3	-50.18
R12-26	42.07	131.68	-50.21
R12-26	45.12	130.97	-50.27
R12-26	48.17	133.64	-50.29
R12-26	54.27	131.08	-50.42
R12-26	60.37	130.05	-50.55
R12-26	63.41	131.86	-50.46
R12-26	69.51	132.76	-50.41
R12-26	72.56	133.58	-50.44
R12-26	78.66	134.21	-50.47
R12-26	84.76	134.55	-50.5
R12-26	87.8	134.21	-50.54
R12-27	0	133.86	-58.84
R12-27	20.73	134.43	-58.86
R12-27	23.78	134.39	-58.92
R12-27	26.83	134.6	-58.9

BHID	Depth (m)	BRG	DIP
R12-27	29.88	134.43	-58.92
R12-27	32.93	134.78	-58.93
R12-27	35.98	134.87	-58.96
R12-27	39.02	135.14	-58.99
R12-27	42.07	134.29	-58.98
R12-27	45.12	134.48	-58.97
R12-27	48.17	134.29	-58.99
R12-27	51.22	135.32	-58.99
R12-27	54.27	135.74	-58.99
R12-27	57.32	135.79	-58.97
R12-27	60.37	136.33	-58.94
R12-27	63.41	137.13	-58.92
R12-27	72.56	137.06	-58.85
R12-27	78.66	139.41	-58.8
R12-27	81.71	141.19	-58.78
R12-27	84.76	141.97	-58.75
R12-27	87.8	139.32	-58.72
R12-27	90.85	137.65	-58.71
R12-27	93.9	137.05	-58.72
R12-27	96.95	136.63	-58.71
R12-28	0	133.04	-58.47
R12-28	20.73	133.96	-58.51
R12-28	23.78	133.88	-58.5
R12-28	26.83	133.3	-58.61
R12-28	29.88	134.66	-58.63
R12-28	35.98	133.23	-58.64
R12-28	39.02	134.27	-58.67
R12-28	42.07	135.14	-58.68
R12-28	45.12	133.63	-58.69
R12-28	48.17	134.34	-58.64
R12-28	57.32	134.31	-58.56
R12-28	60.37	133.38	-58.54
R12-28	63.41	133.62	-58.52
R12-28	75.61	136.8	-58.46
R12-28	78.66	135.79	-58.44
R12-28	81.71	134.47	-58.38
R12-28	84.76	137.46	-58.37
R12-28	97.87	137.19	-58.4
R12-28	100.61	137.5	-58.45
R12-28	103.35	136.95	-58.45
R12-28	106.1	136.67	-58.47
R12-29	0	132.19	-60.54
R12-29	20.73	132.19	-60.56
R12-29	23.78	132.56	-60.58
R12-29	26.83	132.58	-60.64
R12-29	29.88	132.22	-60.62

APPENDIX C - Drillhole Database - Table 2 - All Surveys

BHID	Depth (m)	BRG	DIP
R12-29	32.93	132.92	-60.6
R12-29	35.98	132.52	-60.63
R12-29	39.02	133.94	-60.64
R12-29	42.07	133.37	-60.64
R12-29	45.12	132.24	-60.66
R12-29	48.17	132.9	-60.66
R12-29	51.22	132.86	-60.64
R12-29	57.32	133.43	-60.61
R12-29	60.37	131.78	-60.58
R12-29	63.41	133.92	-60.56
R12-29	69.51	135.74	-60.51
R12-29	72.56	135.32	-60.45
R12-29	75.61	134.56	-60.37
R12-29	78.66	134.5	-60.27
R12-29	81.71	132.49	-60.18
R12-29	84.76	134.61	-60.14
R12-29	87.8	134.91	-60.12
R12-29	90.85	135.23	-60.13
R12-29	93.9	134.76	-60.12
R12-29	100	135.88	-60.15
R12-29	103.05	136.82	-60.11
R12-30	0	130.08	-59.29
R12-30	20.73	129.95	-59.29
R12-30	29.88	129.53	-59.36
R12-30	32.93	131.15	-59.39
R12-30	35.98	132.56	-59.38
R12-30	39.02	132.55	-59.35
R12-30	45.12	133.14	-59.32
R12-30	48.17	133.31	-59.31
R12-30	51.22	132.28	-59.29
R12-30	54.27	135.09	-59.44
R12-30	57.32	132.44	-59.22
R12-30	75.61	131.64	-58.98
R12-30	78.66	134.14	-58.95
R12-30	81.71	132.77	-58.94
R12-30	84.76	131.67	-58.93
R12-30	87.8	132.59	-58.89
R12-30	90.85	133.98	-58.84
R12-30	100	132.25	-58.78
R12-30	103.05	132.19	-58.73
R12-30	106.1	134.8	-58.65
R12-30	115.24	132.4	-58.57
R12-30	118.29	129.33	-58.57
R12-30	121.34	130.13	-58.54
R12-30	124.39	133.2	-58.51
R12-30	127.44	131.63	-58.44

BHID	Depth (m)	BRG	DIP
R12-30	130.49	135.59	-58.39
R12-30	133.54	132.59	-58.38
R12-30	136.59	132.07	-58.35
R12-31	0	128.04	-47.93
R12-31	26.83	129.8	-47.88
R12-31	29.88	129.5	-47.9
R12-31	32.93	129.91	-47.86
R12-31	35.98	129.35	-47.87
R12-31	39.02	128.43	-47.85
R12-31	42.07	129.02	-47.81
R12-31	45.12	128.41	-47.82
R12-31	48.17	129.75	-47.83
R12-31	51.22	128.95	-47.84
R12-31	60.37	130.07	-47.83
R12-31	66.46	130.82	-47.84
R12-31	69.51	129.62	-47.83
R12-31	75.61	129.22	-47.83
R12-31	78.66	128.79	-47.88
R12-31	81.71	128.95	-47.88
R12-31	84.76	128.85	-47.88
R12-31	87.8	129.83	-47.82
R12-31	96.95	127.03	-47.67
R12-31	100	128.75	-47.67
R12-31	106.1	130.27	-47.68
R12-31	109.15	129.63	-47.67
R12-31	112.2	130.13	-47.67
R12-31	115.24	130.12	-47.66
R12-31	121.34	128.12	-47.64
R12-31	124.39	129.75	-47.63
R12-31	127.44	129.65	-47.62
R12-31	130.49	128.94	-47.61
R12-31	133.54	128.81	-47.6
R12-31	136.59	128.64	-47.59
R12-31	139.63	129.92	-47.56
R12-31	142.68	128.48	-47.56
R12-31	148.78	130.2	-47.6
R12-31	151.83	129.24	-47.67
R12-31	154.88	128.5	-47.67
R12-31	157.93	128.55	-47.64
R12-32	0	130.67	-57.94
R12-32	26.83	130.24	-57.59
R12-32	29.88	130.66	-57.57
R12-32	32.93	130.59	-57.55
R12-32	39.02	131.28	-57.48
R12-32	42.07	132.42	-57.43
R12-32	45.12	132.2	-57.37

APPENDIX C - Drillhole Database - Table 2 - All Surveys

BHID	Depth (m)	BRG	DIP
R12-32	48.17	132.14	-57.3
R12-32	51.22	135.33	-57.28
R12-32	57.32	132.42	-57.18
R12-32	63.41	133.3	-57.11
R12-32	66.46	131.77	-57
R12-32	69.51	133.94	-56.9
R12-32	72.56	132.63	-56.81
R12-32	75.61	132.72	-56.79
R12-32	78.66	133.34	-56.77
R12-32	81.71	132.36	-56.75
R12-32	84.76	132.5	-56.68
R12-32	87.8	132.79	-56.61
R12-32	93.9	133.87	-56.55
R12-32	100	131.92	-56.55
R12-32	103.05	132.85	-56.53
R12-32	106.1	130.95	-56.53
R12-32	109.15	131.18	-56.53
R12-32	112.2	132.07	-56.52
R12-32	118.29	132	-56.5
R12-32	121.34	131.41	-56.5
R12-32	124.39	127.63	-56.5
R12-32	127.44	132.83	-56.48
R12-32	130.49	131.66	-56.47
R12-32	133.54	132.63	-56.46
R12-32	136.59	132.84	-56.49
R12-32	139.63	131.57	-56.49
R12-33	0	128.62	-58.65
R12-33	32.93	129.24	-58.63
R12-33	35.98	130.29	-58.62
R12-33	39.02	130.4	-58.62
R12-33	42.07	128.45	-58.57
R12-33	45.12	128.02	-58.51
R12-33	48.17	129.58	-58.45
R12-33	51.22	132.7	-58.41
R12-33	60.37	130.98	-58.31
R12-33	63.41	129.2	-58.28
R12-33	66.46	130.13	-58.28
R12-33	69.51	129.62	-58.29
R12-33	72.56	130.2	-58.26
R12-33	84.76	128.84	-58.23
R12-33	87.8	128.69	-58.24
R12-33	90.85	129.78	-58.24
R12-33	93.9	128.92	-58.19
R12-33	96.95	128.64	-58.17
R12-33	100	128.96	-58.13
R12-33	103.05	131.35	-58.02

BHID	Depth (m)	BRG	DIP
R12-33	106.1	130.32	-57.99
R12-33	109.15	132.96	-57.9
R12-33	112.2	128.67	-57.83
R12-33	115.24	128.03	-57.8
R12-33	118.29	127.61	-57.98
R12-34	0	128.12	-48.07
R12-34	44.82	128.21	-48.02
R12-34	47.87	127.94	-47.99
R12-34	50.91	128.17	-47.98
R12-34	53.96	130.02	-48.04
R12-34	57.01	127.91	-48.17
R12-34	60.06	128.88	-48.1
R12-34	66.16	129.61	-48.15
R12-34	69.21	128.93	-48.13
R12-34	72.26	128.06	-48.16
R12-34	75.3	129.43	-48.15
R12-34	81.4	127.77	-48.2
R12-34	84.45	128.43	-48.25
R12-34	87.5	128.24	-48.24
R12-34	90.55	128.17	-48.22
R12-34	93.6	127.53	-48.24
R12-34	99.7	130.38	-48.24
R12-34	102.74	129.32	-48.21
R12-34	108.84	129.37	-48.15
R12-34	111.89	124.04	-48.1
R12-34	114.94	127.93	-48.13
R12-34	117.99	130.39	-48.11
R12-34	121.04	131.36	-48.08
R12-34	124.09	129.82	-48.08
R12-34	127.13	131.06	-48.27
R12-34	130.18	131.6	-48.05
R12-34	133.23	126.86	-48.04
R12-34	148.48	124.81	-48.08
R12-34	151.52	128.73	-48.09
R12-34	154.57	128.81	-48.06
R12-34	157.62	128.73	-47.99
R12-35	0	129.32	-49.75
R12-35	23.48	129.8	-49.55
R12-35	26.52	131.52	-49.51
R12-35	29.57	131.45	-49.51
R12-35	35.67	130.55	-49.55
R12-35	38.72	131.85	-49.54
R12-35	41.77	130.22	-49.51
R12-35	47.87	130.59	-49.5
R12-35	53.96	130.24	-49.52
R12-35	57.01	129.81	-49.52

BHID	Depth (m)	BRG	DIP
R12-35	60.06	129.49	-49.49
R12-35	63.11	130.77	-49.5
R12-35	66.16	130.44	-49.5
R12-35	69.21	132.99	-49.49
R12-35	72.26	131.13	-49.49
R12-35	75.3	130.85	-49.49
R12-35	78.35	131.13	-49.49
R12-35	90.55	131.81	-49.38
R12-35	93.6	132.57	-49.35
R12-35	96.65	131.64	-49.35
R12-35	99.7	131.07	-49.34
R12-35	105.79	128.49	-49.33
R12-35	114.94	130.96	-49.37
R12-35	117.99	131.93	-49.43
R12-35	121.04	130.76	-49.45
R12-35	127.13	133.41	-49.44
R12-35	130.18	130.24	-49.44
R12-35	133.23	130.91	-49.42
R12-35	136.28	131.39	-49.43
R12-35	139.33	131.17	-49.42
R12-36	0	130.63	-58.06
R12-36	20.73	131.38	-58.82
R12-36	23.78	131.34	-58.87
R12-36	26.83	131.88	-58.83
R12-36	29.88	135.33	-58.77
R12-36	32.93	131.11	-58.73
R12-36	35.98	130.95	-58.76
R12-36	39.02	129.2	-58.73
R12-36	42.07	129.18	-58.83
R12-36	45.12	130.31	-58.81
R12-36	51.22	128.07	-58.82
R12-36	57.32	131.11	-58.82
R12-36	78.66	130.89	-58.7
R12-36	81.71	132.5	-58.65
R12-36	87.8	131.47	-58.62
R12-36	93.9	128.85	-58.61
R12-36	96.95	131.99	-58.56
R12-36	100	130.24	-58.57
R12-36	103.05	133.49	-58.58
R12-36	106.1	130.23	-58.6
R12-36	109.15	130.43	-58.56
R12-36	112.2	124.87	-58.51
R12-36	115.24	139.47	-58.47
R12-36	118.29	132.99	-58.43
R12-36	127.44	133.48	-58.37
R12-36	130.49	132.42	-58.37

BHID	Depth (m)	BRG	DIP
R12-36	133.54	132.92	-58.34
R12-36	136.59	131.64	-58.35
R12-36	139.63	133.17	-58.32
R12-36	145.73	132.23	-58.25
R12-36	148.78	133.68	-58.27
R12-36	151.83	134.01	-58.31
R12-36	154.88	133.24	-58.31
R12-37	0	132.92	-58.35
R12-37	24.7	130.65	-58.35
R12-37	27.74	129.73	-58.32
R12-37	30.79	129.24	-58.3
R12-37	33.84	128.72	-58.31
R12-37	36.89	130.55	-58.24
R12-37	39.94	128.1	-58.21
R12-37	42.99	127.89	-58.12
R12-37	46.04	131.55	-58.06
R12-37	64.33	130.39	-57.8
R12-37	70.43	133.03	-57.29
R12-37	73.48	133	-56.71
R12-37	76.52	128.8	-56.76
R12-37	79.57	132.95	-56.77
R12-37	82.62	131.6	-56.82
R12-37	85.67	130.04	-56.94
R12-37	88.72	128.73	-56.7
R12-37	91.77	132.2	-56.64
R12-37	94.82	128.08	-56.67
R12-37	97.87	128.97	-56.67
R12-37	100.91	132.41	-56.69
R12-37	103.96	133.46	-56.65
R12-37	107.01	129.97	-56.59
R12-37	110.06	129.55	-56.55
R12-37	113.11	132.62	-56.51
R12-37	119.21	129.15	-56.38
R12-37	125.3	132.25	-56.25
R12-37	134.45	133.48	-56.19
R12-37	137.5	132.12	-56.01
R12-37	140.55	131.29	-55.92
R12-37	143.6	130.8	-55.79
R12-37	146.65	130.74	-55.59
R12-37	149.7	132.69	-55.38
R12-37	152.74	132.99	-55.3
R12-37	155.79	129.8	-55.23
R12-37	158.84	130.82	-55.19
R12-37	161.89	131.28	-55.23
R12-37	164.94	131.15	-55.23
R12-37	167.99	131.21	-55.24

BHID	Depth (m)	BRG	DIP
R12-37	171.04	131.12	-55.28
R12-38	0	130.78	-49.54
R12-38	28.35	130.27	-49.34
R12-38	31.4	129.22	-49.31
R12-38	34.45	128.09	-49.34
R12-38	37.5	128.43	-49.39
R12-38	40.55	128.82	-49.38
R12-38	43.6	130.31	-49.35
R12-38	46.65	130.4	-49.3
R12-38	49.7	130.13	-49.27
R12-38	52.74	130.36	-49.26
R12-38	55.79	132.21	-49.32
R12-38	58.84	130.1	-49.45
R12-38	61.89	131.07	-49.38
R12-38	64.94	133.6	-49.41
R12-38	67.99	129.8	-49.43
R12-38	71.04	129.12	-49.41
R12-38	74.09	128.25	-49.44
R12-38	77.13	129.62	-49.43
R12-38	80.18	132.99	-49.47
R12-38	83.23	128.96	-49.48
R12-38	86.28	129.62	-49.53
R12-38	89.33	129.43	-49.52
R12-38	92.38	129.36	-49.5
R12-38	95.43	128.72	-49.52
R12-38	98.48	129.61	-49.53
R12-38	101.52	131.57	-49.52
R12-38	104.57	130.51	-49.49
R12-38	107.62	128.09	-49.45
R12-38	110.67	130.56	-49.43
R12-38	116.77	128.12	-49.41
R12-38	119.82	130.58	-49.39
R12-38	122.87	131.55	-49.36
R12-38	125.91	130.01	-49.36
R12-38	128.96	131.25	-49.55
R12-38	132.01	131.79	-49.33
R12-38	135.06	130.05	-49.32
R12-38	138.11	128.82	-49.33
R12-38	141.16	131.1	-49.34
R12-38	144.21	131.91	-49.34
R12-38	145.73	130.66	-49.38
R12-39	0	131.45	-55.85
R12-39	39.02	130.45	-55.89
R12-39	42.07	130.9	-55.88
R12-39	51.22	130.31	-55.81
R12-39	57.32	131.35	-55.8

BHID	Depth (m)	BRG	DIP
R12-39	60.37	133.33	-55.8
R12-39	63.41	127.99	-55.76
R12-39	72.56	128.47	-55.83
R12-39	75.61	126.28	-55.85
R12-39	78.66	127.48	-55.84
R12-39	81.71	126.67	-55.85
R12-39	87.8	129.64	-55.84
R12-39	93.9	130.84	-55.84
R12-39	96.95	131.37	-55.83
R12-39	100	131.91	-55.9
R12-39	103.05	132.62	-55.81
R12-39	106.1	130.81	-55.82
R12-39	109.15	133.28	-55.86
R12-39	112.2	129.89	-55.81
R12-39	130.49	132.82	-55.75
R12-39	136.59	133.16	-55.72
R12-39	139.63	132.62	-55.72
R12-39	142.68	132.79	-55.71
R12-39	145.73	131.52	-55.7
R12-39	148.78	132.38	-55.68
R12-39	151.83	136.14	-55.65
R12-39	157.93	132.89	-55.66
R12-39	164.02	135.86	-55.64
R12-39	167.07	135.32	-55.64
R12-39	170.12	136.13	-55.64
R12-39	173.17	136.39	-55.63
R12-39	179.27	136.8	-55.63
R12-39	182.32	134.74	-55.59
R12-39	185.37	136.39	-55.57
R12-39	188.41	137.25	-55.54
R12-39	191.46	138.24	-55.55
R12-39	194.51	134.46	-55.54
R12-39	197.56	132.39	-55.49
R12-39	200.61	131.93	-55.46
R12-39	203.66	132.04	-55.43
R12-39	206.71	132.05	-55.39
R12-40	0	130.53	-60.57
R12-40	32.93	132.94	-60.54
R12-40	42.07	131.03	-60.53
R12-40	45.12	128.55	-60.51
R12-40	51.22	129.93	-60.52
R12-40	54.27	130.39	-60.51
R12-40	57.32	130.56	-60.5
R12-40	60.37	129.87	-60.47
R12-40	66.46	131.25	-60.48
R12-40	69.51	134.27	-60.46

BHID	Depth (m)	BRG	DIP
R12-40	72.56	137.31	-60.44
R12-40	75.61	141.34	-60.45
R12-40	78.66	140.59	-60.46
R12-40	81.71	139.49	-60.45
R12-40	84.76	139.71	-60.43
R12-40	90.85	142.17	-60.42
R12-40	93.9	141.55	-60.42
R12-40	96.95	135.64	-60.44
R12-40	103.05	136.57	-60.42
R12-40	109.15	139.06	-60.24
R12-40	112.2	138.95	-60.2
R12-40	115.24	136.56	-60.18
R12-40	118.29	140.7	-60.16
R12-40	121.34	142.14	-60.1
R12-40	124.39	140.56	-60.04
R12-40	130.49	140.29	-59.91
R12-40	133.54	139.77	-59.9
R12-40	136.59	139.53	-59.92
R12-40	139.63	140.01	-59.94
R12-41	0	132.55	-54.21
R12-41	29.88	132.53	-54.18
R12-41	32.93	133.23	-54.19
R12-41	35.98	134.58	-54.19
R12-41	42.07	134.64	-54.14
R12-41	45.12	132.85	-54.13
R12-41	60.37	133.06	-54.15
R12-41	63.41	133.32	-54.11
R12-41	66.46	135.99	-54.13
R12-41	69.51	134.18	-54.12
R12-41	72.56	134.54	-54.13
R12-41	75.61	133.44	-54.13
R12-41	78.66	133.54	-54.13
R12-41	81.71	135.1	-54.12
R12-41	84.76	132.52	-54.08
R12-41	87.8	134.32	-54.05
R12-41	90.85	135.48	-54
R12-41	93.9	133.55	-54
R12-41	100	133.57	-53.98
R12-41	103.05	136.22	-53.96
R12-41	112.2	138.81	-53.87
R12-41	115.24	139.22	-53.76
R12-41	121.34	140.83	-53.59
R12-41	127.44	141.39	-53.56
R12-41	130.49	139.8	-53.55
R12-41	136.59	140.01	-54.48
R12-41	154.88	137.27	-53.02

BHID	Depth (m)	BRG	DIP
R12-41	157.93	136.9	-52.99
R12-41	160.98	133.3	-52.95
R12-41	164.02	133.58	-52.91
R12-41	167.07	133.75	-52.88
R12-41	170.12	135.58	-52.9
R12-41	173.17	136.51	-52.92
R12-41	176.22	135.49	-52.94
R12-41	179.27	134.85	-52.84
R12-41	182.32	135.17	-52.77
R12-41	185.37	135.47	-52.73
R12-41	188.41	135.68	-52.7
R12-41	191.46	135.93	-52.67
R12-42	0	129.58	-59.58
R12-42	17.68	130.51	-59.53
R12-42	20.73	130.27	-59.46
R12-42	23.78	130.75	-59.53
R12-42	26.83	131.37	-59.56
R12-42	29.88	130.24	-59.56
R12-42	32.93	130.42	-59.56
R12-42	35.98	130.68	-59.56
R12-42	39.02	131.7	-59.56
R12-42	45.12	128.57	-59.52
R12-42	48.17	132.3	-59.49
R12-42	51.22	130.54	-59.47
R12-42	54.27	133.58	-59.46
R12-42	60.37	131.68	-59.36
R12-42	63.41	132.5	-59.33
R12-42	66.46	129.38	-59.31
R12-42	69.51	126.9	-59.28
R12-42	72.56	130.78	-59.22
R12-42	84.76	135.61	-59.12
R12-42	87.8	133.3	-59.09
R12-42	90.85	135.17	-59.07
R12-42	93.9	135.34	-59.07
R12-42	96.95	134.57	-59.08
R12-42	100	135.14	-59.07
R12-42	103.05	133.36	-59.06
R12-42	106.1	133.73	-59.04
R12-42	109.15	134.41	-59.05
R12-42	112.2	134.89	-59.05

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
GBP-1	0.00	3.20	Overburden	Poor recovery, 0-10.5' represented by ~0.5' of unconsolidated loam. Unit is composed of sand, silt, tan clay w/ small pockets of organic material, and abundant float. Float is 90%, rusted, sub-rounded to angular quartz goethite; and 10% rusted granitic float. Float ranges in size from <1cm to 4cm diameter. Trace VG present in qtz float. Abundant weathering/staining in float, minor-moderate dark staining on qtz float, evidence of leached out sulfides.
GBP-1	3.20	3.81	Regolith	Sand, Silt, clay, organic mixture,possibly laterite. Tan in color, Rusted Qtz Goethite Frags throughout. VG present in qtz frags. No visible mineralization, however, qtz appears to be similar to Au-hosting qtz in ovb. Abundant weathering/staining in float, minor-moderate dark staining on qtz float, evidence of leached out sulfides.
GBP-1	3.81	7.77	Regolith	Mafic/ultramafic precurser, Unit varies in competency/saturation. Gradual upper contact contains pockets of laterite. Sapprolite is dark blue/grey, clay-like, and contains numerous regions w/ blue/yellow/green coloration: Hydrous silica enrichment? Within colorful regions, DEEP red weathered pockets common. No visible mineralization. Intensely weathered throughout, intensely altered in limonitic pockets?
GBP-1	7.77	8.38	Regolith	Orange/yellow/Red weathered rock. More chunky/chalky than sapprolite unit above (limonite?) Multiple <1cm-6cm fragments of harder, silicic fragments w/ yellow/orange coloration. Blue/Yellow/Green coloration w/ DEEP red pockets common. Deep red coloration increases near lower contact. No visible mineralization. I ntensely weathered throughout,
GBP-1	8.38	11.67	Regolith	Mafic/ultramafic precurser, Similar to above sapprolite unit. Increased yellow/blue/green coloration w/ respect to above sapprolite unit. No visible mineralization. Intensely weathered throughout, intensely altered throughout
GBP-1	11.67	12.37	Regolith	Red clay, water saturated, possibly laterite. Numerous <1cm-7cm qtz/goethite frags throughout. VG present in qtz frags. Intensely weathered throughout.
GBP-1	12.37	16.30	Regolith	Mafic/ultramafic precurser, Similar to above sapprolite units. Small laterite intervals (<15cm) present. Compared to overlying sapprolites, yellow coloration decreases, while aqua blue/green coloration increases. Downhole, sapprolitization decreases. In these regions, rocks are sheared, blue/green in color w/ deep red coloration within and near fractures. Laterite intervals persist through less sapprolitized regions near gradual lower contact. No visible sulfide mineralization. Intense weathering throughout, Aqua blue/green alteration .
GBP-1	16.30	26.35	Metagabbro	SHEAR/FAULT ZONE. Heterogenous metagabbro (granofels). Unit is broken, sheared, and locally brecciated throughout. Serpentinization is intense and widespread , and correlates with regions of most intense shearing. Localized, moderate to intense weathering present throughout unit, with small mafic sapprolite puck present at 20.8m, as well as numerous 1-4cm gray clay intervals...slip planes? Deep red stained patches and selvages also very common. Qtz veins and veinlets (65-90 deg to c.a.) present in both serpentinized and metagabbroic regions, Qtz carb veinlets restricted to serpentinized regions. Deep red weathering of oxides? present in veinlets, and vein selvages, as well as aqua blue/green hydrous mineral. Extremely variable unit. 1-2% py disseminated and within veinlets and vein selvages of all types. VFG silver metallic mineral disseminated within more altered, serpentinized regions. Moderate to intense weathering throughout. Most intense weathering occurs in sheared, brecciated, serpentinized regions.
GBP-1	26.35	30.50	Granofels	Intensely weathered, partially to completely sapprolitized mafic/ultramafic rock. Unit is sheared (60 deg to c.a.), and has aqua blue/green coloration in less sapprolitized regions. Hydrous silica-rich veins present in unit with pale green coloration when broken. These veins commonly have Deep red-stained selvages. At 29m, unmineralized, broken, qtz frags present amongst partially sapprolitized mafics. Upper and lower contacts marked by brown/grey clay pucks. Minor pyrite present in less weathered regions, minor-2% localized py disseminated within micaceous intervals near lower contact. strong to intense weathering throughout. From 29m to lower contact, localized micaceous pods are present.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
GBP-1	30.50	56.20	Metagabbro	Heterogenous amphibole,biotite-rich metagabbro (granofels) unit. Grain size ranges from medium grained to vfg. Minor-moderate shearing throughout (40-90 deg to c.a.). More intense, Localized deformation is reflected in distinct shear zones and brecciated regions. Serpentinized zones are common, as well as small chalky, weathered regions. Broken/deformed, recrystallized qtz veins and veinlets present throughout unit, and are often accompanied by light green, epidote alteration. Minor-2% disseminated py throughout, 3-6% localized py present in qtz veins, veinlets, and brecciated regions, commonly accompanied by yellow/green epidote alteration minerals. Localized epidote alteration, serpentinization, oxidation, and rare, dark green, chalky chloritic regions. From 42-45.8m, unit appears tuffaceous, with small 1mm, randomly oriented qtz grains.
GBP-1	56.20	64.80	Granofels	Heterogenous unit composed of localized, deformed, mottled, felsic granophyres. Pink/orange k-spar grains present. Minor disseminated py present along fracture planes. Dark green, chlorite/serpentinite alteration present near Felsic Intrusive at upper contact. Silicification throughout. Near lower contact, rock becomes fine grained, grey/brown in color, with a mottled/silicified appearance. Structures 40-60 deg to c.a.
GBP-1	64.80	66.40	Metagabbro	Heterogenous mafic volcanic rock composed of intensely sheared metagabbro, fine to coarse grained unsheared gabbro, fine grained, grey/green, relatively homogenous, chlorite altered flow basalts? And wispy, deformed, brecciated regions. Serpentinization, chlorite alteration locally throughout. Abundant sulfides with respect to other mafic volcanic units in hole. Minor serpentine present in fracture fillings. Trace to minor py disseminated throughout. Locally, 4-7% py,po present in wispy, deformed, brecciated regions, and within qtz/sulfide veinlets. Structures 40-55 deg to c.a. Possible representation of Mineralized zone "X" from cross-section
GBP-1	66.40	68.00	FW Gabbro	Fine-coarse grained, equigranular horneblend gabbro, fairly unaltered. Footwall to ore-grade mineralization. Rare unmineralized qtz veins. Tr-minor disseminated py
GBP-2	0.00	0.91	Overburden	Deep brown sand, silt, clay mixture w/ numerous 0-1cm qtz, granitic frags. 0.69m not recovered.
GBP-2	0.91	11.77	Regolith	Locally at 7.44-11.16m: Strongly weathered mafic intrusive, w/ strongly altered feldspar supported in mass of chlorite+biotite groundmass. Regolith: intensely weathered, hematite stained, and oxidized, most relict textures destroyed. Downhole contact sharp, broken, w/ weathered bedrock.
GBP-2	11.77	19.78	Metagabbro	Light to dark grey, strongly broken, massive, medium-locally coarse-grained ophitic to locally subophitic texture. Modal comp: 25-30%: ferromags (altered pyroxenes?) Strongly chloritized, interstitial, locally poilkilitic pyroxene? 70-75%: feldspar (plag?) mostly altered to white albite, minor py <1% recrystalized, fg. Moderate weathering 11.77-12.07m. VG @ 11.98m. Downhole contact gradational from 19.20-19.78m w/ increased brecciation, shearing. contact at 90deg to C.A.
GBP-2	19.78	65.22	Granofels	Moderate to intensely sheared and crushed, grey-greenish grey, altered gabbro? Foliation commonly as alternating bands <30cm, and laminations <1cm, w/ varying units of bleached (albitized) feldspar xtals + qtz vein frags, supported in a black, fg, chlorite, chlorite+biotite matrix w/ some banding. 31.27-34.44m: Strongly weathered + oxidized sapprolite, relict weakly weathered, sheared gabbro locally? Oxidation extends to ~37.49m, weaker hematite staining. Sheared qtz veinlets more common below 39.93m. Strongly sheared from 37.49-41.76m, 45.72-48.46m, 49.07-49.99m. 50.44-51.21m: fg qtz vein w/ 1-4% disseminated py and locally X cutting py veinlets. uphole contact sharp and broken. 51.21-54.86m: tectonic breccia, fine to coarse sized, rounded to elongated (shear) bleached (albitized) feldspar Xtals/Xtal frags and qtz vein frags. (5-20% locally), supported in a fine grain black chlorite + biotite matrix. Locally boudined qtz veinlets. Fine-medium grained py as disseminations, blebs, X cutting, II veinlets. 54.86-56.39m, 37.49-41.76m patchy silicification. Breccia also at 20.00-21.64m w/ qtz vein frags dominant.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
GBP-2	65.22	71.02	FW gabbro	Dark grey, massive, fractured and healed, medium grained homogenous intergranular texture. Modal Comp: 60-65% feldspar (plag), 35-40% ferromags (pyroxene?) Fine grained interstitial, dissemintated, minor-1% py, locally coarser (secondary). 65.23-66.45m: fine grained gabbro chill margin. Uphole contact sheared 65 deg to CA. @62.48m, tourmaline xtal on joint face.
GBP-3	0.00	4.17	Overburden	Glacial till, outwash sands, organic material, red, gravel-rich laterite present
GBP-3	4.17	8.45	Regolith	Strongly to intensely weathered mafic intrusive (gabbro?). Strongly altered feldspar set in chlorite/biotite fg groundmass. Hematite staining common in intensely weathered regions. Weathering decreases w/ depth. Rare, relict intrusives present. lower contact is sheared, sharp.
GBP-3	8.45	16.56	Metagabbro	Light-dark grey, green. Medium-locally coarse-grained, poikilitic texture. Modal comp: 70-75%: grey, light-moderate altered, angular feldspar (albite alteration). 25-30%: Green, strongly chloritized interstitial pyroxene? From 10.36-13.72m: Inc. shearing w/ dark, fine grain, chlorite-rich zones/bands, and localized clasts/frags of poikilitic gabbro, increased sulfide veinlets. From 13.73-16.56: Feldspar Alt becomes more intense, giving rock a distinct light grey, bleached appearance. Gradational lower contact marked by decreased shearing, increased fine grain ferromags
GBP-3	16.56	31.70	Granofels	Light-dark grey, green. Variable textures ranging from altered/rextalized feldspar-rich to green/black v.f.g. chlorite+biotite, groundmass-supported matrix. Shearing: within groundmass supported matrix, foliation and smeared sulfide veinlets run @ 70 deg to C.A. Within clast supported matrix, sulfide veinlets conform to clasts. Py present in smeared veinlets, often w/ talk selvages. From 25.60-30.00m, moderate, localized silicification. From 30.8-lower contact: strongly weathered.
GBP-3	31.70	33.90	Mafic Dike	Light green, grey, fine-med grained. Massive. >50% mafic/ferromags. Distinct 1-2mm angular green pyroxene? Cut by recrystalized qtz veinlets. Tr. Sulfides. Sharp upper and lower contacts. From 33.00-33.90: moderate weathering, increased chloritization.
GBP-3	33.90	42.60	Granofels	Moderate to strongly weathered/altered shear zone. Abund. Chlorite, hematite staining, recrystalized qtz veinlets. Rock is intensely fractured throughout. From 35.32 - 35.70m: Fractured, glassy qtz vein w/ large calcite crystals + VG. Larger recrystalized qtz veins common throughout unit and commonly display pyrite casts + hematization along fracts. From 36.00-46.00m: Small intervals of blurry, mottled, k-spar-rich intrusives. Sulfides, py, minor cpy increase w/ depth as weathering decreases.
GBP-3	42.60	45.98	Metagabbro	Similar in appearance and mode to above gabbro unit from 13.72-16.56m. Distinct light grey/bleached appearance. Lower contact is gradational, into shear zone. Modal Comp: 60-70% lt. grey, altered/bleached feldspar, 30-40% Dark green ferromags, poikilitic textures
GBP-3	45.98	61.54	Granofels	Light-dark grey, green. Fine to locally med. Grained. Gradational upper contact contains abund. Clasts of overlying mafic intrusive set within v.f.g. sheared ferromags/chlorite. Unlike overlying shear zones, localized, dark green, intensely sheared chloritic regions absent. shearing intensity increases w/ depth from 52.00-60.00m. Foliation becomes more distinct w/ avg angle of 65 deg to CA. From 56.15-56.30m: Brecciated, recrystalized qtz vein w/ abun. apple green epidote alt + 10-12% py. From 60.15-60.60m: mottled, blurry, dark to light grey granophyric intrusive. obscure contacts. From 46-49m, 60-61.54m: minor, localized silicification. Lower contact is sharp @ 70 deg to CA
GBP-3	61.54	64.66	Mafic Dike	Dark grey, green, fine grain, moderate-strongly chloritized. Minor silicification. Distinct speckled appearance due to 1-2mm dark green pyroxene? Crystals. Small intervals display massive textures. Chlorite increases w/ increased shearing (near qtz veins, clasts) Shearing becomes more intense near lower contact. From 61.54-62.03m: Large deformed qtz veins w/ abun (8-10%) py,po. From 64.00-64.66m: Increased po sulfide vienlets in strongly chloritized f.g. matrix. Lower contact is indistinct.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
GBP-3	64.66	72.61	Granofels	Dark grey, green, mottled. Unit is strongly silicified throughout. Pervasive sioz flooding? Strong, patchy, sheared chlorite alteration in regions w/ less silicification. Shearing present throughout unit, but silicification makes foliation planes obscure. From 65.00-66.00m: regions of silicic/sulfidic flooding. 5-8% po,cpy, up to 20% localized in sulfide masses. From 66.70-70.70m: Increased chloritic alteration patches, increased qtz veining. veins are commonly mottled, have blurry boundaries, and are deformed. Py is dominant sulfide within qtz veins. From 70.77-71.00m: Deformed, fractured qtz vein w/ strong chlorite, minor epidote alt + red garnet alt? From 71.12-72.61m: Rock is silicified, strongly sheared w/ well-defined foliation planes @ 60deg to CA. Appears massive. Sheared transition/chill zone? Lower contact grades into footwall gabbro.
GBP-3	72.61	74.37	FW Gabbro	Med-coarse grain, massive. Altered feldspar (albite) grains present in patches. Distinct reflection from hornblende? Pyroxene? Crystals.
R11-10	0.00	2.00	Overburden	Brown-red clay, sand, silt, organic mixture. Lower contact: gradational into red mafic sapprolite.
R11-10	2.00	9.73	Regolith	Strongly weathered, strong-locally-mod oxidation. Light-dark grey feldspar/ferromag matrix. Biotite present locally. Strong albite-feldspar alteration locally. Small red clay-rich intervals w/ qtz + felsic intrusve frags/pebbles. Small yellow/orange relict zone of silicification @ 3.4 m. From 5.27-9.73: Mod-locally strong weathering. Abun, diverse Felsic Intrusive intervals interlayered w/ dark grey, f.g., sheared, biotite-rich mafics. Felsic Intrusives range from mottled, f.g., indistinct, and recrystalized to med grained, strongly sheared, altered, deformed w/ patchy light green chloritization, orange stained qtz veins/veinlets, and deep red hematite veinlets. Localized epidote alteration present locally. Felsic Intrusive swarm continues into underlying, unweathered-locally-minor weathered mafic shear zone. Minor cubic py present in hematite-oxidized veinlets and patches. Lower contact: gradational, decreased weathering.
R11-10	9.73	28.00	Granofels	Variably sheared (minor-intense, 60 deg to c.a.) dark grey/green/black f.g. biotite/ferromag groundmass. Localized massive intervals w/ increased med. grain ophitic feldspar grains in clast supported matrix. Abun Felsic Intrusive intervals. Intrusives range from mottled, indistinct, and recrystalized to intensely sheared, deformed, and strongly chloritized. Commonly bounded by mylonitized groundmass. 1% py, cpy in smeared sulfide vienlets and as open-space fillings within indistinct qtz veins. up to 3% locally. Lower contact 65 deg to c.a.
R11-10	28.00	33.75	Granofels	60-75% med grain ophitic feldspar w/ 25-40% f.g. green, interstitital ferromags in clast supported matrix. Localized mod shearing (65 deg to c.a.) in groundmass-rich regions. Rare qtz/sulfide veinlets host minor-1% py.
R11-10	33.75	36.20	Granofels	Dark green/black f.g., strongly-intensely sheared groundmass (70 deg to c.a.) w/ intervals of mylonitized, altered Felsic Intrusives. Aqua blue/green altered bands common. Minor-1% localized py, commonly w/ aqua blue alteration. Clastic stockwork vein (10cm width) @ 31.5m, w/ 3-4% localized py. weathered, mylonitized qtz-carb veinlet network @ 35.5m.
R11-10	36.20	53.40	Quartz Stockwork	Dark grey/black, mod-strongly sheared biotite-rich groundmass w/ localized chloritization, abun qtz/sulfide veinlets, veins, clasts, and submassive-massive Quartz Stockwork veins. Unit is locally-mod silicified. Quartz Stockwork veins from 37.60-38.10m, 41.30-41.70m, 49.80-51.26m. 3-6% py,cpy in smeared sulfide veinlets, disseminated within biotite-rich regions, and as open-space fillings within qt veinlets, clasts, and stockwork veins. Up to 15% c.g. py,cpy w/in Quartz Stockwork, commonly w/ dark green/black opaque interstitial mineral. biotite? Lower contact: gradational into footwall gabbro.
R11-10	53.40	68.60	FW Gabbro	Grey, med. Grain, massive homogenous texture. Rare recrystalized, barren qtz veinlets throughout. Mod shearing from 60.00-62.00m and 56.8-57.5m. Minor recrystalized py along fracts. Altered veinlets near upper contact contain up to 1% py, tr cpy.
R11-11	0.00	2.60	Overburden	Brown-red sand, silt, clay, organics + abun assorted pebbles. 5cm diorite frag present. Lower contact: Gradational into mafic sapprolite.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-11	2.60	5.10	Regolith	Mod-intensely weathered, brown-red laterite clay/mafic sapprolite w/ locally gravely intervals w/ abun (0-2cm) qtz + diorite pebbles. From 4.00-5.10m: Mod weathered-strongly weathered Felsic Intrusive w/ light blue/green alteration, weathered biotite lenses, and localized hematite oxidation in rare wehatered veinlets and along fracts. Lower contact: mod weathered Felsic Intrusive grades into minor weathered, med. grained gabbro.
R11-11	5.10	15.00	Metagabbro	Light grey/green, med. Grain, submassive-massive, locally sheared gabbro (65 deg to c.a.) 70-75% albite altered, ophitic feldspar, 25-30% f.g. dark green interstitial ferromags. Minor localized, small (0-3cm), f.g. ferromag-rich shear zones throughout. From 5.10-7.01m: Minor-locally-strong weathered w/ intensely fragmented, mod-stained, mod-altered, intervals + clay-rich, gravely interval. tr-minor v.f.g. py? in strongly weathered, fragmented intervals. tr-minor fine-med grain py,cpy present in rare ferromag-rich shear zones. Lower contact: gradational into dark grey/green f.g. b iotite/ferromag-rich shear zone.
R11-11	15.00	17.00	Metagabbro	Dark grey/green, f.g., variably sheared (60 deg to c.a.), biotite/ferromag-rich shear zone. hosts coarse grain, silicified, mottled/blurry Felsic Intrusive. Mod-locally-strong k-spar flooding. Locally clastic w/ increased biotite/ferromag groundmass. Minor py in rare sulfide veinlets and disseminated within localized pockets of groundmass. Lower contact sharp 60 deg to c.a.
R11-11	17.00	20.00	Granofels	Dark grey/green f.g., sheared (65-75 deg to c.a.) biotite/ferromag-rich groundmass w/ abundant deformed qtz/sulfide veins, clasts and smeared sulfide veinlets. 2-3% fine-coarse grain py, minor cpy as open-space fillings in veins and veinlets. (often w. dark blue/green opaque mineral) tr cpy,py present w/in epidote? altered patches.
R11-11	20.00	27.80	Granofels	Abun, variable, altered, localized felsic intrusive warm set in mod-intensely sheared (65 deg to c.a.) biotite/ferromag/feldspar matrix. Laminar, mylonitic textures common, especially near Felsic Intrusives. Intrusives range from indistinct and clastic to distinctly sheared w/ biotite lenses, minor-locally-mod hematite oxidation, and sharp contacts. Sheared groundmass commonly hosts clastic qtz veins and veinlets. Minor-1% py, tr cpy. up to 5-6% locally within smaller qtz veins.
R11-11	27.80	41.00	Granofels	Deformed qtz/sulfide veins, veinlets, and clasts set in sheared (55-65 deg to c.a.) biotite/ferromag groundmass w/ distinct 2-3mm subrounded feldspar grains in groundmass supported matrix. 2-3% fine-coarse grain py,cpy, as open space fillings in veins and clasts. Bronze/golden tarnished sulfides commonly present w/ distinct blue/green, f.g. opaque mineral.
R11-11	41.00	54.00	Quartz Stockwork	Dark grey/black/green, f.g., biotite/ferromag groundmass interlayered w/ suite of submassive-massive Quartz Stockwork veins (50-60 deg to c.a.), abun deformed qtz/sulfide veins/veinlets. Stockwork intervals from 41.20-42.00m, 46.30-47.95m, 48.80-51.85m, and 52.40-53.00m. From 41.00-51.00: fine-coarse grain py,cpy as open space fillings within stockwork qtz and smeared veinlets w/in f.g. sheared, biotite-rich groundmass. Up to 12% sulfides. From 51.00-54.00, py,cpy,po present as open-space fillings/sulfidic flooding. Up to 8% sulfides. Lower contact: Gradational into sheared feldspar-ferromag-rich massive gabbro.
R11-11	54.00	71.34	FW Gabbro	Massive, locally sheared (40 deg to c.a.), fine-med grain feldspar/ferromag gabbro. Recrystalized white qtz veinlets present. Localized shearing from 60.20-60.50m, 69.50-70.00m. Tr-minor localized py present in patches and veinlets. From 61.00-62.30: 2cm thick qtz, locally carb-rich vein @ 5 deg to c.a. w/ increased c.g. tarnished py. Vein is locally epidote altered. @69.85: Minor moly in indistinct qtz vein. near biotiferous patches
R11-12	0.00	1.80	Overburden	Light brown-brown/red clay-rich loam + organics. Mod oxidation from 1.4-1.8m.
R11-12	1.80	3.40	Regolith	Red, strongly to intensely weathered mafic sapprolite. Mod shearing and Patchy, yellow, f.g. recrystallized qtz + hematite oxidation present in preserved regions.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-12	3.40	8.90	Metagabbro	Tan/brown, locally minor-mod weathered, mod-intensely broken, sheared (50 deg to c.a.), clastic gabbro intrusive. light grey, unweathered, ophitic, strongly albite-altered feldspar/ferromag gabbro intrusive intervals up to 20cm thick. Broken regions are sheared, mod stained, w/ minor-mod oxidation.
R11-12	8.90	20.50	Metagabbro	Grey/green, variably sheared, clastic gabbro. Ophitic, m.g. feldspar/ferromag clasts set in Dark green/black, f.g., foliated/sheared, biotite/chlorite-rich groundmass. Approx: 65% f.g. groundmass, 35% gabbro intrusive clasts. Sheared biotite-rich groundmass hosts 1% py in rare sulfide veinlets and irregular weakly silicified, disseminated patches. Sulfide commonly occurs w/ wispy grey/white sericite alteration. Up to 5% localized py from 12.0-12.4 m.
R11-12	20.50	23.00	Granofels	Aqua/red, mod-locally intense shearing (70-75?), mod-locally strong weathering. F.g. chlorite+biotite-rich groundmass w/ mod talc alteration in patches and veinlet selvages. Hairline qtz-carb veinlets present along foliation and randomly oriented fractures. Mod localized hematite oxidation. minor-1% bronze-tarnished py in rare veinlets near upper and lower contacts of weathered interval. Lower contact 70-75 deg to c.a.
R11-12	23.00	25.80	Metagabbro	Grey/green, varibaly sheared (55 deg to c.a.), clastic gabbro. Same lithology as unweathered gabbro from 8.90-20.50m. Periodic sheared intervals w/ epidote-altered patches/veinlets and qtz/carb veinlets. Minor-1% f.g. disseminated py in epidotized patches, and wispy qtz, deformed qtz vein @23.6m.
R11-12	25.80	27.20	Metagabbro	Grey/green/black, strongly to intensely sheared. 80% f.g., sheared, biotite+chlorite groundmass, 20% indistinct, dark grey clastic, m.g. feldspar/ferromag gabbro. 1-2% f.g. py,minor cpy in deformed, smeared, suflide veinlets, and epidote-altered veinlets/patches.
R11-12	27.20	28.00	Granofels	Similar to weathered shear zone interval from 20.5-23.0 m.
R11-12	28.00	33.95	Granofels	Variable, sheared, f.g. black/green/dark grey, biotite-locally-chloritite-rich groundmass w/ localized, sub-rounded, ground-mass supported grains. Rare, localized qtz carb veinlets, localized, minor silicification, localized, minor fine-med grain sericite alteration, numerous deformed, boudined qtz/sulfide veinlets (70 deg to c.a.), smeared sulfide veinlets, and rare qtz veins (70 deg to c.a.). Opaque, aqua-blue mineral tends to occur w/ suflide mineralization in veins. 2-3% py,minor cpy in sulfide veinlets, and as open-space fillings in qtz veins/veinlets. Lower contact 70 deg to c.a.
R11-12	33.95	34.80	Quartz Stockwork	Upper 0.25m of interval is fine, grain,weakly silicified, light green, strongly epidote altered throughout. Grades into strongly-intensely silicified massive Quartz Stockwork vein system. Lower contact 70 deg to c.a.
R11-12	34.80	39.00	Granofels	Dark green/grey, f.g., intensely chloritized, strong-intensely sheared, fw-gabbro chill zone? Strongly-intensely chloritized throughout, small biotite-rich interval (15cm) hosts deformed, boudined qtz/sulfide veinlets. Downhole, qtz veins and veinlets become increasingly chlorite+epidote-rich. minor f.g. py localized in rare altered veinlets. 1-2% localized py,minor cpy in small biotiferous interval near upper contact. Lower contact sharp 70 deg to c.a.
R11-12	39.00	39.85	Quartz Stockwork	Intensely silicified, massive white, crystalline Quartz Stockwork (70 deg to c.a.) w/ patchy green epidote, light red, opaque garne, and minor deep green diopside? alteration minerals. Alteration strongest at margins of vein. Minor localized py within altered fractures of vein.
R11-12	39.85	43.40	Granofels	Similar to sheared fw gabbro from 34.8-39m. Minor-mod silicified w/ numerous sharply contacted crystalline qtz veins, and blurry, opaque crystalline quartz veins. Veins are commonly epidote, garnet, diopside altered, w/ tr py. Rare py-mineralized qtz-carb veinlets. Lower contact 70 deg to c.a.
R11-12	43.40	76.52	FW Gabbro	Grey/green med-coarse grained feldspar/ferromag gabbro. Massive uniform textures, localized increases in shearing and f.g. ferromag minerals. Rare epidoe/garnet-altered blurry qtz veins present near upper contact. Rare mod-silicified, deformed qtz vein clasts host minor fine-med grained py,cpy. Frequency of sheared intervals decreases w/ depth.
R11-13	0.00	0.35	Overburden	Dark brown-red clay w/ organics

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-13	0.35	7.00	Regolith	Strongly to intensely weathered, variably sheared (50 deg to c.a.) gabbro. Patchy white-light green alteration, and mod hematite staining on broken surfaces. Localized intervals of strongly weathered, unsheared, altered, med. grain ophitic gabbro. Saturated red clay w/ abundant, assorted rock frags/pebbles from 2.13-2.80m. Gradational lower contact.
R11-13	7.00	17.15	Granofels	Variably sheared (50-60 deg to c.a.) gabbro intrusive. Textures range from clast-supported,sub-massive grey/green, med grain ophitic feldspar/ferromag gabbro intrusive (up to 0.5m thickness) to groundmass-supported, dark green/grey, f.g., sheared, chlorite-biotite-rich matrix w/ deformed feldspar/ferromag-rich clasts. Most intensely sheared regions of unit are dark green/black, chlorite/biotite-rich, and contain localized qtz carb veinlets, mod hematite oxidation, and rare clastic, deformed, crystalline quartz veins. From 15.00-15.30, strongly altered, mod-weathered qtz-carb vein? red hematite, and blue/green alteration. Minor-1% localized, f.g. py present in rare, minor-altered qtz veinlets, and smeared sulfide veinlets..commonly in association w/ mod, wispy, sericite alt. Lower contact is sharp (50 deg to c.a.), marked by 15cm massive biotite interval.
R11-13	17.50	27.30	Granofels	Mod-strongly sheared (45-55 deg to c.a.), variably textured. Sheared, fine grain biotite/chlorite/magnetite-rich groundmass w/ indistinct, fine-med grain dark grey felspar (mafic metavolcanics). Frequently cut by epidote-altered qtz veins, and chlorite/sulfide veinlets. Minor-mod patchy-sub-massive silicification, commonly w/ epidote-altered qtz veins. Unit is distinctly speckled by 0.5mm, sub-angular, white feldspar crystals? sericite? Commonly rimming f.g. magnetite. From 18.2-18.3m: sheared, boudined qtz-carb vein. From 21.7-21.9: sharply contacted, aphanitic, strongly magnetic mafic dike. 1-3% f.g. py, minor cpy, po disseminated, and within qtz/sulfide/chlorite veinlets.
R11-13	27.30	31.06	Granofels	Dark green,f.g., semi-massive, mod-sheared (50-60 deg to c.a.), w/ patchy, indistinct feldspar grains (possibly andesite flow). Minor silicification often occurs near blurry, epidote/garnet/diopside-altered quartz veins and veinlets. Localized regions w/ minor biotization. Unit is moderately magnetic. minor f.g. py,cpy,po in disseminated patches, hairline sulfide veinlets, and rarely in epidote-altered qtz veins.
R11-13	31.06	38.20	Granofels	Similar to above mafic metavolcanic unit from 17.5-27.3 m. Frequent epidote-altered qtz veins (60 deg to c.a.), some w/ red garnet alteration. Localized, mid-strong blurry/grey silicification associated w/ epidotized veins. Distinctly speckled, f.g. white feldspar crystals (sericite?) throughout unit. 1-2% py,minor po,cpy in qtz/chlorite/sulfide veinlets.
R11-13	38.20	43.60	Quartz Stockwork	Green/black, sheared, f.g. chloritite/biotite-rich groundmass. Abun, strong-intense silicification in patches and qtz vein selvages, commonly grades into intensely silicified, submassive-massive Quartz Stockwork veins. 10-15% po>>cpy>py (up to 60-70% in submassive intervals) as open-space filling/flooding throughout silicified regions. Sulfides commonly within grain boundaries and/or completely enclosing qtz grains, and rarely, black f.g. ferromag? grains. Py+cpy found in up to 1cm cubes within submassive po. Lower contact: sharp, termination of massive Quartz Stockwork vein.
R11-13	43.60	46.20	Quartz Stockwork	Green/black, variably sheared, f.g. strongly chloritized groundmass. Abun, strong silicification in patches and qtz vein selvages. No massive Quartz Stockwork veins present. 6-8% po>>cpy,py (up to 60-70% locally) as open-space filling/flooding within silicified regions. Strong, epidote, diopside?, localized garnet alteration within silicified regions and qtz veins. Possible Sheared FW gabbro contact, 60 deg to c.a.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-13	46.20	98.87	FW Gabbro	Grey, med-coarse grained, massive, homogenously textured, feldspar/ferromag footwall gabbro. Localized, sheared intervals, and rare barren qtz veinlets and veins present. Tr-locally minor recrystallized py along fracts and in rare veinlets. From 46.20 to 55.30 unit is moderately sheared, fine grain, w/ rare, mod epidote-altered qtz veinlets and minor-locally-mod silicified patches. Minor-1% localized py,cpy,po in indistinct, mottled qtz vein, and rare altered patches/veinlets. From 64.8-66.5m: Massive bull Quartz Stockwork vein w/ mod-strong localized epidote, diopside? garnet alteration along margins, and in fracts within qtz. minor recrystalized py. From 93-94.9 m: F.g., mod-strongly sheared, mod chloritized, w/ biotite bands and patches. rare, clastic, bull qtz frags/veins present in epidote/diopside? altered regions.
R11-14	0.00	0.30	Overburden	dark brown clay-rich soil w/ organics.
R11-14	0.30	14.17	Regolith	Red, strongly-locally mod, locally intense-weathered mafic sapprolite. Mod-weathered textures vary from med-grain, ophitic, strongly albite-altered to f.g., sheared (60 deg to c.a), fractured, and strongly hematite oxidized. F.g. chlorite/ferromag groundmass commonly light green in color, Textures destroyed in intensely weathered regions. Localized, saturated, red, gravely, clay-rich intervals present w/ assorted mafic and rare qtz frags/pebbles. Fist-sized, sub-rounded, mod-stained qtz frag present near upper contact w/ ovb. infrequent, recrystalized, weathered qtz veinlets present in sheared regions. Lower contact: gradational, into minor-mod-weathered bedrock.
R11-14	14.17	19.93	Granofels	Minor-mod weathered, locally clastic/brecciated, locally sheared gabbro. Dark-light green, f.g. chlorite-biotite-rich groundmass. Abun mod weathered, recrystalized qtz-carb veinlets throughout, commonly w/ strong, localized hematite oxidation. Strongly albite-altered gabbro clasts w/ increased, wispy biotite banding along margins @ 19m. Qtz-carb veinlets often cross-cut clasts, matrix, other qtz-carb veinlets. tr v.f.g. py along fracts and veinlets.
R11-14	19.93	23.70	Granofels	Mod-locally strong-sheared (55-60 deg to c.a.), f.g. black, biotite-rich groundmass w/ patchy,wispy fine-med grain white sericite alt, localized mod epidote and chlorite alt in patches and sulfide veinlet selvages. 1-3% fine-med grain py, minor cpy present as open space fillings in qtz/sulfide veinlets, altered patches, and smeared sulfide veinlets. magnetic
R11-14	23.70	30.10	Granofels	Light grey/green, med grain, ophitic, locally clastic, locally sheared gabbro (60 deg to c.a.). 70% albite-altered feldspar, 30% f.g. dark green, interstitial ferromags. Sheared regions are f.g, and chlorite-rich. localized epidote/diopside alt common in selvages of rare qtz veinlets. Minor-1% localized py in f.g. sheared regions. From 27.65-27.75: mod-silicified, mod epidote/diopside-altered region w/ 5-6% po>>py,cpy as sulfidic flooding. From 27.3-27.7: indistinct, blurry, grey, qtz diorite intrusive? w/ sharp upper, and gradational lower contact.
R11-14	30.10	34.90	Granofels	Strongly sheared (60-65 deg to c.a.), variably textured, biotite-rich + chlorite groundmass, possible meta volcanics. Patchy-mod silicification, becoming more common towards bottom of unit. Frequent, indistinct, qtz veins,veinlets, and clasts. Minor-locally-mod epidote/diopside alteration in selvages of some qtz veins, and in silicifed patches. magnetic. Lower contact sharp 65 deg to c.a.
R11-14	34.90	41.60	Felsic Intrusive	Light grey, blurry, indistinct, locally clastic, fractured, qtz diorite intrusive suite, set in f.g, sheared (50-60 deg to c.a.) , dark grey/green, chlorite+biotite-rich groundmass. 60% med-coarse grain albite, 20% indistinct med-grain qtz, 20% f.g. black, interstitial ferromags. Localized, off-white coloration in some albite grains. Strongly silicified throughout. Groundmass-dominated regions commonly contain localized epidote, diopside, garnet-altered patches. Minor py,cpy in altered patches and rare veinlets in f.g. biotite/chlorite groundmass, and within ferromag-rich fractures within qtz diorite. Sharp lower contact (60 deg to c.a.) w/ strongly chloritized, sheared f.w. gabbro.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-14	41.60	66.50	FW Gabbro	Green/grey, submassive-massive, fine-med grain, variably sheared (50-60 deg to c.a.) feldspar+ferromag gabbro. Near upper contact, unit is strongly sheared, v.f.g., strongly chloritized w/ localized biotite in bands. Downhole, shearing becomes moderate, and gabbro becomes more feldspar-rich. Minor localized epidote/diopside/garnet alteration present in rare blurry qtz veinlets, and crystalline qtz clasts. tr-locally minor f.g. py,cpy,po in qtz clasts and chloritic patches. @ 46.8, clastic, indistinct, epidote/diopside altered qtz vein (8cm thickness) w/ 3-4% localized po>>cpy as sulfidic flooding. Lower contact is gradational.
R11-14	66.50	77.44	FW Gabbro	Grey, grey/green med. Grained, submassive-massive, homogenously textured feldspar/ferromag gabbro. Localized shearing (60 deg to c.a.) present. Rare altered qtz veins and veinlets throughout. Tr-minor localized py,cpy,po, in blurry, sometimes altered, qtz veinlets.
R11-15	0.00	0.30	Overburden	Light brown clay-rich soil w/ organics. Gradational lower contact into sapprolite.
R11-15	0.30	11.10	Regolith	Red, strongly-locally intense-weathered mafic sapprolite. Localized clay-rich intervals w/ abun mafic frags. Mod albite alteration in rare, mod-weathered intervals. Light green, f.g., altered/weathered ferromag groundmass concentration increases downhole. Lower contact: gradational, into minor-mod-weathered, sheared (60 deg to c.a.), metavolcanics.
R11-15	11.10	17.40	Granofels	Dark green/black, mod-strongly sheared (50) metavolcanics. Minor-locally strong weathering. Light-dark green/black ferromag+biotite groundmass supports numerous carbonate and/or hematite oxidized veinlets, abun 1-2mm, white, sheared-unsheared, disseminated feldspar grains. From 15.3m to lower contact, minor-mod, 0.5mm, white, wispy, sericite alteration, minor silicification, increases qtz veinlets , and patchy, disseminated sulfides. Minor py in qtz/sulfide veinlets (cross cutting), and in localized, f.g. disseminated patches from 15.3-17.4m. Lower contact: sharply contacted (65-70?), termination of strongly weathered interval.
R11-15	17.40	26.15	Granofels	Metavolcanics, green/black, f.g., variably textured, mod-strongly sheared (65 deg to c.a.), biotite/ferromag-rich groundmass. Rare, localized, Indistinct, sheared, felsic clasts present in localized breccia zones. Minor-mod silicificication increases downhole. white/opaque qtz carb veinlets common near upper contact. minor-mod, 0.5-2mm, disseminated sericite alteration throughout. 1-3% py>>cpy as open-space fillings in qtz veinlets, chlorite-altered sulfide venlets, and within brecciated zones. Gradational lower contact w/ Quartz Stockwork vein.
R11-15	26.15	32.70	Quartz Stockwork	Strongly-intensely silicified, variably textured, Quartz Stockwork (60 deg to c.a.) suite set in f.g. black/green biotite/ferromag groundmass. Sub-massive to massive stockwork veins range from dark grey/indistinct to white. Stockwork veins commonly have clastic, deformed margins. 4-7% py,po,cpy as fine-coarse open space fillings within Quartz Stockwork. From 29.00-lower contact, increased po,cpy, commonly w/ epidote,diopside, garnet alt. Minor localized hematite oxidation in Quartz Stockwork @ 28m. Massive stockwork qtz veins persist to 31.5m. From 31.5-lower contact, silicification decreases. Lower contact: sharply contacted w/ ophitic, locally-sheared gabbro intrusive.
R11-15	32.70	51.25	Metagabbro	Variably sheared (50-60 deg to c.a.) , submassive, ophitic, albite-altered feldspar/ferromag gabbro. 60-80% angular, med grain albite, 20-40% green, interstitial ferromags, with ferromag concentrations increasing towards lower contact. Localized shear zones from .05-1m w/ increased, f.g. ferromag+ biotite groundmass. Sheared regions commonly contain minor silicification, epidote-altered qtz veinlets, and altered ophitic gabbro clasts. Minor-1% po,cpy,py in qtz sulfide veinlets, silicic patches, and smeared sulfide veinlets. Gradational into f.g., sheared metavolcanics.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-15	51.25	58.20	Granofels	Metavolcanics, f.g. black/green, strongly-intensely sheared (70 deg to c.a.), biotite/ferromag groundmass w/ abun indistinct biotite bands, minor-mod, fine-med grain, disseminated, wispy/sheared sericite alteration. Localized, patchy, mod silicification present throughout, Rare, localized, sub-meter, massively textured, homogenous textures (andesite) present. 1-2% po,py,cpy in rare boudined qtz veinlets, abun smeared sulfide veins, and finely disseminated. Lower contact: gradational into silicified Quartz Stockwork zone.
R11-15	58.20	60.00	Quartz Stockwork	Strongly-intensely silicified, Quartz Stockwork suite set in f.g. black/green biotite/ferromag groundmass. Sub-massive to massive stockwork veins (65-70 deg to c.a.) range from dark grey/indistinct to white. Stockwork veins commonly have clastic, deformed, margins. 5-8% fine-med grain po>>cpy,py as sulfidic flooding/open-space filling within margins of- and fractures within Quartz Stockwork veins. 0.15m Quartz Stockwork at base of interval contains increased py, and contains mod epidote/garnet/diopside alt. Sharply contacted (65 deg to c.a) w/ f.g. sheared footwall gabbro chill zone.
R11-15	60.00	74.39	FW Gabbro	Med-Coarse grained feldspar/ferromag footwall gabbro. Massively textured. Coarse grain regions mod-strongly albite altered. Rare, white, barren qtz veinlets throughout. From 60.0-61.0: gabbro is f.g., green, and mod-strongly sheared, 60 deg to c.a., (sheared, chill-zone contact), and contains 5cm, strongly epidoe/garnet/diopside-altered qtz veins, veinlets. tr-minor py (up to 1% localized in sheared chill zoned)
R11-16	0.00	0.40	Overburden	From 0.0-0.20, light-dark brown, clay-rich soil + organics. From 0.2-0.4, light brown sandy clay. Gradational lower contact into mafic sapprolite.
R11-16	0.40	11.80	Regolith	Strongly to intensely weathered, locally sheared (60 deg to c.a.), mafic sapprolite w/ saturated, localized, graveley, clay-rich intervals. Frequent yellow/orange weathered/altered patches/regions, white albite alteration, and light-dark green, f.g., weathered ferromag groundmass. Rare, strongly weathered, fragmented, qtz veinlets throughout. Mod localized hematite oxidation present along fractures and in veinlets within weathered ferromag groundmass. From 10.98 to 11.80, rock is strongly orange, green, yellow weathered/altered, fragmented, and contains increased qtz veinlet fragments. Lower contact: sharp, broken/fragmented.
R11-16	11.80	14.48	Quartz Stockwork	Mod-weathered, intensely fragmented, Quartz Stockwork suite? Abundant, localized, minor-mod-stained qtz frags ranging in size from 1-8cm, quartz frags are set in mod-strongly weathered, sheared/deformed, metavolcanics. tr V.f.g. metallic minerals present rarely along stained fractures in qtz frags.
R11-16	14.48	18.15	Granofels	Minor-mod altered, mod-strongly sheared (50 deg to c.a.), variably textured, f.g metavolcanic. Unit contains numerous clastic, brecciated qtz veinlets w/ hematite oxidatation and dark green alteration mineral along fracts and in selvages. Intensely sheared, micaceous interval from 15.8-16.2 meters. minor localized metallic minerals along hematite oxidized fractures and qtz veins. mineral has silvery luster. Lower contact: sharply contacted (45 deg to c.a.) w/ underlying massive wolf river granite.
R11-16	18.15	48.48	Wolf River Granite	Massive, homogenously textured, coarse grain, porphyritic, biotite- ferromag granite. Minor-mod localized k-spar, rare localized weathered intervals (>20 cm), rare localized mod silicification, and barren qtz vein (25 deg to c.a.) from 42.8-43.8m Tr py,cpy along rare fractures.
R11-17	0.00	0.60	Overburden	Dark-light brown, clay-rich soil w/ organics
R11-17	0.60	5.64	Regolith	Strongly-intensely weathered mafic sapprolite. From 0.5-4.0m, rock is strongly-intensely fragmented/broken w/ localized sandy intervals. Localized, patchy white albite alteration present. Light green weathered, f.g. ferromag matrix becomes more common downhole, as well as localized hematite oxidation. Lower contact: gradational into minor-mod weathered, locally sheared med. grain gabbro.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-17	5.64	24.60	Metagabbro	Fine-med grain, grey/green, ophitic feldspar/ferromag gabbro. Localized shearing (65 deg to c.a.) occurs in f.g. ferromag + biotite-rich, groundmass-supported intervals. From 16.7-24.6m, shearing becomes more widespread w/ localized ophitic gabbro clasts set in f.g. ferromag/biotite groundmass. rare qtz veinlets present within sheared regions. Minor-1% py>cpy disseminated, and within qtz veinlets in sheared regions. Up to 2% locally. Lower contact gradational.
R11-17	24.60	33.00	Granofels	Variably textured, fine grain, mod-strongly sheared, biotite+ferromag-rich groundmass w/ localized intervals w/ up to 40% med grain feldspar in a groundmass-supported matrix. Mod, v.f.g. sericite alteration give unit distinct speckled appearance. Minor patchy, localized silicification. Mod-strong, localized epidote alteration present throughout in veinlets and altered, silicic patches. Indistinct, rare, blurry qtz veinlets and frequent smeared sulfide veinlets present throughout. Rare, localized, minor weathered patches w/ qtz-carb veinlet networkds. 1-2% py, minor cpy in smeared veinlets, silicic patches, and rare qtz veinlets. Lower contact gradational
R11-17	33.00	35.85	Granofels	Strongly-intensely sheared (75-80 deg to c.a.), minor-locally-mod weathered metavolcanics. F.g. black, biotite-rich groundmass w/ laminar, mylonitic banding common. Intensely sheared regions commonly contain localized qtz-carb veinlet networks, aqua-blue-altered selvages, and brown-weathered biotite banding. Deformed/boudined crystalline qtz veinlets present throughout. From 35.10-35.85m, increased qtz/sulfide veinlets w/ interstitial light aqua/blue f.g. opaque, interstital mineral. Minor-2% py, minor cpy as open-space fillings within qtz/sulfide veinlets, and rarely within qtz-carb veinlet networks. Up to 4% localized py, minor cpy from 35.1-35.85m. Lower contact 60-70 deg to c.a.
R11-17	35.85	36.90	Quartz Stockwork	Strongly-intensely silicified quartz stockwork suite, composed of sub-massive to massive crystalline white-grey qtz veins (65 deg to c.a.). From36.3-36.6m, unit contains densely spaced, boudined qtz veinlets. 6-8% fine-coarse grain py,cpy as open space fillings within massive qtz veins.. Up to 15% locally.
R11-17	36.90	48.00	Granofels	Variably textured, heterogenous appearance. mod-strongly sheared, fine grain biotite-rich groundmass w/ abundant clastic, brecciated, feldspar-rich clasts (dioritic?), indistinct qtz vein clasts, mod-silicified intervals, and micaceous (not biotite) patches/regions. minor-2% py, minor cpy as open space fillings within deformed qtz veins/veinlets and sulfide veinlets. Sulfides commonly occur with light-dark green, opaque, f.g. interstital mineral.
R11-17	48.00	60.66	Granofels	Black/grey, fine-med grain, mod locally sheared, submassive-massive, biotite-rich andesite. blurry qtz veins/clasts, patchy silicification present throughout. Qtz veins, fractures, shearing 60 deg to c.a. Minor-1% py,po,cpy in smeared sulfide veinlets, as open-space fillings within qtz veins/clasts, and in disseminated patches. From 53.35-60.66, textures become more variable, patchy silicification becomes more frequent. Lower contact 60 deg to c.a.
R11-17	60.66	62.43	Felsic Intrusive	Grey, submassive-massive, strongly silicified, blurry, indistinct dioritic intrusive. Localized epidote alteration refined to blurry qtz veins within dioritic intrusve. Minor-1% po,py,cpy as open-space fillings within fractures in diorite intrusive.
R11-17	62.43	71.65	FW Gabbro	Fine-med grain feldspar/ferromag gabbro. Massive homogenous texture. Mod-strongly sheared (55-60 deg to c.a.) from 62.43-63.00. within sheared upper contact zone, epidote/diopside-altered qtz veins/veinlets common. From 69.25-69.35, altered, deformed qtz vein present. Minor py,cpy within sheared regions, and qtz vein. tr py,cpy along fracts throughout.
R11-18	0.00	0.16	Overburden	Dark brown, clay-rich soil w/ abun organics, 2cm mod stained qtz frag

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-18	0.16	18.69	Regolith	Mod-intensely weathered, altered, locally sheared,clastic gabbro. From 0.16-3.66m, rock is completely saprolitized. From 3.66-18.69m, regolith is mod-locally intensely weathered, w/ numerous intervals displaying preserved textures. Intensely weathered intervals are intensely oxidized, fragmented. Mod-altered rocks are fine-med grain, variably textured w/ sheared, clastic, deformed fabrics, mod-strong localized hematite oxidation in veins and patches, mod albite alteration in ophitic patches gives rock white, chalky appearance. qtz/carb, rare fractured/fragmented qtz veins/veinlets throughout. From 14.0-18.0m: strongly altered, mod weathered diorite intrusive? tr. v.f.g. metallic mineral along fracts/oxidized veinlets.
R11-18	18.69	24.80	Granofels	Dark grey/black, strongly-intensely sheared (50-60 deg to c.a.), f.g. green biotite+ferromag groundmass w/ localized, indistinct, mottled feldspar grains, patchy silicification, and abundant boudined, clastic qtz veinlets, and indistinct, blurry qtz vein clasts. From 18.64-20.8m, rock is intensely sheared w/ mylonitic banding, biotite lenses, mod-locally-strong black chlorite alteration. Minor-1% py,cpy, tr po in qtz veins/veinlets, smeared sulfide veinlets, and rare disseminated patches. Rarely up to 3% locally as open-space filling in qtz veins/veinlets. Lower contact 50-60 deg to c.a.
R11-18	24.80	26.90	Granofels	Very fine-fine grain, green/grey, submassive-massive ferromag groundmass, possibly andesite. Mod shearing (55-60 deg to c.a.) w/ localized sheared biotite intervals. Tr-minor py in rare hairline fractures, and indistinct patches. Sharp lower contact @ 90 deg to c.a.
R11-18	26.90	30.60	Granofels	Variably textured, fine grain, mod-strongly sheared (50-60 deg to c.a.), green/grey biotite/ferromag groundmass w/ localized white, med grain albite alteration, localized, sheared, indistinct, mottled qtz clasts/veins, minor localized, fine-med grain wispy sericite alt. Silicified regions commonly contain deformed qtz veins/veinlets, smeared sulfide veinlets. Minor-1% po,cpy as fine-med grain open space fillings in silicified regions, qtz veins, and sulfide veinlets. Lower contact gradational into mottled, blurry, clastic diorite intrusive.
R11-18	30.60	31.40	Felsic Intrusive	White/grey, med-coarse grained, strongly fractured, clastic qtz diorite intrusive w/ fine grain, black, interstitial mafics. Intrusive has blurry, mottled appearance. Fine grain, black/grey ferromag/biotite-rich groundmass patches within diorite contain f.g. wispy sericite alt, minor cpy,py. Lower contact is clastic and blurry.
R11-18	31.40	65.65	Metagabbro	Dark grey/green, sub-ophitic, feldspar/ferromag gabbro. Abundant fine grain, grey/black biotite-rich bands up to 2cm thickness (40-50 deg to c.a.) cut through med grain gabbro fabric. Localized strong-intense, distinct, white, angular albite-altered feldspar grains up to 3mm. mod-strong, patchy silicification throughout, commonly w/ wispy, strongly epidote-altered qtz veins. 1-2% localized po,cpy,py as open space fillings within strongly silicified, indistinct qtz clasts, smeared sulfide veinlets, and disseminated patches. Up to 5% po,cpy locally.
R11-18	65.65	71.40	Granofels	Variably textured, fine-medium grain, gray/green, feldspar-rich, locally clast-supported matrix w/ increased f.g. biotite/ferromag groundmass in locally sheared (50 deg to c.a.) regions. Distinct v.f.g. <1mm disseminated sericite altered grains throughout. Shearing increases downhole w/localized epidote/garnet/diopside alteration present in deformed clasts and qtz veins/veinlets. From 69.2-70.0m: intensely silicified, sub-massive, fractured, epidote-altered Quartz Stockwork vein. 1% po,py,cpy in altered clasts, f.g. disseminated patches, and indistinct qtz veinlets. Lower contact: gradational, into blurry white/brown, sheared Felsic Intrusive.
R11-18	71.40	73.10	Felsic Intrusive	Brown-white, mod-strongly sheared (50 deg to c.a.), mottled/blurry, mod silicified, strongly-intensely fractured Felsic Intrusive. From 71.7-71.9m: strongly sheared, strongly-intensely silicified w/ frequent crystalline qtz veins (up to 3cm thickness). 2-4% localized po,py,cpy as open space fillings within qtz veins. Lower contact: clastic

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-18	73.10	82.60	Granofels	Fine grain, black/grey, locally submassive, homogenous appearance. biotite/ferromag groundmass w/ qtz/sulfide veinlets (50-60 deg to c.a.), rare qtz veins, localized, v.f.g-f.g. sericite alteration common. Unit contains numerous sulfide-mineralized hairline fractures at random angles and orientations. Mod-strong patchy silicification increases downhole. 1-3% po>>py,cpy in qtz veins, sulfide veinlets, and altered patches. Lower contact: gradational into Quartz Stockwork suite.
R11-18	82.60	87.35	Quartz Stockwork	Localy intensely silicified quartz stockwork suite. Three submassive-massive, grey, crystalline Quartz Stockwork veins set in fine-grain, green, sheared, massive, homogenously textured metavolcanics Stockwork veins are strongly fractured w/ 2-4% po>>cpy as open-space/sulfidic flooding. up to 7% locally. Clastic/sharp, sheared lower contact w/ footwall gabbro
R11-18	87.35	99.08	FW Gabbro	Massively textured, grey/green, fine-med grain, locally sheared feldspar/ferromag footwall gabbro. Frequent, blurry, wispy, altered qtz veinlets. Tr-minor py,cpy within rare qtz veinlets. From 87.35-88.2m, gabbro is moderately sheared. EOH
R11-19	0.00	0.15	Overburden	Dark brown, clay-rich soil w/ organics
R11-19	0.15	10.36	Regolith	Dark-light red/brown, variably sheared, strongly-intensely weathered/oxidized mafic sapprolite. Unit contains minor-mod, localized, white albite alt, green weathered ferromags on broken surfances, localized hematite oxidation in veins and patches, and intensely fragmented clay-rich intervals. no visible sulfides.
R11-19	10.36	15.24	Regolith	Grey/green, variably sheared, mod-strongly weathered/oxidized, fine grain, mafics. Unit contains mod-locally-strong white albite alteration, and green clay-rich intervals. Mod localized hematite oxidation from 10.36-11.59m, and near lower contact. minor visible cpy, tr bornite. Sharp lower contact (50 deg to c.a.) w/ mod-silicified, sheared gabbro.
R11-19	15.24	26.00	Granofels	Variable textures, shearing (60 deg to c.a.) throughout. Up to 85%, fine-med grain, indistinct, grey feldspar grains in clast supported matrix. Interstitial, fine grain, grey/black ferromag/biotite groundmass (biotite commonly in sheared lenses). Regions w/ more intense shearing contain greater proportions of f.g. groundmass. Mod-localized silicification near upper contact, commonly associated w blurry, mod-strong epidote altered qtz veins/floodings. From 17.99-18.30m: sharply contacted, intensely-weathered mafic sapprolite interval. Minor-2% fine-c.g. py as open-space fillings in rare qtz veins/veinlets, and sulfide veinlets, rarely in small, smeared, disseminated patches. Sharp lower contact (50 deg to c.a.) w/ underlying Felsic Intrusive.
R11-19	26.00	26.50	Felsic Intrusive	White/grey, strongly fractured/clastic dioritic intrusive. Fine-med grain feldspar+quartz w/ f.g. interstitial ferromags. Minor silicification. Minor v.f.g. py, tr po, in veinlets and groundmass-rich patches throughout diorite. Sharp upper and lower (60 deg to c.a.) contacts.
R11-19	26.50	40.80	Metagabbro	Similar to above sheared (60-65 deg to c.a.) gabbro. Increased, patchy, white, angular 1-3mm albite-altered feldspar grains. Minor-mod, fine-med grain, wispy sericite alt, commonly localized in bands. Small, clastic diorite intrusives? From 30.05-30.20m, and 30.8-31.10m. Mod-strong localized epidote alt in sharply contacted, blurry veins. From 37.5-lower contact: strongly-intensely sheared, w/ increased po in deformed, altered veins/patches. Rare, sharply contacted, qtz veins present. minor-2% py, tr po,cpy as open-space fillings in rare crystalline qtz veins/veinlets, smeared sulfide veinletx, and fine-grain disseminated patches. From 37.5-40.80: up to 5% localized po,py, minor cpy. some sulfides have bronze/brown tarnishing. Lower contact: sharp (60 deg to c.a.), into Felsic Intrusive swarm.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-19	40.80	44.10	Felsic Intrusive	Light grey/white, med grain, minor-sheared (60-70 deg to c.a.), clastic/fractured quartz diorite intrusive, set in dark grey/black f.g., strongly sheared, biotite/ferromag-rich groundmass. Mod-locally strong silicification gives diorites a mottled appearance. Localized, <10cm mica-rich intervals present within intrusive. Groundmass-dominated intervals contain deformed crystalline qtz veins. From 42.4-42.7m: deformed qtz vein (5cm thickness) w/ abundant sulfides. minor-1% v.f.g. py,po,cpy in disseminated patches and in smeared sulfide veinlets. From 42.4-42.7: up to 7% fine-coase grain po,cpy,py as open-space fillings within deformed qtz vein. Lower contact: Sharp (60 deg to c.a.), into fine grain, sheared metavolcanics.
R11-19	44.10	53.10	Metagabbro	Fine-med grain, variably sheared, variably textured, locally clastic gabbro. Minor-mod-sheared regions contain 60-80% med grain, ophitic, mod albite altered feldspar grains w/ 20-40% green, interstitial ferromags in a clast-supported matrix. Mod-strongly sheared regions contain black/grey, fine grain, biotite/ferromag-rich groundmass w/ rare patches of ophitic feldspar grains in a groundmass-supported matrix. Sheared biotite bands/lenses common in sheared regions. Mod, localized silicification common in sheared regions, commonly w/ minor epidote alt. 1-2% po,cpy,py in sheared regions as open-space fillings in indistinct qtz/sulfide veinlets/veins, and in smeared sulfide veinlets. From 51.2-51.5m, 3cm deformed, indistinct qtz vein w/ up to 6% po,cpy as f.g. open-space fillings. Lower contact: sharp (65 deg to c.a.), into sub-massive, f.g. metavolcanics.
R11-19	53.10	54.50	Granofels	Green/dark grey, fine grain, submassive-massive textured volcanic. Minor localized silicification occurs w/ epidote-altered veinlet. Minor v.f.g. po,cpy,py in rare, smeared, sulfide veinlets. Lower contact: gradational into strongly sheared fine grain gabbro.
R11-19	54.50	71.00	Metagabbro	Similar to above sheared gabbro units. Fine grain, dark grey/green, sheared, ferromag/biotite-rich goundmass supports localized regions w/ increased med grain, clastic, ophitic, minor albite-altered feldspar grains. Minor-mod patchy silicification commonly occurs w/ epidote altered veins/veinlets and patches. Minor-2% po,py,cpy as open-space fillings in indistinct, deformed qtz/sulfide veins/veinlets, locally abun smeared sulfide veinlets, and disseminated patches. Up to 4% po,cpy locally. Lower contact, gradational into f.g, sheared metavolcanics.
R11-19	71.00	86.65	Granofels	Variably textured, fine-locally-med grain, mod-strongly sheared (65 deg to c.a.). Black/green ferromag/biotite groundmass w/ rare, localized qtz clasts, feldspar clasts, localized biotite in sheared bands, and infrequent epidote/diopside/garnet/carb-altered veinlets/strongly silicified intervals. 1-2% po,cpy,minor py in smeared sulfide veinlets, and localized po,cpy flooding within silicified, epidote/diopside/garnet/carb-altered veinlets and patches. Up to 5% locally. Lower contact: broken, gradational into sheared, altered footwall gabbro.
R11-19	86.65	111.28	FW Gabbro	Grey/green, minor-locally-mod sheared feldspar/ferromag gabbro. Mod-strong green-altered sericite alt? along abun healed fractures. Localized regions w/ med grain, massive, homogenously textured fabrics. Silicified/blurry qtz veinlets throughout, as well as strong, localized silicic flooding @ 102.6m. tr-minor localized py, cpy,po rarely in blurry/silicified qtz veinlets, and silicified patches.
R11-20	0.00	0.34	Overburden	Dark brown/red, clay-rich soil w/ organics
R11-20	0.34	9.07	Regolith	Dark-light red/brown, variably sheared (65 deg to c.a.), strongly-intensely weathered/oxidized mafic sapprolite/sheared gabbro. Weathering decreases gradually downhole. Unit contains mod, localized, white albite alt, green weathered ferromags on broken surfances, localized hematite oxidation in veins and patches From 8.8 to 9.07m, rock is mod-strongly weathered, deep blue/green in color, w/out red oxidation. No visible sulfides in regolith. Lower contact: sharp, into unweathered, locally sheared, ophitic gabbro.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-20	9.07	55.50	Metagabbro	Light grey/green, med grain, locally sheared (50-65 deg to c.a.), ophitic, feldspar/ferromag gabbro. 60-80% med grain, mod albitized, angular feldspar crystals w/ 20-40% f.g., green, interstitial biotite/ferromag groundmass. Proportion of f.g. groundmass increases w/ localized increases in shearing. Sheared intervals are commonly mod-silicified w/ blurry, epidote-altered veins, rare sulfide/qtz veins/veinlets. Patchy, mod, wispy, fine-med grain sericite alteration common. From 23.1-23.6m, 42.2-45.5m, and 50.7-51.8m: Strongly silicified, strongly sheared w/ increased 0-2cm thick qtz veins/clasts. Minor-2% po,cpy,py in localized sulfide/qtz veinlets, disseminated patches. Up to 6% localized po,cpy in strongly sheared/silicified regions as open-space fillings in qtz veins. Lower contact: clastic, into mottled/blurry/silicified qtz diorite.
R11-20	55.50	57.42	Felsic Intrusive	Light-dark grey, fine-med grain, mod sheared (50 deg to c.a.), strongly to intensely silicified, indistinct/blurry, locally clastic qtz diorite intrusive. Strong-intense, localized epidote/minor garnet alteration in wispy, locally clastic qtz veins and silicified patches throughout. Minor py,cpy,po (up to 1% locally) in rare qtz/sulfide veinlets and silicified patches. Lower contact: sharp (65 deg to c.a.), into locally sheared, feldspar/ferromag/biotite gabbro.
R11-20	57.42	61.25	Metagabbro	Similar to sheared gabbro unit from 9.07-55.65m. Mod localized silicification in some sheared intervals, commonly w/ indistinct felsic clasts? and clastic qtz veins/veinlets. Minor-1% (up to 2% locally) py,po,cpy in qtz/sulfide veinlets, and disseminated within silicified patches. Lower contact: sharp, clastic.
R11-20	61.25	66.50	Felsic Intrusive	Similar to above Felsic Intrusive interval from 55.50-57.42m. Med grain, light-dark grey, strongly silicified, mottled, clastic quartz diorite. From 64.15-65.28: fine grain, green, mod silicified, sub-massive groundmass w/ wispy, deformed, blurry, minor-strongly epidote altered qtz veins/veinlets. Minor-2% po,>cpy,py in sulfide veinlets and patches within diorite, and blurry, deformed, epidote-altered qtz veinlets within mafic groundmass. Rarely, up to 5% po>cpy,py as localized, fine-med grain, open-space fillings within qtz veins/veinlets. Lower contact: indistinct, clastic.
R11-20	66.50	86.43	Metagabbro	Similar to above sheared (65 deg to c.a.) gabbros from 9.07-55.65m and 57.42-61.25 meters. Variably sheared. From 80.35-80.75m: Sharply contacted, dark green/black, v.f.g., massively textured mafic dike. From 83.14-83.8m: sharply contacted, indistinct, med grain, mottled, silicified quartz diorite intrusive. Strong shearing common near contacts with Felsic Intrusives and around margins of diabase dike. Shearing is commonly accompanied by minor-mod silicification, localized epidote alteration, and increased qtz veins/veinlets and sulfides. Minor sheared regions commonly med. grain and ophitic. 1-3% localized po, cpy, tarnished py in strongly sheared regions as open-space fillings in silicified, sheared, deformed, locally clastic qtz veinlets/veins and smeared sulfide veinlets (up to 4% locally). Lower contact: sharp (65 deg to c.a.), into indistinct, silicified Felsic Intrusive.
R11-20	86.43	95.10	Granofels	Variable unit. Dark grey/green fine-med grain, mod-strongly sheared (65 deg to c.a.) biotite/ferromag groundmass supporting dark grey, fine-med grain, indistinct feldspar. Increased, patchy, minor-mod albite-altered feldspar grains in clastic regions. Mod-strong, patchy fine-medium grain wispy sericite alteration localized throughout. strongly sheared/clastic regions commonly contain mod silicification, frequent wisp epidote/garnet-altered veinlets and veins, crystalline qtz veinlets. 1-3% po,cpy,py as open-space fillings within qtz veins/veinlets, sulfide veinlets, and silicified patches. Up to 6% localized po,cpy in rare, intensely silicified regions.
R11-20	95.10	98.60	Granofels	Blue-green/black, strongly-intensely sheared, mod-strongly silicified, fine grain biotite/ferromag groundmass w/ abun biotite-rich intervals. Groundmass hosts abundant silicified, wispy/deformed qtz veinlets, patches,and large, clastic, crystalline qtz veins w/ epidote/diopside/ferromag-altered selvages. 1-2% localized po,cpy, tarnished py within wispy, altered, silicified patches/veinlets. up to 4% localized po,cpy. Lower contact: sharp (40 deg to c.a.), into sheared footwall gabbro.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-20	98.60	111.28	FW Gabbro	Grey, med-locally-coarse grain feldspar/ferromag gabbro. Locally massive, homogenous textures. Localized minor-mod shearing, commonly w/ silicified veinlets/veins. Mod-locally strong pale green alteration in silicified qtz vein/veinlet selvages, along fractures, and as flooding within coarse grained regions. Localized epidote/diopside/garnet-altered qtz veins, clasts, and veinlets present throughout. Minor-1% localized po,cpy,py in veinlets and silicified patches. EOH
R11-21	0.00	0.58	Overburden	Dark brown/red, clay-rich soil w/ organics. Lower contact: gradational into red clay/mafic sapprolite.
R11-21	0.58	15.00	Regolith	Dark-light red/brown, variably sheared (60 deg to c.a), strongly-intensely weathered/oxidized mafic sapprolite/sheared gabbro. Weathering decreases gradually downhole. From 0.58-5.18m, numerous red clay-rich intervals interlayered w/ mafic sapprolite. From 5.18-12.7: mod-strongly weathered/oxidized, locally sheared gabbro w/ abun green weathered, ferromag-rich groundmass. From 12.7-15.0m: dark green/blue, mod-strongly weathered, ferromag+biotite-rich groundmass w/ minor oxidation. No visible sulfides from 0.58-12.70m. From 12.70-15.00: tr visible, v.f.g. py? from 12.7-15.0. Lower contact: sharp, into unweathered, sheared gabbro.
R11-21	15.00	21.93	Metagabbro	Grey/green, fine-med grain, mod-sheared (65 deg to c.a.), locally ophitic, feldspar/ferromag-rich gabbro. Regions w/ increased shearing are fine grained w/ increased f.g. ferromags and localized biotite in sheared lenses and bands, and minor, fine-med grain, wispy sericite alt. Minor-mod albite alteration in ophitic regions. Minor-1% py, tr cpy in rare sulfide veinlets, along fracture planes, and in rare disseminated patches. some py tarnished bronze/brown.
R11-21	21.93	29.78	Metagabbro	Similar to above sheared (55-60 deg to c.a.) gabbro unit from 15.00-21.93m. Fine-med grain, locally mod-strongly sheared, locally ophitic feldspar/ferromag gabbro. Unit cut by several small (up to 0.35m thickness), indistinct, blurry, clastic Felsic Intrusives. minor-mod silicification common w/ qtz diorite intrusives, and in rare patches within f.g. ferromag/biotite-rich groundmass. Minor-1% po,py, tr cpy in rare sulfide veinlets, disseminated patches, and along fracture planes. up to 2% locally.
R11-21	29.78	37.65	Granofels	Strongly-locally-intensely silicified, grey/blue/green, variably sheared, variably textured feldspar/ferromag metavolcanic w/ frequent localized biotite bands/lenses, white-grey crystalline qtz veins and clasts, locally-strong epidoe/diopside alteration in silicified qtz veins and patches. Entire unit has mottled appearance. 2-8% po>cpy>py as f.g. open-space fillings within altered, silicified sulfide veinlets, disseminated patches, and in fine-coarse grain sulfidic masses (up to 30% locally in small (up to 0.15m) submassive intervals.
R11-21	37.65	57.96	Metagabbro	Variable unit. Grey/green, localized mod-strong sheared (55 deg to c.a.), fine-med grain, feldspar/ferromag gabbro. Sheared regions are typically fine grain, ferromag-rich, w/ localized biotite in bands and lenses, and mod-strong silicification. Blurry/mottled, mod-localized epidote-altered qtz veins/veinlets/clasts common in sheared regions. Unit contains infrequent, small (up to 15cm thickness) med grain, light-dark grey, qtz diorite clasts and patches. Minor-2% py>cpy>>po in deformed patches, veinlets, and along fractures in silicified, sheared, clastic portions of unit. Up to 4% locally. some sulfides tarnished brown/bronze. Lower contact: gradational/clastic into intensely silicified, clastic Quartz Stockwork.
R11-21	57.96	58.56	Quartz Stockwork	Strongly-intensely silicified, clastic Quartz Stockwork vein. Black sheared biotite common along clastic margins, and in patches within Quartz Stockwork. 3-4% fine grain po>>cpy>py as open-space fillings within stockwork. Lower contact: indistinct, clastic, grad, into strongly silicified, sheared gabbro.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-21	58.56	109.56	Metagabbro	Variable unit, similar to above sheared gabbro unit from 37.65-57.96m. Mod-strongly sheared, w/ localized intervals of intense shearing near lower contact. Sheared regions (50-70 deg to c.a.) typically fine grain, ferromag-rich, w/ biotite bands and lenses, mod-strong silicification, abun, mod-strong epidote, minor epidote/garnet alteration in veinlets, clastic qtz veins, and silicified patches. Minor-mod sheared regions typically contain ophitic to sub-ophitic, med grain, minor-mod albite-altered feldspar w/ interstital, green ferromags. Patchy, fine-med grain, wispy sericite alteration present in varying proportions throughout unit. Rare, indistinct/grey to white qtz diorite intrusive clasts/patches present, commonly in silicified regions. From 104.6-105m: black/grey, aphanitic, massively textured dike. Minor-2% po,py,cpy within qtz/sulfide veinlets and disseminated within silicified, altered patches. (Rarely up to 3-4% po,cpy locally) Lower contact: sharp (60 deg to c.a.). mod-strongly silicified, strongly-intensely sheared, w/ mod-strong epidote/garnet/diopside alteration, into sheared footwall gabbro.
R11-21	109.56	120.40	FW Gabbro	Grey, fine-med grain, locally sheared, feldspar/ferromag gabbro. Massive, homogenous textures common throughout w/ patchy, mod-strong albite alteration. Localized shearing occurs throughout unit, commonly w/ mod-silicification and mod epidote/diopside/minor garnet altered patches and veinlets. tr-minor localized po,py,cpy within altered qtz veinlets and disseminated within silicified patches.
R11-22	0.00	1.20	Overburden	Light-dark brown, crumbly, soil + clay + organics mixture w/ rare, 0-2cm minor-mod stained qtz frags. Lower contact: gradational into strongly oxidized/weathered mafic sapprolite.
R11-22	1.20	8.60	Regolith	Red-olive green/brown, mod sheared, mod-intensely weathered/oxidized mafic sapprolite. From 1.20-4.27m: Strongly-intensely weathered/oxidized, w/ green-weathered, f.g. ferromag-rich groundmass and frequent hematite-oxidized veinlets. From 4.27-5.79m: mod sheared, mod-strongly weathered, brown/olive green coloring w/ f.g. green/yellow weathered, ferromag-rich groundmass w/ abun hematite-oxidized veinlets. From 5.79-8.60m: mod-weathered, f.g., mod-strongly fragmented, w/ mod-strong dark green/black chloritization, and frequent hematite-oxidized veinlets and patches. Lower contact: gradational into fragmented, sheared gabbro bedrock.
R11-22	8.60	13.20	Metagabbro	Grey/green, fine-med grain, mod-sheared (65 deg to c.a.), locally ophitic, feldspar/ferromag-rich gabbro. mod-strong silicification gives unit an indistinct, mottled appearance. Regions w/ increased shearing are fine grained w/ increased f.g. ferromags, localized biotite in sheared lenses and bands, and minor-mod, fine-med grain, wispy sericite alt. minor-strong, localized epidote alteration common in silicified patches, and in selvages of 7cm crystalline qtz vein @ 9.2m. From 8.84-9.00m: fragmented sheared gabbro w/ ~5, 0-2cm, mod-strongly stained qtz frags. 2-4% py>cpy in frequent, smeared sulfide veinlets, qtz/sulfide veinlets, and as open-space fillings within altered portions of qtz vein. Lower contact: gradational/indistinct, into strongly-intensely silicified Quartz Stockwork unit.
R11-22	13.20	27.00	Quartz Stockwork	Variable unit. Strongly -intensely silicified, white-indistinct/grey, fractured, clastic, qtz flooding/stockwork veins (some w/ 1m+ thickness) set in strongly-intensely sheared biotite-rich, f.g. groundmass. Clastic, sheared, biotite-rich, minor k-spar flooded Felsic Intrusives interlayered within Quartz Stockwork and sheared groundmass. Mod-strong, rare, epidote/diopside/garnet alteration localized in indistinct stockwork veins. abun po>cpy>py as fine-coarse grain open-space fillings within fractures/patches in stockwork qtz veins, as submassive po>cpy flooding within indistinct Quartz Stockwork veins, and in frequent, deformed sulfide veinlets within groundmass-rich regions. Felsic Intrusive clasts contain few sulfides relative to the rest of unit. From 25.3-25.9m: submassive po>cpy flooding (up to 80%) in indistinct, intensely silicified stockwork vein. Lower contact: sharp, silicified, indistinct.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-22	27.00	35.90	Granofels	Grey/green, fine-med grain, mod-sheared (50-65 deg to c.a.), locally clastic, feldspar/amphibole andesite. Indistinctly layered. 60-80% indistinct grey, mottled, minor-mod albitized feldspar w/ 20-40% dark green, interstitial ferromags. Ferromags commonly localized in veinlets, fractures, and qtz veinlet selvages. Localized increases in biotite common in sheared regions. Unit contains infrequent, locally deformed/clastic, crystalline qtz veinlets. Wispy/blurry qtz veinlets commonly contain minor-mod epidote alteration. Lower contact: gradational/clastic, into strong-intensely silicified Quartz Stockwork.
R11-22	35.90	44.40	Quartz Stockwork	Strongly-intensely silicified, strongly sheared (60 deg to c.a.), f.g., dark green/black ferromag/biotite groundmass w/ abun, variable stockwork qtz veins. Stockwork veins range from white, crystalline, and fractured to indistinct, grey, and clastic. Mod localized epidote/minor diopside/garnet alt present in silicified patches, and within fractures of some stockwork qtz veins. abun po>cpy>py as fine-coarse grain open-space fillings within fractures/patches in stockwork qtz veins, as submassive po>cpy flooding within indistinct Quartz Stockwork veins, and in frequent, deformed sulfide veinlets within groundmass-rich regions. Up to 35% po,cpy locally. Lower contact: sharp (75 deg to c.a.), into sheared metavolcanics..
R11-22	44.40	48.56	Granofels	Same as above metavolcanic shear zone (50 deg to c.a.) unit from 27.00-35.89m. Localized mod-strong silicification present near upper and lower contacts. 2-5% po,cpy,py in randomly oriented, deformed, ferromag-rich sulfide veinlets, and as open-space fillings within rare, clastic qtz veins. Up to 8% po>cpy locally. Lower contact: gradational, clastic, into strongly-intensely silicified Quartz Stockwork.
R11-22	48.56	50.00	Quartz Stockwork	Similar to above Quartz Stockwork from 35.89-44.40m. abun po>cpy>py as fine-coarse grain open-space fillings within fractures/patches in stockwork qtz veins (40? deg to c.a.), as submassive po>cpy flooding within indistinct Quartz Stockwork veins, and in frequent, deformed sulfide veinlets within groundmass-rich regions. Up to 35% localized po,cpy,py.
R11-22	50.00	77.40	Granofels	Variable unit, similar to above metavolcanic zones from 27.00-35.89m and 44.40-48.56m. Grey/green, Fine-med grain, locally sheared, feldspar/ferromag metavolcanic. Dark green, ferromag-rich veinlets common throughout. Rare 0-2cm crystalline qtz veinlets/veins present throughout. Mod-strong, patchy, white sericite alt common throughout. Minor-mod silicification localized throughout, commonly w/ blurry, epidote-altered patches/veins. Silicification and epidotization strongest near lower contact. Minor-2% po,cpy,py within sulfide veinlets, altered/silicified patches, and within rare crystalline qtz veinlets. Up to 4% po localized within silicified/epidotized patches/veins near lower contact. Lower contact: gradational/indistinct into clastic Quartz Stockwork.
R11-22	77.40	82.06	Quartz Stockwork	Light-dark grey, strongly-intensely silicified, clastic, fractured crystalline Quartz Stockwork suite. Minor-strongly sheared (40-55 deg to c.a.), Brown/red-white, clastic, Felsic Intrusive? intervals (up to 15cm thickness) bounding clastic Quartz Stockwork. Epidote-altered veinlets from 79.75m to lower contact. 2-5% po,cpy,py as open-space fillings within fractures of Quartz Stockwork and as frequen sulfide veinlets within strongly sheared, f.g. biotite-rich groundmass. Up to 7% locally as c.g. sulfidic flooding. Lower contact: sharp (40 deg to c.a.), into f.g. strongly-intensely sheared, biotite-rich metavolcanics.
R11-22	82.06	132.95	Granofels	Light to dark grey/green, variable, minor-strongly sheared (45-60 deg to c.a., variable), fine-med grain feldspar, ferromag, biotite-rich metavolcanics. Feldspar grains commonly clastic, and range from massive to patchy w/ mod-locally strong albite alt. Mod-strong, localized silicification, and epidote, rarely garnet/diopside-alteration common in regions w/ increased shearing. minor-mod, patchy, sericite alt. qtz/sulfide veinlets, altered, ferromag-rich veinlets common in sheared regions. Rare, localized, crystalline qtz vein clasts throughout. Unit is also cut by infrequent, clastic, indistinct, silicified Felsic Intrusives. Minor-2% po,py,cpy within qtz/sulfide veinlets, smeared sulfide veinlets, and as open-space filling within silicified/altered patches, qtz clasts. Up to 4% locally. Lower contact: indistinct, silicified, sharp (40-50? deg to c.a.) into dark green/black, f.g. massively textured ferromag/biotite-rich metavolcanics.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-22	132.95	137.30	Granofels	Dark green/grey/blue fine-med grain, mod-strongly sheared (50 deg to c.a.), ferromag rich groundmass w/ indistinct, grey felspar grain. Semi-massive in appearance. Sheared biotite lenses common throughout. Rare clastic qtz veins and veinlets throughout. From 133.2-133.5m: large clastic qtz vein w/ strong localized epidote, garnet, biotite alteration. Minor-2% po,cpy,py in smeared sulfide veinlets, and as open-space fillings in qtz veinlets/vein clasts. Up to 4% locally. Lower contact: sharp (45 deg to c.a.), into fine grain, locally sheared ferromag-rich footwall gabbro.
R11-22	137.30	150.88	FW Gabbro	Dark grey/green, fine-coarse grain, locally sheared feldspar/ferromag gabbro. From 137.30-146.00m: Mod-strongly sheared, fine grain, dark green ferromag + biotite groundmass w/ clastic/patchy med grain, indistinct, feldspar grains. Mod-strong light green, wispy alteration in patches and along fractures. From 144.8-146.2m: strongly to intensely epidote/diopside/garnet-altered veins and clasts set in strongly sheared groundmass. From 146.2-150.88m: grey, med-coarse grain, homogenously textured, massive feldspar/ferromag gabbro. Frequent, deformed white crystalline qtz veins and clasts common throughout. Minor py,po,cpy in qtz veinlets. up to 4% po>py,cpy in intensely epidote/garnet/diopside altered vein @ 146.00m. EOH
R11-23	0.00	1.00	Overburden	Light-dark brown/red clay rich soil w/ organics. Strongly oxidized red clay w/ minor organics from 0.5-1.0m. Lower contact: gradational into strongly oxidized/weathered mafic sapprolite.
R11-23	1.00	11.64	Regolith	Strongly-locally-intensely weathered mafic sapprolite. Minor, patchy albite alteration, frequent hematite-oxidized veinlets and patches. Strongly-intensely oxidized from 1.00-10.00m, From 10.00-11.10m: mod-strong, localized hematite oxidation within green/blue, f.g. strongly weathered, ferromag-rich, sheared (variable, 40-70 deg to c.a.) mafic. From 11.10-11.64m: Mod weathered, green, f.g. ferromag-rich, sheared matrix w/ hematite oxidized veinlets, and mod-weathered qtz veinlets. tr v.f.g. metallic minerals from 11.10-11.64m. Lower contact: Sharp (70 deg to c.a.), into clastic, brecciated metavolcanics.
R11-23	11.64	86.50	Granofels	Strongly variable metavolcanic unit. F.g., variably sheared (85 deg to c.a.), dark green/black, ferromag-biotite-rich groundmass commonly supports patchy, clastic, brecciated, fractured, mod-albite-altered, white feldspar crystals. Mod-localized silicification present in patches w/ increased crystalline qtz veinlets, and in frequently occuring, blurry, deformed, epidote/minor garnet/diopside-altered veinlets and veins. Rare, isolated, clastic, white-grey/indistinct dioritic? intrusive clasts, (<20cm) commonly bounded by strongly-intensely sheared/banded groundmass. From 21.5-42m: abun white, fractured, clastic, patchy albite crystals set in f.g. black biotite-rich groundmass...breccia zone?, hosts frequent, randomly oriented, altered veinlets, fractures. Minor localized patchy albite persists to 62.00m. From 62.00-lower contact: fine grain, mod-strongly sheared, black/green biotite/ferromag groundmass w/ frequent epidote/garnet/diopside-altered veins/patches, and mod silicification. Sulfides vary throughout. 0-2% po,cpy,py within epidote-altered, silicified qtz veins/veinlets, rare crystalline qtz veinlets/veins, smeared sulfide veinlets, f.g. disseminated patches, and along fracture planes. Increased concentrations locally up to 4%. From 56.1-56.6m: up to 12% fine-med grain po,cpy as sulfidic flooding within minor-mod silicified, sheared biotite-rich groundmass. tr moly present from 24.00-24.50m in altered, deformed qtz veins (2cm thickness) at steep angle to core axis, within strongly brecciated metavolcanics. Lower contact: sharp (60 deg to c.a.), into intensely silicified Quartz Stockwork vein.
R11-23	86.50	87.90	Quartz Stockwork	Strongly-intensely silicified, grey, fractured, crystalline Quartz Stockwork vein set in fine grain, strongly-intensely sheared (65 deg to c.a.) biotite groundmass. Quartz Stockwork is strongly epidote/garnet/diopside-altered along fractures and in patches. 1-2% po,cpy,py within fractures, and as open-space fillings within Quartz Stockwork vein. Lower contact: clastic, sheared, into black/green, f.g., sheared, biotite/ferromag groundmass.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-23	87.90	97.54	Granofels	F.g, black/dark green, strongly sheared, biotite/ferromag-rich metavolcanics. Sheared contact/chill zone w/ underlying footwall gabbro? Mod-strongly localized silicification, commonly w/ wispy, ferromag-rich qtz veinlets. mod-strong localized epidote/diopside/garnet? alteration present in strongly silicified intervals near lower contact. Minor-1% po, minor cpy,py within silicified, ferromag-rich veinlets, and rare crystalline qtz veinlets. Up to 3% locally. Lower contact: gradational into med grain, homogenously textured footwall gabbro.
R11-23	97.54	108.26	FW Gabbro	Grey, med grain, homogenously textured, feldspar/ferromag footwall gabbro. Mod-strong patchy white albite alt present throughout. Light green, silicified flooding?/alteration present locally throughout. Rare, Strongly epidote/garnet/diopside altered veins present. Frequent, deformed, clastic, white, crystalline qtz veinlets throughout. @103.5m: 10cm epidote/garnet/diopside-altered vein w/ tr moly. Minor localized po,cpy,py within few deformed qtz veinlets. E.O.H.
R11-24	0.00	0.70	Overburden	Light-dark brown, clay-rich soil w/ organics grading into strongly oxidized, red clay-rich regolith. Lower contact: gradational into strongly-intensely weathered regolith/sapprolite.
R11-24	0.70	13.80	Regolith	Mod-intensely weathered, red clay-rich regolith/mafic sapprolite. From upper contact to 4.57m: abundant red clay-rich intervals + strongly fragmented, strongly weathered mafic sapprolite. Minor localized albite alt, light green-weathered, f.g. ferromags w/ orange + red oxidation in patches and veins. From 4.57-12.40m: strongly oxidized, strongly weathered, intact mafic sapprolite w/ light green/grey-weathered ferromag/biotite groundmass, frequent hematite oxidation in veinlets and patches, and minor, white albite alt. From 12.40-13.80m: mod-strongly weathered, minor-mod localized oxidation. Light blue/green-weathered ferromag-rich groundmass w/ bright red hematite oxidized patches and veinlets. tr v.f.g. py present near lower contact. Lower contact: sharp into f.g., sheared, biotite/ferromag-rich metavolcanic bedrock.
R11-24	13.80	24.37	Granofels	Dark grey/green f.g. biotite/ferromag groundmass supporting indistinct/dark grey to locally white-altered, angular, clastic, fine-med grain feldspar grains. Minor-mod, localized, patchy feldspar alteration. Minor-mod localized shearing (65-70 deg to c.a.), mod-strongly brecciated. Minor-mod localized silicification, commonly w/ rare epidote/garnet-altered qtz veins and veinlets. Rare crystalline qtz veins/veinlets (up to 15cm). Minor-2% po,py>cpy in localized sulfide veinlets, disseminated patches, and as open-space fillings within rare crystalline qtz veins/veinlets. Up to 6% localized py, minor cpy,po as open-space fillings within 15cm qtz vein.
R11-24	24.37	43.90	Granofels	Similar to above metavolcanic unit. Increased, abun, white, strongly altered fine-c.g. angular, clastic feldspar grains. Strongly-intensely brecciated, locally strong shearing (65-70 deg to c.a.) commonly associated w/ f.g. biotite/ferromag groundmass-rich intervals. Localized, minor-mod silicification throughout, commonly w/ rare, wipsy, epidote/garnet/diopsid-altered veins and veinlets. brecciation, white-altered, angular feldspar crystals/clasts, decrease downhole from 38.0-43.9m. Minor-1% po,cpy,py in rare sulfide veinlets, epidote altered veins/veinlets, and along fractures in brecciated regions. Up to 3% locally. Lower contact sharp 65 deg to c.a.
R11-24	43.90	69.80	Granofels	Mod-strongly sheared (65-70 deg to c.a.), dark green/grey/black, biotite/ferromag-rich groundmass supporting indistinct/grey med grain feldspar. Minor-mod, localized patchy white albite alteration present throughout. Mod localized silicification common throughout unit, commonly w/ epidote/garnet/diopside-altered veins/veinlets. Strong silicification from 59.8-60.1m in association w/ strongly sheared biotite-rich groundmass and a clastic crystalline qtz vein. From 65.60-69.80m: f.g., black/green, biotite-rich, strongly sheared, w/ abun, v.f.g, sheared sericite alt, indistinct, silicified qtz veinlets. Minor-3% po,py,cpy within epidote altered veinlets, silicified patches, and frequent, smeared sulfide veinlets and indistinct, clastic qtz veins/veinlets near lower contact. Up to 7% locally within clastic qtz vein @60m. Lower contact: gradational into strongly sheared, qtz-rich metavolcanic.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-24	69.80	74.62	Granofels	Strongly sheared (65-75 deg to c.a.), mod-strongly silicified metavolcanic w/ f.g. sheared, biotite-rich groundmass w indistinct, sheared, blurry/mottled qtz diorite intrusive clasts, frequent indistinct crystalline qtz veinlets/clasts. Strongly-intensely sheared, near lower interval of unit w/ silicified, wispy, ferromag-rich, minor epidote-altered veins and veinlets. Minor-3% f.g., localized cpy>py,po in disseminated patches within silicified, clastic regions. Lower contact: sharp, variable, into clastic crystalline Quartz Stockwork vein.
R11-24	74.62	76.77	Quartz Stockwork	Strongly-intensely silicified Quartz Stockwork veins, clasts set in f.g., strongly sheared (60-70 deg to c.a.) biotite/ferromag groundmass. Crystalline Quartz Stockwork veins and clasts range from grey, altered, and indistinct to white w/ minor alt. Mod-strong localized epidote/garnet/diopside alteration within fractures of indistinct stockwork veins near upper contact of interval. Moving downhole, veins become white, clastic, and deformed, w/ minor localized oxidation? kspar flooding? in some vein clasts. minor-2% po,cpy,py as open-space fillings along fractures in Quartz Stockwork, and in rare sulfide veinlets. Lower contact: gradational into f.g. sheared footwall gabbro chill zone.
R11-24	76.77	96.04	FW Gabbro	From 76.77-78.27m: strongly sheared (65 deg to c.a., variable), black/green, f.g. biotite/ferromag-rich groundmass, supporting fine-med grain, indistinct/grey feldspar grains. Minor-mod silicification, commonly w/ wispy, deformed, epidote altered veinlets/clasts. Rare qtz veinlets @ shallow angle to C.A. From 78.27-96.04m: Fine-med grain, massively textured feldspar/ferromag footwall gabbro. Mod light green alteration/silicic flooding? common in coarser grained regions, as well as along fractures. Mod-strong localized shearing present. Sheared regions are commonly finer grained w/ increased ferromag-rich veinlets, and rare clastic, crystalline qtz veins. From 76.77-78.27m: Minor-1% localized py>>cpy,po as open-space fillings within rare qtz veinlets. From 78.27-96.04m: tr-minor py>>cpy,po within rare altered veinlets and disseminated patches. Lower contact: gradational, into massively textured footwall gabbro. E.O.H.
R11-4	0.00	1.00	Overburden	Brown clay w/abun sand ,gravel,qtz frags,organic material
R11-4	1.00	21.70	Regolith	Strongly to intensely wearthered/oxidized contains variable intervals of red, gravely, saturated laterite clay; rare, narrow (<0.5m) yellow /red silicic limonite and variably sheared chloritized albite-altered mafic intrusive (gabbro protolith?) Localized shearing becomes more consistent downhole. Sheared regions contain strong, dark -light green chloritization From 3.71-4.00m: Orange/red-colored, chunky, silicic limonite, hematite staining. From 7.93-9.15m: Three small yellow/red/orange, chunky silicic limonite intervals, commonly underlain by gravely, saturated, red laterite clay. Hematite staining. From 16.46-21.70m: mod weathered, strongly broken, more consistentshearing. Inc chlorite alt. possible gradational protolith contact between mafic intrusive and shear zone. small gravelly laterite interval (20.73-20.90m) Sulfides: Tr-minor F.G.recrystalized py w/silver luster along fractures in sheared regions. Lower contact: Sharp termination of weathering.
R11-4	21.70	29.82	Granofels	Locally-mod shearing. 75% light grey/green ophitic gabbro intrusive as sub-massive intervals and deformed clasts. 25% localized f.g, black chlorite/biotite banding present in regions commonly accompanied by hematite and carbonate veinlets.
R11-4	29.82	40.45	Granofels	Mod-strong shearing 50% localized grey green poiklitic,sheared/deformed gabbro clasts. 50% darkgreen/black, f.g. bands, intervals and localized laminations. chl/bio-rich w/locally-mod. hemitite stains. Rare, deformed, clastic qtz. veins preseant.
R11-4	40.45	52.00	Granofels	Strongly to intensely sheared mylonite. Mod-strong lamination/banding present. Locally-strong weathered intervals? Tend to be schistose/mica-rich. Hematite staining present in dark green, strongly chloritized intervals. Weathered, mica-rich schists bound mod-strongly silicified zone.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-4	52.00	56.20	Granofels	From 54.20-56.20: suite of fractured, recrystalized, silicified qtz veins. Interlayered w/v.f.g. chlorite/biotite bands (<5cm wide) w/in veins, 4-7% localized py,po, minor cpy as open space fillings. Lower contact: Sharp marked by termination of shearing. Sulfides: Trace-minor py preasent along fracts in unweathered regions. Inc localized py,po,cpy present in qtz veins @ bottom of unit.
R11-4	56.20	62.19	FW gabbro	Med.-locally coarse grain gabbro. Distinct reflections off of pyroxene(?)cleavage planes. Gray\green massive homogenous equigranular appearance. Localized regions w/inc. white feldspar alt.+1% recrystalized py. cubes. Sulfides: Tr.-miner recrcrystalized py. up to 1% in altered regions/fractured planes.
R11-5	0.00	1.88	Overburden	Ovb Light to darkbrown clay w/ abun sand,gravel, organics,0-4cm granitic+qtz frags (bull+stained). Lower contact: gradational into laterite + saprolitzed mafics
R11-5	1.88	33.08	Regolith	Strongly to intensly weathered, variably sheared, locally saprolitized gabbro. Less weatherd regions are mod-strongly sheared w/ abundant deep red hematite staining and mod-strong + chlorite alteration. From 1.88-5.00m: Intensely weathered laterite clay + yellow, silicic crumbled limonite intervals common to 15m. less weatherd regions are mod. tostrongly albite-altered and or chloritized. From 1.88-5.00: intensely weathered laterite clay w/rare intervals of saprolitized mafic intrusive. Lateries are commonly saturated and contain abun granitic + Qtz frags(bull+stained). From 5.00-15.00m: Mod -strongly weathered w/multiple orange/yellow, crumbly,silicic limonite (<0.4m) intervals. Less weathered regions mod. to strongly albite? altered w/ abun. hematite oxidation. weathered diortil intrusive from 13.1-13.87m. From 15.00-28.20m: mod.-strongly weathered, consistant mod.-localized shearing?w/increased chloritization common localized hematite stained patches and veinlets. From 28.20-33.08: Mod.-locally intrusive weathering. gravely red laterite intervals up to 0.3m preasent w/abun qtz+mafic frags larger qtz frags primarilly bull. mod. -strongshearing w/localized micaleous, schistose textures + carb veinlets. Lower contact: Gradational into strongly chloritized, shear zone w/abun. recrystalized qtz veinlets.
R11-5	33.08	42.39	Granofels	Strongly to intensely sheared, fine grain, locally schistose/mylonitic shear zone. Strongly chloritized w/ brown/red-weathered biotite bands. Chlorite + weathered biotite gives rock distinct red-green color. Rare white/opaque, recrystalized, boudined qtz veins+veinlets throughout(no visible sulfides). Rare, small, (<4cm) isolated, albite-altered feldspar clasts preasent. Small carbonate veinlets preasent in weathered biotiferous regions. foliation ranges from 70-80 degrees to c.a. w/multiple localized regions w/randomly orintated fabrics (do to the presence of feldpar clasts? tr- minor sulfides.
R11-5	42.39	45.44	Granofels	Strongly chloritized w/ abun black biotite in variably oriented, deformed bands. From 42.90-43.40m: mod silicification grades into 0.3m fractured quartz vein. Sharp upper and lower contacts@80 degrees to ca. sulfides: Fine-course grained py+cpy as openface/fracture fillings (3-5%) within qtz vein+ in deformed/sheared chloritized biotiferous rock. Sulfides rarely conform to folia directions.
R11-5	45.44	47.23	Granofels	Light grey/green fine-med grained minor-locally-moderate shearing. Massive intervals w/ 0-1 mm black magnetite grains. Localized biotite bands (<2cm). Minor dull py along fracts (f.g.)possible altered mafic dyke?
R11-5	47.23	50.39	Granofels	Strongly chloritized w/black biotite in deformed bands (60-70 degrees to c.a.). Strongly-intensely sheared, abundant deformed, fractured qtz veins/clasts up to 10 cm. 1-3%py,cpy? in folia orientated, smeared sulfide veinlets, and within the margins of smaller qtz veins as open space fillings. Lower contact: indistinct, f.g. chlorite-rich,sheared f.w. gabbro chill zone? tr py along folia planes.
R11-5	50.39	59.15	FW Gabbro	Med-locally-course grained, equigranular, massive, localized mod shearing. Small barron qtz veins + veinlets @ 5 degrees to c.a. Tr-minor recrystalized py along fracts, rarley along margins of qtz veinlets. From 50.39-51.50m: Fine-med grained, mod sheared. 60% chloritized ferromags 40% mottled grey feldspar, fw gabbro chill zone?

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-6	0.00	1.60	Overburden	Light to dark brown,red clay, soil, organics, 0-1cm rock frags unit contains intervals of well sorted F.G. yellow/orange sands (similar in color to limonite) Lower contact: gradatinal into strongly-intensly weathered mafic saprolite.
R11-6	1.60	19.00	Regolith	Strongly-locally intense, mod-weathered mafic shear zone w/ variable shearing, small(40cm) yellow orange limonite intervals, saturated gravely laterite intervals, strongly-intensely weathered, recrystalized qtz veins + localized intervals w/mod-weathered broken, mod-stained qtz frags. Shearing increases w/ depth. From 2.00-7.5m: numerous patches/intervals of crumbly, yellow/orange, silicic limonite set in strongly weathered, strongly chloritized, sheared? mod hematite stained mafic saprolite. From 10.80-14.77m: Strong -locally mod weathering w/ abun small(10-20cm) intervals of fragmented, chalky- white altered dioritic intrusives? rare mod -weathered, fractured qtz veinlets/veins, (0-1cm) often accompanied by emerald-green alteration patches. localized talc? alt. distinct randomly oriented, deformed hematite - oxidized veinlets preasent in moderatly weathered regions. From 15.55-16.42m: intensly weathered, saturated, red laterite clay w/abun stained qtz frags (0-3cm dia) possible Au zone? From 16.67-18.00m: Suite of mod-weathered, deformed, fractured, stained qtz veins set in strongly sheared, mod-chloritized, strongly hematite oxidized, mod-strongly weathered mafic rock. Qtz veins are strongly fragmented (0-4cm dia), and commonly contain red oxidized patches, fractures, and rare cubic casts, possible Au zone? From 18.00-19.00m: Mod-weathered, strongly white-altered, recrystalized? silicic zone? w/ frequent hematite oxidized veinlets....grades into mod-weathered, fractured, deformed qtz vein w/abun hemitite staining along fractures.
R11-6	19.00	24.45	Granofels	Strong to locally intense shearing, brown weathered biotite intervals w/ schistose textures common throughout, often accompanied by inc. weathering. strong-locally-intense chloritization gives rock distinct green/brown/red appearance. Lower contact: sheared, gradational into unweathered, mod-strongly chloritized shear zone. Sulrides: Tr-nil
R11-6	24.45	27.38	Granofels	24.45-50.70 shear zone: Mod.-locally-intense shearing. Chlorite-black biotite-rich w/locallized regions of up to 50% subangular, med- grained mod. albite altered feldspars in groundmass (biotite+chlorite)supported matrix. mottled,silicified regions common near upper contact.
R11-6	27.38	31.56	Granofels	Dark green/black biotite-chlorite-rich, strongly sheared, w/ blurry, mod-silicified appearance. Numerous clastic, deformed fractured qtz veins/veinlets. sulfides:2-3% py,cpy within larger deformed clastic qtz veins. micaceous intensly sheared, mod. weather schistose regions bound interval.
R11-6	31.56	43.65	Granofels	similar to shear zone interval from 24.45-27.38m.
R11-6	43.65	47.00	Granofels	Massive, white, bull qtz veins set within strongly-locally-intensly sheared chlorite + biotite matrix. Localized red, silicified, k-spar flooding within sheared groundmass, + locally within fractures of massive qtz veins typically deformed and clastic. no visiible sulfide mineralization.
R11-6	47.00	50.70	Granofels	Strongly to intensly sheared, f.g.,biotite+chlorite-rich, commonly in whispy, deformed bands. Strong chloritization, rare clastic, deformed, blurry qtz veinlets host minor py as open-space fillings. Increased concentrations locally. Sheared footwall gabbro chill zone? Lower contact: Indistinct, marked by appearance of med-course grain, patchy feldspar crystals typical of footwall gabbro
R11-6	50.70	56.40	FW Gabbro	Med.-locally coarse grained, massive texture. Localized f.g. shear zones. Sporadic qtz veinlets @ 10 degrees to c.a., minor-1% recrystalized, f.g. py localized in some veinlets. Lower contact: Indistinct, marked by appearance of med-course grain, patchy feldspar crystals typical of footwall gabbro
R11-7	0.00	2.20	Overburden	Light-dark brown sand, silt, clay mixture w,assorted 0-1cm pebbles+organic material. Lower contact: Gradational into strong-intensely weathered, sheared, locally micaceous, locally limonitic regolith.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-7	2.20	11.70	Regolith	Strongly-locally intense-weathered shear zone w/yellow orange, silicic limonite patches, saturated red laterite clayes, intensely sheared micaceous schist, recrystalized, weathered grey/white qtz veins/veinlets + intervals w/ abundant, fractured, mod-stained localized qtz frags (broken, weathered qtz veins?). From 2.20-7.81m: Frequent limonitic patches,saturated laterite clay interval (1-2m thickness). mod chloritzation+ limonite patches commonly contain mod hematite oxidation. green/red micaceous, schistose interval near upper contact.
R11-7	11.70	13.94	Regolith	Strongly weathered, abun. intervals composed entirely of mod stained, angular qtz frags (weathered qtz veins).qtz frag intervals commonly bounded by strongly sheared, strongly chloritized sapprolite w/hematite oxidation. qtz frags commonly stained yellow/orange (similar color to uphole limonitic patches.
R11-7	13.94	20.12	Regolith	Mod-locally strong-weathered. Some relict textures preserved. Strongly sheared, black/grey biotite?-rich w/frequent ,recrystalized, weathered, intact qtz veinlets/veins (0-5cm thickness). Rare Hematite oxidation in veins. @18.4m small (5cm) interval w/ abun, minor-mod stained qtz frags. Lower contact: Gradational into chloritized, biotiferous, mod-intensily sheared, locally mod weathered shear zone
R11-7	20.12	28.61	Granofels	Mod. weathered, intensely sheared, brown biotite+chiorite w/schistose textures. Distinct brown/red/green color. Massive at times. Localized regions w/ decreased weathering, shearing, and increased chloritization.
R11-7	28.61	35.42	Granofels	Dark green/black, biotite + chlorite-rich, Mod-intense shearing, w/ rare localized mylonitic banding. Minor localized weathering w/inc. biotite. Rare blurry/mottled qtz veinlets + partialy recrystalized qtz veinlets(opaque-white) present. Localized, deformed,fractured,sheared feldspar clasts/masses present. Sulfides: Tr-minor py along fracts in unweathered/unoxidized regions. Lower contact: Sharply contacted w/ massive qtz/Felsic Intrusive suite.
R11-7	35.42	40.70	Felsic Intrusive	Variable unit w/ submassive-massive qtz veins, submassive-massive dioritic intrusives, + small intervals (<0.5m) of sheared black/blue/green f.g. biotite-chlorite? mafics. Abun. red/orange k-spar flooding, silicification. Sulfides: Tr-minor recrystalized f.g. py cubes within intrusives and qtz veins. Minor-1% disseminated, recrystalized py within f.g. sheared biotite-chlorite rich mafic intervals. Lower contact: Indistinct, increased silification.
R11-7	40.70	52.80	Granofels	Dark grey-black, v.f.g., submassive-massive w/ minor-locally strong silicification + numerous indistinct blurry, mottled, clastic Felsic Intrusives. indistinct fabrics throughout. Modal comp: 40-60% v.f.g. grey plag, 40-60% v.f.g. biotite+ferromags. magnetite common. localized regions of submassive-biotiferous matrix w/decreased plag. Sulfides: 1-2% f.g. py,po diseminated throughout, also within fracture planes. Sulfides in biotite-rich regions tend to be smeared. Lower contact: Sharply contacted w/plag-biotite granite.
R11-7	52.80	56.09	Wolf River Granite	Plag-biotite granite. Submassive-massive med-course grained feldspar-biotite granite. Localized, blurry, silicic flooding. Modal comp: 10-15% black interstitial biotite. 50-60%subangular mod.-albite? altered feldspar 20-25% grey translucent qtz. Sulfides: minor-1% localized, recrystalized py.
R11-8	0.00	1.50	Overburden	Brown-red sand,silt,clay mix w/organics+rare assorted pebbles (0-1cm). Lower contact: Gradational into mafic regolith.
R11-8	1.50	11.27	Regolith	Variably sheared (50-60 deg to c.a.), strongly to intensely weathered chlorite+biotite-rich w/localized deformed,stongly albite altered clasts. Orange/yellow limonitic patches common from 1.5-9.0m. Hematite oxidation common in weathered patches, veinlets, amd strongly chloritized regions (9.0-20.5m.) rare localized, altered, weathered, contact qtz? veins+veinlets up to 4 cm thickness w/minor hematite oxidation.
R11-8	11.27	13.72	Quartz Stockwork	Two intervals of mod stained fragmented/fractured, crystalline qtz, (0.15-0.25m thickness). Veins bounded by strongly-intensly sheared,f.g. biotite+chlorite+abun hematite oxidation in smeared veinlets.
R11-8	13.72	20.50	Regolith	Similar to above regolith unit from 1.50-11.27m. Lower contact: gradational into minor-mod.weathered, strongly chloritized, f.g.,sheared mafics.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-8	20.50	25.91	Granofels	Mod. Strongly sheared (50-60 deg to c.a.) f.g.chlorite+biotite groundmass supports med. Grain minor albite altered, sheared feldspar grains. Localized regions contain increased feldspar in deformed, clast supported matrix. Localized minor silicification present, commonly in conjunction w/ the presence of sulfide mineralization. Minor-locally-mod weathered, strong-locally intense chloritization w/ numerous recystalized qtz veins/veinlets up to 3cm thickness. Qtz-carb veinlets associated w/ regions of intense black chloritization. Frequent hmeatite oxidation in qtz-carb veinlet selvanges. tr recrystalized f.g. py. Lower contact 60 deg to c.a.
R11-8	25.91	37.50	Granofels	Minor-locally-mod silicified, dark green/black, moderately sheared (50-60 deg to c.a.), minor-locally-mod chloritized, biotitie-rich, relative increase in sulfides. 1-2% py, minor po,minor cpy as f.g. disseminants, in smeared sulfide veinlets, and as open-space fillings within qtz veins in more silicified regions.
R11-8	37.50	43.90	Granofels	Mod-locally strong sheared (50-60 deg to c.a.), mod-locally-strong chloritization w/ increased grey, med. Grain sheared feldspar grains in locally submassive clast-supported matrix w. interstitial f.g. sheared biotite masses, lenses, rare bands. Tr-minor py in more chloritized regions.
R11-8	43.90	58.00	Granofels	Strong-locally intense shearing (50-60 deg to c.a.), strong-locally intense chloritization w. abun biotite bands, masses. Hosts massive, white, crystalline bull qtz veins. Margins of qtz veins are sheared, clastic. Tr. Recrystalized f.g. py cubes present within rare altered, weathered qtz veinlets.
R11-8	58.00	62.10	Granofels	Green/black, strongly sheared, (50-60 deg to c.a.) v.f.g. biotie-chlorite matrix w/ 18-20% v.f.g. grey, indistinct feldspar grains. Biotite and chlorite commonly in wispy, deformed bands. 1-2% cpy,po as open space fillings in indistinct, blurry, altered qtz veins, veinlets, and clasts. Lower contact: Gradational into footwall gabbro. marked by bull qtz vein @ 15 deg to C.A.
R11-8	62.10	71.65	FW Gabbro	Submassive-massive, med-coarse grained feldspar/ferromag gabbro. Localized regions w/ inc. black biotite. Abun barren, blurry, deformed, rarely clastic qtz veins. Minor-mod localized shearing from 65.0-67.0 m. Rare clastic qtz veins host fine-coarse grain py as open space fillings @ 63.55, 66.57.
R11-9	0.00	2.13	Overburden	Light-dark brown/red, clay, sand, soil mixture w/ organics and assorted pebbles. Lower contact: gradational into sheared Pc regolith.
R11-9	2.13	19.72	Regolith	Strongly-locally-intensely weathered, f.g., mod-strongly sheared (55-60 deg to c.a.) biotite + chlorite matrix w/ localized micaceous, schostose intervals, rare patchy albite-feldspar alt., strongly weathered/broken, mod stained qtz veins + veinlets. Patchy orange/yellow silicic staining, strong-locally-intense hematite oxidation in veins and patches throughout. From 2.13-2.65: abun mod stained, crystalline qtz frags, tr. v.g. in qtz frag. Interval bounded by strongly sheared, micaceous regolith. From 17.0-19.72: Strongly chloritized, mod sheared, deep blue/green coloration. Strong-locally-mod weathered w/ frequent strongly weathered fragmented qtz veinlets. Abun hematite oxidation in veins and fracts. Lower contact: Gradational decrease from strongly-mod-weathered, strongly sheared/chloritized shear zone.
R11-9	19.72	24.44	Granofels	Mod-strongly chloritized, strongly sheared, w/ abundant recrystalized qtz veins and veinlets, larger veins(~4cm) sometimes clastic. Rare carb veinlets. Abun hematite oxidation in patches, along fractures, veinlets and qtz vein selvanges?gives core distinct light green/red color. tr py.
R11-9	24.44	37.00	Granofels	Abun mod-strongly altered, strongly-intensely sheared (55-65 deg to c.a.) fine-med grain Felsic Intrusive intervals. Tetures range from mylonitic to clastic. Clastic intrusives tend to be blurry, les distinct. Accompanying Felsic Intrusive swarm is a suite of submassive-massive, intensely fractured, Quartz Stockwork veins (30.75-38.75). Smaller, clastic qtz veins commonly interlayered between Felsic Intrusives. Minor py present within intrusives, minor-1% localized py within qtz veins + abun hematite-oxidized patches.
R11-9	37.00	52.20	Granofels	Dark grey/black, strongly sheared (60 deg to c.a.), f.g. biotite/ferromag groundmass. Indistinct grey, localized feldspar clasts/breccia zones and abun sulfide-hosting qtz veins and veinlets. No oxidation of sulfides. 1-5% (inc locally) py, minor cpy as open-space fillings in Quartz Stockwork veins and veinlets. Sulfides gradually decrease in concentration down hole.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R11-9	52.20	55.12	Granofels	V.f.g., strongly chloritized, strongly-intensely sheared (60 deg to c.a.) groundmass w/ brecciated, deformed qtz veins, veinlets, and sheared, med grain albite-altered feldspar clasts. Within v.f.g. chloritized regions and qtz veins, 1% po,cpy,py as open space fillings (often w/ silicification) Lower contact: indistinct transition into massive/submassi ve med-coarse grain gabbro.
R11-9	55.12	65.55	FW Gabbro	Med-coarse grain feldspar/ferromag gabbro. Homogenously textured. Blurry, deformed bull qtz veins and veinlets (50 deg to c.a.) present. Rare, altered breccia/shear zones host minor localized po,cpy as open space fillings. Minor recrystalized py cubes along fracts.
R12-25	0.00	6.94	Regolith	From 0.00-0.25m: Dark brown ovb consisting of soil, sand, clay mixture w/ organics. From 0.25m-6.94m: strongly-intensely weathered, strongly-intensely oxidized regolith. Metavolcanic protolith. Red, saturated, clay-rich intervals (up to 1m) present throughout. Lower contact: gradational.
R12-25	6.94	20.68	Metagabbro	Variably textured, Dark-light grey, fine grain feldspar, ferromag, biotite-rich groundmass supporting patchy, clastic, light grey-white fine-med grain, albite-altered feldspar grains, infrequent qtz veinlets, and minor-epidote-altered veins/wispy patches. Minor-locally mod shearing/foliation. Rare talc/carbonate-altered veins. From 6.94-9.58m: Strongly fractured w/ frequent saturated, crumbly, mod-weathered, minor-oxidized intervals. Minor py present in f.g. patches and within rare qtz veinlets. Up to 1% locally within larger qtz veinlets. Lower contact: sharp
R12-25	20.68	28.50	Granofels	Variably textured. Light-grey, fine-med grain, intermediate-matic feldspar/ferromag metavolcanics. Minor-mod shearing/foliation. Fine grain, patchy, white, sericite alteration disseminated throughout. Rare epidote/garnet/diopside-altered veins. Minor-2% py,po, minor cpy within infrequent, minor deformed crystalline qtz veins/veinlets (<5cm thickness), and sulfide veinlets throughout. Lower contact: sharp
R12-25	28.50	33.70	Quartz Stockwork	Variably textured, Dark grey, fine-med grain, brecciated/clastic, strongly-locally intensely sheared, biotite-rich metavolcanics. Mod-strong, localized, silver/white mica alteration. Qtz-carb veinlets common in minor-mod-weathered, saturated intervals. Mod-locally intense silicification common throughout. Abundant, clastic/deformed, crystalline qtz veins throughout. 1-3% py>po, minor cpy within qtz veins/veinlets, and localized, f.g. disseminated patches. Up to 4% locally. Sulfide mineralization in qtz veins commonly associated w/ interstitial light green, talc? From 20.68-21.20m: mod-strongly weathered, minor-oxidized, saturated interval. From 28.50-29.00m: Light green-tinted (Cr) , clastic crystalline qtz vein. From 34.40-34.70: clatic crystalline qtz vein w/ abundant magnetite. Lower contact: sharp
R12-25	33.70	36.47	Granofels	Variably textured. Light-grey, fine-med grain, intermediate-matic feldspar/ferromag metavolcanics. Minor-mod shearing/foliation. Fine grain, patchy, white, sericite alteration disseminated throughout. Rare epidote/garnet/diopside-altered veins. Minor-2% py,po, minor cpy within infrequent, minor deformed crystalline qtz veins/veinlets (<5cm thickness), and sulfide veinlets throughout. Lower contact: sharp
R12-25	36.47	55.33	Granofels	Variably textured. Light-grey, fine-med grain, intermediate-matic feldspar/ferromag metavolcanics. Minor-mod shearing/foliation. Fine grain, patchy, white, sericite alteration disseminated throughout. Rare epidote/garnet/diopside-altered veins. Minor-2% py,po, minor cpy within infrequent, minor deformed crystalline qtz veins/veinlets (<5cm thickness), and sulfide veinlets throughout. Lower contact: sharp
R12-25	55.33	64.90	Felsic Intrusive	Fine-med grain, indistinct blue/grey to white, clastic quartz diorite set in f.g. biotite/feldspar/ferromag groundmass. Mod localized albite alteration. Mod silicification throughout gives diorites mottled/blurry appearance. Minor localized k-spar flooding. Minor-2% py,po within qtz/sulfide veinlets within sheared, biotite-rich goundmass, and within fractures of diorite. Lower contact: sharp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-25	64.90	88.15	FW Gabbro	Fine-coarse grained, grey/green, submassive-massively textured footwall feldspar/ferromag gabbro. Minor albite alteration within massive, coarse grain intervals. Minor-mod shearing near upper contact, and within f.g. localized, green ferromag intervals throughout. Biotite-rich bands/lenses commonly bound diorite clasts. Barren qtz veins/veinlets common throughout. Minor-2% po>py, minor cpy in sheared/deformed qtz veins (up to 3cm thickness) near upper contact. From 68.00 to 88.15m: tr-minor py,po within rare mineralized qtz veinlets. From 84.66-85.26m: sharply contacted, med grain qtz diorite interval. E.O.H.
R12-26	0.00	0.50	Overburden	Light-dark brown clay/soil mixture. Minor oxidation. No visible mineralization. Lower contact: gradational
R12-26	0.50	3.20	Regolith	Red, intensely weathered, oxidized, clay-rich regolith. Possible sapprolitized glacial horizon? Locally saturated. No visible mineralization
R12-26	3.20	9.90	Regolith	strongly-intensely weathered, oxidized, locally sheared regolith. metagabbro protolith? Sheared regions commonly associated w/ increased hematite oxidation in veinlets and along fractures. From 7.45-9.90m: strongly-intensely fractured/broken. No visible mineralization. Lower contact: gradational.
R12-26	9.90	16.60	Metagabbro	light grey-green, fine-med grain, locally ophitic feldspar/amphibole metagabbro. Minor-mod localized shearing common in finer grained, biotiferous intervals. Infrequent qtz/sulfide veinlets and dark green amphibole-rich veinlets cut through sub-ophitic to ophitic intervals, and conform to foliation within mod-sheared intervals. Minor-1% localized py,po within qtz/sulfide veinlets. Lower contact: Gradational
R12-26	16.60	25.70	Granofels	Fine-locally med grain, dark-light grey, variably textured metavolcanics. Unit has mottled, indistinct appearance, and is cut by frequent, blue/green, weathered, talc-altered veins/veinlets. Rare epidote/garnet/diopside-altered crystalline qtz veins present throughout (up to 10cm) . 1-2% py>po within frequent, randomly oriented sulfide vienlets, as open-space fillings within rare qtz veins. Up to 3% locally. Lower contact: gradational
R12-26	25.70	29.40	Metagabbro	Similar to above metagabbro unit from 9.90-16.60m. Minor-1% localized py,po within qtz/sulfide veinlets. Lower contact: Sharp
R12-26	29.40	39.90	Granofels	Similar to above metavolcanic unit from 16.60-25.70m. Unit has mottled, indistinct appearance, and is cut by frequent, blue/green, weathered, talc-altered veins/veinlets. 1-3% py,po>>cpy within randomly oriented qtz/sulfide veinlets, silicified patches. Lower contact: gradational
R12-26	39.90	41.70	Metagabbro	Similar to above metagabbro units from 9.90-16.60, and 25.70-29.40m. Minor-1% localized py,po within qtz/sulfide veinlets. Lower contact: gradational.
R12-26	41.70	50.75	Granofels	dark-light grey, strongly sheared, mottled, feldspar/ferromag/biotite-rich metavolcanics. Biotite common in bands and lenses. Patchy, fine grain, white, wispy sericite alteration disseminated throughout. 1-2% py>po>cpy within frequent, folia-oriented sulfide veinlets, and rare, boudined qtz veins/veinlets. Lower contact: intensely sheared, gradational
R12-26	50.75	52.30	Quartz Stockwork	Dark-light grey, clastic crystalline qtz veins (up to 0.50m thickness) supported by v.f.g., strongly-intensely sheared, biotite-rich groundmass. 4-6% py>po,cpy as open-space fillings within crystalline qtz veins, and within groundmass-hosted sulfide veinlets near margins of qtz veins. Lower contact: sharp.
R12-26	52.30	59.40	Granofels	F.g., dark grey, mod-strongly sheared, mod silicified, feldspar/ferromag/biotite-rich metavolcanics. Mod, patchy, v.f.g. white/grey sericite alteration disseminated throughout. 1-2% po,py,cpy, within frequent qtz/sulfide veinlets, and smeared, disseminated patches. Up to 3% locally within qtz/sulfide veins/clasts near lower contact. Lower contact: Gradational
R12-26	59.40	87.78	FW Gabbro	Fine-coarse grained, grey/green, submassive-massively textured footwall feldspar/ferromag gabbro. Minor albite alteration within massive, coarse grain intervals. Minor-mod shearing near upper contact, and within f.g. localized, green ferromag intervals throughout. Barren, epidote/diopside/garnet-altered qtz veins/veinlets common throughout. Minor localized po>cpy,py within rare mineralized qtz veinlets/silicified patches. E.O.H.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-27	0.00	8.71	Regolith	Strongly-intensely weathered, oxidized regolith. From 1.30-3.65m: Rock is intensely fractured/crumbled. From 3.65-4.47m: Cave-in interval, saturated red clay w abundant regolith rock frags, rare organic materials, possibly representative of OVB. From 4.57-8.71m: Regolith is strongly-intensely fractured, mod-strongly weathered, oxidized, w/ infrequent, saturated red clay intervals. Localized hematite-oxidized veinlets present in rare, mod-weathered intevals. No visible mineralization. Lower contact: Sharp
R12-27	8.71	21.23	Metagabbro	Light grey/green, fine-med grain feldspar/amphibole metagabbro. Ophitic textures common throughout. Infrequent, minor localized shearing present in fine grain intervals. Minor silicification, biotite in sheared bands and lenses, and mod epidote-altered patches/veins present in fine grain, sheared intervals. Minor-1% py,po present in infrequent qtz/sulfide veinlets. Up to 2% locally as open-space fillings within rare qtz veins (up to 7cm thickness). Lower contact: Gradational
R12-27	21.23	25.20	Granofels	Dark grey/black/green, f.g., strongly sheared, feldspar/amphibole/biotite-rich metavolcanics. From 25.20-23.78m: Mod-strongly silicified w/ abundant, clastic/deformed qtz/sulfide veinlets, and crystalline qtz vein clasts (up to 0.2m thickness). Vein clasts often bounded by strongly-intensely sheared biotite bands/lenses. Dark green, talc present throughout, commonly within selvages of sulfide veinlets, and rarely interstitially within fractures of qtz vein clasts. 2-4% py>po, minor cpy within sulfide vienlets, as open-space fillings within deformed qtz clasts/veins. From 23.78-25.50m: Strongly sheared, blue/green/grey, minor-locally mod-weathered metavolcanics. Abundant talc, deformed/clastic qtz-carb veins/veinlets common throughout. Healed faults? (up to 0.25m thickness). Tr. visible metallic minerals. Lower contact: Sharp.
R12-27	25.20	38.11	Metagabbro	Light grey/green, med-coarse grain feldspar/amphibole metagabbro. Ophitic textures throughout. Rare, localized, fine-grain, minor-sheared intervals present throughout, commonly w/ wispy, minor-mod silicified epidote patches/deformed veins. Minor-1% localized py>po within rare qtz/sulfide veinlets. Lower contact: gradational
R12-27	38.11	43.45	Metagabbro	light-dark grey/green, mod-locally strongly sheared, fine-locally med grain feldspar/amphibole metagabbro. Minor localized biotite present in rare, strongly sheared intervals. Frequent epidote/diopside/garnet-altered veins/patches common throughout, often w/ minor silicification. Minor-2% py>po present in rare qtz/sulfide veinlets and epidote/garnet/diopside altered veins. Up to 3% locally, bounding 5cm crystalline qtz vein @ 38.75m. Lower contact: gradational/indistinct.
R12-27	43.45	61.20	Metagabbro	Similar to above metagabbro units from 8.71-21.23m, and 25.20-38.11m. Light grey/green, med-coarse grained feldspar/amphibole metagabbro w/ sub-ophitic to ophitic textures. Minor localized shearing throughout, commonly w/ minor silicification, and epidote-altered veins/patches. Minor-1% py,po within rare qtz/sulfide veinlets. Lower contact: gradational.
R12-27	61.20	62.60	Granofels	Dark grey/black/green, f.g., strongly sheared, feldspar/amphibole/biotite-rich metavolcanics. Minor, rare epidote-altered patches. Minor, rare talc-healed fractures. 1% py,po,cpy within frequent sulfide veinlets, and indistinct, ductile-deformed qtz veinlets. Lower contact: gradational.
R12-27	62.60	66.93	Quartz Stockwork	Clastic, dark-light grey, indistinct, strongly-intensely silicified, mod-fractured crystalline qtz veins (up to 0.5m thickness) set within f.g., strongly-intensely sheared, biotite-rich groundmass. Clastic stockwork vein margins and fracture planes within veins commonly tinted blue/green . Near lower contact, deformed qtz veins become pocky, w/ increased void-space along fractures. 2-4% po>cpy as open-space fillings within stockwork qtz veins, and within frequent sulfide/qtz veinlets in sheared, clastic, biotite-rich groundmass near vein margins. Lower contact: gradational
R12-27	66.93	68.05	Granofels	Similar to metavolcanics unit from 61.20-62.60m. 1% po,cpy within frequent sulfide veinlets, and ductile-deformed qtz veins (up to 3cm thickness). Qtz veins commonly minor weathered/pocky. Lower contact: gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-27	68.05	71.65	Metagabbro	Light-dark grey/green, fine-med grain, locally ophitic, locally minor-mod sheared feldspar/amphibole metagabbro. Rare, minor-mod epidote-altered, deformed qtz veinlets throughout. Minor-1% po>py within rare qtz/sulfide veinlets. Lower contact: gradational.
R12-27	71.65	80.53	Granofels	Dark grey/black/green, f.g., strongly sheared, feldspar/amphibole/biotite-rich metavolcanics. Distinct, white/grey, 0-1mm, locally sheared sericite alteration throughout. 1-2% po, cpy (up to 3% locally) present within frequent sulfide veinlets, rare qtz veins/veinlets, and v.f.g., smeared, disseminated patches. 10cm fractured/clastic crystalline qtz vein present @73.00m. From 79.70-80.53m: Light-dark green, ductile-deformed, intensely epidote altered contact zone w/ minor-1% v.f.g. disseminated po. Lower contact: sharp/clastic
R12-27	80.53	96.95	FW Gabbro	Light grey/green, Fine-med grained feldspar/ferromag footwall gabbro. Massively textured. Barren qtz veinlets/veins (up to 2cm thickness) present throughout, commonly w/ blurry, light grey/green-altered, selvages. Tr-minor po,cpy,py within rare mineralized qtz veinlets/veins. EOH.
R12-28	0.00	1.07	Overburden	Light to dark brown, sand/soil/clay mixture w/ organics. Lower contact: grad
R12-28	1.07	5.80	Regolith	Strongly-intensely weathered, strongly oxidized mafic regolith. Strongly-intensely fractured/crumbled throughout. Localized, saturated, red clay-rich intervals present throughout. From 3.35-5.8m: Possible cave in. Abundant saturated, sand/clay mixture w/ infrequent organic materials. Abundant regolith rock frags/pebbles throughout. No visible mineralization. Lower contact: gradational.
R12-28	5.80	27.00	Metagabbro	Light grey/green, fine-medium grain, clastic, porphyritic metagabbro. Patchy, light grey-white, fractured, med grain plag phenocrysts set in a f.g., dark grey/green feldspar/amphibole groundmass. Phenocrysts often clastic, glomerophyric. Localized ophitic textures present in small, coarse-grained intervals. Minor-mod localized shearing present in f.g. intervals of up to 0.5m. Sheared intervals commonly accompanied by minor silicification, increased biotite in bands/lenses, and mod, blurry epidote/garnet/diopside-altered veins/patches. From 20.4-20.7m: green/blue, mod-sheared, minor-mod weathered interval w/ frequent qtz-carb veinlets, and minor k-spar flooding. Minor-1% py, minor cpy>po within rare qtz/sulfide vienlets. Up to 2% locally.
R12-28	27.00	30.20	Granofels	Light-dark grey/green, variably textured, fine-locally-med grain, mod sheared feldspar/amphibole-rich metavolcanics. Biotite common throughout in sheared bands/lenses. From 27.00-27.5m: Minor-sheared, 0.5-1.0mm white-altered magnetite grains disseminated throughout, giving interval distinct speckled appearance when wet. Minor-2% py>po within smeared sulfide veinlets. Mineralized veinlets commonly contain blurry, light/pale green-altered selvages. Lower contact: indistinct.
R12-28	30.20	31.40	Mafic Dike	mod-sheared, dark grey/green, f.g., massively textured feldspar/amphible/biotite/magnetite-rich mafic dike. Minor-1% Po within hairlind sulfide vienlets and v.f.g. disseminated patches. Lower contact: indistinct.
R12-28	31.40	36.50	Metagabbro	Similar to above metagabbro unit from 5.80-27.00m. Light grey/green, fine-medium grain, clastic, porphyritic metagabbro. Patchy, light grey-white, fractured, med grain plag phenocrysts set in a f.g., dark grey/green feldspar/amphibole groundmass. Phenocrysts often clastic, glomerophyric. Minor localized silicification present. Minor-1% py within localized, indistinct qtz/sulfide veinlets, randomly oriented fracture planes. Lower contact: sharp.
R12-28	36.50	38.10	Granofels	Mod weathered, strongly altered, aqua blue/green, talc-rich breccia zone. Fracture-filling qtz-carb veinlet networks throughout interval. Minor localized k-spar flooding in patches, and qtz-carb vein selvages. Minor py in rare mineralized qtz-carb veinlets. Lower contact: indistinct, fractured.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-28	38.10	45.30	Quartz Stockwork	Light-dark grey, mottled, mod-fractured, clastic, randomly oriented crystalline qtz veins (up to 1.00m thickness) set in fine-grain, mottled/blurry/silicified, mod-strongly sheared, biotite-rich groundmass. Fractures within qtz veins/clasts commonly contain light-dark green talc. 2-6% py>po>cpy as open-space fillings within crystalline qtz veins, clasts, and within randomly oriented sulfide veinlets within f.g. sheared, biotite-rich groundmass. Up to 8% locally within sulfidic masses in large qtz vein from 39.00-40.30m. Lower contact: sharp, marked by 5cm, brecciated, qtz-carb veinlet network.
R12-28	45.30	49.87	Metagabbro	Light grey/green, fine-med grain, clastic, metagabbro. Locally ophitic feldspar/amphible clasts surrounded by f.g., mod-sheared, feldspar/ferromag/biotite-rich groundmass. Mod epidote-altered patches/silicified veins common throughout. Shearing, biotite bands/lenses become more prevalent near lower contact. Minor-1% py, minor po within infrequent qtz/sulfide veinlets. Lower contact: sharp.
R12-28	49.87	65.00	Granofels	Light-dark grey/green, variably textured, mod-sheared, feldspar/amphibole-rich metavolcanics. Biotite common throughout in sheared bands/lenses. 0.5-3.0mm white-altered, locally sheared magnetite grains disseminated throughout, giving interval distinct speckled appearance when wet. Epidote/garnet/diopside alteration present in blurry/wispy patches, qtz veinlets. Minor-2% po>cpy,py within qtz/sulfide veinlets, and frequent smeared sulfide veinlets. Lower contact: Very sharp, clastic, variable, sub-parallel to core.
R12-28	65.00	67.20	Mafic Dike	Dark grey/green, f.g., massively textured feldspar/amphible/biotite/magnetite-rich mafic dike. Minor-1% Po within hairlin sulfide veinlets and v.f.g. disseminated patches. Lower contact: gradational
R12-28	67.20	68.82	Granofels	Light bluish/grey/brown, med grain, minor silicified/mottled diorite flow? Sub-massively textured, intergranular qtz-feldspar grains w/ f.g. interstitial amphibole, biotite. Minor-1% po,cpy within disseminated patches, rare qtz/sulfide veinlets. Lower contact: very sharp.
R12-28	68.82	70.45	Mafic Dike	Similar to above mafic dike unit from 65.00-67.20. dark grey/green, f.g., massively textured feldspar/amphible/biotite/magnetite-rich mafic dike. Minor-1% Po within hairlin sulfide veinlets and v.f.g. disseminated patches. Lower contact: very sharp, variable, sub-parallel to C.A.
R12-28	70.45	71.90	Granofels	Similar to above metavolcanics unit from 49.87-65.00. Light-dark grey/green, variably textured, mod-sheared, feldspar/amphibole-rich metavolcanics. Biotite common throughout in sheared bands/lenses. 0.5-3.0mm white-altered, locally sheared magnetite grains disseminated throughout, giving interval distinct speckled appearance when wet. Epidote/garnet/diopside alteration present in blurry/wispy patches, qtz veinlets. Minor-2% po>cpy,py within qtz/sulfide veinlets, and frequent smeared sulfide veinlets. Lower contact: sharp
R12-28	71.90	79.50	Felsic Intrusive	Indistinct grey/brown-white, strongly clastic/fractured qtz diorite intrusive. Intergranular qtz-feldspar grains w/ f.g. interstitial, black-brown biotite. Minor-mod silicification, minor-mod, localized, white albite alteration. Mod-strong localized shearing common in f.g. biotite-rich intervals surrounding fractured diorite clasts. 15cm, indistinct/mottled, crystalline qtz vein @ upper contact. Minor-1% po, minor cpy within fractures of diorite, and rare qtz/sulfide veinlets. Up to 2% locally within 15cm qtz vein @ upper contact. Lower contact: sharp.
R12-28	79.50	85.67	FW Gabbro	Fine-med grain, grey/green feldspar/ferromag footwall gabbro. Fine-grain intervals commonly sheared. Undeformed-strongly deformed, barren, crystalline qtz veins/veinlets present throughout. Deformed qtz veins/veinlets commonly contain blurry, light/pale green-altered selvages. tr-minor po,cpy within rare mineralized qtz veinlets. Up to 1% locally near sheared, lower contact. Lower contact: sharp, variable, clastic.
R12-28	85.67	94.48	Mafic Dike	Similar to above mafic dike unit from 68.82-70.45. dark grey/green, f.g., massively textured feldspar/amphible/biotite/magnetite-rich mafic dike. Strongly magnetic. Mod tan sericite alteration present within clastic, deformed qtz veins. Minor-2% Po within frequent hairline sulfide veinlets and v.f.g. disseminated patches. Minor-2% po,cpy as open-space fillings w/in rare, mineralized, clastic/deformed qtz veins/veinlets. Up to 3% po near lower contact. Lower contact: very sharp, intertonged, variable, sub-parallel to C.A.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-28	94.48	106.07	FW Gabbro	Similar to above footwall gabbro. Barren qtz veins common throughout. Tr-minor po,cpy within rare, deformed, epidote/garnet/diopside-altered, mineralized qtz veins/veinlets. Up to 1% locally. EOH
R12-29	0.00	12.15	Overburden	From 0.00-6.40m: Strongly-intensely weathered, strongly oxidized mafic regolith, interlayered w/ saturated, red clay-rich intervals. From 6.40-12.15m: (cave in, respresentative of glacial outwash ovb?) brown, mod weathered, minor oxidized, sandy/gravelly interval w/ scattered minor-strongly altered rock frags, and localized, green/grey, clay-rich intervals. No visible mineralization. Lower contact: sharp.
R12-29	12.15	58.47	Metagabbro	Variable unit: Dominantly light-dark grey/green, fine grain, weakly foliated feldspar-amphibole groundmass supporting clastic, patchy/glomerophyric, med-coarse grained, white, fractured, plagioclase phenocrysts. Relict ophitic gabbro textures rarely preserved. Rare, localized, minor- mod epidote/garnet/diopside-altered veins/patches randomly throughout. Strongly sheared, mylonitic intervals present from 12.15-14.83m, 19.3-21.6m, and 57.40-58.47m. Mylonites are black/brown/grey, biotite-rich, mod-strongly silicified/mottled, commonly contain smeared, blurry, k-spar-altered grains, and tend to contain increased concentrations of qtz veins/veinlets. From 31.37-32.34m: Sharply contacted, green/blue/white, mod-strongly weathered, interval w/ frequent fracture-filling qtz-carb veinlets. Minor-2% py>cpy within randomly oriented fractures, folia-oriented qtz/sulfide veinlets. Rare, randomly oriented (20-90 deg to C.A.) clastic, crystalline qtz veins (up to 15cm thickness) present throughout, with up to 6% localized py>cpy as open-space fillings. Lower contact: sharp.
R12-29	58.47	61.84	Quartz Stockwork	Grey/green/white, fractured, crystalline Quartz Stockwork veins (up to 1m thickness) set within strongly sheared, mylonitized, biotite-rich groundmass. Qtz veins decrease in size, become increasingly clastic downhole through unit. Biotite-rich groundmass @ upper contact contains smeared, blurry, k-spar-altered grains. Minor localized weathering gives some qtz clasts a pocky/vuggy appearance. 2-5% py,po>cpy as open-space fillings within fractures of stockwork qtz veins/clasts, and as folia-oriented, smeared, boudined qtz/sulfide veinlets within biotite-rich groundmass. Up to 8% locally. Lower contact: Gradational/indistinct.
R12-29	61.84	81.18	Granofels	Dark grey/green, fine grain, minor-mod foliated, sheared feldspar-amphibole-biotite-rich metavolcanics. Localized biotite common in bands and lenses. Localized, smeared, 1-2mm, white-altered magnetite grains present throughout. Indistinct qtz veinlets, clasts common throughout. Clastic, fractured, minor-albite-altered qtz diorite intrusive clasts common near lower contact. Minor-2% po>cpy within indistinct qtz/sulfide veinlets, smeared sulfide veinlets, and within v.f.g. disseminated patches. Lower contact: sharp.
R12-29	81.18	94.42	Felsic Intrusive	Indistinct grey/brown-white, strongly clastic/fractured qtz diorite intrusive. intergranular qtz-feldspar grains w/ f.g. interstitial, black-brown biotite. Minor-mod silicification, minor-mod, localized, white albite alteration. Mod-strong localized shearing common in f.g. biotite-rich intervals surrounding fractured diorite clasts. Indistinct, strongly silicified, clastic/deformed, epidote/garnet/diopside-altered crystalline qtz veins (up to 10cm) present near lower contact. Minor-1% localized po,cpy in qtz veinlets within f.g. sheared, biotite-rich groundmass, and fractures of diorite intrusive. Up to 2% locally within qtz clastic qtz veins near lower contact. Lower contact: Gradational/indistinct.
R12-29	94.42	103.02	FW Gabbro	Green/grey, fine-med grain, equigranular, massively textured FW gabbro. Locally-coarse grain intervals present. From 94.42-98.30m: Mod-strongly foliated, deformed/sheared, w/ increased biotite in bands/lenses, deformed crystalline qtz clasts (up to 3cm diameter), and barren, strongly-intensely epidote/garnet/diopside-altered crystalline qtz veins (up to 15cm thickness). Tr-minor po,py,cpy within rare mineralized veinlets, and altered fractures. Minor-2% localized py,po,cpy within rare deformed qtz clasts, and smeared sulfide veinlets near sheared upper contact. EOH
R12-30	0.00	0.91	Overburden	Dark-light brown, clay, soil, organics mixture.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-30	0.91	2.30	Regolith	Strongly-intensely weathered, Locally mod-strongly oxidized, mafic regolith. From 0.91-1.52m: sub-angular-angular, mod-stained, qtz frags, diorite frags (up to 3cm dia) scattered throughout. From 1.73-2.13m: mod oxidized, strongly weathered, w/ red, green coloration. No visible mineralization. Lower contact: fractured/broken.
R12-30	2.30	9.10	Granofels	Fine-locally med grain, dark grey/green feldspar-amphibole-biotite-rich mafic metavolcanics. Minor-mod localized foliation over short intervals, commonly w/ biotite bands/lenses. Minor stained/oxidized hairline fractures common throughout. Rare, sharply contacted to blurry/mottled, grey-white, fractured, crystalline qtz veins (up to 5cm thickness) present, often w/ minor-mod silicification of surrounding groundmass. Minor-1% py, tr cpy within qtz veins, sulfide veinlets, and rare disseminated patches. Up to 2% locally. Py, within qtz veins commonly w/ minor oxidation. Lower contact: gradational.
R12-30	9.10	13.07	Felsic Intrusive	Indistinct, strongly silicified, mottled, clasic/fractured, med-coarse grained qtz monzanite. Mod-strong K-spar flooding common, although, white/grey, dioritic intervals/clasts present near upper and lower contacts. Clastic intrusives set in v.f.g. biotite-rich groundmass. Minor-1% py present in rare, mineralized qtz veinlets, fractures. Lower contact: gradational.
R12-30	13.07	20.83	Metagabbro	Similar to metagabbro unit from 2.30-9.10m. Rare, indistinct/mottled dioritic clasts present near upper contact. Minor-mod, indistinct, localized foliation becomes more wide-spread near lower contact. Infrequent crystalline qtz veins/veinlets range from sharply contacted, and white, to blurry/mottled, deformed, and grey (up to 15cm). Minor-2% py,tr cpy within rare qtz veins/veinlets, and locally-frequent sulfide veinlets. Up to 3% locally. Lower contact: sharp, strongly foliated.
R12-30	20.83	23.40	Quartz Stockwork	Abundant, white-grey, clastic, strongly fractured, crystalline qtz veins (up to 1.1m thickness) set within mod silicified, blurry/mottled, dark grey/brown, tremolite-altered, biotite-rich groundmass. Fractures within qtz veins, and qtz grain boundaries commonly minor-weathered/pocky, w/ light-dark green chlorite, giving the qtz veins a locally greenish tint. Localized, white, weathered patches present within sulfide-mineralized regions of qtz veins react w/ hcl. Deformed/boudined qtz/sulfide veinlets common within groundmass. Minor-mod, localized, distinct silver/grey sericite alteration disseminated within groundmass. 2-5% py, cpy as open-space fillings within qtz veins, boudined qtz/sulfide veinlets, and smeared disseminated patches. Up to 10% py,cpy locally within larger veins. High sulfide-concentrated regions of qtz veins commonly contain grey/black magnetite masses. Lower contact: indistinct.
R12-30	23.40	57.22	Metagabbro	Variably textured. Dark grey/brown/green, fine-locally med grain, minor-strongly foliated, plagioclase-amphibole-biotite metagabbro. Increased amphibole, biotite, and decreased grainsize common in foliated intervals, giving rock a sub-massive texture w/ green coloration. Localized ophitic textures w/ 60-80% grey, med grain, subhedral plagioclase pheocrysts, and 40-20% dark green, f.g., interstitial, anhedral amphibole/biotite groundmass. Localized, mod silicification, minor-mod brown tremolite alteration give rock indistinct/blurry appearance. Strongly weathered, fractured, green/blue, talc-rich? intervals w/ abundant fracture filling qtz-carb veinlets present throughout. (5-40cm thickness) Rare, localized, grey, sericite-biotite schistose intervals present at upper contact, and in close vicinity to weathered intervals. Rare, deformed, epidote/garnet/diopside-altered clasts present throughout, commonly in close proximity to schistose intervals. Unit is mod-strongly fractured throughout. 1-3% py, tr cpy,po present within frequent sulfide vienlets, randomly oriented fracture planes, blurry qtz veins, and smeared disseminated patches. Lower contact: sharp
R12-30	57.22	61.84	Quartz Stockwork	Widely dispersed, green-grey, minor-mod fractured, crystalline Quartz Stockwork veins. Veins range in size from 0.1-0.4m, and are located from 57.22-57.62m, 58.60-58.80, and 60.50-60.90m. Vein contacts w/ groundmass range sharp near upper contact, becoming more clastic near lower contact. Veins set in silicified, mottled, clastic/fractured, sub-massive qtz diorite intrusive w/ distinct, abundant, disseminated, randomly oriented silver sericite flecks. Up to 4% po,cpy as open-space fillings within Quartz Stockwork veins. minor localized po,cpy within vein-supporting diorite. Lower contact: clastic, strongly foliated.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-30	61.84	72.56	Metagabbro	Similar to above granofels/metagabbro unit from 23.40-57.22m. Variable textured, heterogenous appearance. Mod-strongly foliated. abundant biotite in bands and lenses w/in strongly foliated regions. Mod localized silicification. F.g. dark green, amphibole, biotite-rich to med grain, light grey/green, ophitic. Mod-strong fracturing/brecciation common w/ silicification. Grey, blurry/indistinct diorite intrusive clasts common throughou (up to 15cm thickness). Minor-3% po>cpy, minor py present in frequent sulfide/qtz veinlets, smeared disseminated patches. increased py present in localized epidote-altered patches. Lower contact: sharp.
R12-30	72.56	113.54	Felsic Intrusive	White/grey/brown, strongly fractured, fine-coarse grained, granophyric qtz diorite intrusive swarm, interlayered w/ f.g., green/black, sub-massive to massively textured amphibole, biotite-rich metagabbro (up to 2.5m thickness). metagabbroic layers are in sharp contact w/ intrusives, frequently encasing deformed diorite clasts, and rare, randomly oriented qtz veins (up to 4cm thickness). Mod-strong localized silicification common throughout dioritic regions. Rare, intense silicification occurs w/ green/grey, fractured, mineralized, crystalline qtz veins @ 91.70-91.90m and 107.70-108.10m. Minor-1% po, py, tr cpy within fractured of qtz diorite. 1-2% v.f.g. po,cpy>py in sulfide veinlets, disseminated patches within metagabbroic intervals. Up to 4% localized, py>cpy>po within fractures of crystalline qtz veins mentioned above. Lower contact: sharp.
R12-30	113.54	134.50	Metagabbro	Green/dark grain, fine-coarse grained, mod-strongly foliated amphibole-biotite-rich metagabbro. Biotite common in bands and lenses. Fine grain, sub-massive textures, commonly grade into coarse grained, clastic, ophitic textures. Coarse grained regions commonly w/ minor white albite alteration. Mod-strongly fractured near lower contact. Rare, sharply contacted, granophyric qtz diorite intrusive intervals (<1m thickness). Minor-2% py>po, tr cpy within localized sulfide veinlets, rare mineralized qtz veins (<5cm thickness). Lower contact: sharp.
R12-30	134.50	136.59	FW Gabbro	F.g., mod-strongly mod-strongly foliated, sheared, feldspar-amphibole footwall gabbro. Locally coarse grained regions present. Strong light/pale green alteration common in clastic, sheared/wispy patches, and selvages of rare qtz veinlets. Tr-minor py localized in rare mineralized qtz veinlets, altered patches. EOH
R12-31	0.00	1.22	Overburden	Dark-light brown soil/clay/organics mixture w/ rare assorted rock frags (<1cm diameter). No visible mineralization
R12-31	1.22	6.04	Regolith	Strongly-intensely weathered, mod-strongly oxidized, red/brown/green-colored mafic regolith. Brown-red, saturated, clay-rich intervals dispersed throughout, commonly w/ abundant regolith fragments. Unit is mod-strongly fractured throughout. Deep red, hematite-oxidized veinlets, brown-weathered biotite common throughout. Rare, strongly weathered qtz vienlets visible in more competent intervals. No visible mineralization. Lower contact: Gradational
R12-31	6.04	39.22	Metagabbro	Dark-light grey, green, plagioclase-amphibole-biotite-metagabbro. Med grain. minor foliated, feldspar-rich, ophitic intervals commonly grade into f.g. indistinct, mod-strongly foliated, locally sub-massive, amphibole-biotite-rich intervals, with the latter becoming more common w/ increased depth. Mod-strongly silicified, indistinct, clastic Felsic Intrusive intervals present from 18.00-40.33m. Intrusives commonly display minor k-spar flooding, with average thickness of <.5m. Epidote/garnet altered patches/veins, sausseritized vein/veinlet selvages common in finer grain, foliated intervals. Rare, crystalline qtz veins present throughout unit within finer grained, foliated intervals and at the lower contacts of larger Felsic Intrusive intervals (<0.1m thickness). Minor-1% py present in rare, localized sulfide veinlets throughout. 1-3% localized py,po,cpy within mineralized qtz veins. Lower contact: indistinct.
R12-31	39.22	40.33	Felsic Intrusive	Minor-mod fractured, med-coarse grained, granophyric Felsic Intrusive. Minor-mod kspar flooding increases in intensity near center of intrusive. Indistinct upper and lower contacts. Tr-minor py within fractures of intrusive.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-31	40.33	41.83	Metagabbro	Dark grey/green, fine grain, amphibole-biotite-rich metagabbro. Mod-intense foliation, w/ biotite in smeared bands and lenses. Strongly deformed/boudined, white/grey, crystalline qtz clasts and veins common (up to 15cm thickness). 1-3% py, minor cpy in fractures of qtz veins/clasts, folia-oriented sulfide veinlets, and within randomly oriented fractures. Sulfide mineralization commonly accompanied by dark green/blue, talc/chlorite? gange minerals. Lower contact: sharp, indistinct
R12-31	41.83	43.70	Felsic Intrusive	Dark grey/brown-light grey, mod fractured/clastic, mod-strongly silicified, med-coarse grained, granophyric quartz diorite intrusive. Minor localized kspar flooding. Minor localized, blurry sausseritization. Minor py preseint within fractures of intrusive, locally disseminated w/in green sausseritized patches. Lower contact: sharp.
R12-31	43.70	45.50	Metagabbro	dark gray/green, strongly-intensely foliated, f.g. biotite-amphibole-rich metagabbro. Mod-strong localized epidote/garnet alteration in patches, deformed veins. Alteration of f.g. disseminated magnetite gives unit a fine, white, mottled/speckled appearance. 1-3% sulfides. py>cpy within frequent qtz/sulfide veinlets cutting through foliation. Fine grain po disseminated throughout.
R12-31	45.50	53.30	Felsic Intrusive	Similar to above Felsic Intrusive unit from 41.83-43.70m. White/grey, med-coarse grain, granophyric, strongly fractured, mod-strong localized silicification. minor-mod localized k-spar flooding. From 50.25-53.30m: strongly silicified, w/ abundant, distinct, disseminated, f.g. silver/grey sericite alteration. Minor py>po,cpy within rare mineralized fractures, qtz veinlets within diorite. 1% localized py within rare, strongly foliated, biotite-rich intervals. Lower contact: sharp.
R12-31	53.30	55.25	Quartz Stockwork	White/grey/green, mod fractured, crystalline Quartz Stockwork vein (0.8m thickness) set in dark grey/black, strongly-intensely foliated biotite-rich groundmass. From 54.80-55.25: minor weathered, fractured, strongly-intensely foliated, biotite-rich groundmass w/ frequent: deformed, minor weathered qtz veins (<2cm thickness). 1-2% py>cpy within fractures of qtz vein. Minor-2% py>po,cpy within qtz/sulfide veinlets in foliated biotite-rich groundmass. Lower contact: sharp.
R12-31	55.25	56.74	Felsic Intrusive	Similar to above Felsic Intrusive unit from 45.50-53.30. med grain, granophyric, locally porphyritic. Mod-strong silicification. Strong localized kspar flooding gives localized intrusive clasts a bright pink/orange coloration. Becomes increasingly clastic near lower contact. Minor-1%py within sulfide veinlets in biotite-rich groundmass between intrusive clasts near lower contact. Lower contact: sharp.
R12-31	56.74	60.34	Metagabbro	Similar to above granofels/metagabbro unit from 43.70-45.50. Dark grey/brown-green, mod-strongly foliated, biotite-amphibole-rich metagabbro. Frequent, indistinct/blurry Felsic Intrusive clasts throughout (<10cm thickness). Clastic, grey/green, crystalline qtz vein @57.15m (20cm thickness. 1-2% py>po>cpy as open-space fillings within clastic qtz vein, rare, strongly epidote-altered qtz veins, frequent sulfide veinlets, and locally disseminated throughout. Up to 3% locally. Lower contact: sharp
R12-31	60.34	83.88	Felsic Intrusive	White/grey/brown, strongly fractured, med-coarse grained, granophyric qtz diorite intrusive swarm. Rare, f.g., green/black, sub-massive amphibole, biotite-rich metagabbro intervals (up to 0.70m thickness) present, some w/ , strongly epdiote/garnet-altered crystalline qtz veins. Mod-strong localized silicification common throughout dioritic regions. Minor-2% localized po, py, cpy in amphibole/biotite-rich fractures within qtz diorite. 1-2% v.f.g. po,cpy>py in epdiote/garnet-altered qtz veins, sulfide veinlets, disseminated patches within metagabbroic intervals. Lower contact: sharp.
R12-31	83.88	89.42	Metagabbro	Similar to above granofels/metagabbro unit from 56.74-60.34. Dark grey/brown-green, mod-strongly foliated, fine-med grain, biotite-amphibole-rich metagabbro. Frequent, indistinct/blurry, locally foliated, fractured, Felsic Intrusive clasts throughout (<0.50m thickness). Minor-2% po>cpy,py in smeared sulfide veinlets, f.g. disseminated patches, rare qtz/sulfide veinlets within silicified diorite clasts/intervals. Lower contact: strongly foliated, sharp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-31	89.42	94.30	Quartz Stockwork	Grey/green, mod-strongly fractured crystalline Quartz Stockwork vein (1.8m thickness) set within strongly-intensely foliated, f.g. biotite-rich groundmass. Minor, localized, red garnet, epidote alteration minerals present within fractures of qtz vein. Deformed, boudined, clastic qtz veins (<8 cm), increased sulfide veinlets, common in foliated groundmass @ upper contact w/ qtz vein. Lower contact of qtz vein marked by 20 cm, mylonitized Felsic Intrusive, and grades into mod foliated fine-med grain, biotite-amphibole-rich metagabbro. 1-3% po>py>cpy within f.g. sulfide veinlets, qtz veins near upper and lower contacts of unit. Minor-2% po,cpy, tr-minor py in garnet/epidote-altered fractures within Quartz Stockwork vein. Possible f.g. VG @ 90.96m, in garnet-altered pocket of qtz vein. Lower contact: sharp
R12-31	94.30	97.25	Felsic Intrusive	See description for Felsic Intrusive from 60.34-83.88m. Locally-strong silicification. Minor, localized k-spar flooding within fractures of more massive segment of intrusive @ 96.40m. Minor py>po,cpy. Lower contact: sharp
R12-31	97.25	115.16	Metagabbro	Similar to above granofels unit from 83.88-89.42: dark grey/green, fine-med grain, indistinctly mod-foliated, sub-massively textured amphibole-biotite-rich metagabbro, interlayered w/ rare, clastic/fractured Felsic Intrusive intervals (up to 1m thickness). Frequent grey/white crystalline qtz veinlets/veins (up to 2cm thickness) present at random orientations throughout. Ductile boudining and/or brittle enechelon fracturing of qtz veins/veinlets common throughout. 1-3% po>py,cpy in frequent sulfide veinlets, disseminated patches, and as open-space fillings within qtz veins/veinlets and fractures.
R12-31	115.16	143.17	Felsic Intrusive	See description for Felsic Intrusive from 60.34-83.88m. Localized silicification throughout, commonly w/ epidote/garnet, saussurite-altered, boudined, crystalline qtz veins, clasts. Fine-med grain, dark grey/green amphibole-biotite-rich metagabbro intervals present near upper and lower contacts. Minor po,py,cpy within dioritic intervals. Up to 2% localized py>po,cpy within rare epdiote/garnet-altered qtz veins. 1-2% po,cpy>py within frequent deformed qtz/sulfide veinlets, dissemianted patches within metagabbroic intervals. Lower contact: sharp.
R12-31	143.17	157.93	FW Gabbro	Grey/green, fine-coarse grain, feldspar-amphibole FW gabbro. F.g., biotite-rich, strongly foliated from 143.17-149.00m. Barren qtz veinlets/veins throughout, commonly w/ sausseritized selvages. Rare, localized, deformed, strongly garnet-altered clasts present near upper contact. From 150.25-151.00m: strongly silicified, white/pink/orange, f.g. Felsic Intrusive w/ strong kspar alteration. tr-minor localized po>cpy>py within rare altered clasts, rare mineralized qtz veinlets. EOH.
R12-32	0.00	1.00	Overburden	Dark brown soil w/ abundant organics mixture, grading into grey/brown clay w/ scattered organics. Minor oxidation near lower contact. No visible mineralization. Lower contact: gradational
R12-32	1.00	12.50	Regolith	Mod-intensely weathered, oxidized, mafic regolith. From 1.00-2.00m: intensely weathered, oxidized red clay. From 2.00-4.57m: Red/green, intensely weathered, oxidized, crumbled/fractured, w/ rare, red clay-rich intervals. From 4.57-12.5m: mod-strongly weathered, Red-blue/green colored mafic regolith. Strong hematite oxidation localized in veins/veinlets. No visible mineralization. Lower contact: fractured.
R12-32	12.50	55.08	Metagabbro	Light-dark grey/green, med-locally fine grain, variably foliated plagioclase-almphibole-ferromag metagabbro. Sub ophitic-ophitic, med grain intervals commonly minor foliated w/ 60-80% med grain, grey plagioclase and 20-40% dark green, f.g. anhedral amphibole+biotite. Ophitic textures commonly grad into f.g., sub-massively textured, mod-strongly foliated amphibole-rich fabrics, commonly w/ frequent biotite in bands and lenses. Transition from ophitic-foliated fabrics commonly clastic. Mod-localized silicification, wispy/blurry epidote-altered patches/veins present throughout f.g. foliated intervals. f.g. grey (1-2mm) alteration of dissemianted magnetite grains gives unit distinct, fine white/grey mottled/speckled appearance. Minor-2% py>po,cpy within smeared sulfide veinlets, sausseritized/epidote-altered qtz veins/clasts (<5.0 cm thickness), and within randomly oriented, minor-boudined, qtz veinlets (<1.0cm thickness). V.f.g. VG? in deformed qtz veinlet @ 31.79m. Some sulfidic qtz/sulfide veinlets w/ light blue/green-altered gangue. Lower contact: indistinct/gradational

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-32	55.08	59.21	Quartz Stockwork	fine grain, dark grey/black, mod fractured, mod-strongly silicified, biotite-magnetite-rich groundmass hosting frequent, randomly oriented crystalline Quartz Stockwork veins (up to 0.5m thickness), qtz-sulfide veinlets. Larger qtz veins collored mod fractured, green/light grey, w/ silicified, sub-mylonitized margins. Upper contact marked by distinct, strongly-intensely silicified interval w/ abun patchy + disseminated f.g. silver/grey sericite, black biotite alteration minerals (0.3m thickness). 1-3% po,cpy within frequent qtz/sulfide veinlets, Quartz Stockwork veins/veinlets. Lower contact: Gradational
R12-32	59.21	72.50	Metagabbro	fine-med grain, green, locally-minor foliated, amphibole-rich metagabbro, interlayered w/ silicified/blurred, brown/grey, Felsic Intrusive clasts. Felsic Intrusive intervals become increasingly common near lower contact. Biotite present in bands and lenses near margins of felsic clasts. 1-2% f.g. po>cpy>py disseminated throughout, within frequent sulfide veinlets, and rare, variably oriented Quartz Stockwork veins/veinlets (up to 2cm thickness). Up to 3% sulfides locally. Lower contact: Sharp.
R12-32	72.50	82.12	Felsic Intrusive	Grey/white, sharply contacted, strongly clastic/brecciated, granophyric, quartz diorite intrusive swarm set within f.g., dark green/grey, mod-strongly foliated, amphibole-biotite rich metagabbroic groundmass. Groundmass-rich intervals (up to 1.0m thickness) frequently contain clastic/deformed, epidote-altered, sausseritized qtz/sulfide veins/clasts, increased sulfides. Minor py,po,cpy within fractures of diorite intrusive. minor-2% po,cpy in f.g. disseminated patches, sulfide veinlets, and rare qtz veins (<2cm thickness) within f.g., mod-foliated groundmass. Lower contact: gradational.
R12-32	82.12	94.80	Felsic Intrusive	Strongly silicified, dark grey/white, indistinct med-coarse grain Felsic Intrusive swarm set within indistinct, strongly silicified feldspar/biotite-rich metagabbroic groundmass. From 91.00-94.80m: distinct f.g. silver/grey sericite alteration minerals disseminated throughout intensely silicified Felsic Intrusive. Minor-2% localized py,po,cpy in qtz veinlets and disseminated patches within foliated groundmass. Lower contact: sharp.
R12-32	94.80	99.20	Quartz Stockwork	Dark grey/clear to light grey/white crystalline Quartz Stockwork veins (up to 0.3m thickness) set within fine-med grain, dark grey/green, mod-strongly foliated, biotite-amphibole-rich, metgabbroic groundmass. Sausseritization of vein selvages common. Mylonitized fabrics common around margins of larger tz veins. From 96.95-98.2m: decreased Quartz Stockwork veins/veinlets. 1-3% po,cpy>py in qtz/sulfide veinlets, disseminated patches within groundmass. Minor-1% po,cpy within fractures of stockwork qtz veins. Up to 4% po,cpy locally within sulfide veinlets concentrated at outer margins of qtz veins. Possible VG grain in po,cpy sulfide veinlet @95.53m. Lower contact: sharp
R12-32	99.20	107.25	Felsic Intrusive	See above Felsic Intrusive description from 72.50-82.50m. Mod-strong localized pink/orange kspar alteration present, commonly in association w/ mod-strongly epidote altered, silicified veins. Minor py,po within rare mineralized fractures of diorite. Lower contact: sharp.
R12-32	107.25	113.94	Metagabbro	fine-med grain, green, locally-minor foliated, locally clastic, amphibole-rich metagabbro, interlayered w/ rare, silicified/blurred, brown/grey, Felsic Intrusive clasts. Biotite present in bands and lenses near margins of felsic clasts. 1-2% f.g. po>cpy>py disseminated throughout, within frequent sulfide veinlets, and rare, variably oriented Quartz Stockwork veins/veinlets (up to 2cm thickness). Up to 3% sulfides locally. Lower contact: Sharp.
R12-32	113.94	118.18	Felsic Intrusive	Grey/white, sharply contacted, strongly clastic/brecciated, granophyric, quartz diorite intrusive. Mod-strong localized silicification. Mod-localized epidote altered patches/veins. Minor py,po,cpy within fractures of diorite. White crystalline qtz vein (0.3m thickness) present near lower contact w/ 1-2% localized po,cpy,py within fractures.
R12-32	118.18	130.73	FW Gabbro	Grey/green, fine-med grain feldspar/amphibole footwall gabbro. Strongly foliated, w/ biotite common in bands/lenses. mod-strongly clastic near upper and lower contacts. Infrequent qtz veins, clasts)up to 10cm thickness) present throughout. Strongly epidote/garnet/diopside-altered, deformed clasts present near lower contact. Minor-2% po>py,cpy within mineralized qtz clasts/veins, localized sulfide vienlets and rare disseminated patches. Lower contact: sharp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-32	130.73	133.47	Felsic Intrusive	See above Felsic Intrusive description from 113.94-118.18m. Clastic margins. Mod-strongly fractured. Lower contact: indistinct
R12-32	133.47	139.60	FW Gabbro	See above FW gabbro description from 118.18-130.73m. Grades into Coarse grain, massive, homogenously textured feldspar/ferromag footwall gabbro. Minor-1% localized po,py,cpy within rare mineralized veinlets, disseminated patches. Barren qtz veins w/ sausseritized selvages common. Coarse grained regions w/ tr-minor sulfides. EOH
R12-33	0.00	0.50	Overburden	Dark brown soil/organics grading into minor oxidized, brown/red, sandy clay. No visible mineralization.
R12-33	0.50	5.49	Regolith	strongly-intensely weathered, mod-strongly oxidized mafic regolith. Frequent saturated, red, clay-rich intervals, commonly w/ assorted mafic regolith fragments, rare minor-mod stained qtz frags. No visible mineralization. Lower contact: fractured/fragmented
R12-33	5.49	40.96	Metagabbro	Light grey/green, med-coarse grain, locally clastic, ophitic, gabbro. 60-80% grey, subhedral plagioclase grains w/ 20-40% interstitial dark green, f.g. biotite-amphibole. Localized, f.g., mod-foliated, amphibole-biotite-rich zones/intervals common. Minor-mod localized epidote, rare garnet, alteration common in wispy veins/paches w/ sausseritized selvages. Patchy, localized,grey/white magnetite alteration throughout. From 37.30-40.96m: Dark grey/brown, mod-strongly foliated, fine-med grain, mod silicified, blurry, biotite-rich metagabbro interlayered with very indistinct felsic intrusive clasts. Minor-2%py,tr cpy,po within infrequent qtz/sulfide veinlets, Rare, randomly oriented (30-60deg to C.A) crystalline qtz veins (2-10cm thickness) throughout. Veins locally minor boudined w/ en echelon fracturing. Lower contact: indistinct/gradational
R12-33	40.96	43.40	Quartz Stockwork	Deformed, mod-strongly fractured, indistinct, dark grey/green, crystalline qtz veins (up to 0.3m thickness) set within mod-strongly foliated, silicified, biotite-rich groundmass. Margins of larger qtz veins commonly clastic w/ frequent boudined/deformed qtz/sulfide veins/veinlets. Mod-strong localized epidote/garnet/diopside alteration present within fractures of qtz veins, and deformed sulfide veinlets. 1-3% py, minor po,cpy within groundmass-hosted qtz/sulfide veinlets . Minor-2% py,cpy,po as open-space fillings within fractures of larger qtz veins. Lower contact: sharp, indistinct, marked by mottled/blured, grey qtz diorite intrusive.
R12-33	43.40	72.93	Metagabbro	Similar to above granofels/metagabbro unit from 5.49-40.96m. Light grey/green, med-coarse grain, mod-strongly clastic, locally ophitic, metagabbro. 40-80% grey, subhedral plagioclase grains w/ 20-60% interstitial dark green, f.g. biotite-amphibole. Localized, f.g., mod-foliated, amphibole-biotite-rich zones/intervals common. Minor-mod localized epidote/garnet, alteration common in wispy veins/paches. Patchy, localized, f.g. grey/white magnetite alteration throughout. Minor-2% po>py,cpy within infrequent qtz/sulfide veinlets, Rare, localized, randomly oriented (30-60deg to C.A) crystalline qtz veins (1-4cm thickness) throughout. Veins locally minor boudined w/ en echelon fracturing. Lower contact: indistinct/gradational
R12-33	72.93	78.45	Quartz Stockwork	Dark grey/brown, fine-med grain, mod-strongly foliated, strongly silicified, biotite-rich groundmass supporting white, clastic, fractured, crystalline qtz stockwork veins (1-5cm thickness near upper and lower contacts, with rare veins up to 60cm thickness near center of unit). Rare, very indistinct, relict? dark grey, felsic intrusive intervals? common at upper and lower contacts of unit. Minor-1% py>po,cpy, magnetite, present within fractures of crystalline qtz veins. 1-2% po>cpy,py in indistinct qtz/sulfide veinlets, disseminated patches within groundmass. Up to 3% locally. Lower contact: Gradational/indistinct.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-33	78.45	105.70	Felsic Intrusive	Med-coarse grain felsic intrusive swarm set within fine-med grain, locally mod-strongly foliated, dark grey-dark green, amphibole,biotite-rich metagabbro. Felsic Intrusives range from brown/white, granophyric, blurry/silicified, mod-foliated w/ indistinct contacts to White/black, porphyritic, unfoliated, w/ sharp/distinct contacts. From 99.7-104.14m: Minor-mod kspar altered felsic intrusive intervals bounding fine-med grain, dark grey/black, mod-strongly silicified, biotite-rich metagabbro w/ abundant sulfides disseminated throughout, and within frequent qtz/sulfide veinlets. From 89-93.5m: f.g, dark grey, massively textured mafic dikes interlayered w/in felsic intrusive intervals. Minor-2% po,py,cpy within infrequent qtz/sulfide veinlets, rare qtz veins. 1-3% po,cpy present within frequent qtz/sulfide veinlets from 99.7-104.14m. Lower contact: sharp.
R12-33	105.70	110.00	Metagabbro	Fine-med grain, locally mod-strongly foliated, dark grey-dark green, amphibole,biotite-rich metagabbro. Locally mod silicification. Rare, deformed, indistinct, brown/white felsic intrusive clasts present near upper contact of unit. Infrequent, clastic, light grey-white, crystalline qtz veins present throughout. (up to 25cm thickness). Minor-2% localized py,minor cpy,po within fractures of qtz veins (commonly w/ epidote alteration). Minor-2% f.g. po>cpy>py in frequent, deformed qtz/sulfide vienlets, disseminated patches throughout. Lower contact: indistinct.
R12-33	110.00	118.29	FW Gabbro	Dark-light green/grey, fine-coarse grained, mod-strongly foliated amphibole-feldspar FW gabbro. Indistinct upper contact is mod-strongly sheared, strongly foliated, w/ abundant biotite in folia-oriented bands and lenses. Localized, patchy white albite alteration common in coarser grained intervals. Sausseritized qtz veins/veinlets, Rare, sharply contacted felsic intrusive intervals (<20cm), and barren epidote/garnet-altered qtz clasts/veins present in finer grained, biotite-rich, foliated intervals. Minor-1% po>cpy,py within f.g. foliated intervals near upper contact. tr-minor sulfides w/in coarse grained, sub-massively textured intervals lear lower contact. EOH.
R12-34	0.00	1.44	Overburden	Dark brown soil/organics grading into red-clay w/ infrequent organics. No visible mineralization. Lower contact: gradational
R12-34	1.44	8.20	Regolith	Intensely weathered, oxidized, mafic regolith. Localized, intensely fractured/crumbled intervals and saturated sapprolite/clay-rich intervals common near surface. No visible mineralization. Lower contact: sharp, mod-strong orange stained (weathered silicification?) regolith into qtz frags.
R12-34	8.20	10.92	Quartz Stockwork	Abundant minor-strongly stained crystalline qtz frags. 1-4cm diameter. No visible mineralization. Tr-minor, patchy, light green coloration present in some qtz frags. Lower contact: fractured. Sharp, qtz frags into mod-strongly weathered regolith.
R12-34	10.92	17.04	Regolith	Mod-strongly weathered, green/red mafic regolith. Mod-strongly oxidized hematite common in veinlets, patches. From 13.6-13.90m: Mod-strongly stained, fractured, dark grey crystalline qtz vein w/ abundant hematite oxidation w/in fractures/patches. 1cm calcite vein cuts through qtz. From 13.90-17.04m: mod weathered, red/green, clastic w/ frequent minor-mod weathered, minor stained qtz-carb veinlets. Minor tarnished py, tr cpy + distinctly silver metallic mineral within fractures of 0.3m qtz vein. Lower contact: sharp.
R12-34	17.04	36.06	Metagabbro	Dark grey/green, Fine-coarse grain, variably foliated biotite-amphibole-feldspar metagabbro. Locally clastic, coarse grain, feldspar-rich, minor-mod foliated intervals w/ sub-ophitic textures commonly grade into fine grain, indistinct, mod silicified, mod-strongly foliated, amphibole-biotite-rich intervals. F.g. silicified intervals commonly w/ abundant blurry epidote/garnet-altered patches, veins and pale green sausseritized selvages. Fine-med grain, grey altered magnetite grains commonly disseminated throughout. Minor-2% py, tr cpy,po present in infrequent qtz/sulfide veinlets. Rare qtz veins (1-2cm true thickness) @ sub-parallel angles to core w/ up to 4% localized py. Lower contact: Gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-34	36.06	37.24	Felsic Intrusive	Light-dark grey, locally red/orange, med grain, mod-strongly fractured, granophyric felsic intrusive. Mod-strong silicification common throughout. Minor-mod Kspar? Alt increases in intensity downhole through unit. Fractures at sub-parallel angles to CA commonly filled w/ magnetite. Minor-1% py,po>cpy within rare mineralized qtz veins (<1cm) cutting through fabric, and within magnetite-rich fractures of intrusive. Lower contact: sharp.
R12-34	37.24	50.00	Metagabbro	Similar to above granofels/metagabbro unit from 17.04-36.06m. Fine-locally-coarse grained, variably foliated w/ mod-strong localized silicification, epidote/garnet alteration and sausseritization. Fine-coarse grained grey-altered magnetite alteration present in localized intervals throughout. Rare, indistinct, felsic intrusive clasts near upper contact. Widely spaced, qtz/sulfide veins (1-2cm true thickness) @ 20-30 deg to CA present w/ minor-mod epidote/garnet alteration. Minor-3% localized po>cpy>cpy within strongly epidote/garnet-altered qtz/sulfide veinlets. Up to 4% po>cpy as open-space fillings within qtz veins@20-30 deg to CA. Lower contact: gradational/indistinct.
R12-34	50.00	98.79	Metagabbro	Similar to above granofels/metagabbro units from 17.04-36.06m and 37.24-50.00m. Fine-coarse grained, minor-locally-mod foliated, ophitic feldspar-amphibole metagabbro. F.g. foliated intervals commonly w/ increased biotite in bands and lenses, and mod wispy/silicified epidote/garnet-altered veins/patches. med-coarse grained, wispy, grey alteration of magnetite localized throughout. Infrequent qtz/sulfide veinlets, rare qtz veins, (up to 10cm thickness) host minor-2% po,py>cpy. Py becomes more common in epidote/garnet altered qtz/sulfide veins/veinlets downhole through unit. Up to 3% py locally near lower contact. Lower contact: sharp
R12-34	98.79	110.32	Felsic Intrusive	White/grey, Mod-strongly silicified, blurry, qtz diorite intrusive swarm. Individual intrusive intervals range from 0.15-0.70m in thickness, and are set within dark grey/brown, fine-med grain, mod-foliated, mod silicified, biotite-rich metagabbro. Infrequent qtz veins/veinlets (up to 3cm thickness) present throughout fine grain biotite-rich intervals. From 108.4-110.32m: fine grain, intensely slilicified, sharply contacted microcrystalline qtz intervals present. mod-strong kspar alt? gives region bright pink/orange coloration. Minor-2% py,po>cpy within sulfide veinlets, disseminated patches, rare qtz veins (1-2cm thickness). Lower contact: clastic/indistinct
R12-34	110.32	124.05	Metagabbro	Light grey/green, med-coarse grain, mod-strongly clastic amphibole-feldspar metagabbro. Locally ophitic intervals commonly grade into f.g. anhedral amphibole-rich groundmass. Minor biotite relative to other granofels/metagabbro units. Minor-2% localized po,py>cpy within infrequent sulfide veinlets, qtz veins(up to 2cm thickness), and mod-strongly silicified epidote/garnet-altered veins/patches. Lower contact: sharp.
R12-34	124.05	129.58	Metagabbro	Dark grey/green, minor-mod foliated amphibole/biotite-rich metagabbro. Locally clastic. Textures. Dark grey/black, f.g. massively textured mafic dike intervals present near upper contact of unit (up to 0.9m thickness). Minor localized epidote/garnet alteration in veins/patches. Minor-2% po,py>cpy within sharply contacted crystalline qtz veins (up to 3cm thickness), localized sulfide veinlets and disseminated patches. Lower contact: indistinct/silicified
R12-34	129.58	131.05	Quartz Stockwork	dark/indistinct-grey/green, mod-strongly fractured crystalline qtz veins set in f.g, foliated, biotite-rich groundmass. Lighter colored veins commonly cut through dark/indistinct regions. Minor-localized garnet alteration present w/in indistinct veins. 1-4% po,py,cpy. Lighter colored qtz veins commonly contain coarse grain sulfides in veins. Dark/indistinct qtz veins w/ fine grain sulfides in fractures, and disseminated throughout. Lower contact: sharp.
R12-34	131.05	145.00	Metagabbro	Dark grey/green, med grained, locally minor-mod foliated, biotite-amphibole-rich metagabbro. Fine-med grain, strongly white/grey-altered magnetite grains disseminated throughout. Sharply contacted, minor boudined, locally fractured, variably oriented, minor mineralized qtz veins common throughout. Minor localized epidote alteration in wispy veins/patches. Minor-2% po>py,cpy within sulfide veinlets, disseminated patches, and localized in narrow portions of boudined qtz veins (up to 3cm thickness). Lower contact: sharp

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-34	145.00	148.43	Felsic Intrusive	White/brown/grey, mod silicified, sharply contacted qtz diorite intrusive. Upper and lower contacts are minor fractured, minor albite-altered, med-coarse grained w/ porphyritic textures. Center of unit is mod-strongly fractured, strongly albite altered, silicified, w/ patchy, granophyric textures. Minor-non foliated throughout. Minor sulfides w/in porphyritic intervals, 1-2% localized po>py, tr cpy in fractures/disseminated patches within granophyric intervals. Upper and lower contacts @ sub-parallel angle to C.A. Lower contact sharp.
R12-34	148.43	157.62	FW Gabbro	Fine-coarse grained, dark-light grey/green, locally-massive textured feldspar-amphibole footwall gabbro. Biotite common near foliated upper contact. Barren, randomly oriented, ductile-deformed qtz veins (up to 4cm thickness) common throughout, often w/ pale green/blue sausseritized selvages. Rare, sharply contacted, porphyritic diorite intrusive intervals present (up to 10cm thickness). From 151.7-152.6m: strongly ductile-deformed, garnet/epidote-altered, qtz vein/clasts w/ sausseritized selvages. Tr-minor localized po,py,cpy in rare mineralized qtz veins, altered selvages of garnet-epidote altered qtz vein. EOH
R12-35	0.00	0.35	Overburden	Brown/red soil/clay/organics mixture
R12-35	0.35	15.07	Regolith	Mod-intensely weathered, oxidized mafic regolith. Strongly-intensely fractured/crumbled intervals common throughout. From 10.37-15.09m: mod-strongly weathered, w/ minor-mod localized hematite oxidation, qtz carb in veinlets, fractures, patches. No visible sulfides.
R12-35	15.07	17.09	Regolith	Aqua blue/green altered, strongly weathered mafic regolith w/ minor hematite oxidation in localized patches. Minor stained qtz/carb vein frags common. Tr py, aspy? Within qtz-carb veinlets. Lower contact: sharp.
R12-35	17.09	67.83	Metagabbro	Light grey/green, locally clastic, locally minor-mod foliated, feldspar-amphibole metagabbro. Ophitic textures common throughout w/ medium-coarse grained subhedral feldspar grains and f.g., dark green anhedral amphibole. Ophitic textures commonly grade into fine-med grain, minor-mod foliated, amphibole-biotite-rich intervals w/ increased biotite. F.g, foliated intervals commonly w/ minor silicification, and mod epidote/garnet-altered patches, veins. Patchy, fine-coarse grain, white/grey-altered magnetite common throughout. Infrequent, variably oriented qtz veins/veinlet (20-80 deg to CA) present throughout (up to 5 cm thickness). Minor-2% py>po,cpy within infrequent qtz/sulfide veinlets, variably oriented qtz veins, and epidot/garnet-altered veins/patches. Py is most common sulfide mineral in larger qtz veins. Up to 3% localized py in qtz veins/sulfide veinlets near upper contact. Lower contact: grad.
R12-35	67.83	84.73	Metagabbro	Dark-light grey/green, fine-med grain, mod-foliated, amphibole-biotite-rich metagabbro. Minor-mod silicification present throughout. Frequent mod-stong epidote, minor garnet altered veins/patches. Minor-3% po,py, minor cpy within locally frequent sulfide veinlets, and infrequent, variably oriented, sharply contacted, white/grey crystalline qtz veins. Lower contact: sharp
R12-35	84.73	102.43	Metagabbro	Dark-light grey/green, med-coarse grained, locally ophitic, clastic feldspar-amphibole metagabbro. Localized biotite w/in localized, f.g., mod-foliated intervals. Rare, white/grey, med-coarse grained, porphyritic to granophyric, variably silicified felsic intrusive intervals present throughout (up to 0.35m thickness). Mod-localized pink/orange Kspar alteration + grey/silver sericite alteration present w/in strongly silicified intrusive intervals. Qtz veins common throughout, ranging from light grey/white, sharply contacted, barren, and undeformed to grey/green, silicified/blurry, mineralized, and boudined/fractured. Mod localized epidote alteration common in blurry/wispy silicified patches, veins. Minor-2% py>po,cpy w/in qtz veins, epidote-altered patches/veins. Minor-1% f.g, localized po,cpy disseminated w/in silicified patches, deformed qtz/sulfide veinlets. Lower contact: sharp

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-35	102.43	110.83	Felsic Intrusive	White/brown/grey, med-coarse grained, porphyritic to granophyric felsic intrusive swarm. Porphyritic intrusive interals commonly w/ sharp contacts, minor silicification, minor-mod fractured/clastic. Granophyric intrusive intervals commonly blurred/sulicified, locally foliated, strongly fractured/clastic w/ indistinct contacts. Localized crystalline qtz veins/clasts present locally throughout. F.g., submassively textured, feldspar, amphibole-rich intervals present throughout, commonly w/ deformed, felsic intrusive/qtz vein clasts. Minor-1% localized po,cpy,py w/in fractures of qtz diorite. Rarely up to 2% localized po,py,cpy w/in mineralized qtz veins cutting through intrusive. Lower contact: clastic
R12-35	110.83	115.25	Quartz Stockwork	white/grey to dark grey/green, fractured, locally clastic, crystalline qtz veins (up to 0.6m thickness) set w/in clastic, fine-med grain andhedral feldspar, biotite-rich groundmass (from 110.83-113.59m). From 113.59-115.25m: frequent deformed, variably oriented qtz veins w/ minor sulfides, commonly associated w/ sharply contacted, deformed, felsic intrusive intervals. Minor-2% localized, f.g. po,cpy + abundant magnetite w/in fractures of dark green/grey, indistinct qtz veins from 110.83-113.59m. Minor-1% po,cpy w/in rare, groundmass hosted sulfide veinlets from 113.59-115.25m. Lower contact: silicified/indistinct.
R12-35	115.25	135.80	Felsic Intrusive	See description for above felsic intrusive interval from 102.43-110.83m. Lower contact: sharp
R12-35	135.80	139.33	FW Gabbro	Fine grain, strongly foliated, sheared, biotite-amphibole-rich FW gabbro contact zone. Frequent deformed, barren, crystalline qtz veins/clasts w/ strongly sausseritized selvages. Tr-minor py w/in rare mineralized patches. EOH.
R12-36	0.00	1.10	Overburden	Dark brown soil/organics mixture grading into strongly oxidized, weathered red clay. Lower contact: gradational
R12-36	1.10	12.19	Regolith	strongly-intensely weathered, oxidized, mafic regolith. Red, clay-rich intervals common near upper contact. Locally frequent qtz-carb veinlets common w/in strongly weathered intervals, commonly w/ mod hematite-oxidized patches, veinlets. Lower contact: gradational.
R12-36	12.19	16.13	Regolith	Mod-strongly weathered, locally mod oxidized, aqua green/blue mafic regolith. Mod-strong hematite oxidation common in patches, veins/veinlets. Qtz-carb veinlets/veins present throughout. Minor, dull bronze/silver, cubic py w/in weathered qtz-carb veins/veinlets. Lower contact: gradational
R12-36	16.13	26.18	Metagabbro	dark grey/green, med grain, feldspar-amphibole metagabbro. Minor localized foliation, commonly w/ biotite in bands/lenses. Minor-mod silicification throughout gives unit indistinct, blurred appearance. Localized epidote/garnet alteration present within blurred veins, patches. Minor localized white/grey alteration of magnetite grains present throughout. Infrequent qtz veins (up to 5cm thickness), qtz/sulfide veinlets present throughout. Locally-minor weathered/fractured w/ green/blue talc/chlorite-healed fracts. Minor-1% py within qtz/sulfide veinlets, veins. Minor-1% po>cpy w/in f.g. disseminated patches w/in silicified, altered patches. Up to 2% locally. Lower contact: sharp
R12-36	26.18	33.20	Metagabbro	light grey, fine-med grain, mod foliated, mod-strongly clastic, feldspar-biotite-rich metagabbro. Mod-locally-strong silicification gives unit indistinct appearance. Indistinct/silicified, locally deformed, variably oriented qtz veins/veinlets present. Two intensely silicified, white/grey/green qtz veins (up to 0.3m thickness) present near lower contact. Minor-2% py,po>cpy w/in qtz/sulfide veins/veinlets, fractures of rare mineralized qtz veins, and f.g. localized disseminated patches. Large qtz veins near lower contact contain minor py/po within fracts. Lower contact: indistinct.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-36	33.20	39.91	Metagabbro	Dark grey, fine-med grain, indistinctly textured, locally mod-strongly foliated, biotite-rich metagabbro. Mod-strong silicification localized throughout. Rare, localized epidote/garnet-altered veins/patches. Variably oriented, fractured, locally deformed, clastic, crystalline qtz veins/veinlets (up to 5 cm thickness) present throughout (Commonly @ 20-30 deg to C.A). 1-3% fine-med grain po>cpy, py within frequent qtz/sulfide veinlets and disseminated patches. Up to 4% med-coarse grained py>po,cpy as open-space fillings/sulfidic masses within crystalline qtz veins. White, patchy, carbonate present in rare mineralized qtz veins. Lower contact: sharp: sharp
R12-36	39.91	41.00	Quartz Stockwork	Strongly fractured, variably oriented (20-50 deg to C.A.) crystalline qtz stockwork veins (up to 0.2m true thickness) set within f.g, silicified, biotite-rich groundmass. 1-2% fine-med grain po,cpy>py present in rare, groundmass-hosted sulfide veins. 2-4% med-very coarse grained py>po,cpy within fractures of crystalline qtz veins. Darker colored portions of qtz veins tend to host highest concentrations of sulfide minerals. Lower contact: sharp
R12-36	41.00	48.75	Metagabbro	Light-dark grey, fine-med grain, locally clastic, locally mod-strongly foliated, biotite-rich metagabbro. Abundant biotite present in large foliated bands/lenses (up to 5cm thick) near lower contact. Infrequent, variably oriented, light grey-white qtz veins (up to 3 cm thickness) present throughout. From 45.85-46.2m: Dark brown, deformed, massive po>>py>cpy vein (5cm true thickness) @ 20 deg to C.A. 1-2% po>cpy,py disseminated throughout, and within locally frequent qtz/sulfide veinlets. Up to 10% locally within massive po>>py>cpy vein. Lower contact: sharp.
R12-36	48.75	87.27	Metagabbro	Dark grey, fine-coarse grained, variably textured, locally foliated, biotite-magnetite-rich metagabbro. Fine-med grain foliated intervals present throughout, commonly w/ increased biotite, minor-mod silicification, and locally abundant wispy epidote/garnet-altered veins/patches. Rare, clastic, coarse grained ophitic intervals present. White/grey alteration of disseminated, fine-med grain magnetite common throughout unit. Minor-3% po>cpy,py present w/in variably oriented qtz/sulfide veinlets, localized disseminated patches, localized qtz veins (up to 2cm thickness), and rare, strongly epidote-altered, fractured/deformed crystalline qtz veins. From 60.90-65.10m: Mod-locally-strong silicification w/ abundant, mod-strongly epidote-altered patches, veins w/ increased po,cpy w/in sulfide veinlets and disseminated patches. Lower contact: sharp
R12-36	87.27	92.55	Quartz Stockwork	Light grey/white to dark grey/indistinct crystalline qtz veins (Up to 0.6m thickness) set in variably textured, fine-med grain, minor-strongly foliated, mod-strongly sheared, biotite-rich groundmass. Minor-mod localized epidote alteration in smaller qtz veins (>2cm thickness). 1-4% fine-coarse grained po>py,cpy w/in abundant variably oriented qtz/sulfide veinlets, disseminated patches, and dark grey/indistinct qtz veins. Minor localized py,po,cpy within crystalline qtz vein (0.6m thickness) at upper contact of unit. Lower contact: indistinct, gradational
R12-36	92.55	102.77	Metagabbro	Grey/green, fine-coarse grained, locally ophitic, locally minor-mod foliated amphibole-feldspar metagabbro. Biotite, magnetite common w/in f.g. foliated intervals. Transition from ophitic to foliated textures commonly clastic. Infrequent grey-white crystalline qtz veins (Up to 7cm thickness) present throughout at 30-50 deg to CA. Minor localized, light-green epidote alteration present w/in rare, pocky/minor weathered qtz/sulfide veins/patches From 97.34-97.80m: f.g., sharply contacted, submassively textured amphibole-biotite-magnetite-rich mafic dike. Minor-2% po>py,cpy in infrequent qtz sulfide veins/veinlets, disseminated patches. Lower contact: sharp
R12-36	102.77	106.46	Quartz Stockwork	Grey/green to grey/white, clastic, variably oriented crystalline qtz veins (Up to 0.3m thickness) set in f.g., strongly foliated, mod-strongly silicified, biotite-rich groundmass. Minor-3% fine-coarse grained po>py,cpy in frequent variably oriented qtz/sulfide veinlets, and disseminated patches w/in groundmass. 1-2% po>cpy>py within pale grey/green crystalline qtz veins. Minor po,cpy,py w/in white/grey qtz veins. Lower contact: indistinct, gradational

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-36	106.46	121.95	Metagabbro	dark grey-grey/brown, fine-med grain, variably foliated, variably textured, biotite-rich metagabbro. Locally coarse grained, ophitic textures present near upper contact. Infrequent crystalline qtz veins present throughout (up to 7cm thickness) From 109.75-114.55: dark grey/brown, mod-strongly foliated, clastic, biotite-rich metagabbro w/ minor weathering along fractures and within sulfide veinlets. Minor-2% po>py,cpy w/in infrequent qtz/sulfide veinlets, f.g. disseminated patches, and within fractures of rare crystalline qtz veins. Lower contact: sharp.
R12-36	121.95	123.13	Felsic Intrusive	white/grey/brown, coarse grained, porphyritic, sharply contacted qtz diorite intrusive. Minor localized py w/in fractures of diorite. Lower contact: sharp
R12-36	123.13	139.44	Metagabbro	Dark grey/green, fine-med grain, indistinctly textured, clastic, locally mod-strongly foliated, biotite-rich metagabbro. Mod-strong silicification localized throughout. Coarse grained, strongly fractured, felsic intrusive clasts (rarely up to 0.6m thickness) common throughout unit. Minor-2% po>py,cpy w/in locally frequent qtz/sulfide veinlets, disseminate patches, and sharply contacted qtz veins (up to 2cm thickness) Up to 3% localized sulfides present in sulfide veinlets along margins, and within fractures of felsic intrusive clasts. Lower contact: indistinct.
R12-36	139.44	144.96	Quartz Stockwork	White-grey/green crystalline qtz stockwork veins (up to 1.00m thickness) set within fine-med grain, grey, clastic, biotite-feldspar groundmass. Biotite common in large bands (up to 5cm thickness) along margins of qtz veins. Minor-mod localized epidote/garnet alteration along fractures w/in grey/green portions of qtz veins. From 144.00-144.96: Qtz veins accompanied by mod-strongly silicified, white/grey/brown qtz diorite intrusive clasts. Minor-3% fine-med grain po>cpy,py w/in fractures of grey/green regions of qtz stockwork veins, and in frequent, variably oriented qtz/sulfide veins/veinlets (up to 2cm thickness) w/in silicified groundmass. Lower contact: clastic
R12-36	144.96	154.88	FW Gabbro	Grey/green, fine-coarse grained, amphibole-feldspar footwall gabbro. Mod-strongly foliated, clastic near upper contact w/ frequent, deformed, epidote/garnet altered veins/clasts. Medium-coarse grained regions display submassive-massive equigranular textures. Variably oriented, fractured/deformed barren qtz veins (up to 0.3m) common throughout. tr-minor po,py,cpy w/in rare mineralized epidote/garnet-altered qtz veins. Up to 1% po,cpy,py near foliated, clastic upper contact. EOH
R12-37	0.00	0.61	Overburden	Dark brown soil, organics mixture grading into light brown clay. Lower contact: gradational
R12-37	0.61	4.27	Regolith	Intensely weathered, oxidized, red clay w/ frequent, strongly weathered mafic regolith frags. Rare qtz frags randomly scattered throughout. Lower conbtact: gradational
R12-37	4.27	13.46	Regolith	Red/green, med grain, mod-locally strongly weathered, oxidized mafic regolith. Mod-weathered regions are clastic w/ are ophitic textures, frequent red hematite oxidation in patches and veins, and infrequent qtz-carb veinlets. No visible mineralization. Lower contact: sharp, fractured
R12-37	13.46	72.41	Metagabbro	Variable unit. Grey-dark grey/green, fine-coarse grain, clastic, feldspar-amphibole metagabbro. Locally ophitic textures common throughout. Minor-strong localized foliation common throughout, commonly w/ increased biotite, minor-mod silicification, and wispy/silicified epidote/garnet-altered veins/patches. Patchy, white/grey alteration of med-coarse grain magnetite grains localized throughout, commonly in regions w/ increased epidote/garnet alteration. Infrequent, white/grey, indistinct, fractured/clastic, blurred/silicified, indistinctly contacted felsic intrusive intervals (<0.2m thickness) present in regions w/ finer grained, sub-massive, amphibole-rich groundmass. Minor-2% po, py>cpy within infrequent qtz/sulfide veinlets, localized f.g. disseminated patches. Up to 3% localized po,py>cpy in rare, scattered, variably oriented, fractured/deformed crystalline qtz veins. Lower contact: sharp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-37	72.41	82.85	Quartz Stockwork	White-green/grey-dark grey, mod-strongly fractured, locally clastic, crystalline qtz stockwork veins set in f.g., mod-strongly foliated, biotite-rich groundmass. From 72.41-73.70m: Grey/green, strongly fractured, strongly clastic qtz stockwork vein. Clastic ribbon qtz common in biotite-rich groundmass along margins of qtz vein. 2-3% po>py,cpy w/in fractures of qtz stockwork, and in clastic ribbon qtz veins along margins of qtz stockwork. From 73.10-77.10m: Submassive, white, crystalline qtz vein w/ minor-1% py,po,cpy in fractures of qtz vein. From 77.10-82.85m: numerous, strongly clastic, fractured, grey/green-dark grey qtz stockwork veins/clasts (up to 0.7m thickness) set in strongly-intensely foliated, biotite-rich groundmass. up to 3% po,py,cpy as open-space fillings w/in qtz stockwork . 3-5% po,py,cpy w/in abundant qtz/sulfide veins/veinlets within biotite-rich groundmass. Lower contact: sharp, foliated
R12-37	82.85	97.43	Metagabbro	Dark grey, fine-locally med grain, minor-locally mod-foliated, biotite-magnetite-rich metagabbro. Patchy, localized, silver/grey, disseminated sericite alteration present throughout unit, commonly w/ mod-strong silicification. From 95.83-96.92m: dark grey/green, clastic, crystalline qtz vein (0.55m) overlying light grey, minor-mod foliated, intensely sericite-altered interval. Minor-2% po>cpy,py w/in sulfide veinlets, variably oriented, deformed qtz veins (commonly <2cm thickness). Up to 3% localized po>cpy w/in qtz vein and strongly-intensely sericite altered interval from 95.83-97.43. Lower contact: indistinct.
R12-37	97.43	110.56	Metagabbro	Dark grey/green, fine-med grain, locally minor-mod-foliated, amphibole-biotite-rich metagabbro. Minor-localized epidote alteration common throughout in veins/patches. Mod silicification common near lower contact. Mod-strong white/grey alteration of f.g. disseminated magnetite grains increases downhole through unit. Minor-3% po>py,cpy in locally abundant sulfide veinlets, infrequent variably oriented, deformed qtz veins/clasts (commonly <2cm), and disseminated throughout silicified regions near lower contact of unit. Lower contact: Gradational.
R12-37	110.56	113.56	Metagabbro	Light grey, med grained, Feldspar-biotite-rich metagabbro. Minor-mod localized foliation present in biotite-rich intervals. Minor weathering present in grey/green qtz vein (4cm thickness) @ upper contact of unit. Minor-mod localized white/grey alteration of fine-med grain disseminated magnetite grains. Lower contact: Gradational.
R12-37	113.56	124.84	Metagabbro	Dark grey, fine-med grain, mod-strongly clastic, locally mod-foliated biotite-magnetite-rich metagabbro. Mod-strong localized silicification common throughout. Minor-3% po>cpy,py w/in frequent, variably oriented sulfide veinlets/fractures, localized smeared disseminated patches, and frequent, clastic/deformed, boudined qtz/sulfide veins (Up to 2cm thickness). Lower contact: sharp, clastic.
R12-37	124.84	131.03	Quartz Stockwork	Dary grey/green-white/brown, clastic/fractured crystalline qtz stockwork veins (up to 1.00m thickness) set in f.g.clastic, dark grey, mod-locally strongly foliated, biotite-rich metagabbro. White/brown, strongly-intensely silicified, fractured, locally-mod foliated qtz diorite intrusive intervals (up to 15cm thickness) commonly bounding qtz stockwork veins. Minor-mod localized epidote/garnet alteration present in some qtz stockwork veins. From 126.95-127.08m: Mod-strong localized kspar alteration present in f.g., sharply contacted, fractured, granophyric felsic intrusive. Minor-3% po>cpy,py as open-space fillings w/in fractures of qtz stockwork veins and in frequent variably oriented sulfide veinlets/fractures, boudined qtz/sulfide veins (up to 2cm thickness), and disseminated patches w/in foliated, silicified groundmass. Lower contact: sharp.
R12-37	131.03	171.03	FW Gabbro	Light grey/green, fine-coarse grained amphibole-feldspar footwall gabbro. Foliated, sheared, f.g. textures common near upper contact, and localized shear zones throughout unit. Coarse grained intervals w/ massive, homogenous textures. Ophitic textures present in regions w/ increased amphibole. tr-minor po,cpy,py in rare mineralized, variably oriented qtz veins. Up to 1% localized po,py,cpy w/in sausseritized patches, veins near upper contact, and within localized shear zones. EOH.
R12-38	0.00	0.61	Overburden	Dark brown soil/organics mixture grading into intensely weathered, oxidized red clay. No visible mineralization

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-38	0.61	2.74	Regolith	Intensely weathered, oxidized red clay w/ rare regolith frags. No visible mineralization
R12-38	2.74	18.10	Regolith	Red-Dark green, mod-intensely weathered, oxidized mafic regolith. Locally strongly-intensely fractured/crumbled. Mod-weathered intervals commonly dark green, med grain, clastic w/ mod-strong hematite oxidation in veins/patches and rare qtz-carb veinlets. No visible mineralization. Lower contact: fractured
R12-38	18.10	61.43	Metagabbro	Dark grey/green, med grain, biotite-amphibole-feldspar metagabbro. F.g. magnetite common throughout. Localized coarse grain ophitic intervals localized throughout, commonly grading into f.g., foliated, biotite-, amphibole-rich intervals. Minor localized silicification commonly gives unit an indistinct/blurry appearance. Mod localized epidote/garnet alteration common throughout in wispy patches and infrequent, clastic veins/veinlets. Minor-2% po,py>cpy w/in infrequent qtz/sulfide veinlets, variably oriented, blurry/grey qtz veins (up to 2cm thickness), and localized disseminated patches. Rarely up to 3% localized po>cpy,py w/in clastic/deformed sulfide veins. Lower contact: indistinct/fractured.
R12-38	61.43	67.00	Felsic Intrusive	Qtz diorite intrusive swarm. Dark grey, mod foliated, biotite-rich groundmass supporting indistinct, coarse grained, silicified, white/grey, fractured/clastic qtz diorite intrusives (up to 15cm thickness). Minor-2% po>py w/in infreqent, variably oriented qtz/sulfide veinlets w/in biotite-rich groundmass, and rarely w/in qtz diorite intrusive clasts. Lower contact: sharp
R12-38	67.00	87.58	Granofels	See above granofels from (18.10-61.43m). Lower contact: Indistinct.
R12-38	87.58	95.04	Felsic Intrusive	Qtz diorite intrusive swarm. White/grey/brown, foliated, med-coarse grained, granophyric qtz diorite clasts w/in f.g. biotite-rich groundmass w/ frequent epidote/garnet-altered patches, veins.. Minor-2% Po>py,cpy w/in qtz/sulfide veinlets, epidote/garnet-altered qtz veins (up to 5cm thickness).
R12-38	95.04	97.44	Granofels	See above granofels from 18.10-61.43m and 67.00-87.58m. Lower contact: clastic/variable
R12-38	97.44	105.23	Quartz Stockwork	Light grey/white-dark grey/indistinct crystalline qtz stockwork veins (up to 3m thickness) set in f.g, silicified, clastic, minor-mod foliated biotite-rich groundmass. Lighter colored, more massive qtz veins present in upper portion of unit, becoming increasingly fractured, clastic, and darker in color w/ depth. Mod localized, silicifed/wispy epidote alteration common in veins/patches w/in groundmass. From 103.20-103.60m: Mod-strongly epidote-altered, minor weathered, pocky qtz vein. 1-4% po>cpy,py as open-space fillings w/in fractures of clastic, darker colored qtz stockwork veins, groundmass-hosted qtz/sulfide veinlets, and disseminated patches. Lighter colored, more massively textured qtz veins near upper contact typically host minor-1% py>po>cpy. Lower contact: sharp
R12-38	105.23	108.52	Granofels	Grey/green, f.g., massively textured, non-foliated, sharply contacted amphibole-feldspar dike? Increased biotite concentrations present @ upper and lower contacts w/ clastic qtz stockwork veins. Minor-1% f.g. disseminated po,py throughout, and in infrequent sulfide veinlets.
R12-38	108.52	112.26	Quartz Stockwork	Dark grey, strongly clastic/fractured crystalline qtz stockwork veins (up to 0.65m thickness) set w/in f.g., mod silicified, mod foliated, biotite-rich groundmass. Largest veins strongly-intensely epidote altered w/ minor-mod localized weathering in vein-hosted fractures. 1-3% po>cpy>py w/in frequent groundmass hosted, variably oriented qtz/sulfide veins and disseminated patches. 1-2% py>>po,cpy w/in epidote-altered veins. Lower contact: sharp.
R12-38	112.26	115.12	Granofels	See above granofels unit from 105.23-108.52m. Localized foliation present w/ biotite in bands and lenses. Lower contact: indistinct. Minor-2% f.g. disseminated po,py throughout, and in infrequent sulfide veinlets. Up to 4% locally w/in clastic sulfide veinlet

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-38	115.12	122.62	Quartz Stockwork	Dark-light grey-locally green, locally white, strongly fractured, crystalline qtz stockwork veins (up to 1.4m) set in w/in f.g., strongly silicified, strongly foliated, clastic, biotite-rich groundmass. Margins of veins strongly-intensely clastic w/ abundant qtz/sulfide veins, clasts. Minor grey/blue sericite alteration localized w/in strongly foliated groundmass. 3-10% (up to 20% locally) po>cpy, minor py as open-space fillings w/in fractures of qtz stockwork veins, and within variably oriented groundmass-hosted fractures, sulfide/qtz veins and disseminated patches. From 119.30-122.62m: localized, massive po>>py,cpy intervals (up to 10cm thickness) present w/in fractured qtz stockwork veins. Minor carbonate veining present w/in massive po segments, along w/ minor, multi-colored/tarnished (blue/green/purple/red) metallic minerals. Large py cubes (up to 2cm diameter) present w/in more cpy/py-rich massive segments near lower contact. Lower contact: sharp.
R12-38	122.62	135.40	Metagabbro	Dark green/grey, f.g, mod-strongly foliated, amphibole-biotite-rich metagabbro. Locally brown/grey, clastic, strongly foliated, fine-med grain, variably textured biotite-albite-altered intervals present throughout, commonly associated w/ increased, clastic, deformed qtz/sulfide veins. (commonly <10 cm thickness). Minor-2% localized po>py>cpy in qtz/sulfide veins w/in clastic/deformed, foliated, biotite-albite-altered intervals. From 130.15-130.62: dark grey, indistinct, intensely silicified, fractured qtz vein w/ up to 5% po, minor py,cpy as open-space fillings w/in fractures of vein. Lower contact: sharp
R12-38	135.40	144.00	Quartz Stockwork	Dark-light grey, fractured/clastic crystalline qtz stockwork veins (up to 2m thickness) set w/in dark grey, strongly silicified, biotite-rich groundmass. Qtz stockwork veins commonly bounded by ribbon qtz, and indistinctly contacted, clastic/fractured, locally strongly foliated, strongly-intensely silicified, locally minor k-spar-altered qtz diorite intrusive clasts/intervals. Strong, distinct, fine-med grain, silver/grey sericite alteration disseminated throughout biotite-rich groundmass. Large magnetite clots/patches (up to 2cm diameter) common w/in open-space fillings of qtz stockwork veins. 1-6% po>cpy,py as open-space fillings w/in qtz stockwork veins, and in abundant groundmass-hosted qtz/sulfide veins/veinlets, disseminated patches. Lower contact: sharp.
R12-38	144.00	145.73	Granofels	See above Granofels unit from 122.62-135.40m. Mod-strongly foliated w/ biotite in bands/lenses. Minor-2% localized po>py>cpy in qtz/sulfide veinlets, infrequent clastic qtz veins (up to 3cm thickness). EOH
R12-39	0.00	0.76	Overburden	Dark brown soil, organics mixture grading into intensely weathered red clay. Lower contact: Gradational
R12-39	0.76	15.20	Regolith	Strongly-intensely weathered/oxidized mafic regolith. From 0.76-7.01m: Intensely weathered/oxizided red clay. Locally saturated intervals common w/ increased regolith rock frags. Rare, strongly weathered, strongly fractured/crumbled, mafic regolith intervals present. From 7.01-14.02m: Dark red/green, locally strongly fractured/crumbled, w/ mod hematite oxidation in patches and veins. From 14.02-15.20: Green/blue, mod-strongly weathered, fractured, minor oxidized mafic regolith w/ rare weathered qtz/carb veinlets. No visible mineralization. Lower contact: sharp
R12-39	15.20	45.61	Metagabbro	Light grey/green, fine-coarse grained, locally ophitic feldspar-amphibole metagabbro. Med-coarse grain ophitic textures commonly grade into finer grained, minor-mod foliated, biotite-amphibole-rich intervals. Locally minor silicification. Localized minor-mod grey alteration of fine-med grain disseminated magnetite grains. Minor-mod localized epidote alteration present in wispy veins/patches, with increased concentrations near lower contact. Minor-2% Po,py, tr-minor cpy in infrequent qtz/sulfide veinlets, disseminated patches, and rare qtz veins (up to 3cm thickness). Up to 3% localized po. Lower contact: gradational
R12-39	45.61	48.70	Granofels	Light-dark grey, indistinct, coarse grain, minor fractured, porphyritic qtz diorite. 50-60% subrounded grey qtz grains (up to 4mm diameter) set in f.g. dark grey feldpar-biotite groundmass. Non-locally minor foliated. Frequent, minor silicified, clastic, epidote/garnet altered patches/veins. Minor-2% py,po localized w/in epidote altered veins, and rare, variably oriented qtz/sulfide veinlets cutting through diorite fabric. Lower contact: gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-39	48.70	63.76	Metagabbro	Dark green/grey, fine-med grain, mod-locally strongly foliated, amphibole-biotite-rich metagabbro. Mod-localized grey alteration of fine-med grain, disseminated magnetite grains common. Mod epidote/garnet alteration present in wispy, silicified patches/veins. Minor-2% po>cpy w/in locally frequent, ductile-deformed, variably oriented qtz/sulfide veinlets, disseminated patches. Up to 3% po>cpy localized w/in clastic, deformed qtz veins (up to 2cm thickness). Lower contact: gradational.
R12-39	63.76	74.53	Metagabbro	Variably textured unit. Dark- green/grey, mod-strongly foliated, fine-med grained amphibole-biotite metagabbro interlayered w/ med-coarse grained, light-dark grey porphyritic to granophyric qtz diorite intervals. Frequent, Strong-locally intense epidote/garnet alteration common in wispy, silicified patches, and clastic, variably oriented veins. Minor-2% po>cpy,py in infrequent qtz/sulfide veinlets and disseminated w/in epidote-altered patches. Up to 3% localized po>cpy,py in rare, clastic crystalline qtz veins (up to 3cm thickness). Lower contact: indistinct/clastic
R12-39	74.53	88.34	Metagabbro	Similar to above amphibole-biotite-rich granofels/metagabbro unit from 48.70-63.76m. Mod-locally strongly foliated, w/ biotite common in bands and lenses. From 83.00-86.5m: Strongly-locally-intensely foliated, biotite-sericite schist bounding frequent dark grey/green, clastic/fractured, crystalline qtz veins/veinlets (1-20cm thickness). Minor-2% po>cpy,py w/in infrequent qtz/sulfide veinlets. From 83.00-86.50m: Up to 3% localized po, cpy>py as open-space fillings w/in frequent crystalline qtz veins/veinlets. Lower contact: sharp.
R12-39	88.34	89.57	Quartz Stockwork	Grey-dark grey/green, mod-strongly fractured crystalline qtz stockwork vein. Strong-intense localized epidote/garnet alteration common along fractures and in patches. Stockwork vein becomes increasingly clastic/altered downhole. 3-5% localized po,cpy,py as open-space fillings w/in altered fractures of qtz vein. Lower contact: sharp.
R12-39	89.57	111.30	Metagabbro	Light grey/green, fine-coarse grained, locally ophitic feldspar-amphibole metagabbro. Med-coarse grain ophitic textures commonly grade into finer grained, minor-mod foliated, biotite-amphibole-rich intervals. Locally minor silicification. Minor-mod localized epidote/garnet alteration. Lower contact: sharp, fractured
R12-39	111.30	112.95	Felsic Intrusive	Pink/orange, f.g., mod-strongly fractured/clastic, strongly silicified, intensely kspar-altered felsic intrusive set in f.g., strongly silicified, epidote-altered, biotite-amphibole groundmass. Minor-2% localized py,po>cpy w/in groundmass-hosted fractures, sulfide veinlets, disseminated patches. Lower contact: clastic/gradational.
R12-39	112.95	130.75	Granofels	Similar to above granofels unit from 63.76-74.53m. Minor-2% po>cpy,py in infrequent qtz/sulfide veinlets and disseminated w/in epidote-altered patches. Up to 3% localized po>cpy,py in rare, clastic crystalline qtz veins (up to 3cm thickness). Lower contact: sharp
R12-39	130.75	163.57	Metagabbro	Dark green/grey, fine-med grain, mod-locally strongly foliated, amphibole-biotite-rich metagabbro. Strongly foliated intervals commonly w/ increased biotite in bands/lenses. Minor-mod localized epidote alteration present in veins/patches. Rare light grey, mod fractured crystalline qtz sveins (up to 0.3m scattered throughout. Minor-3% po>cpy,py present in locally abundat qtz/sulfide veinlets and as open-space fillings within rare, scattered crystalline qtz veins, sulfide veins. Lower contact: gradational.
R12-39	163.57	190.89	Metagabbro	Dark grey/green, fine-coars grained, amphibole-biotite-rich metagabbro. Locally minor-mod foliated, locally mod-strongly clastic. White, patchy, mod-strong albite alteration present in 0-3mm, fractured/angular feldspar grains common throughout. From 179.5-182.00m: strongly clastic/fractured w/ increased qtz/sulfide veinlets and clastic/deformed crystalline qtz veins. Minor-1% f.g. po disseminated throughout. Up to 3% localized po>py, minor cpy as open-space fillings w/in crystalline qtz veins/veinlets (1-8cm thickness), locally abundant sulfide veinlets/smeared disseminated patches. Lower contact: sharp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-39	190.89	207.93	FW Gabbro	Green/grey amphibole-feldpsar footwall gabbro. From 190.89-196.5: f.g., mod-strongly foliated, biotite-amphibole rich w/ variably oriented/deformed barren qtz veins/veinlets (up to 2cm thickness. From 196.5-199.5m: strongly sheared, locally silicified, biotite+sericite? schist. From 199.5-207.93: Fine-coarse grained, massively textured amphibole-feldspar footwall gabbro. tr-minor localized py,po w/in rare mineralized qtz viens/veinlets. EOH
R12-40	0.00	0.91	Overburden	Dark brown soil + organics mixture grading into mod weathered/oxidized, light brown/red clay. No visible mineralization. Lower contact: gradational
R12-40	0.91	15.92	Regolith	Mod-intensely weathered/oxidized mafic regolith. From 0.91-4.57m: intensely weathered/oxidized red-clay w/ infrequent strongly weathered intervals of mafic regolith. From 4.57-14.63m: Dark red, strongly-locally intense weathered/oxidized mafic regolith. Localized hematite oxidation present in veins/patches. Infrequent fracture-filling qtz-carb veinlets. From 14.63-15.92m: Green/blue, mod weathered, locally-minor oxidized mafic regolith. Minor localized hematite oxidation in veins/patches. Frequent qtz/carb veinlets throughout. Tr recrystallized py in rare mineralized qtz-carb veinlets. Lower contact: sharp.
R12-40	15.92	31.69	Metagabbro	Grey/green, med grained amphibole-feldspar metagabbro. Minor-mod localized foliation common throughout w/ increased biotite in bands lenses and minor-mod grey alteration of magnetite grains. Strong, localized, silicified epidote/garnet alteration present in infrequent patches and qtz veins. Minor-2% py>po within sulfide veinlets, disseminated patches, and infrequent qtz/sulfide veins/veinlets. Rarely up to 3-4% coarse grained py present in crystalline qtz veins (up to 3cm thickness). Lower contact: sharp.
R12-40	31.69	37.50	Quartz Stockwork	Variable Unit. From 31.69-34.00m: Indistinct, variably oriented/deformed, strongly clastic, crystalline qtz veins (Up to 0.3m thickness) bounded by strongly-intensely foliated/sheared, light grey, f.g. qtz diorite intrusive? w/ abundant biotite in sheared bands/lenses and minor localized kspar alteration. 2-5% fine-med grain po>cpy>py as open-space fillings w/in qtz veins. From 34.00-35.85m: Intensely epidote/garnet altered, clastic crystalline qtz vein w/ 1-2% patchy po,cpy. Bounded by submassive, clastic, c.g. po>py,cpy intervals/patches (up to 10 cm thickness) w/ py cubes up to 1.5cm diameter (up to 10% localized po>py>cpy). From 35.85-37.50m: Infrequent, clastic/deformed crystalline qtz veins (up to 7 cm thickness) set in f.g., strongly foliated, amphibole-biotite groundmass. 2-4% po>cpy,py as open-space fillings w/in qtz veins, and frequent qtz/sulfide vienlets. Lower contact: gradational.
R12-40	37.50	60.63	Metagabbro	Dark grey/green, fine-med grain, mod-locally strongly foliated amphibole-biotite metagabbro. Biotite common in localized bands/lenses. Patchy, mod, fine-med grain grey alteration of disseminated magnetite common thorughout. Mod localized epidote, minor garnet alteration present in silicified patches/veins. From 52.35-52.90m: Indistinct, grey, fractured/clastic qtz diorite intrusive present w/in silicified groundmass. Minor-2% po>py,cpy w/in qtz/sulfide veinlets, localized disseminated patches. From 51.70-58.05m: Up to 3% po>cpy,py in locally abundant qtz/sulfide veinlets, disseminated patches, and infrequent clastic, deformed, variably oriented crystalline qtz veins (up to 5cm thickness). Lower contact: sharp.
R12-40	60.63	62.18	Quartz Stockwork	Strongly-intensly clastic/deformed, variably oriented crystalline qtz stockwork veins (Up to 0.38m) set w/in f.g., mod-strongly silicified, foliated, biotite-rich groundmass. 2-6% med grain po>py, minor cpy as open-space fillings w/in qtz veins. Lower contact: indistinct.
R12-40	62.18	96.72	Metagabbro	Similar to above granofels unit from 37.50-60.63m. Dark grey/green, fine-coarse grain, mod-locally strongly foliated, locally fractured, clastic, silicified, amphibole-biotite metagabbro. Rare, localized, clastic, coarse grained ophitic intervals present. Minor Rare, indistinctly contacted, clastic, silicified, grey-brown/grey qtz diorite intrusive intervals (<0.5m) scattered throughout. Mod localized epidote/garnet altered patches/veins common. Minor-2% po>py,cpy w/in qtz/sulfide veinlets, localized disseminated patches. From 62.18-66.3: Mod silicified, fractured w/ up to 3% localized po>py,cpy in deformed qtz/sulfide veins/veinlets (up to 2cm thickness). Lower contact: clastic/variable

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-40	96.72	100.76	Quartz Stockwork	Variable unit. From 96.72-100.00m: Light-dark grey, strongly clastic, deformed, variably oriented crystalline qtz stockwork veins (up to 0.6m thickness) set in f.g., silicified, biotite-rich groundmass. Margins of qtz stockwork veins commonly contain clastic, deformed sulfide veins/veinlets and localized grey/blue, foliated sericite alteration. From 100.00-100.76m: Strong-intense epidote/garnet altered, clastic crystalline qtz vein. Minor, white qtz/carb patches present. 1-3% po>cpy,py as open-space fillings w/in qtz stockwork veins, and frequent groundmass-hosted qtz/sulfide veinlets/veins (up to 2cm thickness). Intensely epidote/garnet-altered qtz vein from 100.00-100.76m w/ increased py. Lower contact: clastic/indistinct
R12-40	100.76	113.36	Granofels	Similar to above granofels unit from 62.18-96.72m. Minor-mod localized epidote alteration, rare silicified qtz-diorite intrusive intervals (up to 15cm thickness), and submassive biotite schist bands (up to 25cm) scattered throughout. Minor-2% po>py,cpy w/in qtz/sulfide veinlets, localized disseminated patches. Lower contact: gradational.
R12-40	113.36	118.27	Metagabbro	Dark grey, fine-coarse grained, mod-strongly foliated, biotite-rich metagabbro. Indistinct, silicified, grey/white qtz diorite intrusive intervals present w/ minor localized k-spar alt. Minor-mod localized epidote alteration in veins/patches. Localized, f.g. disseminated, grey-altered magnetite grains disseminated throughout. Intensely foliated near lower contact w/ biotite in bands and lenses. Minor-2% f.g. po>py,cpy disseminated throughout, and in locally frequent qtz/sulfide veinlets. Up to 3% localized po>py>cpy as open-space fillings w/in infrequent, variably oriented, clastic, crystalline qtz veins. (up to 8cm thickness). Lower contact: sharp, intensely sheared.
R12-40	118.27	139.60	FW Gabbro	Grey/green, coarse grained, massively textured feldspar-amphibole FW gabbro. Localized foliation present in f.g. biotite-rich intervals, commonly w/ mod localized epidote/garnet-altered veins/clasts. Barren, white, variably oriented qtz veins common throughout (up to 2cm thickness). tr-minor sulfides w/in rare mineralized qtz veins. Up to 1% f.g., localized po,py,cpy disseminated w/in epidote/garnet-altered veins/patches. EOH
R12-41	0.00	10.80	Regolith	Strongly-intensely weathered, oxidized mafic regolith. From 0.00 - 2.47m: Intensely weathered/oxidized red clay w/ scattered reglolith frags. From 2.47-8.60: strongly-locally intensely weathered, strongly locally fractured w/ hematite oxidation present in patches/veins and rare qtz-carb veinlets. From 8.60-10.80m: Strongly weathered/oxidized mafic regolith w/ abundant minor weathered, strongly-intensely fractured granofels/metagabbro frags. tr py present near lower contact. Lower contact: gradational, intensely fractured.
R12-41	10.80	43.25	Metagabbro	Grey/green, fine-coarse grained, locally ophitic feldspar-amphibole metagabbro. Med-coarse grain ophitic textures common near upper contact w/ unit becoming progressively finer grained, foliated, biotite-rich downhole. Mod-strong localized epidote/garnet alteration present in wispy, silicified veins/patches, often with pale green sausseritized selvages. From 33.00-43.25: Mod-localized grey alteration of disseminated magnetite grains and indistinct, silicified, clastic, dark grey, med-coarse grain qtz diorite intrusives (up to 30cm thickness) scattered throughout. Minor-2% Po,py, tr-minor cpy in infrequent qtz/sulfide veinlets, disseminated patches, and rare qtz veins (up to 3cm thickness). Up to 3% localized po. Lower contact: sharp
R12-41	43.25	53.47	Quartz Stockwork	Light-dark grey, clastic/fractured, crystalline qtz stockwork veins (up to 4.3m thickness) set in f.g. strongly-intensely foliated, biotite-rich groundmass. Margins of qtz veins commonly strongly-intensely clastic w/ ribbon qtz, rare intensely foliated, minor k-spar altered, biotite-rich qtz diorite intrusives, and minor localized, blue/grey, schistose sericite alteration. From 43.80-45.25m: Mod-strong epidote/garnet alteration present w/in fractures of dark grey qtz stockwork. From 51.70-51.90m: Distinctly dark green, strongly-intensely foliated, sharply contacted, amphibole? chlorite?-rich interval w/ bright yellow cpy w/in qtz stockwork vein. From 52.70-53.47m: Submassive, minor-mod fractured, white/grey qtz stockwork. 3-5% med-coarse grain po>cpy,py as open-space fillings w/in qtz stockwork veins and abundant groundmass-hosted qtz/sulfide veinlets/veins. Up to 8% locally. Lower contact: gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-41	53.47	63.79	Metagabbro	Dark grey, fine-med grain, mod-intensely foliated, biotite-rich metagabbro. Mod silicified. Infrequent, indistinct/blurred, dark grey qtz diorite intrusive clasts/intervals present throughout. Minor-mod localized k-spar alteration present in intensely foliated biotite-rich diorite intrusive at upper contact. Clastic, deformed qtz veins common throughout (up to 5cm thickness) with abundant biotite in conformable bands along clast margins. From 58.35-58.74m: white/grey/green crystalline qtz stockwork vein w/ epidote-altered upper contact. 1-3% po,cpy,py w/in frequent qtz/sulfide veinlets, clastic qtz veins, and smeared disseminated patches. 3% localized, c.g. py, copper/brown-tarnished po, and minor cpy w/in fractures of stockwork vein from 58.35-58.74m. Lower contact: clastic.
R12-41	63.79	66.25	Quartz Stockwork	Dark-light grey, strongly fractured, clastic qtz stockwork vein (2m thickness). Mod light green epidote alteration present in strongly-intensely foliated upper and lower margins of qtz vein. Minor epidote/garnet alteration in fractures of qtz stockwork vein interior. 1-4% po>py>cpy as open-space fillings w/in qtz stockwork vien. Lower contact: clastic.
R12-41	66.25	99.00	Metagabbro	Similar to above granofels/metagabbro interval from 10.80-43.30m. Fine-coarse grain amphibole-feldspar metagabbro. Coarse grained, ophitic textures common throughout, w/ localized, finer grained, mod foliated, biotite-rich intervals. Mod epidote alteration localized in infrequent silicified patches and veins. Minor-2% po>cpy,py w/in infrequent qtz/sulfide veinlets, disseminated patches. Lower contact: gradational
R12-41	99.00	106.50	Metagabbro	Dark grey, fine-med grain, mod-locally intensely foliated biotite-feldspar metagabbro. Blurred, white/grey, indistinctly contacted, med-coarse grained felsic intrusive intervals present throughout (up to 0.45m thickness) Mod-strong localized silicification commonly accompanies intrusive intervals, infrequent clastic qtz veins (up to 15cm thickness), and mod-strong disseminated silver/grey sericite alteration. 1-3% po,cpy w/in locally abundant qtz/sulfide veinlets, and clastic qtz veins. Highest sulfide concentrations occur in deformed qtz/sulfide veinlets w/in silicified, sericite altered intervals. Lower contact: gradational.
R12-41	106.50	115.12	Metagabbro	Dark grey/green, fine-med grain, mod-strongly foliated amphibole-biotite-rich metagabbro. Locally mod-strongly clastic, silicified. Strongly foliated intervals w/ abundant biotite in bands/lenses. Strong localized epidote-, minor garnet-altered vein (0.18m thickness). Minor-2% py, po, localized cpy in variably oriented qtz/sulfide veinlets, silicified patches. Lower contact: gradational/clastic.
R12-41	115.12	117.76	Quartz Stockwork	Dark-light grey, strongly-intensely fractured/clastic, silicified qtz stockwork vein. Dark green amphibole, black biotite common w/in fractures. Localized magnetite common in patches/intervals (up to 7cm thickness) present throughout. 2-4% fine-med grain po,cpy>py as open-space fillings w/in fractures of qtz stockwork. Lower contact: sharp.
R12-41	117.76	126.66	Metagabbro	Similar to above granofels/metagabbro unit from 106.50-115.12m. Patchy, fine-coarse grained grey-altered magnetite grains localized throughout. From 121.45-122.06m: f.g. massively textured, sharply contacted mafic dike. Minor-2% py, po, localized cpy in variably oriented qtz/sulfide veinlets, silicified patches. Up to 3% locally. Lower contact: sharp.
R12-41	126.66	128.50	Quartz Stockwork	Dark grey, strongly-intensely fractured, deformed qtz stockwork veins/clasts set in f.g., mod-intensely foliated, silicified, biotite-rich groundmass. Brown, minor weathered biotite common in bands/lenses near lower contact of unit. 2-6% fine-locally coarse po>cpy,py as open-space fillings w.in fractures of qtz veins, and groundmass-hosted qtz/sulfide veinlets, f.g. smeared disseminated patches. Lower contact: gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-41	128.50	146.64	Metagabbro	light-dark grey/black, coarse grained, porphyritic feldspar-biotite-magnetite gabbro. Distinctly speckled/mottled when dry. 50-60% light grey, subhedral plagioclase grains + f.g. blue/grey recystallized qtz w/ dark grey/black interstitial, f.g. anhedral biotite, magnetite. Increased dark green amphibole present near gradational upper contact. Localized minor-mod shearing present throughout w/ rare, strongly-intensely sheared biotite-magnetite schistose intervals. Minor localized epidote alteration present in wispy silicified veins/patches. Infrequent, variably oriented qtz veins/veinlets (commonly up to 4cm thickness) present throughout (rarely up to 0.3m) w/ patchy sulfide mineralization. Minor-2% po>cpy,py in infrequent qtz/sulfide veinlets, patches w/in rare qtz veins, and localized disseminated patches. Lower contact: gradational.
R12-41	146.64	155.17	Metagabbro	Similar to above granofels/gabbro unit from 128.50-146.64m. Fine-med grained grey/dark grey feldspar-biotite-magnetite metagabbro w/ localized c.g. patches. Mod foliation foliatation common, throughout, becoming strongly foliated near lower contact. Infrequent, qtz veins (up to 5cm thickness) scattered throughout. Larger veins commonly deformed/clastic. Sharply contacted mafic dikes (up to 0.13m thickness) present near lower contact. From 154.15-155.17m: med grain, mod silicified, amphibole-biotite-rich metagabbro into clastic, deformed, strongly epidote-garnet altered qtz vein (0.2m thickness). Minor-2% po>cpy,py w/in infrequent qtz/sulfide veinlets, disseminated patches. Up to 3% localized w/in clastic qtz veins, and abundant, variably oriented qtz/sulfdide veinlets near lower contact. Lower contact: sharp.
R12-41	155.17	164.75	FW Gabbro	Green, fine-med grain, mod-strongly foliated, amphibole-feldspar FW gabbro. Increased biotite present in dark grey, strongly foliated intervals. Grey-white, minor boudined, dominantly barren qtz veins (up to 1cm thickness) common throughout. Mod-strongly clastic upper contact w/ albite alteration in selvages of fractures, veins. Minor-1% po>py,cpy in infrequent mineralized qtz/sulfide veins/veinlets. Up to 2% localized po, minor py,cpy w/in folia oriented sulfide veinlets in strongly foliated, biotite-rich intervals. Lower contact: indistinct
R12-41	164.75	169.01	Felsic Intrusive	Brown/grey/white, med-coarse grain, blurry/silicified, indistinctly contacted, biotite-rich felsic intrusive. Minor-mod localized foliation. Minor foliated intervals commonly porphyritic. Rare crystalline qtz veins (up to 15cm) scattered throughout felsic intrusive. From 167.49-169.01m: Intrusive becomes increasingly indistinct, finer grained, strongly-intensely foliated, w/ increased biotite concentrations and minor localized epidote alteration. Minor-1% f.g. po,py present w/in disseminated patches, infrequent sulfide veinlets. From 1.67.49-169.01m: Up to 2% po>py,cpy w/in disseminated patches, sulfide veinlets, and infrequent silicified qtz veins. Lower contact: gradational.
R12-41	169.01	191.46	FW Gabbro	Grey/green, locally fine-coarse grained amphibole feldspar FW gabbro. From 169.01-172.5m: dark grey/green, fine grain, strongly-intensely foliated w/ increased biotite concentrations, pale green sausseritized, silicified patches, and minor-2% f.g. po>py,cpy w/in sulfide veinlets, infrequent boudined qtz veins (up to 1cm thickness), and disseminated patches. From 172.5-191.46m: Med-coarse grained, massively textured amphibole-feldspar FW gabbro w/ frequent, white, barren, variably oriented qtz veins. Minor localized foliation common in finer grained intervals. tr-minor sulfides in rare mineralized patches w/in qtz veins. EOH.
R12-42	0.00	0.91	Overburden	Light brown clay-rich soil w/ scattered organics grading into minor-mod weathered, oxidized clay-rich soil. Lower contact: gradational
R12-42	0.91	8.54	Regolith	From 0.91-3.66m: strongly-intensely weathered, mod-strongly oxidized, green-red mafic regolith interlayered w/ intensely weathered/oxidized clay-rich intervals and infrequent saturated red/brown clay/soil mixture w/ regolith frags (cave in from ovb/reg contact). From 3.66-8.54m: Red-green, mod-locally strongly weathered, strongly-intensely fractured/crumbled mafic regolith w/ mod localized hematite oxidation and rare qtz-carb veinlets. Tr visible py? present in fractures, mod weathered rock frags near lower contact). Lower contact: gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
R12-42	8.54	26.86	Metagabbro	grey/green, med-coarse grain, ophitic, amphibole-plagioclase gabbro. Locally minor foliation present in finer grained intervals w/ increased biotite and minor epidote-weathered patches/veins. From 8.54-23.60m: Locally minor-mod weathered, fractured, w/ deep red hematite oxidation in patches/veins, and infrequent qtz-carb veinlets. Minor-1% po,cpy w/in rare mineralized patches, weathered fractures, and qtz/sulfide veinlets. Lower contact: gradational.
R12-42	26.86	70.90	Metagabbro	grey/green, med grain, amphibole-rich metagabbro. Mod-strong foliation localized throughout, commonly w/ increased biotite and mod-locally strong epidote/garnet alteration. Rare coarse grained ophitic intervals present throughout. Indistinct, light grey, fractured, minor silicified diorite intrusive intervals/clasts scattered throughout (<0.5m thickness), commonly bounded by f.g., green/grey, submassively textured, amphibole-rich intervals. From 36.0-41.0m: Fine-med grain, strongly foliated, w/ amphibole + biotite in indistinct bands/layers, patchy white albite alteration, and strong-locally intense epidote/garnet-altered veins/clasts w/ pale green sausseritized selvages/margins. Minor-2% Po>py w/in infrequent sulfide veinlets, rare qtz/sulfide veinlets, and localized disseminated patches. Lower contact: sharp
R12-42	70.90	82.97	Metagabbro	Dark grey/green, fine-med grain, mod-strongly foliated, silicified, clastic, biotite-rich metagabbro. Biotite common in bands/lenses throughout. Mod-strong f.g. white alteration of disseminated magnetite grains common throughout. Infrequent, qtz veins (commonly up to 3cm thickness) throughout w/ larger fractured/clastic veins (up to 0.3m) near upper and lower contacts. Localized epidote alteration present w/in 0.3m qtz vein near lower contact. From 79.70-82.97m: Strongly-intensely sheared, w/ foliation @ 30 deg to CA. Minor-2% po>cpy>py w/in locally frequent, variably oriented qtz/sulfide veinlets, and as open-space fillings w/in fractures of crystalline qtz veins. Lower contact: sharp, intensely sheared.
R12-42	82.97	112.20	FW Gabbro	Light grey/green, med-coarse grained, massively textured feldspar-amphibole footwall gabbro. From 86.00-86.40, 98.70-101.00m: f.g., strongly-intensely sheared, w/ increased biotite in bands/layers, clastic/deformed, epidote/garnet-altered qtz veins, and increased sulfide mineralization. Minor-1% po>py,cpy w/in infrequent qtz/sulfide veinlets near upper contact. Up to 2% locally w/in sheared intervals from 86.00-86.40m and 98.70-101.00m. Tr-minor sulfides w/in med-coarse grained, massively textured intervals. E.O.H.
RF86-1	0.00	12.80	Regolith	NO CORE FROM 0.00-12.8m.
RF86-1	12.80	44.43	Felsic Intrusive	Med-coarse grained, light-dark grey, sub-massive, mod fractured, locally mod sheared qtz diorite intrusive. Minor-mod albite alteration throughout. Minor localized k-spar alteration. Mod-localized silicification, common w/ presence of qtz veins/veinlets. Minor-1% py>po within rare qtz veins/veinlets. Lower contact: gradational.
RF86-1	44.43	57.00	Granofels	Variable unit. F.g., light-dark grey, green, minor-intensely sheared mafic volcanics. Mod-localized epidote alteration in silicified patches and randomly oriented, clastic veins. Biotite common in sheared bands and lenses. Minor-2% Po>py>>cpy within crystalline qtz veins (up to 5cm) and within frequent sulfide veinlets and disseminated patches (up to 3% locally in epidote-altered veins). Lower contact: sharp.
RF86-1	57.00	60.00	Quartz Stockwork	Strongly fractured/clastic grey/white to grey/green Quartz Stockwork veins (up to 0.5m thickness) set in v.f.g., strongly-intensely sheared, biotite-rich groundmass. Strong epidote/garnet/diopside alteration present in 0.5m grey/green Quartz Stockwork vein @ upper contact. Minor-3% Po>py,cpy as open-space fillings within fractures of qtz veins. Up to 5% locally within epidote/garnet/diopside-altered stockwork vein. Lower contact: sharp.
RF86-1	60.00	76.15	Granofels	Variable unit. F.g., light-dark grey, green, minor-intensely sheared mafic volcanics. White, patchy, angular albite-altered grains/clasts common. Mod-strong localized epdidote/garnet/diopside alteration common throughout in wispy, silicified veins, patches. Strongly-intensely sheared near lower contact w/ footwall gabbro. Minor-2% Po>py>>cpy within crystalline qtz veins (up to 5cm) and within frequent sulfide veinlets and disseminated patches.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF86-1	76.15	128.32	FW Gabbro	Fine-coarse grained, grey/green, sub-massive to massive textured feldspar/ferromag gabbro. Grain size increases downhole. Barren qtz veins/veinlets common throughout. Near upper contact, mod-strongly sheared green (amphibole?) patches set within v.f.g. biotite-rich groundmass. Tr-minor localized po,py,cpy within rare mineralized qtz veins, and strongly altered patches/veins near upper contact. Up to 1% locally. EOH
RF86-2	0.00	12.20	Regolith	NO CORE FROM 0.00-12.2m.
RF86-2	12.20	13.70	Granofels	Moderately sheared intrusive, strongly chlorite/biotite altered. 12.2-12.5 is very strong chlorite altered with oxidized quartz/carbonate veining. Abundant leucoxene throughout (drops off at lower contact). 1% fg-mg disseminated sulfides (mostly po with trace py)
RF86-2	13.70	25.80	Granofels	Lightly sheared fg intrusive with large siliceous clasts. Fine grained, disseminated sulfides. Elonglated sulfide grains around silicous clasts, also few sulfide veinlets. Overall 0.5% and 1.5% in siliceous clasts. Mostly po with trace py
RF86-2	25.80	30.50	Granofels	Moderate-strongly silicified intrusive with zones of no to light shearing and weak biotite alteration and leucoxene present. Still contains large quartz clasts with epidote alteration within them. 3-4% fg disseminated sulfides (po 2.5-3.5%, py 0.5%)
RF86-2	30.50	46.60	Metagabbro	At 30.5-40m it is weakly-moderately sheared intrusive with variable alteration, leucoxene present. Small zones of unsheared gabbro found throughout the interval at 32.6-32.8, 33.8-34.4, 35.3-36.2, 39-39.5. 30.5-40m has weak-moderate heterogenous biotite alteration, strong alteration within zones of stronger shearing. Quartz veining present and occasional siliceous clasts within sheared zones. Heterogenous sulfides, fg, disseminated with occasional sulfide veinlets. 30.5-40m has 1-2% sulfides overall, locally up to 3%. Po 1% Py 0.5%, Cp 0.5%. At 40-46.6m it is strongly sheared and intensely altered intrusive with abundant quartz veining and high sulifide content to 43.3, then alteration transitions to a moderate-strong amphibole/chl/biotite alteration. At 40-46.6m, sulfides are found as fine, elongated grains within the foliations of rock. 40-43m 3-4% sulfides, locally up to 8% (2.5% po, 1% py 0.5% cp), 43-46.6m 0.5-1% sulfides, locally up to 4%
RF86-2	46.60	58.20	Quartz Stockwork	Quartz veining (stockwork) within weakly-moderately sheared gabbro(?). Strong silicification near large quartz veins. Small zones of no shearing in this interval. Moderate-strong biotite alteration and heterogenous, weak-moderate chlorite alteration. 3-5% fg-mg sulfides locally cg within the quartz veins (3%po, 1% cp 0.5% py). Massive sulfide at 57-57.16m (95% po, 2% py).
RF86-2	58.20	70.77	Granofels	Moderately-strongly sheared with moderate-strong biotite and weak chlorite alteration. Biotite is banded in strongly sheared zones and appears as elongated blebs where shearing is weaker. Occasional quartz veins and weak-moderate silicification throughout. 1% fine grained, disseminated sulfides (po=py overall with variable proportions)
RF86-2	70.77	79.40	Granofels	Strongly biotite altered, fg mafic intrusive with small siliceous zones. Fine grained leucoxene present but drops off in abundance around 74m and rock becomes weakly-moderately silicified and slightly coarser grained. 77-78m abundant, cg magnetite present. 2% fg, disseminated sulfides (1.5%po, 0.5%py).
RF86-2	79.40	87.70	Metagabbro	At 79.4-83m, mg-cg altered gabbro. Lightly sheared with weak-moderate biotite alteration and moderate sausseritization(?). Sparce but strong, patchy epidote alteration and abundant tourmaline with biotite. 1.5% fg, disseminated sulfides (1% po 0.5% py). At 83-87.7m, gabbro is strongly sheared with moderate-strong biotite/chlorite alteration. 2%, locally up to 4%, fine grained sulfides found within foliations (1.5% po, 0.5% py, 0.5% cp).
RF86-2	87.70	91.20	Quartz Stockwork	Quartz veining (stockwork) within moderately sheared rock with moderated biotite alteration (as bands and elongated blebs). 4% fg-mg disseminated sulfides within quartz veins and found along foliations and in veinlets within sheared rock.
RF86-2	91.20	96.20	Granofels	Moderatly-strongly sheared intrusive with strong biotite alteration. 92.3-93.35m is an interval of very abundant white mica that abruptly begins and ends (ran over 10ppm Au). 2-3% vfg-fg disseminated sulfides.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF86-2	96.20	103.66	Quartz Stockwork	Quartz veining (stockwork), large veins with adjacent silicification. Abundant sulfides throughout that is fg and disseminated within quartz veins and cg and most abundant within silicified zones adjacent to quartz veins.
RF86-2	103.66	111.68	Granofels	Highly altered, moderately sheared/highly disrupted rock with abundant siliceous clasts, granophyre dike, and quartz veins. Dikes at 106.25-106.65, 55 degrees, 110.7-110.95, 70 degrees. At 106.48-106.55m, there is cemented, altered, soft gouge. Moderate silicification round quartz veins and siliceous clasts. 5-6% fg, disseminated sulfides except in quartz veins where sulfides are cg.
RF86-2	111.68	116.60	Metagabbro	Fine grained, unsheared gabbro with occasional altered quartz veinlets. 1-2% vfg disseminated sulfides and a few sulfide veinlets.
RF86-2	116.60	118.75	Felsic Intrusive	Medium grained, unsheared granodiorite, feldspars appear to be sausseritized. 2-3% fg disseminated sulfides
RF86-2	118.75	124.50	Metagabbro	Fine grained, unsheared gabbro, with possible fg leucoxene. Trace fg disseminated sulfides
RF86-2	124.50	128.46	Felsic Intrusive	Medium grained, unsheared granodiorite, feldspars appear to be sausseritized.0.5-1% fg disseminated sulfides locally up to 3%
RF86-2	128.46	133.84	Metagabbro	Fine grained, unsheared gabbro with occasional altered quartz veinlets. Zone at 131.1-131.7m with feldspar phenocrysts. 2% fg disseminated po
RF86-2	133.84	141.77	Felsic Intrusive	Medium grained granodiorite, very altered, disrupted, and quartz rich with possible fg leucoxene. Because it is so altered, it is hard to tell whether it is a granodiorite or not. 4% vfg disseminated sulfides.
RF86-2	141.77	156.33	Granofels	At 141.77-150.6m, lightly-moderately sheared, lightly-moderately biotite altered, fg-mg intrusive with fg leucoxene. Moderately silicified throughout, common small quartz veins, and occasional large epidote altered, siliceous clasts. 2% fg disseminated sulfides (1%po, 0.5%py, 0.5%cp). At 150.6-156.33m, moderately-strongly sheared, moderately biotite altered intrusive with occasional quartz veins, a few with epidote alteration. 2-3% fg disseminated sulfides (po=py)
RF86-2	156.33	162.50	Felsic Intrusive	Medium grained, quartz rich, lightly sheared, light grey/pink granodiorite. Common quartz veins and veinlets. 4-5% vfg disseminated sulfides.
RF86-3	0.00	9.20	Regolith	NO CORE FROM 0.00-9.20m
RF86-3	9.20	12.00	Granofels	V.f.g., dark grey, massively textured basalt. Rare, minor-weathered hairline qtz-carb veinlets throughout. Minor-1% localized py>po,cpy within veinlets. Lower contact: sharp.
RF86-3	12.00	44.35	Felsic Intrusive	Light-dark grey, med-coarse grained, sub-massive-massive, strongly fractured/clastic qtz diorite intrusive. Mod-strong localized shearing. Minor-mod localized k-spar alteration from 16.00-18.00m and 40.00-45.50m. Minor-1% Py>>cpy>py in clastic, randomly oriented qtz/sulfide veins and veinlets within fractures of qtz diorite. Up to 4% locally in clastic sulfide/qtz vein @ 23.75m.
RF86-3	44.35	91.00	Granofels	Light-dark grey, f.g., sheared, feldspar/ferromag groundmass. Blurried/mottled appearance. Sheared biotite lenses common throughout. Po, py, cpy in sulfide/qtz veinlets, and disseminated patches
RF86-3	91.00	93.50	Quartz Stockwork	F.g., strongly-intensely sheared biotite-rich groundmass supporting fractured crystalline qtz veins/clasts. Po,cpy within fractures of qtz veins
RF86-3	93.50	94.50	FW Gabbro	F.g. black/dark green, strongly-intensely sheared contact/chill zone. Cpy>po in small veinlets oriented sub-perpendicular to sheared groundmass.
RF86-3	94.50	109.42	FW Gabbro	Coarse grained, massive, feldspar/ferromag gabbro. Tr-minor localized cpy, po, py in rare mineralized veinlets
RF87-10	0.00	16.45	Regolith	NO CORE FROM 0.00-16.45m

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-10	16.45	36.30	Granofels	Variable Unit: Dark green/black/grey, f.g. mod-intensely sheared (35 deg to c.a.) feldspar/amphibole-rich groundmass supports clastic, sheared, deformed feldspar clasts. Rare, localized, indistinct qtz diorite intervals present throughout. Intensely sheared regions commonly display laminar textures w/ increased biotite in bands and lenses. Mod sheared regions commonly indistinct and mottled w/ increased grey/olive green tremolite. Mod localized epidote/garnet alt present in rare diorites. MInor-1% po,py,minor cpy within localized qtz/sulfide veinlets. Lower contact: sharp (30-35 deg to c.a.) into f.g. mafic volcanics.
RF87-10	36.30	40.23	Granofels	Green/grey, v.f.g, feldspar/ferromag/magnetite-rich, minor-mod-sheared (35 deg to c.a.), submassive texture, possibley andesite. Light green amphibole-altered qtz veinlets present. Minor py, po in localized sulfide veinlets and v.f.g. disseminated patches. Lower contact: sharp 35 deg to c.a.
RF87-10	40.23	77.50	Granofels	Similar to sheared mafic volcanics from 16.45-36.30m @ upper contact, 5cm, silicified, microcrystalline qtz vein w/ strong k-spar flooding sharply contacted by 5cm white/yellow, med grained, crystalline, granular labradorite/calcite vein. From 74.68-77.5m: Ranging 30-40 deg to c.a. Increased qtz, sulfides. Minor-1% py,po, minor cpy localized in veinlets and rare disseminated patches. From 74.68-77.50: 1-3% po,py,minor cpy within indistinct qtz veins, veinlets, and silicified patches. Lower contact: sharp 40 deg to c.a.
RF87-10	77.50	79.00	Granofels	Similar to above andesite from 36.30-40.23m. Stongly sheared (40 deg to c.a.) w/ strong biotite banding near lower contact. 1% localized sulfides in silicified veinlet near lower contact. Lower contact: gradational into mafic volcanics
RF87-10	79.00	86.40	Granofels	Similar to above mafic volcanic units. Variably textured, mod-locally-intensely sheared (35 deg to c.a.), f.g. feldspar/ferromag/amphibole groundmass w/ frequent biotite bands and lenses. Indistinct, blurry tremolite alteration common locally. Rare epididote/garnet/diopside alteration present in rare, clastic, deformed qtz veins/veinlets running parellel to c.a. Minor-2% po>cpy,py in indistinct, silicified qtz veinlets. Lower contact variable 30-40 deg to c.a.
RF87-10	86.40	93.10	Metagabbro	Mod sheared, med grain, feldspar/ferromag/amphibole metagabbro. Periodically cut by f.g., intensely sheared (30-40 deg to c.a.), biotite-rich mafic volcanic intervals. Biotite commonly rims frequent med grain magnetite aggregates. Wispy, silicified, mod-strongly epidote/diopside/garnet alteration localized in veins throughout, including large, white, clastic, crystalline qtz vein (up to 20cm) near upper contact.
RF87-10	93.10	106.00	Granofels	Variable unit, similar to above mafic volcanic units. Grey/green, fine grain, strongly sheared (45-55 deg to c.a.), feldspar/ferromag/amphibole groundmass supporting localized, clastic, deformed qtz veinlets, sheared biotite bands and lenses, and localized, wispy, blurry tremolite alteration. From 102-106m: minor-mod silicified? intensely sheared, sub laminated texture w/ increased sulfide veinlets and patches aliong foliation/shear planes. 1-3% po>cpy, py within folia-oriented sulfide veinlets and disseminated patches. tr moly in qtz veinlet @ 104.2m. Lower contact 55 deg to c.a.
RF87-10	106.00	107.00	Quartz Stockwork	Clastic, fractured, white/light green crystalline Quartz Stockwork vein. 3-5% po,py>cpy as open-space fillings within qtz. Mica alteration common around margins of qtz vein, lower contact: clastic/grad
RF87-10	107.00	114.20	Granofels	F.g. black/grey feldspar/ferromag/magnetite/biotite-rich groundmass w/ fine-med grain, indistinct, clastic to sub-rounded qtz grains in sheared/clastic texture. Strong, sheared, light grey mica alteration present locally throughout. 1-2% po>py,cpy as open-space fillings within randomly oriented qtz veins/veinlets, sulfide veinlets, and sheared, disseminated patches. tr moly in qtz vein @113.5m
RF87-10	114.20	135.00	Granofels	Similar to above mafic volcanics unit from 93.10-106.00. strongly sheared (40 deg to c.a.), f.g. feldspar/ferromag/biotite/magnetite-rich groundmass w/ localized med-grain, sub-rounded, indistinct qtz grains in clastic fabrics, deformed qtz clasts/veins. Minor-mod localized tremolite alt. rare epidote altered qtz veins parallel to CA. Minor-3% po>py,cpy within folia-oriented sulfide veinlets, randomly oriented qtz veins/clasts, and disseminated patches. Lower contact 45-50 deg to c.a.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-10	135.00	157.55	Granofels	F.g. black/grey feldspar/ferromag/magnetite/biotite-rich groundmass. Unit is frequently cut by indistinct, med grain, minor-mod-sheared qtz diorite intervals (up to 0.5m thickness) Localized tremolite alteration, localized light grey mica-rich/altered intervals. 15 cm, mod weathered, pocky qtz/carb vein present at 150.7m. Intensely sheared, mica-rich interval present from 153.6-154m. Structures 40 deg to c.a. Minor-2% po>py>cpy within sulfide veinlets, rare qtz veins/veinlets, and disseminated patches. 8% localized po>py>cpy as open-space fillings in sulfide/qtz vein @ lower contact. Minor sulfides within qtz dirorite intervals. Lower contact: sharp 70 deg to c.a.
RF87-10	157.55	163.27	Granofels	Similar to above altered mafic volcanics unit from 107.00-114.2m. Strong light grey mica alteration present throughout. 20 cm crystalline Quartz Stockwork vein present @ 138.2m. 15 cm crystalline Quartz Stockwork vein present @ lower contact. Structures 30-60 deg to c.a. 1-2% po>cpy,py as open-space fillings within qtz veins/veinlets, randomly oriented sulfide veinlets, and disseminated patches. Up to 4% locally. Minor moly in rare sulfide-barren qtz veins cross cutting fabric. Lower contact: sharp 50-55 deg to c.a.
RF87-10	163.27	166.12	Felsic Intrusive	Med grained, white/brown, mod-strongly sheared (40 deg to c.a.) qtz diorite interlayered w/ f.g. black, sheared, magnetite/biotite-rich mafic volcanics. Qtz/sulfide veinlets common within f.g. groundmass-rich regions, and within fractured of diorite. Minor-2% po>py>cpy within sulfide/qtz veinlets. minor moly present in rare qtz veinlets. Lower contact: sharp 40 deg to c.a.
RF87-10	166.12	169.30	Granofels	Similar to above mafic volcanic unit from 135-157.55m. Structures 35-45 deg to c.a. Lower contact: sharp 45 deg to c.a.
RF87-10	169.30	171.30	Quartz Stockwork	Strongly-intensely silicified, fractured, clastic, crystalline Quartz Stockwork vein. Abun gangue-filled fractures. Qtz grey-green/grey in color. 3-6% po>py>cpy as open-space fillings within fractures of Quartz Stockwork vein. Up to 8% locally. Lower contact: sharp 60 deg to c.a.
RF87-10	171.30	172.15	Felsic Intrusive	Similar to above Felsic Intrusive unit from 163.27-166.12m. Clastic, indistinct qtz veinlets (50 deg to c.a.) present within biotite/magnetite groundmass, and along margins of qtz diorite. Minor-2% localized po>py,cpy as open-space fillings within qtz veinlets. Lower contact: sharp 55-60 deg to c.a.
RF87-10	172.15	194.20	Granofels	Similar to above mafic volcanic unit from 166.12-169.13m (qtz diorite). Mod localized silicification, commonly w/ increased qtz veins/clasts, sulfides. Minor-3% po>cpy,py within sulfide veinlets, disseminated patches, and as open-space fillings within qtz clasts. Structures 30-60 deg to c.a. Lower contact: grad
RF87-10	194.20	198.30	Felsic Intrusive	Mod-strongly silicifed, brown/white, mod-strongly sheared qtz diorite intrusive. Frequent clastic qtz veins/veinlets (25-35 deg to c.a.), some w/ epidote/diopside alt. Minor-2% po>cpy,py as open-space fillings within qtz veins/veinlets, and within fractures of sheared qtz diorite. Lower contact: sharp 35 deg to c.a.
RF87-10	198.30	206.60	Granofels	Fine grained, mod-strongly sheared (20-30 deg to c.a.), black/grey/green feldspar, ferromag, biotite/magnetite-rich groundmass interlayered w/ indistinct, strongly sheared, med grain brown/grey qtz diorite intervals. Mod-strong localized silicification, commonly w/ increased qtz clasts/veins/veinlets. Minor epidote/diopside alt present in rare qtz veinlets. from 204.2-204.6: sub-massive po>>py>cpy (15% sulfides) within minor epidote altered vein. minor-3% po>py>cpy within qtz/sulfide veinlets, disseminated patches, and as open-space fillings within qtz clasts.
RF87-11	10.80	17.60	Metagabbro	Med grained, grey/green, ophitic feldspar/ferromag gabbro. Localized, minor shearing (50-60 deg to c.a.), commonly associated w/ increased f.g. ferromags, biotite. Minor py,cpy within rare sulfide veinlets. Lower contact: sharp 60 deg to c.a.
RF87-11	17.60	20.60	Felsic Intrusive	Fine-med grained, mottled, grey/green, fractured qtz diorite intrusive swarm (up to 0.5m thickness, set in f.g., minor-mod sheared (45-55 deg to c.a.), biotite-rich groundmass. Minor-mod silicification. Mod patchy epidote alt present within silicified veins/patches in groundmass. minor-1% py within indistinct qtz veinlets/veins, and fractures within diorites. tr moly present along margins of single qtz vein. lower contact: sharp 60 deg to c.a.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-11	20.60	30.75	Metagabbro	Similar to above gabbro unit from 10.80-17.60m. Minor-1% py,tr cpy,po within rare qtz/sulfide veinlets and silicified patches. Lower contact: sharp 70 deg to c.a.
RF87-11	30.75	39.65	Granofels	Fine-locally-med grained, mod-sheared, locally clastic feldspar/ferromag gabbro. F.g. biotite, altered magnetite common in regions w/ increased shearing. White/grey, f.g. wispy, patchy sericite? alt in sheared lenses/aggregates, often associated w/ magnetite. Mod localized silicification, mod -locally strong epidote alteration in wispy, silicified patches. Infrequent qtz diorite intervals (<15cm thickness) present throughout. 1-2% py>cpy,po within sulfide/qtz veinlets, disseminated patches. Up to 4% locally. Lower contact: sharp 70 deg to c.a.
RF87-11	39.65	41.50	Quartz Stockwork	Mod-intensely silicified, strongly fractured/clastic, crystalline Quartz Stockwork vein set in f.g., sheared, feldspar/ferromag/biotite-rich groundmass. 1-2% py, minor cpy,po as open-space fillings with Quartz Stockwork, and within qtz/sulfide veinlets along clastic margins. lower contact: sharp 80 deg to c.a.
RF87-11	41.50	48.40	Felsic Intrusive	Similar to above Felsic Intrusive unit from 17.60-20.60m. White/brown, minor sheared (70 deg to c.a.), strongly fractured/clastic qtz diorite swarm. Minor-2% py>cpy,py within sulfide veinlets and disseminated patches within mafic groundmass. Lower contact sharp 70 deg to c.a.
RF87-11	48.40	72.00	Metagabbro	Fine-med grained, biotite/magnetite-rich, locally ophitic, locally clastic, sheared (70 deg to c .a.) feldspar/ferromag gabbro. Mod, localized shearing, commonly w/ increased f.g. biotite in bands/lenses. Mod-strong localized, patchy, white albite alteration common. Mod-strong, wispy epidote alteration common in f.g, sheared intervals, commonly w/ mod silicification. Clastic, deformed qtz veins/veinlets p[resent throughout. Minor-2% py>po,cpy within clastic qtz veins/veinlet, sulfide veinlets, and rare, disseminated patches. Lower contact sharp 70 deg to c.a.
RF87-11	72.00	82.68	Granofels	F.g. dark grey, mod-strongly sheared (60 deg to c.a.), feldspar/ferromag mafic volcanics w/ magnetite, biotite common in sheared bands and lenses. Minor-mod patchy epidote/diopside, amphibole alteration common in wispy, silicified veins and patches. Indistinct, sheared diorite intrusive intervals (<10cm) infrequently throughout. sheared, silicified qtz veins/veinlets throughought. minor-3% po>py,cpy as open-space fillings within qtz veinlets/veins, sulfide veinlets, and sheared, disseminated patches. up to 4% locally. Lower contact: sharp 70 deg to c.a.
RF87-11	82.68	119.48	FW Gabbro	Grey, med grain, homogenously textured, locally massive footwall gabbro. Minor localized shear zones w/ increased ferromags, biotite. Barren qtz veins/veinlets common throughout. minor-strong patchy albite alteration. Minor-mod localized epidote/diopside/garnet alteration in silicified veins and patches. tr-minor po,py,cpy localized in sheared, silicified regions. up to 2% locally.
RF87-11	119.48	185.93	FW Gabbro	Grey, med grain, homogenously textured, locally massive footwall gabbro. Minor localized shear zones w/ increased ferromags, biotite. Barren qtz veins/veinlets common throughout. minor-strong patchy albite alteration. Minor-mod localized epidote/diopside/garnet alteration in silicified veins and patches. tr-minor po,py,cpy localized in sheared, silicified regions. up to 2% locally. EOH
RF87-11	0.00	10.80	Regolith	NO CORE FROM 0.00-10.8m
RF87-12	0.00	10.67	Regolith	NO CORE FROM 0.00-10.67m
RF87-12	10.67	25.18	Metagabbro	Magnetic, alternating moderate-strongly foliated mafic intrusive and unfoliated medium grained gabbro. Moderate chlorite/biotite alteraation and patchy quartz/epidote alteration. At 21.62-22.25m is a small zone of felsic volcanic. 21.10-21.45m is a strongly chlorite altered zone that is very broken up. Heterogeneous sulfide content. Overall, 1% fine grained, elongated sulfides within foliations. (po=py).
RF87-12	25.18	33.84	Granofels	Mostly unfoliated, magnetic, fine grained, mafic intrusive that is ophitic in texture after 29.5m. Small, weakly foliated zones and common weak silicification that comes and goes. Weak biotite alteration. 1.5-2% fine grained sulfides within veinlets and locally disseminated. (1% po, 0.5-1% py, trace cp).

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-12	33.84	36.00	Metagabbro	Moderately foliated, magnetic gabbro with moderate biotite and weak chlorite alteration. 1% fine, elongated sulfides (mostly po, trace py) along foliations. Sulfide rich, quartz vein at 34.15m.
RF87-12	36.00	50.60	Granofels	Fine grained, magnetic, unfoliated, mafic intrusive. Small, foliated zones near upper contact. Weak chlorite/biotite alteration and weak sausseritization throughout. Occasional, small quartz veins and weakly silicified zones. 1.5-2% fine grained, disseminated sulfides. (1% py, 0.5-1% po)
RF87-12	50.60	54.50	Granofels	Strongly foliated, mafic intrusive with weak chlorite and moderate-strong biotite alteration. Biotite appears as coarse, elongated blebs that make this zone very distinct. 50.60-51.10m is a sulfide rich zone with a lot of quartz veins. Overall, 1% sulfides within veinlets, locally up to 5% (fine grained, disseminated) within the quartz veining zone at the upper contact. (po=py)
RF87-12	54.50	60.00	Granofels	Moderately silicified, fine grained intrusive (intrusive texture preserved where silicification is least intense). Occasional quartz veins throughout. Fine grained leucoxene where silicification is least intense. 57.2-57.5, quartz veining and white mica rich zone. Patchy quartz/epidote alteration throughout. 4-5% fine grained, disseminated sulfides throughout with occasional sulfide veinlets. Coarse grained sulfides within quartz veins. (2.5%po, 2% py, 0.5% cp)
RF87-12	60.00	62.30	Granofels	Strongly foliated, magnetic, mafic intrusive with small zones of silicification. Quartz vein at60.65-60.93m. Elongated, fine grained leucoxene throughout. 2% fine grained, elongated sulfides along foliations. (1.5% py, 0.5% po, trace cp)
RF87-12	62.30	64.20	Granofels	Unfoliated, magnetic, fine grained, mafic intrusive with fine grained leucoxene. 5-6% fine grained sulfides that appear elongated even though there is no foliation. (5% po, 1% py)
RF87-12	64.20	76.95	Granofels	Weakly-moderately foliated, mafic intrusive with zones of no foliation. Weak to moderate biotite/chlorite alteration, as well as, zones of weak silicification. Large quartz vein with oxidized fractures and coarse grained sulfides at 75.04-75.62m. 3% fine grained, elongated sulfides along foliation and within sulfide veinlets. (2% po, 0.5% py, 0.5% cp)
RF87-12	76.95	77.72	Granofels	Small, weak-moderate silicified zone with abundant white mica. 2-3% fine grained, disseminated sulfides. (1.5% po, 0.5% py, 0.5% cp)
RF87-12	77.72	79.75	Granofels	Unfoliated, magnetic, fine grained, mafic intrusive with porphyritic zones containing medium-fine grained, rounded magnetite phenocrysts. Weakly, silicified throughout. Heterogeneous sulfide content. 2-3% fine grained, disseminated sulfides. (2% po, 0.5-1% py, trace cp).
RF87-12	79.75	81.53	Granofels	Weakly-moderately silicified zone with abundant white mica. 6-7% fine grained disseminated sulfides and occasional sulfides veinlets. (5.5% po, 1% py, 0.5% cp)
RF87-12	81.53	84.04	Quartz Stockwork	Quartz veining and moderate silicification in this zone. Between veins, moderately foliated intrusive with moderate-strong biotite alteration. 10% fine-medium grained sulfides and sulfide veinlets (7% po, 2% py, 1% cp)
RF87-12	84.04	89.72	Metagabbro	No-weakly foliated gabbro with occasional quartz veins and silicification. Small zones that are moderately foliated. Fine grained leucoxene throughout. 3-4% fine grained, disseminated sulfides. Sulfides within foliations where rock is strongly foliated. (2.5% po, 0.5% py, 0.5% cp).
RF87-12	89.72	96.20	Felsic Intrusive	Medium grained dioritic intrusive. Heterogeneous sulfide content averaging about 1% sulfides, mostly pyrite with minor pyrrhotite. Strongly associated with dark, mafic minerals.
RF87-12	96.20	101.90	Metagabbro	No-weakly foliated, fine grained gabbro with occasional quartz veins and dioritic fragments, as well as, patchy quartz/epidote alteration. Fine grained leucoxene throughout. 1-2% fine grained, disseminated sulfides. Mostly pyrite with minor po and trace cp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-12	101.90	115.53	Felsic Intrusive	Medium grained, dioritic intrusive with small layers of foliated mafic volcanics. Larger mafic zones at 106.79-107.10, 108.20-108.90, 110.35-111.70. 0.5-1% fine grained, disseminated sulfides. Mostly pyrite within dioritic intrusion and mostly pyrrhotite within mafic volcanics. Brecciated Felsic Intrusives and quartz veins at 113.50-115.53, up to 3% sulfides in this zone.
RF87-12	115.53	121.95	Metagabbro	Weakly-moderately foliated, fine grained gabbro/mafic intrusive(?). Weak biotite/chlorite alteration that increases in intensity with depth. Occasional quartz veins. Very fine grained mafic dike at 115.53-116.32. 3-4% fine grained, elongated disseminated sulfides and within sulfide veinlets. 3% py, 0.5-1% po, trace cp.
RF87-12	121.95	128.00	Quartz Stockwork	Large quartz veins within a fine grained gabbro (?). Quartz veins become smaller with depth starting at 125m. Abundant sulfides within large quartz veins with associated "clots" of magnetite. Surrounding gabbro is weakly-moderately silicified. Overall 4-5%, fine-medium grained sulfides. (3% po, 1.5% py, 0.5% cp)
RF87-12	128.00	141.55	Metagabbro	No-weakly foliated, fine grained gabbro/mafic volcanic(?). 128-131m, occasional quartz veins and moderate silicification and abundant sulfide veinlets. After 131m, elongated, disseminated sulfides. Overall, 2% sulfides (1.5% po, 0.5% py).
RF87-12	141.55	146.03	Felsic Intrusive	Medium grained dioritic intrusive with small layers of mafic volcanics. Overall, 1% fine grained disseminated sulfides concentrated mostly in the mafic volcanics but also found within the dioritic intrusive. Mostly pyrite with minor pyrrhotite.
RF87-13	0.00	16.76	Regolith	NO CORE FROM 0.00-16.76m
RF87-13	16.76	19.70	Granofels	F.g., grey/black, feldspar/ferromag/biotite-rich groundmass supporing rare, locally indistinct qtz diorite clasts. Mod epditote/garnet-altered, deformed veins and patches. Minor-1% py within rare veinlets, and common disseminated patches. Lower contact: sharp
RF87-13	19.70	30.40	Felsic Intrusive	F.g. black/dark grey feldspar/ferromag/biotite groundmass supporting strongly k-spar flooded, deformed, fractured, clastic veins running sub-parallel to C.A. Minor-1% localized py in deformed, clastic sulfide/qtz veinlets. Lower contact: sharp
RF87-13	30.40	31.50	Granofels	V.f.g., black, sub-massive feldspar/ferromag/biotite groundmass. Tr-minor py.
RF87-13	31.50	33.90	Felsic Intrusive	Clastic, fine-med grain, mod-strongly albite-altered qtz diorite intrusive swarm. Minor-mod sheared. 15cm crystalline bull qtz vein at base of interval. Minor-2% localized po,py>cpy within qtz/sulfide veinlets. Lower contact: sharp.
RF87-13	33.90	48.45	Metagabbro	Med-fine grain, locally sheared, variable, locally ophitic feldspar/ferromag gabbro. Fine grain regions contain increased sheared biotite in bands and lenses. Patchy, white feldspar alteration throughout. Minor-2% localized py>po>cpy within qtz veins, qtz/sulfide veinlets. Up to 4% locally in larger crystalline qtz veins (up to 3cm thickness) sub parallel to C.A. Lower contact: sharp.
RF87-13	48.45	54.50	Granofels	V.f.g. dark grey/black, mod-strongly sheared/foliated feldspar, ferromag, biotite, magnetite groundmass supporting frequent, foliation-oriented qtz/sulfide veinlets. Minor-3% py>cpy,po within qtz/sulfide veins and veinlets, and sheared, disseminated lenses/patches. Lower contact: gradational.
RF87-13	54.50	99.50	Metagabbro	Variable, heterogenous unit. F.g., dark grey/black, feldspar, ferromag, biotite-rich groundmass. W/ clastic, ophitic metagabbro intervals, f.g., mod-strongly sheared/foliated mafic volcanic intervals, med grain, indistinct, minor-mod-altered clastic diorite intervals. Mod-strong localized epidote/garnet/diopside alteration in veins and veinlets, localized, mottled brown/grey/green tremolite alteration present locally. Minor-2% py,po>cpy within qtz veins, qtz/sulfide veinlets, and disseminated patches throughout. Up to 4% locally in crystalline qtz veins (up to 5 cm thickness) w/ higher sulfide concentrations at sub-parallel angle to C.A.. Lower contact: gradational.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-13	99.50	131.90	Granofels	F.g. grey/black feldspar/ferromag/biotite/magnetite groundmass supporting abundant, randomly oriented qtz/sulfide veins, veinlets. 0.1-0.15m thick, fractured, crystalline Quartz Stockwork veins present @ 105.8m, 116.3m. 0.5m qtz crystalline Quartz Stockwork vein from 123.0-123.5m. Localized, distinct, silver/grey mica common throughout. Rare, indistinct, minor albite-altered qtz diorite clasts present near lower contact. 1-3% po,cpy,py as open-space fillings/sulfidic masses within crystalline qtz veins/veinlets, and in smeared, patchy, sulfide veinlets and disseminated patches. Up to 5% locally within larger qtz veins. Lower contact: sharp.
RF87-13	131.90	156.92	Felsic Intrusive	Med grain, fractured/clastic, mod-strongly white-albite-altered qtz diorite intrusive swarm set in mod-strongly sheared, black/grey f.g. feldspar/ferromag/biotite groundmass. Rare crystalline qtz veins (up to 0.1m thickness) present near lower contact. Distinct silver/grey mica alteration locally throughout. Epidote-altered veins/patches localized within f.g. groundmass. Minor-2% localized po,py,cpy within fractures of diorite, and rare sulfide veinlets. Up to 4% locally within rare crystalline qtz veins near lower contact. Lower contact: sharp.
RF87-13	156.92	168.90	Granofels	Fine-med grain., variably textured, mod-strongly sheared, mafic volcanics. Shearing increases near lower contact. Similar to above mafic volcanic interval from 54.50-99.50m. Green, sheared, interstitial amphibole common w/ clastic qtz/sulfide veins, veinlets. Epidote, garnet, diopside alteration present near upper and lower contacts of unit. Minor-2% po,py,cpy within clastic qtz/sulfide veins, veinlets. Up to 3% locally. Lower contact: Sheared, sharp.
RF87-13	168.90	189.59	FW Gabbro	Green/grey, feldspar/ferromag footwall gabbro w/ frequent bull qtz veinlets and veins. From upper contact to 174.0m: f.g., mod-strongly sheared. From 174.0m to end of hole: med-coarse grained, massive/homogenous texture. Locally fine grain intervals common w/ localized shearing and increased bull qtz veinlets. Minor epidote alteration present in sheared regions. Tr-minor po,py,cpy within few qtz veinlets/veins. EOH
RF87-15	0.00	11.00	Regolith	NO CORE FROM 0.00-11.00m
RF87-15	11.00	18.47	Metagabbro	11-15.31m fine grained gabbro with local patchy epidote alteration and pervasive silicification, the most intense silicification at 11.5-12.5. Few quartz veins. 15.31-18.47 medium grained poikiolitic gabbro with local epidote alteration, 15.31-16.68 biotite and leucoxene present, 16.68-18.47 moderate-strong pervasive silicification. 3.5%, fine grained, disseminated sulfides (po 2%, py 1% cp 0.5%) throughout unit, most abundant in silicified zones. Few sulfide veinlets carrying po-py-cp
RF87-15	18.47	27.00	Metagabbro	At 18.47-20m, alternating sheared and undisrupted gabbro. Undisrupted with weak-no alteration, poik/ophitic, lucoxene present, fewer sulfides. At 20-21m, gabbro is moderately-strongly silicified. At 21-24.9m, gabbro is weakly sheared with small zones of undisrupted gabbro and small zones of silicified patches with bands of biotite throughout. Quartz/epidote/carbonate veining (one vein at 23.1, 55 degrees, >40mm thick) and quartz veining at 24.25-24.65 (55-60 degrees). At 24.9-27m, moderately-strongly sheared, sulfide veinlets throughout. 0.3 silicified zone at 25m. Large quartz vein at 26m. 18.47-21m, 3% fine-medium grained disseminated sulfides (3% py, 1% po, Trace cp) Sulfides also within veinlets in the more strongly sheared zones. 21-27m, 1.5% fine grained, disseminated sulfides (1.5% py, 0.5% po)
RF87-15	27.00	32.30	Metagabbro	At 27-30.6m, weak-moderate silicification, igneous texture preserved, small zones of unsilicified and moderately sheared gabbro with abundant biotite and 1% fg disseminated sulfides (py 0.5%, po 0.5%). At 30.6-32.3m, strong silicification, magnetic. 3.5% vfg sulfide veinlets (py 2%, po 1%, cp trace overall, locally abundant)
RF87-15	32.30	63.40	Granofels	Strongly sheared intrusive with strong biotization, bands and elongated blebs of biotite throughout. Weak-mod chloritization, small zones of weak-mod silicification. One mod-strongly silicified zone at 41.9-43.2 with quartz veining. 3.5% very fine grained, sulfides within veinlets (py 2%, po 1%, cp trace) Locally abundant cp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-15	63.40	71.80	Granofels	At 63.4-69.17, strongly silicified zones within, show faint texture-strong shearing. Abundant, banded biotite. Fine grained, disseminated sulfides and sulfide veinlets (py 1%, po 0.5%, cp tr) but increases to 1.5% at 66m. At 69.17-71.8m, weak-moderate silicification and quartz veining, increase in sulfide content, overall 2%, locally up to 5%, as fg disseminated grains and within veinlets (1% py 1% po tr-0.5% cp)
RF87-15	71.80	77.00	Granofels	Strongly sheared intrusive, abundant biotite bands and elongated blebs. Abundant sulfide veinlets, 2% sulfides (1.5 po 0.5 py tr cp)
RF87-15	77.00	79.70	Quartz Stockwork	Quartz veining and abundant sulfides. 7-8% fine-medium grained, disseminated sulfides (5% po 1% py 0.5-1% cp)
RF87-15	79.70	101.50	Metagabbro	At 79.7-82.75m, strong shearing (65-70), abundant biotite bands and elongated blebs. Abundant sulfide veinlets, 1.5% sulfides (po 1%, py 0.5%, cp trace). At 82.75-101.5m, weak to moderate silicification and unsheared gabbro that appears mg, ophitic, and sausseritized, with small zones that are unsilicified and sheared throughout. Zones of weak- moderate chlorite/biotite alteration where sheared. Sparce, blotchy epidote alteration. Heterogenous sulfide content, overall 2% fine grained, disseminated sulfides (1.5% po 0.5% py tr cp)
RF87-15	101.50	119.20	Metagabbro	Moderately-strongly sheared intrusive with small zones that are very weakly sheared and appear like the ophitic gabbro at top of hole. Moderate-strong biotite/chlorite alteration. Abundant sulfide veinlets throughout (1.5-2%: 1.5 po, .5 py tr cp). Small zones of moderate silicification near lower contact.
RF87-15	119.20	131.00	Quartz Stockwork	Quartz veining (stockwork) within sheared gabbro (sheared gabbro same as above unit). Sulfide content increases and peaks in the zone with the largest and most abundant quartz veins (125.3-128.5). Massive sulfide at 126-126.06 (95% po, 2%py) and semi massive that continues to 126.37 (up to 60% sulfides-55% po 4% py 0.5 cp) Large quartz vein at 126.6-126.85 with oxidized sulfides within it. Increase in cp content at 126.85-128.5 (2%, locally up to 3.5%). cp content quickly drops off after 128.5 as do the overall sulfide content and quartz veining.
RF87-15	131.00	155.79	Granofels	At 131-134.75m, weakly to moderately sheared, mall zones of weak silicification. At 134.75-155.79m, weak to no shear with zones of moderate-strong shearing with strong biotite/chl alteration. Weakly-absent sheared zones appear medium grained, ophitic, and sausseritized with sparce leucoxene. Occassional quartz veining (one large vein at 145-145.4 with coarse sulfides within it). Small zones of weak-moderate silicification. Hole ends in a moderately sheared, moderately biotite altered rock. 2% very fine grained, disseminated sulfides (1.5% po, 0.5% py)
RF87-5	0.00	13.41	Overburden	Overburden/unrecovered regolith
RF87-5	13.41	17.95	Regolith	Strongly weathered/oxidized, hematite altered, soft Saprolite. One zone with a strong talc/epidote alteration. Faint, strongly foliated texture. Crumbly in places. No visible sulfides
RF87-5	17.95	20.55	Metagabbro	Moderately-strongly foliated gabbro with weak-moderate biotite alteration. Weak, fracture controlled chlorite alteration throughout. Abundant, fine grained leucoxene near lower contact. 18.73-18.85, quartz vein with coarse grained sulfides within (35% sulfides: 30% py, 5% po). Abundant sulfide veinlets throughout as well as elongated sulfide grains within foliations. 7% sulfides overall (4% py, 2% po, 1% cp?).
RF87-5	20.55	22.92	Metagabbro	No-weakly foliated, oxide rich, magnetic, fine grained, ophitic gabbro. Moderately-strongly sausseritized, medium grained feldspars throughout. Quartz/epidote alteration with sulfide veinlets. Fine grained, disseminated sulfides and abundant sulfide veinlets. 5% sulfides overall (4% py, 1% po, trace cp).
RF87-5	22.92	27.00	Granofels	Weakly foliated, fine grained, oxide rich, magnetic, mafic intrusive. Small, unfoliated zones within with medium grained sausseritized feldspars. Abundant sulfide veinlets throughout, as well as elongated, fine sulfide grains within foliations. 5% sulfides overall (4% py, 1% po, trace cp).

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-5	27.00	57.10	Metagabbro	No-weakly foliated, fine-medium grained, ophitic, oxide/leucoxene rich, magnetic mafic intrusive (gabbro?). Medium grained, moderately-strongly sausseritized feldspars throughout. Quartz/epidote veins and patches found throughout with one large vein/patch at 43.5-43.76m. Small zones without sausseritized feldspars but has abundant fine grained leucoxene. These small zones are often more strongly sheared. 33.55-34.12m is a strongly foliated zone. Sulfide veinlets and disrupted veinlets throughout. Sulfides are also fine grained, disseminated and elongated where foliated. Occasionally sulfides are abundant within quartz/epidote veins and patches. Overall, 5% sulfides (4% po, 1% py).
RF87-5	57.10	61.60	Granofels	Fine grained, moderately foliated, magnetic mafic intrusive. Abundant fine grained leucoxene. Quartz/epidote veinlets and patches throughout. Appears weakly silicified at lower contact. 1% elongated sulfide grains within foliation and within veinlets (po=py).
RF87-5	61.60	63.06	Granofels	Quartz rich, Felsic volcanic with local extreme biotite alteration. Moderately foliated except one small, medium grained, sausseritized zone. Fine grained, elongated sulfides within foliations. 2% overall sulfides with po=py.
RF87-5	63.06	89.60	Granofels	Fine grained, weakly-moderately foliated, magnetic mafic intrusive. Quartz/epidote altered patches throughout. Zones of weak-moderate silicification becoming more prevalent with depth. Weak-moderate biotite alteration throughout. From 63.06-69.00m, 1% fine grained disseminated sulfides with po=py; but sulfide abundance of sulfide content increases after 69m within veinlets, mostly. 3-4% overall (after 69m) 2% po, 1% py, trace cp. 81.53-82.34m Crystal Tuff? Quartz eyes, felsic volcanic. At 66.85m, f.g. moly within a quartz vein with pyrite.
RF87-5	89.60	95.60	Granofels	Fine grained, moderately-strongly foliated mafic intrusive. Moderate-strong chlorite alteration and weak-moderate biotite alteration. Weaker biotite altered zones have concentrated biotite blebs. Occasional quartz/carbonate veinlets. 92.05-92.90m is a zone of brecciated quartz. Trace, fine grained, disseminated sulfides.
RF87-5	95.60	97.13	Granofels	Brecciated quartz veins. 95.60-95.66m has strong epidote alteration with associated, abundant fine grained sulfides (25% pyrite). 96.19-97.13m appeared to be the same brecciated quartz as what is above (95.6-96.19m) only it is strongly kspar altered. Possible granitic intrusive? Overall, Trace, fine grained disseminated pyrite.
RF87-5	97.13	105.24	Granofels	Moderately-strongly foliated, magnetic mafic intrusive with moderate-strong chlorite/biotite alteration. Patchy quartz/epidote/(+/-)carbonate alteration throughout. 97.13-100.30m is foliated but disrupted (swirly) with quartz rich clasts within this zone, some with weak kspar alteration. 1%, locally up to 5%, fine grained disseminated sulfides within foliations. Po=py=cp.
RF87-5	105.24	110.60	Quartz Stockwork	Abundant quartz veins throughout most of this unit. Quartz rich, kspar altered zone at 106.80-107.16m. A break in the quartz veining at 107.16-108.10m, where it is very biotite rich with disrupted foliation. 108.10-109.75m continues to be biotite rich but with occasional quartz veins and more abundant sulfide associated with quartz veins and within foliations. Heterogenous sulfide distribution. Overall, 7-8% fine grained sulfides that are strongly associated with quartz veins but also disseminated along foliations (4% po, 2% cp 1% py).
RF87-5	110.60	114.33	Granofels	Moderately foliated, moderately-strongly chlorite/biotite altered mafic intrusive(?). Foliations somewhat disrupted. Occasional quartz veinlets. 4% sulfides within veinlets and associated with quartz veinlets (2% po, 1% py, 1% cp).
RF87-5	114.33	119.55	Granofels	Quartz rich (brecciated appearance), very strongly kspar altered. Strongly biotite altered in zones of no kspar alteration. Possible granitic intrusive(??). Trace sulfides with kspar but abundant with biotite. Overall, 0.5-1% fine grained, disseminated sulfides, locally up to 4%. Mostly pyrite, local cp.
RF87-5	119.55	130.91	Granofels	Weakly foliated, strongly biotite altered, magnetic, mafic intrusive. Occasional quartz veining. 8% fine grained sulfides found as elongated grains within foliations and as veinlets (5% po, 1.5% py 1.5% cp).

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-5	130.91	143.29	Granofels	No-weakly foliated, medium grained, magnetic, mafic intrusive. Weak-moderate biotite alteration and strongly sausseritized feldspars. Patchy quartz/epidote alteration throughout. Large quartz vein at upper contact (~70) with epidote and red garnet(?) within it. 4% fine grained sulfdies, elongated grains within foliations and in veinlets (3% po, 1% py).
RF87-5	143.29	145.58	Granofels	Fine grained mafic dike. Weakly magnetic and fairly fresh. 3% very fine grained, disseminated sulfides (2.5% po, 0.5% py).
RF87-5	145.58	171.00	Granofels	Moderately foliated, magnetic, mafic intrusive with zones of no foliation. Moderate biotite/chlorite alteration. Foliation and alteration get stronger with depth. 145.58-156.40m, no-weakly foliated mafic intrusive with siliceous clasts throughout and moderate sausseritization. After 156.40m, foliation and biotite/chlorite get stronger with depth with occasional zones of weak sausseritization. Occasional quartz veins throughout, some with epidote alteration. 162.50-171.00m, foliation and biotite/chlorite alteration is very strong and fine grained leucoxene is abundant. Overall, 4-5% fine grained, disseminated sulfides (3.5-4% po, 1% py, trace cp).
RF87-5	171.00	184.85	Felsic Intrusive	Medium grained, magnetic, quartz rich, intermediate intrusive (Quartz diorite?) with no-weak foliation. Abundant fine grained leucoxene. Weak-moderate biotite alteration and patchy quartz/epidote alteration throughout. Weak-moderate sausseritization. 10% fine grained, disseminated sulfides (9% po, 1% py, trace cp).
RF87-5	184.85	192.35	Metagabbro	Unfoliated, ophitic, magnetic, anorthositic gabbro. Abundant fine grained leucoxene. Patchy, quartz/epidote alteration and moderate biotite alteration. Quartz vins at 189.8-190.05 with fine grained po within fractures. 10% fine grained, disseminated sulfides throughout (7% po, 2.5% py, 0.5% cp).
RF87-5	192.35	197.10	Felsic Intrusive	Unfoliated, magnetic, medium-fine grained, quartz rich intermediate intrusive with moderately sausseritized feldspars and fine grained leucoxene. Patchy quartz/epidote alteration and weak biotite alteration. Occasional quartz veins. Small zone of weakly-moderately foliated, magnetic mafic intrusive with weak-moderate biotite/chlorite alteration at 194.35-195.9m. Overall, 10% fine grained disseminated sulfides (7% po, 1.5% py 1.5% cp). 195.9-197.1m has 12-15% fine grained, disseminated sulfides (10% po, 2% py, 1% cp).
RF87-5	197.10	210.05	Granofels	Weakly-moderately foliated, magnetic, mafic intrusive with weak-moderate biotite/chlorite alteration with small zones that are unfoliated. Clasts of quartz rich, sausseritized intermediate intrusive. 2% fine, elongated grains of sulfides within foliation (1.5% po, 0.5% py, trace cp). Occasional, quartz veining. Small quartz and sulfide rich zone from 204.29-205.40m with fine grained moly at 204.6m.
RF87-5	210.05	213.20	Felsic Intrusive	Weakly foliated, medium grained, quartz rich, magnetic, intermediate intrusive. Weak-moderate sausseritization and biotite alteration. 10% fine grained disseminated sulfides (8% po, 2% py, trace cp).
RF87-5	213.20	222.87	Metagabbro	No-weakly foliated, magnetic gabbro with siliceous clasts and zones that are coarser grained and sausseritized (intermediate intrusive?). Moderate-strong biotite alteration. 8% fine grained, disseminated sulfides (6% po, 2% py). 2 of the last 3 boxes are scrambled. Box 71 and 73 will not be sampled.
RF87-8	0.00	18.10	Regolith	NO CORE FROM 0.00-18.10m
RF87-8	18.10	20.40	Regolith	Minor-mod weathered, mod oxidized, mod-strongly sheared mafic regolith. Qtz-carb, mod-weathered qtz veinlets present. No visible sulfides
RF87-8	20.40	46.00	Metagabbro	Highly variable unit. F.g. black/dark grey feldspar/ferromag/biotite groundmass interlayered w/ mod-minor sheared (55-65 deg to c.a.), med grain, sub ophitic feldspar/ferromag gabbroic intervals; Strongly sheared, f.g. groundmass-rich intervals w/ abun sheared biotite, magnetite in lenses and bands; Minor-mod localized silicification throughout. Minor-mod epidote alt common. Minor-2% po,py>cpy within qtz/sulfide veinlets, localized disseminated patches.
RF87-8	46.00	48.70	Granofels	White/grey/grown, minor-mod-sheared (50-60 deg to c.a.), strongly fractured, clastic qtz diorite; Mod white alteration of feldspar. diorite clasts set in f.g. black, biotite/ferromag/magnetite groundmass. Minor-2% po,py,cpy within fractures of diorite, and sulfide/qtz veinlets w/in groundmass. Lower contact 55 deg to c.a.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-8	48.70	49.75	Granofels	Fault gouge. Aphanitic, light-dark green micas interlayered w/ biotite bands/patches, silicified/mottled, patchy tremolite alt, and rare qtz veinlets. Minor py,po. Sharply contacted 60 deg to c.a.
RF87-8	49.75	50.40	Granofels	White/black brown, med-c.g. qtz, feldspar grains supported by black, v.f.g. biotite/feldspar/ferromag groundmass. Tr-minor po. This unit could be a qtz-feldspar porphyry. Structures 60-70 deg to c.a.
RF87-8	50.40	53.90	Felsic Intrusive	similar to above qtz diorite from 46.00-48.70m. Structures 60-70 deg to c.a.
RF87-8	53.90	58.25	Granofels	Qtz diorite exhalative tuff. 30-40% med grain, angular-subrounded, indistinct qtz, feldspar grains, set in sheared, f.g. foliated, biotite/magnetite/feldspar/ferromag groundmass. Variably textured. Localized biotite in sheared bands. localized subrounded, indistinct, qtz porphyry intertervals. Mod silicification throughout gives rock a grey/blue mottled appearance on outer surface of core. minor-2% po,py,cpy within qtz/sulfide vienlets, fractures, and disseminated patches. Structures 60-70 deg to c.a.
RF87-8	58.25	61.00	Granofels	Dark green/black, v.f.g. submassive andesite? ash tuff. Mod sheared (60-70 deg to c.a.). Minor v.f.g po in patches, hairline sulfide veinlets.
RF87-8	61.00	73.35	Metagabbro	Similar to metagabbro from 20.40-46.00m. Structures 60-70 deg to c.a. Minor-2% po>py>cpy within qtz/sulfide veinlets, localized disseminated patches. Minor-mod localized silicification throughout. Minor-mod epidote alt common w/in gabbroic intervals. Albite alt common in diorite intrusives, qtz feldspar porphyry.
RF87-8	73.35	78.20	Granofels	Similar to qtz diorite exhalative tuff from 53.9-58.25m. Structures 60-70 deg to c.a. Minor-2% po,py,cpy within qtz/sulfide vienlets, fractures, and disseminated patches. Mod silicification throughout gives rock a grey/blue mottled appearance on outer surface of core.
RF87-8	78.20	82.00	Granofels	Similar to andesite ash tuff from 58.25-61.00m. Structures 60-70 deg to c.a. Minor v.f.g. po in patches and hairline sulfide veinlets
RF87-8	82.00	89.20	Granofels	Similar to qtz diorite exhalative tuff from 53.9-58.25m. Minor-2% po,py,cpy within qtz/sulfide vienlets, fractures, and disseminated patches. Mod silicification throughout gives rock a grey/blue mottled appearance on outer surface of core.
RF87-8	89.20	93.60	Granofels	V.f.g. grey/black, feldspar/ferromag/magnetite groundmass w/ Sheared biotite present in bands/lenses, Mod-locally silicified w/ clastic qtz veins/veinlets. Minor-3% po>py>cpy . Up to 8% locally in sulfidic mass @92m.
RF87-8	93.60	98.00	Metagabbro	Similar to metagabbro 61-73.35m. Mod-strongly sheared (60-70 deg to c.a.), w/ biotite/magnetite in bands and sheared lenses. Locally submassive, ophitic feldspar/ferromag textures. Minor-2% py,po>cpy within rare qtz/sulfide veinlets, fractures, and disseminated patches.
RF87-8	98.00	103.80	Granofels	Green/brown/grey diorite tuff? Mod-strong silicification + localized tremolite alteration give unit a mottled/blurry, indistinct appearance. Locally foliated. Randomly oriented, Clastic qtz veins present throughout. Localized biotite present in sheared lenses, bands. Intensely sheared near lower contact. 1-3% po>py,cpy within clastic qtz veinlets/veins, sheared sulfide veinlets, and as open-space fillings within fractures. Up to 5% locally. Sharp lower contact 70 deg to c.a.
RF87-8	103.80	106.50	Granofels	V.f.g. light grey/green, mica-rich groundmass (chlorite alt?) w/ porphyritic feldspar masses/aggregates throughout. Randomly oriented mica needles (2mm length) locally throughout. Biotite present in bands/patches. Minor-mod silicification. Minor-mod patchy tremolite alt. Sharp upper and lower contacts, 70 deg to c.a. Structures 60-70 deg to c.a.
RF87-8	106.50	117.65	Granofels	F.g. black/green, feldspar/ferromag/biotite groundmass. Strong silicification, Strong tremolite alteration throughout gives unit indistinct, blurry appearance. Lower contact: gradational. Structures 70-75 deg to c.a.
RF87-8	117.65	144.17	Felsic Intrusive	F.g. black/green, feldspar/ferromag/biotite groundmass supporting white-grey-brown, clastic, strongly fractured, locally sheared (60-70 deg to c.a.), mod-strongly albite-altered diorite clasts/intervals. Mod-strong, patchy silicification common throughout. From 139.00m-lower contact: crystalline qtz veins/clasts common within groundmass. Minor-2% po>cpy,py within qtz veins, qtz/sulfide veinlets within groundmass, along fractures within diorites. up to 4% locally in qtz veins near lower contact. Lower contact 75 deg to c.a.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-8	144.17	156.00	Quartz Stockwork	Strongly deformed/clastic, fractured, crystalline qtz veins (up to 1m thickness) set in f.g, strongly silicified, sheared, biotite rich groundmass. Quartz Stockwork veins (60-70 deg to c.a., slightly variable) have clastic/deformed boundaries. 4-6% po>cpy>py as open-space fillings within Quartz Stockwork veins, and as sulfide veinlets, disseminated patches within silicified groundmass. Minor localized moly present within few qtz veins. Lower contact: clastic/grad.
RF87-8	156.00	184.50	Granofels	F.g., dark grey/black, submassively textured feldspar/ferromag/biotite/magnetite-rich groundmass. Mod sheared Mod localized silicification in indistinct, blurry patches and veinlets. Minor-3% po, minor py,cpy as v.f.g. disseminated patches, abundant qtz/sulfdide veinlets, and as open-space fillings within rare crystalline qtz clasts from 156.00-167.50m. Up to 5% locally. From 167.5-184.5m: white-grey-brown, deformed, qtz diorite clasts/intervals present throughout. diorite tuffs? sulfide concentrations decrease to minor-2% po,py>cpy. Lower contact: gradational.
RF87-8	184.50	196.85	Felsic Intrusive	Mod-sheared (65-70 deg to c.a.), fine-med grain, white/grey/green/brown qtz diorite. F.g. biotite, magnetite common within sheared intervals, along fractures within qtz diorite. Minor-mod silicified. Minor-2% po,py,cpy as open-space fillings within fractures, and in rare qtz/sulfide veinlets/veins within groundmass-rich regions. minor-mod albite alteration is less intense than overlying qtz diorite units/intervals. Lower contact 45 deg to c.a.
RF87-8	196.85	232.56	FW Gabbro	Massive, med grained, homogenously textured, feldspar/ferromag footwall gabbro. Mod localized shearing throughout, commonly w/ increased biotite/green amphibole. Bull qtz veins/veinlets common (subparallel to C.A.). Tr-minor localized po,py,cpy within rare mineralized qtz veinlets. EOH.
RF87-9	0.00	15.15	Regolith	NO CORE FROM 0.00-15.15m
RF87-9	15.15	31.00	Granofels	Dark green/grey/black, f.g. mod-strongly sheared, feldspar, ferromag, biotite, magnetite groundmass supporting sheared biotite bands/lenses; Patchy, white, angular, med grained, albite-altered feldspar grains; Mod patchy silicification, commonly w/ blurry epidote altered veins. Minor-2% py>po,cpy in rare qtz veins, frequent qtz/sulfide veinlets. Lower contact: sharp, strongly sheared.
RF87-9	31.00	115.40	Felsic Intrusive	black/white, med-coarse grained, mod-strongly sheared, locally clastic, biotite-rich qtz diorite. Unit periodically cut by small intervals (up to 1m) of f.g., biotite-rich, mod-strongly sheared mafic volcanics. Mod-strong albite alteration throughout. Mod-strong localized k-spar alt present throughout. Mod-strong epidote, diopside, garnet alteration present in deformed, clastic qtz veinlets w/in mafic volcanic intervals. Patchy, mod silicification throughout. Minor-3% py>cpy,po w/in qtz/sulfide veinlets, rare clastic qtz veins, and altered patches.
RF87-9	115.40	130.15	Granofels	F.g. dark grey/black/green, mod-intensely sheared, altered, deformed, feldspar/ferromag andesite ash tuff. Biotite common in sheared lenses and bands. Mod-strong epidote, diopside, garnet alteration common in wispy, deformed patches and qtz veins. Qtz/sulfide veins (up to 8cm thickness) present from upper contact to 122.0m. Minor-4% fine-coarse grain po,py>cpy within qtz/sulfide veinlets. Weakly magnetic. Lower contact: sharp, sheared.
RF87-9	130.15	141.90	Felsic Intrusive	Similar to above qtz diorite unit from 31.00-115.40m. Minor-1% po,py,cpy within f.g. andesitic intervals. (<0.5m thickness). Lower contact: sharp.
RF87-9	141.90	154.45	Granofels	F.g. black/grey, mod-strongly sheared, biotite-rich mafic volcanic. Mod-strongly magnetic. From 143.0-143.5m: strongly-intensely silicified, fractured crystalline Quartz Stockwork vein. 1-4% po>py>cpy as open-space fillings within Quartz Stockwork vein, and as v.f.g sulfide veinlets. Diorite intervals present throughout. Lower contact: sharp

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF87-9	154.45	171.60	Felsic Intrusive	Similar to above qtz diorite units from 31.00-115.40m and 130.15-141.90m. Minor-1% po,py,cpy within f.g. andesitic intervals. (<0.5m thickness). Mod, porphyroblastic garnet alteration common from 164.0-169.0m. From 169.0-171.60 (EOH): mod white/grey/silver mica alteration present in mod silicified, minor albite-altered, indistinct qtz diorite. Increased biotite, minor-2% po,py within qtz/sulfide veinlets.
RF88-19	0.00	9.15	Regolith	NO CORE FROM 0.00-9.15m
RF88-19	9.15	16.80	Metagabbro	Ophitic gabbro, magnetic and sausseritized with leucoxene present. Fractures are oxidized. Trace fg disseminated sulfides and sulfide veinlets, locally up to 1% with py>po.
RF88-19	16.80	30.79	Granofels	Alternating moderately sheared and undisrupted gabbro. Sheared zones have moderate-strong biotite/chlorite alteration. Shearing is strongest at the lower contact. Very broken up in areas where qtz/chl/caronate alteration is the most intense. In these intense alteration zones, a red alteration mineral is also present (iddingsite?) at 18-21.95 m. Trace-0.5% sulfides, locally up to 1% with py>po. Sulfides increase in abundance with depth within veinlets (po>cp>po).
RF88-19	30.79	38.90	Granofels	Strongly sheared intrusive with moderate-strong biotite/chlorite alteration. Weakly magnetic with leucoxene present. Abundant sulfide veinlets and patches of fg-mg disseminated sulfides 1% overall sulfides (0.8% py, 0.2% cp, trace po)
RF88-19	38.90	44.00	Quartz Stockwork	Abundant quartz veining and sulfides within. Moderately sheared gabbro with moderate biotite/chlorite alteration. Acid drops among sulfides on weathered surfaces. Sulfides are fine grained and disseminated, as well as, within veinlets in sheared rock. Sulfides are medium-coarse grained within quartz veins. 3-4% sulfides overall, (2.5% py, 0.5% cp, 0.5% po)
RF88-19	44.00	48.17	Granofels	Alternating sheared and undisrupted gabbro. Sheared has strong chlorite and moderate biotite alteration; Undisrupted gabbro is medium grained with zones of weak chlorite alteration and small quartz veins near lower contact (46.8-48.17). Trace sulfides with locally 0.5% fine grained, disseminated py>po.
RF88-19	48.17	126.20	FW Gabbro	Fine-medium grained gabbro with occasional quartz, minor carbonate veins/veinlets that increase in abundance with depth. Also, occasional small zones of weakly-moderately sheared gabbro with chlorite alteration mostly near bottom of hole. 74.1-75.85m is a zone with large quartz veins containing abundant sulfides (cp,py). 91.3-91.5 aphanitic (in areas), sheared zone with sharp contacts (70). 92.5-95.5, moderate sausseritization, small silicified zones, mod chlorite alteration. 120.12-122.4 moderate-strong sausseritization of felspars with weak-mod quartz alteration. 122.4-124.1 strong-very strong sauss of feldspars, coarse grained and splotchy with moderate-strong quartz alteration in places and quartz veining, sulfide barron. Abrupt end to alteration at 124.1. Heterogeneous sulfide content. 48.17-64.75 fg, dissem, trace, locally up to 0.5%. 64.75-70.05 fg, dissem 0.5% pyrite w/ tr po. 70.05-72.3 fg, dissem, trace, locally up to 0.5% po>py. 72.3-75.9 fg, dissem 1-2% (po 1%, py 0.5%, cp 0.5%). 75.9-86.59 fg dissem, 0.5%, locally up to 1.5% with py>po. 86.59-121.8 fg dissem 0.5% locally up to 2% and down to 0% py>po>cp. 121.8-126.2 0-trace pyrite.
RF88-20	0.00	8.00	Regolith	NO CORE FROM 0.00-8.00m
RF88-20	8.00	22.56	Regolith	Highly oxidized sheared saprolite. Very weathered, crumbly. Trace sulfides.
RF88-20	22.56	24.39	Quartz Stockwork	Quartz veining (stockwork) within strong sheared, weakly oxidized rock. 1% sulfides within quartz (0.5-1% py)
RF88-20	24.39	25.63	Regolith	Lightly rusty, sulfide barren quartz. (one zone with cg pyrite) to 25.35m. After 25.35m, rock appears sheared, and weakly oxidized, transitioning into saprolite. Moderate-strong chlorite alteration with small quartz rich zones. Trace sulfides overall, a few zones with coarse grained pyrite.
RF88-20	25.63	29.88	Regolith	Very strongly oxidized, sheared rock. Strong chlorite alteration (red and green). Mostly competant rock with small crumbly zones and poor recovery. Trace sulfides overall with one zones with coarse grained pyrite.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF88-20	29.88	42.05	Granofels	At 29.88-33.5m, moderate-strong shearing with very strong chlorite alteration and local moderate biotite alteration. 0.5-1% fine grained disseminated pyrite. At 33.5-42.05m, weak to moderate shearing with moderate chlorite/biotite alteration with leucoxene present. Fine grained, disseminated sulfide veinlets, few disrupted. Abundant coarse grained sulfides in small zones of silicification, overall 1.5-2% (py 1%, po 1%, local cp)
RF88-20	42.05	46.95	Granofels	Weakly-moderately silicified intrusive with very fine grained, disseminated sulfides, overall 2% (po 1.5%,0.5% py)
RF88-20	46.95	53.05	Granofels	Strongly sheared with strong chlorite/biotite alteration. Trace sulfides (pyrite). Quartz veining at 51.8-52.25
RF88-20	53.05	60.60	Granofels	Alternating strongly sheared with strong chlorite/biotite alteration and undisrupted gabbro (footwall) with weak sausseritization and zones of silicification. Quartz veining at 55.15-55.25 and 58-59.15, both clean, white quartz and sulfide barron. Trace pyrite.
RF88-20	60.60	88.41	FW Gabbro	Medium grained gabbro with weak-moderate sausseritization of feldspars (locally strong). Occasional quartz veins and quartz/carbonate veins. A few small zones of shearing with sharrp contacts with surrounding undisrupted gabbro (84.75-84.95, 86-86.6). No-trace sulfides.
RF88-22	0.00	8.53	Regolith	NO CORE FROM 0.00-8.53m
RF88-22	8.53	30.75	Felsic Intrusive	Med-coarse grain, sub-massive to massively textured qtz diorite. Mod white albite alteration throughout. Localized minor-mod, patchy k-spar alteration present throughout. F.g., black/grey feldspar/ferromag/biotite-groundmass common in locally mod-sheared intervals. Minor-2% localized po, cpy. deformed/fractured qtz/sulfide veinlets within sheared groundmass-rich intervals, and within fractures in qtz diorite. Mineralized qtz veins/veinlets commonly have brown/green, blurry, tremolite? altered selvages. Lower contact: sharp.
RF88-22	30.75	97.75	Metagabbro	Grey/green, fine-med grain, locally ophitic feldspar/ferromag metagabbro. Mod-localized shearing common in fine grain, biotite-rich segments. Minor, patchy, white albite alteration present in localized intervals throughout. Minor-mod epidote-altered veins, patches present within sheared regions. Minor-2% localized po,cpy,py within rare qtz/sulfide veinlets throughout. From 93.00-97.75m: footwall contact zone. F.g., dark grey/green, strongly-intensely sheared, biotite/amphibole-rich groundmass w/ increased deformed/clastic crystalline qtz veins (10-20cm thickness). Large qtz veins are strongly-intensely epidote/garnet/diopside-altered, with minor-2% po,py,cpy as open-space fillings.
RF88-22	97.75	167.64	FW Gabbro	Grey/green feldspar/ferromag footwall gabbro. From 97.75-100.00m: f.g., mod-strongly sheared w/ rare epidote/garnet/diopside-altered qtz/sulfide veinlets. From 100.00-167.64m: med-coarse grain, massive/homogenous texture. Barren qtz veins, veinlets present infrequently throughout. tr-minor po,cpy,py within rare patches throughout. EOH
RF89-29	0.00	4.27	Regolith	Strongly weathered glacial outwash.
RF89-29	4.27	21.80	Regolith	Strongly-locally-intensely weathered mafic regolith. Mod-strongly sheared, biotite-rich, mafic-volcanic w/ frequent hematite, chlorite, carb-altered veinlets. 0-tr sulfides.
RF89-29	21.80	133.00	Metagabbro	Variable, heterogenous unit. Mod-intensely sheared, f.g. dark grey/black feldspar/ferromag/biotite-rich groundmass supporting localized biotite bands, lenses (up to 30cm), localized, indistinct porphyritic qtz grains (up to 4mm), localized epidote, diopside/garnet, amphibole alteration in wispy, silicified veins/veinlets, and localized mica (tan-green) alteration throughout. Clastic, sheared, grey/green feldspar/ferromag gabbros locally present throughout. Minor-2% py>po>cpy within veinlets, altered qtz veins, patches. Up to 4% po>py,cpy within epdiote, garnet altered veins from 66-68m, and qtz veins and veinlets within strongly sheared, v.f.g. andesite tuff intervals throughout. Coarse grain, brown/white qtz-feldpsar porphyry present from 87.5-88.25m.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-29	133.00	144.35	Felsic Intrusive	Brown/white, minor-mod-silicified, mod-strongly sheared, deformed/clastic qtz diorite intrusive clasts set in v.f.g. dark grey/black feldspar/ferromag/biotite-rich groundmass. minor-mod albite alt. Minor-2% localized po>cpy,py within fractures in diorite clasts, sulfide/qtz veinlets/clasts within v.f.g. groundmass. Lower contact is sharp.
RF89-29	144.35	164.35	Granofels	Fine-med grain, dark-light grey/blue, strongly silicified, mod-strongly sheared, mottled/blurry. Biotite/feldspar/ferromag/magnetite groundmass supporting indistinct, silicified, deformed,clastic, dioritic crystal tuff intervals; silver/grey mica-altered intervals, and mod-strong localized tremolite-altered intervals. From 153.9-156m: 20 cm, strongly garnet/epidote-altered qtz vein (skudderudite?) into strongly-intensely silicified, dark grey/black mottled groundmass w/ VG-bearing qtz/sulfide veinlets (@30 deg to C.A.) into intensely sheared, sub-massive sericite interval (0.5m thickness). From 161.25-161. 60m: white/green, strongly fractured crystalline Quartz Stockwork vein. 2-5% po>cpy,py within frequent, clastic/deformed qtz/sulfide veins/veinlets, and as open-space fillings within randomly oriented fractures, clastic crystalline qtz veins. Tr-minor moly. VG in po,py,cpy veinlets @ 154.6. Lower contact is sharp and clastic.
RF89-29	164.35	181.90	Felsic Intrusive	Fine-med grain, brown/white/green, mod-strongly sheared, strongly fractured/clastic qtz diorite intrusive swarm. Indistinct to strongly albite altered. Silicification common throughout. Epidote, garnet, diopside alteration common in wispy, silicified veins. 1-2% po>py,cpy within qtz/sulfide veinlets, rare crystalline qtz veins, and fractures within diorites; up to 4% locally. Tr moly. Lower contact: sharp, intensely sheared, intensely epidote/garnet/diopside altered.
RF89-29	181.90	232.87	FW Gabbro	Massive, homogenously textured, med-coarse grain footwall gabbro. Bull qtz veins present throughout. EOH
RF89-32	0.00	0.61	Overburden	Glacial outwash.
RF89-32	0.61	11.08	Regolith	Heavily weathered, dominantly red with regions of white/green coloration. From 10.37-10.98mv(34-36ft), rock becomes more homogenous, white/green, and contains intensely weathered qtz crystals, sapprolized felsic intrusion? No visible sulfides.
RF89-32	11.08	14.08	Felsic Intrusive	Brown/green qtz-rich intrusive with darkly colored, interstitial vfg minerals: biotite, feldspar, amphibole? Heavy fracturing throughout. Fracturing occurs both in random orientations, and along localized, moderately foliated planes. Fractures are filled with same dark-colored, vfg mineral suite that occurs interstitially. Epidotized regions present throughout unit, darker green alteration also present locally within qtz-rich regions. Intense alteration of qtz makes grain size difficult to distinguish. 1-3% disseminated py, tr cpy, present primarily within dark-colored, vfg minerals. Rare sulfide veinlets present within larger fractures. Rare unaltered qtz veins w/ tr to minor, localized sulfides.
RF89-32	14.08	19.90	Granofels	Heterogenous unit w/ fine to med-coarse grainsizes, moderately foliated, with localized regions of more intense foliation. Coarser-grained localities contain abundant unrounded, interlocking feldspar surrounding well defined amphibole/biotite grains and grain aggregates. Finer grained regions correspond with localized intense foliation, and more biotite/amphibole-rich compositions. A combination of both phases commonly occurs, where intensely foliated biotite/amphibole matrix is surrounding aggregates of coarser grained feldspar, which are often altered and appear broken. Strong feldspar alteration throughout, epidote alteration pods and disseminated patches of leucoxene present, but more localized to upper sections of unit. Minor-3% py,cpy? locally disseminated within finer grained, more foliated biotite/amphibole regions, and within small sulfide veinlets.
RF89-32	19.90	20.73	Felsic Intrusive	Sharply contacted, intensely fractured, Felsic Intrusive. Med grained Qtz, feldspar, with interstitial and fracture-filling melanocratic, finegrain minerals, biotie? Moderately altered, nothing distinctive. Minor py constricted to fracture filling dark, fine grain mineral suite.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-32	20.73	24.60	Metagabbro	Dark green/black heavily foliated biotite/amphibole-rich phyllite. Distinctive biotite lenses and bands present throughout unit. The more uniform, fine-grained nature of unit gives it a more homogenous appearance when compared to metagabbroic regions. The unit is moderately altered, nothing distinctive. Increased sulfides, also characterisitc of phyllite unit, are present as 3-5% py,minor cpy in both randomly and folia-oriented sulfide veinlets, and as disseminated aggregates along folia. A 0.2' brecciated qtz vein is present at the bottom of unit, with increased, localized, interstitial py,po aggregates
RF89-32	24.60	30.24	Metagabbro	Similar to above metagabbro, however, with increased foliation, and sulfide mineralization. 2-4% py, po present within sulfide veinlets and as disseminated aggregates. From 28.96-29.27m (95-96ft), rock becomes more brown and siliciceous, sulfide barren, possible intrusion, but is not very distinctive.
RF89-32	30.24	32.61	Felsic Intrusive	Similar to above felsic intrusions in mineralogy, sulfide content, and fabric.
RF89-32	32.61	44.31	Metagabbro	Similar to uphole metagabbro units.
RF89-32	44.31	57.73	Granofels	Dark green/grey fine grained, amphibole/biotite phyllite. Strong foliation present throughout. Upper contact is marked by gradational decrease in distinctive white, broken, altered feldspar crystals. Folia oriented biotite lenses present througout. Unit is moderately to strongly altered, with epidotized pods and veins/veinlets, and minor, to intense localized leucoxene. Near bottom of unit, dark, emerald green alteration is present locally in association with qtz veins. 4-7% py,po,cpy present within sulfide/qtz veins/veinlets, 2-5% po,py present as disseminated aggregates along folia planes. Lowest sulfide concentrations correlate with regions of strong leucoxene alteration. Larger qtz/sulfide veins w/ coarsely grained sulfides present from 47.56-47.68m (156.0-156.4ft), 52.68-52.80m (172.8-173.2ft), and 56.68-56.77m (185.9-186.2fr). From 47.56-47.68m (156.0-156.4ft), heavily epidote and red mineral, garnet? altered qtz vein, sulfide barren.
RF89-32	57.73	58.34	Felsic Intrusive	Grey/brown fine to med-fine grained micaceous rock. Unit displays schistose textures, and appears to be slightly weathered, as some fractured regions contain open void space. Finer grained biotite present in bands and lenses, coarser grained biotite present locally in diffuse pods. Under hand lense, slightly increased feldspar concentrations give unit a salt & pepper appearance. Moderate epidote alteration, minor tarnished po present as disseminated aggregates along folia planes. Magnetic throughout. Unit could represent fine-grained schistose metagabbro detailed in literature.
RF89-32	58.34	66.34	Granofels	Similar to above phyllite unit. Middle of unit experiences slight coarsening of grain size, and decrease in foliation. In more phyllitic regions, 2-6% po,py, minor cpy present in folia-oriented sulfide veinlets, and as disseminated aggregates along folia planes. Within coarser grained, less foliated regions, 3-7% po,py disseminated, and within randomly oriented, deformed qtz veins. Within coarser grained region, from 62.80-64.63m (206-212ft), altered, brecciated, deformed qtz veins are present, possible finger of underlying brecciated zone? These regions contain minor po,py. Unit is moderately to strongly altered. Near bottom of section, rock becomes darker green in color, fine grain chlorite alteration?
RF89-32	66.34	68.12	Felsic Intrusive	Heterogenous, moderately altered felsic dike swarm, Gradational upper contact where fingers/regions of more felsic intrusions mix with dark, fine grain foliated rocks of surrounding units. Intrusions are vary from medium grained, equigranular dioritic rock, to brownish, mottled, coarser grained, broken, qtz rich rock. 1-3% py,po present along folia planes, and within rare sulfde/qtz veinlets.
RF89-32	68.12	69.65	Granofels	Intensely altered qtz breccia zone. Upper contact marked by increased presence of randomly oriented qtz/sulfide veins and increased sulfide concentrations. Intense qtz alteration of deformed Felsic Intrusives near larger qtz veins. 3-5% localized po,py, present in randomly oriented qtz and sulfide veins.
RF89-32	69.65	75.53	Felsic Intrusive	Similar to above felsic intrusion unit. Epidote alteration of qtz veins present near lower contact. Lower portion of zone contains fingers of black/green underlying fine grain, phyllite unit. Lower contact is marked by the termination of a brown, mottled, foliated silicic intrusion. 1-3% py,po present along folia planes, and within rare sulfde/qtz veinlets.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-32	75.53	78.03	Granofels	Dark grey/green strongly foliated fine grain amphibole/biotite mafic. Characterisitic biotite lensoids present throughout unit. Intense light-dark green alteration near upper contact with intrusive unit. Lower contact marked by increased presense of randomly oriented sulfide/qtz veins/veinlets, and overall coarsening of grains. 1-4% po, py disseminated along folia planes, and in discontinuous qtz/sulfide veinlets.
RF89-32	78.03	79.66	Granofels	Dark grey, fine-medium grained breccia zone. Light to moderate foliation, biotite takes on a more brown coloration. Randomly oriented and deformed nature of increased sulfide and qtz veins is defining characteristic of unit. Moderate dark green alteration present in small fingers of host granofels unit. 3-6% po,py,minor cpy present in qtz/sulfide veins. Passes through X-section mineral zone "D".
RF89-32	79.66	81.44	Quartz Stockwork	Intensely altered qtz/stockwork unit. Numerous, randomly oriented, sulfide-mineralized qtz veins present throughout unit. Large Qtz vein is present from 79.91-80.18m (262.1-263.0ft). Dark-light green alteration is most intense in bottom half of unit, where fine grain, dark grey/green host granofels unit commonly interacts with qtz veining. Leucoxene alteration is also present in lower portion of unit, where it is commonly bound by biotite lensoids. 3-5% localized po,py,minor cpy present in common qtz/sulfide veins. Passes through X-section mineral zone "D".
RF89-32	81.44	84.66	Granofels	Dark grey-green intensely altered, locally foliated, breccia zone. Similarly to above breccia zone, defining characteristic is random orientation of sulfide and rare qtz veins. Intense dark-light green alteration present throughout unit, bounding sulfide veinlets and in large pods. Clots of light grey alteration also present in unit, coarse grained leucoxene? 2-5% po,py,minor cpy present primarily in sulfide veinlets. Disseminated sulfide aggregates also present in unit. Passes through X-section mineral zone "D".
RF89-32	84.66	96.35	Granofels	Typical dark grey/green, strongly foliated fine grain phyllite. Moderately altered via epidote and leucoxene. 2-5% po,py present as disseminated aggregates along folia planes, and within rare qtz/sulfide veins. Vein concentration increases near bottom of unit, but remain relatively concordant with foliated fabric.
RF89-32	96.35	97.29	Quartz Stockwork	Intensely altered qtz/stockwork unit. Frequent, fractured/deformed qtz veins ranging from 0.1' to 1.1'. Bottom contact is sharp, and is marked by intense epidote alteration of a large qtz vein. 2-4% po,py,minor cpy present as interstitial aggregates within qtz grains. Po,py disseminated within small regions of biotite-rich, fine grained, foliated rock, often bounding qtz veins.
RF89-32	97.29	103.14	Granofels	Dark grey/green foliated fine grain amphibole/biotite mafic. Characteristic biotite lensoids present throughout unit. Near upper contact with Quartz Stockwork veins, unit is intensely foliated, giving it a laminar appearance. Intense epidote alteration is present throughout unit in for form of pods, and around qtz veins. From 102.77-102.87m (337.1-337.4ft) intense epidote alteration is accompanied by a red altered mineral, garnet? 2-4% po,py, present as disseminated aggregates along folia planes. 3-5% po,py,minor cpy present locally within qtz veins and sulfide veinlets. Some qtz veins are randomly oriented, sulfide veinlets remain concordant with foliated fabric.
RF89-32	103.14	108.91	Granofels	Heterogenous Dark grey/green amphibole/biotite mafic. Compared to phyllite units, mineralogy remains similar, but foliation decreases, and grain sizes increase to medium, with interlocking feldspar grains. Small intervals of more phyllitic rock present throughout. Intense qtz, feldspar, epidote alteration throughout unit. From 105.72-106.33m (346.76-348.76ft), rock is composed of white, brecciated, altered felsics, relatively barren of sulfide mineralization, possible small felsic intrusion package. Heterogenous sulfide distribution. 2-4% po,minor cpy present as disseminated aggregates and sulfide veinlets along folia. Sulfides tend to be more concentrated within phyllitic, fine-grain, biotite-rich rock.
RF89-32	108.91	111.25	Granofels	Dark grey/green foliated fine grain amphibole/biotite mafic. Characteristic phyllite unit. Slight increase in deformed, broken qtz veins. 2-4% po,py present as disseminated aggregates and sulfide veinlets along folia planes. 4-6% localized po, cpy present in deformed qtz veins. Foliation intensifies down hole, biotite lenses become more linear, giving rock a laminar appearance at times.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-32	111.25	113.23	Quartz Stockwork	Quartz Stockwork unit w/ intense fracturing. Upper contact marked by increased presence of 0.4" deformed, fractured qtz vein. From 111.68-112.65m (366.3-369.5ft), massive fractured, altered qtz vein is present. 3-7% po,py,cpy present as sulfide veinlets running through fractures of qtz veins. In darker, more mafic pockets of qtz veins, po,py disseminated as intersitial aggregates. Lower contact marked by termination of qtz veining, and increased presence of fine-grain foliated rock.
RF89-32	113.23	127.65	Metagabbro	Medium grained biotite-amphibole rich metagabbro. Localized foliation present in finer grained regions. Sulfide barren qtz veins present throughout unit. Moderate epidote alteration present in localized pods, and around qtz veins. 1-3% py,po present as disseminated aggregates and rare sulfide veinlets along folia planes.
RF89-32	127.65	129.97	Quartz Stockwork	Quartz stockwork unit w/ large, up to 2", randomly oriented, deformed qtz veins. Intense light-dark green alteration in host metagabbroic rock and around qtz veins. Red alteration minerals, garnet? present within qtz veins, and green-altered regions. 1-3% po,py present as disseminated aggregates along folia planes in metagabbroic regions, 2-6% po,py, minor cpy localized in coarser-grained aggregates within qtz veins.
RF89-32	129.97	134.23	Metagabbro	Similar to above metagabbro unit. Shows increased levels of alteration, possibly due to overlying Quartz Stockwork, and underlying shatter breccia unit. Intensified foliation also accompanies increased alteration. Patchy, light green alteration present throughout unit, most commonly around deformed qtz veins. 2-5% localized py,po, cpy present in deformed qtz veins. 1-3% py,po present in localized, disseminated patches.
RF89-32	134.23	136.15	Metagabbro	Heterogenous, brecciated unit composed of deformed, epidote-altered qtz veins and brecciated patches. Minor red garnet alteration within heavily epidotized zones. Patches of host metagabbroic rock present throughout. Qtz veins are sulfide barren. Minor-3% localized py,po present within metagabbroic regions and in rare, unaltered qtz veins.
RF89-32	136.15	139.99	Metagabbro	Similar to above metagabbroic unit. Localized regions of intense foliation and biotite lenses. Moderate to intense leucoxene alteration present. Intensity of alteration increases near lower contact w/ Quartz Stockwork unit. 2-4% localized py,po present in rare deformed qtz veins, and folia oriented sulfide veinlets. 1-3% py,po present in localized, disseminated patches.
RF89-32	139.99	141.70	Quartz Stockwork	Quartz stockwork unit w/ large randomly oriented fractured and deformed qtz vein. Strong light-dark green alteration present in metagabbroic regions surrounding qtz vein. 2-4% py,po,cpy present within fractured regions of qtz vein, and in disseminated, biotite-rich patches surrounding qtz vein.
RF89-32	141.70	160.93	Metagabbro	Large dark green/grey amphibole-biotite metagabbroic unit, w/ shorter intervals of finer grained, more phyllitic rock of similar mineraology. Moderate to strong epidote alteration pods and veins throughout. Minor-3% localized py,po in rare sulfide veinlets, qtz veinlets, and disseminated patches.
RF89-32	160.93	164.59	Felsic Intrusive	Felsic Intrusives w/ smaller regions of more foliated, metagabbroic rock. Intrusives are lighter in color, coarser grained, and more equigranular than surrounding host rock. Intrusive packages are sulfide barren. More foliated regions house small, deformed, rare qtz veins, where 2-4% localized py,po are present.
RF89-32	164.59	178.28	Metagabbro	Similar to above metagabbroic unit in mineralogy and sulfide character.
RF89-32	178.28	191.08	Granofels	Dark grey/green fine grain, intensely foliated mafic, w/ characteristic biotite lenses throughout. Moderate leucoxene alteration present, and increases to intense alteration near rare folia oriented qtz veins. Regions with leucoxene alteration tend to be coarser grained, and a lesser degree of foliation. 2-5% po,py, minor cpy localized in rare qtz veins, and in disseminated patches in the vicinity of qtz veins and leucoxene alteration. 1-3% po,py disseminated throughout. From 186.89-191.12m (613-626.9ft), increased leucoxene, qtz alteration, and an increase in randomly oriented, fracture-filled sulfide veinlets. Increased alteration and and veining possibly due to presence of sharply contacted, dark grey, very fine grained, homogenous mafic rock from 184.85-185.06m (606.3-607ft). This unit could possibly be broken out as shatter breccia unit, but randomly-oriented sulfide veinlets are relatively minor and localized compared to other shatter breccia zones in hole.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-32	191.08	200.68	Metagabbro	Dark grey/black fine grain, gabbro. Upper portion of unit is uniform and homogenous in appearance, and is weakly altered. Moving downhole, towards lower contact with felsic dike swarm, light-dark green alteration becomes prevelant around qtz veins, and in regions where small fingers from underlying dike swarm are present. Accompanying increased alteration is an increase in foliation. In upper, homogenous portion of hole, minor-2% py,po uniformly disseminated and in rare sulfide/qtz veinlets. In lower, altered portion of hole, 1-3% sulfides present in sulfide/qtz veinlets, and as disseminated aggregates along folia planes.
RF89-32	200.68	204.67	Felsic Intrusive	Heterogenous light grey/green, intensely altered felsic dike swarm. Broken, deformed sulfide veins present throughout. Intense light green alteration present amongst felsic intrusions and along qtz veins in small intervals of fine-grain foliated gabbro. 2-4% localized py,po present in small broken qtz veins, minor-2% py,po disseminated within altered regions, and along folia planes in small gabbroic intervals. Lower contact marked.
RF89-32	204.67	206.23	Quartz Stockwork	Intensely altered, heterogenous Quartz Stockwork unit. Large, fractured, randomly oriented qtz veins set amongst altered Felsic Intrusives and small fingers of gabbro. Light-dark green alteration present throughout unit. Intrusive regions are heavily fractured, sheared, and have distinctive, white and brown qtz alteration. Minor-3% py,py disseminated within green alteration patches, and within smaller, deformed qtz veins. Large qtz veins carry minor sulfides.
RF89-32	206.23	212.45	FW Gabbro	Continuation of above Felsic Intrusive/dike swarm package, set in fine grain gabbro. Unit is intensely and uniformly sheared throughought entire unit. Moderate to strong light-dark green alteration present throughout unit, especially around deformed, boudined qtz veins. Relatively uniform sulfide distribution. Minor-2% py,po disseminated and in rare sulfide veinlets along shear planes. 2-3% localized py,po present in rare, broken/deformed qtz veins.
RF89-32	212.45	216.10	FW Gabbro	Dark grey/black fine grain gabbro. Unit is strongly foliated, and contains sheared qtz veinlets throughout. Moderate light-dark green alteration bounding, and within qtz veins. 1-3% py,po present as disseminated aggregates and sulfide veinlets along folia planes. 2-4% localized py,po present in deformed qtz veinlets.
RF89-32	216.10	229.51	FW Gabbro	Heterogenous, coarse-grained granite porphyry. Randomly oriented qtz veins present throughout. Moderate light green alteration present throughout. Unit contains tr py,po in small qtz veinlets. E.O.H.
RF89-33	0.00	0.50	Overburden	Dark brown clay/silt/organic mixture
RF89-33	0.50	2.44	Overburden	Light brown, mod weathered, clay/silt/sand mixture w/ rounded pebbles. Poor recovery
RF89-33	2.44	22.25	Regolith	Fine-med grain, strongly-intensely weathered, locally sheared, feldspar/ferromag mafic regolith. Strong iron oxidation, strong chalky albite? Alteration throughout. Infrequent, weathered qtz veinlets/veins. From 7.79-8.6: massive, light grey/green, mod weathered talc/mica-rich interval. From 13.11-13.25: mod-stained crystalline qtz frags up to 6cm. From 19.0m-lower contact: mod-strongly weathered, strongly hematite-oxidized w/ qtz-carb, chlorite veinlets. tr visible metallic minerals. Lower contact: sharp 70 deg to c.a.
RF89-33	22.25	56.50	Granofels	Variable unit. F.g., sheared (50-60 deg to c.a.), dark grey/green feldspar/ferromag/biotite/magnetite groundmass supporing sheared biotite bands/lenses, indistinct diorite clasts, deformed qtz veins/veinlets, mod silicified regions-commonly w/ mod epidote/diopside/garnet alteration. Localized light grey/green, sheared, mica-altered intervals present. Minor-2% py, tr po,cpy in sulfide veinlets, qtz veinlets/vein clasts, and disseminated patches. Up to 3% locally.
RF89-33	56.50	63.40	Granofels	Fine grained, green, mod-strongly sheared (50-60 deg to c.a.), clastic, ferromag/biotite-rich groundmass w/ frequent qtz/sulfide veinlets, deformed veins/clasts. Mod silicification, minor-mod light grey mica alt? give unit mottled, blurry, green/blue/grey appearance. sheared biotite bands/lenses common. 1-3% Po>py,cpy within qtz/sulfide veinlets, veins and clasts. Up to 5% locally. Lower contact gradational.
RF89-33	63.40	81.00	Metagabbro	Similar to above metagabbro unit from 22.25-56.50m. Minor-2% po>py,cpy within fractures, sulfide/qtz veinlets, clasts. Structures 60-70 deg to c.a.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-33	81.00	99.00	Granofels	Fine grain, green/dark grey, mod-strongly sheared (70 deg to c.a.), locally clastic, ferromag/biotite/magnetite-rich mafic volcancis. Abun biotite in sheared bands and lenses. Frequent sulfide/qtz veinlets throughout. From 87.6-88.30m: strongly fractured, crystalline Quartz Stockwork vein overlying small, sheared diorite interval. 1-3% po>cpy,py in sulfide/qtz veinlets, clasts, and as open-space fillings within crystalline Quartz Stockwork vein. Up to 4% locally. Lower contact 70 deg to c.a.
RF89-33	99.00	101.70	Granofels	Light-dark grey, f.g., mod-strongly sheared (60-70 deg to c.a.) mafic volcanics. Biotite common in sheared lenses. Tremolite alteration, silicification common throughout, giving rock a blurry, mottled appearance. Light grey mica alteration common throughout, giving rock light grey coloration. Qtz/sulfide veinlets/veins/clasts common. 1-3% po>py>cpy as open-space fillings within qtz veins/clasts, and in frequent qtz/sulfide veinlets.
RF89-33	101.70	102.70	Quartz Stockwork	Strongly silicified, Minor-mod-weathered, pocky, clastic/fractured crystalline stockwork qtz vein. Qtz/sulfide veins/veinlets common along margins of stockwork vein. 2-4% py>po>cpy as open space fillings within qtz. Up to 6% locally. Structures 60-70 deg to c.a.
RF89-33	102.70	114.20	Granofels	Similar to above mafic volcanic unit from 99.00-101.70m. minor epidote alt, minor-mod silicification. 1-3% po>py>cpy as open-space fillings within qtz veins/clasts, and in frequent qtz/sulfide veinlets. Structures 60-70 deg to c.a.
RF89-33	114.20	116.70	Quartz Stockwork	0.5m sheared, white/brown diorite intrusive at top of interval into large, fractured/clastic crystalline Quartz Stockwork veins. Stockwork set in f.g., sheared, black, biotite-rich groundmass w/ abundant qtz/sulfide veins/veinlets. 3-6% po>py,cpy as open-space fillings within stockwork, and within qtz/sulfide veinlets along margins of larger stockwork veins. Structures 60-70 deg to c.a.
RF89-33	116.70	121.31	Granofels	F.g., biotite/ferromag-rich, mod-strongly sheared (60-70 deg to c.a.) mafic volcanics w/ biotite common in bands and layers. Qtz/sulfide veinlets throughout. Minor epidote alteration in silicifed veins/patches. 1-2% po,py,cpy within qtz/sulfide veinlets.
RF89-36	0.00	2.44	Overburden	
RF89-36	2.44	16.31	Regolith	Saprolite, highly weathered/oxidized gabbro, indicated by intrusive textures in less weathered zones. Intervals of strong talc/chl alteration that becomes more commone with depth. No visible sulfides.
RF89-36	16.31	21.50	Metagabbro	Fine-medium grained, light to moderately sheared, magnetic gabbro with weak-moderate chlorite alteration. Leucoxene present. Interval is cut by two dikes: 17.68-18.2, 43 degree lower contact, fg mafic dike, weakly magnetic; 20.05-21.5, 35 degree upper contact, cg granitic dike, quartz rich, magnetic. Within the overall zone there are a few disrupted sulfide veinlets and sulfides along foliations. Trace- 1% pyrite.
RF89-36	21.50	39.00	Metagabbro	Medium-coarse grained, magnetic gabbro that alternates between weak-moderate shearing and no shearing. Most of the interval was at least weakly sheared. Unsheared zones at 25.2-27.8, 29.65-31.1, 31.95-35. At 35-39m, weakly sheared with sausseritized felspars, weakly magnetic. Overall, 0.5-1.5% sulfides (mostly pyrite) with zones where sulfides are trace. Generally, sulfides seemed to increase in abundance with depth.
RF89-36	39.00	47.60	Metagabbro	Moderately-strongly sheared gabbro with weak-moderate biotite and moderate chlorite alteration. Occasional strong, patchy epidote alteration. Heterogenous sulfide content, 2% overall, locally up to 15%. Sulfides mostly within foliations. Occasional quartz veins and small silicified zones with disseminated sulfides.
RF89-36	47.60	56.10	Metagabbro	Medium grained gabbro alternating between weak-moderate shearing with weak biotite alteration and unsheared gabbro. Mostly unsheared and weakly sheared with small zones of moderate shearing. One longer zone of mod shearing at 51.2-52m at 55 degrees. 2-3% fine grained disseminated sulfides found in foliations where gabbro is sheared. po=py overall but proportions shift at 51.2m, above 51.2 being py dominate and below 51.2 being po dominate.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-36	56.10	57.32	Granofels	Highly altered and disrupted/"swirly" in appearace. Strong epidote alteration with silicified zones. Another redish/brown, glassy mineral present and abundant, with a few crystals showing striations, garnet?? 1-2% sulfides that are very fine grained and disseminated mostly in the quartz altered zones and also within sulfide veinlets. (1.5% py, 0.5-1% po, trace cp)
RF89-36	57.32	60.40	Metagabbro	Coarse grained, weakly sheared gabbro with patchy strong tourmaline alteration and moderate biotite alteration. Coarse grained leucoxene present. 4-5% fine grained disseminated sulfides. (4% py, 1% po)
RF89-36	60.40	61.40	Granofels	Highly altered, disrupted zone. Hard, strong silicified rock with patchy, strong epidote alteration. Overall trace sulfides but locally abundant pyrite
RF89-36	61.40	70.64	Granofels	Fine grained Mafic Dike. Non-weakly magnetic. Disrupted/altered zones near both contacts. Overall, 5% very fine grained, disseminated py, po, and possible cp that are very tarnished and hard to identify for sure. At 67.07-68.29, magnetic, coarse grained gabbro inclusion with no-weak shearing.
RF89-36	70.64	80.57	Metagabbro	Medium grained, magnetic gabbro with no-light shearing. Weak-moderate biotite alteration with biotite as elongated blebs. Sausseritized feldspars in zones with no shearing. Occasional carbonate veinlets as well as po + magnetite veinlets. Occasional coarse grained leucoxene. Fine grained, disseminated sulfides that increase in abundance with depth. Overall, 1.5-2% with local patches up to 5%. po=py
RF89-36	80.57	90.05	Granofels	Fine grained, weakly sheared intrusive. Weak-moderate biotite/chlorite alteration. Quartz veins and highly silicified zones. 80.57-81.56 is a strongly silicified intrusive with 1% fine grained disseminated pyrite. 84.6-85.5 is a zone that is strongly silicified with common quartz veins and fine grained leucoxene. 85.5-90.05, common weak silicification. Abundant sulfide veins, especially within the non-silicified zones. Very fine grained disseminated sulifes also present. Overall 5-6% po=py, cp?
RF89-36	90.05	92.95	Granofels	Moderately-strongly silicified with small zones showing moderate shearing and moderate biotite/chlorite alteration. Common quartz veins with a brecciated appearance. Fine grained disseminated sulfides locally abundant within quartz veins. 2-3% sulfides overall and up to 7% locally. (1.5% py, 1% po, trace cp)
RF89-36	92.95	95.15	Granofels	Weakly sheared with small zones of weak silicification. Sulfides within veins and along foliation. 2-3% sulfides overall. (2% py, 0.5-1% po, trace cp)
RF89-36	95.15	98.15	Granofels	moderately silicified zone that begins with very strong biotite, sericite, talc alteration (95.15-95.85) and ends with strong sericite, white mica, biotite alteration (97.6-98.15). Both intervals show small zones of silicification. Fine grained disseminated sulfides present as well as sulifdes within veinlets. 1-2% sulfides overall. (1% py, 1% po, trace-0.5% cp)
RF89-36	98.15	107.36	Granofels	Weakly sheared/altered intrusive with weak-moderate chlorite/biotite alteration. Occasional quartz/epidote veins. Weak-moderate sausseritization of the feldspars. 1% fine grained, elongated sulfides within foliations. (0.5 % py, 0.5% po, trace cp)
RF89-36	107.36	113.20	Granofels	Moderate, locally strong, silicification and occasional quartz veining. 1% fine grained, disseminated sulfides and sulfides within veinlets. (0.5% cp, 0.5% po, trace py)
RF89-36	113.20	116.00	Granofels	Weakly-moderately sheared intrusive with weak biotite alteration. In zones of weak shearing, there are sausseritized felspars. Fine grained sulfides found along foliations, 1.5% overall. (1% po, 0.5% cp)
RF89-36	116.00	117.15	Granofels	Felsic dike, with an irregular upper contact and about 60 degree lower contact. Quartz rich with trace sulfides
RF89-36	117.15	120.22	Granofels	Weakly-moderately sheared intrusive with weak-moderate biotite alteration and medium grained leucoxene. Small zones of silicification near lower contact. Abundant sulfide veinlets, as well as, fine grained disseminated sulfides throughout. Overall 4-5% sulfides. (3.5% po, 1% cp, 0.5% py)
RF89-36	120.22	121.85	Granofels	Strongly silicified zone with very small zones of biotite alteration and sulfide veinlets. 1% fine grained, disseminated sulfides within silicified zones. (0.5% po, 0.5% cp)

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-36	121.85	126.90	Granofels	Weakly sheared, highly altered zone with a few small felsic dikes at 123.23-123.45, 124.3-124.5. Fine grained-aphanitic, mafic, weakly sheared rock with weak biotite alteration, weak-moderate chlorite alteration, and strong, patchy epidote alteration. Abundant fine grained leucoxene present. 2% fine grained, disseminated sulfides that are strongly associated with epidote alteration and small silicified zones. (1.5% po, 0.5% cp)
RF89-36	126.90	130.80	Quartz Stockwork	Weakly biotite altered with brecciated quartz veins and strong, patchy epidote alteration. Abundant leucoxene present. 5% sulfides found mostly within micro fractures in the quartz and with the epidote alteration. (3% po, 1% py, 1% cp)
RF89-36	130.80	138.60	Quartz Stockwork	Large, abundant quartz veins within silicified rock. Small zones of moderately-strongly sheared, strong biotite altered rock. Variable abundant sulfides, 8% overall found mostly within quartz veins and strongly silicified zones as very coarse grained, interstitial grains. Sulfide veinlets also present and fine grained, disseminated sulfides in quartz poor zones. (5% po, 1.5% py, 1.5% cp)
RF89-36	138.60	148.30	Granofels	Moderately-strongly sheared with weak-moderate biotite/chlorite alteration. Strong, patchy epidote/quartz alteration throughout. At 144.1-144.56, a quartz vein with abundant sulfides within (4% po, 1% py). Overall, 2%, fine grained, disseminated sulfides. (1.5% po, 0.5% py). Abundant, rounded magnetite and fine grained leucoxene.
RF89-36	148.30	168.65	Felsic Intrusive	From 148.3-155.3, Unsheared, heterogenous, magnetic zone. Coarse grained, quartz rich, altered (sausseritized) intermediate-Felsic Intrusive alternating with fine grained, mafic rock. Strong, patchy epidote alteration in quartz rich zones. 4% fine grained disseminated sulfides and sulfides within veinlets. Very tarnished. (3% po, 1% py). From 155.3-156.4, strongly sheared mafic intrusive, magnetic, with moderate biotite/chlorite alteration. Occasional small, brecciated quartz veins. 4% fine, elongated sulfides within foliations. (3.5% po. 1% py). From 156.4-168.65, medium-coarse grained, quartz rich, sausseritized, intermediate-Felsic Intrusive that is weakly-moderately sheared with zones of no shearing. Common brecciated quartz veins. 166-168.65 is more intensely altered with patchy, strong epidote and a red, glassy mineral. 6% fine grained disseminated sulfides most abundant in quartz rich, sausseritized zones. (4% po, 2% py, trace cp) At 156.8-158.1, 15% interstitial, locally net textured sulfides within brecciated quartz veins. (12% po, 1.5% py, 1.5% cp)
RF89-36	168.65	177.00	Felsic Intrusive	Moderately-strongly sheared, coarse grained Felsic Intrusive. Weakly magnetic. 1% fine grained disseminated sulfides found mostly within foliations. (0.75% po, 0.25% py)
RF89-36	177.00	180.79	Granofels	Moderately sheared mafic volcanic rock. Weak biotite, moderate chlorite alteration with occasional quartz/carbonate veinlets. Trace Sulfides
RF89-36	180.79	190.65	FW Gabbro	Medium grained, unsheared, altered gabbro. Moderate-strong biotite/tourmaline alteration and local sausseritization. Quartz/carbonate veinlets throughout. Small zones like 177-180.79, moderately sheared aphanitic mafics at 182.8-184. Trace sulfides
RF89-36	190.65	196.90	FW Gabbro	Moderately sheared, very fine grained-aphanitic mafics. Occasional quartz/carbonate veinlets. Sulfide barron
RF89-36	196.90	208.84	FW Gabbro	Medium grained, unsheared gabbro. Trace sulfides. Local, strong sausseritization. Quartz/carbonate veinelts throughout.
RF89-37	0.00	3.35	Regolith	NO CORE RECOVERED FROM 0.00-3.35m
RF89-37	3.35	17.34	Regolith	Strongly-intensely weathered regolith. Locally sheared. From 3.35-14.63m: mod-strongly red hematite oxidized metagabbro protolith. Yellow/orange-weathered patches/intervals common throughout. From 15.63m-lower contact: white/green, f.g., chalky, mod-strongly weathered, tr-minor oxidized qtz diorite protolith? strongly weathered, stained qtz veinlets infrequently throughout. From 17.10m-lower contact: crumbly sand/gravel/clay interval w/ assorted rock frags, including 4cm minor stained qtz frag. No visible sulfide mineralization. Lower contact: sharp.

APPENDIX C - Drillhole Database - Table 3 - All Geology				
BHID	**FROM (m)**	**TO (m)**	**ROCK**	**DESCRIPTION**
RF89-37	17.34	58.52	Metagabbro	Variable unit. Grey/green, fine-med grain, locally ophitic feldspar/ferromag metagabbro. Locally sheared, f.g. biotite-rich intervals common throughout. Rare, indistinct brown/grey/white diorite patches/clasts throughout. Patchy, white albite alteration common throughout. Mod epidote alteration common in wispy, silicified veins and patches. Sulfidic epidote-altered veins commonly sub-parallel to C.A. (20 deg) Minor-2% localized py>>po,cpy in sulfide veinlets, and epidote-altered qtz veins. Lower contact: gradational/indistinct.
RF89-37	58.52	61.57	Felsic Intrusive	Brown/grey/green/white, med grain, clastic/fractured, indistinct qtz diorite intrusive swarm supported by f.g. dark grey/black feldspar/ferromag/biotite-rich groundmass. Mod silicification throughout gives unit mottled/blurry appearance. Minor-2% po>py>cpy within qtz/sulfide veins/veinlets present within fractures of qtz diorite and within f.g. sheared, groundmass-rich regions. Lower contact: gradational/indistinct.
RF89-37	61.57	77.11	Granofels	Blue/grey, mod-strongly silicified mafic volcanic. Unit has indistinct/blurry/mottled appearance. Randomly oriented, fractured, crystalline qtz/sulfide veins and veinlets common throughout. Qtz veins up to 5cm thickness present throughout, commonly w/ epidote alteration. Minor-2% po,py>cpy within qtz/sulfide veinlets throughout. Lower contact: indistinct/gradational.
RF89-37	77.11	105.46	Granofels	Dark grey, fine grain, strongly silicified mafic volcanics. Light grey alteration? in 1-2mm patches disseminated throughout and gives unit distinct speckled appearance. Frequent, randomly oriented crystalline qtz veins/veinlets throughout (up to 10 cm thickness). Localized epidote alteration common throughout. 1-3% po>py>cpy within sulfide/qtz veinlets, randomly oriented crystalline qtz veins/veinlets, and disseminated throughout. Up to 6% locally in large crystalline qtz veins. Lower contact: indistinct/gradational.
RF89-37	105.46	109.96	Felsic Intrusive	Similar to above Felsic Intrusive interval from 192.00-220.30m. Light grey/blue color. Lower contact: sharp.
RF89-37	109.96	132.00	Granofels	Similar to mafic volcancis from 253.00-346.00m. Dark grey, fine grain, strongly silicified mafic volcanics. Light grey alteration? in 1-2mm patches disseminated throughout, gives unit distinct speckled appearance. Frequent, randomly oriented crystalline qtz veins/veinlets throughout (up to 10 cm thickness). 2-5% po>py,cpy within sulfide/qtz veinlets, randomly oriented crystalline qtz veins/veinlets, and disseminated throughout, up to 8% locally in large crystalline qtz veins.
RF89-37	132.00	165.30	Metagabbro	Variable unit. Mod-strongly sheared, f.g., biotite/feldspar/ferromag groundmass supporting localized, minor-mod-altered qtz diorite intrusive intervals; sub-ophitic grey/green feldspar-ferromag metagabbro, and locally clastic, variably oriented crystalline qtz veins/veinlets. Sheared biotite lenses/bands common throughout. Minor-mod epidote alt common near lower contact. Minor-2% po, cpy, as open-space fillings within qtz veins, and within frequent sulfide/qtz veinlets. Lower contact: gradational, indistinct.
RF89-37	165.30	172.90	Quartz Stockwork	Large (up to 1m), strongly fractured/clastic, white-grey crystalline Quartz Stockwork veins set in strongly-intensely sheared, black biotite-rich groundmass. White/brown, strongly sheared, mod-strongly silicified qtz diorite intrusive intervals common throughout. Some qtz veins strongly-intensely epidote/garnet/diopside-altered. 1-3% py,cpy,po as open-space fillings within qtz veins and as qtz/sulfide veins/veinlets within fractures of qtz diorite intrusive. Up to 7% locally in large qtz vein. Lower contact: sharp.
RF89-37	172.90	180.75	FW Gabbro	Grey/green, med grain, massively textured feldspar/ferromag footwall gabbro. Barren qtz veins, veinlets common throughout. Tr-minor po,py,cpy in rare mineralized qtz veins/veinlets. EOH

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
GBP-1	AQA-10751	0	3.2	8.401	3	0.0066	0.22	0.01
GBP-1	AQA-10753	3.2	3.8	0.21	2.5	0.0086	0.07	0
GBP-1	AQA-10754	3.8	5.5	0	0.7	0.01	0.03	0
GBP-1	AQA-10755	5.5	6.4	0	0.3	0.0038	0.06	0
GBP-1	AQA-10756	6.4	7.8	0	0.2	0.0056	0.04	0
GBP-1	AQA-10757	7.8	8.4	0	0.2	0.0324	0.04	0
GBP-1	AQA-10758	8.4	11	0	0.05	0.0099	0.06	0
GBP-1	AQA-10759	11	11.7	0.008	0.5	0.0142	0.03	0.01
GBP-1	AQA-10760	11.7	12.5	6.086	2.5	0.0145	0.17	0
GBP-1	AQA-10762	12.5	13.7	0.157	1.5	0.0086	0.09	0.01
GBP-1	AQA-10763	13.7	15.3	0.005	0.6	0.0196	0.42	0.03
GBP-1	AQA-10764	15.3	16.3	0.017	0.2	0.0101	0.08	0.01
GBP-1	AQA-10765	16.3	17.8	0.314	0.05	0.0194	-999	-999
GBP-1	AQA-10766	17.8	19.4	0.04	0.7	0.1151	0.03	0.62
GBP-1	AQA-10767	19.4	20.9	0.042	0.9	0.0734	0.33	1.03
GBP-1	AQA-10768	20.9	22.4	0.053	0.8	0.0614	0.59	1.6
GBP-1	AQA-10769	22.4	23.8	0.023	0.4	0.022	0.09	0.69
GBP-1	AQA-10770	23.8	25.3	0.018	0.05	0.0279	0.28	0.51
GBP-1	AQA-10771	25.3	26.8	0.217	0.4	0.0802	0.24	1.78
GBP-1	AQA-10772	26.8	28.2	2.771	17.7	0.0506	0.1	0.25
GBP-1	AQA-10773	28.2	30	0.01	0.2	0.0343	0.11	0.03
GBP-1	AQA-10774	30	31.5	0.482	1	0.2079	0.85	1.73
GBP-1	AQA-10775	31.5	33	0.069	0.6	0.0699	0.03	2.61
GBP-1	AQA-10776	33	34.7	0.053	0.3	0.0398	0.05	1.4
GBP-1	AQA-10778	34.7	36.2	0.082	1.1	0.0583	0.02	1.98
GBP-1	AQA-10779	36.2	37.8	0.136	1.3	0.0865	0.05	3.46
GBP-1	AQA-10780	37.8	39.3	0.031	0.6	0.0572	0.02	1.46
GBP-1	AQA-10781	39.3	40.8	0.081	1.3	0.0762	0.23	2.44
GBP-1	AQA-10782	40.8	42.3	0.045	1.3	0.0803	0.02	3.02
GBP-1	AQA-10783	42.3	43.8	0.093	1.6	0.0692	0.25	3
GBP-1	AQA-10784	43.8	45.3	0.146	1.8	0.1145	0.69	3.29
GBP-1	AQA-10785	45.3	46.9	0.278	2	0.0831	0.06	3.13
GBP-1	AQA-10786	46.9	48.4	0.09	1.7	0.0562	0.66	2.5
GBP-1	AQA-10787	48.4	49.9	0.055	0.8	0.038	0.11	1.54
GBP-1	AQA-10788	49.9	51.4	0.19	0.8	0.0485	0.03	1.65
GBP-1	AQA-10789	51.4	52.9	0.032	0.5	0.0407	0.02	1.65
GBP-1	AQA-10790	52.9	54.4	0.095	0.7	0.0588	0.04	1.96
GBP-1	AQA-10791	54.4	55.8	0.065	0.9	0.0555	0.03	1.4
GBP-1	AQA-10792	55.8	57.3	0	0.3	0.0251	0.11	0.41
GBP-1	AQA-10794	57.3	58.8	0	0.05	0.0024	0.11	0.04
GBP-1	AQA-10795	58.8	60.3	0.016	0.05	0.0057	0.02	0.21
GBP-1	AQA-10796	60.3	61.4	0.568	1.5	0.0844	0.12	2.46
GBP-1	AQA-10797	61.4	62.9	0.287	0.4	0.0169	0.04	0.49
GBP-1	AQA-10798	62.9	64.4	0.175	0.6	0.0479	0.04	0.67
GBP-1	AQA-10799	64.4	66	0.018	0.4	0.0484	0.04	0.34
GBP-1	AQA-10800	66	68	0	0.05	0.0128	0.06	0.14

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
GBP-2	AQA-10801	0	0.91	0	1.2	0.0032	1.66	0.04
GBP-2	AQA-10803	0.91	4	0	4	0.0088	0.11	0.02
GBP-2	AQA-10804	4	5	0	0.05	0.0032	0.03	0.01
GBP-2	AQA-10805	5	6	0	0.05	0.0059	0.03	0.01
GBP-2	AQA-10806	6	7	0	0.1	0.0069	0.03	0
GBP-2	AQA-10807	7	8	0.041	0.05	0.0117	0.13	0
GBP-2	AQA-10808	8	9	0.346	0.1	0.0096	0.03	0.02
GBP-2	AQA-10809	9	10.05	0.93	0.05	0.0061	0.03	0
GBP-2	AQA-10810	10.05	11	1.584	0.3	0.0107	0.03	0.02
GBP-2	AQA-10811	11	11.75	0.022	0.1	0.0235	0.62	0.06
GBP-2	AQA-10812	11.75	12.25	0.04	0.2	0.0339	0.04	0.87
GBP-2	AQA-10813	12.25	13.5	0.031	0.1	0.0121	0.03	0.44
GBP-2	AQA-10814	13.5	15	0.034	0.2	0.0218	0.02	0.44
GBP-2	AQA-10815	15	16.5	0	0.05	0.0084	0.02	0.29
GBP-2	AQA-10816	16.5	18	0	0.1	0.0139	0.08	0.39
GBP-2	AQA-10817	18	19.5	0.064	0.2	0.011	0.04	0.39
GBP-2	AQA-10818	19.5	20	0.071	0.5	0.0365	0.04	1.77
GBP-2	AQA-10819	20	21.5	0.077	0.5	0.0501	0.13	2.36
GBP-2	AQA-10820	21.5	23	0.074	0.1	0.0146	0.14	0.65
GBP-2	AQA-10821	23	24.5	2.092	0.3	0.0261	0.06	1.64
GBP-2	AQA-10824	24.5	26	0.377	0.5	0.0511	0.24	2.66
GBP-2	AQA-10825	26	27.5	0.098	0.7	0.0941	0.07	3.19
GBP-2	AQA-10826	27.5	29	0.088	0.3	0.0432	0.13	2.04
GBP-2	AQA-10827	29	30.5	0.065	0.1	0.0132	0.27	0.92
GBP-2	AQA-10828	30.5	31.2	0.126	0.2	0.037	0.2	0.73
GBP-2	AQA-10829	31.2	32.5	0.202	0.1	0.0166	0.49	0.22
GBP-2	AQA-10830	32.5	34	0.874	0.3	0.0891	0.22	0.28
GBP-2	AQA-10831	34	35.4	0.526	0.2	0.0802	0.03	0.65
GBP-2	AQA-10832	35.4	36	2.484	0.2	0.0786	0.16	0.44
GBP-2	AQA-10833	36	37.45	0.325	0.05	0.0416	0.21	0.13
GBP-2	AQA-10834	37.45	39	0.192	1	0.0881	0.04	1.61
GBP-2	AQA-10835	39	40.5	0.205	1.6	0.0717	0.19	1.39
GBP-2	AQA-10836	40.5	41.9	0.123	1	0.0577	0.16	1.75
GBP-2	AQA-10837	41.9	42.4	0.322	2.2	0.1639	0.03	4.8
GBP-2	AQA-10838	42.4	44	0.192	1.4	0.0742	0.25	2.46
GBP-2	AQA-10839	44	45.5	0.135	0.7	0.0503	0.49	1.21
GBP-2	AQA-10840	45.5	47	0.053	0.3	0.0417	0.12	1.45
GBP-2	AQA-10841	47	48.3	0.084	1	0.092	0.12	3.07
GBP-2	AQA-10842	48.3	49.7	0.065	1	0.0411	0.28	1.28
GBP-2	AQA-10843	49.7	50.32	0.238	1.5	0.0833	0.13	2.53
GBP-2	AQA-10846	50.32	51.22	0	1	0.0808	0.08	2.83
GBP-2	AQA-10847	51.22	52.2	0.256	1.8	0.1361	0.03	3.75
GBP-2	AQA-10848	52.2	53.6	0.143	1.3	0.111	0.02	3.3
GBP-2	AQA-10849	53.6	54.6	1.001	2.5	0.1685	0.02	5.79
GBP-2	AQA-10850	54.6	55.1	0.726	2	0.0981	0.03	3.88
GBP-2	AQA-10851	55.1	56.5	0.505	1.4	0.0803	0.03	2.78

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BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
GBP-2	AQA-10852	56.5	58	0.212	1.1	0.0693	0.02	2.63
GBP-2	AQA-10853	58	59.5	0.269	0.9	0.0457	0.02	2.13
GBP-2	AQA-10854	59.5	61	0.413	0.6	0.0359	0.03	1.54
GBP-2	AQA-10855	61	62.5	0.284	1	0.0798	0.03	3.14
GBP-2	AQA-10856	62.5	64	2.578	1.4	0.1115	0.1	1.87
GBP-2	AQA-10857	64	65.5	2.383	0.7	0.0521	0.03	0.71
GBP-2	AQA-10858	65.5	67	0.028	0.2	0.0118	0.08	0.34
GBP-2	AQA-10859	67	69	0.007	0.1	0.0201	0.1	0.23
GBP-2	AQA-10860	69	70.95	0.023	0.2	0.0273	0.05	0.51
GBP-3	AQA-10861	0	1.22	0.04	13.4	0.0069	2.28	0.04
GBP-3	AQA-10862	1.22	4.27	2.959	3.4	0.0083	1.91	0.03
GBP-3	AQA-10863	4.27	5.03	0.229	0.3	0.0069	0.03	0.01
GBP-3	AQA-10864	5.03	6	0.029	0.05	0.009	0.02	0
GBP-3	AQA-10865	6	7.32	0.072	0.05	0.012	0.09	0.01
GBP-3	AQA-10866	7.32	8.45	0.005	0.05	0.0242	0.09	0.22
GBP-3	AQA-10867	8.45	10	0	0.05	0.0113	0.02	0.34
GBP-3	AQA-10868	10	11.5	0.016	0.2	0.0144	0.03	0.55
GBP-3	AQA-10869	11.5	13	0	0.4	0.0156	0.02	0.67
GBP-3	AQA-10870	13	13.72	0.028	0.5	0.0244	0.1	1.19
GBP-3	AQA-10871	13.72	15	0.018	0.2	0.01	0.03	0.54
GBP-3	AQA-10872	15	16.56	0	0.05	0.0092	0.04	0.42
GBP-3	AQA-10873	16.56	18	0.013	0.2	0.0217	0.02	1.11
GBP-3	AQA-10874	18	19.51	0.012	0.05	0.0161	0.02	0.66
GBP-3	AQA-10875	19.51	21	0.105	0.5	0.0467	0.07	2.38
GBP-3	AQA-10876	21	22.56	0.049	0.6	0.0724	0.02	3.11
GBP-3	AQA-10877	22.56	24	0.058	0.8	0.0995	0.02	4.17
GBP-3	AQA-10878	24	25.5	0.053	0.9	0.1063	0.02	3.68
GBP-3	AQA-10879	25.5	27	0.076	1.1	0.1822	0.02	4.38
GBP-3	AQA-10880	27	28.5	0.093	0.9	0.1275	0.02	5.04
GBP-3	AQA-10883	28.5	29.5	0.076	1.1	0.117	0.03	4.56
GBP-3	AQA-10884	29.5	30.8	0.035	0.7	0.0742	0.03	1.81
GBP-3	AQA-10885	30.8	31.7	0.03	0.05	0.0253	0.11	0.36
GBP-3	AQA-10886	31.7	33	0.012	0.05	0.0051	0.3	0.05
GBP-3	AQA-10887	33	34	0.117	0.05	0.0048	0.94	0.03
GBP-3	AQA-10888	34	35.3	0.22	0.1	0.0222	0.08	0.13
GBP-3	AQA-10889	35.3	35.9	1.093	0.3	0.0216	0.98	0.03
GBP-3	AQA-10890	35.9	37.5	2.155	0.2	0.0154	0.05	0.14
GBP-3	AQA-10891	37.5	39	0.046	0.05	0.0281	0.37	0.07
GBP-3	AQA-10892	39	40.5	0.066	0.05	0.0368	0.76	0.15
GBP-3	AQA-10893	40.5	41.5	0.083	0.2	0.0198	1.15	0.66
GBP-3	AQA-10894	41.5	42.6	0.087	0.6	0.0548	1.35	1.06
GBP-3	AQA-10895	42.6	44	0.011	0.3	0.0247	0.2	0.5
GBP-3	AQA-10896	44	45.5	0.028	0.1	0.0092	0.04	0.54
GBP-3	AQA-10897	45.5	47	0.012	0.05	0.0049	0.03	0.35
GBP-3	AQA-10898	47	48.5	0.018	0.1	0.0118	0.03	0.65
GBP-3	AQA-10899	48.5	50	0.073	0.4	0.0134	0.02	0.66

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
GBP-3	AQA-10900	50	51.5	0.034	0.1	0.0117	0.02	0.52
GBP-3	AQA-10901	51.5	53	0.044	0.2	0.0125	0.02	0.73
GBP-3	AQA-10904	53	54.5	0.025	0.2	0.0145	0.02	0.76
GBP-3	AQA-10905	54.5	56	0.096	0.6	0.0724	0.02	1.83
GBP-3	AQA-10906	56	57	0.337	1.9	0.2084	0.03	5.57
GBP-3	AQA-10907	57	58.5	0.206	1.2	0.1172	0.02	3.35
GBP-3	AQA-10908	58.5	60	0.22	1.5	0.1332	0.04	3.58
GBP-3	AQA-10909	60	60.7	0.098	0.7	0.0478	0.04	1.17
GBP-3	AQA-10910	60.7	61.54	0.287	1.6	0.1862	0.02	3.17
GBP-3	AQA-10911	61.54	62.03	0.294	1.8	0.1527	0.06	5.41
GBP-3	AQA-10912	62.03	63	0.131	0.9	0.0834	0.03	2.21
GBP-3	AQA-10913	63	64	0.236	0.7	0.0509	0.02	0.87
GBP-3	AQA-10914	64	65	0.703	1	0.0823	0.02	2.26
GBP-3	AQA-10915	65	66	3.472	5.5	0.3915	0.02	8.09
GBP-3	AQA-10916	66	67	7.847	1.2	0.0721	0.05	2.08
GBP-3	AQA-10917	67	68	2.013	0.8	0.058	0.07	1.68
GBP-3	AQA-10918	68	69	14.506	1.7	0.071	0.29	2.1
GBP-3	AQA-10919	69	70	2.885	1.1	0.0728	0.05	2.38
GBP-3	AQA-10920	70	71	0.899	1.2	0.0785	0.12	1.84
GBP-3	AQA-10921	71	72.6	0.233	0.6	0.032	0.05	0.24
GBP-3	AQA-10922	72.6	74.37	0	0.2	0.0045	0.11	0.06
R11-4	AQA-10923	0	3.81	0.712	0.2	0.0162	0.34	0.02
R11-4	AQA-10924	3.81	4.5	0.285	0.6	0.0252	0.31	0.01
R11-4	AQA-10925	4.5	5.79	0.092	0.5	0.0247	0.06	0
R11-4	AQA-10926	5.79	7.32	0	0.2	0.0162	0.05	0
R11-4	AQA-10927	7.32	8.23	0	0.8	0.0137	0.08	0
R11-4	AQA-10928	8.23	9.3	0	4.3	0.0267	0.03	0
R11-4	AQA-10929	9.3	10.67	0	1	0.017	0.09	0.01
R11-4	AQA-10930	10.67	12.25	0	0.3	0.0231	0.12	0.02
R11-4	AQA-10931	12.25	13.52	0	0.05	0.0144	0.07	0.02
R11-4	AQA-10932	13.52	15	0	0.1	0.0154	0.03	0
R11-4	AQA-10933	15	16.46	0	0.05	0.0165	0.04	0
R11-4	AQA-10934	16.46	17.99	0	0.05	0.0201	0.09	0.02
R11-4	AQA-10935	17.99	19	0.467	0.05	0.0218	0.05	0.04
R11-4	AQA-10936	19	20.42	0.372	0.2	0.0576	0.03	0.41
R11-4	AQA-10937	20.42	21.7	0.026	0.05	0.0496	0.27	0.69
R11-4	AQA-10938	21.7	23	0.028	1.4	0.0454	0.15	1.56
R11-4	AQA-10939	23	24.5	0.031	1	0.05	0.03	1.7
R11-4	AQA-10940	24.5	26	0.017	0.9	0.0418	0.02	1.42
R11-4	AQA-10941	26	27.5	0.007	0.9	0.0436	0.04	1.13
R11-4	AQA-10944	27.5	29	0.012	0.8	0.0405	0.02	1.28
R11-4	AQA-10945	29	30.5	0.014	1	0.0372	0.17	1.52
R11-4	AQA-10946	30.5	32	0.037	0.9	0.0478	0.24	1.52
R11-4	AQA-10947	32	33.5	0.03	1	0.0578	0.08	2.2
R11-4	AQA-10948	33.5	35	0.038	0.7	0.0429	0.02	2.54
R11-4	AQA-10949	35	36.5	0.052	0.9	0.0596	0.33	2.42

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R11-4	AQA-10950	36.5	38	0.066	1.1	0.0743	0.1	2.61
R11-4	AQA-10951	38	39.5	0.044	0.2	0.0063	0.55	0.04
R11-4	AQA-10952	39.5	41	0.203	1	0.0698	0.44	1.88
R11-4	AQA-10953	41	42.5	0.049	0.3	0.0114	1.7	0.12
R11-4	AQA-10954	42.5	43.5	0.198	0.7	0.0397	2.52	1.08
R11-4	AQA-10955	43.5	45	0.259	0.4	0.011	0.5	0.08
R11-4	AQA-10956	45	46.5	0.21	0.5	0.0017	0.15	0.02
R11-4	AQA-10957	46.5	48	0.023	0.4	0.0033	0.95	0.02
R11-4	AQA-10958	48	49.5	0	0.3	0.0007	0.05	0.01
R11-4	AQA-10959	49.5	51	0.03	0.05	0.0029	0.23	0.02
R11-4	AQA-10960	51	52	0.11	0.3	0.0051	0.05	0.15
R11-4	AQA-10961	52	53.5	0.026	0.3	0.0182	0.08	0.96
R11-4	AQA-10962	53.5	54.2	0.309	0.7	0.0391	0.01	0.6
R11-4	AQA-10965	54.2	54.7	1.178	1.9	0.2053	0.03	3.19
R11-4	AQA-10966	54.7	55.4	5.66	2.4	0.1225	0.02	2.47
R11-4	AQA-10967	55.4	56.2	0.554	1	0.0734	0.03	0.92
R11-4	AQA-10968	56.2	57.7	0	0.2	0.0078	0.05	0.11
R11-4	AQA-10969	57.7	59.15	0.031	0.3	0.0122	0.11	0.16
R11-4	AQA-10970	59.15	60.6	0	0.1	0.0079	0.2	0.15
R11-4	AQA-10971	60.6	62.19	0	0.2	0.0078	0.1	0.14
R11-5	AQA-10972	0	1	0	0.05	0.0018	0.4	0.02
R11-5	AQA-10973	1	1.88	0.012	0.1	0.0055	0.11	0.01
R11-5	AQA-10974	1.88	2.88	0	0.05	0.0104	0.05	0.01
R11-5	AQA-10975	2.88	4.27	0.095	1.9	0.0189	0.1	0.01
R11-5	AQA-10976	4.27	5.64	0.02	7.9	0.0159	0.06	0
R11-5	AQA-10977	5.64	6.55	0	0.6	0.0128	0.07	0
R11-5	AQA-10978	6.55	7.92	0.007	0.2	0.0101	0.03	0
R11-5	AQA-10979	7.92	8.84	0	0.2	0.0099	0.03	0
R11-5	AQA-10980	8.84	9.76	0	0.2	0.0147	0.02	0
R11-5	AQA-10981	9.76	10.67	0	0.4	0.0113	0.04	0
R11-5	AQA-10982	10.67	11.89	0	2.3	0.0107	0.05	0
R11-5	AQA-10983	11.89	12.6	0	1.7	0.0192	0.08	0.02
R11-5	AQA-10984	12.6	13.87	0	0.05	0.0187	0.04	0.01
R11-5	AQA-10985	13.87	14.48	0	0.05	0.0056	0.03	0.01
R11-5	AQA-10986	14.48	15.5	0	0.05	0.0039	0.08	0.01
R11-5	AQA-10987	15.5	17	0	0.3	0.0109	0.13	0.01
R11-5	AQA-10988	17	18.5	0.248	0.9	0.0112	0.08	0.02
R11-5	AQA-10989	18.5	20	0.025	0.8	0.0119	0.08	0.02
R11-5	AQA-10990	20	21.5	0.015	0.3	0.0081	0.07	0.01
R11-5	AQA-10993	21.5	23	0.224	0.4	0.0141	0.05	0.01
R11-5	AQA-10994	23	24.5	0.265	0.05	0.0141	0.08	0.01
R11-5	AQA-10995	24.5	26	1.595	0.2	0.029	0.18	0.03
R11-5	AQA-10996	26	27.5	2.235	0.4	0.0356	0.21	0.05
R11-5	AQA-10997	27.5	28.66	0.064	0.2	0.0296	0.19	0.04
R11-5	AQA-10998	28.66	29.7	0.062	0.3	0.0311	0.11	0.02
R11-5	AQA-10999	29.7	32.16	0	3.9	0.0389	0.11	0.03

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-5	AQA-11000	32.16	33.08	0.095	0.5	0.0401	0.4	0.04
R11-5	AQA-11001	33.08	34.5	0.164	0.2	0.0032	0.88	0.06
R11-5	AQA-11002	34.5	36	0.006	0.2	0.0054	0.28	0.01
R11-5	AQA-11003	36	37.5	0.009	0.1	0.0025	0.27	0.01
R11-5	AQA-11004	37.5	39	0	0.3	0.0017	0.42	0
R11-5	AQA-11005	39	40.5	0.013	0.2	0.0039	0.03	0.02
R11-5	AQA-11006	40.5	41.87	0.021	0.2	0.0024	0.04	0.03
R11-5	AQA-11007	41.87	42.88	0.022	0.1	0.0079	0.12	0.05
R11-5	AQA-11008	42.88	43.7	0.447	1.5	0.2391	0.21	3.33
R11-5	AQA-11009	43.7	44.37	0.205	2	0.4728	0.07	5.04
R11-5	AQA-11010	44.37	45.5	0.048	1.3	0.2874	0.03	2.41
R11-5	AQA-11011	45.5	46.95	0.019	0.7	0.0718	0.05	1.25
R11-5	AQA-11014	46.95	48.35	0.148	0.05	0.022	0.24	0.35
R11-5	AQA-11015	48.35	49.4	0.018	0.2	0.0648	0.03	1.2
R11-5	AQA-11016	49.4	50.3	0.06	0.2	0.0428	0.04	0.37
R11-5	AQA-11017	50.3	51.8	0.027	0.05	0.004	0.05	0.05
R11-5	AQA-11018	51.8	53.3	0.012	0.4	0.0228	0.09	0.13
R11-5	AQA-11019	53.3	54.8	0	0.2	0.0045	0.07	0.07
R11-5	AQA-11020	54.8	56.3	0.023	0.4	0.032	0.05	0.19
R11-5	AQA-11021	56.3	57.75	0	0.2	0.006	0.05	0.04
R11-5	AQA-11022	57.75	59.15	0	0.2	0.009	0.06	0.05
R11-6	AQA-11023	0	1	0	0.05	0.0034	0.4	0.01
R11-6	AQA-11024	1	2.5	0.029	0.05	0.0171	0.11	0.01
R11-6	AQA-11025	2.5	4	0.011	0.05	0.0049	0.09	0
R11-6	AQA-11026	4	5.36	0	0.05	0.0046	0.11	0
R11-6	AQA-11027	5.36	6.5	0	4.1	0.0112	0.07	0
R11-6	AQA-11028	6.5	7.62	0	2.9	0.0263	0.05	0
R11-6	AQA-11029	7.62	9.15	0.007	0.2	0.0183	0.09	0
R11-6	AQA-11030	9.15	10.65	0	0.3	0.0127	0.06	0
R11-6	AQA-11031	10.65	11.73	0	9.7	0.0157	0.05	0.01
R11-6	AQA-11032	11.73	12.26	0	0.4	0.0138	0.21	0.01
R11-6	AQA-11033	12.26	13.72	0	0.2	0.0085	0.16	0
R11-6	AQA-11034	13.72	14.94	0	1.1	0.0598	0.05	0
R11-6	AQA-11035	14.94	15.55	0	0.5	0.0947	0.04	0.01
R11-6	AQA-11036	15.55	16.6	0.026	4.8	0.035	0.15	0.01
R11-6	AQA-11037	16.6	17.84	0.023	1.8	0.0391	0.04	0.03
R11-6	AQA-11038	17.84	19	0	0.2	0.023	0.06	0.02
R11-6	AQA-11039	19	19.82	1.593	0.05	0.0101	0.28	0.04
R11-6	AQA-11040	19.82	21	0.519	0.05	0.0045	0.88	0.02
R11-6	AQA-11041	21	22.5	1.009	0.1	0.0121	1.96	0.01
R11-6	AQA-11044	22.5	23.48	0	0.05	0.021	0.91	0.03
R11-6	AQA-11045	23.48	24.45	0.387	0.05	0.0089	0.57	0.01
R11-6	AQA-11046	24.45	26	1.151	0.05	0.0034	0.58	0.02
R11-6	AQA-11047	26	27.13	4.15	0.3	0.0288	0.48	0.03
R11-6	AQA-11048	27.13	28.05	0.904	2.8	0.496	0.64	1.53
R11-6	AQA-11049	28.05	29.1	0.097	0.8	0.1184	0.07	1.85

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-6	AQA-11050	29.1	29.6	0.129	0.8	0.1877	0.02	3.34
R11-6	AQA-11051	29.6	30.64	0.193	0.4	0.08	0.02	1.33
R11-6	AQA-11052	30.64	31.47	2.302	0.7	0.06	0.34	0.12
R11-6	AQA-11053	31.47	33	0.016	0.2	0.0346	0.16	1.04
R11-6	AQA-11054	33	34.5	0	0.05	0.0012	0.16	0.03
R11-6	AQA-11055	34.5	36	0	0.05	0.0001	0.03	0.01
R11-6	AQA-11056	36	37.5	0	0.05	0	0.03	0.01
R11-6	AQA-11057	37.5	39	0	0.05	0	0.04	0
R11-6	AQA-11058	39	40.5	0	0.05	0	0.04	0.01
R11-6	AQA-11059	40.5	42	0	0.05	0	0.08	0
R11-6	AQA-11060	42	43.25	0	0.05	0	0.02	0
R11-6	AQA-11061	43.25	44.5	0	0.05	0.0009	0.26	0.01
R11-6	AQA-11062	44.5	45.12	0	0.05	0.0007	0.06	0
R11-6	AQA-11065	45.12	45.95	0	0.05	0.0017	0.15	0.01
R11-6	AQA-11066	45.95	46.93	0	0.05	0.0005	0.06	0
R11-6	AQA-11067	46.93	48.4	0	0.3	0.0258	0.04	0.28
R11-6	AQA-11068	48.4	49.9	0.005	0.4	0.0474	0.06	0.34
R11-6	AQA-11069	49.9	51.4	0	0.05	0.0073	0.04	0.04
R11-6	AQA-11070	51.4	52.9	0.733	0.05	0.008	0.05	0.11
R11-6	AQA-11071	52.9	54.03	1.017	0.2	0.0252	0.04	0.42
R11-6	AQA-11072	54.03	55.5	0.035	0.05	0.0045	0.14	0.05
R11-6	AQA-11073	55.5	56.4	0	0.05	0.0073	0.14	0.11
R11-7	AQA-11074	0	1	0.016	0.05	0.0037	0.4	0.01
R11-7	AQA-11075	1	2	0	0.2	0.0284	0.07	0.01
R11-7	AQA-11076	2	3	0.144	0.2	0.0374	0.05	0.01
R11-7	AQA-11077	3	5.33	0	1	0.0347	0.08	0
R11-7	AQA-11078	5.33	6.8	0.052	0.2	0.0484	0.05	0
R11-7	AQA-11079	6.8	7.8	0.019	0.8	0.0476	0.05	0
R11-7	AQA-11080	7.8	9.15	0.171	0.05	0.0405	0.06	0
R11-7	AQA-11081	9.15	10.5	0.743	0.6	0.041	0.06	0.01
R11-7	AQA-11082	10.5	11.8	0.122	0.4	0.0305	0.05	0.01
R11-7	AQA-11083	11.8	12.3	0.116	0.8	0.0346	0.04	0.01
R11-7	AQA-11084	12.3	12.9	0.028	0.2	0.0543	0.06	0.01
R11-7	AQA-11085	12.9	13.7	3.706	0.6	0.0782	0.05	0.01
R11-7	AQA-11086	13.7	14.7	1.814	0.6	0.0331	0.05	0.03
R11-7	AQA-11087	14.7	16.01	0.019	1	0.0241	0.09	0.02
R11-7	AQA-11088	16.01	17.53	0	0.2	0.0307	0.05	0.02
R11-7	AQA-11089	17.53	18.6	0.259	18.6	0.0178	0.04	0.01
R11-7	AQA-11090	18.6	20.1	0	5.3	0.0151	1.34	0.07
R11-7	AQA-11091	20.1	21.1	0.036	0.6	0.004	1.19	0.02
R11-7	AQA-11092	21.1	22.41	0	0.8	0.0014	1.68	0.01
R11-7	AQA-11095	22.41	23.8	0	1.4	0.0012	1.07	0
R11-7	AQA-11096	23.8	25	0	0.9	0.0011	0.95	0
R11-7	AQA-11097	25	26.5	0	1.2	0.0034	1.06	0
R11-7	AQA-11098	26.5	28	0	1.4	0.0159	1.11	0.05
R11-7	AQA-11099	28	29.5	0	0.9	0.0026	0.39	0.02

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BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-7	AQA-11100	29.5	31	0	1.5	0.0117	0.36	0.08
R11-7	AQA-11101	31	32.5	0.017	0.2	0.0214	0.15	0.23
R11-7	AQA-11102	32.5	34	0	0.05	0.001	0.1	0.01
R11-7	AQA-11103	34	35.42	0	0.4	0.0015	0.18	0.01
R11-7	AQA-11104	35.42	36.9	0	0.6	0.0064	0.21	0.07
R11-7	AQA-11105	36.9	38.11	0.011	0.05	0.0283	0.32	0.16
R11-7	AQA-11106	38.11	39.1	0.087	0.2	0.0311	0.12	0.27
R11-7	AQA-11107	39.1	39.6	1.373	2.2	0.0763	0.08	1.38
R11-7	AQA-11108	39.6	41	0.024	0.05	0.021	0.07	0.26
R11-7	AQA-11109	41	42.5	0.055	0.4	0.0609	0.07	0.88
R11-7	AQA-11110	42.5	44	0.012	1.2	0.1166	0.02	2.08
R11-7	AQA-11111	44	45.5	0.009	0.5	0.0867	0.03	1.73
R11-7	AQA-11112	45.5	47	0.005	0.7	0.0636	0.02	1.65
R11-7	AQA-11113	47	48.5	0.017	0.4	0.0747	0.03	1.73
R11-7	AQA-11116	48.5	50	0.017	0.2	0.0435	0.05	0.98
R11-7	AQA-11117	50	51.22	0.03	0.2	0.0424	0.04	0.76
R11-7	AQA-11118	51.22	52.8	0.028	0.05	0.0282	0.05	0.49
R11-7	AQA-11119	52.8	54.3	0.04	1.1	0.064	0.08	0.47
R11-7	AQA-11120	54.3	55	0.009	0.05	0.0253	0.1	0.35
R11-7	AQA-11121	55	56.09	0	0.6	0.0176	0.19	0.2
R11-8	AQA-11122	0	1.52	0.023	0.2	0.0105	0.92	0.03
R11-8	AQA-11123	1.52	2.9	0.011	0.9	0.0109	0.24	0.01
R11-8	AQA-11124	2.9	4	0	0.3	0.0318	0.2	0
R11-8	AQA-11125	4	5	0.02	0.6	0.024	0.13	0
R11-8	AQA-11126	5	5.95	0	0.05	0.0138	0.18	0
R11-8	AQA-11127	5.95	7	0	0.2	0.0197	0.12	0
R11-8	AQA-11128	7	8	0	3.1	0.0266	0.12	0
R11-8	AQA-11129	8	9.15	0.018	0.6	0.0373	0.08	0
R11-8	AQA-11130	9.15	10.25	0.01	0.2	0.0209	0.08	0
R11-8	AQA-11131	10.25	11.25	0.031	0.3	0.0403	0.07	0
R11-8	AQA-11132	11.25	12.2	0.119	0.3	0.011	0.08	0.01
R11-8	AQA-11133	12.2	13.2	0.368	0.5	0.0615	0.04	0
R11-8	AQA-11134	13.2	13.7	7.801	0.7	0.0366	0.03	0
R11-8	AQA-11135	13.7	14.7	0.125	0.6	0.0802	0.25	0.01
R11-8	AQA-11136	14.7	15.55	0.005	0.05	0.0353	0.23	0.01
R11-8	AQA-11137	15.55	16.25	0	0.3	0.0235	0.15	0.01
R11-8	AQA-11138	16.25	17.42	0.016	0.3	0.02	0.2	0.04
R11-8	AQA-11139	17.42	18.55	0.009	0.7	0.0133	0.26	0.03
R11-8	AQA-11140	18.55	19.81	0.009	0.05	0.0141	0.25	0.02
R11-8	AQA-11143	19.81	20.5	0.274	4.2	0.005	0.11	0.01
R11-8	AQA-11144	20.5	21.65	0.011	0.05	0.0237	0.13	0.14
R11-8	AQA-11145	21.65	22.8	0.021	0.05	0.1541	0.4	0.19
R11-8	AQA-11146	22.8	23.5	0.072	0.05	0.187	0.57	0.49
R11-8	AQA-11147	23.5	24.75	0.322	0.05	0.1939	1.23	0.3
R11-8	AQA-11148	24.75	25.9	0.022	0.05	0.2806	0.74	0.59
R11-8	AQA-11149	25.9	26.38	0.027	0.05	0.0592	0.12	1.49

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-8	AQA-11150	26.38	26.92	0.025	0.05	0.048	0.03	1.55
R11-8	AQA-11151	26.92	27.6	0.042	0.3	0.079	0.05	2.62
R11-8	AQA-11152	27.6	28.4	0.026	0.05	0.0605	0.05	1.78
R11-8	AQA-11153	28.4	29.4	0.095	0.4	0.0803	0.07	2.13
R11-8	AQA-11154	29.4	30.35	0.284	1	0.0973	0.12	3.46
R11-8	AQA-11155	30.35	31	0.007	0.05	0.0112	0.02	0.19
R11-8	AQA-11156	31	32	0.081	0.6	0.1789	0.09	2.91
R11-8	AQA-11157	32	33	0.016	0.4	0.1396	0.09	2.35
R11-8	AQA-11158	33	34	0.006	0.6	0.0823	0.09	1.91
R11-8	AQA-11159	34	35.06	0.005	0.5	0.091	0.02	1.63
R11-8	AQA-11160	35.06	36	0.014	0.4	0.0905	0.02	1.84
R11-8	AQA-11161	36	37	0.047	0.3	0.0934	0.24	1.94
R11-8	AQA-11164	37	38.5	0.009	0.05	0.0205	0.1	0.39
R11-8	AQA-11165	38.5	40	0	0.05	0.0007	0.03	0.01
R11-8	AQA-11166	40	41.5	0	0.05	0.0004	0.03	0.01
R11-8	AQA-11167	41.5	42.94	0	0.05	0.0002	0.03	0
R11-8	AQA-11168	42.94	43.9	0	0.05	0.0004	0.02	0
R11-8	AQA-11169	43.9	45.4	0	0.05	0.0006	0.04	0.01
R11-8	AQA-11170	45.4	46.3	0	0.4	0.0015	0.12	0.01
R11-8	AQA-11171	46.3	47.75	0	0.05	0.0007	0.03	0
R11-8	AQA-11172	47.75	49.25	0	0.2	0.0004	0.03	0.01
R11-8	AQA-11173	49.25	50.75	0	0.05	0.0006	0.02	0.01
R11-8	AQA-11174	50.75	52	0	0.05	0.0007	0.05	0.01
R11-8	AQA-11175	52	53.5	0	0.05	0.0005	0.02	0.01
R11-8	AQA-11176	53.5	55	0	0.05	0.001	0.02	0.02
R11-8	AQA-11177	55	56.25	0	0.05	0.0007	0.04	0.02
R11-8	AQA-11178	56.25	57	0	0.05	0.0005	0.03	0.01
R11-8	AQA-11179	57	58.2	0	0.9	0.0013	0.29	0.03
R11-8	AQA-11180	58.2	59	0.124	3.3	0.1689	0.04	0.86
R11-8	AQA-11181	59	60	0.048	1.5	0.0701	0.03	0.43
R11-8	AQA-11182	60	61.13	0.029	0.5	0.0239	0.03	0.11
R11-8	AQA-11185	61.13	62.5	0	0.6	0.0019	0.11	0.03
R11-8	AQA-11186	62.5	64	0.012	0.7	0.029	0.06	0.15
R11-8	AQA-11187	64	65.5	0.015	1.2	0.0156	0.05	0.1
R11-8	AQA-11188	65.5	66.5	0	0.4	0.0033	0.05	0.04
R11-8	AQA-11189	66.5	67	0.031	0.4	0.0082	0.22	0.16
R11-8	AQA-11190	67	68.5	0.033	0.3	0.0074	0.07	0.12
R11-8	AQA-11191	68.5	70	0.02	0.2	0.0029	0.04	0.05
R11-8	AQA-11192	70	71.65	0	0.05	0.0008	0.04	0.01
R11-9	AQA-11193	0	2.13	0.058	0.05	0.0381	0.32	0.01
R11-9	AQA-11194	2.13	2.65	0.946	0.8	0.025	0.04	0.01
R11-9	AQA-11195	2.65	3.5	0.014	0.6	0.0486	0.07	0
R11-9	AQA-11196	3.5	4.57	0	0.05	0.0427	0.09	0
R11-9	AQA-11197	4.57	5.5	0	0.4	0.0119	0.16	0
R11-9	AQA-11198	5.5	6.1	0.007	0.7	0.0277	0.19	0
R11-9	AQA-11199	6.1	7	0	0.2	0.0147	0.12	0

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-9	AQA-11200	7	8	0.005	0.2	0.0217	0.21	0
R11-9	AQA-11201	8	9.15	0	0.05	0.0296	0.09	0
R11-9	AQA-11202	9.15	10.5	0	0.05	0.0217	0.1	0
R11-9	AQA-11203	10.5	11	0.018	0.05	0.0425	0.52	1.11
R11-9	AQA-11204	11	12	0.205	0.05	0.0577	0.15	0.02
R11-9	AQA-11205	12	13	0.336	0.05	0.0471	0.3	0.02
R11-9	AQA-11206	13	14	0.024	0.05	0.0628	0.44	0.03
R11-9	AQA-11207	14	15.24	0	0.2	0.023	0.12	0.01
R11-9	AQA-11208	15.24	16.46	0	0.3	0.0291	0.21	0.01
R11-9	AQA-11209	16.46	17.99	0	0.05	0.0218	0.11	0.01
R11-9	AQA-11210	17.99	19	0.023	0.05	0.0284	0.23	0.02
R11-9	AQA-11211	19	20	1.68	0.05	0.0364	0.09	0.06
R11-9	AQA-11214	20	21	0.091	0.05	0.1512	0.1	0.7
R11-9	AQA-11215	21	22.04	0.022	0.05	0.0751	0.46	0.22
R11-9	AQA-11216	22.04	23	0.007	0.05	0.0179	0.88	0.29
R11-9	AQA-11217	23	24	0	0.05	0.0081	0.17	0.11
R11-9	AQA-11218	24	25.5	0.025	0.05	0.0462	0.36	0.61
R11-9	AQA-11219	25.5	26.55	0.074	0.05	0.0956	0.29	0.54
R11-9	AQA-11220	26.55	27.7	0.123	0.2	0.1155	0.19	0.44
R11-9	AQA-11221	27.7	28.76	0.03	0.05	0.0744	0.94	0.51
R11-9	AQA-11222	28.76	29.6	0	0.05	0.0748	0.32	0.03
R11-9	AQA-11223	29.6	30.75	0.087	1.7	0.1847	0.9	1.16
R11-9	AQA-11224	30.75	31.25	1.192	1.5	0.0258	0.73	0.18
R11-9	AQA-11225	31.25	31.71	0.672	1.4	0.0318	0.99	0.2
R11-9	AQA-11226	31.71	32.3	5.139	30.9	0.1211	0.46	0.18
R11-9	AQA-11227	32.3	32.8	10.23	9.9	0.2042	0.91	1.79
R11-9	AQA-11228	32.8	34	0.534	4.5	0.2894	0.15	2.28
R11-9	AQA-11229	34	34.65	0.392	1.2	0.1402	0.26	1.51
R11-9	AQA-11230	34.65	35.3	9.569	1.8	0.1536	1.04	0.77
R11-9	AQA-11231	35.3	36	0.237	0.5	0.2986	0.2	1.37
R11-9	AQA-11232	36	37	0.142	1.2	0.3034	0.07	1.06
R11-9	AQA-11235	37	38.11	0.301	2.8	0.1623	0.02	2.64
R11-9	AQA-11236	38.11	38.9	0.24	2.7	0.1543	0.09	3.91
R11-9	AQA-11237	38.9	39.87	0.391	2.3	0.1113	0.02	2.59
R11-9	AQA-11238	39.87	40.75	0.294	1.7	0.0854	0.03	2.45
R11-9	AQA-11239	40.75	41.25	0.461	2.1	0.0711	0.05	2.98
R11-9	AQA-11240	41.25	42.5	0.158	1.1	0.0424	0.02	1.49
R11-9	AQA-11241	42.5	43.75	0.099	1.4	0.0689	0.04	2.38
R11-9	AQA-11242	43.75	44.56	0.057	1.1	0.0517	0.13	1.8
R11-9	AQA-11243	44.56	45.5	0.051	1.3	0.0722	0.01	1.95
R11-9	AQA-11244	45.5	46.5	0.055	1.2	0.0525	0.02	1.75
R11-9	AQA-11245	46.5	48	0.028	0.7	0.0248	0.02	0.81
R11-9	AQA-11246	48	49.5	0.017	1.2	0.0403	0.02	1.08
R11-9	AQA-11247	49.5	50.5	0.014	1	0.0358	0.06	1.01
R11-9	AQA-11248	50.5	52	0.008	1.4	0.0417	0.04	1.29
R11-9	AQA-11249	52	53	0.042	2	0.1184	0.13	2.01

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-9	AQA-11250	53	54	0.024	1.6	0.0312	0.03	0.16
R11-9	AQA-11251	54	55.12	0.041	1.4	0.0419	0.03	0.13
R11-9	AQA-11252	55.12	56.4	0.023	1.2	0.0622	0.06	0.2
R11-9	AQA-11253	56.4	57.75	0	0.1	0.0072	0.09	0.07
R11-9	AQA-11256	57.75	59.25	0	0.3	0.0067	0.07	0.08
R11-9	AQA-11257	59.25	60.5	0	0.6	0.0117	0.12	0.1
R11-9	AQA-11258	60.5	62	0	0.6	0.0232	0.25	0.34
R11-9	AQA-11259	62	63.5	0	1.5	0.0213	0.08	0.18
R11-9	AQA-11260	63.5	64.5	0.008	2.3	0.037	0.07	0.2
R11-9	AQA-11261	64.5	65.55	0.007	1.3	0.0158	0.11	0.11
R11-10	AQA-11262	0	1.53	0.062	0.05	0.0098	0.61	0.02
R11-10	AQA-11263	1.53	3.05	0.128	0.2	0.0163	0.14	0.01
R11-10	AQA-11264	3.05	4.57	0	0.1	0.0129	0.04	0
R11-10	AQA-11265	4.57	5.5	0.083	0.05	0.0187	0.04	0
R11-10	AQA-11266	5.5	6.4	0	0.1	0.0218	0.03	0
R11-10	AQA-11267	6.4	7.5	0	0.05	0.041	0.03	0
R11-10	AQA-11268	7.5	8.53	0	0.05	0.0344	0.02	0
R11-10	AQA-11269	8.53	9.15	0	0.05	0.0143	0.02	0
R11-10	AQA-11270	9.15	10.21	0.51	0.05	0.0195	0.02	0.01
R11-10	AQA-11271	10.21	11.2	0.131	0.2	0.0337	0.02	0.65
R11-10	AQA-11272	11.2	12.3	0.217	1.8	0.0144	0.02	0.02
R11-10	AQA-11273	12.3	13.41	0.351	0.4	0.2265	0.02	3.1
R11-10	AQA-11274	13.41	14.5	0.094	0.2	0.1175	0.02	1.41
R11-10	AQA-11275	14.5	15.3	0.107	0.4	0.1414	0.29	1.28
R11-10	AQA-11276	15.3	16.5	0.105	0.4	0.0918	0.16	0.87
R11-10	AQA-11277	16.5	17.9	0.655	0.5	0.0587	0.69	0.15
R11-10	AQA-11278	17.9	18.4	9.615	8.2	0.3369	0.76	9.85
R11-10	AQA-11279	18.4	19.5	0.495	1.1	0.1718	0.15	2.06
R11-10	AQA-11280	19.5	21	0.07	0.7	0.0877	0.12	1.21
R11-10	AQA-11283	21	22	0.038	0.4	0.0208	0.12	0.55
R11-10	AQA-11284	22	23.5	0.074	0.9	0.0528	0.45	1.44
R11-10	AQA-11285	23.5	24.2	0.099	1.2	0.1054	0.29	2.34
R11-10	AQA-11286	24.2	25.5	0.047	0.4	0.038	0.05	0.9
R11-10	AQA-11287	25.5	26.6	0.044	0.4	0.0423	0.06	0.95
R11-10	AQA-11288	26.6	28	0.089	0.8	0.0759	0.09	1.55
R11-10	AQA-11289	28	28.7	0.137	1.3	0.1378	0.02	2.12
R11-10	AQA-11290	28.7	30	0.048	0.6	0.0534	0.02	0.89
R11-10	AQA-11291	30	31.5	0.073	0.6	0.0513	0.02	1.35
R11-10	AQA-11292	31.5	32.01	0.062	1.1	0.0638	0.37	2.01
R11-10	AQA-11293	32.01	33.38	0.155	0.8	0.0625	0.63	1.27
R11-10	AQA-11294	33.38	34.25	0.137	0.7	0.0714	0.06	1.5
R11-10	AQA-11295	34.25	35.25	0.281	1.6	0.109	0.1	1.53
R11-10	AQA-11296	35.25	36	0.343	3.4	0.2987	0.94	2.84
R11-10	AQA-11297	36	37.2	0.35	2.8	0.1044	0.08	1.72
R11-10	AQA-11298	37.2	38.11	2.605	2.3	0.1511	0.1	1.76
R11-10	AQA-11299	38.11	39	0.342	2.2	0.2003	0.02	2.78

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-10	AQA-11300	39	40.07	0.311	2.2	0.2131	0.02	2.87
R11-10	AQA-11301	40.07	41.25	0.214	1.2	0.0759	0.02	1.32
R11-10	AQA-11304	41.25	41.75	1.069	6.9	0.5231	0.06	8.9
R11-10	AQA-11305	41.75	43	0.097	1.7	0.0813	0.01	1.48
R11-10	AQA-11306	43	44.21	0.12	2.3	0.1428	0.02	2.14
R11-10	AQA-11307	44.21	45.35	0.063	1.6	0.0811	0.01	1.23
R11-10	AQA-11308	45.35	46.5	0.123	2.3	0.1466	0.01	2.11
R11-10	AQA-11309	46.5	47.26	0.19	2.9	0.1537	0.01	2.24
R11-10	AQA-11310	47.26	48.15	0.431	3.9	0.2179	0.02	2.56
R11-10	AQA-11311	48.15	49	1.131	3.1	0.115	0.02	1.68
R11-10	AQA-11312	49	50	5.786	24.8	0.9215	0.06	3.26
R11-10	AQA-11313	50	51.35	16.365	21.7	0.6232	0.09	9.47
R11-10	AQA-11314	51.35	52.2	0.183	1.5	0.0644	0.02	0.12
R11-10	AQA-11315	52.2	53.34	4.254	2.5	0.0457	0.04	0.14
R11-10	AQA-11316	53.34	54.5	1.543	0.8	0.0273	0.09	0.1
R11-10	AQA-11317	54.5	56	0.037	0.4	0.019	0.07	0.19
R11-10	AQA-11318	56	57.5	0.014	0.6	0.0229	0.1	0.15
R11-10	AQA-11319	57.5	59	0.009	0.6	0.0333	0.1	0.28
R11-10	AQA-11320	59	60.5	0.006	0.6	0.0253	0.14	0.15
R11-10	AQA-11321	60.5	62	0	0.5	0.0237	0.12	0.21
R11-10	AQA-11322	62	63.5	0.006	0.3	0.0186	0.09	0.19
R11-10	AQA-11325	63.5	65	0.102	0.7	0.028	0.08	0.27
R11-10	AQA-11326	65	66.5	0	0.4	0.0125	0.08	0.13
R11-10	AQA-11327	66.5	67.5	0	0.3	0.0121	0.09	0.14
R11-10	AQA-11328	67.5	68.6	0	0.5	0.0169	0.08	0.16
R11-11	AQA-11329	0	2.44	0	0.6	0.0081	0.16	0.01
R11-11	AQA-11330	2.44	3.35	0.094	0.05	0.0093	0.03	0.01
R11-11	AQA-11331	3.35	4.12	0.728	0.3	0.0119	0.03	0
R11-11	AQA-11332	4.12	5	0.087	0.2	0.0215	0.01	0
R11-11	AQA-11333	5	5.95	0.008	0.3	0.0144	0.02	0.01
R11-11	AQA-11334	5.95	7.01	0	0.6	0.021	0.01	0.21
R11-11	AQA-11335	7.01	8.23	0	0.05	0.0058	0.01	0.07
R11-11	AQA-11336	8.23	9.5	0.007	0.2	0.0119	0.01	0.27
R11-11	AQA-11337	9.5	10.98	0	0.1	0.0088	0.03	0.31
R11-11	AQA-11338	10.98	12.5	0	0.05	0.0046	0.04	0.16
R11-11	AQA-11339	12.5	14.02	0	0.2	0.0123	0.03	0.43
R11-11	AQA-11340	14.02	15.4	0.005	0.3	0.02	0.05	0.85
R11-11	AQA-11341	15.4	16.9	0.006	0.05	0.0112	0.17	0.18
R11-11	AQA-11342	16.9	18	0.331	1.1	0.0677	0.05	1.94
R11-11	AQA-11343	18	19	0.437	1.6	0.057	0.02	1.67
R11-11	AQA-11344	19	20	0.289	2.7	0.2527	0.03	3.23
R11-11	AQA-11345	20	21.5	0.87	1.2	0.0696	0.04	2.03
R11-11	AQA-11346	21.5	22.87	0.206	0.7	0.0579	0.08	1.08
R11-11	AQA-11347	22.87	23.93	0.062	0.4	0.0208	0.18	0.65
R11-11	AQA-11350	23.93	24.7	0.288	3.6	0.2661	0.08	6.09
R11-11	AQA-11351	24.7	25.9	0.33	1.8	0.1142	0.19	3.58

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-11	AQA-11352	25.9	26.4	0.274	1	0.0897	0.16	3.17
R11-11	AQA-11353	26.4	27.8	0.596	0.9	0.1357	0.68	1.42
R11-11	AQA-11354	27.8	28.96	0.343	2.7	0.183	0.36	3.18
R11-11	AQA-11355	28.96	30.3	0.138	1.3	0.1821	0.02	4.12
R11-11	AQA-11356	30.3	30.8	0.158	1.3	0.1481	0.02	3.4
R11-11	AQA-11357	30.8	32.16	0.15	1.2	0.1305	0.02	3.59
R11-11	AQA-11358	32.16	33.07	0.165	1	0.133	0.02	3.03
R11-11	AQA-11359	33.07	33.57	0.397	2.4	0.4197	0.02	5.52
R11-11	AQA-11360	33.57	34.5	0.151	1	0.1119	0.02	2.93
R11-11	AQA-11361	34.5	35.21	0.062	0.4	0.0538	0.01	1.12
R11-11	AQA-11362	35.21	36.6	0.064	0.4	0.0601	0.01	1.35
R11-11	AQA-11363	36.6	38	0.113	0.7	0.0942	0.04	1.95
R11-11	AQA-11364	38	38.81	0.092	0.8	0.0605	0.27	1.05
R11-11	AQA-11365	38.81	40	0.378	1.2	0.0849	0.16	1.69
R11-11	AQA-11366	40	40.6	0.066	0.7	0.049	0.02	1.07
R11-11	AQA-11367	40.6	41.2	1.54	4.5	0.2984	0.27	3.36
R11-11	AQA-11368	41.2	41.95	13.172	5.9	0.4622	0.02	7.47
R11-11	AQA-11371	41.95	42.9	0.031	0.4	0.0215	0.02	0.44
R11-11	AQA-11372	42.9	43.75	0.268	1.4	0.1362	0.03	2.02
R11-11	AQA-11373	43.75	44.51	2.567	6.2	0.474	0.03	6.1
R11-11	AQA-11374	44.51	45.1	2.001	3.5	0.2127	0.02	2.14
R11-11	AQA-11375	45.1	46.1	1.444	2.8	0.2038	0.02	3.07
R11-11	AQA-11376	46.1	46.6	5.623	3.2	0.2119	0.04	2.37
R11-11	AQA-11377	46.6	47.2	34.973	5.7	0.1044	0.19	1.37
R11-11	AQA-11378	47.2	47.95	59.604	11.7	0.2553	0.06	4.78
R11-11	AQA-11379	47.95	49	6.639	17	0.4495	0.01	4.76
R11-11	AQA-11380	49	50	62.78	15.8	0.3952	0.05	4.76
R11-11	AQA-11381	50	50.61	27.677	15.7	0.7489	0.24	9.99
R11-11	AQA-11382	50.61	51.2	19.424	12.8	0.4101	0.1	3.98
R11-11	AQA-11383	51.2	51.87	6.406	10.1	0.5089	0.04	5.62
R11-11	AQA-11384	51.87	52.4	12.847	14.8	0.6092	0.02	7.76
R11-11	AQA-11385	52.4	53	8.298	7.3	0.3373	0.07	3.92
R11-11	AQA-11386	53	54	11.088	6.1	0.2356	0.02	2.45
R11-11	AQA-11387	54	55.36	2.441	0.5	0.0199	0.02	0.25
R11-11	AQA-11388	55.36	56.71	0.031	0.2	0.0345	0.03	0.54
R11-11	AQA-11389	56.71	58	0.009	0.1	0.0189	0.03	0.39
R11-11	AQA-11392	58	59.5	0.011	0.1	0.0126	0.04	0.19
R11-11	AQA-11393	59.5	60.95	0	0.4	0.0191	0.05	0.27
R11-11	AQA-11394	60.95	62.2	0.006	0.8	0.0425	0.29	0.54
R11-11	AQA-11395	62.2	63.5	0	0.2	0.0193	0.08	0.11
R11-11	AQA-11396	63.5	65	0	0.2	0.0145	0.07	0.08
R11-11	AQA-11397	65	66.5	0	0.2	0.0222	0.05	0.31
R11-11	AQA-11398	66.5	68	0	0.3	0.0203	0.05	0.29
R11-11	AQA-11399	68	69	0	0.3	0.0284	0.08	0.23
R11-11	AQA-11400	69	70	0	0.4	0.0234	0.06	0.19
R11-12	AQA-11401	0	1.53	0	0.1	0.0061	0.49	0.01

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-12	AQA-11402	1.53	3.55	0.219	0.05	0.017	0.06	0
R11-12	AQA-11403	3.55	4.88	0.133	0.4	0.0495	0.03	0.07
R11-12	AQA-11404	4.88	6.1	0.026	0.3	0.0547	0.02	0.16
R11-12	AQA-11405	6.1	7.62	0	0.1	0.0172	0.02	0.04
R11-12	AQA-11406	7.62	8.9	0	0.8	0.0372	0.21	0.6
R11-12	AQA-11407	8.9	10.67	0	0.1	0.0089	0.03	0.15
R11-12	AQA-11408	10.67	12	0	0.2	0.0082	0.02	0.24
R11-12	AQA-11409	12	12.5	0	0.8	0.0318	0.02	0.9
R11-12	AQA-11410	12.5	13.72	0	0.2	0.009	0.03	0.19
R11-12	AQA-11411	13.72	15	0	0.3	0.0163	0.02	0.44
R11-12	AQA-11412	15	16.5	0	0.3	0.0107	0.02	0.3
R11-12	AQA-11413	16.5	17.4	0	0.3	0.0139	0.02	0.37
R11-12	AQA-11414	17.4	18	0.033	0.8	0.0457	0.03	1.53
R11-12	AQA-11415	18	19.05	0	0.4	0.0225	0.04	0.67
R11-12	AQA-11416	19.05	20.5	0	0.3	0.0148	0.02	0.45
R11-12	AQA-11417	20.5	21	0	0.4	0.0274	0.05	0.94
R11-12	AQA-11418	21	21.5	0	0.2	0.0074	0.18	0.46
R11-12	AQA-11419	21.5	22.5	0	0.2	0.0118	1.62	0.12
R11-12	AQA-11422	22.5	23	0.012	1	0.018	0.56	0.48
R11-12	AQA-11423	23	24	0	0.4	0.0253	0.11	0.63
R11-12	AQA-11424	24	25.5	0	0.2	0.0142	0.02	0.46
R11-12	AQA-11425	25.5	26.5	0	0.3	0.0231	0.03	0.96
R11-12	AQA-11426	26.5	27.3	0.231	0.4	0.03	0.05	1.22
R11-12	AQA-11427	27.3	28.08	0.089	0.3	0.0216	0.86	0.66
R11-12	AQA-11428	28.08	28.66	0	0.2	0.0098	0.02	0.47
R11-12	AQA-11429	28.66	30	0.035	0.5	0.0326	0.05	1.38
R11-12	AQA-11430	30	31	0.02	0.3	0.0175	0.03	0.85
R11-12	AQA-11431	31	31.71	0.108	0.7	0.0519	0.35	1.87
R11-12	AQA-11432	31.71	32.55	1.123	2.2	0.2056	0.02	4.93
R11-12	AQA-11433	32.55	33.7	0.607	2	0.1779	0.01	4.83
R11-12	AQA-11434	33.7	34.2	0.484	2.4	0.1865	0.03	3.79
R11-12	AQA-11435	34.2	34.9	0.204	0.8	0.101	0.07	3.56
R11-12	AQA-11436	34.9	35.9	0.049	0.3	0.0341	0.02	0.75
R11-12	AQA-11437	35.9	37.13	0.033	0.05	0.0092	0.02	0.11
R11-12	AQA-11438	37.13	38.25	0.081	0.3	0.0179	0.02	0.32
R11-12	AQA-11439	38.25	39	0.129	0.1	0.0121	0.13	0.21
R11-12	AQA-11440	39	39.7	3.304	0.9	0.0604	0.04	0.39
R11-12	AQA-11443	39.7	41.16	0.053	0.2	0.0071	0.11	0.1
R11-12	AQA-11444	41.16	42	0.044	0.3	0.0193	0.04	0.4
R11-12	AQA-11445	42	43.5	0.01	0.1	0.0129	0.09	0.24
R11-12	AQA-11446	43.5	45	0	0.1	0.008	0.09	0.06
R11-12	AQA-11447	45	46.4	0	0.05	0.0021	0.05	0.01
R11-12	AQA-11448	46.4	47.26	0	0.05	0.0036	0.04	0.02
R11-12	AQA-11449	47.26	48.5	0	0.05	0.0107	0.04	0.17
R11-12	AQA-11450	48.5	49	0.04	1.3	0.0937	0.04	1.12
R11-12	AQA-11451	49	50.5	0	0.1	0.0163	0.05	0.09

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-12	AQA-11452	50.5	52	0	0.05	0.0014	0.05	0.01
R11-12	AQA-11453	52	53.2	0.01	0.2	0.0096	0.06	0.02
R11-12	AQA-11454	53.2	54.5	0	0.1	0.0162	0.06	0.16
R11-12	AQA-11455	54.5	55.5	0.011	0.2	0.0276	0.05	0.22
R11-12	AQA-11456	55.5	56.5	0.069	1.1	0.0758	0.05	0.4
R11-12	AQA-11457	56.5	57.9	0.047	0.6	0.0524	0.05	0.53
R11-12	AQA-11458	57.9	59	0	0.1	0.0127	0.05	0.07
R11-12	AQA-11459	59	60.5	0	0.2	0.011	0.1	0.06
R11-12	AQA-11460	60.5	62	0.005	0.3	0.0268	0.06	0.38
R11-12	AQA-11461	62	63.5	0	0.5	0.0246	0.05	0.37
R11-12	AQA-11464	63.5	65	0.012	0.5	0.0366	0.06	0.26
R11-12	AQA-11465	65	66.5	0	0.2	0.0257	0.07	0.13
R11-12	AQA-11466	66.5	67.4	0	0.2	0.0086	0.04	0.09
R11-12	AQA-11467	67.4	68.5	0	0.2	0.0351	0.03	0.98
R11-12	AQA-11468	68.5	69.5	0	0.3	0.039	0.03	0.7
R11-12	AQA-11469	69.5	71	0.005	0.4	0.0446	0.04	0.31
R11-12	AQA-11470	71	72.5	0	0.05	0.0161	0.03	0.11
R11-12	AQA-11471	72.5	74	0	0.05	0.0133	0.04	0.17
R11-12	AQA-11472	74	75.5	0.012	0.2	0.0112	0.04	0.21
R11-12	AQA-11473	75.5	76.52	0	0.1	0.0149	0.05	0.28
R11-13	AQA-11474	0	1	0.023	0.2	0.0153	0.62	0.01
R11-13	AQA-11475	1	2.8	0.013	2	0.027	0.23	0
R11-13	AQA-11476	2.8	4.27	0	0.6	0.0477	0.07	0
R11-13	AQA-11477	4.27	5.18	1.065	0.3	0.0133	0.06	0
R11-13	AQA-11478	5.18	6	0.034	0.3	0.0146	0.06	0
R11-13	AQA-11479	6	7	0.046	0.1	0.013	0.07	0
R11-13	AQA-11480	7	8	0.323	0.05	0.0086	0.04	0
R11-13	AQA-11481	8	9.5	0.018	0.3	0.0578	0.23	0.39
R11-13	AQA-11482	9.5	10.5	0.027	1.1	0.0313	0.3	0.65
R11-13	AQA-11483	10.5	11.5	0	0.6	0.031	0.07	0.53
R11-13	AQA-11484	11.5	13	0	0.8	0.0433	0.09	0.96
R11-13	AQA-11485	13	14.3	0	0.4	0.0176	0.06	0.32
R11-13	AQA-11486	14.3	15	0	0.1	0.0117	0.2	0.2
R11-13	AQA-11487	15	16	0.009	0.8	0.0361	0.89	0.38
R11-13	AQA-11488	16	17.15	0	0.4	0.014	0.04	0.47
R11-13	AQA-11489	17.15	18.5	0	0.9	0.0468	0.08	1.22
R11-13	AQA-11490	18.5	19.51	0.054	1.1	0.0723	0.83	0.79
R11-13	AQA-11491	19.51	21	0	0.7	0.0483	0.02	1.68
R11-13	AQA-11492	21	22	0.013	0.4	0.024	0.01	1.06
R11-13	AQA-11495	22	23.1	0.033	0.8	0.0581	0.02	2.49
R11-13	AQA-11496	23.1	24.5	0.007	0.6	0.0424	0.03	1.49
R11-13	AQA-11497	24.5	26	0.017	0.5	0.0303	0.02	1.21
R11-13	AQA-11498	26	27.3	0.088	0.5	0.0247	0.02	0.94
R11-13	AQA-11499	27.3	28.5	0.02	0.4	0.0094	0.03	0.67
R11-13	AQA-11500	28.5	30	0	0.3	0.008	0.02	0.41
R11-13	AQA-11501	30	31.06	0	0.4	0.0097	0.02	0.44

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-13	AQA-11502	31.06	32.5	0.116	0.6	0.0306	0.05	1.07
R11-13	AQA-11503	32.5	34	0	0.5	0.0232	0.02	0.84
R11-13	AQA-11504	34	35.5	0	0.4	0.0135	0.05	0.75
R11-13	AQA-11505	35.5	37	0.04	0.5	0.02	0.07	0.88
R11-13	AQA-11506	37	38.17	0.129	0.9	0.0453	0.04	1.58
R11-13	AQA-11507	38.17	39.32	0.152	2.6	0.166	0.05	3.92
R11-13	AQA-11508	39.32	40.2	0.38	6.8	0.4304	0.07	12.72
R11-13	AQA-11509	40.2	40.85	0.296	4.6	0.3079	0.08	13.31
R11-13	AQA-11510	40.85	41.35	0.383	6.9	0.5839	0.13	13.15
R11-13	AQA-11511	41.35	42.5	1.047	6.8	0.437	0.07	7.86
R11-13	AQA-11512	42.5	43.05	0.29	8.6	0.6611	0.07	12.31
R11-13	AQA-11513	43.05	43.6	0.078	1.6	0.1122	0.04	3.14
R11-13	AQA-11516	43.6	44.3	0.097	2.4	0.1343	0.06	2.74
R11-13	AQA-11517	44.3	44.8	0.251	3.4	0.2021	0.1	5.28
R11-13	AQA-11518	44.8	45.65	0.214	3	0.1548	0.12	3.42
R11-13	AQA-11519	45.65	46.2	0.637	4.8	0.1658	0.16	6.22
R11-13	AQA-11520	46.2	47.5	0.026	0.4	0.0033	0.04	0.03
R11-13	AQA-11521	47.5	49	0	0.2	0.0013	0.04	0.01
R11-13	AQA-11522	49	51.5	0	0.4	0.0022	0.04	0.03
R11-13	AQA-11523	51.5	53.05	0	0.4	0.0062	0.03	0.03
R11-13	AQA-11524	53.05	54	0.067	0.8	0.0254	0.06	0.23
R11-13	AQA-11525	54	55.3	0.018	0.9	0.0286	0.1	0.16
R11-13	AQA-11526	55.3	56.4	0.008	0.8	0.0186	0.14	0.17
R11-13	AQA-11527	56.4	57.7	0.029	0.4	0.0206	0.15	0.11
R11-13	AQA-11528	57.7	59.14	0	0.2	0.0173	0.04	0.28
R11-13	AQA-11529	59.14	60.5	0	0.8	0.0372	0.06	0.51
R11-13	AQA-11530	60.5	62	0.017	0.5	0.0254	0.13	0.22
R11-13	AQA-11531	62	63.5	0	1.6	0.0556	0.09	0.51
R11-13	AQA-11532	63.5	64.7	0	0.3	0.0286	0.1	0.32
R11-13	AQA-11533	64.7	66.2	0.363	0.5	0.0168	0.1	0.32
R11-13	AQA-11534	66.2	66.5	0.081	1.4	0.0635	0.26	0.56
R11-13	AQA-11537	66.5	68	0.194	0.4	0.0249	0.05	0.46
R11-13	AQA-11538	68	69.5	0	0.2	0.0057	0.04	0.05
R11-13	AQA-11539	69.5	71	0	0.2	0.0073	0.08	0.07
R11-13	AQA-11540	71	72.5	0	1	0.0478	0.09	0.23
R11-13	AQA-11541	72.5	74	0	1.1	0.0601	0.1	0.27
R11-13	AQA-11542	74	75.5	0	0.2	0.017	0.08	0.15
R11-13	AQA-11543	75.5	77	0	0.3	0.0095	0.06	0.16
R11-13	AQA-11544	77	78.5	0	0.3	0.0205	0.04	0.42
R11-14	AQA-11545	0	0.5	3.021	0.4	0.0065	1.41	0.01
R11-14	AQA-11546	0.5	1.5	0.102	0.05	0.0093	0.14	0
R11-14	AQA-11547	1.5	2.5	0	0.05	0.009	0.1	0
R11-14	AQA-11548	2.5	3.4	0	0.3	0.01	0.1	0
R11-14	AQA-11549	3.4	4.5	0	0.8	0.0072	0.08	0
R11-14	AQA-11550	4.5	6	0	0.8	0.0072	0.07	0
R11-14	AQA-11551	6	7.32	0.164	0.1	0.0056	0.07	0

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-14	AQA-11552	7.32	8.84	0.037	0.05	0.0064	0.06	0
R11-14	AQA-11553	8.84	10	0.046	0.05	0.0113	0.05	0.02
R11-14	AQA-11554	10	11.3	0	0.3	0.0174	0.07	0.01
R11-14	AQA-11555	11.3	12.5	0.213	0.2	0.0217	0.05	0.02
R11-14	AQA-11556	12.5	13.6	0	0.3	0.0177	0.35	0.05
R11-14	AQA-11557	13.6	14.17	0.053	0.1	0.0177	0.6	0.04
R11-14	AQA-11558	14.17	15.3	0	0.05	0.0057	0.23	0.01
R11-14	AQA-11559	15.3	16.46	0	0.05	0.0057	0.48	0
R11-14	AQA-11560	16.46	18	0.008	0.3	0.0306	0.28	0.31
R11-14	AQA-11561	18	19	0	0.1	0.0094	0.68	0.02
R11-14	AQA-11562	19	19.93	0.091	1.4	0.027	0.8	0.07
R11-14	AQA-11563	19.93	20.6	0	3.2	0.2161	0.27	0.68
R11-14	AQA-11566	20.6	22	0.02	1.1	0.0736	0.02	1.36
R11-14	AQA-11567	22	23.1	0.236	1.9	0.1865	0.01	2.87
R11-14	AQA-11568	23.1	23.7	0.047	1.3	0.097	0.02	1.68
R11-14	AQA-11569	23.7	24.4	0.015	0.4	0.0246	0.04	0.67
R11-14	AQA-11570	24.4	25	0	0.4	0.0134	0.02	0.58
R11-14	AQA-11571	25	26.5	0	0.05	0.0063	0.02	0.26
R11-14	AQA-11572	26.5	27.5	0	0.2	0.0066	0.02	0.21
R11-14	AQA-11573	27.5	28.05	0.015	0.9	0.0542	0.03	1.78
R11-14	AQA-11574	28.05	29	0.011	0.6	0.0452	0.02	0.98
R11-14	AQA-11575	29	30.1	0	0.3	0.0129	0.03	0.34
R11-14	AQA-11576	30.1	31.25	0.02	0.5	0.0259	0.03	1.06
R11-14	AQA-11577	31.25	32.5	0.012	0.4	0.0174	0.02	0.77
R11-14	AQA-11578	32.5	33.9	0.1	0.7	0.0407	0.02	1.52
R11-14	AQA-11579	33.9	34.9	0.044	1.4	0.0865	0.08	3.21
R11-14	AQA-11580	34.9	36	3.7	0.9	0.0603	0.1	1.64
R11-14	AQA-11581	36	37.35	0.028	0.8	0.0548	0.06	1.29
R11-14	AQA-11582	37.35	38.5	0	0.9	0.0534	0.05	1.07
R11-14	AQA-11583	38.5	39.5	0	0.9	0.0684	0.05	1.27
R11-14	AQA-11584	39.5	40.85	0.005	0.7	0.0552	0.27	1.15
R11-14	AQA-11587	40.85	41.6	0.008	0.5	0.0413	0.07	0.75
R11-14	AQA-11588	41.6	43	0	0.05	0.0052	0.03	0.07
R11-14	AQA-11589	43	44.5	0	0.2	0.0033	0.09	0.01
R11-14	AQA-11590	44.5	46	0	0.05	0.0023	0.07	0.04
R11-14	AQA-11591	46	46.7	0.037	0.4	0.0352	0.08	0.89
R11-14	AQA-11592	46.7	47.3	0.068	1.4	0.1072	0.04	1.41
R11-14	AQA-11593	47.3	48.5	0	0.1	0.0057	0.03	0.07
R11-14	AQA-11594	48.5	50	0	0.05	0.0061	0.03	0.12
R11-14	AQA-11595	50	51.5	0	0.2	0.0141	0.06	0.32
R11-14	AQA-11596	51.5	53	0	0.05	0.0046	0.03	0.1
R11-14	AQA-11597	53	54.5	0	0.2	0.0052	0.03	0.09
R11-14	AQA-11598	54.5	56	0	0.05	0.0023	0.03	0.03
R11-14	AQA-11599	56	57.5	0	0.3	0.0112	0.04	0.25
R11-14	AQA-11600	57.5	58.69	0.056	1.2	0.0628	0.04	0.75
R11-14	AQA-11601	58.69	60	0	0.2	0.0129	0.11	0.15

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-14	AQA-11602	60	61.5	0.051	0.4	0.0189	0.05	0.27
R11-14	AQA-11603	61.5	63	0	0.2	0.0136	0.03	0.14
R11-14	AQA-11604	63	64.5	0	0.1	0.003	0.07	0.04
R11-14	AQA-11605	64.5	66	0	0.2	0.01	0.03	0.08
R11-14	AQA-11608	66	67	0	0.5	0.0167	0.05	0.06
R11-14	AQA-11609	67	68.34	0	0.3	0.0134	0.03	0.2
R11-15	AQA-11610	0	1	0.421	0.1	0.0103	0.14	0.01
R11-15	AQA-11611	1	4.27	0	0.3	0.0128	0.05	0
R11-15	AQA-11612	4.27	7.32	0	0.1	0.0158	0.04	0
R11-15	AQA-11613	7.32	8.5	0	0.5	0.0318	0.1	0.15
R11-15	AQA-11614	8.5	10.37	0	0.2	0.0193	0.1	0.02
R11-15	AQA-11615	10.37	11.1	0.337	0.3	0.0271	0.9	0.04
R11-15	AQA-11616	11.1	12.5	0.024	0.9	0.201	0.57	1.37
R11-15	AQA-11617	12.5	14	0.039	0.8	0.0891	0.27	1.79
R11-15	AQA-11618	14	15.5	0.036	1	0.0598	0.09	1.85
R11-15	AQA-11619	15.5	16.56	0.149	1.3	0.0384	0.25	1.4
R11-15	AQA-11620	16.56	17.4	0.006	1.7	0.0709	1.39	0.33
R11-15	AQA-11621	17.4	18.5	0.067	1.6	0.0914	1.17	1.35
R11-15	AQA-11622	18.5	19.9	0.162	1.1	0.0361	1.31	0.81
R11-15	AQA-11623	19.9	20.5	0.074	1.2	0.0799	0.02	2.54
R11-15	AQA-11624	20.5	21.8	0.066	1.4	0.0934	0.09	3.24
R11-15	AQA-11625	21.8	23	0.135	1.1	0.1034	0.02	2.91
R11-15	AQA-11626	23	24	0.051	0.9	0.0605	0.03	2.28
R11-15	AQA-11627	24	24.9	0.087	0.8	0.0587	0.23	2.05
R11-15	AQA-11628	24.9	26.1	0.091	1.8	0.1502	0.05	3.61
R11-15	AQA-11631	26.1	26.7	0.067	0.8	0.0678	0.02	2.01
R11-15	AQA-11632	26.7	27.2	0.233	0.8	0.0477	0.02	1.61
R11-15	AQA-11633	27.2	28	19.67	7.1	0.3347	0.36	8.98
R11-15	AQA-11634	28	28.65	2.452	3	0.1515	0.86	2.89
R11-15	AQA-11635	28.65	29.3	0.577	2.3	0.1884	0.1	6.08
R11-15	AQA-11636	29.3	30.5	0.279	1.6	0.1174	0.11	3.74
R11-15	AQA-11637	30.5	31.55	0.744	1.1	0.0886	0.12	2.76
R11-15	AQA-11638	31.55	32.7	0.159	0.6	0.0358	0.03	0.98
R11-15	AQA-11639	32.7	33.08	0.007	0.5	0.0368	0.04	1.14
R11-15	AQA-11640	33.08	34.5	0.025	0.6	0.046	0.03	1.14
R11-15	AQA-11641	34.5	36	0.006	0.7	0.0386	0.02	1.12
R11-15	AQA-11642	36	37.5	0.017	0.5	0.0458	0.05	1.1
R11-15	AQA-11643	37.5	39	0.023	0.3	0.0246	0.04	0.87
R11-15	AQA-11644	39	40	0.037	0.3	0.0232	0.03	0.92
R11-15	AQA-11645	40	40.85	0.014	0.4	0.0311	0.04	1.18
R11-15	AQA-11646	40.85	42	0.049	0.4	0.0346	0.05	1.01
R11-15	AQA-11647	42	43	0.009	1	0.0211	0.03	0.69
R11-15	AQA-11648	43	44.1	0.01	0.7	0.0353	0.05	1.04
R11-15	AQA-11649	44.1	45	0.129	0.3	0.0236	0.07	0.77
R11-15	AQA-11652	45	46.5	0.023	0.3	0.0156	0.03	0.55
R11-15	AQA-11653	46.5	48	0.05	0.2	0.0162	0.02	0.73

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-15	AQA-11654	48	49.54	0.025	0.05	0.014	0.02	0.61
R11-15	AQA-11655	49.54	50.5	0	0.1	0.0191	0.02	0.81
R11-15	AQA-11656	50.5	51.25	0.012	0.2	0.0182	0.02	0.82
R11-15	AQA-11657	51.25	52.59	0	0.2	0.0097	0.01	0.63
R11-15	AQA-11658	52.59	54	0.035	0.3	0.0121	0.09	0.71
R11-15	AQA-11659	54	55.5	0.219	0.5	0.0393	0.02	1.35
R11-15	AQA-11660	55.5	57	0.311	1	0.0955	0.02	2.64
R11-15	AQA-11661	57	58.2	0.496	1.3	0.1195	0.03	3.1
R11-15	AQA-11662	58.2	58.84	0.516	3	0.2721	0.03	6.89
R11-15	AQA-11663	58.84	60	1.685	2.8	0.2458	0.04	5.84
R11-15	AQA-11664	60	61	0.151	1.2	0.0703	0.08	0.78
R11-15	AQA-11665	61	62.5	0.076	0.5	0.0231	0.08	0.08
R11-15	AQA-11666	62.5	64	0	0.2	0.0059	0.14	0.03
R11-15	AQA-11667	64	65.5	0	0.2	0.004	0.12	0.05
R11-15	AQA-11668	65.5	67	0	0.2	0.0043	0.12	0.02
R11-15	AQA-11669	67	68.5	0	0.1	0.004	0.13	0.02
R11-15	AQA-11670	68.5	70	0	0.2	0.0088	0.1	0.1
R11-15	AQA-11673	70	71.5	0.007	0.2	0.0152	0.08	0.25
R11-15	AQA-11674	71.5	73	0	0.3	0.0194	0.1	0.15
R11-15	AQA-11675	73	74.39	0.012	0.1	0.0019	0.78	0.04
R11-16	AQA-11676	0	1	0	0.1	0.0069	0.24	0.01
R11-16	AQA-11677	1	3.35	0	0.05	0.009	0.123	0
R11-16	AQA-11678	3.35	6.4	0	0.05	0.0089	0.11	0
R11-16	AQA-11679	6.4	7.77	0	0.05	0.0109	0.0849	0
R11-16	AQA-11680	7.77	9	0	0.5	0.0144	0.0796	0
R11-16	AQA-11681	9	10	0.086	0.1	0.025	0.0497	0.01
R11-16	AQA-11682	10	10.98	0.038	0.3	0.0599	0.0639	0.07
R11-16	AQA-11683	10.98	11.8	0.523	0.3	0.115	0.0632	0.44
R11-16	AQA-11684	11.8	13.26	0.028	0.3	0.0297	0.0159	0.07
R11-16	AQA-11685	13.26	14.48	0.04	0.05	0.0194	0.188	0.04
R11-16	AQA-11686	14.48	15.5	0.166	0.1	0.0292	0.423	0.14
R11-16	AQA-11687	15.5	16.15	0.06	0.05	0.0521	0.363	0.71
R11-16	AQA-11688	16.15	17.07	0.053	0.4	0.075	0.206	1.6
R11-16	AQA-11689	17.07	18.15	0.129	0.1	0.0767	0.0935	1.21
R11-16	AQA-11690	18.15	19.51	0.005	0.2	0.1484	0.329	0.34
R11-16	AQA-11691	19.51	21	0.009	0.4	0.0323	0.0372	0.46
R11-16	AQA-11692	21	22.5	0.062	0.3	0.0366	0.0941	0.62
R11-16	AQA-11693	22.5	24	0.009	0.3	0.0161	0.0463	0.32
R11-16	AQA-11694	24	25.5	0	0.2	0.0218	0.0715	0.51
R11-16	AQA-11697	25.5	26.5	0	0.2	0.018	0.0472	0.36
R11-16	AQA-11698	26.5	28	0.045	0.2	0.0183	0.0425	0.43
R11-16	AQA-11699	28	29.5	0.089	0.3	0.0157	0.0394	0.35
R11-16	AQA-11700	29.5	31	0	0.2	0.0176	0.0395	0.4
R11-16	AQA-11701	31	32.5	0	0.2	0.0182	0.0524	0.39
R11-16	AQA-11702	32.5	34	0.016	0.3	0.018	0.0433	0.43
R11-16	AQA-11703	34	35.5	0	0.05	0.0145	0.0713	0.33

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-16	AQA-11704	35.5	37	0	0.5	0.0192	0.0902	0.58
R11-16	AQA-11705	37	38.5	0	0.1	0.0195	0.102	0.56
R11-17	AQA-11706	0	0.6	0.152	0.1	0.0046	1.69	0.025232
R11-17	AQA-11707	0.6	2	0.217	0.05	0.0063	0.121	0.0056938
R11-17	AQA-11708	2	3	0.09	0.05	0.0066	0.129	0.0032321
R11-17	AQA-11709	3	4.2	0.082	0.05	0.0043	0.0604	0.0003591
R11-17	AQA-11710	4.2	5.64	0.139	0.3	0.1087	0.0494	0.0043429
R11-17	AQA-11711	5.64	7	0	1.1	0.1016	0.02	0.86145
R11-17	AQA-11712	7	8.5	0	0.6	0.0373	0.0239	1.0134
R11-17	AQA-11713	8.5	10.06	0	0.3	0.0187	0.0234	0.56573
R11-17	AQA-11714	10.06	11.5	0	0.5	0.0234	0.0218	0.81937
R11-17	AQA-11715	11.5	13	0	0.4	0.0241	0.0498	0.57237
R11-17	AQA-11716	13	14.5	0	0.3	0.0187	0.0628	0.5045
R11-17	AQA-11717	14.5	15	0	1	0.0617	0.0199	0.67178
R11-17	AQA-11718	15	16.5	0	0.5	0.0237	0.0453	1.8766
R11-17	AQA-11719	16.5	17.3	0	0.4	0.0171	0.0151	0.67489
R11-17	AQA-11720	17.3	18	0	1	0.0709	0.0234	2.6381
R11-17	AQA-11721	18	19	0	0.7	0.041	0.0435	1.3689
R11-17	AQA-11722	19	20	0	0.5	0.0206	0.0123	0.81199
R11-17	AQA-11723	20	21	0	0.4	0.0268	0.0372	0.75066
R11-17	AQA-11724	21	22	0.011	0.3	0.0159	0.0262	0.56954
R11-17	AQA-11727	22	23	0	0.3	0.0163	0.122	0.31229
R11-17	AQA-11728	23	24	0	0.5	0.0277	0.0471	0.78592
R11-17	AQA-11729	24	25.4	0	0.3	0.0215	0.0643	0.48079
R11-17	AQA-11730	25.4	26.5	0	0.6	0.0306	0.0455	0.68549
R11-17	AQA-11731	26.5	27.5	0	0.7	0.0495	0.192	1.4541
R11-17	AQA-11732	27.5	28.66	0.006	0.6	0.0463	0.0616	1.1359
R11-17	AQA-11733	28.66	29.9	0.013	1.1	0.0796	0.0119	1.5087
R11-17	AQA-11734	29.9	31	0.007	0.6	0.0435	0.314	1.5031
R11-17	AQA-11735	31	32	0.019	1	0.0507	0.0229	1.3917
R11-17	AQA-11736	32	33	0.024	1	0.068	0.01	1.3726
R11-17	AQA-11737	33	34	0.076	1.1	0.0795	0.397	1.2694
R11-17	AQA-11738	34	35.1	0.305	1.5	0.1188	1.07	1.1466
R11-17	AQA-11739	35.1	35.85	4.336	6	0.2406	0.0333	5.6467
R11-17	AQA-11740	35.85	36.35	12.963	8.2	0.4682	0.0346	4.9819
R11-17	AQA-11741	36.35	36.9	12.005	10.1	0.3849	0.0139	5.3024
R11-17	AQA-11742	36.9	38	1.684	2.6	0.1825	0.0149	2.8876
R11-17	AQA-11743	38	39	1.587	3.5	0.2262	0.0309	4.6532
R11-17	AQA-11744	39	40	0.238	2.1	0.1796	0.0561	2.9804
R11-17	AQA-11745	40	40.75	0.281	1.6	0.1424	0.0227	2.8659
R11-17	AQA-11748	40.75	41.25	0.768	3.3	0.1853	0.067	3.4246
R11-17	AQA-11749	41.25	42.5	0.442	1.8	0.1855	0.0192	3.2316
R11-17	AQA-11750	42.5	43.1	0.737	2.2	0.1996	0.0267	4.0493
R11-17	AQA-11751	43.1	43.6	0.473	2.9	0.2193	0.0406	4.5242
R11-17	AQA-11752	43.6	45	2.309	1.4	0.0954	0.0271	2.4069
R11-17	AQA-11753	45	46	0.094	1.4	0.1324	0.0234	3.1468

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-17	AQA-11754	46	47.1	0.101	1.4	0.1367	0.0203	3.4864
R11-17	AQA-11755	47.1	48	0.071	1.8	0.1449	0.0164	2.793
R11-17	AQA-11756	48	49	0.088	0.7	0.0604	0.0241	1.438
R11-17	AQA-11757	49	50.5	0.072	0.3	0.0127	0.0576	0.46728
R11-17	AQA-11758	50.5	52	0	0.3	0.0188	0.034	0.56388
R11-17	AQA-11759	52	53.35	0.056	0.4	0.0238	0.0289	0.62082
R11-17	AQA-11760	53.35	54.5	0	0.8	0.0385	0.0259	1.0644
R11-17	AQA-11761	54.5	56	0.035	1.3	0.0839	0.0208	1.7594
R11-17	AQA-11762	56	57.5	0	0.7	0.0294	0.0223	0.76034
R11-17	AQA-11763	57.5	59	0	0.5	0.0284	0.0183	0.81158
R11-17	AQA-11764	59	59.75	0	0.7	0.0319	0.025	0.67138
R11-17	AQA-11765	59.75	60.66	0	0.5	0.0198	0.0256	0.67832
R11-17	AQA-11766	60.66	61.5	0.018	0.8	0.0371	0.0432	0.83529
R11-17	AQA-11767	61.5	62.43	0.012	1.2	0.0454	0.0371	0.67454
R11-17	AQA-11770	62.43	63	0.097	0.6	0.0458	0.0645	1.0299
R11-17	AQA-11771	63	64.5	0	0.2	0.0065	0.0317	0.10242
R11-17	AQA-11772	64.5	66	0	0.1	0.0059	0.0442	0.054604
R11-17	AQA-11773	66	67.5	0	0.1	0.0096	0.0411	0.15172
R11-17	AQA-11774	67.5	69	0	0.2	0.0078	0.0503	0.10695
R11-17	AQA-11775	69	70.5	0	0.2	0.0128	0.0759	0.12292
R11-17	AQA-11776	70.5	71.65	0	0.05	0.0071	0.0323	0.087432
R11-18	AQA-11777	0	0.5	0	0.05	0.0099	1.05	0.017507
R11-18	AQA-11778	0.5	1.5	0	0.05	0.0114	0.195	0.0041032
R11-18	AQA-11779	1.5	2.2	0	0.05	0.0098	0.234	0.0057445
R11-18	AQA-11780	2.2	3.66	0	0.1	0.011	0.336	0.003606
R11-18	AQA-11781	3.66	4.73	0	0.05	0.0148	0.102	0.00501
R11-18	AQA-11782	4.73	6.1	0	0.05	0.0153	0.0598	0.0016431
R11-18	AQA-11783	6.1	7.47	0	0.05	0.0145	0.124	0.0023436
R11-18	AQA-11784	7.47	8.84	0	0.05	0.0083	0.117	0.010261
R11-18	AQA-11785	8.84	10	0	0.05	0.0075	0.123	0.016083
R11-18	AQA-11786	10	10.82	0.069	0.05	0.0037	0.158	0.00274
R11-18	AQA-11787	10.82	11.74	0.054	0.05	0.0066	0.155	0.0011625
R11-18	AQA-11788	11.74	13	0.092	0.1	0.011	0.156	0.0067746
R11-18	AQA-11789	13	14.33	0.107	0.1	0.0124	0.171	0.041297
R11-18	AQA-11790	14.33	15.6	0.18	0.05	0.0059	0.213	0.011643
R11-18	AQA-11791	15.6	16.77	0.344	0.1	0.0081	0.184	0.020255
R11-18	AQA-11792	16.77	17.68	0.081	0.1	0.0072	0.157	0.017353
R11-18	AQA-11793	17.68	18.7	0.067	0.2	0.0117	0.206	0.13605
R11-18	AQA-11794	18.7	19.81	0.138	1.1	0.1418	0.156	1.9002
R11-18	AQA-11795	19.81	21	0.017	1	0.0435	0.0795	1.0511
R11-18	AQA-11798	21	21.55	0.069	0.5	0.0416	0.0783	0.95699
R11-18	AQA-11799	21.55	22.7	0.489	1.6	0.169	0.0454	1.6342
R11-18	AQA-11800	22.7	23.5	0.109	0.7	0.0446	0.0302	1.1059
R11-18	AQA-11801	23.5	24	0.058	1.5	0.1251	0.0292	1.8011
R11-18	AQA-11802	24	24.8	0.108	0.5	0.0328	0.027	1.202
R11-18	AQA-11803	24.8	25.91	0	0.3	0.0084	0.0269	0.42882

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-18	AQA-11804	25.91	26.9	0.01	0.2	0.0047	0.0354	0.21741
R11-18	AQA-11805	26.9	28	0.141	0.4	0.0187	0.0696	0.59654
R11-18	AQA-11806	28	28.96	0.041	0.4	0.0219	0.0748	0.70748
R11-18	AQA-11807	28.96	29.5	0.067	1.1	0.1146	0.0464	2.9215
R11-18	AQA-11808	29.5	30.6	0.092	0.6	0.06	0.0401	1.4423
R11-18	AQA-11809	30.6	31.4	0.019	0.4	0.0298	0.0528	1.0202
R11-18	AQA-11810	31.4	32.5	0.072	0.4	0.0326	0.112	1.0472
R11-18	AQA-11811	32.5	34	0.029	0.4	0.0542	0.0382	1.4141
R11-18	AQA-11812	34	35.06	0.023	0.6	0.0433	0.0266	1.0724
R11-18	AQA-11813	35.06	36	0.121	0.6	0.0556	0.037	1.9544
R11-18	AQA-11814	36	37.5	0.019	0.4	0.0308	0.0507	0.8104
R11-18	AQA-11815	37.5	39	0.032	0.5	0.0291	0.0562	1.0909
R11-18	AQA-11816	39	40.5	0.024	0.4	0.0271	0.0636	0.71783
R11-18	AQA-11819	40.5	41.85	0.016	0.3	0.0165	0.0813	0.60565
R11-18	AQA-11820	41.85	42.5	0.025	0.3	0.0164	0.0989	0.60779
R11-18	AQA-11821	42.5	43	0.116	2.2	0.2105	0.0358	3.8844
R11-18	AQA-11822	43	44.5	0.092	0.7	0.0337	0.0335	0.67625
R11-18	AQA-11823	44.5	45.9	0.069	0.4	0.02	0.041	0.63414
R11-18	AQA-11824	45.9	47	0.013	0.3	0.0167	0.0555	0.65386
R11-18	AQA-11825	47	48.5	0.026	0.9	0.068	0.0406	1.8621
R11-18	AQA-11826	48.5	49.16	0.057	0.7	0.0619	0.0516	1.3382
R11-18	AQA-11827	49.16	50.3	0.086	0.9	0.0751	0.0568	1.7987
R11-18	AQA-11828	50.3	51.5	0.13	0.4	0.0326	0.0594	1.0416
R11-18	AQA-11829	51.5	53	0	0.5	0.0301	0.0625	0.82333
R11-18	AQA-11830	53	54	0.015	0.4	0.0281	0.0458	0.69931
R11-18	AQA-11831	54	55.5	0.04	0.2	0.0138	0.0549	0.45514
R11-18	AQA-11832	55.5	57	0.05	0.3	0.0138	0.0299	0.68298
R11-18	AQA-11833	57	58.5	0.051	0.3	0.0295	0.0469	1.0469
R11-18	AQA-11834	58.5	59	0.082	0.5	0.0404	0.0473	1.4288
R11-18	AQA-11835	59	60.5	0.045	0.3	0.0336	0.0473	1.1111
R11-18	AQA-11836	60.5	62	0.113	0.3	0.0221	0.054	0.95568
R11-18	AQA-11837	62	63.5	0.043	0.3	0.0126	0.0567	0.85005
R11-18	AQA-11838	63.5	64.5	0.158	0.2	0.0077	0.0314	0.64522
R11-18	AQA-11841	64.5	65.65	0.156	0.05	0.0051	0.0368	0.3034
R11-18	AQA-11842	65.65	67	0.088	0.5	0.0352	0.0518	1.4727
R11-18	AQA-11843	67	68.3	0.077	1.1	0.0921	0.0418	3.0933
R11-18	AQA-11844	68.3	69.21	0.836	3.9	0.1588	0.0388	1.9813
R11-18	AQA-11845	69.21	70	0.33	0.8	0.0693	0.0878	1.4651
R11-18	AQA-11846	70	71.4	0.141	0.7	0.0502	0.0357	0.78973
R11-18	AQA-11847	71.4	72	0.261	2.9	0.1407	0.101	2.5883
R11-18	AQA-11848	72	73.1	0.167	3.3	0.113	0.0798	0.57712
R11-18	AQA-11849	73.1	74.5	0.069	1.2	0.0994	0.0448	1.7986
R11-18	AQA-11850	74.5	76	0.072	0.9	0.0603	0.0244	1.6473
R11-18	AQA-11851	76	77.5	0	0.7	0.0504	0.037	1.6417
R11-18	AQA-11852	77.5	79	0.092	0.6	0.042	0.031	1.2002
R11-18	AQA-11853	79	80.5	0.213	1.9	0.1291	0.0243	3.1077

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-18	AQA-11854	80.5	82	0.099	1.2	0.1252	0.0428	2.7235
R11-18	AQA-11855	82	82.7	0.097	0.7	0.0814	0.0336	1.9544
R11-18	AQA-11856	82.7	83.3	0.104	0.5	0.0526	0.0894	3.0937
R11-18	AQA-11857	83.3	84	0.027	0.2	0.0143	0.0479	0.14994
R11-18	AQA-11858	84	85	0.064	0.1	0.0157	0.0408	0.33338
R11-18	AQA-11859	85	86.2	0.59	2.4	0.2813	0.113	5.6263
R11-18	AQA-11862	86.2	87.35	1.595	1.5	0.1378	0.113	4.9281
R11-18	AQA-11863	87.35	88.5	0	0.05	0.011	0.0436	0.12206
R11-18	AQA-11864	88.5	89.94	0	0.05	0.0008	0.0338	0.007905
R11-18	AQA-11865	89.94	91.5	0.007	0.1	0.004	0.0447	0.015255
R11-18	AQA-11866	91.5	93	0.036	0.4	0.023	0.0628	0.053785
R11-18	AQA-11867	93	94.5	0.039	0.2	0.0153	0.0905	0.058676
R11-18	AQA-11868	94.5	96.04	0.015	0.05	0.0036	0.0584	0.029869
R11-18	AQA-11869	96.04	97.5	0.017	0.1	0.0076	0.055	0.14078
R11-18	AQA-11870	97.5	99.08	0	0.3	0.015	0.0399	0.26967
R11-19	AQA-11871	0	1	0.012	0.1	0.0061	0.879	0.053997
R11-19	AQA-11872	1	2	0	0.1	0.0059	1.38	0.016189
R11-19	AQA-11873	2	3.96	0	0.05	0.0123	0.276	0.0067483
R11-19	AQA-11874	3.96	5	0.07	0.05	0.0122	0.313	0.0074966
R11-19	AQA-11875	5	6	0.016	0.05	0.0069	0.0822	0.0022906
R11-19	AQA-11876	6	7.16	0	0.05	0.0043	0.19	0.0048355
R11-19	AQA-11877	7.16	8.54	0.016	0.05	0.0085	0.216	0.0071578
R11-19	AQA-11878	8.54	10.06	0.03	0.05	0.0056	0.205	0.0080211
R11-19	AQA-11879	10.06	11.59	0	0.1	0.004	0.198	0.0071681
R11-19	AQA-11880	11.59	12.4	0	0.05	0.0074	0.125	0.00898
R11-19	AQA-11881	12.4	13.41	0.013	0.3	0.0124	0.0868	0.03038
R11-19	AQA-11882	13.41	14.5	0.453	0.3	0.0057	0.118	0.0077297
R11-19	AQA-11883	14.5	15.24	0.05	0.4	0.0993	0.111	0.062412
R11-19	AQA-11884	15.24	16.46	0.096	0.6	0.0853	0.0838	1.1668
R11-19	AQA-11885	16.46	17.99	0.126	0.1	0.0315	0.0423	0.7916
R11-19	AQA-11886	17.99	18.5	0.013	0.3	0.0145	0.0409	0.21431
R11-19	AQA-11887	18.5	19.82	0.091	0.1	0.0188	0.0348	0.58275
R11-19	AQA-11888	19.82	21	0.145	0.2	0.0262	0.0241	0.78525
R11-19	AQA-11889	21	22	0.024	0.3	0.0505	0.0161	2.1529
R11-19	AQA-11892	22	23	0.024	0.2	0.045	0.0192	1.4538
R11-19	AQA-11893	23	24	0.014	0.2	0.0422	0.0224	1.1176
R11-19	AQA-11894	24	25	0	0.05	0.0212	0.0216	0.64031
R11-19	AQA-11895	25	26	0.006	0.2	0.0265	0.0302	0.7742
R11-19	AQA-11896	26	26.5	0	0.2	0.0386	0.0811	1.0725
R11-19	AQA-11897	26.5	28	0.006	0.3	0.0296	0.0296	0.99289
R11-19	AQA-11898	28	29.5	0	0.2	0.0189	0.0229	0.63699
R11-19	AQA-11899	29.5	31	0.005	0.3	0.0267	0.0287	0.87268
R11-19	AQA-11900	31	32.5	0	0.2	0.0457	0.0232	0.95278
R11-19	AQA-11901	32.5	34	0.019	0.05	0.0168	0.0446	0.5148
R11-19	AQA-11902	34	35.5	0	0.1	0.0285	0.03	0.82677
R11-19	AQA-11903	35.5	37	0	0.05	0.0142	0.0387	0.41142

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-19	AQA-11904	37	38.1	0	0.2	0.0288	0.0454	0.90469
R11-19	AQA-11905	38.1	39	0	0.05	0.0191	0.0335	0.62224
R11-19	AQA-11906	39	39.5	0.057	1.3	0.1732	0.0651	1.8684
R11-19	AQA-11907	39.5	40.8	0.006	0.3	0.0277	0.0312	0.88168
R11-19	AQA-11908	40.8	41.3	0.006	0.1	0.0188	0.0264	0.56589
R11-19	AQA-11909	41.3	41.8	0.11	1.2	0.1401	0.075	3.1644
R11-19	AQA-11910	41.8	43	0.009	0.2	0.0218	0.0214	0.86545
R11-19	AQA-11913	43	44.1	0.007	0.2	0.0175	0.0281	0.72124
R11-19	AQA-11914	44.1	45.43	0	0.05	0.0078	0.0583	0.35263
R11-19	AQA-11915	45.43	46.63	0	0.05	0.0065	0.0279	0.36526
R11-19	AQA-11916	46.63	48	0	0.05	0.0058	0.0468	0.19081
R11-19	AQA-11917	48	49.5	0.007	0.2	0.0196	0.0347	0.64782
R11-19	AQA-11918	49.5	51	0.013	0.2	0.0322	0.0262	1.0439
R11-19	AQA-11919	51	52.13	0.024	0.2	0.0396	0.0255	1.0257
R11-19	AQA-11920	52.13	53.1	0.19	0.7	0.077	0.029	2.988
R11-19	AQA-11921	53.1	54.5	0	0.05	0.0075	0.0304	0.12274
R11-19	AQA-11922	54.5	55.5	0	0.3	0.0235	0.0339	0.87696
R11-19	AQA-11923	55.5	56.4	0.024	0.4	0.028	0.226	1.0808
R11-19	AQA-11924	56.4	57.5	0.011	0.3	0.0265	0.0543	1.1553
R11-19	AQA-11925	57.5	59	0	0.3	0.0265	0.0277	0.94075
R11-19	AQA-11926	59	60.3	0.008	0.2	0.0194	0.0252	0.78887
R11-19	AQA-11927	60.3	61	0.136	1	0.0946	0.0193	2.5334
R11-19	AQA-11928	61	61.7	0.016	0.8	0.0688	0.0238	2.1611
R11-19	AQA-11929	61.7	63	0.029	0.5	0.0503	0.0365	1.4921
R11-19	AQA-11930	63	64.5	0	0.3	0.0347	0.0321	1.1291
R11-19	AQA-11931	64.5	66	0.008	0.6	0.0511	0.0296	1.7251
R11-19	AQA-11932	66	67	0.019	0.7	0.0676	0.0498	1.4825
R11-19	AQA-11935	67	68.5	0	0.4	0.0385	0.0397	1.0948
R11-19	AQA-11936	68.5	70	0.015	0.4	0.032	0.0364	0.9712
R11-19	AQA-11937	70	71	0	0.2	0.019	0.0641	0.53699
R11-19	AQA-11938	71	72.1	0.023	0.3	0.0192	0.0531	0.91549
R11-19	AQA-11939	72.1	73.5	0.351	0.7	0.0466	0.0658	1.7622
R11-19	AQA-11940	73.5	74.7	0.046	0.6	0.0676	0.0286	1.9095
R11-19	AQA-11941	74.7	76	0.016	0.2	0.0255	0.0338	0.95556
R11-19	AQA-11942	76	76.55	0.014	0.3	0.0397	0.258	1.2402
R11-19	AQA-11943	76.55	78	0.028	0.2	0.0218	0.0285	1.0307
R11-19	AQA-11944	78	79.5	0	0.05	0.0081	0.0251	0.47972
R11-19	AQA-11945	79.5	80.79	0.042	0.1	0.009	0.0199	0.65143
R11-19	AQA-11946	80.79	81.7	0.141	0.3	0.0273	0.0196	1.4306
R11-19	AQA-11947	81.7	82.5	0.087	0.5	0.0529	0.179	1.6278
R11-19	AQA-11948	82.5	83.05	0.065	0.5	0.056	0.0734	1.1053
R11-19	AQA-11949	83.05	84	0.011	0.05	0.0048	0.0608	0.10136
R11-19	AQA-11950	84	85.5	0	0.2	0.0086	0.0363	0.24488
R11-19	AQA-11951	85.5	86.65	0.011	0.05	0.0088	0.243	0.2106
R11-19	AQA-11952	86.65	88	0.01	0.2	0.0053	0.0357	0.099829
R11-19	AQA-11953	88	89.5	0	0.4	0.0159	0.044	0.073095

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-19	AQA-11956	89.5	91	0	0.2	0.0028	0.0331	0.013767
R11-19	AQA-11957	91	92.5	0	0.05	0.0034	0.0446	0.021544
R11-19	AQA-11958	92.5	94	0	0.05	0.0034	0.0334	0.038049
R11-19	AQA-11959	94	95.5	0	0.05	0.0057	0.0347	0.052375
R11-19	AQA-11960	95.5	97	0	0.05	0.0094	0.0323	0.19306
R11-19	AQA-11961	97	98.5	0.012	0.1	0.0098	0.0349	0.19082
R11-19	AQA-11962	98.5	100	0	0.3	0.0121	0.0269	0.18339
R11-19	AQA-11963	100	101.5	0	0.8	0.0242	0.0596	0.13564
R11-19	AQA-11964	101.5	102.6	0	0.8	0.0382	0.0737	0.10079
R11-19	AQA-11965	102.6	103.1	0	0.2	0.0089	0.0929	0.013559
R11-19	AQA-11966	103.1	104.5	0	0.05	0.0028	0.0367	0.025742
R11-19	AQA-11967	104.5	106	0	0.2	0.0031	0.0663	0.023663
R11-19	AQA-11968	106	107.5	0	0.2	0.0161	0.0478	0.17494
R11-19	AQA-11969	107.5	109	0	0.05	0.0017	0.151	0.0048516
R11-19	AQA-11970	109	110	0	0.05	0.0009	0.0487	0.0095158
R11-19	AQA-11971	110	111.28	0	0.05	0.0061	0.0432	0.064714
R11-20	AQA-11972	0	1	0	0.05	0.0044	0.357	0.0009286
R11-20	AQA-11973	1	2	0	0.1	0.0044	0.337	0.0004765
R11-20	AQA-11974	2	3.96	0	0.05	0.0087	0.236	0.0006213
R11-20	AQA-11975	3.96	5	0	0.05	0.0058	0.278	0.0020994
R11-20	AQA-11976	5	5.79	0	0.05	0.0076	0.345	0.0027122
R11-20	AQA-11977	5.79	7.32	0	0.05	0.0094	0.234	0.0023623
R11-20	AQA-11978	7.32	8.4	0.023	0.1	0.0057	0.27	0.0026724
R11-20	AQA-11979	8.4	9.07	0	0.4	0.0044	0.282	0.0012357
R11-20	AQA-11980	9.07	10.5	0	2.9	0.0842	0.286	0.76873
R11-20	AQA-11981	10.5	11.89	0	0.1	0.021	0.0357	0.64975
R11-20	AQA-11982	11.89	13	0	0.05	0.0203	0.0423	0.69849
R11-20	AQA-11983	13	14.15	0	0.2	0.0297	0.0331	0.85642
R11-20	AQA-11984	14.15	15.5	0	0.05	0.0137	0.0347	0.53219
R11-20	AQA-11985	15.5	17	0	0.05	0.0085	0.0309	0.36026
R11-20	AQA-11986	17	18.1	0	0.05	0.017	0.0193	0.81021
R11-20	AQA-11987	18.1	19.2	0	0.05	0.015	0.0317	0.67761
R11-20	AQA-11988	19.2	20	0	0.05	0.0169	0.0276	1.0012
R11-20	AQA-11989	20	21	0	0.05	0.0121	0.0376	0.51337
R11-20	AQA-11990	21	22	0	0.05	0.0148	0.0315	0.5618
R11-20	AQA-11993	22	23.1	0.012	0.05	0.0151	0.0254	0.79888
R11-20	AQA-11994	23.1	23.7	0.017	0.3	0.0532	0.0536	2.3172
R11-20	AQA-11995	23.7	25	0	0.05	0.0322	0.0361	1.284
R11-20	AQA-11996	25	26	0.02	0.3	0.0534	0.035	1.6069
R11-20	AQA-11997	26	27	0.015	0.05	0.037	0.0304	1.763
R11-20	AQA-11998	27	28	0.016	0.2	0.0706	0.0335	2.3521
R11-20	AQA-11999	28	28.96	0.03	0.2	0.0588	0.0161	2.4569
R11-20	AQA-12000	28.96	30	0.016	0.2	0.0697	0.0197	2.5183
R11-20	AQA-12001	30	31	0.019	0.2	0.0667	0.0183	2.3726
R11-20	AQA-12002	31	32.32	0	0.05	0.033	0.0214	1.1072
R11-20	AQA-12003	32.32	33.5	0	0.05	0.023	0.0194	1.0763

Reef All Assays

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R11-20	AQA-12004	33.5	35.06	0.006	0.3	0.0209	0.0217	0.84352
R11-20	AQA-12005	35.06	36.5	0	0.3	0.0249	0.0185	0.76708
R11-20	AQA-12006	36.5	37.6	0	0.2	0.0183	0.0188	0.67385
R11-20	AQA-12007	37.6	38.7	0.02	0.5	0.0703	0.0164	1.6294
R11-20	AQA-12008	38.7	39.3	0.009	0.2	0.0353	0.0172	1.2906
R11-20	AQA-12009	39.3	40.5	0.054	0.1	0.0098	0.029	0.33757
R11-20	AQA-12010	40.5	41.3	0.023	0.05	0.0133	0.0226	0.52827
R11-20	AQA-12011	41.3	42	0.012	0.3	0.0224	0.0284	0.77578
R11-20	AQA-12014	42	43	0.011	0.3	0.0318	0.022	1.0039
R11-20	AQA-12015	43	44.21	0.008	0.2	0.0225	0.0464	0.73715
R11-20	AQA-12016	44.21	44.7	0.006	0.5	0.0546	0.0269	2.1074
R11-20	AQA-12017	44.7	46	0.012	0.05	0.0129	0.0322	0.35693
R11-20	AQA-12018	46	47.5	0.02	0.1	0.0253	0.018	1.3303
R11-20	AQA-12019	47.5	49	0.025	0.2	0.0483	0.0232	0.93503
R11-20	AQA-12020	49	50.3	0.019	0.2	0.0297	0.0274	2.0118
R11-20	AQA-12021	50.3	50.95	0.038	0.5	0.0742	0.0088	3.9189
R11-20	AQA-12022	50.95	51.5	0.049	0.5	0.0697	0.0114	4.7331
R11-20	AQA-12023	51.5	52	0.065	0.5	0.0873	0.0207	1.8211
R11-20	AQA-12024	52	53	0.031	0.3	0.0583	0.028	0.76585
R11-20	AQA-12025	53	54	0	0.1	0.0322	0.0254	0.97795
R11-20	AQA-12026	54	55	0	0.05	0.0108	0.019	0.31811
R11-20	AQA-12027	55	55.5	0.04	0.2	0.0411	0.0172	0.93705
R11-20	AQA-12028	55.5	56.4	0.033	0.2	0.0443	0.0195	1.6401
R11-20	AQA-12029	56.4	57.42	0	0.05	0.0156	0.0266	0.53931
R11-20	AQA-12030	57.42	58.5	0.049	0.05	0.0249	0.0241	0.79398
R11-20	AQA-12031	58.5	60	0.022	0.1	0.0345	0.0222	0.86798
R11-20	AQA-12032	60	61.25	0.017	0.05	0.0254	0.0169	0.75504
R11-20	AQA-12033	61.25	62.5	0.028	0.2	0.0407	0.0321	1.2296
R11-20	AQA-12036	62.5	63.4	0.011	0.2	0.0318	0.0339	0.68659
R11-20	AQA-12037	63.4	64	0.019	0.2	0.0326	0.0363	0.70925
R11-20	AQA-12038	64	65.55	0.023	0.3	0.0362	0.0459	1.0205
R11-20	AQA-12039	65.55	66.5	0	0.1	0.0174	0.0325	0.51144
R11-20	AQA-12040	66.5	67.5	0	0.2	0.0226	0.0228	0.66343
R11-20	AQA-12041	67.5	68	0.02	0.7	0.0907	0.023	2.5293
R11-20	AQA-12042	68	69.5	0.023	0.2	0.0258	0.0257	0.84776
R11-20	AQA-12043	69.5	71	0	0.05	0.0096	0.0275	0.33035
R11-20	AQA-12044	71	72.5	0	0.05	0.0158	0.0327	0.59385
R11-20	AQA-12045	72.5	74	0	0.05	0.0149	0.192	0.51445
R11-20	AQA-12046	74	75.5	0	0.05	0.0146	0.0458	0.53962
R11-20	AQA-12047	75.5	77	0	0.2	0.0192	0.0397	0.57646
R11-20	AQA-12048	77	78.5	0.011	0.2	0.0264	0.0422	0.82938
R11-20	AQA-12049	78.5	79.5	0.061	0.6	0.072	0.0151	1.8177
R11-20	AQA-12050	79.5	80.25	0.085	0.8	0.0827	0.0369	2.281
R11-20	AQA-12051	80.25	81.5	0.024	0.1	0.0302	0.0554	0.82094
R11-20	AQA-12052	81.5	82.5	0	0.1	0.0288	0.0747	0.87851
R11-20	AQA-12053	82.5	83.1	0	0.05	0.017	0.143	0.34348

Reef All Assays

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R11-20	AQA-12054	83.1	83.8	0	0.2	0.0295	0.0659	0.87475
R11-20	AQA-12057	83.8	85	0.014	0.3	0.0485	0.0344	1.1827
R11-20	AQA-12058	85	86.13	0	0.4	0.0522	0.0286	1.3581
R11-20	AQA-12059	86.13	86.9	0.039	0.7	0.0922	0.0341	2.1193
R11-20	AQA-12060	86.9	88	0.025	1	0.1059	0.049	2.4556
R11-20	AQA-12061	88	89	0.02	1	0.0952	0.104	2.7498
R11-20	AQA-12062	89	89.94	0	0.4	0.0489	0.0212	1.7321
R11-20	AQA-12063	89.94	91	0.005	0.4	0.043	0.0224	1.4604
R11-20	AQA-12064	91	92	0.008	0.7	0.0608	0.0328	2.7718
R11-20	AQA-12065	92	92.99	0.05	0.9	0.0818	0.0274	2.8635
R11-20	AQA-12066	92.99	94	0.008	1.2	0.0815	0.0331	2.5861
R11-20	AQA-12067	94	95.1	0.021	0.7	0.0864	0.021	2.7331
R11-20	AQA-12068	95.1	96.34	0	0.3	0.0727	0.103	1.8194
R11-20	AQA-12069	96.34	97.5	0	0.05	0.0125	0.147	0.1936
R11-20	AQA-12070	97.5	98.6	0.013	0.1	0.0421	0.182	0.58228
R11-20	AQA-12071	98.6	100	0	0.05	0.0136	0.0884	0.19223
R11-20	AQA-12072	100	101.68	0	0.05	0.0065	0.0916	0.038313
R11-20	AQA-12073	101.68	103	0.015	0.05	0.0046	0.217	0.057809
R11-20	AQA-12074	103	104.5	0	0.05	0.0091	0.0532	0.094275
R11-20	AQA-12075	104.5	106	0	0.05	0.0074	0.0729	0.22258
R11-20	AQA-12078	106	107.5	0	0.05	0.0067	0.0323	0.13959
R11-20	AQA-12079	107.5	109	0.009	0.05	0.0099	0.036	0.21813
R11-20	AQA-12080	109	110.5	0	0.05	0.0022	0.0413	0.031562
R11-20	AQA-12081	110.5	111.28	0	0.05	0.0038	0.0269	0.12053
R11-21	AQA-12082	0	0.58	0.013	0.05	0.0026	1.9	0.027996
R11-21	AQA-12083	0.58	2	0.029	0.05	0.0033	0.519	0.01754
R11-21	AQA-12084	2	3	0	0.05	0.0031	0.47	0.014411
R11-21	AQA-12085	3	5.18	0	0.05	0.0095	0.369	0.0060119
R11-21	AQA-12086	5.18	6.5	0	0.05	0.0049	0.397	0.0068804
R11-21	AQA-12087	6.5	8	0	0.05	0.0028	0.286	0.0066604
R11-21	AQA-12088	8	9.5	0	0.05	0.0056	0.325	0.0093867
R11-21	AQA-12089	9.5	11	0	0.05	0.0035	0.432	0.011331
R11-21	AQA-12090	11	12.2	0	0.05	0.0046	0.401	0.0095223
R11-21	AQA-12091	12.2	12.7	0.015	7.7	0.0148	0.58	1.0149
R11-21	AQA-12092	12.7	13.87	0	1.9	0.0086	0.245	0.18034
R11-21	AQA-12093	13.87	15	0	3.3	0.341	0.837	0.13823
R11-21	AQA-12094	15	16.5	0	2.1	0.1504	0.178	2.0303
R11-21	AQA-12095	16.5	18	0	0.05	0.0165	0.0265	0.63378
R11-21	AQA-12096	18	19.5	0	0.05	0.0224	0.0247	0.74993
R11-21	AQA-12097	19.5	21	0	0.05	0.009	0.0278	0.34121
R11-21	AQA-12098	21	21.93	0	0.05	0.0158	0.0232	0.66331
R11-21	AQA-12099	21.93	23	0	0.05	0.0187	0.0338	0.77317
R11-21	AQA-12100	23	24.5	0	0.05	0.0165	0.0282	0.65833
R11-21	AQA-12103	24.5	25.91	0	0.05	0.0089	0.0361	0.4362
R11-21	AQA-12104	25.91	27.4	0	0.05	0.0102	0.0289	0.40062
R11-21	AQA-12105	27.4	28.5	0.013	0.05	0.0186	0.0328	0.76579

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-21	AQA-12106	28.5	29.78	0.013	0.05	0.0057	0.0335	0.25336
R11-21	AQA-12107	29.78	30.7	0	0.2	0.029	0.0243	1.9999
R11-21	AQA-12108	30.7	32	0	0.2	0.0202	0.0184	0.99788
R11-21	AQA-12109	32	33	0.007	0.2	0.0212	0.0267	0.971
R11-21	AQA-12110	33	34	0	0.2	0.0213	0.0405	1.1443
R11-21	AQA-12111	34	35.3	0.008	0.5	0.0586	0.016	2.3387
R11-21	AQA-12112	35.3	36	0.062	1.5	0.1414	0.0731	9.1743
R11-21	AQA-12113	36	37	0.022	0.7	0.0565	0.0473	2.2879
R11-21	AQA-12114	37	37.6	0.028	0.6	0.0444	0.0813	1.8103
R11-21	AQA-12115	37.6	39	0.005	0.3	0.0164	0.0739	0.7998
R11-21	AQA-12116	39	40.5	0.015	0.4	0.0557	0.061	1.4003
R11-21	AQA-12117	40.5	41.15	0.037	0.5	0.0742	0.0211	3.2721
R11-21	AQA-12118	41.15	42.5	0.007	0.4	0.025	0.0216	0.9071
R11-21	AQA-12119	42.5	44	0	0.2	0.015	0.0269	0.7849
R11-21	AQA-12120	44	45.5	0	0.4	0.0134	0.0316	0.52447
R11-21	AQA-12121	45.5	47	0	0.4	0.0223	0.0342	0.83019
R11-21	AQA-12124	47	48.5	0	0.3	0.0167	0.0425	0.67183
R11-21	AQA-12125	48.5	49.5	0	0.3	0.0157	0.0306	0.63202
R11-21	AQA-12126	49.5	50.6	0.015	0.6	0.0756	0.0174	2.3206
R11-21	AQA-12127	50.6	52	0.009	0.2	0.0285	0.0326	1.0048
R11-21	AQA-12128	52	53.35	0	0.05	0.0138	0.0324	0.54597
R11-21	AQA-12129	53.35	54.5	0.006	0.05	0.0133	0.0293	0.43759
R11-21	AQA-12130	54.5	56	0	0.05	0.0176	0.0234	0.55292
R11-21	AQA-12131	56	57	0.009	0.05	0.0108	0.0207	0.41066
R11-21	AQA-12132	57	57.96	0	0.1	0.034	0.016	1.222
R11-21	AQA-12133	57.96	58.56	0.023	0.4	0.0748	0.0398	3.811
R11-21	AQA-12134	58.56	60	0.006	0.05	0.0218	0.0158	0.87683
R11-21	AQA-12135	60	60.7	0.078	0.5	0.096	0.025	2.6317
R11-21	AQA-12136	60.7	62	0.028	0.2	0.0322	0.0168	1.129
R11-21	AQA-12137	62	63.5	0.02	0.05	0.0193	0.0234	0.68041
R11-21	AQA-12138	63.5	65	0.005	0.05	0.0203	0.025	0.78586
R11-21	AQA-12139	65	66.5	0.01	0.05	0.0242	0.0175	1.0619
R11-21	AQA-12140	66.5	68	0.019	0.3	0.066	0.0255	2.0274
R11-21	AQA-12141	68	69.5	0.042	0.6	0.0919	0.0254	3.0636
R11-21	AQA-12142	69.5	71	0.028	0.3	0.0478	0.0214	1.8421
R11-21	AQA-12143	71	71.65	0.013	0.2	0.0304	0.0117	1.344
R11-21	AQA-12146	71.65	72.5	0.075	0.9	0.1216	0.0411	3.9152
R11-21	AQA-12147	72.5	74	0.023	0.3	0.0573	0.0319	1.9939
R11-21	AQA-12148	74	75	0.03	0.5	0.0672	0.0213	1.9101
R11-21	AQA-12149	75	76	0.03	0.3	0.0513	0.0356	1.6468
R11-21	AQA-12150	76	77	0.006	0.05	0.0254	0.0541	0.73421
R11-21	AQA-12151	77	78.5	0.018	0.1	0.0145	0.0392	0.4736
R11-21	AQA-12152	78.5	80	0.261	0.4	0.0139	0.0504	0.45107
R11-21	AQA-12153	80	81.5	0.033	0.2	0.0461	0.0227	1.2836
R11-21	AQA-12154	81.5	83	0.013	0.3	0.0407	0.0342	1.1759
R11-21	AQA-12155	83	84.5	0.005	0.2	0.0285	0.0182	0.86986

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BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-21	AQA-12156	84.5	86	0.025	0.2	0.0283	0.0818	0.7371
R11-21	AQA-12157	86	87.5	0.026	0.3	0.0383	0.0594	1.0995
R11-21	AQA-12158	87.5	89	0.039	0.5	0.0507	0.033	1.9948
R11-21	AQA-12159	89	90.5	0.012	0.3	0.0285	0.0502	1.1079
R11-21	AQA-12160	90.5	92	0.101	0.05	0.0122	0.0421	0.39295
R11-21	AQA-12161	92	92.6	0.022	0.3	0.0492	0.0559	1.7111
R11-21	AQA-12162	92.6	94	0	0.2	0.0122	0.0555	0.46252
R11-21	AQA-12163	94	95.5	0.006	0.05	0.0121	0.0427	0.49118
R11-21	AQA-12164	95.5	97	0	0.05	0.0121	0.0529	0.39854
R11-21	AQA-12167	97	98.5	0.075	0.2	0.0105	0.0352	0.36092
R11-21	AQA-12168	98.5	100	0	0.2	0.035	0.033	0.77371
R11-21	AQA-12169	100	101.5	0.012	0.5	0.0363	0.0293	1.1107
R11-21	AQA-12170	101.5	103	0.021	0.2	0.016	0.0588	0.50331
R11-21	AQA-12171	103	104.5	0	0.05	0.0193	0.0568	0.56148
R11-21	AQA-12172	104.5	105	0	0.3	0.0388	0.0388	1.4959
R11-21	AQA-12173	105	106.5	0	0.3	0.033	0.0539	1.2878
R11-21	AQA-12174	106.5	108	0.013	0.5	0.0554	0.0516	1.7523
R11-21	AQA-12175	108	109	0.011	0.5	0.0462	0.151	1.2613
R11-21	AQA-12176	109	109.56	0.03	1.2	0.106	0.233	2.6458
R11-21	AQA-12177	109.56	111	0	0.6	0.0187	0.12	0.15386
R11-21	AQA-12178	111	112.5	0	0.9	0.038	0.0925	0.36772
R11-21	AQA-12179	112.5	114	0	0.5	0.0183	0.0793	0.19026
R11-21	AQA-12180	114	115.5	0	0.1	0.0097	0.113	0.17555
R11-21	AQA-12181	115.5	117	0	0.8	0.0244	0.0798	0.19565
R11-21	AQA-12182	117	118.5	0	0.3	0.0116	0.171	0.13926
R11-21	AQA-12183	118.5	119.5	0.007	0.8	0.025	0.147	0.12056
R11-21	AQA-12184	119.5	120.4	0	0.1	0.006	0.0881	0.022751
R11-22	AQA-12185	0	1.2	2.54	0.05	0.0006	1.86	0.02
R11-22	AQA-12186	1.2	2.35	0.035	0.05	0.0029	0.86	0
R11-22	AQA-12187	2.35	3.05	0	0.05	0.0032	0.55	0
R11-22	AQA-12188	3.05	4.27	0	0.05	0	0.43	0
R11-22	AQA-12189	4.27	5.79	0	0.05	0	0.44	0
R11-22	AQA-12190	5.79	7.32	0.375	0.05	0.0004	0.3	0
R11-22	AQA-12191	7.32	8.6	0	0.2	0.0028	0.39	0
R11-22	AQA-12192	8.6	9.15	0.014	0.8	0.0253	0.37	1.08
R11-22	AQA-12193	9.15	9.7	0.005	0.3	0.052	0.05	1.66
R11-22	AQA-12194	9.7	10.67	0.007	0.9	0.0773	0.04	2.03
R11-22	AQA-12195	10.67	12	0.014	0.5	0.0569	0.03	2.16
R11-22	AQA-12196	12	13.2	0.021	0.8	0.0783	0.03	3.2
R11-22	AQA-12197	13.2	14.4	0.097	2	0.2714	0.07	4.96
R11-22	AQA-12198	14.4	15.3	0.12	1	0.0876	0.24	4.38
R11-22	AQA-12199	15.3	16	0.084	1.2	0.1735	0.04	3.64
R11-22	AQA-12200	16	16.6	0.075	1.3	0.1212	0.04	6.99
R11-22	AQA-12201	16.6	17.45	0.246	2.1	0.1916	0.11	9.14
R11-22	AQA-12202	17.45	18.3	0.315	2.5	0.2557	0.24	7.59
R11-22	AQA-12203	18.3	19.3	0.138	1	0.0958	0.07	4.29

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-22	AQA-12206	19.3	19.81	0.023	0.2	0.0342	0.04	2.05
R11-22	AQA-12207	19.81	20.5	0.072	0.8	0.097	0.07	4.55
R11-22	AQA-12208	20.5	21.55	0.077	0.6	0.0787	0.06	3.49
R11-22	AQA-12209	21.55	22.05	0.04	0.7	0.0624	0.07	2.02
R11-22	AQA-12210	22.05	22.5	1.701	1.9	0.1977	0.06	9.15
R11-22	AQA-12211	22.5	23.8	6.089	1.9	0.1784	0.04	7.43
R11-22	AQA-12212	23.8	24.8	0.06	1	0.0807	0.16	4.86
R11-22	AQA-12213	24.8	25.3	0.061	1.9	0.2347	0.25	20.38
R11-22	AQA-12214	25.3	25.91	0.053	2.5	0.4095	0.47	9.01
R11-22	AQA-12215	25.91	27	0.122	2.6	0.1993	0.09	6.3
R11-22	AQA-12216	27	28.5	0.077	1.8	0.128	0.06	4.15
R11-22	AQA-12217	28.5	30	0.02	0.5	0.0356	0.05	1.34
R11-22	AQA-12218	30	31.5	0	0.3	0.0321	0.03	1.29
R11-22	AQA-12219	31.5	33	0.01	0.3	0.0342	0.11	1.25
R11-22	AQA-12220	33	34.5	0	0.4	0.0424	0.03	1.88
R11-22	AQA-12221	34.5	35.9	0.016	0.4	0.0502	0.04	1.5
R11-22	AQA-12222	35.9	37	0.056	0.6	0.0891	0.02	4.33
R11-22	AQA-12223	37	37.8	0.067	1.3	0.2135	0.06	2.62
R11-22	AQA-12224	37.8	39.05	0.128	1.8	0.268	0.07	5.15
R11-22	AQA-12227	39.05	40	0.994	1.7	0.1655	0.07	8.4
R11-22	AQA-12228	40	41.16	0.479	0.6	0.0559	0.05	3.37
R11-22	AQA-12229	41.16	42	0.358	0.6	0.109	0.05	3.81
R11-22	AQA-12230	42	43	0.133	0.8	0.1051	0.04	3.71
R11-22	AQA-12231	43	44.4	0.1	1.5	0.1657	0.04	5.08
R11-22	AQA-12232	44.4	45.5	0.044	0.9	0.1094	0.04	3.73
R11-22	AQA-12233	45.5	47	0.078	0.8	0.1023	0.03	3.38
R11-22	AQA-12234	47	48	0.075	0.7	0.075	0.02	3.16
R11-22	AQA-12235	48	48.56	0.409	1.2	0.1507	0.02	5.23
R11-22	AQA-12236	48.56	49.5	0.721	0.7	0.1022	0.06	3.61
R11-22	AQA-12237	49.5	50	1.638	2.6	0.3392	0.06	10.8
R11-22	AQA-12238	50	51	0.08	0.6	0.096	0.03	3.28
R11-22	AQA-12239	51	52	0.047	0.6	0.0759	0.03	2.43
R11-22	AQA-12240	52	53.05	0.025	0.4	0.0613	0.03	2.36
R11-22	AQA-12241	53.05	54.5	0.048	0.8	0.1026	0.03	3.13
R11-22	AQA-12242	54.5	56	0.028	0.6	0.0856	0.02	2.23
R11-22	AQA-12243	56	57.5	0	0.3	0.032	0.03	1.18
R11-22	AQA-12244	57.5	59	0.01	0.4	0.0465	0.05	1.62
R11-22	AQA-12245	59	60	0.009	0.3	0.0265	0.03	0.9
R11-22	AQA-12246	60	61	0	0.05	0.0231	0.03	0.85
R11-22	AQA-12249	61	62	0.015	0.2	0.048	0.04	1.67
R11-22	AQA-12250	62	63	0.02	0.5	0.0719	0.03	2.53
R11-22	AQA-12251	63	64.5	0	0.1	0.0262	0.02	0.83
R11-22	AQA-12252	64.5	66	0.015	0.3	0.0504	0.03	1.66
R11-22	AQA-12253	66	67.5	0.034	0.5	0.0653	0.03	1.61
R11-22	AQA-12254	67.5	69	0.006	0.05	0.0185	0.02	0.71
R11-22	AQA-12255	69	70.5	0.04	0.1	0.0265	0.02	1.13

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BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-22	AQA-12256	70.5	72	0.056	0.05	0.0138	0.02	0.53
R11-22	AQA-12257	72	73.5	0.017	0.05	0.0184	0.02	0.9
R11-22	AQA-12258	73.5	75	0.02	0.2	0.0269	0.02	1.36
R11-22	AQA-12259	75	76.5	0.04	0.4	0.06	0.04	2.16
R11-22	AQA-12260	76.5	77.74	0.071	0.8	0.1058	0.06	3.85
R11-22	AQA-12261	77.74	78.75	0.12	0.7	0.0979	0.05	3.5
R11-22	AQA-12262	78.75	79.75	0.154	0.8	0.1877	0.07	4.81
R11-22	AQA-12263	79.75	80.79	0.108	0.5	0.0997	0.06	2.36
R11-22	AQA-12264	80.79	82.06	5.643	0.8	0.0505	0.03	1.69
R11-22	AQA-12265	82.06	83.5	0.657	0.4	0.0496	0.02	1.33
R11-22	AQA-12266	83.5	85	0.267	0.6	0.0942	0.03	3
R11-22	AQA-12267	85	86.5	0.06	0.5	0.0724	0.02	2.07
R11-22	AQA-12270	86.5	88	0.037	0.4	0.0586	0.03	1.73
R11-22	AQA-12271	88	89	0.031	0.5	0.0623	0.04	1.94
R11-22	AQA-12272	89	90	0.042	0.7	0.1087	0.04	2.53
R11-22	AQA-12273	90	91.5	0.018	0.2	0.0419	0.05	1.13
R11-22	AQA-12274	91.5	93	0.024	0.5	0.0508	0.06	1.54
R11-22	AQA-12275	93	94.5	0.019	0.2	0.0422	0.05	1.19
R11-22	AQA-12276	94.5	96	0.019	0.3	0.0489	0.05	1.2
R11-22	AQA-12277	96	97.5	0.014	0.2	0.0352	0.04	1.05
R11-22	AQA-12278	97.5	99	0.014	0.2	0.0371	0.06	1.15
R11-22	AQA-12279	99	100.5	0.039	0.3	0.0445	0.04	1.25
R11-22	AQA-12280	100.5	102	0.023	0.3	0.0623	0.05	1.51
R11-22	AQA-12281	102	103.5	0.018	0.05	0.025	0.06	0.58
R11-22	AQA-12282	103.5	105	0.014	0.1	0.0352	0.04	1.01
R11-22	AQA-12283	105	106	0.015	0.05	0.0307	0.04	1.04
R11-22	AQA-12284	106	107	0.044	0.3	0.0645	0.04	1.67
R11-22	AQA-12285	107	108.5	0.012	0.05	0.0238	0.03	0.61
R11-22	AQA-12286	108.5	110	0.029	0.3	0.0662	0.03	1.27
R11-22	AQA-12287	110	111.5	0.017	0.4	0.0664	0.03	1.93
R11-22	AQA-12288	111.5	113	0.019	0.3	0.0497	0.04	1.61
R11-22	AQA-12291	113	114.5	0.09	0.5	0.0561	0.13	1.66
R11-22	AQA-12292	114.5	116	0.025	0.5	0.0586	0.07	1.86
R11-22	AQA-12293	116	117.5	0.02	0.3	0.04	0.03	1.07
R11-22	AQA-12294	117.5	119	0.016	0.2	0.032	0.04	0.89
R11-22	AQA-12295	119	120.4	0.016	0.2	0.028	0.04	0.89
R11-22	AQA-12296	120.4	121.5	0.013	0.2	0.0291	0.03	0.93
R11-22	AQA-12297	121.5	123	0.009	0.05	0.0141	0.02	0.6
R11-22	AQA-12298	123	124.5	0.007	0.1	0.0196	0.06	0.78
R11-22	AQA-12299	124.5	126	0.008	0.3	0.0333	0.02	1.01
R11-22	AQA-12300	126	126.8	0.011	0.4	0.0498	0.03	1.46
R11-22	AQA-12301	126.8	128	0.019	0.6	0.0564	0.04	1.04
R11-22	AQA-12302	128	129.54	0.008	0.8	0.049	0.03	1.22
R11-22	AQA-12303	129.54	131	0.015	0.3	0.047	0.03	1.27
R11-22	AQA-12304	131	132	0.044	0.7	0.0863	0.03	1.49
R11-22	AQA-12305	132	132.95	0.012	0.4	0.0417	0.02	1.48

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-22	AQA-12306	132.95	133.5	0.119	0.5	0.0561	0.05	1.61
R11-22	AQA-12307	133.5	135	0.013	0.4	0.0376	0.02	1.14
R11-22	AQA-12308	135	136.7	0.016	0.3	0.0447	0.02	1.22
R11-22	AQA-12309	136.7	137.3	0.034	0.7	0.0527	0.02	1.39
R11-22	AQA-12312	137.3	138.5	0.1	0.4	0.0249	0.04	0.21
R11-22	AQA-12313	138.5	140	0	0.05	0.0003	0.04	0.01
R11-22	AQA-12314	140	141.5	0	0.05	0.0001	0.04	0
R11-22	AQA-12315	141.5	143	0	0.05	0.0002	0.03	0
R11-22	AQA-12316	143	144.5	0	0.2	0.0138	0.05	0.34
R11-22	AQA-12317	144.5	145.5	0.007	0.5	0.0428	0.18	0.7
R11-22	AQA-12318	145.5	146.3	0.009	0.9	0.1161	0.12	1.32
R11-22	AQA-12319	146.3	147.5	0.006	0.1	0.0119	0.05	0.19
R11-22	AQA-12320	147.5	149	0	0.1	0.0124	0.05	0.2
R11-22	AQA-12321	149	149.7	0	0.4	0.0252	0.11	0.33
R11-22	AQA-12322	149.7	150.88	0.028	1.2	0.0831	0.06	0.6
R11-23	AQA-12323	0	1	0.009	0.05	0.0039	1.18	0.02
R11-23	AQA-12324	1	2	0.036	0.05	0.0049	0.56	0
R11-23	AQA-12325	2	3.35	0	0.05	0.005	0.44	0
R11-23	AQA-12326	3.35	4.8	0	0.05	0.0035	0.39	0
R11-23	AQA-12327	4.8	6	0	0.05	0.0041	0.44	0
R11-23	AQA-12328	6	7.5	0	0.2	0.006	0.32	0
R11-23	AQA-12329	7.5	9	0.005	0.05	0.0118	0.42	0
R11-23	AQA-12330	9	10.3	0.006	0.05	0.0162	0.48	0
R11-23	AQA-12331	10.3	11.64	0.032	0.05	0.0071	1.42	0.14
R11-23	AQA-12332	11.64	13.2	0.016	0.05	0.0399	0.17	0.65
R11-23	AQA-12333	13.2	14.4	0.024	0.05	0.03	0.06	0.96
R11-23	AQA-12334	14.4	15.5	0.022	0.05	0.0414	0.06	1.24
R11-23	AQA-12335	15.5	17	0.025	0.05	0.0466	0.07	1.27
R11-23	AQA-12336	17	18.5	0.012	0.05	0.0248	0.07	0.93
R11-23	AQA-12337	18.5	20	0.017	0.05	0.0191	0.05	0.72
R11-23	AQA-12338	20	21.5	0.015	0.05	0.044	0.05	1.11
R11-23	AQA-12339	21.5	23	0.013	0.05	0.0253	0.04	0.85
R11-23	AQA-12340	23	23.9	0.007	0.05	0.016	0.04	0.55
R11-23	AQA-12341	23.9	24.85	0.01	0.05	0.0434	0.05	2.07
R11-23	AQA-12344	24.85	26	0.007	0.05	0.0173	0.05	0.65
R11-23	AQA-12345	26	27.5	0.005	0.05	0.0143	0.04	0.5
R11-23	AQA-12346	27.5	29	0.008	0.1	0.0327	0.07	0.94
R11-23	AQA-12347	29	30.5	0.008	0.05	0.0401	0.05	1.06
R11-23	AQA-12348	30.5	32	0.035	0.05	0.0375	0.06	1.09
R11-23	AQA-12349	32	33.5	0.008	0.05	0.0298	0.05	0.87
R11-23	AQA-12350	33.5	35	0.009	0.05	0.0297	0.03	0.8
R11-23	AQA-12351	35	36.1	0.014	0.05	0.0399	0.03	1.02
R11-23	AQA-12352	36.1	37.5	0.017	0.05	0.0554	0.04	1.3
R11-23	AQA-12353	37.5	39	0.012	0.05	0.0258	0.04	0.65
R11-23	AQA-12354	39	40.5	0.013	0.05	0.0309	0.05	0.88
R11-23	AQA-12355	40.5	42	0.037	0.05	0.0259	0.04	0.82

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-23	AQA-12356	42	43	0.075	0.05	0.0526	0.04	1.46
R11-23	AQA-12357	43	44.5	0.013	0.05	0.0355	0.05	1.36
R11-23	AQA-12358	44.5	46	0.01	0.05	0.0322	0.04	1.17
R11-23	AQA-12359	46	47.5	0.006	0.05	0.0333	0.03	0.85
R11-23	AQA-12360	47.5	48.85	0	0.05	0.0212	0.03	0.59
R11-23	AQA-12361	48.85	50	0	0.05	0.0224	0.06	0.93
R11-23	AQA-12362	50	51	0	0.05	0.0329	0.04	0.93
R11-23	AQA-12365	51	52	0	0.05	0.0232	0.03	0.75
R11-23	AQA-12366	52	53	0.008	0.05	0.0441	0.03	2.44
R11-23	AQA-12367	53	54.5	0	0.05	0.0223	0.05	0.61
R11-23	AQA-12368	54.5	56	0	0.05	0.033	0.04	0.85
R11-23	AQA-12369	56	57	0.036	0.05	0.0672	0.03	2.53
R11-23	AQA-12370	57	58.5	0.037	0.05	0.0144	0.03	0.52
R11-23	AQA-12371	58.5	60	0.065	0.05	0.036	0.05	0.88
R11-23	AQA-12372	60	61.5	0.027	0.05	0.0713	0.03	2.14
R11-23	AQA-12373	61.5	63	0.011	0.05	0.0506	0.04	1.65
R11-23	AQA-12374	63	64.5	0.016	0.05	0.0542	0.05	1.11
R11-23	AQA-12375	64.5	66	0.011	0.05	0.0536	0.06	1.26
R11-23	AQA-12376	66	67.5	0.009	0.05	0.0394	0.05	1.02
R11-23	AQA-12377	67.5	69	0.119	0.05	0.0468	0.03	1.37
R11-23	AQA-12378	69	70.5	0.008	0.05	0.0322	0.03	1.05
R11-23	AQA-12379	70.5	72	0.017	0.05	0.0377	0.04	1.12
R11-23	AQA-12380	72	73.5	0.018	0.05	0.0351	0.03	1.12
R11-23	AQA-12381	73.5	75	0.005	0.05	0.0259	0.02	0.93
R11-23	AQA-12382	75	76	0.028	0.05	0.0453	0.02	1.22
R11-23	AQA-12383	76	77.5	0.016	0.05	0.0613	0.02	1.44
R11-23	AQA-12384	77.5	78.5	0.02	0.05	0.0653	0.02	1.74
R11-23	AQA-12387	78.5	80	0.018	0.05	0.0433	0.02	1.22
R11-23	AQA-12388	80	81.5	0.033	0.05	0.0473	0.05	1.51
R11-23	AQA-12389	81.5	83	0.08	0.05	0.0597	0.08	2.04
R11-23	AQA-12390	83	84	0.211	0.05	0.0584	0.12	1.4
R11-23	AQA-12391	84	85.5	0.077	0.05	0.0756	0.08	1.71
R11-23	AQA-12392	85.5	86.5	5.635	0.4	0.0879	0.06	1.2
R11-23	AQA-12393	86.5	87.9	28.283	0.6	0.1401	0.1	2.49
R11-23	AQA-12394	87.9	89	0.414	0.05	0.0329	0.03	0.21
R11-23	AQA-12395	89	90.5	0.102	0.5	0.0434	0.06	0.28
R11-23	AQA-12396	90.5	92	0.068	0.3	0.0226	0.04	0.27
R11-23	AQA-12397	92	93.5	0.033	0.05	0.0087	0.04	0.15
R11-23	AQA-12398	93.5	95	0.025	0.05	0.0073	0.03	0.13
R11-23	AQA-12399	95	96.5	0.213	0.3	0.0308	0.04	0.22
R11-23	AQA-12400	96.5	97.54	0.233	1.2	0.0943	0.04	0.94
R11-23	AQA-12401	97.54	99	0.011	0.05	0.0094	0.04	0.16
R11-23	AQA-12402	99	100.5	0.007	0.05	0.0085	0.05	0.14
R11-23	AQA-12403	100.5	102	0.008	0.05	0.0169	0.11	0.15
R11-23	AQA-12404	102	103.5	0.011	0.05	0.0075	0.05	0.1
R11-23	AQA-12405	103.5	105	0.057	0.1	0.0229	0.07	0.15

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-23	AQA-12408	105	106.5	0.037	0.05	0.0046	0.12	0.04
R11-23	AQA-12409	106.5	107.3	0	0.05	0.0017	0.07	0.03
R11-23	AQA-12410	107.3	108.23	0.015	1.6	0.1266	0.12	0.28
R11-24	AQA-12411	0	0.8	0	0.05	0.0081	1.31	0
R11-24	AQA-12412	0.8	2	0	0.2	0.0092	0.29	0
R11-24	AQA-12413	2	3	0	0.6	0.0114	0.28	0
R11-24	AQA-12414	3	4.57	0	2.3	0.011	0.25	0
R11-24	AQA-12415	4.57	6	0	0.3	0.0066	0.22	0
R11-24	AQA-12416	6	7.62	0.01	0.1	0.0067	0.29	0
R11-24	AQA-12417	7.62	9	0	0.3	0.0061	0.48	0
R11-24	AQA-12418	9	10.52	0.256	0.05	0.0023	0	0.01
R11-24	AQA-12419	10.52	11.5	0.125	0.5	0.0088	0	0
R11-24	AQA-12420	11.5	12.5	0.029	0.2	0.0066	0	0
R11-24	AQA-12421	12.5	13.8	0.015	0.05	0.0045	0	0.01
R11-24	AQA-12422	13.8	15	0.012	0.4	0.0148	0.31	0.63
R11-24	AQA-12423	15	16.5	0.008	0.4	0.0297	0.1	0.3
R11-24	AQA-12424	16.5	18	0.01	0.5	0.0564	0.03	0.65
R11-24	AQA-12425	18	19.5	0.014	0.4	0.0429	0.02	1.61
R11-24	AQA-12426	19.5	20.5	0.045	0.5	0.0503	0.04	1.71
R11-24	AQA-12427	20.5	21.5	0.009	0.2	0.0162	0.02	0.39
R11-24	AQA-12428	21.5	22.5	0.024	0.4	0.0576	0.04	2.29
R11-24	AQA-12429	22.5	23.5	0.013	0.3	0.0389	0.06	0.92
R11-24	AQA-12432	23.5	24.37	0.012	0.4	0.0412	0.04	0.82
R11-24	AQA-12433	24.37	25.5	0.01	0.2	0.0286	0.05	0.77
R11-24	AQA-12434	25.5	27	0.018	0.3	0.0302	0.06	0.96
R11-24	AQA-12435	27	28.5	0.017	0.3	0.047	0.04	1.24
R11-24	AQA-12436	28.5	30	0.027	0.5	0.0591	0.07	1.12
R11-24	AQA-12437	30	31.5	0.01	0.3	0.0295	0.05	0.69
R11-24	AQA-12438	31.5	33	0.023	0.8	0.1064	0.04	2.56
R11-24	AQA-12439	33	34.5	0.007	0.3	0.023	0.06	0.45
R11-24	AQA-12440	34.5	36	0	0.1	0.0172	0.04	0.48
R11-24	AQA-12441	36	37.5	0	0.1	0.0116	0.05	0.29
R11-24	AQA-12442	37.5	39	0	0.05	0.0187	0.06	0.58
R11-24	AQA-12443	39	40.5	0	0.2	0.0171	0.04	0.49
R11-24	AQA-12444	40.5	42	0.028	0.2	0.0278	0.07	0.4
R11-24	AQA-12445	42	43	0.007	0.05	0.0166	0.07	0.46
R11-24	AQA-12446	43	43.9	0.013	0.05	0.0156	0.06	0.45
R11-24	AQA-12447	43.9	45	0.042	0.05	0.0151	0.13	0.5
R11-24	AQA-12448	45	46.5	0.012	0.1	0.0171	0.1	0.61
R11-24	AQA-12449	46.5	48	0.014	0.2	0.0215	0.05	0.83
R11-24	AQA-12450	48	49.5	0.033	0.3	0.032	0.07	0.85
R11-24	AQA-12453	49.5	51	0.251	0.1	0.0224	0.04	0.66
R11-24	AQA-12454	51	52.5	0.017	0.3	0.0224	0.06	0.67
R11-24	AQA-12455	52.5	54	0.008	0.2	0.0178	0.04	0.63
R11-24	AQA-12456	54	55.5	0	0.2	0.0216	0.03	0.74
R11-24	AQA-12457	55.5	56	0.014	0.05	0.0111	0.04	0.43

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R11-24	AQA-12458	56	57.5	0.011	0.2	0.0162	0.06	0.49
R11-24	AQA-12459	57.5	59	0.012	0.1	0.0174	0.06	0.45
R11-24	AQA-12460	59	60.5	1.193	0.7	0.0528	0.15	1.89
R11-24	AQA-12461	60.5	62	0.012	0.3	0.0229	0.07	0.85
R11-24	AQA-12462	62	63.5	0.037	0.3	0.0203	0.04	1.16
R11-24	AQA-12463	63.5	65	0.011	0.05	0.021	0.04	0.8
R11-24	AQA-12464	65	66.5	0.097	0.3	0.0333	0.04	1.24
R11-24	AQA-12465	66.5	68	0.037	0.7	0.0736	0.02	2.31
R11-24	AQA-12466	68	69.5	0.041	0.9	0.1089	0.03	2.76
R11-24	AQA-12467	69.5	71	0.649	12	0.5285	0.04	4.16
R11-24	AQA-12468	71	72	1.758	31.2	1.24	0.08	4.04
R11-24	AQA-12469	72	73	2.527	36	1.25	0.07	3.73
R11-24	AQA-12470	73	74	2.558	34.6	0.931	0.1	2.93
R11-24	AQA-12471	74	74.62	0.609	0.6	0.0403	0.15	0.64
R11-24	AQA-12472	74.62	75.5	0.935	0.3	0.0146	0.16	0.22
R11-24	AQA-12475	75.5	76.77	9.813	1.6	0.0908	0.12	0.78
R11-24	AQA-12476	76.77	78	0.036	0.5	0.0283	0.09	0.19
R11-24	AQA-12477	78	79.5	0.046	1.3	0.0479	0.08	0.29
R11-24	AQA-12478	79.5	81	0.021	0.8	0.0374	0.08	0.26
R11-24	AQA-12479	81	82.5	0.006	0.3	0.0218	0.11	0.28
R11-24	AQA-12480	82.5	84	0	0.2	0.0082	0.08	0.06
R11-24	AQA-12481	84	85.5	0.008	0.2	0.0092	0.12	0.12
R11-24	AQA-12482	85.5	87	0	0.2	0.0198	0.09	0.22
R11-24	AQA-12483	87	88.5	0	0.05	0.0023	0.06	0.02
R11-24	AQA-12484	88.5	90	0	0.3	0.0202	0.06	0.23
R11-24	AQA-12485	90	91.5	0	0.05	0.0067	0.1	0.05
R11-24	AQA-12486	91.5	93	0	0.2	0.0111	0.12	0.11
R11-24	AQA-12487	93	94.5	0	0.3	0.0071	0.08	0.06
R11-24	AQA-12488	94.5	96.04	0.048	0.6	0.0307	0.1	0.2
R12-25	AQA-12489	0	1	0.404	0.3	0.0155	0.145	0.013546
R12-25	AQA-12490	1	2.5	0.129	1.3	0.0336	0.0551	0.0052481
R12-25	AQA-12491	2.5	4	0.019	0.05	0.0544	0.0273	0.0027847
R12-25	AQA-12492	4	5.94	0.011	0.2	0.0325	0.014	0.0013132
R12-25	AQA-12493	5.94	7	0.009	0.3	0.0275	0.00996	0.26196
R12-25	AQA-12494	7	8.54	0.008	0.4	0.0313	0.0114	0.45843
R12-25	AQA-12495	8.54	10.06	0.017	0.4	0.0456	0.032	0.79596
R12-25	AQA-12496	10.06	11.5	0.009	0.2	0.0132	0.0498	0.32916
R12-25	AQA-12497	11.5	13	0	0.2	0.0172	0.0496	0.46641
R12-25	AQA-12498	13	14.5	0.013	0.4	0.0351	0.347	0.91874
R12-25	AQA-12499	14.5	16	0.012	0.3	0.0165	0.0446	0.48161
R12-25	AQA-12500	16	17.5	0.033	0.3	0.0285	0.0523	0.59674
R12-25	AQA-12501	17.5	19	0.012	0.2	0.0192	0.0367	0.43944
R12-25	AQA-12502	19	20.68	0.029	0.3	0.0233	0.0566	0.57602
R12-25	AQA-12503	20.68	21.3	0.072	0.5	0.0366	0.432	0.61711
R12-25	AQA-12504	21.3	22.3	0.468	4.9	0.2617	0.243	7.2241
R12-25	AQA-12505	22.3	24	0.144	1.8	0.1866	0.0849	2.6503

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-25	AQA-12506	24	25	2.197	1.5	0.0945	0.0272	1.8659
R12-25	AQA-12507	25	26	0.928	2.7	0.2744	0.0531	3.0381
R12-25	AQA-12510	26	27.4	0.201	1.2	0.0858	0.457	1.4236
R12-25	AQA-12511	27.4	28.5	0.534	2.3	0.1626	0.0121	1.9751
R12-25	AQA-12512	28.5	29.5	0.508	1.5	0.107	0.0366	1.3175
R12-25	AQA-12513	29.5	31	0.072	0.4	0.0376	0.0107	0.90303
R12-25	AQA-12514	31	32.4	0.141	0.5	0.0696	0.0505	1.4805
R12-25	AQA-12515	32.4	33.7	7.125	1.5	0.0796	0.274	0.88101
R12-25	AQA-12516	33.7	35	2.247	2.7	0.1646	0.0337	3.973
R12-25	AQA-12517	35	36.47	0.326	2	0.2176	0.0206	2.9033
R12-25	AQA-12518	36.47	38	0.078	0.6	0.0544	0.0601	1.3474
R12-25	AQA-12519	38	39.5	0.06	0.4	0.0397	0.00213	0.87603
R12-25	AQA-12520	39.5	41	0.026	0.4	0.0274	0.000963	0.83924
R12-25	AQA-12521	41	42.5	0.013	0.6	0.0282	0.0067	0.95621
R12-25	AQA-12522	42.5	44	0.017	0.3	0.009	0.0036	0.4541
R12-25	AQA-12523	44	45.5	0.034	0.05	0.0096	0.00365	0.51907
R12-25	AQA-12524	45.5	47	0.037	0.4	0.0271	0.00289	1.3312
R12-25	AQA-12525	47	48.5	0.05	0.4	0.0226	0.00136	1.1373
R12-25	AQA-12526	48.5	49.5	0.023	0.4	0.0221	0.00755	1.0872
R12-25	AQA-12527	49.5	51	0.019	0.5	0.0214	-0.00216	1.1215
R12-25	AQA-12528	51	52.5	0.024	0.3	0.0153	0.00132	0.67477
R12-25	AQA-12531	52.5	54	0.015	0.3	0.0159	0.0164	0.76358
R12-25	AQA-12532	54	55.33	0.037	0.6	0.0332	0.0281	1.5127
R12-25	AQA-12533	55.33	56.5	0.005	0.5	0.0222	0.0156	0.7068
R12-25	AQA-12534	56.5	57.5	0.029	0.6	0.066	0.0124	1.4342
R12-25	AQA-12535	57.5	59	0.009	0.5	0.0264	0.0108	0.84758
R12-25	AQA-12536	59	60.5	0.018	1.1	0.0619	0.0102	1.938
R12-25	AQA-12537	60.5	62	0.017	1	0.0572	0.00737	1.6042
R12-25	AQA-12538	62	63.4	0.016	0.4	0.0349	0.0465	0.74833
R12-25	AQA-12539	63.4	64.9	0.008	0.3	0.0266	0.0227	0.50574
R12-25	AQA-12540	64.9	66	0.01	0.4	0.0344	0.00657	0.93423
R12-25	AQA-12541	66	67	0.05	1.3	0.0969	0.00801	0.037508
R12-25	AQA-12542	67	68	0.005	0.05	0.002	0.0323	1.433
R12-25	AQA-12543	68	69.5	0	0.2	0.0136	0.0327	0.049572
R12-25	AQA-12544	69.5	71	0	0.05	0.0038	0.032	0.030891
R12-25	AQA-12545	71	72.5	0.008	0.2	0.0189	0.0277	0.1835
R12-25	AQA-12546	72.5	74	0.007	0.05	0.0073	0.0209	0.072465
R12-25	AQA-12547	74	75.5	0	0.2	0.0065	0.0752	0.05806
R12-26	AQA-12548	0	1.5	0.082	0.3	0.0041	0.305	0.0064092
R12-26	AQA-12549	1.5	3.2	0	0.1	0.0088	0.419	-0.0015232
R12-26	AQA-12550	3.2	4.11	0	0.1	0.009	0.307	-0.001007
R12-26	AQA-12551	4.11	5.03	0	0.2	0.0099	0.338	-0.0014839
R12-26	AQA-12552	5.03	6.55	0.031	0.05	0.0132	0.0301	-0.0019251
R12-26	AQA-12553	6.55	8.38	0.016	0.2	0.0438	0.0111	0.063156
R12-26	AQA-12554	8.38	9.9	0.008	0.9	0.028	0.0113	0.39412
R12-26	AQA-12555	9.9	11.58	0.012	0.6	0.0199	0.00442	0.48868

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-26	AQA-12556	11.58	12.95	0	0.5	0.0223	0.0183	0.6405
R12-26	AQA-12557	12.95	14	0	0.4	0.0203	0.0046	0.63699
R12-26	AQA-12558	14	15.5	0.013	0.5	0.0316	0.00536	0.97195
R12-26	AQA-12559	15.5	16.6	0.008	0.7	0.0505	0.00673	1.1465
R12-26	AQA-12560	16.6	18	0.018	0.7	0.0481	0.0213	1.262
R12-26	AQA-12561	18	19	0.023	0.5	0.0357	0.0182	1.032
R12-26	AQA-12562	19	20	0	0.3	0.0113	0.439	0.35872
R12-26	AQA-12563	20	21.5	0.018	0.7	0.0314	0.0128	1.0337
R12-26	AQA-12564	21.5	23	0.025	0.5	0.05	0.0487	0.99395
R12-26	AQA-12565	23	24	0.03	0.8	0.0506	0.107	1.5973
R12-26	AQA-12566	24	25.7	0.025	0.8	0.0626	0.0378	1.323
R12-26	AQA-12569	25.7	27	0.022	0.3	0.0251	0.04	0.40265
R12-26	AQA-12570	27	28	0.021	0.4	0.0144	0.0265	0.44616
R12-26	AQA-12571	28	29.4	0.018	0.5	0.0342	0.0259	0.70894
R12-26	AQA-12572	29.4	31	0.01	0.4	0.0272	0.622	0.58961
R12-26	AQA-12573	31	32.5	0.051	0.8	0.0446	0.473	1.1667
R12-26	AQA-12574	32.5	33.5	0.031	1.1	0.0739	0.0311	1.4256
R12-26	AQA-12575	33.5	34.5	0.047	1.5	0.0862	0.0333	2.3326
R12-26	AQA-12576	34.5	36	0.011	0.4	0.0186	0.0444	0.44025
R12-26	AQA-12577	36	37	0.023	1.1	0.0753	0.0149	1.5518
R12-26	AQA-12578	37	38.5	0.01	0.5	0.0215	0.0116	0.50875
R12-26	AQA-12579	38.5	39.9	0.041	0.6	0.0324	0.0556	0.80157
R12-26	AQA-12580	39.9	41.7	0.065	0.3	0.0105	0.0108	0.30747
R12-26	AQA-12581	41.7	43	0.016	0.4	0.0185	0.00623	0.58227
R12-26	AQA-12582	43	44.5	1.117	0.5	0.0282	0.0169	0.74606
R12-26	AQA-12583	44.5	46	0.287	0.6	0.0312	0.0121	0.69955
R12-26	AQA-12584	46	47	0.03	0.6	0.0383	0.0217	0.87668
R12-26	AQA-12585	47	48	0.147	1.5	0.0931	0.0195	2.4651
R12-26	AQA-12586	48	49.5	0.059	1.6	0.0798	0.0186	2.0156
R12-26	AQA-12587	49.5	50.75	0.053	1.3	0.0987	0.0106	1.9277
R12-26	AQA-12590	50.75	52.3	2.891	5.7	0.2463	0.0741	4.2504
R12-26	AQA-12591	52.3	53.35	0.025	0.4	0.0137	0.0116	0.26096
R12-26	AQA-12592	53.35	54.5	0.229	2.3	0.1172	0.00685	1.8968
R12-26	AQA-12593	54.5	56	0.229	0.9	0.0617	0.00235	1.5602
R12-26	AQA-12594	56	57.5	0.316	0.7	0.0377	0.00406	1.2729
R12-26	AQA-12595	57.5	58.5	19.254	4.6	0.1448	0.00426	3.9383
R12-26	AQA-12596	58.5	59.4	0.323	1.6	0.0986	0.0385	2.0555
R12-26	AQA-12597	59.4	61	0.033	0.3	0.0145	0.00991	0.28834
R12-26	AQA-12598	61	62.5	0.012	0.3	0.015	0.0108	0.28636
R12-26	AQA-12599	62.5	64	0	0.05	0.0042	0.0421	0.12131
R12-26	AQA-12600	64	65.5	0.015	0.4	0.0151	0.149	0.20486
R12-26	AQA-12601	65.5	67	0.04	0.05	0.0104	0.0186	0.16906
R12-26	AQA-12602	67	68.5	0	0.1	0.0066	0.0104	0.089123
R12-26	AQA-12603	68.5	69.5	0	0.2	0.0105	0.117	0.25766
R12-26	AQA-12604	69.5	71	0	0.3	0.0158	0.0105	0.236
R12-26	AQA-12605	71	72.5	0.011	0.1	0.0043	0.0157	0.05278

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-26	AQA-12606	72.5	74	0.024	0.1	0.0087	0.00952	0.15977
R12-26	AQA-12607	74	75.5	0.134	0.6	0.0302	0.0177	0.38784
R12-26	AQA-12608	75.5	77	0.049	0.4	0.0221	0.0291	0.27299
R12-27	AQA-12609	0	1.3	0.029	0.05	0.0096	0.233	0.013026
R12-27	AQA-12610	1.3	2.3	0.011	0.05	0.0171	0.0856	0.0050163
R12-27	AQA-12611	2.3	3.65	0.008	0.05	0.0334	0.0363	0.0018058
R12-27	AQA-12612	3.65	4.57	0.008	0.5	0.1184	0.00975	0.005456
R12-27	AQA-12613	4.57	5.79	0.012	0.6	0.0612	0.0142	0.027379
R12-27	AQA-12614	5.79	7.32	0.03	0.2	0.0203	0.0192	0.0025234
R12-27	AQA-12615	7.32	8.71	0.01	0.3	0.0395	0.0179	0.0095044
R12-27	AQA-12616	8.71	10	0.034	0.7	0.0725	0.0125	0.72341
R12-27	AQA-12617	10	11.5	0.007	0.6	0.0383	0.00637	1.0949
R12-27	AQA-12618	11.5	13	0.009	0.4	0.0271	0.00676	0.68565
R12-27	AQA-12619	13	14.5	0.007	0.5	0.0361	0.0334	0.94214
R12-27	AQA-12620	14.5	16	0.012	0.3	0.0252	0.0489	0.55647
R12-27	AQA-12621	16	17	0.011	0.4	0.0294	0.0337	0.69861
R12-27	AQA-12622	17	18.5	0.024	0.3	0.0271	0.0331	0.67364
R12-27	AQA-12623	18.5	20	0.048	0.9	0.0677	0.00673	1.6314
R12-27	AQA-12624	20	21.23	0.037	0.8	0.0701	0.0124	2.1894
R12-27	AQA-12625	21.23	22.5	0.197	1.3	0.0983	0.014	2.9758
R12-27	AQA-12626	22.5	23.78	0.129	1.3	0.1301	0.0213	3.9104
R12-27	AQA-12627	23.78	25.2	0.008	0.5	0.0234	1.25	0.59978
R12-27	AQA-12630	25.2	26.5	0.008	0.9	0.0831	0.26	1.7993
R12-27	AQA-12631	26.5	28	0.006	0.6	0.0494	0.0395	1.2566
R12-27	AQA-12632	28	29.5	0.006	0.6	0.0405	0.0185	1.004
R12-27	AQA-12633	29.5	31	0.007	0.7	0.0484	0.0413	0.87883
R12-27	AQA-12634	31	32.5	0.017	0.5	0.0284	0.0265	0.87762
R12-27	AQA-12635	32.5	34	0.006	0.6	0.0362	0.0353	0.85367
R12-27	AQA-12636	34	35.5	0	0.5	0.0318	0.0479	0.86775
R12-27	AQA-12637	35.5	37	0	0.4	0.0323	0.0492	0.94943
R12-27	AQA-12638	37	38.11	0.018	0.8	0.0627	0.0494	1.313
R12-27	AQA-12639	38.11	39.5	0.02	0.6	0.0591	0.0362	1.596
R12-27	AQA-12640	39.5	41	0.02	0.8	0.0495	0.058	1.1066
R12-27	AQA-12641	41	42.5	0.028	0.7	0.0563	0.0462	1.0712
R12-27	AQA-12642	42.5	43.45	0.013	0.2	0.0254	0.247	0.66247
R12-27	AQA-12643	43.45	45	0.012	0.3	0.0263	0.017	0.6249
R12-27	AQA-12644	45	46.5	0.018	0.4	0.0255	0.0407	0.42046
R12-27	AQA-12645	46.5	48	0.04	0.2	0.0213	0.0257	0.43799
R12-27	AQA-12646	48	49.5	0.033	0.2	0.0256	0.0794	0.75347
R12-27	AQA-12647	49.5	51	0.018	0.3	0.022	0.057	0.57644
R12-27	AQA-12648	51	52.5	0.02	0.3	0.025	0.0206	0.71765
R12-27	AQA-12651	52.5	54	0.015	0.5	0.0306	0.0189	0.61969
R12-27	AQA-12652	54	55.5	0.055	0.8	0.0437	0.0426	1.1353
R12-27	AQA-12653	55.5	56.5	0.013	0.7	0.0477	0.0236	0.84993
R12-27	AQA-12654	56.5	58	0.042	1.6	0.105	0.0221	1.7314
R12-27	AQA-12655	58	59.5	0.018	1	0.0504	0.0178	1.0524

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-27	AQA-12656	59.5	61.2	0.041	1.4	0.0696	0.0209	1.3806
R12-27	AQA-12657	61.2	62.6	0.371	3.4	0.1477	0.0567	1.9931
R12-27	AQA-12658	62.6	63.6	0.905	7.5	0.2505	0.052	3.0993
R12-27	AQA-12659	63.6	64.8	0.462	4.3	0.3482	0.00149	3.3188
R12-27	AQA-12660	64.8	66	0.527	6.2	0.3816	0.00511	6.4559
R12-27	AQA-12661	66	66.93	1.08	5.1	0.3318	0.00697	4.5214
R12-27	AQA-12662	66.93	68.05	0.458	3	0.1467	0.0102	2.5642
R12-27	AQA-12663	68.05	70	0.093	1.6	0.0847	0.0131	1.1666
R12-27	AQA-12664	70	71.65	0.049	1.1	0.061	0.0248	0.98707
R12-27	AQA-12665	71.65	73	0.062	0.8	0.0496	0.0293	1.2315
R12-27	AQA-12666	73	74.1	0.19	3.4	0.2043	0.069	4.8288
R12-27	AQA-12667	74.1	75.5	0.12	2.8	0.2185	0.0229	4.5785
R12-27	AQA-12668	75.5	77	0.056	1.7	0.1496	0.00947	3.3326
R12-27	AQA-12669	77	78.5	0.058	2.5	0.1693	0.0114	4.1041
R12-27	AQA-12672	78.5	79.5	0.064	2.6	0.1848	0.0112	4.5268
R12-27	AQA-12673	79.5	80.53	0.047	2.7	0.167	0.0848	3.0102
R12-27	AQA-12674	80.53	82	0.016	0.4	0.0226	0.0121	0.51561
R12-27	AQA-12675	82	83.5	0.008	0.3	0.0114	0.0595	0.098696
R12-27	AQA-12676	83.5	85	0.01	0.3	0.0113	0.0182	0.077393
R12-27	AQA-12677	85	86.5	0	0.2	0.0104	0.0462	0.091555
R12-27	AQA-12678	86.5	88	0	0.1	0.0141	0.0281	0.13362
R12-27	AQA-12679	88	89.5	0.015	0.05	0.0048	0.0247	0.05963
R12-27	AQA-12680	89.5	91	0	0.1	0.0103	0.0295	0.094199
R12-28	AQA-12681	0	1.07	0.081	0.05	0.0076	0.424	0.0073508
R12-28	AQA-12682	1.07	2.29	0.119	0.05	0.0158	0.171	0.001468
R12-28	AQA-12683	2.29	3.35	0.051	0.05	0.0706	0.0661	-0.0022652
R12-28	AQA-12684	3.35	5.8	0	2.4	0.0531	0.108	0.017945
R12-28	AQA-12685	5.8	7.32	0.006	0.4	0.0262	0.0602	0.44216
R12-28	AQA-12686	7.32	8.53	0.006	0.3	0.0295	0.0938	0.63484
R12-28	AQA-12687	8.53	10	0.011	0.3	0.031	0.078	0.7503
R12-28	AQA-12688	10	11.5	0.019	0.8	0.0626	0.0417	1.1251
R12-28	AQA-12689	11.5	13	0.013	0.5	0.0468	0.111	0.90117
R12-28	AQA-12690	13	14.63	0.02	1	0.0566	0.0856	1.0576
R12-28	AQA-12691	14.63	16	0.013	0.6	0.0385	0.0928	1.0531
R12-28	AQA-12692	16	17.68	0.032	1.1	0.0837	0.0431	1.1533
R12-28	AQA-12693	17.68	19	0.024	0.8	0.0663	0.0625	1.3542
R12-28	AQA-12694	19	20	0.01	0.2	0.0376	0.0383	0.96168
R12-28	AQA-12695	20	21	0.022	0.05	0.0292	0.545	0.47621
R12-28	AQA-12696	21	22.2	0.018	0.2	0.0373	0.0274	0.83075
R12-28	AQA-12697	22.2	23.78	0.022	1.4	0.0791	0.0393	1.7142
R12-28	AQA-12698	23.78	24.8	0.009	0.2	0.0177	0.204	0.50514
R12-28	AQA-12699	24.8	26	0.071	0.5	0.0567	0.164	1.0627
R12-28	AQA-12702	26	27	0.026	0.3	0.0382	0.0714	1.0709
R12-28	AQA-12703	27	28	0.086	0.9	0.0975	0.0838	1.9876
R12-28	AQA-12704	28	29.3	0.064	0.6	0.0426	0.111	0.72796
R12-28	AQA-12705	29.3	30.25	0.06	0.9	0.0687	0.0214	1.9741

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R12-28	AQA-12706	30.25	31.4	0.097	0.4	0.0334	0.00399	1.1492
R12-28	AQA-12707	31.4	33	0.037	0.5	0.0441	0.0773	1.0526
R12-28	AQA-12708	33	34.5	0.038	0.6	0.0499	0.0564	1.0264
R12-28	AQA-12709	34.5	35.5	0.071	1	0.0663	0.0151	1.5062
R12-28	AQA-12710	35.5	36.5	0.035	0.5	0.0419	0.0159	0.77662
R12-28	AQA-12711	36.5	38.1	0.056	2.1	0.0608	0.474	1.5756
R12-28	AQA-12712	38.1	39.1	0.734	2.7	0.1359	0.00944	1.4797
R12-28	AQA-12713	39.1	40.4	1.617	8.5	0.3435	0.0891	5.4449
R12-28	AQA-12714	40.4	41.4	0.145	1.7	0.0787	0.0268	1.3099
R12-28	AQA-12715	41.4	42.3	0.093	1.9	0.0803	0.514	1.9131
R12-28	AQA-12716	42.3	43.5	0.162	2.5	0.134	0.0102	2.5385
R12-28	AQA-12717	43.5	44.4	0.093	1.5	0.0755	0.0231	1.5518
R12-28	AQA-12718	44.4	45.3	1.051	1.7	0.0769	0.303	1.9965
R12-28	AQA-12719	45.3	46.5	0.057	0.8	0.0341	0.00599	0.85655
R12-28	AQA-12720	46.5	48	0.094	0.5	0.0144	0.0221	0.63627
R12-28	AQA-12723	48	49	0.032	0.5	0.0107	0.0353	0.6188
R12-28	AQA-12724	49	49.83	0.039	0.8	0.0319	0.0408	1.6653
R12-28	AQA-12725	49.83	51.3	0.023	0.6	0.014	0.019	0.82157
R12-28	AQA-12726	51.3	52.5	0.046	0.3	0.0203	0.0102	0.83028
R12-28	AQA-12727	52.5	54	0.059	0.8	0.0389	0.0103	1.4571
R12-28	AQA-12728	54	55.5	0.048	1	0.0582	0.00449	2.0797
R12-28	AQA-12729	55.5	57	0.062	1.3	0.1118	0.00917	2.8818
R12-28	AQA-12730	57	58.5	0.034	1.3	0.0776	0.00692	2.8813
R12-28	AQA-12731	58.5	60	0.036	0.7	0.0494	0.00719	2.1155
R12-28	AQA-12732	60	61.5	0.029	0.8	0.0451	0.00734	1.8566
R12-28	AQA-12733	61.5	63	0.037	0.7	0.05	0.00575	1.995
R12-28	AQA-12734	63	64	0.026	0.8	0.0505	0.0137	2.0366
R12-28	AQA-12735	64	65	0.034	0.4	0.0253	0.00861	0.9812
R12-28	AQA-12736	65	66	0.021	0.3	0.0038	0.00471	0.31136
R12-28	AQA-12737	66	67.2	0.017	0.2	0.0062	0.00904	0.39836
R12-28	AQA-12738	67.2	68.82	0.042	0.7	0.0308	0.00837	1.0464
R12-28	AQA-12739	68.82	70.45	0.039	0.2	0.005	0.00318	0.38635
R12-28	AQA-12740	70.45	72	0.061	1	0.0781	0.00476	2.3887
R12-28	AQA-12741	72	73.5	0.051	1.3	0.076	0.0147	2.4168
R12-28	AQA-12744	73.5	74.9	0.036	1.1	0.0536	0.0114	1.7717
R12-28	AQA-12745	74.9	76	0.039	0.7	0.0277	0.0433	0.42781
R12-28	AQA-12746	76	77	0.032	0.8	0.0272	0.052	0.4163
R12-28	AQA-12747	77	78	0.04	0.9	0.0366	0.0769	0.70097
R12-28	AQA-12748	78	79.5	0.049	1.5	0.0652	0.0814	0.57044
R12-28	AQA-12749	79.5	80.5	0.022	0.2	0.0053	0.0522	0.039276
R12-28	AQA-12750	80.5	82	0.034	0.2	0.0037	0.0506	0.025385
R12-28	AQA-12751	82	83.5	0.024	0.1	0.0017	0.0602	0.0080649
R12-28	AQA-12752	83.5	84.6	0.029	0.2	0.0099	0.0307	0.36001
R12-28	AQA-12753	84.6	85.67	0.038	0.9	0.0527	0.166	1.0551
R12-28	AQA-12754	85.67	87	0.015	0.4	0.0356	0.0402	1.052
R12-28	AQA-12755	87	88.5	0.018	0.2	0.02	0.0145	0.95499

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-28	AQA-12756	88.5	90	0.014	0.2	0.0175	0.0172	0.63156
R12-28	AQA-12757	90	91.5	0.024	0.4	0.0354	0.0563	0.82736
R12-28	AQA-12758	91.5	92.7	0.014	0.4	0.0056	0.044	0.11731
R12-28	AQA-12759	92.7	94.48	0.034	0.7	0.0544	0.025	1.8043
R12-28	AQA-12760	94.48	96	0.025	0.2	0.0159	0.0516	0.16857
R12-28	AQA-12761	96	97.5	0.014	0.4	0.0115	0.0816	0.049621
R12-28	AQA-12762	97.5	99	0.011	0.5	0.0105	0.0588	0.042294
R12-28	AQA-12765	99	100.5	0.006	0.5	0.0072	0.157	0.034128
R12-28	AQA-12766	100.5	102	0	0.5	0.0143	0.0498	0.13221
R12-28	AQA-12767	102	103.5	0.021	0.7	0.0263	0.128	0.14563
R12-28	AQA-12768	103.5	105	0.007	0.4	0.0085	0.0746	0.066177
R12-28	AQA-12769	105	106.04	0.011	0.2	0.0092	0.053	0.13699
R12-29	AQA-12770	0	1.2	0.13	0.2	0.0105	0.24	0.014281
R12-29	AQA-12771	1.2	2.43	0.745	0.05	0.0256	0.0758	0.0077554
R12-29	AQA-12772	2.43	4.27	0.403	0.05	0.0237	0.034	0.0044424
R12-29	AQA-12773	4.27	6.4	0.387	4.9	0.0202	0.0535	0.0051147
R12-29	AQA-12774	6.4	7.93	0.076	1763.1	0.5063	0.225	0.023803
R12-29	AQA-12775	7.93	9.14	0.096	2235.6	0.6225	0.143	0.036238
R12-29	AQA-12776	9.14	11.43	0.074	371.5	0.1129	0.0952	0.0389
R12-29	AQA-12777	11.43	12.15	0.17	76.2	0.0787	0.0775	0.31849
R12-29	AQA-12778	12.15	13.15	0.172	4.5	0.2069	0.0959	3.0801
R12-29	AQA-12779	13.15	14.3	0.108	3	0.0823	0.284	2.5739
R12-29	AQA-12780	14.3	15.5	0.023	1.1	0.0392	0.228	1.0114
R12-29	AQA-12781	15.5	16.5	0.021	1.7	0.0427	0.104	1.3775
R12-29	AQA-12782	16.5	18	0.044	1.7	0.0671	0.0675	1.9528
R12-29	AQA-12783	18	19.3	0.018	1.1	0.0507	0.093	1.365
R12-29	AQA-12784	19.3	20.5	0.015	1.7	0.0563	0.181	1.5973
R12-29	AQA-12785	20.5	21.6	0.027	1.4	0.0641	0.215	1.4663
R12-29	AQA-12786	21.6	22.7	0.039	2	0.0976	0.0466	2.3218
R12-29	AQA-12787	22.7	25	0.028	1.7	0.0768	0.064	3.877
R12-29	AQA-12788	25	26.5	0.019	0.8	0.0361	0.0104	1.1667
R12-29	AQA-12791	26.5	28	0.021	1.1	0.0566	0.0172	1.3862
R12-29	AQA-12792	28	29.5	0.03	1.1	0.0652	0.0467	1.4906
R12-29	AQA-12793	29.5	31	0.022	0.9	0.0573	0.0105	1.2491
R12-29	AQA-12794	31	32.5	0.016	0.7	0.0289	2.11	0.89607
R12-29	AQA-12795	32.5	34	0.007	1.2	0.0442	0.0306	1.0852
R12-29	AQA-12796	34	35	0.027	2.3	0.0603	0.00769	0.89517
R12-29	AQA-12797	35	36	0.044	3.6	0.1306	0.011	2.7289
R12-29	AQA-12798	36	37.5	0.019	1.9	0.0734	0.0236	1.2239
R12-29	AQA-12799	37.5	39	0.005	1.4	0.0543	0.0348	1.1625
R12-29	AQA-12800	39	40.5	0	0.8	0.0362	0.0714	0.64489
R12-29	AQA-12801	40.5	42	0.018	1.2	0.0496	0.044	1.2396
R12-29	AQA-12802	42	43	0.028	0.8	0.0382	0.0335	0.97228
R12-29	AQA-12803	43	44.5	0.011	0.9	0.0402	0.0761	0.93046
R12-29	AQA-12804	44.5	46	0.013	0.6	0.0328	0.0748	0.68757
R12-29	AQA-12805	46	47.5	0.018	0.6	0.0304	0.0622	0.67304

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R12-29	AQA-12806	47.5	49	0.025	0.8	0.0398	0.0438	1.1152
R12-29	AQA-12807	49	50.5	0.035	0.8	0.0383	0.0379	1.0416
R12-29	AQA-12808	50.5	52	0.022	1	0.0466	0.0197	1.1511
R12-29	AQA-12809	52	53.5	0.038	1.4	0.0831	0.012	1.0674
R12-29	AQA-12812	53.5	55	0.062	1.8	0.1127	0.0154	1.3011
R12-29	AQA-12813	55	56.5	0.009	0.5	0.0274	0.0185	0.60907
R12-29	AQA-12814	56.5	57.5	0.053	1.3	0.0772	0.0191	1.9403
R12-29	AQA-12815	57.5	58.47	0.397	1.5	0.082	0.0362	1.0309
R12-29	AQA-12816	58.47	59.5	2.08	5.5	0.3082	0.0386	3.6208
R12-29	AQA-12817	59.5	60.5	5.345	3.9	0.1717	0.0274	2.1496
R12-29	AQA-12818	60.5	61.84	0.652	2.1	0.1471	0.0197	3.0995
R12-29	AQA-12819	61.84	63	0.045	0.7	0.0372	0.02	0.86144
R12-29	AQA-12820	63	64.5	0	0.4	0.0161	0.0188	0.65801
R12-29	AQA-12821	64.5	66	0.007	0.2	0.0118	0.0178	0.53206
R12-29	AQA-12822	66	67.5	0.006	0.3	0.0136	0.0187	0.73122
R12-29	AQA-12823	67.5	69	0.008	0.2	0.0161	0.0116	1.1273
R12-29	AQA-12824	69	70.5	0	0.1	0.0059	0.00599	0.37003
R12-29	AQA-12825	70.5	72	0	0.05	0.0042	0.00749	0.18041
R12-29	AQA-12826	72	73.5	0.01	0.05	0.0121	0.00869	0.7199
R12-29	AQA-12827	73.5	75	0.016	0.4	0.0381	0.00494	1.3588
R12-29	AQA-12828	75	76.5	0.022	0.9	0.0707	0.0123	2.5649
R12-29	AQA-12829	76.5	78	0.015	0.6	0.0385	0.0185	1.6393
R12-29	AQA-12830	78	79.5	0	0.7	0.039	0.0149	1.5349
R12-29	AQA-12833	79.5	81.18	0.016	0.9	0.0468	0.0111	1.5462
R12-29	AQA-12834	81.18	82.5	0.015	1	0.0428	0.0454	1.1553
R12-29	AQA-12835	82.5	84	0.008	0.7	0.0239	0.033	0.59029
R12-29	AQA-12836	84	85.5	0.008	0.5	0.0198	0.0377	0.61029
R12-29	AQA-12837	85.5	87	0.071	0.6	0.0136	0.0199	0.59283
R12-29	AQA-12838	87	88.5	0.05	0.9	0.0252	0.0303	0.69968
R12-29	AQA-12839	88.5	90	0.005	0.6	0.0163	0.0285	0.5233
R12-29	AQA-12840	90	91.5	0.119	0.6	0.0333	0.0198	0.79559
R12-29	AQA-12841	91.5	93	0.068	1.1	0.0541	0.032	0.73085
R12-29	AQA-12842	93	94.42	0.03	0.8	0.0242	0.0292	0.3972
R12-29	AQA-12843	94.42	95.5	0.045	0.6	0.0256	0.0118	0.57396
R12-29	AQA-12844	95.5	97	0.007	0.2	0.0033	0.0144	0.12854
R12-29	AQA-12845	97	98.5	0.011	0.4	0.0091	0.03	0.054999
R12-29	AQA-12846	98.5	100	0.062	0.5	0.0161	0.0251	0.025565
R12-29	AQA-12847	100	101.5	0.013	0.5	0.0148	0.0392	0.039297
R12-29	AQA-12848	101.5	103.02	0.058	0.8	0.0494	0.0243	0.31625
R12-30	AQA-12849	0	0.91	0.039	0.05	0.0025	0.886	0.019689
R12-30	AQA-12850	0.91	2.3	0.051	0.05	0.0222	0.0973	0.0095952
R12-30	AQA-12851	2.3	3.96	0.341	0.05	0.0078	0.0179	0.049511
R12-30	AQA-12852	3.96	5	0.036	0.05	0.012	0.0126	0.33223
R12-30	AQA-12853	5	6.5	0.148	0.05	0.0295	0.0159	1.0309
R12-30	AQA-12854	6.5	8	0.025	0.1	0.0343	0.00565	0.91455
R12-30	AQA-12855	8	9	0.012	0.05	0.0092	0.00762	0.35962

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R12-30	AQA-12856	9	10.52	0.037	0.1	0.0093	0.0219	0.31967
R12-30	AQA-12857	10.52	12	0.19	0.05	0.0148	0.0262	0.42661
R12-30	AQA-12858	12	13.07	0.077	0.05	0.0372	0.0378	0.80889
R12-30	AQA-12859	13.07	14.15	0.023	0.2	0.0219	0.0107	0.71497
R12-30	AQA-12860	14.15	15.5	0.052	0.05	0.0141	0.00317	0.5785
R12-30	AQA-12861	15.5	17	0.033	0.2	0.0244	0.00749	0.78557
R12-30	AQA-12862	17	18.5	0.023	0.05	0.015	0.00239	0.48308
R12-30	AQA-12863	18.5	19.5	0.071	0.05	0.0544	0.00323	1.4018
R12-30	AQA-12864	19.5	20.85	0.04	0.3	0.0309	0.00864	0.71764
R12-30	AQA-12865	20.85	22.3	1.406	2.6	0.4268	0.0438	3.235
R12-30	AQA-12866	22.3	23.4	22.427	20	1.92	0.323	11.632
R12-30	AQA-12867	23.4	24.5	1.775	1.7	0.1733	0.0179	2.5931
R12-30	AQA-12870	24.5	26	0.261	0.8	0.1968	0.139	2.3338
R12-30	AQA-12871	26	27.5	0.072	0.2	0.0767	0.0787	1.3021
R12-30	AQA-12872	27.5	29	0.027	0.3	0.0568	0.795	1.1344
R12-30	AQA-12873	29	30.5	0.027	0.6	0.069	0.033	1.3134
R12-30	AQA-12874	30.5	32	0.024	0.5	0.0818	0.0267	1.5478
R12-30	AQA-12875	32	33.5	0.015	0.2	0.048	0.0105	0.94404
R12-30	AQA-12876	33.5	35	0.027	0.6	0.087	0.0274	1.5972
R12-30	AQA-12877	35	36.5	0.02	0.4	0.0497	0.0284	1.0498
R12-30	AQA-12878	36.5	38	0.015	0.4	0.0763	0.0572	1.7146
R12-30	AQA-12879	38	39	0.048	0.9	0.146	0.00487	3.1274
R12-30	AQA-12880	39	40	0.01	0.4	0.0832	0.125	1.8186
R12-30	AQA-12881	40	41.5	0.039	0.3	0.0414	0.00994	1.0704
R12-30	AQA-12882	41.5	42.5	0	0.1	0.0254	0.00718	0.69644
R12-30	AQA-12883	42.5	43.5	0.021	0.4	0.0884	0.0365	2.3628
R12-30	AQA-12884	43.5	45	0.04	1	0.1168	0.019	2.7626
R12-30	AQA-12885	45	46.5	0.02	0.7	0.0699	0.0495	1.4268
R12-30	AQA-12886	46.5	47.5	0.066	0.7	0.0801	0.0588	1.6067
R12-30	AQA-12887	47.5	49	0.025	0.4	0.0563	0.0154	1.4461
R12-30	AQA-12888	49	50	0.119	0.9	0.0998	0.0781	1.2995
R12-30	AQA-12891	50	51	0.044	0.3	0.0707	0.799	1.6019
R12-30	AQA-12892	51	52	0.035	0.4	0.0764	0.215	1.7747
R12-30	AQA-12893	52	53.5	0.065	0.6	0.1478	0.0109	2.9755
R12-30	AQA-12894	53.5	55	0.052	0.4	0.1157	0.0114	2.2387
R12-30	AQA-12895	55	56	0.183	0.8	0.171	0.0117	2.1704
R12-30	AQA-12896	56	57.22	2.746	1.8	0.2376	0.00858	1.6844
R12-30	AQA-12897	57.22	58.25	6.061	3	0.3344	0.0139	3.5317
R12-30	AQA-12898	58.25	59.25	0.225	1.2	0.2049	0.033	1.4301
R12-30	AQA-12899	59.25	60.25	0.069	0.2	0.0418	0.0256	0.46914
R12-30	AQA-12900	60.25	61	0.492	1.5	0.2461	0.0182	2.0818
R12-30	AQA-12901	61	61.84	0.3	1.2	0.2111	0.0387	2.5472
R12-30	AQA-12902	61.84	63	0.992	2.6	0.3813	0.00668	2.4306
R12-30	AQA-12903	63	64.5	0.074	0.9	0.1796	0.0215	2.7817
R12-30	AQA-12904	64.5	66	0.122	1.2	0.2423	0.0177	3.5269
R12-30	AQA-12905	66	67.5	0.048	0.4	0.0659	0.0569	1.3703

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R12-30	AQA-12906	67.5	69	0.015	0.2	0.0309	0.0198	1.1994
R12-30	AQA-12907	69	70.5	0.025	0.3	0.0353	0.0114	1.2209
R12-30	AQA-12908	70.5	71.5	0.025	0.5	0.0494	0.012	1.5087
R12-30	AQA-12909	71.5	72.56	0.085	0.6	0.0731	0.0188	1.8649
R12-30	AQA-12910	72.56	74	0.018	0.2	0.0351	0.05	0.80709
R12-30	AQA-12913	74	75	0.036	0.3	0.0354	0.0347	0.81642
R12-30	AQA-12914	75	76.5	0.025	0.5	0.0752	0.0264	1.7792
R12-30	AQA-12915	76.5	77.55	0.023	0.8	0.1074	0.0301	2.0254
R12-30	AQA-12916	77.55	79	0.007	0.7	0.0302	0.0596	0.57363
R12-30	AQA-12917	79	80.5	0.021	0.4	0.0459	0.068	0.80459
R12-30	AQA-12918	80.5	82	0	0.2	0.0381	0.0477	0.61442
R12-30	AQA-12919	82	83.5	0.021	0.8	0.1268	0.0228	1.5393
R12-30	AQA-12920	83.5	84.8	0.018	0.6	0.1061	0.0209	1.8643
R12-30	AQA-12921	84.8	86.3	0.01	0.6	0.0424	0.0482	0.64821
R12-30	AQA-12922	86.3	87.5	0	0.1	0.0289	0.0484	0.50862
R12-30	AQA-12923	87.5	89	0	0.3	0.0435	0.0474	0.91425
R12-30	AQA-12924	89	90.5	0.011	0.3	0.0597	0.0363	1.1997
R12-30	AQA-12925	90.5	92	0.067	0.4	0.058	0.0541	0.87762
R12-30	AQA-12926	92	93.5	0.018	0.4	0.0247	0.0572	0.40126
R12-30	AQA-12927	93.5	95	0.011	0.05	0.0195	0.0704	0.37326
R12-30	AQA-12928	95	96.5	0	0.3	0.0169	0.0737	0.39408
R12-30	AQA-12929	96.5	98	0	0.05	0.0145	0.0586	0.33148
R12-30	AQA-12930	98	99.5	0	0.4	0.0384	0.0633	0.91278
R12-30	AQA-12931	99.5	100.6	0.013	0.6	0.044	0.0595	1.0171
R12-30	AQA-12934	100.6	102	0.009	0.8	0.0406	0.0771	0.91879
R12-30	AQA-12935	102	103.5	0.015	0.9	0.0582	0.0565	1.4568
R12-30	AQA-12936	103.5	105	0.022	1.2	0.0697	0.0439	2.0946
R12-30	AQA-12937	105	106.5	0.007	0.8	0.0558	0.036	1.512
R12-30	AQA-12938	106.5	107.5	0.018	0.8	0.0542	0.0364	1.2419
R12-30	AQA-12939	107.5	108.5	0.096	1.1	0.0507	0.0519	1.2628
R12-30	AQA-12940	108.5	110	0.012	0.5	0.0313	0.0481	0.75173
R12-30	AQA-12941	110	111.5	0.008	0.8	0.0449	0.065	1.0449
R12-30	AQA-12942	111.5	112.5	0.015	1.4	0.0624	0.0617	1.4077
R12-30	AQA-12943	112.5	113.54	0.01	0.8	0.0413	0.0476	0.83806
R12-30	AQA-12944	113.54	115	0.025	0.7	0.0731	0.0121	1.867
R12-30	AQA-12945	115	116.5	0.005	0.1	0.0014	0.009	0.048285
R12-30	AQA-12946	116.5	118	0.006	0.05	0.0038	0.0193	0.08956
R12-30	AQA-12947	118	119.25	0	0.05	0.0095	0.0198	0.18416
R12-30	AQA-12948	119.25	120.5	0.006	0.05	0.0122	0.0332	0.32604
R12-30	AQA-12949	120.5	122	0.016	0.5	0.0454	0.0171	1.434
R12-30	AQA-12950	122	123.5	0.038	0.4	0.0631	0.0148	1.5218
R12-30	AQA-12951	123.5	125	0.076	0.5	0.0575	0.0234	2.1459
R12-30	AQA-12952	125	126.5	0.038	0.1	0.0187	0.028	0.78715
R12-30	AQA-12955	126.5	128	0.015	0.05	0.0147	0.0196	0.61499
R12-30	AQA-12956	128	129.5	0.024	0.2	0.0436	0.0148	1.6836
R12-30	AQA-12957	129.5	131	0.014	0.05	0.0097	0.0109	0.51008

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-30	AQA-12958	131	132.5	0	0.05	0.0183	0.0383	0.76236
R12-30	AQA-12959	132.5	133.5	0.011	0.05	0.0164	0.05	0.55359
R12-30	AQA-12960	133.5	134.5	0.01	0.4	0.0347	0.185	0.90318
R12-30	AQA-12961	134.5	135.5	0	0.05	0.0124	0.0818	0.27641
R12-30	AQA-12962	135.5	136.59	0.009	0.05	0.0134	0.0617	0.3285
R12-31	AQA-12963	0	1.22	0.051	0.3	0.0088	0.854	0.025643
R12-31	AQA-12964	1.22	2.13	0.203	0.4	0.0421	0.345	0.0080822
R12-31	AQA-12965	2.13	3.66	0.225	0.5	0.0124	0.236	0.007817
R12-31	AQA-12966	3.66	5.18	0.045	0.4	0.0097	0.155	0.015821
R12-31	AQA-12967	5.18	6.04	0.101	2.3	0.0272	0.263	0.00436
R12-31	AQA-12968	6.04	7.47	0.042	0.4	0.0125	0.00366	0.1556
R12-31	AQA-12969	7.47	8.5	0.04	0.4	0.033	0.00307	0.4936
R12-31	AQA-12970	8.5	10	0.035	0.3	0.0096	0.00372	0.31082
R12-31	AQA-12971	10	11	0.016	0.3	0.0055	0.0039	0.20182
R12-31	AQA-12972	11	12.5	0.049	0.3	0.0088	0.0149	0.3211
R12-31	AQA-12973	12.5	14	0.02	0.9	0.0086	0.0259	0.22434
R12-31	AQA-12974	14	15.85	0	0.4	0.0066	0.0105	0.13183
R12-31	AQA-12975	15.85	17.68	0.027	0.4	0.0046	0.0144	0.13447
R12-31	AQA-12976	17.68	19	0.057	0.4	0.0139	0.0414	0.3183
R12-31	AQA-12977	19	20.5	0.462	0.5	0.0281	0.0137	0.68082
R12-31	AQA-12978	20.5	22	0.036	0.2	0.0298	0.0214	0.26507
R12-31	AQA-12979	22	23.63	0.059	0.1	0.0083	0.0162	0.15106
R12-31	AQA-12980	23.63	24.63	0.202	1.6	0.1166	0.0544	0.48477
R12-31	AQA-12981	24.63	26	0.22	0.1	0.0195	0.0268	0.40828
R12-31	AQA-12984	26	27.5	0.061	0.2	0.0195	0.0149	0.4332
R12-31	AQA-12985	27.5	29	0.058	0.05	0.0084	0.0111	0.10278
R12-31	AQA-12986	29	30.5	0.034	0.05	0.005	0.013	0.1382
R12-31	AQA-12987	30.5	32	0.025	0.05	0.0049	0.00785	0.13196
R12-31	AQA-12988	32	33.5	0.036	0.05	0.0077	0.00488	0.16428
R12-31	AQA-12989	33.5	34.5	0.026	0.05	0.005	0.0142	0.13372
R12-31	AQA-12990	34.5	35.5	0.063	0.2	0.0152	0.95	0.7819
R12-31	AQA-12991	35.5	37	0.063	0.3	0.0392	0.0169	0.98439
R12-31	AQA-12992	37	38	0.433	0.05	0.0281	0.00827	0.89793
R12-31	AQA-12993	38	39.22	0.045	0.2	0.0249	0.00913	0.52631
R12-31	AQA-12994	39.22	40.33	0.053	0.05	0.0047	0.0103	0.09967
R12-31	AQA-12995	40.33	41.83	0.438	0.5	0.0901	0.0127	3.0875
R12-31	AQA-12996	41.83	42.8	0.044	0.05	0.0118	0.0209	0.19192
R12-31	AQA-12997	42.8	43.7	0.022	0.05	0.0063	0.0729	0.099631
R12-31	AQA-12998	43.7	44.75	0.112	0.7	0.1343	0.0156	2.6001
R12-31	AQA-12999	44.75	45.5	0.116	0.7	0.1412	0.0869	3.0272
R12-31	AQA-13000	45.5	47	0.034	0.2	0.0259	0.095	0.53605
R12-31	AQA-13001	47	48.5	0.062	0.1	0.0241	0.0826	0.47669
R12-31	AQA-13002	48.5	50	0.015	0.1	0.0182	0.0838	0.42428
R12-31	AQA-13005	50	51	0.1	0.4	0.0873	0.075	1.5036
R12-31	AQA-13006	51	52	0.054	0.05	0.0106	0.0102	0.23873
R12-31	AQA-13007	52	53.3	0.061	0.2	0.0211	0.277	0.3468

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-31	AQA-13008	53.3	54.3	0.207	0.5	0.102	0.058	1.2385
R12-31	AQA-13009	54.3	55.25	0.206	0.4	0.0461	0.0287	0.65283
R12-31	AQA-13010	55.25	56.64	0.056	0.2	0.0234	0.0417	0.30688
R12-31	AQA-13011	56.64	57.75	0.184	0.7	0.0818	0.0482	1.3665
R12-31	AQA-13012	57.75	59	0.276	0.7	0.097	0.212	1.9141
R12-31	AQA-13013	59	60.37	0.074	1	0.1455	0.0111	1.9777
R12-31	AQA-13014	60.37	61.5	0.034	0.4	0.0497	0.0566	0.49763
R12-31	AQA-13015	61.5	63	0.041	0.3	0.0151	0.0331	0.243
R12-31	AQA-13016	63	64.5	0.026	0.6	0.053	0.0362	0.92955
R12-31	AQA-13017	64.5	65.5	0.023	0.5	0.0723	0.038	1.3962
R12-31	AQA-13018	65.5	66.5	0.025	0.4	0.0481	0.0531	0.74747
R12-31	AQA-13019	66.5	68	0.019	0.3	0.0375	0.054	0.75219
R12-31	AQA-13020	68	69.51	0.025	0.4	0.0409	0.0867	0.64783
R12-31	AQA-13021	69.51	71	0.039	0.7	0.0743	0.0748	1.0239
R12-31	AQA-13022	71	72.56	0.026	0.4	0.0487	0.0546	0.61543
R12-31	AQA-13023	72.56	74	0	0.6	0.0257	0.0424	0.38087
R12-31	AQA-13026	74	75.61	0.011	0.7	0.0304	0.0652	0.38073
R12-31	AQA-13027	75.61	77	0	0.6	0.0318	0.101	0.46958
R12-31	AQA-13028	77	78	0.01	0.8	0.0477	0.116	0.72781
R12-31	AQA-13029	78	79.5	0.01	0.7	0.0469	0.101	0.8071
R12-31	AQA-13030	79.5	81	0.022	0.3	0.0187	0.121	0.2599
R12-31	AQA-13031	81	82.5	0.011	0.4	0.0297	0.11	0.54452
R12-31	AQA-13032	82.5	83.88	0.006	0.7	0.0447	0.13	0.61157
R12-31	AQA-13033	83.88	85	0.022	0.7	0.07	0.039	0.97679
R12-31	AQA-13034	85	86.5	0.026	0.8	0.1323	0.0383	1.7694
R12-31	AQA-13035	86.5	88	0.048	0.7	0.1321	0.0265	1.6106
R12-31	AQA-13036	88	89.42	0.124	0.8	0.1234	0.0123	1.4523
R12-31	AQA-13037	89.42	89.99	0.454	1.9	0.2979	0.0424	4.1833
R12-31	AQA-13038	89.99	91.06	0.184	0.8	0.0821	0.0442	0.72011
R12-31	AQA-13039	91.06	92	1.397	1.6	0.1974	0.0366	1.6843
R12-31	AQA-13040	92	93.38	0.469	0.6	0.0552	0.0176	0.45735
R12-31	AQA-13041	93.38	94.3	0.06	0.4	0.0758	0.0204	1.003
R12-31	AQA-13042	94.3	95.8	0.072	0.3	0.041	0.0438	0.56271
R12-31	AQA-13043	95.8	97.25	0.018	0.3	0.0329	0.0442	0.47534
R12-31	AQA-13044	97.25	98.5	0.017	0.5	0.08	0.0215	1.6349
R12-31	AQA-13047	98.5	100	0.019	0.7	0.1365	0.00769	2.0583
R12-31	AQA-13048	100	101	0.014	0.6	0.1105	0.0161	1.5312
R12-31	AQA-13049	101	102	0.016	0.6	0.1246	0.0479	1.0887
R12-31	AQA-13050	102	103.5	0.011	0.7	0.1133	0.018	1.8589
R12-31	AQA-13051	103.5	105	0.018	0.6	0.0845	0.00705	1.5569
R12-31	AQA-13052	105	106.5	0.022	0.4	0.0748	0.0131	1.6236
R12-31	AQA-13053	106.5	108	0.015	0.4	0.0981	0.0106	1.7807
R12-31	AQA-13054	108	109.5	0.013	0.4	0.071	0.0101	1.6184
R12-31	AQA-13055	109.5	111	0	0.4	0.091	0.0193	2.1004
R12-31	AQA-13056	111	112.5	0.014	0.4	0.0934	0.00883	1.5746
R12-31	AQA-13057	112.5	114	0.02	0.9	0.1478	0.0068	2.4071

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-31	AQA-13058	114	115.16	0.017	0.9	0.1252	0.011	2.0958
R12-31	AQA-13059	115.16	116.5	0	0.3	0.0358	0.046	0.55932
R12-31	AQA-13060	116.5	118	0.005	0.7	0.0543	0.0924	0.95325
R12-31	AQA-13061	118	119.5	0	0.2	0.0144	0.0685	0.1829
R12-31	AQA-13062	119.5	121	0	0.7	0.0459	0.0842	0.57218
R12-31	AQA-13063	121	122.5	0	0.7	0.0417	0.0556	0.4693
R12-31	AQA-13064	122.5	124	0.01	0.4	0.0358	0.0532	0.36826
R12-31	AQA-13065	124	125.5	0	0.2	0.0249	0.0467	0.30106
R12-31	AQA-13068	125.5	127	0.006	0.2	0.0192	0.0433	0.29399
R12-31	AQA-13069	127	128.5	0	0.3	0.0223	0.0607	0.24972
R12-31	AQA-13070	128.5	130	0.009	0.6	0.0323	0.0522	0.44373
R12-31	AQA-13071	130	131.5	0.009	0.2	0.0262	0.0568	0.21272
R12-31	AQA-13072	131.5	133	0.011	0.1	0.0153	0.0466	0.15431
R12-31	AQA-13073	133	134.15	0.044	1.4	0.1213	0.0299	1.1664
R12-31	AQA-13074	134.15	135.22	0.014	0.5	0.059	0.0317	1.2327
R12-31	AQA-13075	135.22	136.7	0	0.4	0.0493	0.0437	0.67341
R12-31	AQA-13076	136.7	138	0.007	0.2	0.0286	0.0459	0.56065
R12-31	AQA-13077	138	139.5	0.014	0.5	0.061	0.0285	1.3846
R12-31	AQA-13078	139.5	141	0.023	0.6	0.0665	0.0484	1.3717
R12-31	AQA-13079	141	142	0.049	0.9	0.0834	0.0556	1.6745
R12-31	AQA-13080	142	143.17	0.028	1	0.0963	0.07	1.5968
R12-31	AQA-13081	143.17	144.5	0.038	0.6	0.0831	0.0459	1.0004
R12-31	AQA-13082	144.5	146	0.072	1.1	0.0861	0.0187	0.69918
R12-31	AQA-13083	146	147.5	0.009	0.3	0.0087	0.0233	0.053685
R12-31	AQA-13084	147.5	149	0.011	0.2	0.0119	0.0203	0.10264
R12-31	AQA-13085	149	150.5	0	0.3	0.006	0.0672	0.081765
R12-31	AQA-13086	150.5	152	0	0.3	0.0266	0.11	0.48104
R12-32	AQA-13087	0	1	0.015	0.05	0.0093	0.984	0.025629
R12-32	AQA-13088	1	1.83	0.011	0.05	0.0039	0.177	0.0080597
R12-32	AQA-13089	1.83	3.05	0	0.05	0.0028	0.327	0.0032578
R12-32	AQA-13090	3.05	4.27	0.014	0.05	0.0042	0.317	0.002282
R12-32	AQA-13091	4.27	5.49	0	0.05	0.0028	0.0554	0.0005463
R12-32	AQA-13092	5.49	7.32	0	0.05	0.0045	0.0269	0.0027246
R12-32	AQA-13093	7.32	8.54	0.064	0.05	0.0054	0.269	0.0015009
R12-32	AQA-13094	8.54	9.6	0.046	0.05	0.0054	0.0372	0.0015087
R12-32	AQA-13095	9.6	10.67	0.062	0.05	0.0092	0.00901	0.0034411
R12-32	AQA-13096	10.67	12.5	0	0.05	0.0142	1.02	0.06982
R12-32	AQA-13097	12.5	14	0.007	0.05	0.0312	0.108	0.4014
R12-32	AQA-13098	14	15.5	0.023	0.05	0.0069	0.0228	0.24744
R12-32	AQA-13099	15.5	16.7	0.089	0.05	0.0487	0.00656	1.0178
R12-32	AQA-13100	16.7	18	0.603	0.05	0.0348	0.00718	1.4105
R12-32	AQA-13101	18	19.5	0.424	0.05	0.0197	0.00347	0.81833
R12-32	AQA-13102	19.5	21	0.257	0.05	0.0123	0.0159	0.56521
R12-32	AQA-13103	21	22.56	0.078	0.05	0.0174	0.015	0.52873
R12-32	AQA-13104	22.56	24	0.083	0.05	0.0124	0.0175	0.61915
R12-32	AQA-13105	24	25.5	0.057	0.05	0.0175	0.00431	0.78413

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-32	AQA-13108	25.5	26.5	0.15	0.1	0.045	0.0295	1.2801
R12-32	AQA-13109	26.5	28	0.007	0.05	0.003	0.00215	0.14007
R12-32	AQA-13110	28	29.5	0.016	0.05	0.008	0.344	0.30146
R12-32	AQA-13111	29.5	31	0.018	0.05	0.0031	0.0312	0.12156
R12-32	AQA-13112	31	32	0.015	0.05	0.0082	0.00421	0.26482
R12-32	AQA-13113	32	33.3	0.027	0.05	0.0074	0.00291	0.31203
R12-32	AQA-13114	33.3	34.5	0.027	0.05	0.0035	0.00755	0.14027
R12-32	AQA-13115	34.5	36	0.248	0.05	0.0084	0.00857	0.41191
R12-32	AQA-13116	36	37.5	0.012	0.05	0.0091	0.021	0.40045
R12-32	AQA-13117	37.5	39	0.043	0.05	0.0096	0.0188	0.40421
R12-32	AQA-13118	39	40.5	0	0.1	0.0115	0.00503	0.2745
R12-32	AQA-13119	40.5	42.07	0.006	0.3	0.0204	0.0138	0.31529
R12-32	AQA-13120	42.07	43.25	0.092	0.05	0.0165	0.0149	0.36451
R12-32	AQA-13121	43.25	44.5	0.029	0.2	0.0196	0.00754	0.61451
R12-32	AQA-13122	44.5	46	0	0.05	0.0119	0.0523	0.50942
R12-32	AQA-13123	46	47.5	0.03	0.2	0.0262	0.0132	1.0086
R12-32	AQA-13124	47.5	49	0.059	0.2	0.0385	0.00878	1.4456
R12-32	AQA-13125	49	50.5	0.034	0.1	0.0087	0.01	0.37953
R12-32	AQA-13126	50.5	52	0.031	0.2	0.0091	0.00868	0.4051
R12-32	AQA-13129	52	53	0.013	0.2	0.0301	0.0176	0.9108
R12-32	AQA-13130	53	54	0.041	0.4	0.0458	0.00841	1.4435
R12-32	AQA-13131	54	55.08	0.102	0.3	0.0728	0.0142	1.7126
R12-32	AQA-13132	55.08	56.6	0.142	0.7	0.1144	0.0204	2.0563
R12-32	AQA-13133	56.6	57.7	0.464	0.9	0.128	0.0477	1.2315
R12-32	AQA-13134	57.7	58.7	0.268	0.8	0.1652	0.0162	2.4152
R12-32	AQA-13135	58.7	59.7	0.198	1.1	0.194	0.0209	2.08
R12-32	AQA-13136	59.7	61	0.099	0.6	0.0973	0.0207	1.3615
R12-32	AQA-13137	61	62.5	0.024	0.3	0.0528	0.0124	0.93104
R12-32	AQA-13138	62.5	64	0.023	0.1	0.0855	0.0035	1.6321
R12-32	AQA-13139	64	65.52	0.014	0.1	0.0473	0.00719	0.89522
R12-32	AQA-13140	65.52	66.5	0.016	0.3	0.0809	0.0000774	1.8277
R12-32	AQA-13141	66.5	68	0	0.2	0.0587	0.0143	1.0645
R12-32	AQA-13142	68	69.51	0.018	0.2	0.0606	0.0114	1.0871
R12-32	AQA-13143	69.51	70.5	0.012	0.4	0.0795	0.0287	1.0633
R12-32	AQA-13144	70.5	71.6	0.011	0.2	0.0245	0.0539	0.48749
R12-32	AQA-13145	71.6	72.5	0.013	0.4	0.068	0.0257	0.98485
R12-32	AQA-13146	72.5	74	0	0.3	0.0388	0.0625	0.56982
R12-32	AQA-13147	74	75.61	0.008	0.1	0.0149	0.071	0.29489
R12-32	AQA-13150	75.61	77	0	0.2	0.0201	0.0823	0.44671
R12-32	AQA-13151	77	78.5	0.006	0.3	0.0379	0.0909	0.66773
R12-32	AQA-13152	78.5	80	0	0.2	0.0256	0.0954	0.62118
R12-32	AQA-13153	80	81.5	0	0.1	0.0206	0.0531	0.72969
R12-32	AQA-13154	81.5	82.5	0.018	0.4	0.0485	0.0354	1.4145
R12-32	AQA-13155	82.5	83.5	0.014	0.6	0.0679	0.0282	1.4043
R12-32	AQA-13156	83.5	85	0	0.2	0.0464	0.0651	1.0078
R12-32	AQA-13157	85	86.5	0.006	0.3	0.0476	0.0217	1.1226

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-32	AQA-13158	86.5	88	0	0.1	0.0379	0.0145	0.81236
R12-32	AQA-13159	88	89	0.015	0.05	0.0261	0.0256	0.43663
R12-32	AQA-13160	89	90	0.031	0.3	0.0531	0.0279	1.1667
R12-32	AQA-13161	90	91.35	0.008	0.05	0.0342	0.0154	0.71421
R12-32	AQA-13162	91.35	92.7	0.012	0.05	0.0094	0.0191	0.19945
R12-32	AQA-13163	92.7	93.7	0.01	0.05	0.0054	0.0189	0.11317
R12-32	AQA-13164	93.7	94.8	0.038	0.4	0.0682	0.0305	0.8867
R12-32	AQA-13165	94.8	95.8	0.093	0.8	0.1211	0.115	1.5843
R12-32	AQA-13166	95.8	96.95	0.025	0.2	0.0539	0.0476	0.88596
R12-32	AQA-13167	96.95	98	0.015	0.5	0.0792	0.0126	1.5173
R12-32	AQA-13168	98	99.2	0.014	0.5	0.072	0.0171	1.6408
R12-32	AQA-13171	99.2	100.5	0.007	0.1	0.0332	0.07	0.63264
R12-32	AQA-13172	100.5	101.5	0.009	0.4	0.0348	0.0888	0.7523
R12-32	AQA-13173	101.5	103	0	0.05	0.0318	0.0682	1.2041
R12-32	AQA-13174	103	104.5	0.005	0.05	0.0281	0.0992	0.6462
R12-32	AQA-13175	104.5	106	0.009	0.05	0.0251	0.0564	0.34473
R12-32	AQA-13176	106	107.25	0	0.05	0.0116	0.079	0.16586
R12-32	AQA-13177	107.25	108.5	0.032	0.7	0.1111	0.0284	1.6597
R12-32	AQA-13178	108.5	110	0.043	1	0.1311	0.0192	1.8656
R12-32	AQA-13179	110	111.5	0.022	1	0.1299	0.0125	1.9739
R12-32	AQA-13180	111.5	112.5	0.04	1.1	0.1343	0.0248	2.6143
R12-32	AQA-13181	112.5	114	0.035	1.3	0.1434	0.0262	2.1736
R12-32	AQA-13182	114	115.5	0	0.4	0.0333	0.0444	0.43875
R12-32	AQA-13183	115.5	117	0.007	0.4	0.0238	0.0418	0.34939
R12-32	AQA-13184	117	118.18	0.021	0.6	0.0391	0.0644	0.36393
R12-32	AQA-13185	118.18	119.5	0.041	0.9	0.0675	0.0504	0.7187
R12-32	AQA-13186	119.5	121	0.014	0.4	0.0312	0.0386	0.42827
R12-32	AQA-13187	121	122.5	0.024	0.1	0.013	0.00979	0.24784
R12-32	AQA-13188	122.5	124	0.043	0.3	0.0402	0.162	0.99342
R12-32	AQA-13189	124	125.5	0.024	0.4	0.0184	0.0376	0.2142
R12-32	AQA-13192	125.5	127	0	0.05	0.0014	0.0188	0.028396
R12-32	AQA-13193	127	128.5	0	0.05	0.0039	0.0369	0.043343
R12-32	AQA-13194	128.5	129.65	0.102	1.9	0.1268	0.0401	1.8538
R12-32	AQA-13195	129.65	130.73	0.023	0.6	0.0498	0.0431	0.66548
R12-32	AQA-13196	130.73	132	0	0.05	0.0028	0.0421	0.018985
R12-32	AQA-13197	132	133.5	0.015	0.3	0.0276	0.037	0.36977
R12-32	AQA-13198	133.5	135	0.536	1	0.1071	0.0306	1.2241
R12-32	AQA-13199	135	136.55	0.039	0.9	0.0666	0.0162	0.43392
R12-32	AQA-13200	136.55	138	0.014	0.3	0.0239	0.0228	0.18112
R12-32	AQA-13201	138	139.6	0.011	0.1	0.0041	0.021	0.033043
R12-33	AQA-13202	0	1.5	0.061	0.2	0.0159	0.806	0.0064536
R12-33	AQA-13203	1.5	3.05	0.15	0.05	0.0117	0.379	0.0019674
R12-33	AQA-13204	3.05	3.96	0.97	0.05	0.027	0.557	0.0024352
R12-33	AQA-13205	3.96	5.49	0.212	0.1	0.0242	0.35	0.0019772
R12-33	AQA-13206	5.49	7	0.008	0.05	0.0119	0.0341	0.25041
R12-33	AQA-13207	7	8.54	0	0.1	0.0138	0.33	0.29662

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-33	AQA-13208	8.54	10	0	0.05	0.01	0.196	0.49456
R12-33	AQA-13209	10	11.53	0	0.3	0.0246	0.026	0.78625
R12-33	AQA-13210	11.53	13	0	0.1	0.0189	0.0162	0.4819
R12-33	AQA-13211	13	14.5	0	0.05	0.0096	0.0227	0.31477
R12-33	AQA-13212	14.5	16	0.007	0.4	0.026	0.0237	0.46651
R12-33	AQA-13213	16	17.5	0	0.3	0.0246	0.0182	0.62
R12-33	AQA-13214	17.5	19	0	0.4	0.0342	0.0267	0.91979
R12-33	AQA-13215	19	20.5	0.007	0.4	0.0702	0.0535	1.489
R12-33	AQA-13216	20.5	22	0	0.4	0.0713	0.0303	1.5395
R12-33	AQA-13217	22	23.5	0.022	0.7	0.1131	0.00567	1.8684
R12-33	AQA-13218	23.5	25	0	0.5	0.0644	0.0128	1.3287
R12-33	AQA-13219	25	26	0.018	0.5	0.0724	0.07	1.3191
R12-33	AQA-13220	26	27	0.099	0.4	0.0537	0.0664	0.96774
R12-33	AQA-13223	27	28.5	0.024	0.5	0.0773	0.0262	1.2941
R12-33	AQA-13224	28.5	30	0.011	0.2	0.0275	0.0828	0.59565
R12-33	AQA-13225	30	31.5	0.014	0.2	0.0388	0.00836	0.68548
R12-33	AQA-13226	31.5	33	0.01	0.05	0.0416	0.00446	0.87176
R12-33	AQA-13227	33	34.25	0.014	0.5	0.0639	0.00348	1.218
R12-33	AQA-13228	34.25	35.5	0.018	0.6	0.0942	0.00936	1.7334
R12-33	AQA-13229	35.5	37	0.021	0.3	0.0529	0.0196	1.1035
R12-33	AQA-13230	37	38.5	0.041	0.4	0.0656	0.00593	1.2345
R12-33	AQA-13231	38.5	40	0.056	0.5	0.1065	0.0076	1.5093
R12-33	AQA-13232	40	41	0.058	0.7	0.0984	0.00464	1.4224
R12-33	AQA-13233	41	42	0.169	1	0.1513	0.375	2.5503
R12-33	AQA-13234	42	43.4	0.156	0.9	0.1714	0.0235	2.27
R12-33	AQA-13235	43.4	45	0.008	0.3	0.0211	0.0104	0.59994
R12-33	AQA-13236	45	46.5	0.009	0.2	0.0261	0.00178	0.71665
R12-33	AQA-13237	46.5	48	0.018	0.5	0.0366	0.00714	0.92121
R12-33	AQA-13238	48	49.5	0.015	0.3	0.0388	0.0219	1.0021
R12-33	AQA-13239	49.5	50.5	0.035	0.9	0.0893	0.0604	1.8875
R12-33	AQA-13240	50.5	52	0.007	0.3	0.0131	0.00685	0.4696
R12-33	AQA-13241	52	53.5	0.015	0.5	0.0391	0.00817	0.82489
R12-33	AQA-13244	53.5	55	0.009	0.4	0.0193	0.0112	0.49342
R12-33	AQA-13245	55	56.5	0.029	0.3	0.0134	0.0189	0.50536
R12-33	AQA-13246	56.5	58	0.024	0.3	0.0073	0.0189	0.30631
R12-33	AQA-13247	58	59.5	0.009	0.3	0.013	0.00429	0.58278
R12-33	AQA-13248	59.5	61	0.018	0.4	0.0101	0.0116	0.28013
R12-33	AQA-13249	61	62.5	0	0.9	0.0102	0.00583	0.32422
R12-33	AQA-13250	62.5	64	0.009	0.5	0.0239	0.00685	0.64776
R12-33	AQA-13251	64	65.5	0	0.2	0.0113	0.00724	0.3289
R12-33	AQA-13252	65.5	67	0	0.4	0.0133	0.00585	0.29434
R12-33	AQA-13253	67	68.52	0	0.5	0.0131	0.0119	0.38729
R12-33	AQA-13254	68.52	70	0	0.3	0.0166	0.00459	0.56469
R12-33	AQA-13255	70	71.5	0.041	0.5	0.0368	0.00752	0.7207
R12-33	AQA-13256	71.5	72.93	0.022	0.3	0.0235	0.00601	0.5675
R12-33	AQA-13257	72.93	74	0.093	0.6	0.0651	0.0136	1.4694

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-33	AQA-13258	74	74.98	0.121	0.7	0.0626	0.0161	0.89022
R12-33	AQA-13259	74.98	76	1.047	0.6	0.1388	0.0368	0.84015
R12-33	AQA-13260	76	77.5	0.159	0.5	0.0632	0.0186	0.58886
R12-33	AQA-13261	77.5	78.45	0.103	0.9	0.1283	0.0191	1.866
R12-33	AQA-13262	78.45	80	0.056	0.4	0.0747	0.0147	1.1063
R12-33	AQA-13265	80	81.5	0	0.2	0.0175	0.0404	0.21308
R12-33	AQA-13266	81.5	83	0	0.2	0.0129	0.0487	0.15247
R12-33	AQA-13267	83	84.5	0	0.4	0.024	0.0376	0.38168
R12-33	AQA-13268	84.5	86	0	0.3	0.0186	0.0642	0.2252
R12-33	AQA-13269	86	87.5	0	0.2	0.0198	0.0867	0.28812
R12-33	AQA-13270	87.5	89	0.007	0.4	0.0224	0.0838	0.41847
R12-33	AQA-13271	89	90.5	0	0.1	0.0116	0.0425	0.46901
R12-33	AQA-13272	90.5	92	0.013	0.4	0.0301	0.0366	1.0172
R12-33	AQA-13273	92	93.5	0	0.1	0.0143	0.0248	0.26911
R12-33	AQA-13274	93.5	95	0	0.2	0.0061	0.0277	0.17881
R12-33	AQA-13275	95	96.5	0.006	0.3	0.0314	0.0466	0.57855
R12-33	AQA-13276	96.5	98	0.007	0.2	0.0313	0.0437	0.56625
R12-33	AQA-13277	98	99.5	0.023	0.7	0.0883	0.0292	1.7176
R12-33	AQA-13278	99.5	100.75	0.012	0.5	0.0608	0.0395	1.3515
R12-33	AQA-13279	100.75	102	0.067	1.2	0.1101	0.0747	1.5818
R12-33	AQA-13280	102	103.05	0.077	1.1	0.1613	0.0218	2.4365
R12-33	AQA-13281	103.05	104.15	0.036	0.8	0.0866	0.0488	1.3034
R12-33	AQA-13282	104.15	105.7	0.042	0.6	0.068	0.0295	0.77682
R12-33	AQA-13283	105.7	106.9	0.166	0.3	0.0409	0.0214	0.55209
R12-33	AQA-13286	106.9	108	0.104	0.9	0.0986	0.0218	1.2748
R12-33	AQA-13287	108	109	0.073	0.6	0.0794	0.0082	1.2778
R12-33	AQA-13288	109	110	0.026	0.7	0.0759	0.0328	1.2346
R12-33	AQA-13289	110	111.5	0.025	0.6	0.0653	0.0127	0.76773
R12-33	AQA-13290	111.5	113	0.017	0.4	0.0366	0.014	0.53323
R12-33	AQA-13291	113	114.5	0.02	0.4	0.0329	0.0383	0.32311
R12-33	AQA-13292	114.5	116	0.02	0.2	0.0121	0.0976	0.11576
R12-33	AQA-13293	116	117.5	0.018	0.7	0.0157	0.0332	0.059763
R12-33	AQA-13294	117.5	119.05	0.051	0.1	0.0038	0.0355	0.070427
R12-34	AQA-13295	0	1.44	0.01	0.1	0.0086	0.954	0.0041187
R12-34	AQA-13296	1.44	3.2	0	0.05	0.0018	0.594	-0.0018513
R12-34	AQA-13297	3.2	4.57	0.013	0.1	0.0018	0.68	-0.002162
R12-34	AQA-13298	4.57	6.25	0	4.3	0.0047	0.515	-0.0024673
R12-34	AQA-13299	6.25	8.2	0.104	0.2	0.012	0.435	-0.0014293
R12-34	AQA-13300	8.2	9.45	0.03	80.5	0.0199	0.0391	0.14722
R12-34	AQA-13301	9.45	10.92	0.05	1.2	0.0041	0.0654	0.05578
R12-34	AQA-13302	10.92	12.65	0.034	4.3	0.009	0.621	0.0057375
R12-34	AQA-13303	12.65	13.6	0.012	0.1	0.004	0.284	0.036766
R12-34	AQA-13304	13.6	14.6	0.442	0.3	0.025	2.21	0.52726
R12-34	AQA-13305	14.6	15.69	0.011	0.4	0.0114	0.252	0.012683
R12-34	AQA-13306	15.69	17.04	0.509	2.7	0.184	2.14	0.16835
R12-34	AQA-13307	17.04	18.5	0.877	1.5	0.1044	0.117	1.6858

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-34	AQA-13308	18.5	20	0.337	0.4	0.0383	0.0158	1.1669
R12-34	AQA-13309	20	21	0.212	0.7	0.0602	0.0333	2.2609
R12-34	AQA-13310	21	22.5	0.068	0.2	0.017	0.0168	0.63529
R12-34	AQA-13311	22.5	24	0.103	0.6	0.043	0.00966	1.0808
R12-34	AQA-13312	24	25.58	0.046	0.2	0.0417	0.0502	0.78094
R12-34	AQA-13313	25.58	27	0.026	0.4	0.0542	0.0179	1.2592
R12-34	AQA-13316	27	28.5	0.032	0.6	0.0424	0.00861	0.94222
R12-34	AQA-13317	28.5	30	0.054	0.2	0.009	0.0238	0.15863
R12-34	AQA-13318	30	31.5	0.006	0.3	0.004	0.011	0.047694
R12-34	AQA-13319	31.5	33	0.037	0.2	0.0243	0.00966	0.47385
R12-34	AQA-13320	33	34.5	0.033	0.4	0.0125	0.00946	0.27525
R12-34	AQA-13321	34.5	36.07	0.302	0.2	0.0138	0.0729	0.66803
R12-34	AQA-13322	36.07	37.24	0.036	0.4	0.0327	0.0329	0.46737
R12-34	AQA-13323	37.24	38.3	0.073	0.8	0.064	0.0631	1.5482
R12-34	AQA-13324	38.3	39.5	0.015	0.6	0.0616	0.066	1.103
R12-34	AQA-13325	39.5	40.5	0.053	0.4	0.0479	0.0405	1.3955
R12-34	AQA-13326	40.5	42	0.062	0.2	0.0057	0.019	0.18962
R12-34	AQA-13327	42	43.4	0.028	0.2	0.0264	0.016	0.51442
R12-34	AQA-13328	43.4	44.5	0.094	0.2	0.0118	0.0104	0.31636
R12-34	AQA-13329	44.5	46	0.109	0.3	0.0124	0.0136	0.44129
R12-34	AQA-13330	46	47	0.06	0.2	0.0292	0.00568	1.2296
R12-34	AQA-13331	47	48.5	0.21	0.4	0.0383	0.0148	1.1164
R12-34	AQA-13332	48.5	50	0.067	0.2	0.0254	0.0252	0.74084
R12-34	AQA-13333	50	51	0.084	0.8	0.0868	0.0243	1.8868
R12-34	AQA-13334	51	52.5	0.043	0.3	0.0156	0.0278	0.46952
R12-34	AQA-13337	52.5	54	0	0.1	0.0105	0.0247	0.54412
R12-34	AQA-13338	54	55.5	0.013	0.1	0.0152	0.0112	0.49821
R12-34	AQA-13339	55.5	57	0	0.05	0.0051	0.0149	0.21632
R12-34	AQA-13340	57	58.5	0	0.2	0.0166	0.0114	0.73878
R12-34	AQA-13341	58.5	60	0	0.3	0.011	0.0123	0.42604
R12-34	AQA-13342	60	61.5	0	0.2	0.0278	0.00517	0.76685
R12-34	AQA-13343	61.5	62.5	0.014	0.6	0.0558	0.0137	1.2686
R12-34	AQA-13344	62.5	64	0.007	0.3	0.0345	0.0101	0.74951
R12-34	AQA-13345	64	65.09	0.013	0.2	0.0178	0.014	0.58821
R12-34	AQA-13346	65.09	66.45	0	0.1	0.0235	0.0221	0.74741
R12-34	AQA-13347	66.45	68	0	0.2	0.033	0.0439	0.90589
R12-34	AQA-13348	68	69.5	0.01	0.2	0.0267	0.0116	0.76353
R12-34	AQA-13349	69.5	70.65	0.012	0.5	0.0531	0.0167	1.1363
R12-34	AQA-13350	70.65	72	0.027	0.6	0.0536	0.0268	0.5974
R12-34	AQA-13351	72	73.2	0.053	0.8	0.0953	0.0536	1.3217
R12-34	AQA-13352	73.2	74.75	0.021	0.5	0.0643	0.0578	1.2489
R12-34	AQA-13353	74.75	75.75	0.017	0.7	0.1018	0.0323	1.7969
R12-34	AQA-13354	75.75	77	0.019	0.6	0.0803	0.018	1.417
R12-34	AQA-13355	77	78.5	0.013	0.3	0.0618	0.017	1.3465
R12-34	AQA-13358	78.5	80	0.017	0.5	0.0649	0.018	1.6408
R12-34	AQA-13359	80	81.38	0.032	0.5	0.101	0.0199	1.9032

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-34	AQA-13360	81.38	82.5	0.015	0.6	0.0872	0.0194	1.5924
R12-34	AQA-13361	82.5	84	0.022	0.9	0.1593	0.0124	2.6993
R12-34	AQA-13362	84	85.5	0.021	0.5	0.0764	0.00888	1.4084
R12-34	AQA-13363	85.5	87	0.03	0.7	0.1169	0.00811	2.0952
R12-34	AQA-13364	87	88.8	0.027	0.6	0.1029	0.0205	1.8544
R12-34	AQA-13365	88.8	90	0.011	0.2	0.0601	0.00877	1.5744
R12-34	AQA-13366	90	91.5	0.037	0.6	0.1081	0.0202	1.4655
R12-34	AQA-13367	91.5	93	0.029	0.5	0.0786	0.0115	1.7251
R12-34	AQA-13368	93	94.5	0.033	0.7	0.1192	0.0075	2.2524
R12-34	AQA-13369	94.5	96	0.022	0.6	0.1168	0.012	1.9295
R12-34	AQA-13370	96	97.46	0.027	0.7	0.1129	0.0175	1.7834
R12-34	AQA-13371	97.46	98.79	0.096	1.5	0.1658	0.0113	2.131
R12-34	AQA-13372	98.79	100.15	0.037	0.3	0.0293	0.0256	0.45171
R12-34	AQA-13373	100.15	101.5	0.021	0.05	0.0145	0.0115	0.39438
R12-34	AQA-13374	101.5	103	0.013	0.2	0.0495	0.00819	1.3315
R12-34	AQA-13375	103	104.5	0.009	0.3	0.0364	0.0095	1.0266
R12-34	AQA-13376	104.5	106	0.016	0.8	0.0446	0.00831	1.4241
R12-34	AQA-13379	106	107.5	0	0.4	0.0366	0.0419	1.1314
R12-34	AQA-13380	107.5	108.9	0.009	0.5	0.0389	0.0481	1.1127
R12-34	AQA-13381	108.9	110.32	0.02	0.4	0.0298	0.0698	0.57407
R12-34	AQA-13382	110.32	111.5	0.017	0.3	0.0472	0.0246	1.303
R12-34	AQA-13383	111.5	113	0.015	0.4	0.0604	0.00447	1.6769
R12-34	AQA-13384	113	114.25	0.017	0.5	0.0461	0.00592	1.1419
R12-34	AQA-13385	114.25	115.5	0.033	0.6	0.0856	0.0163	1.5593
R12-34	AQA-13386	115.5	117	0.029	0.4	0.0246	0.0063	0.68243
R12-34	AQA-13387	117	118	0.049	0.3	0.0267	0.00623	0.84276
R12-34	AQA-13388	118	119.5	0.018	0.2	0.0336	0.00463	0.80484
R12-34	AQA-13389	119.5	121	0.012	0.2	0.0252	0.0215	0.75528
R12-34	AQA-13390	121	122.5	0.026	0.05	0.0139	0.0127	0.62007
R12-34	AQA-13391	122.5	124.04	0.015	0.1	0.0238	0.013	0.81338
R12-34	AQA-13392	124.04	125	0.013	0.5	0.0088	0.00858	0.42395
R12-34	AQA-13393	125	126.5	0.032	0.7	0.0509	0.00641	1.3555
R12-34	AQA-13394	126.5	128	0.023	0.8	0.0748	0.00835	1.6453
R12-34	AQA-13395	128	129.58	0.041	1.2	0.1678	0.00927	2.5211
R12-34	AQA-13396	129.58	131.05	0.543	1.4	0.2129	0.038	1.8906
R12-34	AQA-13397	131.05	132.32	0.027	0.5	0.0973	0.00996	1.6071
R12-34	AQA-13400	132.32	133.5	0.027	0.7	0.1077	0.00974	2.2116
R12-34	AQA-13401	133.5	135	0.011	0.3	0.0611	0.0167	1.7091
R12-34	AQA-13402	135	136.5	0.011	0.05	0.0329	0.0117	0.94725
R12-34	AQA-13403	136.5	137.7	0.011	0.3	0.0679	0.00611	1.8089
R12-34	AQA-13404	137.7	139.33	0.032	0.2	0.0503	0.0118	1.3761
R12-34	AQA-13405	139.33	140.5	0	0.3	0.0195	0.00791	0.61714
R12-34	AQA-13406	140.5	142	0.022	0.2	0.0286	0.0114	0.80228
R12-34	AQA-13407	142	143.5	0.012	0.3	0.0143	0.0113	0.33336
R12-34	AQA-13408	143.5	145	0.012	0.3	0.0363	0.0146	0.59963
R12-34	AQA-13409	145	146.5	0.009	0.4	0.0447	0.0802	0.85515

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-34	AQA-13410	146.5	148	0.015	0.6	0.0703	0.0835	1.0314
R12-34	AQA-13411	148	149	0	0.05	0.0089	0.0369	0.088658
R12-34	AQA-13412	149	150.5	0.01	0.2	0.0046	0.0163	0.064748
R12-34	AQA-13413	150.5	152	0.057	0.4	0.0345	0.0506	0.38131
R12-34	AQA-13414	152	153	0.04	0.05	0.0099	0.034	0.30572
R12-34	AQA-13415	153	154.5	0	0.2	0.0026	0.0168	0.064014
R12-34	AQA-13416	154.5	156	0	0.05	0.0031	0.0176	0.11399
R12-34	AQA-13417	156	157.62	0	0.1	0.0058	0.0196	0.12073
R12-35	AQA-13418	0	1.22	0.014	0.05	0.0162	0.48	0.013266
R12-35	AQA-13419	1.22	2.44	0	0.05	0.0077	0.566	0.0099292
R12-35	AQA-13420	2.44	3.66	0	0.8	0.009	0.438	0.0046315
R12-35	AQA-13421	3.66	5.49	0	6.6	0.0085	0.508	0.0053055
R12-35	AQA-13422	5.49	6.86	0	1.3	0.0063	0.472	0.0008585
R12-35	AQA-13423	6.86	8.23	0	0.4	0.0036	0.392	0.0002033
R12-35	AQA-13424	8.23	9.3	0.009	0.05	0.0038	0.168	0.0008518
R12-35	AQA-13425	9.3	10.37	0	0.05	0.005	0.0324	0.01459
R12-35	AQA-13426	10.37	11.89	0	0.2	0.0066	0.0199	0.018399
R12-35	AQA-13427	11.89	12.95	0	0.05	0.0019	0.023	0.0063082
R12-35	AQA-13428	12.95	14.33	0.01	0.2	0.0036	0.128	0.020936
R12-35	AQA-13429	14.33	15.7	0.014	0.2	0.0059	0.524	0.16675
R12-35	AQA-13430	15.7	17.07	0.175	0.4	0.0683	0.416	0.10996
R12-35	AQA-13431	17.07	18.1	0.073	1.5	0.576	0.434	1.2413
R12-35	AQA-13432	18.1	19.2	0.176	0.8	0.0828	0.0273	1.9169
R12-35	AQA-13433	19.2	20.2	0.029	0.7	0.081	0.047	1.2867
R12-35	AQA-13434	20.2	21.5	0.053	1	0.1251	0.0214	1.6512
R12-35	AQA-13435	21.5	23	0.012	0.3	0.0213	0.0122	0.40405
R12-35	AQA-13436	23	24.5	0	0.1	0.0065	0.00893	0.19328
R12-35	AQA-13439	24.5	26	0.025	0.3	0.0114	0.0396	0.21502
R12-35	AQA-13440	26	27.5	0	0.2	0.0141	0.0352	0.24168
R12-35	AQA-13441	27.5	29	0	0.3	0.0195	0.0117	0.50648
R12-35	AQA-13442	29	30.5	0	0.2	0.0111	0.0149	0.35599
R12-35	AQA-13443	30.5	32	0	0.3	0.0275	0.0336	0.64822
R12-35	AQA-13444	32	33.5	0.018	0.2	0.02	0.0302	0.52403
R12-35	AQA-13445	33.5	35	0.02	0.4	0.0386	0.0505	0.89465
R12-35	AQA-13446	35	36.5	0.008	0.4	0.0411	0.0445	0.92728
R12-35	AQA-13447	36.5	38	0.031	0.3	0.0316	0.0281	0.64638
R12-35	AQA-13448	38	39.5	0.031	0.8	0.0978	0.0183	1.8565
R12-35	AQA-13449	39.5	40.75	0.021	0.5	0.0645	0.0271	1.0934
R12-35	AQA-13450	40.75	42	0.065	0.4	0.0419	0.0256	0.84356
R12-35	AQA-13451	42	43.25	0.067	0.5	0.0629	0.0184	1.141
R12-35	AQA-13452	43.25	44.5	0.012	0.3	0.0282	0.0231	0.7661
R12-35	AQA-13453	44.5	46	0.016	0.6	0.0802	0.0269	1.4031
R12-35	AQA-13454	46	47.5	0.015	0.5	0.0592	0.0338	1.0191
R12-35	AQA-13455	47.5	48.5	0.013	0.4	0.07	0.0209	1.4126
R12-35	AQA-13456	48.5	50	0.007	0.2	0.0319	0.0188	0.83884
R12-35	AQA-13457	50	51.2	0.01	0.5	0.0522	0.0161	1.3995

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R12-35	AQA-13460	51.2	52.5	0.014	0.6	0.0619	0.0121	1.1565
R12-35	AQA-13461	52.5	54	0.01	0.6	0.0595	0.0185	1.1217
R12-35	AQA-13462	54	55.5	0.011	0.7	0.0739	0.0149	1.4871
R12-35	AQA-13463	55.5	57	0.015	0.8	0.0688	0.0338	1.3342
R12-35	AQA-13464	57	58.5	0.009	0.2	0.0516	0.0307	1.0456
R12-35	AQA-13465	58.5	60	0.01	0.5	0.0679	0.0198	0.9746
R12-35	AQA-13466	60	61.5	0.008	0.5	0.0556	0.018	1.3623
R12-35	AQA-13467	61.5	62.5	0.029	1.4	0.1886	0.0616	1.6391
R12-35	AQA-13468	62.5	64	0.007	0.4	0.0569	0.0178	0.70648
R12-35	AQA-13469	64	65.5	0.007	0.3	0.029	0.0148	0.60728
R12-35	AQA-13470	65.5	66.5	0	0.3	0.0381	0.00349	0.97931
R12-35	AQA-13471	66.5	67.83	0.011	0.6	0.0671	0.0155	1.4956
R12-35	AQA-13472	67.83	69	0.011	0.7	0.0939	0.0462	1.2393
R12-35	AQA-13473	69	70	0.005	0.2	0.0421	0.0811	0.76133
R12-35	AQA-13474	70	71.63	0.013	0.4	0.0559	0.0252	0.73703
R12-35	AQA-13475	71.63	72.75	0.031	0.8	0.137	0.00516	2.8624
R12-35	AQA-13476	72.75	74	0.017	0.5	0.0896	0.023	1.4322
R12-35	AQA-13477	74	75.29	0.05	0.6	0.1253	0.0327	1.4288
R12-35	AQA-13478	75.29	76.7	0.067	0.9	0.1873	0.00711	2.4346
R12-35	AQA-13481	76.7	78.2	0.022	0.6	0.0947	0.00965	1.6306
R12-35	AQA-13482	78.2	79.5	0.052	1	0.1762	0.00178	2.6691
R12-35	AQA-13483	79.5	81	0.038	1	0.1383	0.0117	1.9797
R12-35	AQA-13484	81	82.5	0.008	0.4	0.041	0.00978	0.77333
R12-35	AQA-13485	82.5	83.5	0	0.2	0.0162	0.0036	0.52441
R12-35	AQA-13486	83.5	84.7	0	0.3	0.0483	0.0147	0.84117
R12-35	AQA-13487	84.7	86	0	0.3	0.0473	0.0215	0.93752
R12-35	AQA-13488	86	87.48	0.006	0.4	0.0479	0.0239	1.28
R12-35	AQA-13489	87.48	89	0	0.5	0.0424	0.0208	0.97802
R12-35	AQA-13490	89	90	0.01	0.2	0.0689	0.031	1.1846
R12-35	AQA-13491	90	91	0.025	0.9	0.1389	0.0111	1.7345
R12-35	AQA-13492	91	92.5	0.016	0.9	0.0948	0.0145	1.3798
R12-35	AQA-13493	92.5	93.57	0.029	1.7	0.1268	0.067	1.4065
R12-35	AQA-13494	93.57	95	0.01	0.6	0.0706	0.034	1.0813
R12-35	AQA-13495	95	96.62	0.027	0.6	0.0777	0.0467	1.1897
R12-35	AQA-13496	96.62	98	0	0.7	0.0654	0.0396	1.0873
R12-35	AQA-13497	98	99.5	0.024	0.6	0.0732	0.017	1.1622
R12-35	AQA-13498	99.5	101	0.009	0.4	0.0462	0.0125	0.86563
R12-35	AQA-13499	101	102.43	0	0.1	0.0081	0.0153	0.22785
R12-35	AQA-13502	102.43	104	0	0.1	0.0122	0.0783	0.2641
R12-35	AQA-13503	104	105	0.005	0.3	0.0437	0.0935	1.2792
R12-35	AQA-13504	105	106	0	0.3	0.0299	0.0718	0.67374
R12-35	AQA-13505	106	107	0.008	0.4	0.0439	0.0733	0.48563
R12-35	AQA-13506	107	108.53	0.038	0.5	0.048	0.0464	0.98016
R12-35	AQA-13507	108.53	109.55	0.027	0.5	0.0516	0.0346	0.91273
R12-35	AQA-13508	109.55	110.83	0.04	0.6	0.0557	0.0276	0.66969
R12-35	AQA-13509	110.83	112	0.234	0.5	0.0477	0.0264	0.63237

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R12-35	AQA-13510	112	113.4	0.087	0.8	0.0545	0.0174	0.55853
R12-35	AQA-13511	113.4	114.5	0.346	0.9	0.0861	0.0237	0.88946
R12-35	AQA-13512	114.5	115.25	0.069	0.9	0.0748	0.0143	0.69436
R12-35	AQA-13513	115.25	116.8	0.005	0.2	0.0221	0.0191	0.4584
R12-35	AQA-13514	116.8	118	0.014	0.5	0.0352	0.01	0.67236
R12-35	AQA-13515	118	119.5	0	0.4	0.0302	0.023	0.52336
R12-35	AQA-13516	119.5	120.85	0	0.6	0.034	0.0233	0.62754
R12-35	AQA-13517	120.85	122	0.023	1.3	0.1011	0.0333	2.3271
R12-35	AQA-13518	122	123.5	0.007	0.7	0.0379	0.036	0.72267
R12-35	AQA-13519	123.5	125	0.019	0.5	0.0287	0.0261	0.48581
R12-35	AQA-13520	125	126	0.011	0.4	0.0206	0.0358	0.43044
R12-35	AQA-13523	126	127	0.005	0.4	0.0364	0.047	0.78987
R12-35	AQA-13524	127	128.45	0	0.8	0.048	0.0603	1.0549
R12-35	AQA-13525	128.45	130	0	0.7	0.0206	0.0759	0.72099
R12-35	AQA-13526	130	131.5	0	0.3	0.0108	0.0703	0.55532
R12-35	AQA-13527	131.5	133	0	0.2	0.0106	0.069	0.37502
R12-35	AQA-13528	133	134.25	0.058	0.8	0.0338	0.0701	0.69046
R12-35	AQA-13529	134.25	135.8	0	0.4	0.0048	0.1	0.095069
R12-35	AQA-13530	135.8	137	0	0.2	0.0057	0.0586	0.054895
R12-35	AQA-13531	137	138	0.007	0.3	0.005	0.059	0.061024
R12-35	AQA-13532	138	139.33	0	0.3	0.0102	0.132	0.19222
R12-36	AQA-13533	0	1.52	0.007	0.05	0.0049	1.39	0.014596
R12-36	AQA-13534	1.52	3.05	0.162	0.05	0.0045	0.505	0.0025756
R12-36	AQA-13535	3.05	4.57	0.199	0.05	0.0042	0.236	0.0014275
R12-36	AQA-13536	4.57	6.1	0.176	0.05	0.0031	0.294	-0.0006047
R12-36	AQA-13537	6.1	7.32	0.246	0.05	0.0048	0.309	-0.0001997
R12-36	AQA-13538	7.32	8.54	0.169	0.2	0.0079	0.316	-0.0007921
R12-36	AQA-13539	8.54	10.35	0.057	0.1	0.008	0.421	0.0086342
R12-36	AQA-13540	10.35	12.19	0.012	0.05	0.0083	0.344	0.030123
R12-36	AQA-13541	12.19	13.26	0.041	0.05	0.0074	0.706	0.0269
R12-36	AQA-13542	13.26	14.63	0	0.2	0.0265	0.774	0.073746
R12-36	AQA-13543	14.63	16.13	0.108	1.1	0.0396	0.843	0.89335
R12-36	AQA-13544	16.13	17.68	0.25	0.8	0.1933	0.253	0.72223
R12-36	AQA-13545	17.68	19	0.011	0.2	0.0273	0.0767	0.70102
R12-36	AQA-13546	19	20.55	0.011	0.2	0.0185	0.0244	0.54495
R12-36	AQA-13547	20.55	22.05	0.036	0.5	0.0485	0.0321	1.2136
R12-36	AQA-13548	22.05	23.63	0.033	0.4	0.0421	0.0341	0.85836
R12-36	AQA-13549	23.63	25	0.06	0.3	0.0331	0.0383	0.83476
R12-36	AQA-13550	25	26.2	0.033	0.2	0.0228	0.0163	0.68694
R12-36	AQA-13551	26.2	27.2	0.023	0.4	0.043	0.0232	1.6529
R12-36	AQA-13554	27.2	28.5	0.014	0.05	0.0129	0.0215	0.61228
R12-36	AQA-13555	28.5	30	0.01	0.2	0.0194	0.0216	0.89485
R12-36	AQA-13556	30	31	0.02	0.2	0.0088	0.0276	1.1609
R12-36	AQA-13557	31	32.3	0.027	0.3	0.0274	0.0155	1.0121
R12-36	AQA-13558	32.3	33.2	0.02	0.2	0.0384	0.0297	0.87467
R12-36	AQA-13559	33.2	34.5	0.306	1.2	0.1596	0.0186	3.2504

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R12-36	AQA-13560	34.5	35.5	0.168	1.3	0.1717	0.0286	3.7231
R12-36	AQA-13561	35.5	37	0.092	0.9	0.1212	0.031	1.8884
R12-36	AQA-13562	37	38	0.317	1.5	0.1866	0.0332	3.5892
R12-36	AQA-13563	38	39	0.164	1.2	0.1509	0.0387	2.8493
R12-36	AQA-13564	39	39.91	0.245	1.4	0.159	0.047	3.1024
R12-36	AQA-13565	39.91	41	0.748	0.9	0.0991	0.0233	2.6127
R12-36	AQA-13566	41	42.5	0.246	1.5	0.1751	0.0169	2.9531
R12-36	AQA-13567	42.5	44	0.378	1.9	0.1484	0.0251	2.4669
R12-36	AQA-13568	44	45.5	0.09	1	0.1085	0.015	2.0035
R12-36	AQA-13569	45.5	46.52	0.276	1.7	0.1064	0.00531	7.0137
R12-36	AQA-13570	46.52	47.75	0.118	0.9	0.1048	0.0156	1.843
R12-36	AQA-13571	47.75	48.75	0.057	0.8	0.0723	0.0154	1.3601
R12-36	AQA-13572	48.75	50	0.062	0.5	0.0574	0.0144	1.2289
R12-36	AQA-13575	50	51.4	0.058	0.5	0.0585	0.033	0.9039
R12-36	AQA-13576	51.4	53	0.061	0.5	0.0664	0.0375	1.1506
R12-36	AQA-13577	53	54.5	0.084	0.6	0.0982	0.022	1.4386
R12-36	AQA-13578	54.5	56	0.263	1.5	0.1742	0.00922	2.6817
R12-36	AQA-13579	56	57.5	0.125	0.7	0.1072	0.0213	1.5924
R12-36	AQA-13580	57.5	59	0.102	0.3	0.0321	0.0136	0.72895
R12-36	AQA-13581	59	60.5	0.457	0.2	0.0363	0.0198	0.8238
R12-36	AQA-13582	60.5	61.5	0.174	0.9	0.1125	0.0504	1.8321
R12-36	AQA-13583	61.5	62.7	0.089	0.5	0.0946	0.0506	2.2735
R12-36	AQA-13584	62.7	64	0.787	0.5	0.0881	0.0424	2.3628
R12-36	AQA-13585	64	65.07	0.205	0.2	0.0505	0.0294	1.0374
R12-36	AQA-13586	65.07	66.53	0.198	0.05	0.0348	0.0288	0.90507
R12-36	AQA-13587	66.53	68	0.107	0.2	0.0435	0.0139	1.0458
R12-36	AQA-13588	68	69.49	0.093	0.05	0.0194	0.00826	0.52273
R12-36	AQA-13589	69.49	70.65	0.285	0.2	0.0293	0.0102	0.63989
R12-36	AQA-13590	70.65	72.2	0.058	0.2	0.0199	0.00345	0.68762
R12-36	AQA-13591	72.2	73.5	0.083	0.05	0.0223	0.0169	0.79426
R12-36	AQA-13592	73.5	75	0.08	0.05	0.0067	0.0571	0.23424
R12-36	AQA-13593	75	76.5	1.174	0.5	0.0238	0.0202	0.93933
R12-36	AQA-13596	76.5	78	0.106	0.4	0.03	0.0119	0.78819
R12-36	AQA-13597	78	79.5	0.128	0.3	0.006	0.00703	0.24468
R12-36	AQA-13598	79.5	81	0.07	0.3	0.0189	0.0112	0.64648
R12-36	AQA-13599	81	82.5	0.062	0.3	0.0117	0.00801	0.38669
R12-36	AQA-13600	82.5	83.66	0.099	0.4	0.0343	0.0183	0.65429
R12-36	AQA-13601	83.66	84.66	0.039	0.3	0.0175	0.0187	0.65655
R12-36	AQA-13602	84.66	86	0.065	0.5	0.0398	0.00481	1.1206
R12-36	AQA-13603	86	87.27	0.021	0.4	0.0355	0.00926	0.94778
R12-36	AQA-13604	87.27	88.4	0.025	0.7	0.0599	0.0217	1.273
R12-36	AQA-13605	88.4	89.5	0.063	1.4	0.17	0.00881	3.3181
R12-36	AQA-13606	89.5	90.55	0.025	1	0.1383	0.0213	2.76
R12-36	AQA-13607	90.55	91.55	0.045	1.5	0.2035	0.00983	3.2018
R12-36	AQA-13608	91.55	92.55	0.048	1.6	0.217	0.0232	3.9683
R12-36	AQA-13609	92.55	94	0.02	1.1	0.1313	0.0109	2.341

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-36	AQA-13610	94	95	0.024	0.9	0.1237	0.0156	2.329
R12-36	AQA-13611	95	96.3	0.021	0.7	0.0788	0.0286	1.4004
R12-36	AQA-13612	96.3	97.42	0.022	0.9	0.1104	0.0142	2.0783
R12-36	AQA-13613	97.42	99	0.027	0.9	0.1085	0.0139	1.9053
R12-36	AQA-13614	99	100	0.027	1.1	0.1265	0.0259	2.2987
R12-36	AQA-13617	100	101.4	0.029	0.9	0.1248	0.0197	2.3117
R12-36	AQA-13618	101.4	102.77	0.026	1	0.1291	0.0232	2.088
R12-36	AQA-13619	102.77	104	0.016	0.7	0.0744	0.0282	1.2006
R12-36	AQA-13620	104	105	0.04	1	0.1627	0.00876	2.3069
R12-36	AQA-13621	105	106.46	0.036	1.1	0.1426	0.0141	1.8047
R12-36	AQA-13622	106.46	108	0.034	1.4	0.1355	0.0151	1.8989
R12-36	AQA-13623	108	109.5	0.046	1.3	0.1616	0.0136	1.9775
R12-36	AQA-13624	109.5	111.1	0.061	1.6	0.1798	0.0104	2.1236
R12-36	AQA-13625	111.1	112.5	0.048	1.3	0.1609	0.0173	2.0913
R12-36	AQA-13626	112.5	113.97	0.049	1.1	0.1181	0.0142	1.771
R12-36	AQA-13627	113.97	115.21	0.065	1.3	0.1337	0.0127	1.7722
R12-36	AQA-13628	115.21	116.5	0.017	1.1	0.1377	0.0124	1.8203
R12-36	AQA-13629	116.5	118	0.008	0.4	0.0417	0.0121	0.94257
R12-36	AQA-13630	118	119.35	0.009	0.7	0.0695	0.0113	1.4735
R12-36	AQA-13631	119.35	120.6	0.017	0.7	0.0695	0.00934	1.2824
R12-36	AQA-13632	120.6	121.95	0.017	0.8	0.0944	0.0148	1.9304
R12-36	AQA-13633	121.95	123.13	0.045	0.6	0.039	0.0736	0.51597
R12-36	AQA-13634	123.13	124.5	0.016	0.8	0.0722	0.0249	1.6556
R12-36	AQA-13635	124.5	126	0.01	0.5	0.0428	0.0155	0.80224
R12-36	AQA-13638	126	127.5	0.035	0.6	0.0502	0.0114	1.3252
R12-36	AQA-13639	127.5	129.12	0.011	0.5	0.0372	0.0144	0.87512
R12-36	AQA-13640	129.12	130.49	0.007	0.6	0.0514	0.0184	1.1318
R12-36	AQA-13641	130.49	132	0.01	0.7	0.0565	0.0251	1.2646
R12-36	AQA-13642	132	133.54	0.113	0.9	0.0645	0.0302	1.2884
R12-36	AQA-13643	133.54	135	0.035	1.3	0.1178	0.0466	2.0406
R12-36	AQA-13644	135	136.5	0.028	1.4	0.1235	0.0404	2.0709
R12-36	AQA-13645	136.5	138	0.054	1.4	0.1206	0.0342	1.8655
R12-36	AQA-13646	138	139.44	0.049	1.7	0.1309	0.0193	1.2025
R12-36	AQA-13647	139.44	140.75	0.276	4.2	0.2137	0.0518	0.88351
R12-36	AQA-13648	140.75	141.75	0.312	7.1	0.4683	0.0418	3.5426
R12-36	AQA-13649	141.75	142.75	0.197	6.3	0.3844	0.0507	1.7225
R12-36	AQA-13650	142.75	143.95	0.122	2.3	0.1438	0.0628	1.0356
R12-36	AQA-13651	143.95	144.96	0.249	2.6	0.0677	0.0563	0.78232
R12-36	AQA-13652	144.96	146.52	0	0.2	0.0119	0.0934	0.25697
R12-36	AQA-13653	146.52	148	0.055	0.9	0.0392	0.0977	0.22251
R12-36	AQA-13654	148	149.5	0.009	0.3	0.0185	0.0656	0.17973
R12-36	AQA-13655	149.5	151	0.01	0.05	0.0122	0.0769	0.26127
R12-36	AQA-13656	151	152.5	0	0.1	0.0147	0.098	0.20594
R12-36	AQA-13659	152.5	153.5	0.016	0.2	0.0146	0.0773	0.20763
R12-36	AQA-13660	153.5	154.88	0.036	0.2	0.008	0.08	0.058643
R12-37	AQA-13661	0	1.52	0.014	0.05	0.006	0.24	0.019932

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-37	AQA-13662	1.52	2.74	0.017	0.05	0.0075	0.24	0.0081741
R12-37	AQA-13663	2.74	4.27	0	5.5	0.0087	0.337	0.0054029
R12-37	AQA-13664	4.27	5.49	0	0.5	0.0114	0.343	0.0042781
R12-37	AQA-13665	5.49	7	0.009	0.05	0.0027	0.418	0.0019178
R12-37	AQA-13666	7	8.23	0.144	0.05	0.003	0.386	0.0004857
R12-37	AQA-13667	8.23	9.76	0.271	0.05	0.0045	0.384	-0.002122
R12-37	AQA-13668	9.76	11.13	0	0.4	0.0021	0.19	0.0015889
R12-37	AQA-13669	11.13	12.25	0.021	0.2	0.0022	0.157	0.0018462
R12-37	AQA-13670	12.25	13.46	0.083	0.2	0.0114	0.203	0.0083056
R12-37	AQA-13671	13.46	15	0.008	0.6	0.0094	0.146	0.2231
R12-37	AQA-13672	15	16.5	0.014	0.5	0.0265	0.035	0.4135
R12-37	AQA-13673	16.5	18	0.042	0.9	0.0588	0.0256	1.1741
R12-37	AQA-13674	18	19.5	0.016	0.8	0.0196	0.0518	0.58213
R12-37	AQA-13675	19.5	21	0.009	0.6	0.006	0.053	0.1964
R12-37	AQA-13676	21	22.5	0.034	0.6	0.0176	0.0766	0.57018
R12-37	AQA-13677	22.5	24	0.023	0.5	0.0046	0.0189	0.13607
R12-37	AQA-13678	24	25	0.102	1.3	0.0699	0.0826	1.2416
R12-37	AQA-13679	25	26.5	0.125	1.2	0.0539	0.0343	0.91727
R12-37	AQA-13682	26.5	28	0.023	0.9	0.0139	0.0808	0.37478
R12-37	AQA-13683	28	29.5	0.034	1.1	0.0419	0.0497	0.77333
R12-37	AQA-13684	29.5	31	0.012	0.9	0.0206	0.0225	0.64378
R12-37	AQA-13685	31	32.2	0.02	1.1	0.0263	0.00933	1.1143
R12-37	AQA-13686	32.2	33.5	0.044	1.5	0.0865	0.00398	1.6886
R12-37	AQA-13687	33.5	35	0.027	1.3	0.0711	0.00864	1.3971
R12-37	AQA-13688	35	36.5	0.027	1.1	0.0554	0.0117	1.0057
R12-37	AQA-13689	36.5	37.5	0.07	1.8	0.1402	0.00136	2.8006
R12-37	AQA-13690	37.5	38.5	0.069	1.5	0.0993	0.00542	1.8414
R12-37	AQA-13691	38.5	40	0.031	0.4	0.0537	0.00468	1.2335
R12-37	AQA-13692	40	41.5	0.045	0.4	0.0426	0.0109	0.99953
R12-37	AQA-13693	41.5	43	0.16	0.3	0.0247	0.0139	0.61943
R12-37	AQA-13694	43	44.5	0.076	0.3	0.0089	0.00952	0.22511
R12-37	AQA-13695	44.5	46	0.07	0.1	0.0062	0.00953	0.22643
R12-37	AQA-13696	46	47.1	0.055	0.4	0.0481	0.0431	1.1972
R12-37	AQA-13697	47.1	48	0.091	0.9	0.0864	0.169	1.9208
R12-37	AQA-13698	48	49	0.027	0.4	0.024	0.106	0.54103
R12-37	AQA-13699	49	50.5	0.045	0.6	0.0192	0.0199	0.55297
R12-37	AQA-13700	50.5	52	0.017	0.4	0.0107	0.0157	0.32202
R12-37	AQA-13703	52	53.5	0.041	0.5	0.0056	0.0676	0.16719
R12-37	AQA-13704	53.5	55	0.112	0.3	0.0149	0.041	0.36959
R12-37	AQA-13705	55	56.5	0.043	0.3	0.0293	0.076	0.67421
R12-37	AQA-13706	56.5	57.5	0.065	0.4	0.0444	0.0363	0.89886
R12-37	AQA-13707	57.5	59	0.023	0.4	0.0044	0.0191	0.12279
R12-37	AQA-13708	59	60.5	0.596	0.4	0.0254	0.0942	0.77615
R12-37	AQA-13709	60.5	62	0.088	0.6	0.0515	0.0758	1.3019
R12-37	AQA-13710	62	63.5	0.29	0.6	0.0552	0.0633	1.5891
R12-37	AQA-13711	63.5	64.9	0.026	0.6	0.0512	0.0158	1.2515

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-37	AQA-13712	64.9	66.5	1.956	0.6	0.0445	0.02	1.1824
R12-37	AQA-13713	66.5	68	0.237	0.4	0.0242	0.0124	0.75783
R12-37	AQA-13714	68	69.46	0.014	0.2	0.0091	0.014	0.19682
R12-37	AQA-13715	69.46	71	0.013	0.05	0.0077	0.00473	0.15562
R12-37	AQA-13716	71	72.41	0.055	0.3	0.0263	0.0316	0.59899
R12-37	AQA-13717	72.41	73.44	0.224	0.8	0.1102	0.0307	3.5289
R12-37	AQA-13718	73.44	74.55	0.028	0.4	0.0285	0.0435	0.54787
R12-37	AQA-13719	74.55	76	0.025	0.2	0.0077	0.0236	0.10083
R12-37	AQA-13720	76	77.28	0.019	0.05	0.0133	0.031	0.17131
R12-37	AQA-13721	77.28	78.4	0.062	0.5	0.0606	0.0361	1.191
R12-37	AQA-13724	78.4	79.45	0.151	1.1	0.2059	0.0182	3.2879
R12-37	AQA-13725	79.45	80.6	0.145	0.6	0.13	0.0153	1.9147
R12-37	AQA-13726	80.6	81.71	0.414	0.8	0.1034	0.0129	3.226
R12-37	AQA-13727	81.71	82.82	0.192	1.2	0.2099	0.0503	3.5964
R12-37	AQA-13728	82.82	84	0.068	0.05	0.0259	0.0159	0.65006
R12-37	AQA-13729	84	85.5	0.048	0.4	0.0249	0.00929	1.0155
R12-37	AQA-13730	85.5	87	0.068	0.5	0.0321	0.0114	1.1405
R12-37	AQA-13731	87	88.5	0.071	0.4	0.0355	0.00624	1.1101
R12-37	AQA-13732	88.5	90	0.074	0.5	0.0518	0.0115	1.2683
R12-37	AQA-13733	90	91.5	0.406	0.4	0.0736	0.0142	1.8499
R12-37	AQA-13734	91.5	93	0.149	0.4	0.0727	0.0154	2.0965
R12-37	AQA-13735	93	94.5	0.441	0.4	0.081	0.0375	2.0274
R12-37	AQA-13736	94.5	95.5	0.239	0.5	0.0856	0.0257	1.9368
R12-37	AQA-13737	95.5	96.5	0.941	0.5	0.0953	0.0247	2.5901
R12-37	AQA-13738	96.5	97.43	0.532	0.5	0.0942	0.0328	2.7639
R12-37	AQA-13739	97.43	99	0.195	0.7	0.1208	0.0186	2.9744
R12-37	AQA-13740	99	100	0.53	0.6	0.1164	0.0084	3.1071
R12-37	AQA-13741	100	101.5	0.053	0.2	0.0232	0.0542	0.67989
R12-37	AQA-13742	101.5	103.05	0.277	0.4	0.0597	0.0106	1.1873
R12-37	AQA-13745	103.05	104.5	1.201	0.4	0.0588	0.0214	1.1635
R12-37	AQA-13746	104.5	106	0.202	0.7	0.1126	0.0306	2.334
R12-37	AQA-13747	106	107.48	0.502	0.5	0.0755	0.0212	1.6525
R12-37	AQA-13748	107.48	109	0.084	0.7	0.1214	0.016	2.9607
R12-37	AQA-13749	109	110.56	0.125	0.9	0.164	0.0242	3.9359
R12-37	AQA-13750	110.56	112	0.124	0.9	0.2311	0.0338	4.6152
R12-37	AQA-13751	112	113.56	0.064	1	0.1929	0.03	4.0095
R12-37	AQA-13752	113.56	115	0.057	0.6	0.1347	0.016	3.0473
R12-37	AQA-13753	115	116	0.059	0.7	0.1496	0.0154	2.6535
R12-37	AQA-13754	116	117.5	0.084	0.9	0.1604	0.013	2.6601
R12-37	AQA-13755	117.5	119	0.329	1	0.2081	0.0123	3.4844
R12-37	AQA-13756	119	120.35	0.079	0.8	0.1399	0.0178	2.7033
R12-37	AQA-13757	120.35	121.5	0.36	1.1	0.1982	0.0207	2.779
R12-37	AQA-13758	121.5	122.5	0.223	1	0.1472	0.013	2.6813
R12-37	AQA-13759	122.5	123.6	0.86	1.1	0.1317	0.0269	1.9886
R12-37	AQA-13760	123.6	124.84	1.066	0.9	0.1231	0.0103	1.658
R12-37	AQA-13761	124.84	125.85	0.918	1.4	0.1151	0.037	1.4872

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-37	AQA-13762	125.85	126.95	0.264	1.3	0.1257	0.0476	1.5073
R12-37	AQA-13763	126.95	128	1.182	3.5	0.3941	0.035	3.7808
R12-37	AQA-13766	128	129	0.504	2	0.2648	0.0114	3.6961
R12-37	AQA-13767	129	130	0.256	1.1	0.1423	0.0199	1.5748
R12-37	AQA-13768	130	131.03	0.162	0.7	0.0796	0.0416	0.76858
R12-37	AQA-13769	131.03	132.5	0.035	0.05	0.0116	0.0231	0.16273
R12-37	AQA-13770	132.5	134	0	0.05	0.0042	0.00601	0.047193
R12-37	AQA-13771	134	135.5	0	0.2	0.0022	0.012	0.033393
R12-37	AQA-13772	135.5	137	0.008	0.05	0.0148	0.0063	0.26571
R12-37	AQA-13773	137	138.5	0.047	0.5	0.0514	0.00917	0.81401
R12-37	AQA-13774	138.5	140	0.019	0.3	0.0259	0.0371	0.45441
R12-37	AQA-13775	140	141.5	0	0.2	0.003	0.0151	0.040098
R12-37	AQA-13776	141.5	143	0.188	0.2	0.0004	0.0132	0.01273
R12-37	AQA-13777	143	145.01	0.061	0.4	0.0291	0.014	0.39516
R12-37	AQA-13778	145.01	147	0.009	0.4	0.0216	0.0127	0.31076
R12-37	AQA-13779	147	149	0	0.05	0.0046	0.0179	0.048192
R12-37	AQA-13780	149	150.5	0	0.1	0.0088	0.0241	0.27989
R12-37	AQA-13781	150.5	152	0.052	0.8	0.059	0.0614	0.62487
R12-37	AQA-13782	152	154	0.035	1.1	0.0775	0.00903	0.29889
R12-37	AQA-13783	154	156	0.008	0.4	0.024	0.0224	0.055134
R12-37	AQA-13784	156	157.92	0.037	0.3	0.0027	0.066	0.037303
R12-38	AQA-13785	0	1.22	0.01	0.1	0.0136	1.74	0.025087
R12-38	AQA-13786	1.22	2.74	0	0.2	0.0064	0.577	0.0023321
R12-38	AQA-13787	2.74	4.27	0	3.1	0.005	0.435	0.0009267
R12-38	AQA-13788	4.27	5.79	0	38.4	0.0136	0.268	0.0036381
R12-38	AQA-13789	5.79	7.01	0	2.6	0.005	0.446	0.0031715
R12-38	AQA-13790	7.01	8.54	0	2.6	0.0057	0.409	-0.000675
R12-38	AQA-13791	8.54	9.76	0.077	0.05	0.0048	0.433	-0.000538
R12-38	AQA-13792	9.76	11.59	0.096	0.05	0.005	0.441	0.0011252
R12-38	AQA-13793	11.59	13	0.064	0.05	0.0041	0.207	0.000195
R12-38	AQA-13794	13	14.64	0.052	0.1	0.0033	0.189	0.0022879
R12-38	AQA-13795	14.64	16.31	0.011	0.2	0.0038	0.362	0.0059432
R12-38	AQA-13796	16.31	18.1	0.146	1.2	0.0879	2.17	0.052056
R12-38	AQA-13797	18.1	19.3	0.013	5.4	0.1031	0.47	1.3075
R12-38	AQA-13798	19.3	20.5	0.029	1	0.059	0.611	1.9923
R12-38	AQA-13799	20.5	22	0.017	0.2	0.0133	0.0723	0.59437
R12-38	AQA-13800	22	23.5	0.022	0.3	0.0354	0.057	1.203
R12-38	AQA-13801	23.5	25	0.006	0.05	0.0092	0.0501	0.43803
R12-38	AQA-13802	25	26.5	0.022	0.2	0.0233	0.0248	0.93205
R12-38	AQA-13803	26.5	28	0.006	0.05	0.0061	0.0237	0.30284
R12-38	AQA-13806	28	29.5	0.006	0.05	0.0077	0.0379	0.34582
R12-38	AQA-13807	29.5	31	0.015	0.6	0.0368	0.0782	0.84417
R12-38	AQA-13808	31	32.5	0.013	0.3	0.0419	0.0646	0.79545
R12-38	AQA-13809	32.5	34	0.019	0.5	0.0446	0.0404	1.3371
R12-38	AQA-13810	34	35.5	0.012	0.5	0.0248	0.0359	1.0147
R12-38	AQA-13811	35.5	37	0.018	0.6	0.0361	0.0295	1.3258

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-38	AQA-13812	37	38.5	0.053	0.05	0.014	0.0236	0.52951
R12-38	AQA-13813	38.5	40	0.014	0.4	0.0464	0.0125	1.2404
R12-38	AQA-13814	40	41.5	0	0.1	0.0161	0.0209	0.55
R12-38	AQA-13815	41.5	43	0.009	0.05	0.0259	0.0181	1.063
R12-38	AQA-13816	43	44.5	0.032	0.1	0.0344	0.0106	1.5741
R12-38	AQA-13817	44.5	45.5	0.023	0.4	0.0301	0.00745	0.63742
R12-38	AQA-13818	45.5	47	0.026	0.3	0.0218	0.00922	0.73268
R12-38	AQA-13819	47	48.17	0.148	0.05	0.0553	0.012	1.6448
R12-38	AQA-13820	48.17	49.7	0.071	0.2	0.016	0.00295	0.60368
R12-38	AQA-13821	49.7	51	0.03	0.2	0.0207	0.00787	0.6724
R12-38	AQA-13822	51	52.5	0.032	0.2	0.0191	0.0118	0.80183
R12-38	AQA-13823	52.5	54	0.039	0.2	0.0122	0.0104	0.46883
R12-38	AQA-13824	54	55.5	0.01	0.05	0.0077	0.00823	0.27264
R12-38	AQA-13827	55.5	57.01	0.014	0.05	0.0073	0.0686	0.53769
R12-38	AQA-13828	57.01	58.5	0.019	0.05	0.0126	0.00827	0.51691
R12-38	AQA-13829	58.5	60	0.071	0.05	0.0113	0.0154	0.55993
R12-38	AQA-13830	60	61.5	0.133	0.05	0.018	0.0131	0.66722
R12-38	AQA-13831	61.5	63	0.169	0.05	0.025	0.0149	0.61083
R12-38	AQA-13832	63	64.5	0.124	0.05	0.018	0.0272	0.76445
R12-38	AQA-13833	64.5	66	0.169	0.05	0.0246	0.0204	1.056
R12-38	AQA-13834	66	67.5	0.055	0.05	0.0177	0.0172	0.61262
R12-38	AQA-13835	67.5	69	0.067	0.05	0.0176	0.0383	0.47576
R12-38	AQA-13836	69	70.5	0.044	0.05	0.0318	0.0145	0.84756
R12-38	AQA-13837	70.5	71.5	0.085	0.4	0.0561	0.00886	1.618
R12-38	AQA-13838	71.5	73	0.019	0.05	0.008	0.00468	0.27517
R12-38	AQA-13839	73	74.5	0.068	0.05	0.0076	0.00624	0.27676
R12-38	AQA-13840	74.5	76	0.027	0.05	0.0065	0.00566	0.23199
R12-38	AQA-13841	76	77.5	0.031	0.05	0.0101	0.0124	0.40672
R12-38	AQA-13842	77.5	79	0.041	0.05	0.0094	0.00834	0.31745
R12-38	AQA-13843	79	80.5	0.034	0.05	0.0095	0.0109	0.34402
R12-38	AQA-13844	80.5	81.69	0.859	0.3	0.0448	0.00695	1.1377
R12-38	AQA-13845	81.69	82.7	0.085	0.4	0.0636	0.00706	2.3509
R12-38	AQA-13848	82.7	84	0.037	0.2	0.021	0.0132	1.3394
R12-38	AQA-13849	84	85.5	0.206	0.1	0.0081	0.0328	0.30983
R12-38	AQA-13850	85.5	86.5	0.73	0.05	0.0109	0.0289	0.48837
R12-38	AQA-13851	86.5	87.58	0.56	0.2	0.0094	0.0333	0.42148
R12-38	AQA-13852	87.58	89	0.299	0.1	0.0285	0.053	1.0231
R12-38	AQA-13853	89	90.5	0.082	0.1	0.019	0.0597	0.63687
R12-38	AQA-13854	90.5	92	0.441	0.3	0.0217	0.0708	0.64105
R12-38	AQA-13855	92	93.5	0.08	0.1	0.0156	0.0484	0.51783
R12-38	AQA-13856	93.5	95.04	0.481	0.3	0.0356	0.0907	0.91038
R12-38	AQA-13857	95.04	96.25	0.135	0.4	0.0603	0.0255	1.4129
R12-38	AQA-13858	96.25	97.44	0.103	0.6	0.0547	0.0248	1.3414
R12-38	AQA-13859	97.44	98.91	0.919	0.7	0.0534	0.037	0.63505
R12-38	AQA-13860	98.91	100.19	0.281	0.9	0.0545	0.0394	0.60567
R12-38	AQA-13861	100.19	101.27	1.095	1.4	0.1765	0.0295	2.2175

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-38	AQA-13862	101.27	102.4	1.236	1.3	0.14	0.0488	2.2067
R12-38	AQA-13863	102.4	103.7	1.451	1.5	0.2437	0.0481	2.9933
R12-38	AQA-13864	103.7	105.23	16.826	2.8	0.2318	0.0504	3.7757
R12-38	AQA-13865	105.23	106.5	0.216	0.7	0.0716	0.023	1.1431
R12-38	AQA-13866	106.5	107.5	0.164	0.3	0.0411	0.0193	1.1709
R12-38	AQA-13869	107.5	108.52	0.287	0.3	0.0622	0.00958	1.3493
R12-38	AQA-13870	108.52	109.62	4.53	1.3	0.1668	0.0779	2.4572
R12-38	AQA-13871	109.62	111.07	0.742	0.9	0.1257	0.0597	2.1964
R12-38	AQA-13872	111.07	112.26	1.233	1.3	0.1652	0.0313	3.4211
R12-38	AQA-13873	112.26	113.3	0.302	0.4	0.0725	0.011	1.1235
R12-38	AQA-13874	113.3	114.3	0.225	0.4	0.0794	0.00691	1.3251
R12-38	AQA-13875	114.3	115.12	0.12	0.4	0.0347	0.00656	0.7915
R12-38	AQA-13876	115.12	116.26	4.648	2.2	0.3514	0.0326	5.5001
R12-38	AQA-13877	116.26	117.57	16.508	4.9	0.6086	0.0208	5.398
R12-38	AQA-13878	117.57	118.6	26.019	5.5	0.5415	0.0389	5.0333
R12-38	AQA-13879	118.6	119.6	15.48	5.7	0.6365	0.0334	6.9822
R12-38	AQA-13880	119.6	120.6	25.245	4.3	0.3281	0.0703	12.537
R12-38	AQA-13881	120.6	121.6	7.209	2.9	0.2478	0.0349	5.6727
R12-38	AQA-13882	121.6	122.62	7.49	4.4	0.6998	0.0557	8.4964
R12-38	AQA-13883	122.62	124	5.356	0.9	0.1418	0.02	1.5673
R12-38	AQA-13884	124	125	0.588	0.9	0.2003	0.013	2.2315
R12-38	AQA-13885	125	126.42	0.455	0.9	0.1615	0.01	1.7754
R12-38	AQA-13886	126.42	127.5	0.709	0.5	0.0732	0.00953	0.56458
R12-38	AQA-13887	127.5	128.65	1.014	1.4	0.2206	0.02	2.4918
R12-38	AQA-13890	128.65	130.02	1.12	2	0.367	0.0193	2.647
R12-38	AQA-13891	130.02	131.25	0.447	1.2	0.3505	0.0354	3.7817
R12-38	AQA-13892	131.25	132.27	0.286	1.1	0.1669	0.034	2.4043
R12-38	AQA-13893	132.27	133.54	0.437	0.5	0.1362	0.0133	2.7643
R12-38	AQA-13894	133.54	134.5	0.246	0.7	0.0989	0.0125	1.7058
R12-38	AQA-13895	134.5	135.5	0.13	0.2	0.0282	0.0085	0.72145
R12-38	AQA-13896	135.5	136.59	6.667	1.6	0.2136	0.0161	3.6843
R12-38	AQA-13897	136.59	137.62	1.671	1.1	0.1433	0.0092	4.1744
R12-38	AQA-13898	137.62	138.9	0.205	0.7	0.1368	0.0216	1.732
R12-38	AQA-13899	138.9	140	0.462	1.4	0.2207	0.0179	2.6426
R12-38	AQA-13900	140	141	0.627	1.9	0.2804	0.0501	4.8375
R12-38	AQA-13901	141	142	0.792	1.2	0.1547	0.0531	2.1915
R12-38	AQA-13902	142	143	1.18	3.2	0.5983	0.0265	3.9538
R12-38	AQA-13903	143	144	0.872	1.6	0.1869	0.0138	6.2091
R12-38	AQA-13904	144	145.73	0.192	1.1	0.2114	0.0117	3.1016
R12-39	AQA-13905	0	2.44	0.014	0.1	0.0074	0.759	0.013277
R12-39	AQA-13906	2.44	3.66	0	0.4	0.0104	1.36	0.013647
R12-39	AQA-13907	3.66	5.49	0	0.3	0.0088	0.444	0.0026789
R12-39	AQA-13908	5.49	7.01	0	0.4	0.0057	0.388	0.0026388
R12-39	AQA-13909	7.01	8.54	0	0.05	0.0045	0.521	0.0013278
R12-39	AQA-13910	8.54	10.06	0.007	0.05	0.002	0.863	0.0036586
R12-39	AQA-13911	10.06	11.58	0.011	0.2	0.003	0.751	0.0035106

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-39	AQA-13912	11.58	14.02	0.049	0.2	0.0036	0.827	0.031007
R12-39	AQA-13913	14.02	15.2	0.007	1.2	0.1544	0.554	0.17585
R12-39	AQA-13914	15.2	16.46	0.018	0.5	0.0555	0.0426	0.84703
R12-39	AQA-13915	16.46	17.68	0.063	0.1	0.024	0.00912	0.88294
R12-39	AQA-13916	17.68	19	0	0.2	0.0078	0.0108	0.2466
R12-39	AQA-13917	19	20.5	0.027	0.05	0.0162	0.0134	0.53363
R12-39	AQA-13918	20.5	22	0.056	0.2	0.0203	0.0146	0.63898
R12-39	AQA-13919	22	23.3	0.022	0.5	0.0356	0.0349	1.4393
R12-39	AQA-13920	23.3	24.65	0.009	0.05	0.0145	0.0112	0.51136
R12-39	AQA-13921	24.65	26	0.024	0.3	0.0099	0.0273	0.39154
R12-39	AQA-13922	26	27.5	0.059	0.3	0.0156	0.0275	0.68383
R12-39	AQA-13923	27.5	29	0.173	0.2	0.0178	0.00848	0.8213
R12-39	AQA-13926	29	30.5	0.023	0.4	0.0225	0.00493	1.1313
R12-39	AQA-13927	30.5	32	0.011	0.2	0.009	0.0112	0.47804
R12-39	AQA-13928	32	33.2	0.025	0.6	0.0649	0.0329	1.9358
R12-39	AQA-13929	33.2	34.5	0.031	0.4	0.0526	0.025	1.7242
R12-39	AQA-13930	34.5	35.7	0.026	0.5	0.0386	0.0169	1.557
R12-39	AQA-13931	35.7	36.7	0.075	0.7	0.0583	0.0244	3.3505
R12-39	AQA-13932	36.7	38.05	0.018	0.4	0.0233	0.0191	0.97894
R12-39	AQA-13933	38.05	39.5	0.03	0.3	0.0159	0.0206	0.78558
R12-39	AQA-13934	39.5	41	0.01	0.3	0.0102	0.0131	0.44729
R12-39	AQA-13935	41	42.5	0.04	0.2	0.0193	0.0149	0.91406
R12-39	AQA-13936	42.5	44	0.021	0.4	0.0408	0.0236	1.3972
R12-39	AQA-13937	44	45.61	0.029	0.4	0.0405	0.0471	1.68
R12-39	AQA-13938	45.61	47.1	0.011	0.05	0.0239	0.0402	0.75291
R12-39	AQA-13939	47.1	48.7	0.015	0.1	0.0238	0.0485	0.73084
R12-39	AQA-13940	48.7	50	0.013	0.1	0.0228	0.0418	0.82767
R12-39	AQA-13941	50	51.5	0.012	0.3	0.0171	0.0401	0.52082
R12-39	AQA-13942	51.5	52.95	0.009	0.05	0.0099	0.0489	0.43218
R12-39	AQA-13943	52.95	54.5	0.02	0.2	0.0311	0.0257	1.2075
R12-39	AQA-13944	54.5	56	0.024	0.5	0.0707	0.0146	1.2835
R12-39	AQA-13947	56	57.5	0.02	0.3	0.0168	0.025	0.44088
R12-39	AQA-13948	57.5	58.55	0.024	0.3	0.0517	0.0228	1.3363
R12-39	AQA-13949	58.55	60	0.021	0.1	0.0185	0.0175	1.1266
R12-39	AQA-13950	60	61.3	0.029	0.5	0.0514	0.0143	1.9199
R12-39	AQA-13951	61.3	62.6	0.12	0.5	0.0578	0.0253	1.4809
R12-39	AQA-13952	62.6	63.76	0.025	0.2	0.0364	0.024	0.92272
R12-39	AQA-13953	63.76	65	2.695	0.8	0.1011	0.0248	2.4042
R12-39	AQA-13954	65	66.46	0.103	0.6	0.082	0.0325	2.3206
R12-39	AQA-13955	66.46	68	0.067	0.5	0.0692	0.0461	2.0369
R12-39	AQA-13956	68	69.4	0.047	0.2	0.0403	0.0579	1.4012
R12-39	AQA-13957	69.4	70.4	0.035	0.4	0.0276	0.0358	1.0038
R12-39	AQA-13958	70.4	71.75	0.016	0.1	0.023	0.0295	0.63698
R12-39	AQA-13959	71.75	73.05	0.028	0.05	0.0189	0.0232	0.63889
R12-39	AQA-13960	73.05	74.53	0.024	0.3	0.0401	0.0101	1.3366
R12-39	AQA-13961	74.53	76	0	0.05	0.0004	0.00815	0.0073068

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R12-39	AQA-13962	76	77.5	0.006	0.05	0.0089	0.0206	0.11335
R12-39	AQA-13963	77.5	79	0.013	0.3	0.016	0.0104	0.21921
R12-39	AQA-13964	79	80.5	0	0.1	0.0018	0.0116	0.02662
R12-39	AQA-13965	80.5	82	0.035	0.4	0.0169	0.0206	0.16986
R12-39	AQA-13968	82	83	0.017	0.05	0.0192	0.0204	0.27196
R12-39	AQA-13969	83	84	0.939	0.7	0.0986	0.0434	1.547
R12-39	AQA-13970	84	85.1	0.825	1.1	0.1509	0.0595	1.5768
R12-39	AQA-13971	85.1	86.15	0.149	0.6	0.0899	0.0132	1.5311
R12-39	AQA-13972	86.15	87.25	0.15	0.6	0.0658	0.00888	0.73064
R12-39	AQA-13973	87.25	88.34	0.867	0.5	0.0496	0.00554	0.869
R12-39	AQA-13974	88.34	89.57	15.734	3.1	0.2831	0.0829	2.8907
R12-39	AQA-13975	89.57	90.6	4.92	0.7	0.0621	0.031	1.0681
R12-39	AQA-13976	90.6	92	0.353	0.2	0.0221	0.0524	0.64949
R12-39	AQA-13977	92	93.5	0.092	0.2	0.0095	0.00874	0.3887
R12-39	AQA-13978	93.5	95	0.711	0.05	0.0142	0.00882	0.60818
R12-39	AQA-13979	95	96.5	0.061	0.4	0.0278	0.0142	0.73916
R12-39	AQA-13980	96.5	98	0.1	0.2	0.0157	0.00217	0.5767
R12-39	AQA-13981	98	99.5	0.092	0.2	0.0179	0.00667	0.61371
R12-39	AQA-13982	99.5	101	0.057	0.1	0.0142	0.00635	0.58358
R12-39	AQA-13983	101	102.5	0.057	0.05	0.0188	0.00428	0.63125
R12-39	AQA-13984	102.5	104	0.067	0.4	0.0551	0.0111	0.74591
R12-39	AQA-13985	104	105.5	0.077	0.3	0.0372	0.00942	1.1975
R12-39	AQA-13986	105.5	107	0.044	0.2	0.03	0.0208	0.74935
R12-39	AQA-13989	107	108.5	0.093	0.3	0.0473	0.00423	1.1624
R12-39	AQA-13990	108.5	110	0.067	0.2	0.0216	0.0125	0.63287
R12-39	AQA-13991	110	111.25	0.325	0.4	0.0476	0.0367	1.1757
R12-39	AQA-13992	111.25	112.95	0.092	0.6	0.0653	0.0936	1.2337
R12-39	AQA-13993	112.95	114.55	0.165	0.9	0.0978	0.037	2.2359
R12-39	AQA-13994	114.55	116	0.241	0.7	0.1117	0.0188	2.4744
R12-39	AQA-13995	116	117.5	0.132	0.5	0.0893	0.0106	2.0791
R12-39	AQA-13996	117.5	119	0.144	0.6	0.0646	0.0166	1.7828
R12-39	AQA-13997	119	120.4	0.665	0.6	0.0698	0.0149	1.4352
R12-39	AQA-13998	120.4	121.5	1.963	0.6	0.0908	0.0103	2.6613
R12-39	AQA-13999	121.5	123	0.126	0.3	0.0626	0.00831	1.4345
R12-39	AQA-14000	123	124.5	0.063	0.2	0.0319	0.00902	0.95364
R12-39	AQA-14001	124.5	126	0.154	0.05	0.0311	0.00648	0.95823
R12-39	AQA-14002	126	127.5	0.077	0.1	0.0237	0.0131	0.86182
R12-39	AQA-14003	127.5	129	0.12	0.3	0.0428	0.00911	1.1895
R12-39	AQA-14004	129	130.75	0.116	0.2	0.0368	0.00777	1.2093
R12-39	AQA-14005	130.75	132	0.217	0.7	0.095	0.0059	2.2651
R12-39	AQA-14006	132	133	0.163	0.9	0.1422	0.0188	2.9615
R12-39	AQA-14007	133	134.14	0.072	0.5	0.0833	0.0194	1.4981
R12-39	AQA-14010	134.14	135.3	5.57	1.3	0.1222	0.0177	4.2029
R12-39	AQA-14011	135.3	136.5	0.1	0.5	0.0603	0.00757	1.0559
R12-39	AQA-14012	136.5	138	0.025	0.1	0.0087	0.00422	0.27863
R12-39	AQA-14013	138	139.46	0.027	0.1	0.0254	0.0158	0.55104

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-39	AQA-14014	139.46	140.6	0.082	0.5	0.0684	0.0232	1.0814
R12-39	AQA-14015	140.6	141.6	0.068	0.7	0.1028	0.00955	1.8699
R12-39	AQA-14016	141.6	142.6	0.146	0.6	0.0901	0.0128	2.0251
R12-39	AQA-14017	142.6	144	0.143	0.2	0.0193	0.00983	0.52046
R12-39	AQA-14018	144	145.5	0.27	0.4	0.0223	0.00575	0.71371
R12-39	AQA-14019	145.5	147	0.123	0.2	0.0095	0.00575	0.28541
R12-39	AQA-14020	147	148.5	0.095	0.3	0.0137	0.00698	0.50552
R12-39	AQA-14021	148.5	150	0.102	0.5	0.0645	0.00814	1.2832
R12-39	AQA-14022	150	151	0.502	0.9	0.1112	0.0201	1.9489
R12-39	AQA-14023	151	152.5	0.088	0.6	0.0604	0.0328	1.5807
R12-39	AQA-14024	152.5	153.6	0.087	0.8	0.091	0.007	2.1344
R12-39	AQA-14025	153.6	155	0.021	0.3	0.0216	0.00695	0.57015
R12-39	AQA-14026	155	156.5	0.051	0.3	0.0409	0.0089	1.016
R12-39	AQA-14027	156.5	158	0.138	0.5	0.042	0.0184	1.3471
R12-39	AQA-14028	158	159.37	0.035	0.3	0.0289	0.0156	0.80573
R12-39	AQA-14031	159.37	160.5	0.056	0.6	0.0628	0.0285	1.5995
R12-39	AQA-14032	160.5	162	0.137	0.5	0.0711	0.0096	1.6835
R12-39	AQA-14033	162	163	2.235	0.7	0.0818	0.00726	2.4411
R12-39	AQA-14034	163	164.5	0.044	0.4	0.0932	0.00752	1.8327
R12-39	AQA-14035	164.5	166	0.029	0.6	0.1143	0.0121	2.1671
R12-39	AQA-14036	166	167.5	0.032	0.6	0.0895	0.00671	2.0903
R12-39	AQA-14037	167.5	169	0.024	0.5	0.0746	0.0111	1.5368
R12-39	AQA-14038	169	170.5	0.022	0.5	0.0718	0.0124	1.6733
R12-39	AQA-14039	170.5	172	0.03	0.5	0.0779	0.0123	1.672
R12-39	AQA-14040	172	173.25	0.034	0.4	0.07	0.0388	1.5372
R12-39	AQA-14041	173.25	174.35	0.036	0.6	0.0899	0.0291	1.7995
R12-39	AQA-14042	174.35	175.7	0.039	0.6	0.0749	0.0189	1.4509
R12-39	AQA-14043	175.7	177	0.019	0.3	0.0467	0.0103	0.8306
R12-39	AQA-14044	177	178.4	0.04	0.5	0.0961	0.0156	1.6847
R12-39	AQA-14045	178.4	179.4	0.06	0.6	0.1347	0.0055	2.5593
R12-39	AQA-14046	179.4	180.9	0.097	0.4	0.1002	0.00998	2.4216
R12-39	AQA-14047	180.9	181.9	0.257	0.2	0.0642	0.0182	1.4412
R12-39	AQA-14048	181.9	183.4	0.048	0.3	0.059	0.00671	1.3785
R12-39	AQA-14049	183.4	184.7	0.046	0.3	0.0748	0.00821	1.9189
R12-39	AQA-14052	184.7	186	0.548	0.3	0.0713	0.0125	1.6454
R12-39	AQA-14053	186	187.53	0.051	0.2	0.0562	0.0123	1.7138
R12-39	AQA-14054	187.53	188.75	0.022	0.05	0.0374	0.0072	1.424
R12-39	AQA-14055	188.75	189.89	0.012	0.1	0.0784	0.00984	2.1899
R12-39	AQA-14056	189.89	190.89	0.049	0.4	0.0863	0.0103	2.285
R12-39	AQA-14057	190.89	192.5	0	0.05	0.0029	0.0166	0.0557
R12-39	AQA-14058	192.5	194	0	0.05	0.0002	0.00944	0.010295
R12-39	AQA-14059	194	195.55	0	0.05	0.0001	0.037	0.0056484
R12-39	AQA-14060	195.55	197	0	0.05	0.0001	0.00899	0.0027358
R12-39	AQA-14061	197	198.5	0.018	0.2	0.0001	0.0162	0.005091
R12-39	AQA-14062	198.5	200	0	0.05	0.0001	0.00818	0.0022998
R12-39	AQA-14063	200	201.5	0	0.05	0.0009	0.0175	0.017753

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BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-39	AQA-14064	201.5	203.02	0	0.05	0.0034	0.115	0.067694
R12-39	AQA-14065	203.02	204.5	0	0.05	0.0022	0.0286	0.031584
R12-40	AQA-14066	0	1.22	0.234	0.3	0.0125	0.814	0.021927
R12-40	AQA-14067	1.22	2.74	0.054	0.05	0.0093	0.388	0.009437
R12-40	AQA-14068	2.74	4.12	0.018	0.1	0.0045	0.244	0.0041051
R12-40	AQA-14069	4.12	5.49	0.006	0.05	0.003	0.0856	0.0017129
R12-40	AQA-14070	5.49	6.71	0	0.3	0.0027	0.00494	0.0079827
R12-40	AQA-14071	6.71	8.54	0	0.3	0.0029	0.0336	0.010724
R12-40	AQA-14072	8.54	10.06	0.782	0.3	0.0042	0.0333	0.0016053
R12-40	AQA-14073	10.06	11.59	0.417	0.3	0.0017	0.0176	0.0037313
R12-40	AQA-14074	11.59	13.42	0.082	0.4	0.0041	0.0429	0.14641
R12-40	AQA-14075	13.42	14.63	0.127	0.3	0.0084	0.797	0.17924
R12-40	AQA-14076	14.63	15.92	0.911	3.8	0.2666	1.35	0.22143
R12-40	AQA-14077	15.92	17.38	1.968	1.7	0.0695	0.0809	2.0555
R12-40	AQA-14078	17.38	18.9	0.057	0.4	0.0162	0.00579	0.79051
R12-40	AQA-14079	18.9	19.9	0.141	0.9	0.0271	0.0775	2.9323
R12-40	AQA-14080	19.9	21.5	0.026	0.4	0.0273	0.0205	0.49755
R12-40	AQA-14081	21.5	23	0.054	0.6	0.0148	0.0226	0.46041
R12-40	AQA-14082	23	24.5	0.072	0.9	0.0455	0.0176	1.2829
R12-40	AQA-14083	24.5	25.5	0.073	1.2	0.0476	0.0205	1.1118
R12-40	AQA-14084	25.5	27	0.032	0.7	0.0118	0.0101	0.39303
R12-40	AQA-14087	27	28	0.09	1.4	0.1083	0.0185	2.9137
R12-40	AQA-14088	28	29.19	0.094	1	0.0646	0.0121	1.8119
R12-40	AQA-14089	29.19	30.69	0.068	0.8	0.0376	0.0081	1.055
R12-40	AQA-14090	30.69	31.69	0.216	0.9	0.0542	0.00423	1.6865
R12-40	AQA-14091	31.69	32.69	32.568	5.1	0.1525	0.00769	7.1481
R12-40	AQA-14092	32.69	33.95	0.758	0.8	0.0561	0.00606	2.2434
R12-40	AQA-14093	33.95	35	0.561	2.9	0.2088	0.482	5.4264
R12-40	AQA-14094	35	36	0.086	3.7	0.3798	0.184	5.9212
R12-40	AQA-14095	36	37.5	0.061	1	0.1118	0.00723	2.936
R12-40	AQA-14096	37.5	38.52	0.082	0.5	0.0528	0.00478	1.8861
R12-40	AQA-14097	38.52	40	0.033	0.4	0.0217	0.00264	0.727
R12-40	AQA-14098	40	41.5	0.105	0.6	0.0335	0.00966	1.3816
R12-40	AQA-14099	41.5	43	0.085	0.4	0.0177	0.00676	0.75588
R12-40	AQA-14100	43	44.5	0.18	0.8	0.0482	0.00774	1.8
R12-40	AQA-14101	44.5	46	0.045	0.9	0.0519	0.00503	2.1687
R12-40	AQA-14102	46	47.5	0.067	1.2	0.0565	0.0294	2.1398
R12-40	AQA-14103	47.5	49	0.016	0.4	0.0346	0.00736	0.93267
R12-40	AQA-14104	49	50.5	0.101	0.3	0.0323	0.00899	1.1511
R12-40	AQA-14105	50.5	51.7	0.047	0.05	0.0073	0.014	0.41981
R12-40	AQA-14108	51.7	53.09	0.349	0.4	0.0326	0.0161	1.4796
R12-40	AQA-14109	53.09	54.25	0.094	1.2	0.0916	0.0136	3.11
R12-40	AQA-14110	54.25	55.27	0.14	1.3	0.0849	0.0116	2.3239
R12-40	AQA-14111	55.27	56.27	0.12	1.4	0.1004	0.0382	2.7995
R12-40	AQA-14112	56.27	57.4	0.321	3.8	0.2511	0.0464	4.3339
R12-40	AQA-14113	57.4	58.5	0.156	1.7	0.1285	0.0324	3.4293

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-40	AQA-14114	58.5	59.6	0.085	1.1	0.0753	0.00873	2.066
R12-40	AQA-14115	59.6	60.63	0.252	1.4	0.0749	0.0048	2.17
R12-40	AQA-14116	60.63	62.18	37.172	4.9	0.1288	0.0276	5.5114
R12-40	AQA-14117	62.18	63.5	0.15	0.6	0.0227	0.0088	0.99938
R12-40	AQA-14118	63.5	64.9	0.054	0.8	0.0393	0.00988	1.0363
R12-40	AQA-14119	64.9	66	0.023	0.7	0.0349	0.00732	0.99814
R12-40	AQA-14120	66	67.5	0.017	0.9	0.0411	0.02	1.1801
R12-40	AQA-14121	67.5	68.6	0.015	0.2	0.036	0.00612	1.2071
R12-40	AQA-14122	68.6	70	0.023	0.5	0.0401	0.00367	1.0926
R12-40	AQA-14123	70	71.5	0.026	0.3	0.0182	0.00455	0.97058
R12-40	AQA-14124	71.5	73	0	0.2	0.0096	0.00774	0.48369
R12-40	AQA-14125	73	74.5	0	0.3	0.0128	0.00695	0.51502
R12-40	AQA-14126	74.5	76	0.014	0.05	0.0182	0.00843	0.83486
R12-40	AQA-14129	76	77.5	0.025	0.2	0.0212	0.00977	0.95335
R12-40	AQA-14130	77.5	79	0.025	0.1	0.0136	0.00885	0.61676
R12-40	AQA-14131	79	80.5	0	0.1	0.0101	0.0126	0.55753
R12-40	AQA-14132	80.5	82	0.016	0.4	0.0237	0.00743	1.1652
R12-40	AQA-14133	82	83.5	0.019	0.5	0.0142	0.00311	0.87234
R12-40	AQA-14134	83.5	85	0.012	0.2	0.021	0.00525	0.83797
R12-40	AQA-14135	85	86.5	0.018	0.2	0.0115	0.00608	0.68071
R12-40	AQA-14136	86.5	88	0.266	0.1	0.0144	0.0017	1.0447
R12-40	AQA-14137	88	89.34	0.005	0.05	0.0067	0.000849	0.49134
R12-40	AQA-14138	89.34	90.5	0	0.05	0.0016	0.00916	0.084335
R12-40	AQA-14139	90.5	92	0.014	0.05	0.0078	0.00432	0.45293
R12-40	AQA-14140	92	93.5	0	0.05	0.0064	0.00134	0.25406
R12-40	AQA-14141	93.5	94.5	0.146	1.2	0.1135	0.00823	2.0256
R12-40	AQA-14142	94.5	95.7	0.039	0.4	0.0288	0.0068	0.88506
R12-40	AQA-14143	95.7	96.72	0.443	0.6	0.04	0.0115	0.98623
R12-40	AQA-14144	96.72	97.72	12.588	2.9	0.152	0.0119	3.7198
R12-40	AQA-14145	97.72	98.76	2.615	1.4	0.1298	0.00328	2.5524
R12-40	AQA-14146	98.76	99.76	9.053	2	0.0963	0.0168	2.9536
R12-40	AQA-14147	99.76	100.76	12.567	3	0.1674	0.551	4.2932
R12-40	AQA-14150	100.76	102	1.747	1	0.066	0.0269	1.5766
R12-40	AQA-14151	102	103.5	1.741	0.9	0.0515	0.00663	1.4397
R12-40	AQA-14152	103.5	104.5	0.095	0.9	0.0457	0.00599	1.6741
R12-40	AQA-14153	104.5	106	0.068	0.9	0.0522	0.00812	1.9176
R12-40	AQA-14154	106	107.5	0	0.8	0.0484	0.00517	1.6116
R12-40	AQA-14155	107.5	109	0	0.8	0.0611	0.00698	1.7822
R12-40	AQA-14156	109	110.4	0	0.9	0.0675	0.00472	1.9303
R12-40	AQA-14157	110.4	112	0	0.6	0.0538	0.00739	1.7638
R12-40	AQA-14158	112	113.24	0.005	0.9	0.0726	0.0241	1.9113
R12-40	AQA-14159	113.24	114.25	0.015	1.6	0.0977	0.992	2.5021
R12-40	AQA-14160	114.25	115.25	0.014	1.6	0.0857	0.0453	2.009
R12-40	AQA-14161	115.25	116.25	0.038	2.7	0.1259	0.011	3.6712
R12-40	AQA-14162	116.25	117.25	0.041	2.9	0.1925	0.00806	3.6068
R12-40	AQA-14163	117.25	118.27	0.181	2.1	0.1112	0.0114	1.8332

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R12-40	AQA-14164	118.27	119.5	0	0.6	0.0303	0.0169	0.28945
R12-40	AQA-14165	119.5	121	0	0.3	0.0199	0.0388	0.20178
R12-40	AQA-14166	121	122.5	0	0.9	0.0396	0.0351	0.31628
R12-40	AQA-14167	122.5	124	0.024	2.1	0.096	0.0263	0.68302
R12-40	AQA-14168	124	125.5	0.028	1.6	0.0872	0.02	0.83704
R12-40	AQA-14171	125.5	127	0.01	0.7	0.0403	0.0511	0.54239
R12-40	AQA-14172	127	128.5	0	0.2	0.0062	0.287	0.10573
R12-41	AQA-14173	0	1.52	0.021	0.1	0.0052	0.265	0.0095826
R12-41	AQA-14174	1.52	2.74	0.02	0.05	0.0029	0.154	0.0056227
R12-41	AQA-14175	2.74	4.57	0	0.2	0.0036	0.0576	0.0042034
R12-41	AQA-14176	4.57	6.4	0.006	0.05	0.0028	0.00732	0.0011652
R12-41	AQA-14177	6.4	8.23	0.12	0.05	0.0029	0.00763	0.0002153
R12-41	AQA-14178	8.23	9.45	0.086	0.05	0.0044	0.00262	0.0014131
R12-41	AQA-14179	9.45	10.8	0.037	0.1	0.0215	0.00666	0.17212
R12-41	AQA-14180	10.8	12	0.013	0.6	0.0125	0.0358	0.24474
R12-41	AQA-14181	12	13.5	0.009	0.3	0.0048	0.021	0.16025
R12-41	AQA-14182	13.5	15	0.049	0.2	0.0068	0.033	0.22403
R12-41	AQA-14183	15	16.5	0.044	0.2	0.0139	0.0229	0.39777
R12-41	AQA-14184	16.5	18	0.012	0.2	0.0133	0.00245	0.54318
R12-41	AQA-14185	18	19.5	0.035	0.3	0.0136	0.377	0.55006
R12-41	AQA-14186	19.5	21	0.032	0.3	0.0236	-0.0012	0.92669
R12-41	AQA-14187	21	22.5	0.018	0.2	0.02	0.000668	1.1968
R12-41	AQA-14188	22.5	24	0.025	0.3	0.0317	0.0333	1.0119
R12-41	AQA-14189	24	25.5	0.008	0.2	0.0066	0.00403	0.26703
R12-41	AQA-14190	25.5	26.95	0.008	0.2	0.0064	0.0351	0.26687
R12-41	AQA-14191	26.95	28.5	0.025	0.3	0.0132	0.158	0.39118
R12-41	AQA-14194	28.5	30	0.023	0.4	0.0082	0.125	0.38656
R12-41	AQA-14195	30	31.5	0.022	0.3	0.0067	0.0565	0.40033
R12-41	AQA-14196	31.5	32.95	0.06	0.4	0.0277	0.11	1.1427
R12-41	AQA-14197	32.95	34	0.087	0.5	0.044	0.0809	1.6734
R12-41	AQA-14198	34	35.5	0.066	0.7	0.0848	0.000876	2.4723
R12-41	AQA-14199	35.5	37	0.064	0.7	0.0767	0.00647	2.0957
R12-41	AQA-14200	37	38	0.054	0.5	0.0706	-0.000128	1.5448
R12-41	AQA-14201	38	39.2	0.071	0.7	0.066	0.016	1.514
R12-41	AQA-14202	39.2	40.35	0.096	0.8	0.1225	-0.000057	2.3658
R12-41	AQA-14203	40.35	41.85	0.078	0.4	0.0697	0.00608	1.661
R12-41	AQA-14204	41.85	43.25	0.124	0.3	0.0686	0.00453	1.5522
R12-41	AQA-14205	43.25	44.45	0.184	0.7	0.133	0.0105	2.3585
R12-41	AQA-14206	44.45	45.5	1.062	0.9	0.1601	0.0569	4.0834
R12-41	AQA-14207	45.5	46.59	6.477	2	0.2644	0.00733	7.2726
R12-41	AQA-14208	46.59	47.6	3.584	1.1	0.1509	0.0277	4.563
R12-41	AQA-14209	47.6	48.65	2.978	1.1	0.1	0.0194	1.7027
R12-41	AQA-14210	48.65	49.65	0.704	0.4	0.0735	0.0351	1.4394
R12-41	AQA-14211	49.65	51.05	0.273	1.3	0.2773	0.00407	3.6735
R12-41	AQA-14212	51.05	52.05	0.407	1.9	0.2822	0.00372	5.1722
R12-41	AQA-14215	52.05	53.47	0.053	0.05	0.0406	0.0347	0.99937

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-41	AQA-14216	53.47	54.5	0.326	0.9	0.1943	0.000103	3.0174
R12-41	AQA-14217	54.5	55.97	0.091	0.4	0.0777	0.00276	1.2524
R12-41	AQA-14218	55.97	57	0.071	0.1	0.0476	0.00968	0.91498
R12-41	AQA-14219	57	58.07	0.124	0.3	0.0982	0.0102	1.8142
R12-41	AQA-14220	58.07	59.07	0.511	0.9	0.1899	0.013	3.5346
R12-41	AQA-14221	59.07	60.08	0.75	0.7	0.1659	0.00967	2.5459
R12-41	AQA-14222	60.08	61.4	1.207	0.4	0.0813	0.0102	1.3542
R12-41	AQA-14223	61.4	62.47	0.119	0.05	0.0544	0.00872	1.1114
R12-41	AQA-14224	62.47	63.79	0.226	0.3	0.1184	0.00697	2.5432
R12-41	AQA-14225	63.79	65.07	0.183	0.4	0.1337	0.059	2.2804
R12-41	AQA-14226	65.07	66.25	0.267	0.6	0.1476	0.0308	3.5823
R12-41	AQA-14227	66.25	67.5	0.101	0.4	0.0918	0.0102	1.3629
R12-41	AQA-14228	67.5	69	0.116	0.05	0.0303	0.0102	0.62495
R12-41	AQA-14229	69	70.5	0.09	0.2	0.0411	0.00911	1.0656
R12-41	AQA-14230	70.5	72	0.035	0.05	0.0212	0.00718	0.64399
R12-41	AQA-14231	72	73.5	0.031	0.05	0.0247	0.0119	0.77881
R12-41	AQA-14232	73.5	75	0.017	0.05	0.0205	0.0121	0.50827
R12-41	AQA-14233	75	76.5	0.025	0.05	0.0392	0.0237	0.94669
R12-41	AQA-14236	76.5	78	0.019	0.05	0.0332	0.0056	0.73384
R12-41	AQA-14237	78	79.5	0.018	0.1	0.0486	0.0138	0.9541
R12-41	AQA-14238	79.5	81	0.014	0.05	0.0487	0.0131	1.0354
R12-41	AQA-14239	81	82.45	0	0.05	0.0184	0.0155	0.51083
R12-41	AQA-14240	82.45	83.9	0.017	0.05	0.037	0.0177	0.99723
R12-41	AQA-14241	83.9	85.5	0.007	0.05	0.0117	0.00768	0.37891
R12-41	AQA-14242	85.5	86.9	0.005	0.05	0.0068	0.0103	0.20376
R12-41	AQA-14243	86.9	88.5	0.027	0.1	0.0377	0.00778	1.0857
R12-41	AQA-14244	88.5	90	0.018	0.05	0.0229	0.0109	0.72265
R12-41	AQA-14245	90	91.5	0.011	0.1	0.019	0.00348	0.50583
R12-41	AQA-14246	91.5	93	0.019	0.05	0.0386	0.00483	0.86936
R12-41	AQA-14247	93	94.5	0.042	0.4	0.0649	0.00337	1.3386
R12-41	AQA-14248	94.5	96	0.044	0.05	0.0274	0.0196	0.94399
R12-41	AQA-14249	96	97.5	0.075	0.2	0.0793	0.0114	1.4821
R12-41	AQA-14250	97.5	99	0.075	0.3	0.0784	0.0192	1.6139
R12-41	AQA-14251	99	100	0.164	1.2	0.2555	0.0158	3.4483
R12-41	AQA-14252	100	101.3	0.2	1	0.2459	0.0104	4.0489
R12-41	AQA-14253	101.3	102.5	0.347	0.6	0.1514	0.000587	2.162
R12-41	AQA-14254	102.5	103.52	0.334	1	0.2418	0.00896	3.2544
R12-41	AQA-14257	103.52	104.5	0.327	1.3	0.2734	0.00824	4.1078
R12-41	AQA-14258	104.5	105.5	0.159	1	0.2395	0.0194	3.2909
R12-41	AQA-14259	105.5	106.5	0.329	0.8	0.1975	0.0109	3.2899
R12-41	AQA-14260	106.5	108	0.096	0.4	0.0727	0.0108	1.4149
R12-41	AQA-14261	108	109.5	0.126	0.3	0.1004	0.023	1.7826
R12-41	AQA-14262	109.5	111	0.148	0.8	0.1871	0.00512	2.8938
R12-41	AQA-14263	111	112.5	0.184	0.5	0.0802	0.00199	2.5314
R12-41	AQA-14264	112.5	114	0.131	0.8	0.2278	0.0114	3.0233
R12-41	AQA-14265	114	115.12	0.635	1.8	0.2505	0.00487	3.0599

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-41	AQA-14266	115.12	116.35	5.911	11.2	1.02	0.0162	5.7206
R12-41	AQA-14267	116.35	117.76	1.78	4.7	0.4929	0.0524	4.8115
R12-41	AQA-14268	117.76	118.8	0.61	1	0.1706	0.00579	2.3425
R12-41	AQA-14269	118.8	119.85	0.217	1	0.1922	0.0105	3.3034
R12-41	AQA-14270	119.85	121	0.293	1.2	0.1973	0.00475	3.458
R12-41	AQA-14271	121	122.5	0.079	0.5	0.0662	0.0104	1.1896
R12-41	AQA-14272	122.5	124	0.318	0.8	0.128	0.0132	2.3208
R12-41	AQA-14273	124	125.5	0.82	0.8	0.1128	0.0125	2.348
R12-41	AQA-14274	125.5	126.66	0.728	0.8	0.1265	0.00693	2.8899
R12-41	AQA-14275	126.66	127.65	0.168	1.2	0.1433	0.0109	5.2401
R12-41	AQA-14278	127.65	128.5	0.165	1.2	0.1809	0.0177	4.0386
R12-41	AQA-14279	128.5	129.5	0.157	1.1	0.1329	0.00763	3.3981
R12-41	AQA-14280	129.5	130.6	0.057	0.5	0.0271	0.0253	0.73389
R12-41	AQA-14281	130.6	132	0.077	0.6	0.0684	0.0312	1.749
R12-41	AQA-14282	132	133.5	0.058	0.5	0.0506	0.0179	1.7507
R12-41	AQA-14283	133.5	135	0.032	0.5	0.04	0.019	1.4437
R12-41	AQA-14284	135	136.5	0.034	0.5	0.0749	0.0147	2.1782
R12-41	AQA-14285	136.5	138	0.028	0.5	0.0806	0.0162	2.2095
R12-41	AQA-14286	138	139.4	0.041	0.7	0.1082	0.0124	2.8278
R12-41	AQA-14287	139.4	140.7	0.053	0.9	0.1484	0.00938	3.3225
R12-41	AQA-14288	140.7	142	0.053	0.8	0.1073	0.0155	2.8159
R12-41	AQA-14289	142	143.5	0.038	0.8	0.107	0.0138	2.6173
R12-41	AQA-14290	143.5	145	0.026	0.8	0.0718	0.0138	2.0698
R12-41	AQA-14291	145	146.64	0.05	0.9	0.1246	0.0155	3.2707
R12-41	AQA-14292	146.64	147.77	0.073	1.1	0.156	0.015	3.9899
R12-41	AQA-14293	147.77	149.15	0.112	0.9	0.097	0.0141	3.2055
R12-41	AQA-14294	149.15	150.51	0.058	0.7	0.1145	0.0151	3.6576
R12-41	AQA-14295	150.51	151.6	0.058	0.9	0.1163	0.0238	2.9498
R12-41	AQA-14296	151.6	153	0.05	0.4	0.0564	0.0161	1.8546
R12-41	AQA-14299	153	154.15	0.019	0.2	0.049	0.00721	1.6488
R12-41	AQA-14300	154.15	155.17	0.038	0.9	0.1318	0.0689	3.2061
R12-41	AQA-14301	155.17	156.5	0.124	0.4	0.0388	0.0891	0.79916
R12-41	AQA-14302	156.5	158	0.095	0.1	0.0099	0.00523	0.1993
R12-41	AQA-14303	158	159.5	0.077	0.05	0.0092	0.00229	0.20598
R12-41	AQA-14304	159.5	161	0.135	0.2	0.0335	0.00736	0.99514
R12-41	AQA-14305	161	162.5	0.086	0.1	0.0276	0.00672	0.82016
R12-41	AQA-14306	162.5	163.75	0.032	0.1	0.013	0.00399	0.38477
R12-41	AQA-14307	163.75	164.75	0.116	0.3	0.0359	0.00577	0.92624
R12-41	AQA-14308	164.75	166	0.116	0.4	0.064	0.00913	1.5375
R12-41	AQA-14309	166	167.49	0.098	0.5	0.0535	0.0295	1.0061
R12-41	AQA-14310	167.49	169.01	0.199	0.9	0.1329	0.00206	1.9547
R12-41	AQA-14311	169.01	170.5	0.399	1.6	0.1793	0.000905	1.9587
R12-41	AQA-14312	170.5	172	0.404	0.7	0.0891	0.0432	1.1649
R12-41	AQA-14313	172	173.5	0.042	0.7	0.078	0.0181	0.4241
R12-41	AQA-14314	173.5	175	0.019	0.3	0.0275	0.0134	0.30909
R12-41	AQA-14315	175	176.5	0.01	0.1	0.017	0.0257	0.22002

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
R12-41	AQA-14316	176.5	178	0.007	0.2	0.0064	0.164	0.099146
R12-41	AQA-14317	178	179.12	0.017	0.3	0.0175	0.0247	0.26851
R12-42	AQA-14318	0	1.52	0	0.3	0.008	0.166	0.020593
R12-42	AQA-14319	1.52	3.2	0.137	0.2	0.0117	0.135	0.006854
R12-42	AQA-14320	3.2	3.66	0.086	0.05	0.0107	0.0489	0.004091
R12-42	AQA-14321	3.66	4.88	0.043	0.05	0.0096	0.0302	0.0041266
R12-42	AQA-14322	4.88	5.95	0.123	0.4	0.0127	0.00788	0.014467
R12-42	AQA-14323	5.95	7.32	0.056	0.05	0.0126	0.00307	0.0002296
R12-42	AQA-14324	7.32	8.54	0	0.3	0.0555	0.0163	0.48167
R12-42	AQA-14325	8.54	10	0	1.6	0.0995	0.0398	1.5504
R12-42	AQA-14326	10	11.5	0	0.7	0.0455	0.00775	1.0414
R12-42	AQA-14327	11.5	13	0	0.6	0.0308	0.0137	0.52562
R12-42	AQA-14328	13	14.63	0	1	0.0436	0.0105	0.85028
R12-42	AQA-14329	14.63	16.46	0.01	1.1	0.1813	0.119	0.79108
R12-42	AQA-14330	16.46	18	0	0.8	0.0384	0.162	0.55567
R12-42	AQA-14331	18	19.5	0	0.7	0.0321	0.0372	0.6392
R12-42	AQA-14332	19.5	21	0	1.4	0.072	0.107	1.0836
R12-42	AQA-14333	21	22.26	0.007	1	0.0374	0.106	0.42485
R12-42	AQA-14334	22.26	23.78	0	0.6	0.0204	0.125	0.30299
R12-42	AQA-14335	23.78	25.3	0	0.4	0.0394	0.0207	1.1187
R12-42	AQA-14336	25.3	26.86	0	0.6	0.0404	0.025	0.91309
R12-42	AQA-14339	26.86	28.25	0	0.5	0.0377	0.0381	0.80419
R12-42	AQA-14340	28.25	29.75	0	0.8	0.0279	0.0266	0.62371
R12-42	AQA-14341	29.75	31.25	0	0.9	0.046	0.0593	1.0731
R12-42	AQA-14342	31.25	32.3	0.017	1.5	0.0708	0.0064	1.7841
R12-42	AQA-14343	32.3	33.6	0	0.2	0.0125	0.0229	0.20597
R12-42	AQA-14344	33.6	35	0	0.4	0.0143	0.0197	0.45909
R12-42	AQA-14345	35	36.5	0	0.8	0.0261	0.0343	0.71581
R12-42	AQA-14346	36.5	38	0	0.6	0.0233	0.0946	0.55412
R12-42	AQA-14347	38	39.5	0	0.7	0.0295	0.104	0.67819
R12-42	AQA-14348	39.5	40.7	0	0.05	0.0461	0.12	0.99813
R12-42	AQA-14349	40.7	42	0	0.5	0.0385	0.0606	0.90771
R12-42	AQA-14350	42	43.5	0	0.4	0.0443	0.0481	1.3625
R12-42	AQA-14351	43.5	45	0	0.3	0.0397	0.0179	0.87651
R12-42	AQA-14352	45	46.2	0	0.7	0.0458	0.0509	0.91417
R12-42	AQA-14353	46.2	47.3	0	0.6	0.04	0.0255	0.9508
R12-42	AQA-14354	47.3	48.4	0	0.7	0.0471	0.0441	1.2568
R12-42	AQA-14355	48.4	49.5	0	0.2	0.0368	0.0209	0.82767
R12-42	AQA-14356	49.5	50.7	0.076	0.4	0.0356	0.035	0.722
R12-42	AQA-14357	50.7	52.2	0	0.5	0.0446	0.0697	1.0909
R12-42	AQA-14360	52.2	53.2	0	0.4	0.0713	0.0383	1.2875
R12-42	AQA-14361	53.2	54.27	0	0.8	0.0788	0.00406	1.6807
R12-42	AQA-14362	54.27	55.5	0	0.2	0.0281	0.0426	0.59692
R12-42	AQA-14363	55.5	56.84	0	0.4	0.079	0.0121	1.8714
R12-42	AQA-14364	56.84	58	0.009	1.3	0.1105	-0.00229	2.4144
R12-42	AQA-14365	58	59	0.009	1.4	0.14	0.0081	2.7953

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R12-42	AQA-14366	59	60	0	0.4	0.0659	0.0214	1.1642
R12-42	AQA-14367	60	61.49	0	0.5	0.0589	0.0241	1.4957
R12-42	AQA-14368	61.49	62.87	0	0.4	0.0376	0.0131	1.0263
R12-42	AQA-14369	62.87	64.2	0.023	1.4	0.1171	0.0261	2.7585
R12-42	AQA-14370	64.2	65.55	0.016	1.2	0.0798	0.00252	1.626
R12-42	AQA-14371	65.55	67	0.008	1.5	0.0556	0.00714	1.1837
R12-42	AQA-14372	67	68.5	0.009	1.2	0.0536	0.00472	1.124
R12-42	AQA-14373	68.5	69.6	0.072	1.4	0.0535	0.00405	1.3163
R12-42	AQA-14374	69.6	70.9	0.051	1.1	0.0466	0.0047	1.1439
R12-42	AQA-14375	70.9	72	0.246	2.2	0.1549	0.0124	2.8004
R12-42	AQA-14376	72	73.5	0.102	2.6	0.1217	0.0154	2.8219
R12-42	AQA-14377	73.5	75	0.029	1	0.0604	0.00792	1.4137
R12-42	AQA-14378	75	76.35	0.088	2.2	0.1416	0.00532	2.7123
R12-42	AQA-14381	76.35	77.5	0.122	1.8	0.1492	0.014	3.6386
R12-42	AQA-14382	77.5	78.54	0.093	1.6	0.1267	0.0114	2.8164
R12-42	AQA-14383	78.54	80	0.226	2.3	0.1707	0.0188	3.2557
R12-42	AQA-14384	80	81.5	0.101	1.5	0.1223	0.0277	2.9104
R12-42	AQA-14385	81.5	82.97	0.059	1	0.0867	0.0143	2.1337
R12-42	AQA-14386	82.97	84.5	0.072	0.8	0.0339	0.00621	0.3264
R12-42	AQA-14387	84.5	86	0.014	0.3	0.0259	0.0393	0.45576
R12-42	AQA-14388	86	87.03	0	0.6	0.036	0.0313	0.50287
R12-42	AQA-14389	87.03	88.5	0	0.7	0.0286	0.0347	0.50989
R12-42	AQA-14390	88.5	90	0.038	1.6	0.0719	0.0203	0.91726
R12-42	AQA-14391	90	91.5	0.123	2	0.0426	0.0125	0.36974
R12-42	AQA-14392	91.5	93	0	0.7	0.0395	0.0268	0.61469
R12-42	AQA-14393	93	94.5	0	0.6	0.0312	0.0326	0.53581
R12-42	AQA-14394	94.5	96	0	0.6	0.0346	0.0293	0.52645
R12-42	AQA-14395	96	97.5	0	0.6	0.0373	0.0433	0.593
R12-42	AQA-14396	97.5	98.7	0	0.5	0.0336	0.0529	0.48078
R12-42	AQA-14397	98.7	100	0	1	0.0436	0.0786	0.40098
R12-42	AQA-14398	100	101	0.02	1.1	0.0652	0.297	0.50776
R12-42	AQA-14399	101	102	0	0.7	0.0342	0.0365	0.4741
R12-42	AQA-14402	102	103.05	0	0.5	0.0183	0.0807	0.30822
RF86-02	1	12.8	14.21	0.032	0.4	0.0421	0.0337	1.5487
RF86-02	2	14.21	15.55	0.007	0.1	0.0048	0.0649	0.10765
RF86-02	3	15.55	17.07	0.027	0.2	0.0111	0.0872	0.51613
RF86-02	4	17.07	18.45	0.014	0.05	0.0095	0.0494	0.40339
RF86-02	5	18.45	19.82	0	0.2	0.0093	0.0186	0.30166
RF86-02	808672	19.82	20.73	0.027	0.2	0.0411	0.0589	1.3166
RF86-02	808673	20.73	21.65	0.023	0.2	0.0209	0.0457	0.94888
RF86-02	808674	21.65	22.56	0.094	0.4	0.0508	0.0477	1.9847
RF86-02	808675	22.56	23.48	0.03	0.3	0.0444	0.0409	2.0694
RF86-02	808676	23.48	24.39	0.014	0.05	0.0092	0.0432	0.46543
RF86-02	808677	24.39	25.3	0.018	0.1	0.0322	0.0701	1.0966
RF86-02	808678	25.3	26.22	0.053	0.2	0.0476	0.0479	2.3628
RF86-02	808679	26.22	27.13	0.045	0.2	0.064	0.0764	2.7436

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF86-02	808680	27.13	27.74	0.03	0.3	0.0587	0.0961	3.8001
RF86-02	6	27.74	28.66	-999	-999	0.0307	0.0693	1.3163
RF86-02	7	28.66	29.88	0.063	0.3	0.0257	0.0762	0.88998
RF86-02	8	29.88	30.79	0.138	0.3	0.0288	0.0554	1.5815
RF86-02	9	30.79	32.01	0.017	0.2	0.0151	0.0569	0.60184
RF86-02	10	32.01	33.54	0.012	0.2	0.027	0.0519	0.32688
RF86-02	11	33.54	35.06	0.023	0.2	0.0273	0.0248	0.81472
RF86-02	12	35.06	36.59	0.042	0.4	0.0357	0.0303	1.475
RF86-02	13	36.59	38.11	0.021	0.3	0.0165	0.0476	0.60561
RF86-02	14	38.11	39.63	0.02	0.3	0.017	0.0348	0.55072
RF86-02	15	39.63	40.55	0.027	0.2	0.0145	0.0634	0.55291
RF86-02	16	40.55	41.16	0.034	0.3	0.0186	0.119	0.71619
RF86-02	17	41.16	41.86	0.1	0.8	0.1028	0.0578	4.1584
RF86-02	18	41.86	42.68	0.102	0.3	0.0254	0.0743	0.75672
RF86-02	19	42.68	43.35	0.035	0.7	-999	0.0397	2.127
RF86-02	20	43.35	44.21	0.041	0.2	-999	0.0586	0.065466
RF86-02	808681	44.21	45.12	0.045	0.1	0.0519	0.141	1.0659
RF86-02	808682	45.12	45.73	0.057	0.3	0.0527	0.0518	1.501
RF86-02	808683	45.73	46.59	0.1	0.05	0.0053	0.052	0.11784
RF86-02	808684	46.59	47.5	0.589	1.4	0.2326	0.0552	3.5854
RF86-02	808685	47.5	48.48	3.83	1	0.122	0.0817	2.9647
RF86-02	808686	48.48	49.39	0.495	0.9	0.2045	0.0475	3.3721
RF86-02	808687	49.39	50.3	0.326	0.8	0.1448	0.0538	2.4118
RF86-02	808688	50.3	51.22	0.91	1.6	0.279	0.0478	2.2593
RF86-02	808689	51.22	52.13	0.779	1.5	0.2151	0.0446	3.1673
RF86-02	808690	52.13	52.74	2.887	1.5	0.1677	0.0692	9.5998
RF86-02	808691	52.74	53.66	0.501	0.7	0.209	0.0661	1.8465
RF86-02	808692	53.66	54.57	1.562	1.8	0.2736	0.0635	7.1108
RF86-02	808693	54.57	55.49	0.355	2.2	0.4266	0.0506	2.9762
RF86-02	808694	55.49	56.4	0.917	2.9	0.554	0.0566	3.7826
RF86-02	808695	56.4	57.01	1.375	2.7	0.3354	0.0482	4.2878
RF86-02	808696	57.01	57.16	3.446	3.8	0.6459	0.352	31.796
RF86-02	808697	57.16	57.93	0.893	1.4	0.2927	0.0737	4.59
RF86-02	808698	57.93	58.54	0.166	0.3	0.0976	0.0515	1.7182
RF86-02	21	58.54	59.45	0.101	0.7	-999	0.0247	1.9725
RF86-02	22	59.45	60.43	0.108	0.7	-999	0.0238	1.7982
RF86-02	23	60.43	61.28	0.077	0.4	-999	0.0297	1.1377
RF86-02	24	61.28	62.5	0.073	0.3	-999	0.0245	0.932
RF86-02	25	62.5	63.41	0.033	0.2	-999	0.0257	0.32851
RF86-02	26	63.41	64.63	0.063	0.3	-999	0.025	0.4508
RF86-02	27	64.63	65.85	0.052	0.2	-999	0.0252	0.25292
RF86-02	28	65.85	67.07	0.104	0.3	-999	0.103	0.40564
RF86-02	29	67.07	68.29	0.706	0.3	-999	0.0443	0.29797
RF86-02	30	68.29	69.51	0.343	0.4	-999	0.044	0.88168
RF86-02	31	69.51	70.73	0.087	0.3	-999	0.0338	1.4517
RF86-02	32	70.73	71.95	0.123	0.4	-999	0.0361	1.4198

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF86-02	33	71.95	73.17	1.526	0.7	-999	0.0276	2.2441
RF86-02	34	73.17	74.39	0.197	0.2	-999	0.0252	1.1091
RF86-02	35	74.39	75.61	0.241	0.3	-999	0.0217	0.85218
RF86-02	36	75.61	76.83	0.036	0.3	-999	0.026	1.2208
RF86-02	37	76.83	78.05	0.021	0.3	-999	0.0529	0.66312
RF86-02	38	78.05	79.27	0.01	0.2	-999	0.0244	0.34601
RF86-02	39	79.27	80.79	0.043	0.4	-999	0.0248	0.83195
RF86-02	40	80.79	81.71	0.031	0.3	-999	0.0247	0.70527
RF86-02	41	81.71	82.62	0.058	0.5	-999	0.0288	1.109
RF86-02	42	82.62	83.54	0.063	0.4	-999	0.0287	0.94996
RF86-02	43	83.54	83.99	0.163	1.2	-999	0.0157	4.2705
RF86-02	44	83.99	85.06	0.07	0.5	-999	0.0214	1.3092
RF86-02	45	85.06	86.22	0.261	0.4	-999	0.0277	0.5411
RF86-02	46	86.22	86.89	0.134	0.5	-999	0.0256	1.0929
RF86-02	47	86.89	88.11	0.08	0.6	-999	0.0236	1.5902
RF86-02	808699	88.11	89.02	0.131	1.3	0.5736	0.0463	2.6761
RF86-02	808700	89.02	89.94	0.127	0.2	0.0756	0.0633	1.5474
RF86-02	808701	89.94	90.85	0.144	0.5	0.1124	0.0551	2.5528
RF86-02	808702	90.85	91.77	0.274	0.4	0.0951	0.0509	2.1754
RF86-02	808703	91.77	92.68	2.843	0.4	0.0656	0.0535	1.7836
RF86-02	808704	92.68	93.6	10.731	0.6	0.0603	0.0534	1.3439
RF86-02	808705	93.6	94.51	0.827	1.1	0.2703	0.0487	3.257
RF86-02	808706	94.51	95.43	1.391	0.4	0.0594	0.0359	1.0768
RF86-02	808707	95.43	96.34	2.271	1.5	0.1889	0.0447	2.7125
RF86-02	808708	96.34	97.26	2.957	7.9	1.13	0.0591	7.8229
RF86-02	808709	97.26	97.87	1.354	3.2	0.3341	0.0496	3.7164
RF86-02	808710	97.87	98.48	2.379	10	1.55	0.0492	6.318
RF86-02	808711	98.48	99.39	0.51	2	0.1818	0.0532	1.4422
RF86-02	808712	99.39	100	1.301	2.9	0.2394	0.0478	1.3736
RF86-02	808713	100	100.91	7.838	15	1.21	0.0598	7.2541
RF86-02	808714	100.91	101.83	7.394	19	1.17	0.0727	10.218
RF86-02	808715	101.83	102.74	10.336	21.9	1.34	0.0578	6.5311
RF86-02	808716	102.74	103.66	2.155	5.9	0.4174	0.0977	3.5865
RF86-02	48	103.66	104.12				0.0515	1.2148
RF86-02	49	104.12	105.34	0.148	0.9	-999	0.0246	1.6403
RF86-02	50	105.34	106.19	0.159	1.5	-999	0.0405	2.3743
RF86-02	51	106.19	106.86	0.038	0.6	-999	0.0738	0.67476
RF86-02	52	106.86	108.14	0.071	1.4	-999	0.0384	2.5838
RF86-02	53	108.14	109.15	0.043	0.8	-999	0.0385	1.7611
RF86-02	54	109.15	110.61	0.098	1.7	-999	0.0818	1.9558
RF86-02	55	110.61	111.28	0.036	0.6	-999	0.133	0.57451
RF86-02	56	111.28	111.68	0.209	2.6	-999	0.0595	3.797
RF86-02	57	111.68	112.8	0.012	0.4	-999	0.0961	0.48918
RF86-02	58	112.8	114.63	0.033	0.4	-999	0.0522	0.8676
RF86-02	59	114.63	116.46	0.016	0.2	-999	0.0554	0.76272
RF86-02	60	116.46	117.68	0.025	0.3	-999	0.088	1.7304

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF86-02	61	117.68	118.75	0.02	0.4	-999	0.0779	1.4864
RF86-02	62	118.75	120.12	0	0.05	-999	0.0328	0.4864
RF86-02	63	120.12	121.65	0	0.2	-999	0.0321	0.20813
RF86-02	64	121.65	123.17	0	0.2	-999	0.0482	0.026359
RF86-02	65	123.17	124.51	0	0.2	-999	0.0521	0.23833
RF86-02	66	124.51	125.61	0.035	0.7	-999	0.0883	2.0669
RF86-02	67	125.61	126.98	0.024	0.7	-999	0.0862	2.1856
RF86-02	68	126.98	128.35	0.021	0.6	-999	0.0893	1.673
RF86-02	69	128.35	129.57	0.007	0.4	-999	0.0756	0.92081
RF86-02	70	129.57	131.1	0.007	0.4	-999	0.0594	0.73377
RF86-02	71	131.1	132.62	0.005	0.4	-999	0.0668	0.49172
RF86-02	72	132.62	133.84	0	0.3	-999	0.0614	0.34059
RF86-02	808717	133.84	135.06	0.061	0.6	0.1066	0.112	2.6691
RF86-02	73	135.06	136.28	0.038	1.1	-999	0.0632	3.1895
RF86-02	74	136.28	137.5	0.031	0.9	-999	0.0549	3.0023
RF86-02	75	137.5	138.72	0.029	1.1	-999	0.0221	3.0328
RF86-02	76	138.72	139.94	0.022	1	-999	0.0307	2.4636
RF86-02	77	139.94	141.16	0.02	0.9	-999	0.0181	2.7498
RF86-02	78	141.16	142.38	0.02	0.7	-999	0.0151	1.9618
RF86-02	79	142.38	143.75	0.016	0.6	-999	0.0382	1.828
RF86-02	80	143.75	145.12	0.015	0.6	-999	0.0279	1.8428
RF86-02	81	145.12	146.34	0.017	0.7	-999	0.0374	1.8022
RF86-02	82	146.34	147.56	0.039	1	-999	0.0437	2.4787
RF86-02	83	147.56	148.78	0.037	1	-999	0.0227	2.6925
RF86-02	84	148.78	150	0.025	0.9	-999	0.0201	2.7274
RF86-02	85	150	151.22	0.026	0.6	-999	0.0455	2.1628
RF86-02	86	151.22	152.44	0.027	0.6	-999	0.0181	2.4677
RF86-02	87	152.44	153.96	0.009	0.3	-999	0.0289	1.1581
RF86-02	88	153.96	155.49	0.033	0.4	-999	0.0314	1.4465
RF86-02	89	155.49	156.4	0.01	0.9	-999	0.028	5.1413
RF86-02	90	156.4	157.62	0.013	0.5	-999	0.0233	2.0927
RF86-02	91	157.62	158.84	0.017	0.6	-999	0.0307	2.5103
RF86-02	92	158.84	160.06	0.018	0.7	-999	0.0184	2.8273
RF86-02	93	160.06	161.28	0.016	0.6	-999	0.0227	2.6703
RF86-02	94	161.28	162.5	0.009	0.7	-999	0.0216	2.505
RF87-05	AQA-19356	13.41	15.25	0.012	0.1	0.0026	0.238	0.013139
RF87-05	AQA-19357	15.25	16.16	0.017	0.1	0.007	0.672	0.025732
RF87-05	AQA-19358	16.16	16.8	0	0.3	0.0192	0.947	0.06831
RF87-05	AQA-19359	16.8	17.93	0.198	0.2	0.0015	0.309	0.019074
RF87-05	8705001	17.93	18.66	0.12	0.4	0.0329	-999	-999
RF87-05	8705002	18.66	19.51	0.516	0.6	0.0301	-999	-999
RF87-05	8705003	19.51	20.27	5.195	0.3	0.0118	-999	-999
RF87-05	8705004	20.27	21.55	0.024	0.2	0.0279	-999	-999
RF87-05	8705005	21.55	23.02	0.118	0.6	0.0369	-999	-999
RF87-05	8705006	23.02	23.93	0.164	0.2	0.0114	-999	-999
RF87-05	8705007	23.93	25	0.052	0.4	0.028	-999	-999

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RF87-05	8705008	25	26.13	0.014	0.2	0.0203	-999	-999
RF87-05	8705009	26.13	27.38	0.146	0.3	0.0211	-999	-999
RF87-05	8705010	27.38	28.66	0.05	0.2	0.0133	-999	-999
RF87-05	8705011	28.66	29.57	0.018	0.3	0.02	-999	-999
RF87-05	8705012	29.57	30.79	0.032	0.5	0.0415	-999	-999
RF87-05	8705013	30.79	32.01	0.015	0.5	0.0287	-999	-999
RF87-05	8705014	32.01	33.54	0.017	0.4	0.0207	-999	-999
RF87-05	8705015	33.54	34.79	0.011	0.3	0.0186	-999	-999
RF87-05	8705016	34.79	36.28	0.02	0.05	0.0268	-999	-999
RF87-05	8705017	36.28	37.8	0.026	0.2	0.0194	-999	-999
RF87-05	8705018	37.8	38.93	0.054	0.3	0.0199	-999	-999
RF87-05	8705019	38.93	40.55	0.043	0.3	0.029	-999	-999
RF87-05	8705020	40.55	42.07	0.051	0.2	0.0385	-999	-999
RF87-05	8705022	42.07	43.45	0.026	0.7	0.0775	-999	-999
RF87-05	8705023	43.45	44.82	0.46	0.3	0.0352	-999	-999
RF87-05	8705024	44.82	46.04	0.034	0.05	0.0102	-999	-999
RF87-05	8705025	46.04	46.95	0.022	0.4	0.0562	-999	-999
RF87-05	8705026	46.95	48.38	0.175	0.2	0.03	-999	-999
RF87-05	8705027	48.38	49.39	0.053	0.7	0.0698	-999	-999
RF87-05	8705028	49.39	50.91	0.072	0.1	0.0227	-999	-999
RF87-05	8705029	50.91	52.44	0.031	0.05	0.0157	-999	-999
RF87-05	8705030	52.44	54.09	0.042	0.4	0.0408	-999	-999
RF87-05	8705031	54.09	55.49	0.034	0.7	0.0546	-999	-999
RF87-05	8705032	55.49	57.01	0.016	0.2	0.0277	-999	-999
RF87-05	8705033	57.01	58.54	0.041	0.1	0.0151	-999	-999
RF87-05	8705034	58.54	60.06	0.018	0.2	0.021	-999	-999
RF87-05	8705035	60.06	61.59	0.009	0.2	0.0181	-999	-999
RF87-05	8705036	61.59	63.2	0.032	0.1	0.0091	-999	-999
RF87-05	8705038	63.2	64.63	0.406	0.2	0.049	-999	-999
RF87-05	8705039	64.63	66.16	0.431	0.2	0.0267	-999	-999
RF87-05	8705040	66.16	67.68	0.064	0.2	0.0296	-999	-999
RF87-05	8705041	67.68	68.9	0.031	0.3	0.0401	-999	-999
RF87-05	8705042	68.9	70.12	0.024	0.2	0.0402	-999	-999
RF87-05	8705043	70.12	70.98	0.133	0.5	0.0692	-999	-999
RF87-05	8705044	70.98	71.95	0.257	1	0.1235	-999	-999
RF87-05	8705045	71.95	72.87	0.063	0.8	0.1103	-999	-999
RF87-05	8705046	72.87	73.78	0.027	0.3	0.0542	-999	-999
RF87-05	8705047	73.78	74.94	0.048	0.6	0.0843	-999	-999
RF87-05	8705048	74.94	76.22	0.143	0.2	0.0439	-999	-999
RF87-05	8705049	76.22	77.44	0.032	0.3	0.0423	-999	-999
RF87-05	8705050	77.44	78.35	0.022	0.2	0.0401	-999	-999
RF87-05	8705051	78.35	79.27	0.043	0.5	0.0628	-999	-999
RF87-05	8705052	79.27	80.27	0.041	0.6	0.0999	-999	-999
RF87-05	8705054	80.27	81.65	0.016	0.3	0.0396	-999	-999
RF87-05	8705055	81.65	82.77	0.009	0.1	0.023	-999	-999
RF87-05	8705056	82.77	83.54	0.021	0.2	0.0472	-999	-999

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RF87-05	8705057	83.54	84.39	0.013	0.3	0.0874	-999	-999
RF87-05	8705058	84.39	85.52	0.048	0.5	0.0958	-999	-999
RF87-05	8705059	85.52	86.59	0.044	0.5	0.1073	-999	-999
RF87-05	8705060	86.59	87.8	0.047	0.5	0.1047	-999	-999
RF87-05	8705061	87.8	89.02	0.037	0.3	0.0644	-999	-999
RF87-05	8705062	89.02	90.24	0.018	0.2	0.036	-999	-999
RF87-05	8705063	90.24	91.77	0	0.05	0.0037	-999	-999
RF87-05	8705064	91.77	92.99	0.102	0.2	0.0252	-999	-999
RF87-05	8705065	92.99	94.33	0.012	0.05	0.0175	-999	-999
RF87-05	8705066	94.33	95.58	0.009	0.05	0.0037	-999	-999
RF87-05	8705067	95.58	96.19	0.118	0.2	0.0356	-999	-999
RF87-05	8705068	96.19	97.13	0.034	0.2	0.1786	-999	-999
RF87-05	8705070	97.13	97.56	0.068	0.7	0.0436	-999	-999
RF87-05	8705071	97.56	98.14	0.183	2	0.2454	-999	-999
RF87-05	8705072	98.14	99.09	0.072	0.7	0.1054	-999	-999
RF87-05	8705073	99.09	100.3	0.038	0.7	0.066	-999	-999
RF87-05	8705074	100.3	101.52	0.053	0.3	0.0335	-999	-999
RF87-05	8705075	101.52	102.74	0.186	0.3	0.0138	-999	-999
RF87-05	8705076	102.74	103.66	0.334	0.5	0.0567	-999	-999
RF87-05	8705077	103.66	104.57	0.693	0.4	0.0218	-999	-999
RF87-05	8705078	104.57	105.24	0.081	0.3	0.0158	-999	-999
RF87-05	8705079	105.24	105.55	0.947	2.7	0.2309	-999	-999
RF87-05	8705080	105.55	106.01	0.943	1.8	0.141	-999	-999
RF87-05	8705081	106.01	106.49	13.855	7.2	0.4316	-999	-999
RF87-05	8705082	106.49	106.8	6.478	3	0.2157	-999	-999
RF87-05	8705083	106.8	107.16	0.187	1.6	0.1356	-999	-999
RF87-05	8705084	107.16	107.99	0.159	1.5	0.1558	-999	-999
RF87-05	8705086	107.99	108.69	0.308	2.4	0.2176	-999	-999
RF87-05	8705087	108.69	109.33	1.588	4.6	0.3986	-999	-999
RF87-05	8705088	109.33	110	1.03	7.2	0.5812	-999	-999
RF87-05	8705089	110	110.52	41.884	16.5	0.696	-999	-999
RF87-05	8705090	110.52	111.13	16.381	4.9	0.3347	-999	-999
RF87-05	8705091	111.13	112.07	0.7	1.2	0.1255	-999	-999
RF87-05	8705092	112.07	113.14	0.14	0.7	0.0859	-999	-999
RF87-05	8705093	113.14	114.33	0.159	0.9	0.0952	-999	-999
RF87-05	8705094	114.33	115.55	0.261	0.9	0.0626	-999	-999
RF87-05	8705095	115.55	116.55	0.183	0.6	0.0461	-999	-999
RF87-05	8705096	116.55	117.68	0.037	0.3	0.0465	-999	-999
RF87-05	8705097	117.68	118.72	0.213	0.6	0.0655	-999	-999
RF87-05	8705098	118.72	119.36	0.52	0.8	0.089	-999	-999
RF87-05	AQA-19361	119.36	120.68	0.359	1.2	0.1338	0.0612	2.6239
RF87-05	AQA-19362	120.68	122.04	0.188	1.1	0.1003	0.0329	2.067
RF87-05	AQA-19363	122.04	123.22	0.238	1.3	0.1657	0.0364	2.2731
RF87-05	AQA-19364	123.22	124.5	0.262	1.2	0.1509	0.0278	2.2037
RF87-05	AQA-19365	124.5	126	0.094	0.6	0.0494	0.0232	0.86017
RF87-05	AQA-19366	126	127.5	0.083	0.7	0.045	0.0264	1.1031

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-05	AQA-19368	127.5	128.4	0.299	2.2	0.2439	0.0304	2.3229
RF87-05	AQA-19369	128.4	129.5	0.046	0.6	0.0291	0.0421	0.59876
RF87-05	AQA-19370	129.5	130.91	0.456	0.5	0.0411	0.0429	0.81564
RF87-05	AQA-19371	130.91	132.5	0.32	0.3	0.0267	0.136	0.82358
RF87-05	AQA-19372	132.5	134	0.206	0.1	0.0145	0.0732	0.70127
RF87-05	AQA-19373	134	135.5	0.332	0.2	0.0192	0.0747	0.80394
RF87-05	AQA-19374	135.5	137	0.063	0.2	0.0176	0.0726	0.95897
RF87-05	AQA-19375	137	138.5	0.563	0.4	0.0353	0.0978	1.6529
RF87-05	AQA-19377	138.5	140.1	1.399	0.3	0.0208	0.0816	1.1918
RF87-05	AQA-19378	140.1	141.75	0.051	0.1	0.0116	0.0902	0.62784
RF87-05	AQA-19379	141.75	143.29	0.039	0.2	0.014	0.137	0.73113
RF87-05	AQA-19380	143.29	144.5	0.016	0.1	0.0051	0.0482	0.41656
RF87-05	AQA-19381	144.5	145.58	0.033	0.3	0.008	0.0516	0.81168
RF87-05	AQA-19382	145.58	147	0.013	0.05	0.0128	0.244	0.74466
RF87-05	AQA-19383	147	148.57	0.022	0.4	0.04	0.0408	1.6671
RF87-05	AQA-19384	148.57	150	0.065	0.7	0.0886	0.0296	2.5944
RF87-05	AQA-19385	150	151.5	0.048	0.4	0.05	0.0565	1.9212
RF87-05	AQA-19386	151.5	153	0.08	0.5	0.0632	0.0545	2.0367
RF87-05	AQA-19387	153	154.7	0.054	0.6	0.0764	0.0404	2.3519
RF87-05	AQA-19388	154.7	156.4	0.044	0.5	0.0751	0.0318	1.8441
RF87-05	AQA-19389	156.4	158	0.032	0.2	0.0254	0.0559	0.99839
RF87-05	AQA-19390	158	159.45	0.009	0.1	0.0075	0.028	0.36128
RF87-05	AQA-19392	159.45	161	0.017	0.05	0.0032	0.0248	0.16914
RF87-05	AQA-19393	161	162.5	0.052	0.2	0.0272	0.0639	0.99553
RF87-05	AQA-19394	162.5	164	1.877	0.3	0.0196	0.0313	0.98027
RF87-05	AQA-19395	164	165.55	0.026	0.05	0.0096	0.0238	0.45254
RF87-05	AQA-19396	165.55	167	0.021	0.05	0.0181	0.0289	1.0181
RF87-05	AQA-19397	167	168.6	0.04	0.2	0.0097	0.0326	0.47696
RF87-05	AQA-19398	168.6	169.82	0	0.2	0.0058	0.0406	0.16836
RF87-05	AQA-19399	169.82	171	0.032	0.9	0.0699	0.0689	1.3432
RF87-05	AQA-19400	171	172.5	0.014	0.6	0.0552	0.0534	1.5194
RF87-05	AQA-19401	172.5	174	0.024	0.8	0.0744	0.0348	2.2348
RF87-05	AQA-19402	174	175.5	0.038	1.2	0.1301	0.0367	3.6965
RF87-05	AQA-19403	175.5	177	0.026	1	0.1194	0.0354	2.9726
RF87-05	AQA-19404	177	178.55	0.031	1.1	0.1291	0.0309	3.6544
RF87-05	AQA-19405	178.55	180.05	0.025	0.8	0.1013	0.0272	2.608
RF87-05	AQA-19407	180.05	181.45	0.034	0.8	0.1066	0.0396	3.9451
RF87-05	AQA-19408	181.45	183.1	0.028	0.9	0.1038	0.0545	3.2387
RF87-05	AQA-19409	183.1	184.85	0.033	0.9	0.1061	0.0418	3.1502
RF87-05	AQA-19410	184.85	186	0.035	0.8	0.0939	0.0247	2.5087
RF87-05	AQA-19411	186	187.56	0.077	1	0.1034	0.0314	4.2758
RF87-05	AQA-19412	187.56	189	0.018	0.5	0.0656	0.034	1.7297
RF87-05	AQA-19413	189	190.55	0.038	0.4	0.0286	0.0243	1.0999
RF87-05	AQA-19414	190.55	192.35	0.015	0.2	0.0627	0.0245	1.6559
RF87-05	AQA-19415	192.35	193.3	0.028	0.7	0.1139	0.0337	3.0589
RF87-05	AQA-19416	193.3	194.33	0.031	0.7	0.1028	0.0345	2.5257

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-05	AQA-19417	194.33	195.9	0.011	0.4	0.0634	0.0237	1.4767
RF87-05	AQA-19418	195.9	197.1	0.095	0.7	0.1169	0.0275	3.5858
RF87-05	AQA-19419	197.1	198.5	0.023	0.8	0.1144	0.0277	2.4253
RF87-05	AQA-19420	198.5	200	0.013	0.5	0.0536	0.0255	1.6348
RF87-05	AQA-19421	200	201.5	0.03	0.7	0.0988	0.0274	2.7149
RF87-05	AQA-19423	201.5	203	0.026	0.7	0.0695	0.0229	1.7993
RF87-05	AQA-19424	203	204.29	0.037	0.6	0.0567	0.0214	1.6359
RF87-05	AQA-19425	204.29	205.4	0.028	0.6	0.057	0.026	1.2164
RF87-05	AQA-19426	205.4	207	0.015	0.5	0.052	0.0302	1.3845
RF87-05	AQA-19427	207	208.55	0.022	1	0.1082	0.0204	1.9538
RF87-05	AQA-19428	208.55	210.05	0.021	0.7	0.0781	0.0173	1.7978
RF87-05	AQA-19429	210.05	211.48	0.01	0.5	0.044	0.0186	1.3891
RF87-05	AQA-19430	211.48	213.2	0.014	0.8	0.0874	0.0155	2.71
RF87-05	AQA-19431	213.2	214.64	0.012	0.8	0.0771	0.0206	2.5031
RF87-05	AQA-19432	217.69	219.1	0.024	0.6	0.0276	0.0178	1.2174
RF87-05	AQA-19433	219.1	220.59	0.026	0.6	0.0329	0.0236	1.463
RF87-10	AQA-19437	16.79	18	0.062	0.3	0.0081	0.0653	0.73195
RF87-10	AQA-19438	18	19.5	0.101	0.4	0.0038	0.0296	0.11677
RF87-10	AQA-19439	19.5	21	0.474	0.3	0.0141	0.0475	1.2428
RF87-10	AQA-19440	21	22.5	0.145	0.4	0.018	0.0586	1.2114
RF87-10	AQA-19441	22.5	24	0.163	0.2	0.0162	0.0659	1.2316
RF87-10	AQA-19442	24	25.5	0.202	0.3	0.0085	0.0431	0.71521
RF87-10	AQA-19443	25.5	27	0.161	0.3	0.0051	0.0509	0.49899
RF87-10	AQA-19444	27	28.5	0.247	0.3	0.0164	0.0364	1.3945
RF87-10	AQA-19445	28.5	30	0.061	0.1	0.0153	0.0333	1.4459
RF87-10	AQA-19446	30	31.5	0.023	0.1	0.0014	0.0512	0.18203
RF87-10	AQA-19447	31.5	33	0.163	0.05	0.0067	0.029	0.5536
RF87-10	AQA-19448	33	34.5	0.095	0.3	0.0214	0.0252	1.4156
RF87-10	AQA-19449	34.5	36	0.04	0.05	0.0128	0.0258	1.0865
RF87-10	AQA-19450	36	37.5	0.027	0.05	0.0035	0.0554	0.20552
RF87-10	AQA-19451	37.5	39	0.023	0.05	0.0097	0.0701	0.34688
RF87-10	AQA-19452	39	40.3	0.015	0.2	0.0121	0.0816	0.45485
RF87-10	AQA-19453	40.3	41.3	0.034	0.2	0.011	0.0454	3.3845
RF87-10	AQA-19454	41.3	42.5	0.036	0.1	0.0075	0.026	0.77751
RF87-10	AQA-19455	42.5	44	0.015	0.05	0.0079	0.0296	0.56464
RF87-10	AQA-19458	44	45.5	0.014	0.05	0.0094	0.0303	0.70431
RF87-10	AQA-19459	45.5	47	0.022	0.3	0.0138	0.0264	1.2217
RF87-10	AQA-19460	47	48.5	0.068	0.3	0.033	0.0263	2.3556
RF87-10	AQA-19461	48.5	50.29	0.017	0.4	0.0074	0.0382	0.70545
RF87-10	AQA-19462	50.29	51.5	0.012	0.4	0.0052	0.031	0.52
RF87-10	AQA-19463	51.5	53	0.031	0.05	0.0044	0.0238	0.36358
RF87-10	AQA-19464	53	55	0.024	0.2	0.0109	0.0286	1.1316
RF87-10	AQA-19465	55	57	0.026	0.1	0.0115	0.0223	0.72393
RF87-10	AQA-19466	57	59	0.017	0.05	0.0053	0.0219	0.38195
RF87-10	AQA-19467	59	61	0.221	0.05	0.0059	0.0218	0.33868
RF87-10	AQA-19468	61	63	0.064	0.2	0.0079	0.0236	0.45152

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-10	AQA-19469	63	65	0.205	0.5	0.0142	0.0148	0.81788
RF87-10	AQA-19470	65	67	0.025	0.4	0.0135	0.0174	0.96527
RF87-10	AQA-19471	67	69	0.037	0.6	0.0242	0.0167	1.4476
RF87-10	AQA-19472	69	71	0.059	0.6	0.0399	0.0169	1.9092
RF87-10	AQA-19473	71	73	0.031	0.3	0.0117	0.0261	0.71321
RF87-10	AQA-19474	73	75	0.039	0.3	0.0225	0.0251	1.051
RF87-10	AQA-19475	75	76	0.09	0.3	0.0457	0.0345	1.99
RF87-10	AQA-19476	76	77	0.353	0.7	0.0432	0.0484	2.394
RF87-10	AQA-19479	77	78	0.038	0.6	0.0389	0.0602	1.3158
RF87-10	AQA-19480	78	79	0.023	0.2	0.0184	0.0473	0.79734
RF87-10	AQA-19481	79	80.3	0.142	0.3	0.0198	0.0529	2.3537
RF87-10	AQA-19482	80.3	82	0.031	0.2	0.0081	0.0314	0.80781
RF87-10	AQA-19483	82	84.12	0.019	0.1	0.0033	0.0291	0.33942
RF87-10	AQA-19484	84.12	86	0.047	0.2	0.011	0.0539	0.99919
RF87-10	AQA-19485	86	88	0.048	0.4	0.0391	0.116	1.2853
RF87-10	AQA-19486	88	90	0.116	0.6	0.0077	0.0315	0.59089
RF87-10	AQA-19487	90	92	0.029	0.05	0.0109	0.0306	0.77247
RF87-10	AQA-19488	92	94	0.025	0.2	0.0087	0.0301	0.79949
RF87-10	AQA-19489	94	96	0	0.05	0.0031	0.0184	0.26886
RF87-10	AQA-19490	96	98	0.043	0.2	0.0405	0.0349	2.0331
RF87-10	AQA-19491	98	100	0.071	0.4	0.0545	0.0321	2.6402
RF87-10	AQA-19492	100	102	0.173	0.8	0.1021	0.0312	3.7787
RF87-10	AQA-19493	102	104	0.222	0.8	0.1181	0.0286	3.7713
RF87-10	AQA-19494	104	105	0.1	0.3	0.0528	0.04	1.7529
RF87-10	AQA-19495	105	106	0.177	0.2	0.0284	0.0322	1.0713
RF87-10	AQA-19496	106	107	2.565	1.5	0.2226	0.0886	5.2237
RF87-10	AQA-19497	107	108.2	0.154	0.4	0.0744	0.0309	2.4194
RF87-10	AQA-19498	108.2	109.12	0.135	0.6	0.079	0.0277	2.5159
RF87-10	AQA-19501	109.12	111	0.186	0.9	0.1202	0.0418	3.3138
RF87-10	AQA-19502	111	113	0.082	0.4	0.0775	0.0292	2.7592
RF87-10	AQA-19503	113	115	0.047	0.3	0.0587	0.0328	1.9033
RF87-10	AQA-19504	115	117	0.037	0.5	0.0665	0.0316	2.2991
RF87-10	AQA-19505	117	119	0.029	0.3	0.045	0.0341	1.9161
RF87-10	AQA-19506	119	121	0.122	0.6	0.0838	0.0293	3.0759
RF87-10	AQA-19507	121	123	0.071	0.5	0.06	0.0297	2.7752
RF87-10	AQA-19508	123	125	0.067	0.8	0.0674	0.0338	2.4897
RF87-10	AQA-19509	125	127	0.07	0.7	0.0554	0.0382	2.4999
RF87-10	AQA-19510	127	129	0.347	0.8	0.0736	0.0443	3.1269
RF87-10	AQA-19511	129	131	0.09	0.3	0.0463	0.0348	1.8678
RF87-10	AQA-19512	131	133	0.321	0.5	0.0763	0.0338	2.1836
RF87-10	AQA-19513	133	135	0.332	0.3	0.059	0.0293	2.022
RF87-10	AQA-19514	135	137	0.14	0.1	0.0374	0.0258	1.9007
RF87-10	AQA-19515	137	139	0.048	0.05	0.0153	0.0281	0.87281
RF87-10	AQA-19516	139	141	0.09	0.05	0.0128	0.0313	0.736
RF87-10	AQA-19517	141	143	0.118	0.05	0.0111	0.05	0.70091
RF87-10	AQA-19518	143	145	0.021	0.05	0.0071	0.0354	0.49435

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RF87-10	AQA-19519	145	147	0.045	0.05	0.0076	0.0335	0.53294
RF87-10	AQA-19522	147	149	0.213	0.8	0.0989	0.0398	2.5445
RF87-10	AQA-19523	149	150	0.224	0.5	0.031	0.0295	1.3355
RF87-10	AQA-19524	150	151	0.62	0.9	0.0779	0.103	2.7407
RF87-10	AQA-19525	151	153	0.208	0.7	0.0569	0.053	2.2171
RF87-10	AQA-19526	153	155	0.096	0.4	0.0298	0.0403	1.1587
RF87-10	AQA-19527	155	156	0.398	0.6	0.0551	0.0333	1.8261
RF87-10	AQA-19528	156	157.5	0.825	1.4	0.0913	0.0491	3.9368
RF87-10	AQA-19529	157.5	159	0.475	1.2	0.1515	0.0353	2.2152
RF87-10	AQA-19530	159	161	0.274	1.4	0.1218	0.0348	2.4524
RF87-10	AQA-19531	161	162	0.297	1.4	0.1343	0.0312	2.8393
RF87-10	AQA-19532	162	163.27	0.172	1.7	0.1644	0.0408	3.4244
RF87-10	AQA-19533	163.27	165	2.229	9.8	0.4949	0.0385	2.766
RF87-10	AQA-19534	165	166.12	0.159	1	0.1093	0.0371	1.7254
RF87-10	AQA-19535	166.12	168	0.137	1.9	0.177	0.0311	3.0527
RF87-10	AQA-19536	168	169	0.293	2.8	0.247	0.0407	4.325
RF87-10	AQA-19537	169	170	0.448	2.6	0.2317	0.0441	5.2094
RF87-10	AQA-19538	170	171	0.191	1.4	0.2017	0.124	4.5924
RF87-10	AQA-19539	171	172.15	0.272	3.1	0.1933	0.0797	4.0159
RF87-10	AQA-19540	172.15	173.15	0.318	2.3	0.2346	0.0462	3.7488
RF87-10	AQA-19543	173.15	174.25	0.263	1.2	0.0989	0.034	1.3031
RF87-10	AQA-19544	174.25	176	0.313	2.3	0.1803	0.0342	3.1059
RF87-10	AQA-19545	176	178	0.485	2	0.1694	0.0339	2.7068
RF87-10	AQA-19546	178	180	0.293	1.9	0.1473	0.0353	2.3396
RF87-10	AQA-19547	180	182	0.272	2.2	0.1484	0.0311	4.0738
RF87-10	AQA-19548	182	184	0.196	1.7	0.132	0.0297	2.667
RF87-10	AQA-19549	184	185.5	0.186	1.2	0.0946	0.0324	2.1189
RF87-10	AQA-19550	185.5	187	1.142	2	0.1563	0.0389	3.7764
RF87-10	AQA-19551	187	188	2.816	2.1	0.161	0.0384	3.7349
RF87-10	AQA-19552	188	190	0.394	1.8	0.1491	0.035	2.8486
RF87-10	AQA-19553	190	192	0.199	1.1	0.0864	0.0306	2.09
RF87-10	AQA-19554	192	194	0.404	3	0.1943	0.0377	3.3114
RF87-10	AQA-19555	194	195.3	0.545	2	0.1158	0.0377	3.9592
RF87-10	AQA-19556	195.3	196.6	0.624	4.1	0.253	0.0383	5.0158
RF87-10	AQA-19557	196.6	197.6	1.191	4.4	0.2302	0.0453	4.4662
RF87-10	AQA-19558	197.6	198.6	0.262	2	0.196	0.0426	3.0011
RF87-10	AQA-19559	198.6	200	0.397	2.9	0.2315	0.0478	4.7131
RF87-10	AQA-19560	200	202	0.754	2.9	0.2198	0.0356	5.2048
RF87-10	AQA-19561	202	204	0.297	2.6	0.1966	0.0279	3.2588
RF87-10	AQA-19564	204	205	0.851	5.6	0.2819	0.0502	10.033
RF87-10	AQA-19565	205	206.6	0.193	1.5	0.1233	0.0407	2.821
RF87-12	808808	10.67	12.5	0.056	0.4	0.0074	0.0761	0.33205
RF87-12	808809	12.5	13.63	0.058	0.2	0.022	0.0749	0.87662
RF87-12	808810	16.46	17.68	0.019	0.2	0.0077	0.0493	0.39044
RF87-12	808811	17.68	18.9	0.016	0.1	0.0051	0.0505	0.34194
RF87-12	808812	18.9	20.12	0.033	0.3	0.0108	0.0944	0.59123

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-12	808813	20.12	21.34	0.017	0.2	0.0081	0.13	0.22329
RF87-12	808814	21.34	22.56	0.058	0.4	0.0217	0.239	0.77648
RF87-12	808815	22.56	23.78	0.289	0.8	0.0764	0.155	2.5765
RF87-12	808816	23.78	25	0.059	0.2	0.0257	0.0665	0.98928
RF87-12	808817	25	26.22	0.063	0.5	0.0581	0.108	3.8957
RF87-12	808818	26.22	27.44	0.022	0.4	0.0254	0.0413	0.66184
RF87-12	808819	27.44	28.66	0.034	0.2	0.0273	0.033	1.0034
RF87-12	808820	28.66	29.88	0.041	0.3	0.0516	0.0368	1.668
RF87-12	808821	29.88	31.1	0.04	0.3	0.0853	0.0407	2.7235
RF87-12	808822	31.1	32.32	0.076	0.4	0.0974	0.0381	2.4248
RF87-12	808824	32.32	33.38	0.045	0.2	0.0355	0.0335	1.2351
RF87-12	808825	33.38	34.45	0.08	0.4	0.096	0.0586	3.9059
RF87-12	808826	34.45	35.67	0.033	0.3	0.0503	0.045	2.0263
RF87-12	808827	35.67	36.89	0.011	0.05	0.0224	0.0585	1.0317
RF87-12	808828	36.89	38.11	0.097	0.1	0.0255	0.0498	1.2737
RF87-12	808829	38.11	39.33	0.181	0.4	0.0773	0.181	2.3145
RF87-12	808830	39.33	40.55	0.048	0.1	0.0391	0.044	1.2459
RF87-12	808831	40.55	41.77	0.157	0.3	0.0776	0.033	2.1497
RF87-12	808832	41.77	42.99	0.027	0.05	0.0198	0.0331	0.77012
RF87-12	808833	42.99	44.09	0.079	0.3	0.0341	0.0324	1.4207
RF87-12	808834	44.09	44.51	0.061	0.3	0.0739	0.0363	2.9545
RF87-12	808835	44.51	45.73	0.049	0.05	0.041	0.0464	1.1967
RF87-12	808836	45.73	46.95	0.056	0.2	0.0461	0.0382	1.5927
RF87-12	808837	46.95	48.17	0.211	0.3	0.0733	0.0458	2.6104
RF87-12	808838	48.17	49.39	0.126	0.2	0.0512	0.044	1.7545
RF87-12	808840	49.39	50.55	0.119	0.3	0.0863	0.0844	3.0247
RF87-12	808841	50.55	51.16	0.379	0.6	0.1676	0.0443	3.7793
RF87-12	808842	51.16	52.13	2.886	0.4	0.1018	0.0566	1.8606
RF87-12	808843	52.13	53.35	0.047	0.05	0.0286	0.0341	0.76102
RF87-12	808844	53.35	54.57	0.787	0.4	0.0833	0.0451	1.6381
RF87-12	808845	54.57	55.79	0.142	0.7	0.1232	0.0419	2.6938
RF87-12	808846	55.79	57.01	0.133	0.8	0.1293	0.0479	3.2317
RF87-12	808847	57.01	58.23	0.425	0.6	0.1031	0.0793	3.3234
RF87-12	808848	58.23	59.45	0.069	0.2	0.0462	0.0574	1.2213
RF87-12	808849	59.45	60.67	0.839	0.8	0.1166	0.144	2.9177
RF87-12	808850	60.67	61.89	0.703	0.5	0.1159	0.0475	2.8376
RF87-12	808851	61.89	63.11	0.146	0.6	0.1002	0.0569	2.3816
RF87-12	808852	63.11	64.33	0.049	0.3	0.0353	0.0432	0.88771
RF87-12	808853	64.33	65.55	0.152	0.5	0.0941	0.0725	2.659
RF87-12	808854	65.55	66.77	0.087	0.4	0.0819	0.0409	2.1389
RF87-12	808856	66.77	67.99	0.105	0.5	0.1099	0.0469	2.3189
RF87-12	808857	67.99	69.21	0.115	0.3	0.0778	0.0344	1.6564
RF87-12	808858	69.21	70.43	0.333	0.4	0.0856	0.0388	1.509
RF87-12	808859	70.43	71.65	0.088	0.4	0.0813	0.0371	1.6385
RF87-12	808860	71.65	72.87	0.073	0.3	0.0663	0.043	1.3908
RF87-12	808861	72.87	74.09	0.069	0.2	0.0587	0.0499	1.3335

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-12	808862	74.09	75	0.043	0.2	0.0419	0.038	0.97358
RF87-12	808863	75	75.64	0.147	0.4	0.0498	0.0849	2.8958
RF87-12	808864	75.64	76.83	0.087	0.2	0.0738	0.0432	1.4693
RF87-12	808865	76.83	78.05	0.177	0.4	0.0636	0.0442	1.6116
RF87-12	808866	78.05	79.27	0.08	0.1	0.0197	0.0539	0.85121
RF87-12	808867	79.27	80.49	0.314	0.7	0.1091	0.0529	2.4799
RF87-12	808868	80.49	81.46	0.484	0.8	0.1876	0.0906	2.1011
RF87-12	808869	81.46	82.01	2.298	0.6	0.1028	0.0656	3.0167
RF87-12	808870	82.01	82.93	0.468	1.1	0.2626	0.0455	4.3489
RF87-12	808872	82.93	84.15	0.158	0.9	0.1735	0.0469	2.9273
RF87-12	808873	84.15	85.37	0.194	1.1	0.2343	0.0463	2.9091
RF87-12	808874	85.37	86.59	0.118	0.7	0.1352	0.0442	2.0651
RF87-12	808875	86.59	87.8	0.077	0.6	0.1015	0.0479	1.9002
RF87-12	808876	87.8	88.72	0.041	0.3	0.069	0.0516	1.4171
RF87-12	808877	88.72	89.63	0.013	0.2	0.0276	0.0559	0.61827
RF87-12	808878	89.63	91.16	0.014	0.3	0.0319	0.105	0.72205
RF87-12	808879	91.16	92.68	0.008	0.2	0.0187	0.0786	0.39741
RF87-12	808880	92.68	94.21	0.012	0.2	0.0187	0.0931	0.35208
RF87-12	808881	94.21	95.73	0.017	0.4	0.0483	0.0869	0.66706
RF87-12	808882	95.73	96.95	0.042	0.5	0.0574	0.129	1.2897
RF87-12	808883	96.95	98.17	0.019	0.4	0.0455	0.0711	0.85845
RF87-12	808884	98.17	99.39	0.018	0.4	0.0395	0.0636	0.7899
RF87-12	808885	99.39	100.61	0.012	0.3	0.0325	0.05	0.78409
RF87-12	808886	100.61	101.83	0.026	0.6	0.1013	0.04	1.5089
RF87-12	808888	101.83	103.35	0.014	0.4	0.0342	0.0717	0.68989
RF87-12	808889	103.35	104.88	0.01	0.4	0.0357	0.12	0.56014
RF87-12	808890	104.88	106.4	0.007	0.05	0.0271	0.109	0.39805
RF87-12	808891	106.4	107.93	0.017	0.3	0.0367	0.0988	0.53072
RF87-12	808892	107.93	109.45	0.038	0.3	0.0517	0.0732	1.1366
RF87-12	808893	109.45	110.98	0.02	0.4	0.051	0.0576	0.97553
RF87-12	808894	110.98	112.5	0.017	0.3	0.0288	0.0712	0.53047
RF87-12	808895	112.5	114.02	0.015	0.3	0.0301	0.0851	0.48753
RF87-12	808896	114.02	115.24	0.039	0.6	0.0875	0.0537	1.9275
RF87-12	808897	115.24	116.37	0.021	0.3	0.0518	0.0439	1.0225
RF87-12	808898	116.37	117.68	0.072	1	0.1475	0.032	2.3592
RF87-12	808899	117.68	118.9	0.07	0.8	0.0835	0.0461	1.388
RF87-12	808900	118.9	120.12	0.064	1	0.0966	0.0413	1.3914
RF87-12	808901	120.12	121.34	0.033	0.7	0.0402	0.0426	0.58168
RF87-12	808902	121.34	121.95	0.089	0.5	0.0476	0.128	0.2157
RF87-12	808904	121.95	122.87	0.529	2.8	0.3401	0.0841	3.0898
RF87-12	808905	122.87	123.78	0.567	2.9	0.3879	0.0994	3.1765
RF87-12	808906	123.78	124.7	0.16	1.1	0.1034	0.0861	1.2314
RF87-12	808907	124.7	125.3	0.535	2	0.1853	0.0723	3.1864
RF87-12	808908	125.3	126.28	0.205	1.9	0.1948	0.0766	2.1112
RF87-12	808909	126.28	127.44	0.063	1.2	0.1259	0.0468	1.4674
RF87-12	808910	127.44	128.66	0.034	0.6	0.0739	0.0575	1.3095

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RF87-12	808911	128.66	129.88	0.043	0.6	0.1101	0.0411	1.8406
RF87-12	808912	129.88	131.1	0.046	0.3	0.0522	0.0755	0.97527
RF87-12	808913	131.1	132.32	0.041	1	0.122	0.0409	2.3257
RF87-12	808914	132.32	133.54	0.036	0.8	0.0798	0.0389	1.2599
RF87-12	808915	133.54	134.76	0.032	1	0.0922	0.0319	1.5716
RF87-12	808916	134.76	135.98	0.035	1.3	0.1344	0.0357	2.0281
RF87-12	808917	135.98	137.2	0.036	0.9	0.1048	0.036	1.7225
RF87-12	808965	137.2	138.41	0.03	0.5	0.0855	0.0376	2.0573
RF87-12	808967	138.41	139.63	0.024	0.6	0.0756	0.037	2.0146
RF87-12	808968	139.63	140.85	0.027	0.8	0.116	0.034	2.294
RF87-12	808969	140.85	142.38	0.024	0.8	0.0947	0.0492	1.389
RF87-12	808970	142.38	143.9	0.022	0.6	0.0558	0.0737	0.85957
RF87-12	808971	143.9	146.04	0.023	0.7	0.0559	0.0613	0.78449
RF87-15	801429	10.82	12.04	0	2.3	0.1715	0.124	0.94309
RF87-15	801430	12.04	13.54	0	0.2	0.0337	0.0386	0.64979
RF87-15	801431	13.54	14.18	0	0.05	0.0302	0.031	0.81625
RF87-15	801432	14.18	14.97	0	0.05	0.0303	0.0329	0.74399
RF87-15	801433	14.97	15.4	0	0.2	0.0329	0.0208	0.79324
RF87-15	801434	15.4	15.73	0.039	0.9	0.1687	0.0215	0.84742
RF87-15	801435	15.73	16.68	0.017	0.2	0.0333	0.0177	0.87695
RF87-15	801436	16.68	17.53	0.005	0.05	0.0325	0.0215	0.70684
RF87-15	801437	17.53	18.05	0.009	0.3	0.051	0.0234	1.1816
RF87-15	801438	18.05	18.48	0.036	0.6	0.128	0.0183	2.7384
RF87-15	801439	18.48	18.84	0.074	0.6	0.0639	0.0193	2.8262
RF87-15	801440	18.84	20	0.044	0.2	0.0804	0.0245	1.7917
RF87-15	801441	20	21.07	0.007	0.6	0.0295	0.0148	0.70942
RF87-15	801442	21.07	22.38	0.028	0.1	0.066	0.194	1.2059
RF87-15	801443	22.38	23.48	0	0.2	0.0161	0.0761	0.62145
RF87-15	801444	23.48	24.48	0.014	0.4	0.0432	0.0914	0.82072
RF87-15	801445	24.48	25.67	0.024	0.4	0.0469	0.0307	0.93719
RF87-15	801446	25.67	26.22	0.013	0.3	0.0324	0.0245	0.91718
RF87-15	801447	26.22	27.23	0.007	0.2	0.0186	0.0754	0.58305
RF87-15	801448	27.23	27.96	0.02	0.2	0.0203	0.0695	0.64153
RF87-15	801449	27.96	28.41	0.035	0.5	0.0566	0.103	1.1518
RF87-15	801450	28.41	28.93	0.018	0.3	0.032	0.278	0.81895
RF87-15	801451	28.93	30.09	0.012	0.2	0.015	0.117	0.42878
RF87-15	801452	30.09	30.98	0.02	0.3	0.0346	0.109	1.0545
RF87-15	801453	30.98	32.23	0.01	0.3	0.0465	0.126	0.81578
RF87-15	801454	32.23	33.23	0.029	0.5	0.0454	0.116	1.2365
RF87-15	801455	33.23	34.09	0.05	0.5	0.0457	0.172	1.0583
RF87-15	801456	34.09	34.54	32.665	4.7	0.0717	0.0152	6.4985
RF87-15	801457	34.54	35.27	0.26	1.1	0.132	0.0279	2.7533
RF87-15	801458	35.27	36.59	0.151	0.3	0.0372	0.0193	0.78329
RF87-15	801459	36.59	37.16	2.141	0.9	0.1288	0.0425	1.8281
RF87-15	801460	37.16	37.84	0.54	0.5	0.0945	0.0192	1.7841
RF87-15	801461	37.84	38.32	0.044	0.3	0.0366	0.0478	0.66689

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RF87-15	801462	38.32	38.99	0.157	0.5	0.08	0.0802	2.2626
RF87-15	801463	38.99	39.63	0.57	1.1	0.108	0.0181	2.9069
RF87-15	801464	39.63	40.24	1.253	1.4	0.311	0.0197	2.9568
RF87-15	801465	40.24	40.55	1.168	1	0.1105	0.119	5.6531
RF87-15	801466	40.55	41.25	0.143	0.5	0.0823	0.019	1.5617
RF87-15	801467	41.25	41.98	0.899	1.5	0.1442	0.0226	4.3863
RF87-15	801468	41.98	42.38	1.419	1.1	0.1317	0.058	2.011
RF87-15	801469	42.38	42.71	0.91	1.8	0.2489	0.0526	5.3793
RF87-15	801470	42.71	43.11	0.594	1.2	0.1724	0.125	2.762
RF87-15	801471	43.11	43.72	0.398	2.2	0.4319	0.0164	3.3624
RF87-15	801472	43.72	44.6	0.265	1.2	0.2972	0.0258	2.0289
RF87-15	801473	44.6	44.91	1.192	1.4	0.2463	0.0194	2.9491
RF87-15	801474	44.91	45.49	0.418	1.4	0.2218	0.0288	2.4256
RF87-15	801475	45.49	46.43	0.063	0.4	0.0504	0.0195	1.1818
RF87-15	801476	46.43	47.38	0.188	0.6	0.1067	0.0236	1.5253
RF87-15	801477	47.38	48.54	0.074	0.5	0.0901	0.0199	1.6562
RF87-15	801478	48.54	49.7	0.042	0.5	0.0959	0.0159	1.7493
RF87-15	801479	49.7	50.88	0	0.1	0.0261	0.0272	0.84817
RF87-15	801480	50.88	51.95	0.006	0.2	0.0216	0.0276	0.58123
RF87-15	801481	51.95	52.26	0.085	0.4	0.0975	0.0203	1.9543
RF87-15	801482	52.26	53.35	0	0.1	0.0185	0.0106	0.37881
RF87-15	801483	53.35	54.54	0	0.1	0.0068	0.0269	0.33245
RF87-15	801484	54.54	55.79	0	0.05	0.0081	0.0155	0.35892
RF87-15	801485	55.79	56.62	0.022	0.3	0.0419	0.0252	0.98263
RF87-15	801486	56.62	57.35	0.073	0.5	0.0815	0.0288	1.3521
RF87-15	801487	57.35	57.8	0.088	0.7	0.1081	0.0393	2.1894
RF87-15	801488	57.8	58.96	0.094	0.5	0.0854	0.0187	0.98224
RF87-15	801489	58.96	59.97	0.071	0.5	0.0759	0.0356	1.3977
RF87-15	801490	59.97	60.34	0.265	0.6	0.0995	0.0176	2.2366
RF87-15	801491	60.34	61.55	0.097	0.2	0.0421	0.0072	0.80092
RF87-15	801492	61.55	63.05	0.71	0.4	0.0549	0.0234	1.1232
RF87-15	808918	63.05	64.33	0.116	0.05	0.1308	-999	-999
RF87-15	808919	64.33	65.95	0.04	0.05	0.0305	-999	-999
RF87-15	801493	65.95	66.86	0.157	0.6	0.0842	0.0415	1.7431
RF87-15	801494	66.86	67.62	0.052	0.4	0.0706	0.0485	1.1091
RF87-15	801495	67.62	68.63	0.047	0.5	0.0622	0.032	1.02
RF87-15	801496	68.63	69.42	0.031	0.4	0.0403	0.0347	0.59857
RF87-15	801497	69.42	70.21	0.092	0.7	0.1189	0.0508	1.6136
RF87-15	801498	70.21	71.16	0.067	0.5	0.0793	0.0243	1.0536
RF87-15	801499	71.16	71.77	0.035	0.4	0.0596	0.0285	0.61339
RF87-15	801500	71.77	72.38	0.104	0.6	0.0806	0.0402	0.99701
RF87-15	808501	72.38	73.29	0.196	0.4	0.0668	0.0232	0.99368
RF87-15	808502	73.29	74.18	0.116	0.4	0.0654	0.021	0.90948
RF87-15	808503	74.18	75.06	0.103	0.6	0.0892	0.0386	1.8631
RF87-15	808504	75.06	75.58	0.166	0.8	0.092	0.0186	1.5027
RF87-15	808505	75.58	76.16	0.441	3.6	0.609	0.0473	5.6067

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RF87-15	808506	76.16	76.77	0.224	1.1	0.2041	0.0235	3.2281
RF87-15	808507	76.77	77.35	0.147	0.7	0.1674	0.0304	1.8539
RF87-15	808508	77.35	77.9	0.174	0.7	0.1099	0.0202	1.8756
RF87-15	808509	77.9	78.35	0.332	1.1	0.1507	0.0267	2.4305
RF87-15	808510	78.35	78.66	0.768	6.4	0.8266	0.0438	12.065
RF87-15	808511	78.66	78.93	0.565	5.6	1.04	0.101	5.237
RF87-15	808512	78.93	79.57	6.887	2.2	0.3352	0.0226	4.9983
RF87-15	808513	79.57	79.94	4.128	2.6	0.3005	0.0212	5.4909
RF87-15	808514	79.94	80.95	0.2	1.5	0.2735	0.017	2.1317
RF87-15	808515	80.95	82.13	0.117	1	0.1438	0.0284	1.7152
RF87-15	808516	82.13	82.71	0.077	0.5	0.0877	0.0172	1.2
RF87-15	808517	82.71	83.29	0.063	0.8	0.1135	0.0198	1.2823
RF87-15	808518	83.29	84.21	0.093	0.7	0.1129	0.0155	1.2805
RF87-15	808519	84.21	85.18	0.218	1.9	0.1828	0.0319	1.3561
RF87-15	808520	85.18	85.67	0.143	1.6	0.244	0.0382	4.7023
RF87-15	808521	85.67	86.25	0.046	0.9	0.1544	0.0429	2.1022
RF87-15	808522	86.25	87.44	0.053	0.7	0.1223	0.0238	1.9356
RF87-15	808523	87.44	88.72	0.065	0.8	0.0965	0.0293	1.6266
RF87-15	808524	88.72	90.18	0.023	0.5	0.0739	0.0333	0.89879
RF87-15	808525	90.18	91.59	0.01	0.3	0.0573	0.025	0.91577
RF87-15	808526	91.59	92.84	0.03	0.6	0.0843	0.0272	1.5294
RF87-15	808527	92.84	94.09	0.017	0.2	0.0496	0.0288	0.93936
RF87-15	808528	94.09	95.43	0.015	0.4	0.0534	0.0269	0.99772
RF87-15	808529	95.43	96.92	0.011	0.4	0.0526	0.0221	0.97212
RF87-15	808530	96.92	98.23	0.038	0.05	0.0228	0.0193	0.45409
RF87-15	808531	98.23	98.63	0.035	0.7	0.0975	0.0489	3.3175
RF87-15	808532	98.63	100.12	0.016	0.3	0.0516	0.0198	1.0056
RF87-15	808533	100.12	101.49	0.052	0.6	0.1399	0.0353	1.376
RF87-15	808534	101.49	102.68	0.077	0.4	0.0847	0.0273	1.8588
RF87-15	808535	102.68	103.81	0.047	0.4	0.0938	0.0226	1.8994
RF87-15	808536	103.81	104.88	0.041	0.4	0.0985	0.0249	1.9344
RF87-15	808537	104.88	106.04	0.041	0.3	0.0674	0.028	1.2779
RF87-15	808538	106.04	106.71	0.012	0.05	0.0275	0.0302	0.61459
RF87-15	808539	106.71	107.13	0.131	0.6	0.1157	0.0526	3.82
RF87-15	808540	107.13	108.41	0.055	0.2	0.0497	0.0217	0.99465
RF87-15	808541	108.41	109.24	0.102	0.7	0.1268	0.139	1.738
RF87-15	808542	109.24	110.79	0.038	0.2	0.0518	0.0162	0.99536
RF87-15	808543	110.79	111.95	0.071	0.2	0.046	0.0149	1.2622
RF87-15	808544	111.95	113.48	0.07	0.4	0.0754	0.0186	1.7271
RF87-15	808545	113.48	115.03	0.084	0.2	0.0695	0.0196	1.6656
RF87-15	808546	115.03	115.88	0.189	1	0.1378	0.0304	4.151
RF87-15	808547	115.88	116.59	0.094	0.5	0.1314	0.0323	2.944
RF87-15	808548	116.59	117.16	0.088	0.4	0.1006	0.0361	2.1064
RF87-15	808549	117.16	118.26	0.05	0.3	0.0666	0.0257	1.1857
RF87-15	808550	118.26	119.33	0.068	0.3	0.0647	0.0291	0.81376
RF87-15	808551	119.33	120	0.276	0.6	0.1432	0.0284	2.9854

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-15	808552	120	121.34	0.181	0.8	0.1588	0.0276	2.6651
RF87-15	808553	121.34	122.04	0.118	0.7	0.1055	0.0356	2.1464
RF87-15	808554	122.04	122.99	0.189	0.5	0.0963	0.0367	2.1235
RF87-15	808555	122.99	123.72	0.623	1.2	0.2039	0.0225	2.1381
RF87-15	808556	123.72	124.33	3.301	3.1	0.3564	0.0202	1.3086
RF87-15	808557	124.33	124.66	11.004	9.5	1.32	0.0419	4.1915
RF87-15	808558	124.66	125.15	4.074	2.3	0.2933	0.0269	1.4079
RF87-15	808559	125.15	125.43	2.452	4.4	0.4821	0.0324	2.1533
RF87-15	808560	125.43	125.95	3.833	6	0.5735	0.0471	4.9766
RF87-15	808561	125.95	126.37	16.354	10.2	0.463	0.0588	24.755
RF87-15	808562	126.37	126.71	3.389	6.1	0.7027	0.058	4.5923
RF87-15	808563	126.71	127.13	1.669	2.7	0.3029	0.0547	1.8963
RF87-15	808564	127.13	127.5	12.517	4.8	0.3363	0.0232	3.6543
RF87-15	808565	127.5	127.84	9.037	10.1	1.01	0.0512	8.9281
RF87-15	808566	127.84	128.23	21.443	9.6	0.8904	0.0381	7.5168
RF87-15	808567	128.23	128.51	68.075	15.2	0.9571	0.0368	8.4117
RF87-15	808568	128.51	128.84	2.981	6.4	0.6988	0.0433	3.2799
RF87-15	808569	128.84	129.24	0.709	1.4	0.2057	0.024	0.78241
RF87-15	808570	129.24	129.63	8.103	2.9	0.2894	0.0504	5.835
RF87-15	808571	129.63	130.18	2.207	1	0.1381	0.0354	2.246
RF87-15	808572	130.18	130.43	0.234	1.1	0.1703	0.0369	2.7112
RF87-15	808573	130.43	130.76	0.254	1.9	0.2912	0.027	2.4327
RF87-15	808574	130.76	131.01	1.343	3.2	0.3835	0.0307	2.5437
RF87-15	808575	131.01	131.68	0.071	0.5	0.0962	0.0177	1.2883
RF87-15	808576	131.68	132.2	0.087	0.8	0.1156	0.0277	2.2247
RF87-15	808577	132.2	132.9	0.093	1.1	0.1497	0.0266	2.0969
RF87-15	808578	132.9	133.35	0.081	1.3	0.1434	0.0414	3.193
RF87-15	808579	133.35	134.02	0.025	0.7	0.0838	0.0613	2.001
RF87-15	808580	134.02	135	0.023	0.8	0.0823	0.0721	1.8176
RF87-15	808581	135	135.88	0.021	1.5	0.1099	0.0446	2.8546
RF87-15	808582	135.88	136.43	0.061	2.5	0.1874	0.0416	3.3722
RF87-15	808583	136.43	137.59	0	0.9	0.046	0.0306	1.5819
RF87-15	808584	137.59	138.78	0	0.5	0.0319	0.0375	0.88877
RF87-15	808585	138.78	140	0.006	0.8	0.0599	0.0535	1.706
RF87-15	808586	140	140.76	0.021	1.3	0.0977	0.0291	2.6877
RF87-15	808587	140.76	141.31	0.052	2.1	0.1636	0.158	3.5267
RF87-15	808588	141.31	141.74	0.039	2.7	0.2153	0.0502	3.7444
RF87-15	808589	141.74	142.59	0.01	0.9	0.0732	0.0333	1.774
RF87-15	808590	142.59	143.72	0.02	1.1	0.0939	0.0237	2.6069
RF87-15	808591	143.72	145.03	0.016	1.2	0.0843	0.0268	1.6965
RF87-15	808592	145.03	145.55	0.016	1.4	0.0803	0.0454	3.8362
RF87-15	808593	145.55	146.65	0.012	1.2	0.0958	0.0306	3.0567
RF87-15	808594	146.65	147.9	0	0.7	0.0535	0.0344	1.5964
RF87-15	808595	147.9	148.48	0	0.4	0.0257	0.00863	1.0306
RF87-15	808596	148.48	149.48	0	0.4	0.0291	0.0264	0.95447
RF87-15	808597	149.48	149.79	0.056	1.5	0.1151	0.0367	5.1214

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BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-15	808598	149.79	151.01	0	1.2	0.052	0.0498	1.5683
RF87-15	808599	151.01	152.07	0	0.3	0.0271	0.0247	1.051
RF87-15	808600	152.07	153.45	0.011	0.5	0.0374	0.0322	1.1262
RF87-15	808601	153.45	154.51	0.048	0.9	0.0557	0.0442	1.7475
RF87-15	808602	154.51	155.79	0	0.9	0.0732	0.0268	2.1716
RF88-19	808767	9.15	10.37	0.011	1.2	0.0554	0.0674	1.3092
RF88-19	808768	10.37	11.59	0.013	0.2	0.0225	0.0862	0.57528
RF88-19	808769	11.59	12.8	0.007	0.1	0.0191	0.113	0.5085
RF88-19	808770	12.8	14.02	0	0.1	0.0113	0.0822	0.2575
RF88-19	808771	14.02	15.24	0	0.2	0.0157	0.0935	0.44906
RF88-19	808772	15.24	16.46	0	0.05	0.0055	0.0612	0.19081
RF88-19	808773	16.46	17.68	0	0.05	0.0104	0.213	0.35498
RF88-19	808774	17.68	18.9	0	0.2	0.013	0.209	0.43741
RF88-19	808775	18.9	20.12	0.101	0.5	0.0211	0.136	0.83293
RF88-19	808776	20.12	21.34	0.009	0.4	0.0214	0.366	1.0499
RF88-19	808777	21.34	22.56	0.013	0.7	0.0205	0.478	0.96194
RF88-19	808778	22.56	23.78	0.013	0.5	0.0286	0.0524	0.96672
RF88-19	808779	23.78	25	0	0.4	0.0169	0.0649	0.63369
RF88-19	808780	25	26.22	0.022	0.4	0.0327	0.0701	1.0059
RF88-19	808781	26.22	27.44	0.006	0.05	0.0064	0.0863	0.29421
RF88-19	808783	27.44	28.66	0	1	0.0156	0.0851	0.76676
RF88-19	808784	28.66	29.88	0	0.2	0.0103	0.129	0.52388
RF88-19	808785	29.88	31.1	0	0.7	0.0083	0.11	0.47846
RF88-19	808786	31.1	32.32	0.015	0.5	0.0253	0.298	1.2041
RF88-19	808787	32.32	33.54	0.018	0.7	0.0275	0.109	1.4297
RF88-19	808788	33.54	34.76	0.023	0.5	0.041	0.0489	1.3489
RF88-19	808789	34.76	35.98	0.021	0.5	0.0341	0.0315	1.1611
RF88-19	808790	35.98	36.89	0.057	0.6	0.0427	0.0378	1.4716
RF88-19	808791	36.89	37.8	0.273	0.9	0.0549	0.061	1.842
RF88-19	808792	37.8	38.72	0.414	0.9	0.0458	0.0886	1.5398
RF88-19	808793	38.72	39.63	1.119	2.2	0.1556	0.119	4.1961
RF88-19	808794	39.63	40.55	42.4	8	0.1874	0.0594	5.6098
RF88-19	808795	40.55	41.46	0.956	2.3	0.149	0.0489	3.8715
RF88-19	808796	41.46	42.38	4.028	2.9	0.1745	0.0379	4.8913
RF88-19	808797	42.38	43.29	1.087	2.7	0.2851	0.0476	4.4982
RF88-19	808799	43.29	44.21	0.152	0.9	0.0697	0.149	1.5919
RF88-19	808800	44.21	45.43	0.015	0.05	0.0025	0.0437	0.030283
RF88-19	808801	45.43	46.65	0.012	0.2	0.0032	0.0371	0.045645
RF88-19	808802	46.65	48.17	2.279	0.8	0.036	0.239	0.4272
RF88-19	808803	48.17	49.7	0.063	1	0.0537	0.0463	0.13927
RF88-19	808804	49.7	51.22	0.349	0.5	0.0288	0.0779	0.32859
RF88-19	808805	51.22	52.74	0.02	0.05	0.013	0.0505	0.10974
RF88-19	808806	52.74	54.12	0.243	2.3	0.2842	0.059	0.76973
RF88-19	808920	54.12	55.35	0	0.1	-999	-999	-999
RF88-19	808921	55.35	57	0	0.05	-999	-999	-999
RF88-19	808922	57	58.54	0.013	1	-999	-999	-999

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RF88-19	808923	58.54	60	0.113	1.1	-999	-999	-999
RF88-19	808924	60	61.59	0.009	0.3	-999	-999	-999
RF88-19	808925	61.59	63.15	0.008	1.1	-999	-999	-999
RF88-19	808926	63.15	64.75	0	0.5	-999	-999	-999
RF88-19	808927	64.75	66.5	0	0.4	-999	-999	-999
RF88-19	808928	66.5	68.29	0	0.2	-999	-999	-999
RF88-19	808929	68.29	70.05	0	0.05	-999	-999	-999
RF88-19	808930	70.05	72.3	0	0.2	-999	-999	-999
RF88-19	808931	72.3	73.15	0.025	1.9	-999	-999	-999
RF88-19	808932	73.15	73.92	0.021	1.1	-999	-999	-999
RF88-19	808933	73.92	74.39	0.075	3.4	-999	-999	-999
RF88-19	808934	74.39	75	0.027	0.7	-999	-999	-999
RF88-19	808935	75	75.85	0.029	2.3	-999	-999	-999
RF88-19	808937	75.85	77.44	0	0.5	-999	-999	-999
RF88-19	808938	77.44	79	0	0.05	-999	-999	-999
RF88-19	808939	79	80.49	0	0.05	-999	-999	-999
RF88-19	808940	80.49	82	0	0.05	-999	-999	-999
RF88-19	808941	82	83.54	0.013	0.5	-999	-999	-999
RF88-19	808807	83.54	85.06	0.045	1.6	0.1056	0.0758	0.39555
RF88-19	808942	85.06	86.59	0.007	0.2	-999	-999	-999
RF88-19	808943	86.59	88	0	0.05	-999	-999	-999
RF88-19	808944	88	89.5	0	0.2	-999	-999	-999
RF88-19	808945	89.5	91	0	0.2	-999	-999	-999
RF88-19	808946	91	92.68	0	0.2	-999	-999	-999
RF88-19	808947	92.68	94	0	0.4	-999	-999	-999
RF88-19	808948	94	95.73	0	0.3	-999	-999	-999
RF88-19	808949	95.73	97.5	0	0.2	-999	-999	-999
RF88-19	808950	97.5	99	0	0.05	-999	-999	-999
RF88-19	808951	99	100.5	0	0.3	-999	-999	-999
RF88-19	808953	100.5	102	0	0.3	-999	-999	-999
RF88-19	808954	102	103.5	0	0.4	-999	-999	-999
RF88-19	808955	103.5	104.88	0	0.2	-999	-999	-999
RF88-19	808972	104.88	106.1	0	0.4	0.0275	0.138	0.16304
RF88-19	808956	106.1	107.93	0	0.1	-999	-999	-999
RF88-19	808957	107.93	109.5	0	0.2	-999	-999	-999
RF88-19	808974	109.5	110.98	0.005	0.7	-999	-999	-999
RF88-19	808975	110.98	112.5	0.005	0.4	-999	-999	-999
RF88-19	808976	112.5	114.02	0	0.2	-999	-999	-999
RF88-19	808977	114.02	115.5	0	0.3	-999	-999	-999
RF88-19	808978	115.5	117.07	0.035	0.5	-999	-999	-999
RF88-19	808973	117.07	118.6	0.034	1.5	0.0924	0.132	0.83204
RF88-19	808979	118.6	120.12	0.027	0.8	-999	-999	-999
RF88-19	808980	120.12	122	0.005	0.05	-999	-999	-999
RF88-19	808981	122	123	0.006	0.2	-999	-999	-999
RF88-19	808982	123	124.1	0	0.2	-999	-999	-999
RF88-19	808983	124.1	126.22	0.005	0.5	-999	-999	-999

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RF88-20	1	24.09	24.7	19.302	1.2	-999	-999	-999
RF88-20	2	24.7	25.35	1.35	1.8	-999	-999	-999
RF88-20	3	25.35	27.44	0.183	0.2	-999	-999	-999
RF88-20	4	27.44	28.69	0.608	0.05	-999	-999	-999
RF88-20	5	28.69	29.88	0.53	0.1	-999	-999	-999
RF88-20	808625	29.88	30.79	0.104	0.4	0.0958	0.66	0.78947
RF88-20	808626	30.79	31.71	0.066	0.5	0.0433	0.315	1.0229
RF88-20	808627	31.71	32.62	0.013	0.9	0.0338	0.214	1.1639
RF88-20	808628	32.62	33.54	0.058	1.7	0.0464	0.375	1.9297
RF88-20	808629	33.54	34.45	0.05	1	0.0861	0.227	1.9522
RF88-20	808630	34.45	35.37	0.076	1.5	0.1964	0.0359	3.6221
RF88-20	808631	35.37	36.28	0.143	1.3	0.1669	0.0389	4.0159
RF88-20	808632	36.28	37.2	0.343	0.7	0.0397	0.0395	1.2442
RF88-20	808633	37.2	38.72	0.318	0.5	0.0381	0.042	1.2297
RF88-20	808634	38.72	40.24	0.015	0.4	0.0186	0.0345	0.61467
RF88-20	808636	40.24	41.16	0.11	1.2	0.0526	0.0694	2.053
RF88-20	808637	41.16	42.38	0.034	0.8	0.0314	0.0409	1.053
RF88-20	808638	42.38	43.29	0.063	1	0.0613	0.0485	1.4107
RF88-20	808639	43.29	44.21	0.044	0.9	0.052	0.0403	1.3135
RF88-20	808640	44.21	45.12	0.026	0.7	0.0475	0.0401	1.2436
RF88-20	808641	45.12	46.04	0.038	0.9	0.0801	0.0578	1.6652
RF88-20	808642	46.04	46.95	0.012	0.5	0.0479	0.0461	0.9921
RF88-20	808643	46.95	47.87	0.056	0.5	0.0452	0.0441	1.0372
RF88-20	808644	47.87	48.78	0.014	0.5	0.0314	0.0855	0.53371
RF88-20	808645	48.78	50.3	0	0.4	0.0026	0.134	0.038804
RF88-20	808646	50.3	51.83	0.012	0.4	0.0109	0.102	0.095561
RF88-20	808647	51.83	53.35	0.043	0.2	0.0245	0.0626	0.42179
RF88-20	808648	53.35	54.88	0	0.05	0.0048	0.0397	0.031237
RF88-20	808649	54.88	56.4	0	0.2	0.0109	0.0964	0.1993
RF88-20	808650	56.4	57.93	0	0.05	0.0046	0.0586	0.066173
RF88-20	808652	57.93	59.15	0	0.05	0.0079	0.116	0.073767
RF88-20	808653	59.15	60.67	0.005	0.2	0.0232	0.0725	0.4757
RF88-20	808654	60.67	62.2	0.008	0.1	0.0135	0.161	0.1326
RF88-20	808655	62.2	63.72	0.006	0.2	0.0081	0.132	0.083206
RF88-20	808656	63.72	65.24	0	0.4	0.0364	0.0905	0.41037
RF88-20	808657	65.24	66.77	0.015	0.6	0.0223	0.105	0.068856
RF88-20	808658	66.77	68.29	0.009	0.2	0.0041	0.113	0.019388
RF88-20	808659	68.29	69.82	0.01	0.4	0.0176	0.159	0.1132
RF88-20	808660	69.82	71.34	0.005	0.3	0.0074	0.112	0.052852
RF88-20	808661	71.34	72.87	0.007	0.3	0.0132	0.11	0.15669
RF88-20	808662	72.87	74.39	0.014	0.2	0.0081	0.106	0.13367
RF88-20	808663	74.39	75.91	0.005	0.3	0.007	0.09	0.057476
RF88-20	808664	75.91	77.44	0	0.2	0.0016	0.137	0.011572
RF88-20	808665	77.44	78.96	0	0.2	0.002	0.123	0.029908
RF88-20	808666	78.96	80.49	0	0.2	0.0008	0.0725	0.010312
RF88-20	808668	80.49	82.01	0.006	0.2	0.0071	0.128	0.084695

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF88-20	808669	82.01	83.54	0.006	0.3	0.0057	0.151	0.040763
RF88-20	808670	83.54	85.06	0	0.2	0.0016	0.198	0.038033
RF88-20	808671	85.06	86.59	0	0.5	0.0155	0.13	0.27288
RF88-20	808959	86.59	88.11	0	0.3	0.0049	0.183	0.042302
RF88-20	808960	88.11	89.63	0	0.2	0.0071	0.132	0.03801
RF88-20	808961	89.63	90.85	0	0.3	0.0078	0.131	0.04591
RF88-20A	808603	0	2.74	0.036	0.05	0.0517	0.235	0.0036024
RF88-20A	808604	2.74	3.66	0.035	0.05	0.0452	0.243	-0.001172
RF88-20A	808605	3.66	4.27	33.669	0.6	0.0382	-999	-999
RF88-20A	808606	4.27	4.42	0.082	0.05	-999	0.239	0.85478
RF88-20A	808607	4.42	5.64	0.155	0.05	0.0509	0.134	0.0057002
RF88-20A	808608	5.64	6.78	0.014	0.3	0.033	0.153	0.003387
RF88-20A	808609	6.78	7.55	0.036	0.1	0.0088	0.179	0.0004762
RF88-20A	808610	7.55	8.84	0.008	0.1	0.0176	0.178	-0.0025913
RF88-20A	808611	8.84	10.3	0.007	0.05	0.0114	0.215	-0.0006465
RF88-20A	808612	10.3	11.59	0	0.05	0.0175	0.146	0.0020174
RF88-20A	808613	11.59	13.41	0	0.05	0.0133	0.213	0.01307
RF88-20A	808614	13.41	14.94	0.007	0.05	0.028	0.829	0.02558
RF88-20A	808615	14.94	16.46	0.006	0.05	0.0208	0.251	0.015204
RF88-20A	808616	16.46	17.68	0	0.05	0.0228	0.189	0.0088527
RF88-20A	808617	17.68	18.9	0.009	0.05	0.0288	0.295	0.0059717
RF88-20A	808619	18.9	20.12	0.008	0.1	0.0602	0.225	0.027591
RF88-20A	808620	20.12	21.42	0.016	0.1	0.0532	0.621	0.28491
RF88-20A	808621	21.42	22.03	0.059	0.1	0.0845	1.42	0.10504
RF88-20A	808622	22.03	22.56	0.144	0.1	0.0566	0.476	0.54271
RF88-20A	808623	22.56	23.26	0.013	0.1	0.0427	1.96	0.15396
RF88-20A	808624	23.26	23.78	4.327	0.5	0.0723	1.25	0.87256
RF88-20A	808958	23.78	24.39	2.062	0.5	0.0203	0.421	0.22661
RF89-36	AQA-19301	2.44	3.05	0	0.05	0.0022	-999	-999
RF89-36	AQA-19302	3.05	4.27	0	0.05	0.0012	-999	-999
RF89-36	AQA-19303	4.27	4.88	0	0.05	0.0019	-999	-999
RF89-36	AQA-19304	4.88	5.49	0	0.05	0.002	-999	-999
RF89-36	AQA-19305	5.49	7.01	0.012	0.05	0.0009	-999	-999
RF89-36	AQA-19306	7.01	8.54	0.06	0.05	0.0015	-999	-999
RF89-36	AQA-19307	8.54	10.06	0.046	0.05	0.0011	-999	-999
RF89-36	AQA-19308	10.06	11.59	0.01	0.05	0.0025	-999	-999
RF89-36	AQA-19309	11.59	13.11	0	0.05	0.0036	-999	-999
RF89-36	AQA-19310	13.11	14.63	0.683	0.05	0.0027	-999	-999
RF89-36	AQA-19311	14.63	16.31	0.378	0.05	0.006	-999	-999
RF89-36	AQA-19313	16.31	17.68	0.144	0.4	0.0298	-999	-999
RF89-36	AQA-19314	17.68	19.21	0.025	0.3	0.0134	-999	-999
RF89-36	AQA-19315	19.21	20.05	0.031	0.1	0.0136	-999	-999
RF89-36	AQA-19316	20.05	21.5	0.038	0.05	0.0042	-999	-999
RF89-36	AQA-19317	21.5	22.4	0.012	0.05	0.0044	-999	-999
RF89-36	AQA-19318	22.4	23.78	0.012	1	0.0074	-999	-999
RF89-36	AQA-19319	23.78	25.3	0.04	0.2	0.0204	-999	-999

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-36	AQA-19320	25.3	26.83	0.02	0.05	0.0087	-999	-999
RF89-36	AQA-19321	26.83	28.35	0.215	0.6	0.0256	-999	-999
RF89-36	AQA-19322	28.35	29.8	0.033	0.2	0.0183	-999	-999
RF89-36	AQA-19323	29.8	31.4	0.033	0.2	0.0185	-999	-999
RF89-36	AQA-19324	31.4	32.93	0.014	0.05	0.0076	-999	-999
RF89-36	AQA-19325	32.93	34.45	0.019	0.1	0.0092	-999	-999
RF89-36	AQA-19326	34.45	35.1	0.014	0.05	0.0104	-999	-999
RF89-36	AQA-19327	35.1	35.98	0.036	0.05	0.0078	-999	-999
RF89-36	801401	35.98	37.2	0.02	0.1	0.0119	-999	-999
RF89-36	801402	37.2	38.72	0.148	0.1	0.0232	-999	-999
RF89-36	801403	38.72	39.94	0.043	0.4	0.0397	-999	-999
RF89-36	801404	39.94	40.98	0.241	0.9	0.0546	-999	-999
RF89-36	801405	40.98	42.07	0.047	0.3	0.0168	-999	-999
RF89-36	801406	42.07	43.29	0.227	0.9	0.0874	-999	-999
RF89-36	801407	43.29	44.51	0.094	0.1	0.0228	-999	-999
RF89-36	801408	44.51	46.04	0.038	0.1	0.0186	-999	-999
RF89-36	801409	46.04	47.26	0.077	0.3	0.0287	-999	-999
RF89-36	801410	47.26	48.48	0.022	0.2	0.022	-999	-999
RF89-36	801411	48.48	49.7	0	0.2	0.0278	-999	-999
RF89-36	AQA-19329	49.7	51.22	0.012	0.3	0.0225	-999	-999
RF89-36	AQA-19330	51.22	52.74	0.024	0.4	0.0598	-999	-999
RF89-36	AQA-19331	52.74	54.27	0.03	0.5	0.0474	-999	-999
RF89-36	AQA-19332	54.27	56.1	0.016	0.2	0.0469	-999	-999
RF89-36	AQA-19333	56.1	57.32	0.033	0.8	0.044	-999	-999
RF89-36	AQA-19334	57.32	58.84	0.011	0.4	0.0224	-999	-999
RF89-36	AQA-19335	58.84	60.37	0.017	0.2	0.0286	-999	-999
RF89-36	AQA-19336	60.37	61.4	0	0.3	0.016	-999	-999
RF89-36	AQA-19337	61.4	63.2	0.013	0.2	0.0116	-999	-999
RF89-36	AQA-19338	63.2	64.94	0.009	0.2	0.0135	-999	-999
RF89-36	AQA-19339	64.94	66.16	0.012	0.2	0.0164	-999	-999
RF89-36	AQA-19340	66.16	67.07	0.028	0.3	0.0305	-999	-999
RF89-36	AQA-19341	67.07	68.29	0.02	0.6	0.0597	-999	-999
RF89-36	AQA-19342	68.29	69.65	0.01	0.3	0.023	-999	-999
RF89-36	AQA-19343	69.65	71.04	0.013	0.4	0.0325	-999	-999
RF89-36	801412	71.04	72.56	0.005	0.3	0.0229	-999	-999
RF89-36	801413	72.56	74.09	0	0.05	0.0169	-999	-999
RF89-36	801414	74.09	75.61	0.087	0.4	0.0348	-999	-999
RF89-36	801415	75.61	77.13	0	0.3	0.0282	-999	-999
RF89-36	AQA-19345	77.13	78.66	0.035	0.4	0.037	-999	-999
RF89-36	AQA-19346	78.66	80.57	0.017	0.5	0.0391	-999	-999
RF89-36	AQA-19347	80.57	81.56	0.055	0.05	0.0175	-999	-999
RF89-36	AQA-19348	81.56	83.23	0.16	0.3	0.0279	-999	-999
RF89-36	AQA-19349	83.23	84.6	0.03	0.5	0.073	-999	-999
RF89-36	AQA-19350	84.6	85.5	0.015	0.3	0.0341	-999	-999
RF89-36	AQA-19351	85.5	87	0.016	0.3	0.0444	-999	-999
RF89-36	AQA-19352	87	88.5	0.019	0.6	0.0739	-999	-999

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-36	AQA-19353	88.5	90.05	0.008	0.9	0.0466	-999	-999
RF89-36	AQA-19354	90.05	90.85	0	0.2	0.034	-999	-999
RF89-36	3343	90.85	91.86	0.01	0.2	0.0467	-999	-999
RF89-36	3344	91.86	92.38	0	0.2	0.0374	-999	-999
RF89-36	3346	92.38	93.6	0	0.1	-999	-999	-999
RF89-36	3347	93.6	95.12	0	0.4	0.0514	-999	-999
RF89-36	3348	95.12	95.98	0.008	0.4	0.0492	-999	-999
RF89-36	3349	95.98	97.26	0.205	0.3	0.0508	-999	-999
RF89-36	3350	97.26	98.11	0	0.1	0.0102	-999	-999
RF89-36	3351	98.11	99.39	0.01	0.3	0.034	-999	-999
RF89-36	3352	99.39	100.91	0	0.05	0.0138	-999	-999
RF89-36	3353	100.91	102.44	0	0.05	0.0181	-999	-999
RF89-36	3354	102.44	103.96	0	0.05	0.0091	-999	-999
RF89-36	3355	103.96	104.88	0.036	0.05	0.0121	-999	-999
RF89-36	3356	104.88	106.1	0.022	0.1	0.0291	-999	-999
RF89-36	3357	106.1	107.62	0.05	0.2	0.0305	-999	-999
RF89-36	3358	107.62	109.15	0	0.05	0.016	-999	-999
RF89-36	3359	109.15	110.67	0.017	0.2	0.0348	-999	-999
RF89-36	3361	110.67	112.2	0	0.3	0.0132	-999	-999
RF89-36	3362	112.2	113.72	0.04	0.4	0.0343	-999	-999
RF89-36	3363	113.72	114.94	0.029	0.4	0.0419	-999	-999
RF89-36	3364	114.94	115.7	0.024	0.3	0.0246	-999	-999
RF89-36	3365	115.7	116.46	0	0.2	0.0097	-999	-999
RF89-36	3366	116.46	117.38	0.009	0.2	0.0196	-999	-999
RF89-36	3367	117.38	118.9	0.013	0.5	0.0518	-999	-999
RF89-36	3368	118.9	120.43	0.009	0.4	0.0452	-999	-999
RF89-36	3369	120.43	121.95	0	0.3	0.0234	-999	-999
RF89-36	3370	121.95	123.48	0	0.3	0.031	-999	-999
RF89-36	3371	123.48	125	0.007	0.4	0.034	-999	-999
RF89-36	3372	125	126.52	0	0.4	0.0292	-999	-999
RF89-36	3373	126.52	127.9	0.012	0.5	0.05	-999	-999
RF89-36	1151	127.9	128.64	0	0.05	0.0206	-999	-999
RF89-36	1152	128.64	129.01	0	0.05	0.0067	-999	-999
RF89-36	1153	129.01	129.22	0.016	0.5	0.0622	-999	-999
RF89-36	1154	129.22	129.34	0.221	5.6	0.3873	-999	-999
RF89-36	1155	129.34	129.91	0.047	0.9	0.078	-999	-999
RF89-36	1156	129.91	130.85	0.026	0.2	0.0375	-999	-999
RF89-36	1157	130.85	131.27	1.236	1.5	0.2131	-999	-999
RF89-36	1158	131.27	132.01	0.211	0.2	0.0589	-999	-999
RF89-36	1159	132.01	132.2	0.536	1.2	0.1486	-999	-999
RF89-36	1160	132.2	132.55	1.219	1.3	0.1231	-999	-999
RF89-36	1161	132.55	132.88	8.983	3.2	0.2815	-999	-999
RF89-36	1163	132.88	133.05	4.526	3.5	0.3946	-999	-999
RF89-36	1164	133.05	133.84	4.869	4.1	0.3896	-999	-999
RF89-36	1165	133.84	134.15	0.656	0.6	0.0834	-999	-999
RF89-36	1166	134.15	134.74	0.587	1.6	0.1894	-999	-999

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-36	1167	134.74	135.12	0.735	1.5	0.1806	-999	-999
RF89-36	1168	135.12	135.61	4.56	3.3	0.3532	-999	-999
RF89-36	1169	135.61	135.88	0.226	0.8	0.1201	-999	-999
RF89-36	1170	135.88	136.48	1.821	1.3	0.1674	-999	-999
RF89-36	1171	136.48	137.26	0.115	0.1	0.0332	-999	-999
RF89-36	1172	137.26	137.83	2.727	0.8	0.1126	-999	-999
RF89-36	1173	137.83	138.35	0.41	0.4	0.0613	-999	-999
RF89-36	1174	138.35	138.93	1.663	1.6	0.2042	-999	-999
RF89-36	1175	138.93	139.25	11.383	3.5	0.2401	-999	-999
RF89-36	1177	139.25	139.8	0.698	0.7	0.1192	-999	-999
RF89-36	1178	139.8	140.35	4.732	0.6	0.063	-999	-999
RF89-36	1179	140.35	140.88	0.291	0.05	0.0086	-999	-999
RF89-36	1180	140.88	141.34	0.382	0.05	0.0334	-999	-999
RF89-36	1181	141.34	142.38	0.184	0.05	0.0241	-999	-999
RF89-36	1182	142.38	142.96	0.417	0.05	0.0283	-999	-999
RF89-36	1183	142.96	143.29	0.499	0.1	0.0588	-999	-999
RF89-36	1184	143.29	144.15	0.667	0.5	0.1168	-999	-999
RF89-36	1185	144.15	144.53	3.909	1.6	0.1848	-999	-999
RF89-36	1186	144.53	145.09	1.878	0.6	0.1124	-999	-999
RF89-36	1187	145.09	145.82	0.413	0.05	0.0386	-999	-999
RF89-36	1189	145.82	146.23	0.162	0.05	0.0118	-999	-999
RF89-36	1190	146.23	146.89	0.215	0.4	0.0698	-999	-999
RF89-36	1191	146.89	148.16	0.043	0.2	0.0233	-999	-999
RF89-36	1192	148.16	149.18	0.045	0.5	0.0317	-999	-999
RF89-36	1193	149.18	149.79	0.056	0.4	0.0436	-999	-999
RF89-36	1194	149.79	150	0.337	0.6	0.1311	-999	-999
RF89-36	1195	150	151.47	0.068	0.8	0.024	-999	-999
RF89-36	1196	151.47	152.56	0.064	0.2	0.0438	-999	-999
RF89-36	1197	152.56	153.59	0.054	0.5	0.0615	-999	-999
RF89-36	1198	153.59	154.6	0.011	0.2	0.0116	-999	-999
RF89-36	1199	154.6	155.26	0.022	0.1	0.012	-999	-999
RF89-36	1200	155.26	155.85	0.114	0.05	0.0082	-999	-999
RF89-36	1201	155.85	156.4	0.088	0.1	0.0088	-999	-999
RF89-36	1202	156.4	156.78	3.017	0.4	0.0716	-999	-999
RF89-36	1204	156.78	157.04	0.247	2.1	0.3572	-999	-999
RF89-36	1205	157.04	157.28	0.112	0.6	0.0923	-999	-999
RF89-36	1206	157.28	157.63	0.081	0.4	0.0583	-999	-999
RF89-36	1207	157.63	158.11	0.043	0.1	0.0382	-999	-999
RF89-36	1208	158.11	158.75	0.132	0.4	0.0466	-999	-999
RF89-36	1209	158.75	158.93	0.971	0.4	0.044	-999	-999
RF89-36	1210	158.93	159.25	1.284	0.5	0.0446	-999	-999
RF89-36	1211	159.25	159.45	0.2	0.7	0.0699	-999	-999
RF89-36	1212	159.45	160.3	0.035	0.2	0.0438	-999	-999
RF89-36	1213	160.3	160.47	0.012	0.1	0.0351	-999	-999
RF89-36	1214	160.47	161.48	0.04	0.2	0.0124	-999	-999
RF89-36	1215	161.48	162.7	0.014	0.2	0.0242	-999	-999

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-36	1217	162.7	163.54	0.014	0.2	0.0183	-999	-999
RF89-36	1218	163.54	164.03	0.022	0.2	0.0235	-999	-999
RF89-36	1219	164.03	164.98	0.025	0.2	0.0354	-999	-999
RF89-36	3374	164.98	166.16	0.379	0.4	0.0381	-999	-999
RF89-36	3376	166.16	167.68	0.069	0.7	0.061	-999	-999
RF89-36	3377	167.68	169.21	0.032	0.5	0.0569	-999	-999
RF89-36	3378	169.21	170.73	0.021	0.8	0.0688	-999	-999
RF89-36	3379	170.73	172.26	0	0.4	0.0527	-999	-999
RF89-36	3380	172.26	173.48	0	0.7	0.1043	-999	-999
RF89-36	3381	173.48	174.7	0	0.4	0.0317	-999	-999
RF89-36	3382	174.7	176.22	0	0.2	0.0267	-999	-999
RF89-36	3383	176.22	177.74	0	0.2	0.0157	-999	-999
RF89-36	3384	177.74	179.27	0	0.1	0.0083	-999	-999
RF89-36	3385	179.27	180.79	0	0.2	0.0106	-999	-999
RF89-36	3386	180.79	182.32	0	0.05	0.0032	-999	-999
RF89-36	3387	182.32	183.84	0	0.2	0.0188	-999	-999
RF89-36	3388	183.84	185.37	0	0.1	0.0056	-999	-999
RF89-36	3389	185.37	186.89	0	0.05	0.0032	-999	-999
RF89-36	3391	186.89	188.41	0	0.1	0.0092	-999	-999
RF89-36	3392	188.41	189.94	0	0.2	0.0092	-999	-999
RF89-36	3393	189.94	191.46	0	0.05	0.0079	-999	-999
RF89-36	3394	191.46	192.99	0	0.2	0.0031	-999	-999
RF89-36	3395	192.99	194.51	0	0.05	0.006	-999	-999
RF87-11	AQA-19566	11.8	14	0.009	0.3	0.0282	0.268	0.38804
RF87-11	AQA-19567	14	16	0.005	0.3	0.0227	0.0424	0.8031
RF87-11	AQA-19568	16	18	0	0.3	0.0163	0.0305	0.47853
RF87-11	AQA-19569	18	20	0	0.1	0.018	0.0523	0.45668
RF87-11	AQA-19570	20	22	0.015	0.2	0.0224	0.0512	0.69808
RF87-11	AQA-19571	22	24.08	0	0.05	0.0168	0.0508	0.43627
RF87-11	AQA-19572	24.08	26	0	0.05	0.0129	0.0366	0.49498
RF87-11	AQA-19573	26	28	0	0.05	0.0111	0.0405	0.40432
RF87-11	AQA-19574	28	29.5	0.012	0.2	0.0241	0.0688	0.90474
RF87-11	AQA-19575	29.5	30.75	0.013	0.4	0.0503	0.0258	1.7019
RF87-11	AQA-19576	30.75	31.8	0.021	0.4	0.0481	0.907	1.408
RF87-11	AQA-19577	31.8	33	0.039	0.8	0.0968	0.0323	4.4938
RF87-11	AQA-19578	33	35	0.016	0.4	0.0467	0.0465	1.2801
RF87-11	AQA-19579	35	37	0.008	0.3	0.0424	0.048	1.1817
RF87-11	AQA-19580	37	38.5	0	0.3	0.0265	0.053	0.80046
RF87-11	AQA-19581	38.5	39.65	0.015	0.7	0.0424	0.653	0.73506
RF87-11	AQA-19582	39.65	41.5	0.039	0.6	0.0829	0.0507	2.0371
RF87-11	AQA-19583	41.5	43	0	0.4	0.0392	0.0978	1.1399
RF87-11	AQA-19584	43	45	0.006	0.4	0.0385	0.0449	0.85546
RF87-11	AQA-19587	45	47	0	0.3	0.0266	0.0573	0.66958
RF87-11	AQA-19588	47	48.4	0.011	0.5	0.0651	0.0648	1.7557
RF87-11	AQA-19589	48.4	50	0.067	0.6	0.0419	0.0493	1.5839
RF87-11	AQA-19590	50	52	0.02	0.9	0.0793	0.0426	2.2231

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-11	AQA-19591	52	54	0.035	0.8	0.0498	0.0515	0.92598
RF87-11	AQA-19592	54	56	0.038	0.6	0.0552	0.0508	1.7665
RF87-11	AQA-19593	56	57	0.056	1.3	0.1299	0.0574	2.4121
RF87-11	AQA-19594	57	58	0.073	1.8	0.1889	0.0508	4.9911
RF87-11	AQA-19595	58	59	0.073	1.9	0.2096	0.0358	4.5772
RF87-11	AQA-19596	59	61	0.017	1	0.0925	0.0633	2.5375
RF87-11	AQA-19597	61	63	0	0.5	0.0529	0.0757	1.479
RF87-11	AQA-19598	63	64.62	0	0.6	0.0565	0.0546	1.4404
RF87-11	AQA-19599	64.62	65.7	0.026	0.8	0.0942	0.0701	2.6226
RF87-11	AQA-19600	65.7	67	0	0.6	0.0595	0.0295	1.4604
RF87-11	AQA-19601	67	69	0.007	0.8	0.0679	0.041	1.6098
RF87-11	AQA-19602	69	71	0	0.8	0.0448	0.0396	1.188
RF87-11	AQA-19603	71	72	0.007	0.7	0.0501	0.0342	1.1319
RF87-11	AQA-19604	72	74	0.059	0.9	0.0981	0.0259	3.1734
RF87-11	AQA-19605	74	75	0.052	1.1	0.1237	0.0629	2.6332
RF87-11	AQA-19608	75	76	0.062	0.8	0.1013	0.128	2.7546
RF87-11	AQA-19609	76	78	0.035	1.1	0.14	0.0657	2.0162
RF87-11	AQA-19610	78	80	0.019	1.1	0.1125	0.0505	2.2606
RF87-11	AQA-19611	80	81.5	0.017	0.3	0.0593	0.0437	1.3854
RF87-11	AQA-19612	81.5	82.68	0.007	0.6	0.0499	0.0831	1.4568
RF87-11	AQA-19613	82.68	84	0	0.2	0.0231	0.0548	0.36272
RF87-11	AQA-19614	84	86	0	0.05	0.0074	0.0617	0.15753
RF87-11	AQA-19615	86	88	0	0.05	0.0183	0.0363	0.347
RF87-11	AQA-19616	88	90.05	0	0.05	0.012	0.0602	0.27056
RF87-11	AQA-19617	90.05	92	0	0.05	0.0101	0.0512	0.16214
RF87-11	AQA-19618	92	94	0	0.05	0.009	0.0531	0.18441
RF87-11	AQA-19619	94	96	0.023	1.3	0.0842	0.0521	0.91877
RF87-11	AQA-19620	96	98	0	0.05	0.0104	0.0562	0.17732
RF87-11	AQA-19621	98	100	0	0.05	0.0251	0.0364	0.45172
RF87-11	AQA-19622	100	102	0	0.3	0.0394	0.0324	0.68798
RF87-11	AQA-19623	102	104	0.115	2.1	0.1041	0.0601	0.53855
RF87-11	AQA-19624	104	106	0	0.2	0.0331	0.0478	0.61693
RF87-11	AQA-19625	106	108	0	0.05	0.0235	0.0484	0.40634
RF87-11	AQA-19626	108	110	0	0.1	0.0358	0.0449	0.70848
RF89-33	AQA-19627	0	2.44	0.016	0.2	0.0051	4.44	0.027035
RF89-33	AQA-19628	2.44	3.96	0.26	0.05	0.0025	0.196	0.0020366
RF89-33	AQA-19629	3.96	5.49	0.008	0.05	0.0039	0.222	0.0003569
RF89-33	AQA-19630	5.49	7.01	0	0.1	0.0083	0.157	0.000946
RF89-33	AQA-19631	7.01	8.53	0.007	0.05	0.0056	0.0745	0.0004349
RF89-33	AQA-19632	8.53	10.06	0.141	0.05	0.0063	0.192	0.0045302
RF89-33	AQA-19633	10.06	11.58	0	0.05	0.0009	0.32	0.0015425
RF89-33	AQA-19634	11.58	13.11	0.006	0.05	0.001	0.263	0.001735
RF89-33	AQA-19635	13.11	14.63	0.057	0.05	0.0013	0.303	0.0025939
RF89-33	AQA-19636	14.63	16.15	0.006	0.1	0.0021	0.298	0.0000996
RF89-33	AQA-19637	16.15	18	0.036	0.05	0.0053	0.316	0.0019417
RF89-33	AQA-19638	18	20	0.019	0.05	0.0054	0.213	0.10849

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-33	AQA-19639	20	21	0	0.05	0.008	0.447	0.0075682
RF89-33	AQA-19640	21	22.25	0.009	0.2	0.0058	1.09	0.04908
RF89-33	AQA-19641	22.25	24	0.02	0.3	0.0231	0.0532	0.83427
RF89-33	AQA-19642	24	26	0.057	0.3	0.0112	0.025	0.87022
RF89-33	AQA-19643	26	28	0.024	0.1	0.0065	0.0232	0.51896
RF89-33	AQA-19644	28	30	0.053	0.05	0.014	0.033	1.0578
RF89-33	AQA-19645	30	32	0.045	0.1	0.0214	0.0397	1.1984
RF89-33	AQA-19648	32	34	0.043	0.3	0.0138	0.0448	0.79014
RF89-33	AQA-19649	34	36	0.019	0.2	0.016	0.0301	1.1799
RF89-33	AQA-19650	36	38	0.073	0.3	0.0162	0.0262	1.1285
RF89-33	AQA-19651	38	40	0.307	0.5	0.0353	0.0391	1.7413
RF89-33	AQA-19652	40	42	0.029	0.05	0.013	0.0299	0.79568
RF89-33	AQA-19653	42	44	0.18	0.1	0.0158	0.0242	0.7404
RF89-33	AQA-19654	44	46	0.102	0.4	0.0363	0.0191	1.9507
RF89-33	AQA-19655	46	48	0.042	0.5	0.0313	0.0237	1.9152
RF89-33	AQA-19656	48	50	0.019	0.1	0.0103	0.0199	0.64248
RF89-33	AQA-19657	50	52	0.018	0.05	0.009	0.0172	0.41755
RF89-33	AQA-19658	52	54	0.108	0.05	0.0053	0.0168	0.26623
RF89-33	AQA-19659	54	56	1.149	0.2	0.0168	0.021	0.77006
RF89-33	AQA-19660	56	58	1.037	0.3	0.0159	0.0232	0.47385
RF89-33	AQA-19661	58	60	0.059	0.3	0.0263	0.0225	0.99463
RF89-33	AQA-19662	60	61	0.06	0.7	0.0902	0.0176	3.1986
RF89-33	AQA-19663	61	62	0.055	0.5	0.0558	0.0193	2.2716
RF89-33	AQA-19664	62	63	0.064	0.5	0.0606	0.0204	2.0399
RF89-33	AQA-19665	63	65	0.141	0.6	0.062	0.022	2.164
RF89-33	AQA-19666	65	67	0.069	0.6	0.0684	0.0191	2.1258
RF89-33	AQA-19669	67	69	0.089	0.9	0.0328	0.0214	1.4939
RF89-33	AQA-19670	69	71	0.247	0.1	0.0147	0.025	0.81196
RF89-33	AQA-19671	71	73	0.511	0.3	0.041	0.0262	1.7647
RF89-33	AQA-19672	73	75	0.049	0.05	0.0219	0.0235	1.0397
RF89-33	AQA-19673	75	77	0.019	0.05	0.0066	0.0194	0.4846
RF89-33	AQA-19674	77	79	0.118	0.3	0.0106	0.0179	0.46763
RF89-33	AQA-19675	79	81	0.038	0.3	0.0321	0.0223	1.0292
RF89-33	AQA-19676	81	83	0.055	0.3	0.0341	0.0193	1.3267
RF89-33	AQA-19677	83	85	0.064	0.3	0.0406	0.026	1.3213
RF89-33	AQA-19678	85	86	0.113	0.5	0.0825	0.0173	2.8086
RF89-33	AQA-19679	86	87.6	0.117	0.7	0.0802	0.0237	2.1315
RF89-33	AQA-19680	87.6	88.6	0.43	0.6	0.0507	0.0191	3.0823
RF89-33	AQA-19681	88.6	90	0.095	0.4	0.0537	0.0296	2.1138
RF89-33	AQA-19682	90	92	0.952	0.9	0.09	0.0338	3.3439
RF89-33	AQA-19683	92	94	0.099	0.4	0.056	0.0283	2.3234
RF89-33	AQA-19684	94	96	0.16	0.4	0.0374	0.024	1.617
RF89-33	AQA-19685	96	98	0.047	0.4	0.0458	0.0229	1.8474
RF89-33	AQA-19686	98	99	0.039	0.5	0.0531	0.0715	1.2352
RF89-33	AQA-19687	99	100.5	0.031	0.2	0.0269	0.0323	0.90684
RF89-33	AQA-19688	100.5	101.7	0.032	0.1	0.0204	0.0248	0.74442

Reef All Assays

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-33	AQA-19691	101.7	102.7	0.183	0.9	0.136	0.069	3.979
RF89-33	AQA-19692	102.7	104	0.176	1.1	0.2707	0.0339	2.6884
RF89-33	AQA-19693	104	106	0.294	0.7	0.1026	0.029	2.8138
RF89-33	AQA-19694	106	108	0.191	0.6	0.0757	0.0247	1.8106
RF89-33	AQA-19695	108	110	0.08	0.5	0.0473	0.0277	1.3471
RF89-33	AQA-19696	110	112	0.113	0.2	0.022	0.0192	0.75604
RF89-33	AQA-19697	112	113	0.096	0.3	0.0625	0.0256	1.4978
RF89-33	AQA-19698	113	114.2	0.198	1.1	0.144	0.0477	3.176
RF89-33	AQA-19699	114.2	115.2	0.762	1.5	0.1784	0.0588	3.5956
RF89-33	AQA-19700	115.2	116.7	18.194	3.8	0.2978	0.0647	5.4287
RF89-33	AQA-19701	116.7	118	0.241	1.6	0.2098	0.0284	2.6934
RF89-33	AQA-19702	118	120	0.128	0.7	0.0716	0.0258	1.7216
RF87-08	AQA-19703	18.1	19.2	0.011	0.05	0.0051	0.437	0.33396
RF87-08	AQA-19704	19.2	20.4	0.052	0.6	0.0088	0.768	0.15109
RF87-08	AQA-19705	20.4	22	0.021	0.2	0.0052	0.165	0.4518
RF87-08	AQA-19706	22	24	0.033	0.1	0.0019	0.023	0.2567
RF87-08	AQA-19707	24	26	0.021	0.1	0.0066	0.0313	0.95586
RF87-08	AQA-19708	26	28	0.1	0.1	0.0055	0.0587	0.66778
RF87-08	AQA-19709	28	30	0.047	0.2	0.0138	0.0499	0.92913
RF87-08	AQA-19710	30	32	0.01	0.3	0.0121	0.0672	0.92258
RF87-08	AQA-19711	32	34	0.017	0.3	0.0166	0.0407	1.3255
RF87-08	AQA-19712	34	36	0.027	0.2	0.0105	0.0248	0.85325
RF87-08	AQA-19713	36	38	0.016	0.3	0.0065	0.0251	0.58838
RF87-08	AQA-19714	38	40	0.026	0.4	0.0149	0.0645	1.119
RF87-08	AQA-19715	40	42	0.023	0.4	0.019	0.0453	1.1734
RF87-08	AQA-19716	42	44	0.186	0.9	0.0714	0.102	1.9536
RF87-08	AQA-19717	44	46	0.118	0.3	0.007	0.0842	0.47263
RF87-08	AQA-19718	46	47	0.016	0.4	0.0231	0.0836	1.5505
RF87-08	AQA-19719	47	48.7	0.013	0.8	0.0161	0.0579	0.9925
RF87-08	AQA-19720	48.7	49.85	0.015	0.2	0.007	0.04	0.53835
RF87-08	AQA-19721	49.85	51	0.168	0.4	0.0103	0.0846	0.94124
RF87-08	AQA-19724	51	53	0.031	0.3	0.0244	0.0834	1.4093
RF87-08	AQA-19725	53	55	0.028	0.3	0.0077	0.132	0.77829
RF87-08	AQA-19726	55	57	0.044	0.5	0.0147	0.0514	1.4074
RF87-08	AQA-19727	57	58.25	0.031	0.5	0.0179	0.0349	1.6694
RF87-08	AQA-19728	58.25	59.6	0.024	0.3	0.0083	0.0211	0.50509
RF87-08	AQA-19729	59.6	61	0.039	0.4	0.0318	0.0413	2.038
RF87-08	AQA-19730	61	63	0.045	0.2	0.0086	0.0265	0.37144
RF87-08	AQA-19731	63	65	0.044	0.3	0.0046	0.0206	0.23282
RF87-08	AQA-19732	65	67	0.018	0.3	0.0084	0.0225	0.57262
RF87-08	AQA-19733	67	69	0.124	0.2	0.0235	0.0354	1.0686
RF87-08	AQA-19734	69	71	0.271	0.05	0.0077	0.0288	0.5702
RF87-08	AQA-19735	71	73	0.528	0.2	0.0052	0.0324	0.33251
RF87-08	AQA-19736	73	75	0.02	0.05	0.0107	0.0303	0.86394
RF87-08	AQA-19737	75	76	0.054	0.05	0.0114	0.056	0.86281
RF87-08	AQA-19738	76	78	0.108	0.3	0.0153	0.0704	1.0818

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-08	AQA-19739	78	80	0.033	0.05	0.0086	0.0519	0.78706
RF87-08	AQA-19740	80	82	0.023	0.1	0.008	0.0549	0.65138
RF87-08	AQA-19741	82	83	0.057	0.2	0.0119	0.108	0.57941
RF87-08	AQA-19742	83	84	0.239	0.2	0.0114	0.0503	0.56532
RF87-08	AQA-19745	84	86	0.02	0.05	0.0039	0.066	0.28378
RF87-08	AQA-19746	86	88	0.037	0.05	0.0121	0.081	0.7591
RF87-08	AQA-19747	88	90	0.05	0.4	0.0424	0.0268	1.7503
RF87-08	AQA-19748	90	92	0.049	0.3	0.0294	0.024	1.3383
RF87-08	AQA-19749	92	93	0.072	1.2	0.091	0.0315	5.1455
RF87-08	AQA-19750	93	95	0.058	0.9	0.0919	0.0342	2.8352
RF87-08	AQA-18001	95	96	0.035	0.7	0.0683	0.0266	2.035
RF87-08	AQA-18002	96	97	0.055	1	0.0897	0.0449	4.1002
RF87-08	AQA-18003	97	98	0.038	0.4	0.046	0.0303	1.7448
RF87-08	AQA-18004	98	99	0.119	1.8	0.1274	0.0365	5.2447
RF87-08	AQA-18005	99	100	0.05	0.7	0.0652	0.0293	2.2808
RF87-08	AQA-18006	100	102	0.035	0.9	0.0745	0.028	2.1992
RF87-08	AQA-18007	102	103.8	0.098	1.7	0.1102	0.0371	3.5446
RF87-08	AQA-18008	103.8	105	0.007	0.2	0.0105	0.0503	0.25987
RF87-08	AQA-18009	105	106.5	0	0.05	0.0043	0.0382	0.18638
RF87-08	AQA-18010	106.5	108	0.013	0.6	0.0469	0.031	1.1801
RF87-08	AQA-18011	108	110	0.021	0.2	0.0091	0.0295	0.14048
RF87-08	AQA-18012	110	112	0.087	0.3	0.0172	0.0337	0.57581
RF87-08	AQA-18013	112	114	0.012	0.05	0.0134	0.0368	0.36833
RF87-08	AQA-18014	114	116	0.036	0.7	0.0657	0.0384	1.4933
RF87-08	AQA-18017	116	117.65	0.025	0.5	0.0586	0.0506	1.399
RF87-08	AQA-18018	117.65	119.79	0.012	0.3	0.0336	0.0397	0.82901
RF87-08	AQA-18019	119.79	121	0.006	0.05	0.015	0.0447	0.28652
RF87-08	AQA-18020	121	123	0	0.2	0.019	0.0454	0.47788
RF87-08	AQA-18021	123	125	0.013	0.3	0.0299	0.0358	0.97693
RF87-08	AQA-18022	125	127	0.01	0.05	0.0152	0.0524	0.26538
RF87-08	AQA-18023	127	129	0.03	0.6	0.0594	0.0439	1.5119
RF87-08	AQA-18024	129	131	0.02	0.4	0.0396	0.0604	0.91028
RF87-08	AQA-18025	131	133	0.033	0.4	0.0499	0.047	1.1706
RF87-08	AQA-18026	133	135	0.019	0.3	0.0373	0.0515	0.83799
RF87-08	AQA-18027	135	137	0.03	0.3	0.0435	0.0479	0.86083
RF87-08	AQA-18028	137	139	0.021	0.05	0.0234	0.0369	0.43179
RF87-08	AQA-18029	139	141	0.019	0.05	0.0158	0.0262	0.30291
RF87-08	AQA-18030	141	142	0.011	0.05	0.011	0.0553	0.20223
RF87-08	AQA-18031	142	143	0.011	0.05	0.0103	0.064	0.13808
RF87-08	AQA-18032	143	144.17	0.032	0.05	0.0079	0.0322	0.1364
RF87-08	AQA-18033	144.17	145.2	0.283	0.6	0.0729	0.0736	1.3609
RF87-08	AQA-18034	145.2	146.7	2.948	2.3	0.1915	0.0813	4.0893
RF87-08	AQA-18035	146.7	147.8	0.477	0.9	0.1077	0.115	1.7902
RF87-08	AQA-18038	147.8	148.8	0.639	5.7	0.5223	0.0589	6.7785
RF87-08	AQA-18039	148.8	149.8	0.228	1.7	0.1629	0.0378	2.8077
RF87-08	AQA-18040	149.8	151	0.266	2.3	0.1307	0.0446	2.1635

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-08	AQA-18041	151	152	0.443	3.1	0.4038	0.0588	3.5492
RF87-08	AQA-18042	152	153	1.131	3	0.1463	0.0577	8.1973
RF87-08	AQA-18043	153	154	0.501	2	0.156	0.0382	2.7461
RF87-08	AQA-18044	154	155	1.491	1.9	0.2206	0.0436	5.4049
RF87-08	AQA-18045	155	156	2.019	1.5	0.141	0.0353	2.3641
RF87-08	AQA-18046	156	157	0.606	0.9	0.0933	0.0317	1.7457
RF87-08	AQA-18047	157	158	0.406	0.7	0.0699	0.032	1.7674
RF87-08	AQA-18048	158	159	6.756	0.8	0.0662	0.0304	1.5033
RF87-08	AQA-18049	159	160	1.058	0.5	0.0341	0.0287	0.8579
RF87-08	AQA-18050	160	161	16.522	2	0.1485	0.034	2.9176
RF87-08	AQA-18051	161	162	0.161	0.4	0.0441	0.0243	1.1091
RF87-08	AQA-18052	162	163	0.175	0.4	0.0545	0.0225	1.2423
RF87-08	AQA-18053	163	164	0.09	0.4	0.0167	0.0235	0.64464
RF87-08	AQA-18054	164	165	0.248	0.1	0.0185	0.0241	0.52172
RF87-08	AQA-18055	165	166	0.277	0.7	0.0947	0.0294	1.7622
RF87-08	AQA-18056	166	167.5	1.088	0.5	0.0498	0.0293	1.2183
RF87-08	AQA-18059	167.5	168.5	7.453	1.3	0.0901	0.0332	2.3452
RF87-08	AQA-18060	168.5	169.5	0.157	0.2	0.0321	0.0253	0.83715
RF87-08	AQA-18061	169.5	170.5	0.118	0.3	0.0151	0.0273	1.2121
RF87-08	AQA-18062	170.5	171.95	0.061	0.2	0.0244	0.0496	0.93964
RF87-08	AQA-18063	171.95	173	0.05	0.3	0.0295	0.0459	1.4774
RF87-08	AQA-18064	173	175	0.047	0.4	0.04	0.0518	1.4926
RF87-08	AQA-18065	175	177	0.076	0.5	0.0469	0.0478	1.5486
RF87-08	AQA-18066	177	179	0.032	0.4	0.0475	0.0445	1.688
RF87-08	AQA-18067	179	181	0.039	0.5	0.0726	0.0423	2.2511
RF87-08	AQA-18068	181	183	0.015	0.4	0.0386	0.0287	1.2452
RF87-08	AQA-18069	183	184.5	0.065	0.5	0.0666	0.0277	2.4772
RF87-08	AQA-18070	184.5	186	0.033	0.6	0.0715	0.0743	2.2146
RF87-08	AQA-18071	186	188	0.041	0.8	0.0861	0.0848	2.5978
RF87-08	AQA-18072	188	190	0.035	0.6	0.0749	0.0912	2.7729
RF87-08	AQA-18073	190	192	0.065	0.9	0.097	0.107	2.9682
RF87-08	AQA-18074	192	194	0.068	1.1	0.1137	0.145	2.7945
RF87-08	AQA-18075	194	195.68	0.094	1.2	0.1036	0.109	1.7414
RF87-08	AQA-18076	195.68	196.85	0.033	0.9	0.1057	0.135	2.154
RF87-08	AQA-18077	196.85	198	0.022	0.6	0.0531	0.21	0.82876
RF87-08	AQA-18080	198	200	0.012	0.5	0.0326	0.113	0.27345
RF87-08	AQA-18081	200	202	0	0.5	0.0231	0.0551	0.24379
RF87-08	AQA-18082	202	204	0	0.3	0.0229	0.0544	0.19822
RF87-08	AQA-18083	204	206	0	0.4	0.0259	0.052	0.11903
RF87-08	AQA-18084	206	208	0.009	0.4	0.0292	0.0548	0.23976
RF87-08	AQA-18085	208	210	0.009	0.6	0.0479	0.0735	0.52957
RF87-08	AQA-18086	210	212	0.01	0.5	0.0383	0.0951	0.26784
RF87-08	AQA-18087	212	214	0.02	0.7	0.0475	0.156	0.37636
RF87-09	AQA-18088	15.15	17	0.006	0.4	0.0154	0.1	0.5724
RF87-09	AQA-18089	17	19	0.009	0.3	0.0227	0.0692	0.73601
RF87-09	AQA-18090	19	21	0.009	0.3	0.0232	0.0942	0.75472

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-09	AQA-18091	21	23	0.005	0.4	0.0122	0.159	0.46223
RF87-09	AQA-18092	23	25	0.006	0.2	0.0173	0.0478	0.88925
RF87-09	AQA-18093	25	26	0.077	0.6	0.0279	0.0354	1.5399
RF87-09	AQA-18094	26	27	0.009	0.3	0.0159	0.121	0.64093
RF87-09	AQA-18095	27	29	0	0.05	0.0094	0.059	0.57886
RF87-09	AQA-18096	29	31	0	0.05	0.0041	0.0392	0.1495
RF87-09	AQA-18097	31	32.31	0	0.5	0.0132	0.0334	0.38256
RF87-09	AQA-18098	32.31	34	0.007	0.3	0.0131	0.0529	0.38145
RF87-09	AQA-18099	34	35.36	0.009	0.3	0.0067	0.0609	0.29053
RF87-09	AQA-18100	35.36	36.58	0	0.3	0.0117	0.0458	0.6902
RF87-09	AQA-18101	36.58	38	0	0.1	0.0058	0.0748	0.24796
RF87-09	AQA-18102	38	40	0.012	2	0.0444	0.0781	1.035
RF87-09	AQA-18103	40	42	0.033	4.1	0.0842	0.302	1.4729
RF87-09	AQA-18104	42	44	0.018	1.9	0.062	0.0771	1.4546
RF87-09	AQA-18105	44	46	0.01	1.5	0.0463	0.0822	1.3423
RF87-09	AQA-18106	46	48	0.008	1.1	0.0432	0.1	1.3246
RF87-09	AQA-18109	48	49.68	0.011	2	0.051	0.114	1.3202
RF87-09	AQA-18110	49.68	51	0.028	3.1	0.0745	0.405	1.9775
RF87-09	AQA-18111	51	52	0.014	2.3	0.0569	0.526	0.90627
RF87-09	AQA-18112	52	54	0.016	0.7	0.0188	0.131	0.50106
RF87-09	AQA-18113	54	55	0.055	5.5	0.1812	0.124	2.3764
RF87-09	AQA-18114	55	57	0.007	1.4	0.0337	0.0913	0.75578
RF87-09	AQA-18115	57	59	0.009	1.8	0.0525	0.0875	1.0955
RF87-09	AQA-18116	59	61	0.011	1.4	0.0374	0.124	0.79951
RF87-09	AQA-18117	61	63	0.007	1.1	0.0271	0.0928	0.65037
RF87-09	AQA-18118	63	65	0	0.8	0.0249	0.0852	0.55857
RF87-09	AQA-18119	65	67	0	1	0.0322	0.091	0.68861
RF87-09	AQA-18120	67	69	0.008	1.1	0.0334	0.0777	0.63815
RF87-09	AQA-18121	69	71	0.009	0.7	0.0242	0.0814	0.48123
RF87-09	AQA-18122	71	73	0	0.4	0.0106	0.0552	0.30199
RF87-09	AQA-18123	73	75	0.008	0.6	0.0311	0.0544	0.57883
RF87-09	AQA-18124	75	77	0.006	0.6	0.0303	0.0677	0.48471
RF87-09	AQA-18125	77	79	0.013	0.8	0.0364	0.0778	0.61178
RF87-09	AQA-18126	79	81	0.015	0.8	0.0421	0.0676	0.72211
RF87-09	AQA-18127	81	83	0.012	0.7	0.0239	0.101	0.55236
RF87-09	AQA-18130	83	85	0.01	0.5	0.0272	0.163	0.62931
RF87-09	AQA-18131	85	87	0.011	0.6	0.0291	0.132	0.41179
RF87-09	AQA-18132	87	89	0.009	0.8	0.0349	0.0948	0.77801
RF87-09	AQA-18133	89	91	0.01	0.8	0.0398	0.107	1.0791
RF87-09	AQA-18134	91	93	0.008	0.6	0.0276	0.105	0.60869
RF87-09	AQA-18135	93	95	0.012	0.8	0.0319	0.129	0.5898
RF87-09	AQA-18136	95	97	0.015	0.8	0.033	0.11	1.1593
RF87-09	AQA-18137	97	99	0.009	0.5	0.0316	0.138	0.87573
RF87-09	AQA-18138	99	101	0.007	0.4	0.0256	0.0881	0.79059
RF87-09	AQA-18139	101	103	0.012	0.8	0.0348	0.107	0.81274
RF87-09	AQA-18140	103	105	0.016	0.6	0.0238	0.128	0.52156

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-09	AQA-18141	105	107	0.009	0.3	0.0197	0.11	0.58514
RF87-09	AQA-18142	107	109	0.015	0.3	0.0247	0.16	0.76709
RF87-09	AQA-18143	109	111	0.027	0.3	0.0277	0.0809	0.87048
RF87-09	AQA-18144	111	113	0.028	0.2	0.0159	0.0969	0.64145
RF87-09	AQA-18145	113	114	0.02	0.05	0.0102	0.0677	0.99193
RF87-09	AQA-18146	114	115.4	0.021	0.3	0.0278	0.0531	0.93793
RF87-09	AQA-18147	115.4	117	0.333	0.8	0.0587	0.0237	1.6954
RF87-09	AQA-18148	117	119	0.314	0.7	0.0542	0.0302	1.2499
RF87-09	AQA-18149	119	120	1.283	0.9	0.0462	0.0276	0.96766
RF87-09	AQA-18152	120	121	1.819	1.5	0.069	0.0473	1.768
RF87-09	AQA-18153	121	122	4.274	2	0.1699	0.0552	4.0153
RF87-09	AQA-18154	122	124	1.024	0.6	0.0227	0.0261	0.52921
RF87-09	AQA-18155	124	126	0.267	0.2	0.0115	0.237	0.31982
RF87-09	AQA-18156	126	128	0.162	0.1	0.0088	0.0403	0.31396
RF87-09	AQA-18157	128	130	0.037	0.05	0.0059	0.0697	0.16759
RF87-09	AQA-18158	130	132	0.038	0.9	0.0302	0.0557	0.51775
RF87-09	AQA-18159	132	134	0.019	0.8	0.0215	0.055	0.53695
RF87-09	AQA-18160	134	136	0.025	0.4	0.0185	0.0722	0.9355
RF87-09	AQA-18161	136	138	0.009	0.4	0.0328	0.0694	1.5532
RF87-09	AQA-18162	138	140	0.017	0.8	0.0612	0.069	2.2072
RF87-09	AQA-18163	140	142	0.006	0.2	0.0221	0.0695	1.1171
RF87-09	AQA-18164	142	143	0.011	0.05	0.0062	0.036	0.47264
RF87-09	AQA-18165	143	144	0.314	1.1	0.0993	0.0809	4.3322
RF87-09	AQA-18166	144	145.4	0.052	3.8	0.0385	0.0379	1.9488
RF87-09	AQA-18167	145.4	147	0.011	0.1	0.0077	0.072	0.53678
RF87-09	AQA-18168	147	148	0.021	0.05	0.0048	0.0458	0.55751
RF87-09	AQA-18169	148	149	0.036	0.3	0.0188	0.0378	0.60474
RF87-09	AQA-18170	149	151	0.014	0.5	0.0252	0.0308	1.5142
RF87-09	AQA-18173	151	153	0.006	0.2	0.01	0.0299	0.86385
RF87-09	AQA-18174	153	154.45	0	0.05	0.0057	0.0326	0.58181
RF87-09	AQA-18175	154.45	156	0.007	0.05	0.0023	0.0425	0.21393
RF87-09	AQA-18176	156	158	0.008	0.1	0.0052	0.0372	0.62953
RF87-09	AQA-18177	158	160	0.005	0.05	0.0019	0.0414	0.25253
RF87-09	AQA-18178	160	162	0.011	0.05	0.0073	0.0355	0.4906
RF87-09	AQA-18179	162	164	0.019	0.05	0.0064	0.0336	0.61698
RF87-09	AQA-18180	164	166	0.008	0.05	0.0025	0.0314	0.24958
RF87-09	AQA-18181	166	168	0.015	0.1	0.0022	0.047	0.209
RF87-09	AQA-18182	168	170	0.032	0.2	0.0076	0.0327	0.70724
RF87-09	AQA-18183	170	171.6	0.052	0.1	0.0082	0.0342	0.61706
RF87-13	AQA-18314	16.76	18	0.016	0.2	0.0176	0.222	0.62612
RF87-13	AQA-18315	18	19.7	0.047	0.05	0.0134	0.096	0.49522
RF87-13	AQA-18316	19.7	21	0.077	0.05	0.0109	0.128	0.20342
RF87-13	AQA-18317	21	23	0.051	0.05	0.001	0.166	0.033846
RF87-13	AQA-18318	23	25	0.05	0.1	0.0049	0.149	0.22046
RF87-13	AQA-18319	25	27	0.03	0.05	0.003	0.181	0.16633
RF87-13	AQA-18320	27	29	0.076	0.05	0.0077	0.323	0.31149

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-13	AQA-18321	29	30.4	0.008	0.05	0.0032	0.181	0.10308
RF87-13	AQA-18322	30.4	31.5	0.04	0.2	0.0106	0.0774	0.38864
RF87-13	AQA-18323	31.5	33	0.109	0.7	0.0932	0.0776	2.1432
RF87-13	AQA-18324	33	34	0.061	0.2	0.0322	0.0434	1.0386
RF87-13	AQA-18325	34	36	0.01	0.05	0.0338	0.0368	1.2624
RF87-13	AQA-18326	36	38	0	0.05	0.0049	0.0287	0.17657
RF87-13	AQA-18327	38	40	0	0.05	0.0117	0.0356	0.36505
RF87-13	AQA-18328	40	42	0	0.05	0.0078	0.0345	0.17903
RF87-13	AQA-18329	42	43	0.012	0.1	0.0164	0.0241	0.43311
RF87-13	AQA-18330	43	44	0.016	0.1	0.023	0.0514	1.7414
RF87-13	AQA-18331	44	46	0.024	0.05	0.0181	0.0725	0.8275
RF87-13	AQA-18332	46	47	0.063	0.3	0.0279	0.0775	0.47205
RF87-13	AQA-18335	47	48.45	0.053	0.05	0.0099	0.0912	0.29257
RF87-13	AQA-18336	48.45	50	0.442	0.5	0.0766	0.0607	1.4033
RF87-13	AQA-18337	50	51	0.401	0.3	0.0462	0.0271	1.2149
RF87-13	AQA-18338	51	52.5	0.057	0.3	0.0307	0.0243	0.90423
RF87-13	AQA-18339	52.5	53.5	0.692	0.3	0.0545	0.028	2.4632
RF87-13	AQA-18340	53.5	55	0.026	0.1	0.0216	0.0386	0.72704
RF87-13	AQA-18341	55	57	0.034	0.05	0.015	0.0538	0.57301
RF87-13	AQA-18342	57	59	0.195	0.05	0.0149	0.0791	0.47339
RF87-13	AQA-18343	59	61	0.247	0.05	0.0096	0.0733	0.29708
RF87-13	AQA-18344	61	63	0.137	0.05	0.014	0.0637	0.34129
RF87-13	AQA-18345	63	65	0.577	0.05	0.013	0.029	0.30561
RF87-13	AQA-18346	65	67	0.532	0.05	0.0191	0.0328	0.42173
RF87-13	AQA-18347	67	69	0.017	0.05	0.0109	0.0296	0.31748
RF87-13	AQA-18348	69	71	0.017	0.1	0.0142	0.0282	0.44267
RF87-13	AQA-18349	71	73	0.082	0.1	0.025	0.0426	0.5365
RF87-13	AQA-18350	73	75	0.14	0.1	0.0212	0.0242	0.60599
RF87-13	AQA-18351	75	76	0.874	0.3	0.0381	0.0236	1.034
RF87-13	AQA-18352	76	77	0.196	0.3	0.0534	0.0278	2.1272
RF87-13	AQA-18353	77	79	0.155	0.05	0.0109	0.0652	0.29129
RF87-13	AQA-18356	79	81	0.204	0.05	0.013	0.0195	0.48531
RF87-13	AQA-18357	81	83	0.016	0.05	0.0041	0.0179	0.09794
RF87-13	AQA-18358	83	85	0.228	0.1	0.0132	0.0178	0.43345
RF87-13	AQA-18359	85	87	0.029	0.05	0.0124	0.0317	0.26465
RF87-13	AQA-18360	87	89	0.026	0.05	0.0108	0.0289	0.36559
RF87-13	AQA-18361	89	91	0.134	0.2	0.0495	0.0324	0.78165
RF87-13	AQA-18362	91	93	0.208	0.05	0.0109	0.0285	0.18926
RF87-13	AQA-18363	93	95	0.369	0.05	0.0132	0.029	0.51771
RF87-13	AQA-18364	95	97	4.083	0.2	0.0287	0.0267	0.87896
RF87-13	AQA-18365	97	99	1.594	0.2	0.0836	0.0267	1.5746
RF87-13	AQA-18366	99	100	0.055	0.05	0.0326	0.0202	0.99188
RF87-13	AQA-18367	100	101	0.101	0.2	0.0637	0.0206	1.4808
RF87-13	AQA-18368	101	103	0.054	0.5	0.0465	0.0181	0.9865
RF87-13	AQA-18369	103	104	0.03	0.05	0.023	0.0193	0.59643
RF87-13	AQA-18370	104	105	0.075	0.05	0.0344	0.0251	0.99412

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-13	AQA-18371	105	106	0.084	0.2	0.0679	0.0238	2.2971
RF87-13	AQA-18372	106	108	0.091	0.05	0.0113	0.0265	0.27976
RF87-13	AQA-18373	108	110	0.038	0.05	0.0189	0.025	0.47719
RF87-13	AQA-18374	110	111	0.033	0.05	0.0144	0.0221	0.49191
RF87-13	AQA-18375	111	112	0.109	0.2	0.1148	0.0274	2.5948
RF87-13	AQA-18378	112	113	0.169	0.1	0.0693	0.0262	1.697
RF87-13	AQA-18379	113	114	0.146	1.1	0.2408	0.0462	3.4721
RF87-13	AQA-18380	114	116	0.173	0.3	0.1184	0.0327	2.4003
RF87-13	AQA-18381	116	117	5.676	0.9	0.2537	0.0556	2.6703
RF87-13	AQA-18382	117	119	0.143	0.2	0.063	0.0367	1.3902
RF87-13	AQA-18383	119	120	0.115	0.4	0.0641	0.0443	1.2428
RF87-13	AQA-18384	120	121	0.084	0.2	0.0668	0.0243	1.3579
RF87-13	AQA-18385	121	123	0.106	0.3	0.0773	0.0298	1.694
RF87-13	AQA-18386	123	124	0.301	0.7	0.2203	0.041	3.6335
RF87-13	AQA-18387	124	125	0.156	0.6	0.2155	0.0538	3.3658
RF87-13	AQA-18388	125	126	0.217	1.3	0.3888	0.0295	3.2824
RF87-13	AQA-18389	126	128	0.014	0.05	0.032	0.025	0.91469
RF87-13	AQA-18390	128	130	0.008	0.05	0.0467	0.026	1.2924
RF87-13	AQA-18391	130	131.9	0.011	0.2	0.0745	0.0292	1.5991
RF87-13	AQA-18392	131.9	133	0	0.05	0.0296	0.0472	0.67157
RF87-13	AQA-18393	133	135	0.098	0.1	0.0451	0.0267	1.0911
RF87-13	AQA-18394	135	136	0.017	0.4	0.0999	0.0336	1.5806
RF87-13	AQA-18395	136	137	0.01	0.05	0.0595	0.0262	1.3271
RF87-13	AQA-18396	137	139	0.024	0.4	0.1039	0.0324	2.2332
RF87-13	AQA-18399	139	141	0.008	0.1	0.0248	0.0493	0.47342
RF87-13	AQA-18400	141	143	0.018	0.4	0.1352	0.0275	2.3625
RF87-13	AQA-18401	143	145	0.106	0.05	0.0212	0.0396	0.3566
RF87-13	AQA-18402	145	147	0	0.05	0.0161	0.0493	0.38585
RF87-13	AQA-18403	147	149	0	0.05	0.0054	0.0524	0.11254
RF87-13	AQA-18404	149	150	0	0.05	0.0052	0.0445	0.10507
RF87-13	AQA-18405	150	151	0.006	0.05	0.02	0.0268	0.39311
RF87-13	AQA-18406	151	153	0	0.05	0.0042	0.038	0.060683
RF87-13	AQA-18407	153	154	0.022	0.4	0.0559	0.0341	0.90669
RF87-13	AQA-18408	154	155	0.068	0.2	0.0251	0.0592	0.27867
RF87-13	AQA-18409	155	156.92	0.008	0.05	0.0027	0.07	0.019757
RF87-13	AQA-18410	156.92	158	0.162	1.4	0.2673	0.0547	3.1132
RF87-13	AQA-18411	158	160	0.041	0.3	0.067	0.0368	1.4508
RF87-13	AQA-18412	160	162	0.023	0.2	0.044	0.0249	1.2828
RF87-13	AQA-18413	162	163	0.013	0.05	0.0275	0.0368	0.51144
RF87-13	AQA-18414	163	164	0.172	1	0.1443	0.0346	2.1603
RF87-13	AQA-18415	164	166	0.012	0.3	0.0253	0.0289	0.39912
RF87-13	AQA-18416	166	167.9	0.036	0.5	0.0654	0.0238	0.80572
RF87-13	AQA-18417	167.9	168.9	0.385	2	0.2816	0.0387	2.883
RF87-13	AQA-18420	168.9	171	0.028	0.3	0.036	0.0268	0.22507
RF87-13	AQA-18421	171	173	0.068	1.6	0.1132	0.0504	0.2835
RF87-13	AQA-18422	173	175	0	0.05	0.0076	0.106	0.12175

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF87-13	AQA-18423	175	177	0	0.05	0.0021	0.0482	0.03363
RF87-13	AQA-18424	177	179	0	0.05	0.0067	0.0448	0.085542
RF88-22	AQA-18425	8.53	10	0.009	0.2	0.0235	0.0677	0.91305
RF88-22	AQA-18426	10	12	0.009	0.3	0.027	0.0533	1.2486
RF88-22	AQA-18427	12	14	0	0.2	0.0096	0.0607	0.49082
RF88-22	AQA-18428	14	16	0.015	0.05	0.0071	0.0559	0.37114
RF88-22	AQA-18429	16	18	0	0.05	0.0171	0.0545	0.30437
RF88-22	AQA-18430	18	20	0	0.05	0.0078	0.0645	0.2198
RF88-22	AQA-18431	20	22	0.006	0.2	0.0128	0.06	0.63432
RF88-22	AQA-18432	22	24	0.016	0.5	0.0162	0.0705	0.86507
RF88-22	AQA-18433	24	26	0.021	2.5	0.0347	0.07	1.4594
RF88-22	AQA-18434	26	27	0.023	1.8	0.0374	0.0785	0.86244
RF88-22	AQA-18435	27	28	0.038	1.3	0.0415	0.0656	1.0632
RF88-22	AQA-18436	28	29.5	0.005	0.8	0.0291	0.122	1.9038
RF88-22	AQA-18437	29.5	30.75	0	0.3	0.0156	0.0916	0.6402
RF88-22	AQA-18438	30.75	32	0.016	0.2	0.0205	0.0741	0.5701
RF88-22	AQA-18439	32	34	0.006	0.1	0.0135	0.0517	0.84798
RF88-22	AQA-18440	34	36	0.009	0.2	0.0185	0.0363	1.1646
RF88-22	AQA-18441	36	38	0.007	0.05	0.0187	0.047	0.89257
RF88-22	AQA-18442	38	40	0.02	0.2	0.0337	0.0508	1.5677
RF88-22	AQA-18443	40	42	0.018	0.7	0.0394	0.0547	1.477
RF88-22	AQA-18446	42	44	0.017	0.5	0.0427	0.0676	1.4064
RF88-22	AQA-18447	44	46	0.033	0.4	0.052	0.0288	1.7161
RF88-22	AQA-18448	46	48	0.019	0.2	0.0319	0.035	1.1164
RF88-22	AQA-18449	48	50	0.009	0.2	0.0297	0.0536	1.0689
RF88-22	AQA-18450	50	52	0.006	0.05	0.0328	0.0325	1.1735
RF88-22	AQA-18451	52	54	0.009	0.05	0.0262	0.038	1.2263
RF88-22	AQA-18452	54	56	0.006	0.1	0.0299	0.0297	1.3348
RF88-22	AQA-18453	56	58	0.009	0.05	0.0272	0.035	1.1014
RF88-22	AQA-18454	58	60	0	0.05	0.0192	0.0261	0.74256
RF88-22	AQA-18455	60	62	0	0.05	0.0303	0.043	0.98499
RF88-22	AQA-18456	62	64	0.008	0.05	0.028	0.0285	0.93976
RF88-22	AQA-18457	64	66	0.01	0.1	0.035	0.0266	1.229
RF88-22	AQA-18458	66	68	0	0.05	0.032	0.0428	1.0546
RF88-22	AQA-18459	68	70	0.007	0.1	0.0297	0.0372	0.91212
RF88-22	AQA-18460	70	72	0.007	0.2	0.0273	0.0379	1.3239
RF88-22	AQA-18461	72	74	0.013	0.5	0.0435	0.0476	1.2917
RF88-22	AQA-18462	74	76	0.023	0.3	0.035	0.0308	1.1897
RF88-22	AQA-18463	76	78	0.043	0.4	0.0415	0.0519	1.4203
RF88-22	AQA-18464	78	80	0.091	0.3	0.047	0.0223	1.7824
RF88-22	AQA-18467	80	81	0.052	0.4	0.0369	0.0257	1.7114
RF88-22	AQA-18468	81	82.3	0.028	0.1	0.0324	0.0252	1.4818
RF88-22	AQA-18469	82.3	84	0.03	0.05	0.0294	0.023	1.2805
RF88-22	AQA-18470	84	86	0.006	0.05	0.0258	0.0201	1.4405
RF88-22	AQA-18471	86	88	0.008	0.05	0.0161	0.0289	0.83393
RF88-22	AQA-18472	88	90	0.054	0.5	0.0707	0.0273	2.4729

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF88-22	AQA-18473	90	92	0.161	1.5	0.1785	0.0366	5.9713
RF88-22	AQA-18474	92	93	2.152	0.3	0.0408	0.0291	1.7433
RF88-22	AQA-18475	93	94	1.947	0.2	0.0309	0.0768	1.377
RF88-22	AQA-18476	94	95	0.064	0.05	0.0214	0.328	0.52115
RF88-22	AQA-18477	95	96	0.238	0.2	0.0267	0.15	0.58842
RF88-22	AQA-18478	96	97.75	1.086	0.2	0.0242	0.1	0.42858
RF88-22	AQA-18479	97.75	99	0.037	0.3	0.0426	0.0357	0.67786
RF88-22	AQA-18480	99	101	0.006	0.05	0.0047	0.093	0.080968
RF88-22	AQA-18481	101	103	0.007	0.1	0.0098	0.112	0.095947
RF88-22	AQA-18482	103	105	0.008	0.05	0.0076	0.133	0.10171
RF88-22	AQA-18483	105	107	0.012	0.05	0.0116	0.072	0.16658
RF88-22	AQA-18484	107	109	0	0.05	0.0062	0.177	0.06192
RF88-22	AQA-18485	109	110.2	0.007	0.3	0.042	0.184	0.11316
RF89-29	AQA-18184	0	4.27	0.086	0.05	0.0025	-999	-999
RF89-29	AQA-18185	4.27	7.01	0	0.2	0.0015	0.072	0.0011304
RF89-29	AQA-18186	7.01	8.84	0.083	0.4	0.0055	0.0535	0.090358
RF89-29	AQA-18187	8.84	10.36	0.045	0.2	0.0033	0.0708	0.016868
RF89-29	AQA-18188	10.36	11.89	0.024	0.4	0.009	0.11	0.28547
RF89-29	AQA-18189	11.89	13.41	0.02	0.1	0.0035	0.0476	0.078648
RF89-29	AQA-18190	13.41	15.7	0.037	0.2	0.0021	0.709	0.053197
RF89-29	AQA-18191	15.7	16.46	0.034	0.3	0.0051	0.191	0.73179
RF89-29	AQA-18192	16.46	17.68	0.023	0.3	0.0048	0.174	0.69876
RF89-29	AQA-18193	17.68	19.51	0	0.1	0.0012	0.046	0.011513
RF89-29	AQA-18194	19.51	20.73	0.043	0.05	0.0021	0.0556	0.0052822
RF89-29	AQA-18195	20.73	22.56	0.116	0.4	0.0174	0.233	0.24222
RF89-29	AQA-18196	22.56	24.08	0.025	0.2	0.006	0.0334	0.7364
RF89-29	AQA-18197	24.08	25.6	0.015	0.05	0.0034	0.0159	0.48202
RF89-29	AQA-18198	25.6	27.13	0.013	0.05	0.0067	0.0191	0.83461
RF89-29	AQA-18199	27.13	28.65	0.125	0.1	0.0078	0.028	0.93182
RF89-29	AQA-18200	28.65	30.18	0.074	0.2	0.0056	0.0157	0.53998
RF89-29	AQA-18201	30.18	31.7	0.093	0.2	0.0029	0.019	0.30328
RF89-29	AQA-18202	31.7	32.77	0.038	0.05	0.0157	0.0305	0.99122
RF89-29	AQA-18205	32.77	34.75	0.224	0.1	0.0106	0.0266	0.84041
RF89-29	AQA-18206	34.75	36.27	0.601	0.2	0.0125	0.0156	1.0392
RF89-29	AQA-18207	36.27	37.8	0.188	0.05	0.0146	0.0174	1.0205
RF89-29	AQA-18208	37.8	39.32	0.026	0.05	0.0073	0.0168	0.76632
RF89-29	AQA-18209	39.32	40.84	0.023	0.05	0.0071	0.0348	0.6961
RF89-29	AQA-18210	40.84	42.37	0.016	0.05	0.0068	0.032	0.5701
RF89-29	AQA-18211	42.37	43.89	0.047	0.05	0.006	0.0249	0.52632
RF89-29	AQA-18212	43.89	45.42	0.016	0.05	0.0055	0.0247	0.51963
RF89-29	AQA-18213	45.42	46.94	0.02	0.1	0.0084	0.0295	0.68985
RF89-29	AQA-18214	46.94	48.16	0.046	0.05	0.0082	0.0141	0.84221
RF89-29	AQA-18215	48.16	48.86	0.054	0.1	0.0238	0.015	2.1783
RF89-29	AQA-18216	48.86	49.99	0.038	0.05	0.0128	0.0102	1.1035
RF89-29	AQA-18217	49.99	51.51	0.036	0.05	0.016	0.0104	1.427
RF89-29	AQA-18218	51.51	53.04	0.011	0.05	0.0077	0.0187	0.65709

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-29	AQA-18219	53.04	54.56	0.022	0.05	0.007	0.0327	0.72505
RF89-29	AQA-18220	54.56	56.08	0.013	0.05	0.0031	0.0239	0.36244
RF89-29	AQA-18221	56.08	57.61	0.02	0.05	0.0006	0.0176	0.11459
RF89-29	AQA-18222	57.61	59.13	0.012	0.05	0.0017	0.0231	0.23233
RF89-29	AQA-18223	59.13	60.66	0.015	0.05	0.0033	0.0147	0.45722
RF89-29	AQA-18226	60.66	62.18	0.065	0.05	0.013	0.0367	1.1351
RF89-29	AQA-18227	62.18	63.7	0.458	0.2	0.013	0.0513	1.5273
RF89-29	AQA-18228	63.7	65.23	0.114	0.05	0.0117	0.0296	1.1274
RF89-29	AQA-18229	65.23	66.75	0.065	0.05	0.0116	0.0467	0.78659
RF89-29	AQA-18230	66.75	68.28	0.166	0.5	0.0318	0.0281	2.6641
RF89-29	AQA-18231	68.28	69.8	0.134	0.3	0.0349	0.0373	2.2492
RF89-29	AQA-18232	69.8	71.32	0.026	0.3	0.0236	0.0112	1.4456
RF89-29	AQA-18233	71.32	72.85	0.013	0.2	0.0341	0.0189	1.1398
RF89-29	AQA-18234	72.85	74.37	0.009	0.05	0.0168	0.0218	0.77902
RF89-29	AQA-18235	74.37	75.9	0.013	0.3	0.0543	0.0251	1.0287
RF89-29	AQA-18236	75.9	77.42	0.066	0.05	0.036	0.0177	1.303
RF89-29	AQA-18237	77.42	78.75	0.016	0.4	0.0306	0.0242	1.1327
RF89-29	AQA-18238	78.75	81	0.013	0.05	0.0313	0.0427	1.187
RF89-29	AQA-18239	81	83	0.012	0.05	0.0204	0.0293	0.88363
RF89-29	AQA-18240	83	85	0.022	0.05	0.0212	0.0236	0.98316
RF89-29	AQA-18241	85	87	0.009	0.05	0.0296	0.034	1.2855
RF89-29	AQA-18242	87	89	0.008	0.05	0.0157	0.0347	0.59971
RF89-29	AQA-18243	89	91	0.012	0.05	0.0242	0.0253	0.91717
RF89-29	AQA-18244	91	93	0.009	0.3	0.0447	0.0321	1.5052
RF89-29	AQA-18245	93	94	0.011	0.1	0.025	0.09	0.75974
RF89-29	AQA-18248	94	95	0.02	0.5	0.0603	0.0379	1.3247
RF89-29	AQA-18249	95	97	0.028	0.2	0.0571	0.0275	2.0173
RF89-29	AQA-18250	97	99	0.102	0.2	0.0336	0.0196	1.5456
RF89-29	AQA-18251	99	101	0.118	0.1	0.0356	0.0195	1.52
RF89-29	AQA-18252	101	103	0.159	0.2	0.039	0.0234	1.4401
RF89-29	AQA-18253	103	104	0.069	0.9	0.1373	0.0243	3.1794
RF89-29	AQA-18254	104	106	0.127	0.1	0.0451	0.0217	1.2699
RF89-29	AQA-18255	106	107	0.04	0.1	0.0654	0.0234	1.8034
RF89-29	AQA-18256	107	109	0.028	0.05	0.055	0.0217	1.4122
RF89-29	AQA-18257	109	111	0.052	0.2	0.054	0.0272	1.9147
RF89-29	AQA-18258	111	113	0.109	0.3	0.0479	0.0213	1.9442
RF89-29	AQA-18259	113	115	0.089	0.2	0.0507	0.0182	2.106
RF89-29	AQA-18260	115	117	0.022	0.05	0.0224	0.0237	0.91003
RF89-29	AQA-18261	117	119	0.008	0.05	0.0134	0.0461	0.64069
RF89-29	AQA-18262	119	121	0.007	0.05	0.0104	0.0301	0.53683
RF89-29	AQA-18263	121	123	0	0.05	0.0049	0.0308	0.29726
RF89-29	AQA-18264	123	125	0	0.05	0.005	0.0257	0.32515
RF89-29	AQA-18265	125	127	0	0.05	0.0059	0.0218	0.28933
RF89-29	AQA-18266	127	129	0.011	0.05	0.0098	0.0201	0.50045
RF89-29	AQA-18269	129	131	0.008	0.05	0.0149	0.0242	0.6715
RF89-29	AQA-18270	131	133	0.005	0.1	0.009	0.0377	0.48369

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-29	AQA-18271	133	135	0.01	0.05	0.0109	0.0274	0.48335
RF89-29	AQA-18272	135	137	0.059	0.05	0.0231	0.0268	1.0963
RF89-29	AQA-18273	137	139	0.107	0.05	0.0331	0.0225	1.3304
RF89-29	AQA-18274	139	141	0.024	0.3	0.0114	0.0314	0.54881
RF89-29	AQA-18275	141	143	0.073	0.1	0.0221	0.0283	0.91607
RF89-29	AQA-18276	143	144.35	0.019	0.2	0.0093	0.0426	0.3558
RF89-29	AQA-18277	144.35	146	0.1	0.2	0.0554	0.0275	2.0048
RF89-29	AQA-18278	146	147	0.365	0.05	0.0415	0.0289	1.4004
RF89-29	AQA-18279	147	148	0.203	0.9	0.149	0.0524	3.5717
RF89-29	AQA-18280	148	149	0.103	0.5	0.0723	0.0244	2.3591
RF89-29	AQA-18281	149	150	0.089	0.5	0.0518	0.0273	1.8927
RF89-29	AQA-18282	150	151	0.158	0.9	0.104	0.0488	2.4504
RF89-29	AQA-18283	151	153	0.196	0.3	0.0505	0.0331	0.96063
RF89-29	AQA-18284	153	154	0.074	0.5	0.0527	0.048	0.70161
RF89-29	AQA-18285	154	155	29.698	3.3	0.0936	0.939	1.5443
RF89-29	AQA-18286	155	156	0.285	1.1	0.1379	0.109	2.1513
RF89-29	AQA-18287	156	157	0.518	0.6	0.093	0.0484	2.5811
RF89-29	AQA-18290	157	158	0.563	0.9	0.113	0.0327	2.5241
RF89-29	AQA-18291	158	159	0.625	0.5	0.0467	0.0398	1.1968
RF89-29	AQA-18292	159	160	0.291	0.6	0.0784	0.0374	1.8263
RF89-29	AQA-18293	160	161	0.229	0.9	0.1389	0.0304	2.4571
RF89-29	AQA-18294	161	162	0.363	0.9	0.0977	0.0394	2.9229
RF89-29	AQA-18295	162	163	0.199	0.1	0.0391	0.0256	1.0085
RF89-29	AQA-18296	163	164.34	0.083	0.05	0.0421	0.0308	1.3436
RF89-29	AQA-18297	164.34	166	0.05	0.3	0.0618	0.0478	1.4508
RF89-29	AQA-18298	166	167	0.099	0.3	0.0907	0.0496	1.9472
RF89-29	AQA-18299	167	168	0.099	0.9	0.1097	0.0471	2.8886
RF89-29	AQA-18300	168	170	0.095	0.7	0.1378	0.0513	3.2822
RF89-29	AQA-18301	170	172	0.069	0.4	0.0925	0.0283	2.4787
RF89-29	AQA-18302	172	174	0.092	0.4	0.1019	0.0334	2.6097
RF89-29	AQA-18303	174	176	0.061	0.3	0.0679	0.0489	1.6384
RF89-29	AQA-18304	176	178	0.034	0.2	0.055	0.0699	1.0571
RF89-29	AQA-18305	178	179.5	0.132	0.4	0.0609	0.0827	1.418
RF89-29	AQA-18306	179.5	180.5	0.139	1	0.1472	0.119	3.0765
RF89-29	AQA-18307	180.5	181.9	0.125	0.6	0.1029	0.194	1.6653
RF89-29	AQA-18310	181.9	184	0.046	0.05	0.0204	0.171	0.25491
RF89-29	AQA-18311	184	186	0.02	0.2	0.0216	0.113	0.23588
RF89-29	AQA-18312	186	188	0.019	0.2	0.0217	0.183	0.094871
RF89-29	AQA-18313	188	190	0.039	0.1	0.0233	0.0827	0.10886
RF86-01	AQA-18779	12.8	14	0.017	0.2	0.0367	0.0542	0.68615
RF86-01	AQA-18780	14	16	0	0.3	0.0216	0.474	0.27549
RF86-01	AQA-18781	16	18	0.009	0.1	0.0372	0.0967	1.1338
RF86-01	AQA-18782	18	20	0.007	0.1	0.031	0.0811	1.0955
RF86-01	AQA-18783	20	22	0	0.05	0.0234	0.0836	0.87711
RF86-01	AQA-18784	22	24	0.018	0.05	0.0219	0.104	0.76499
RF86-01	AQA-18785	24	26	0.04	0.1	0.0216	0.0858	0.81942

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF86-01	AQA-18786	26	28	0.272	0.05	0.0235	0.0899	0.88247
RF86-01	AQA-18787	28	30	0.011	0.05	0.0277	0.12	1.0158
RF86-01	AQA-18788	30	32	0.007	0.05	0.0219	0.0999	0.87815
RF86-01	AQA-18789	32	34	0.007	0.1	0.0267	0.0832	0.94222
RF86-01	AQA-18790	34	36	0.008	0.05	0.0221	0.0714	0.79172
RF86-01	AQA-18791	36	38	0	0.05	0.022	0.0963	0.64355
RF86-01	AQA-18792	38	40	0	0.05	0.028	0.108	0.88458
RF86-01	AQA-18793	40	42	0	0.05	0.0146	0.0791	0.51396
RF86-01	AQA-18794	42	43	0.01	0.05	0.0292	0.0959	0.82605
RF86-01	AQA-18795	43	44.43	0.005	0.5	0.0221	0.0675	0.62142
RF86-01	AQA-18796	44.43	46	0.033	0.3	0.0827	0.0661	1.6866
RF86-01	AQA-18797	46	47	0.031	0.4	0.0492	0.0407	1.4036
RF86-01	AQA-18800	47	48	0.03	0.2	0.0434	0.0301	0.97005
RF86-01	AQA-18801	48	50	0	0.05	0.0277	0.0325	1.1134
RF86-01	AQA-18802	50	51	0.011	0.2	0.0424	0.0255	1.3761
RF86-01	AQA-18803	51	52	0.096	0.4	0.0618	0.0196	2.0197
RF86-01	AQA-18804	52	54	0.014	0.2	0.0502	0.0209	1.3913
RF86-01	AQA-18805	54	56	0.036	0.2	0.0429	0.0185	1.0347
RF86-01	AQA-18806	56	57	0.043	0.6	0.0858	0.0224	1.8692
RF86-01	AQA-18807	57	58	0.078	1	0.1504	0.0426	4.0777
RF86-01	AQA-18808	58	60	0.055	0.5	0.0779	0.0363	2.0619
RF86-01	AQA-18809	60	62	0.02	0.3	0.0474	0.0394	1.5442
RF86-01	AQA-18810	62	64	0.009	0.2	0.0351	0.11	1.1405
RF86-01	AQA-18811	64	66	0.006	0.3	0.0375	0.0774	0.93558
RF86-01	AQA-18812	66	68	0	0.05	0.017	0.0659	0.50577
RF86-01	AQA-18813	68	70	0	0.05	0.0267	0.0442	0.74933
RF86-01	AQA-18814	70	72	0.011	0.3	0.0503	0.0294	1.5061
RF86-01	AQA-18815	72	74	0.016	0.2	0.0388	0.0188	1.1177
RF86-01	AQA-18816	74	75	0.011	0.05	0.0269	0.0751	0.72532
RF86-01	AQA-18817	75	76.15	0.012	0.2	0.0516	0.0351	1.6485
RF86-01	AQA-18818	76.15	78	0.008	0.05	0.0097	0.0288	0.11317
RF86-01	AQA-18821	78	80	0	0.05	0.0099	0.0318	0.14862
RF86-01	AQA-18822	80	82	0.008	0.05	0.0237	0.0249	0.18056
RF86-01	AQA-18823	82	84	0	0.05	0.0045	0.0281	0.076715
RF86-03	AQA-18720	9.2	10.36	0	0.05	0.0021	0.0326	0.24626
RF86-03	AQA-18721	10.36	12	0.011	0.05	0.0058	0.031	0.64173
RF86-03	AQA-18722	12	14	0.01	0.2	0.0105	0.0509	0.5338
RF86-03	AQA-18723	14	16	0.008	0.2	0.0123	0.034	0.58982
RF86-03	AQA-18724	16	18	0.018	0.2	0.018	0.0306	0.67348
RF86-03	AQA-18725	18	20	0	0.3	0.0246	0.0469	0.91939
RF86-03	AQA-18726	20	22	0.018	0.3	0.025	0.0611	0.76554
RF86-03	AQA-18727	22	24	0.027	0.7	0.0544	0.134	2.4749
RF86-03	AQA-18728	24	26	0.029	0.2	0.0201	0.0763	0.66447
RF86-03	AQA-18729	26	28	0.066	0.3	0.018	0.0579	0.9203
RF86-03	AQA-18730	28	30	0.009	0.2	0.0224	0.0922	1.2361
RF86-03	AQA-18731	30	32	0.021	0.6	0.0478	0.0865	0.93117

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RF86-03	AQA-18732	32	34	0.008	0.4	0.0267	0.0843	0.81808
RF86-03	AQA-18733	34	36	0.01	0.3	0.0222	0.0884	0.83736
RF86-03	AQA-18734	36	38	0.012	0.5	0.0195	0.098	0.7791
RF86-03	AQA-18735	38	40	0.013	0.3	0.0196	0.0595	0.71858
RF86-03	AQA-18736	40	42	0.041	0.4	0.0149	0.0914	0.69391
RF86-03	AQA-18737	42	44.35	0.014	0.3	0.0181	0.0684	0.65053
RF86-03	AQA-18738	44.35	46	0.031	0.4	0.04	0.0329	1.4647
RF86-03	AQA-18741	46	48	0.069	0.7	0.0935	0.0257	2.4143
RF86-03	AQA-18742	48	50	0.05	0.3	0.0457	0.0604	1.6338
RF86-03	AQA-18743	50	52	0.055	0.3	0.0455	0.0314	1.7236
RF86-03	AQA-18744	52	53.5	0.026	0.3	0.0231	0.0349	1.0629
RF86-03	AQA-18745	53.5	54.7	0.042	0.2	0.0277	0.0348	1.2234
RF86-03	AQA-18746	54.7	55.9	0.053	0.2	0.0268	0.0432	1.3613
RF86-03	AQA-18747	55.9	57	0.088	0.3	0.0324	0.0301	1.2014
RF86-03	AQA-18748	57	59	0.062	0.3	0.0379	0.0233	1.4194
RF86-03	AQA-18749	59	60.3	0.066	0.4	0.0507	0.0448	1.599
RF86-03	AQA-18750	60.3	61.3	0.356	0.5	0.05	0.0367	3.0845
RF86-03	AQA-18751	61.3	63	0.039	0.1	0.0279	0.0302	1.2248
RF86-03	AQA-18752	63	64.5	0.03	0.1	0.0422	0.0274	1.6696
RF86-03	AQA-18753	64.5	66	0.031	0.2	0.0358	0.0246	1.5419
RF86-03	AQA-18754	66	68	0.013	0.2	0.0177	0.0218	1.014
RF86-03	AQA-18755	68	70	0.012	0.1	0.0209	0.0295	0.99448
RF86-03	AQA-18756	70	72	0.029	0.2	0.0319	0.0248	1.3967
RF86-03	AQA-18757	72	74	0.021	0.2	0.0267	0.0296	1.164
RF86-03	AQA-18758	74	75	0.148	0.5	0.0928	0.0493	3.5594
RF86-03	AQA-18759	75	76	0.043	0.5	0.0682	0.0364	2.0844
RF86-03	AQA-18762	76	77	0.178	0.7	0.051	0.0365	2.5331
RF86-03	AQA-18763	77	78	0.106	0.5	0.0939	0.0335	2.2869
RF86-03	AQA-18764	78	79	0.044	0.5	0.0702	0.0403	1.7393
RF86-03	AQA-18765	79	80.5	0.089	0.8	0.1243	0.0726	2.64
RF86-03	AQA-18766	80.5	82	0.057	0.7	0.0734	0.0342	2.324
RF86-03	AQA-18767	82	83	0.072	0.7	0.0805	0.0375	2.6857
RF86-03	AQA-18768	83	85	0.048	0.5	0.0547	0.0312	2.1354
RF86-03	AQA-18769	85	86	0.124	0.6	0.0662	0.0513	2.6742
RF86-03	AQA-18770	86	88	0.073	0.5	0.0551	0.0311	2.3304
RF86-03	AQA-18771	88	90	0.07	0.4	0.0351	0.0475	1.7051
RF86-03	AQA-18772	90	91	0.129	0.6	0.0537	0.0551	3.6594
RF86-03	AQA-18773	91	92	0.306	0.2	0.0069	0.0458	0.29712
RF86-03	AQA-18774	92	93.5	5.139	1.4	0.1593	0.037	2.9954
RF86-03	AQA-18775	93.5	94.5	1.387	2.2	0.1887	0.0417	0.73316
RF86-03	AQA-18776	94.5	96	0.02	0.05	0.0038	0.0503	0.16802
RF86-03	AQA-18777	96	98	0	0.2	0.0163	0.294	0.21576
RF86-03	AQA-18778	98	100	0.044	0.2	0.0139	0.106	0.09914
RF89-37	AQA-18582	3.35	5	0	0.05	0.0038	0.296	0.0016375
RF89-37	AQA-18583	5	7.01	0.006	0.05	0.0063	0.245	0.0037968
RF89-37	AQA-18584	7.01	8.53	0.039	0.05	0.006	0.252	0.001312

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-37	AQA-18585	8.53	10.06	0	0.05	0.0028	0.252	0.0024791
RF89-37	AQA-18586	10.06	11.58	0	0.05	0.0017	0.241	0.0009393
RF89-37	AQA-18587	11.58	13.11	0	0.05	0.0014	0.418	0.0011923
RF89-37	AQA-18588	13.11	14.63	0	0.2	0.0029	0.322	0.0011018
RF89-37	AQA-18589	14.63	16.15	0	0.2	0.0169	0.251	0.028368
RF89-37	AQA-18590	16.15	17.34	0.07	2.4	0.5324	1.03	0.28187
RF89-37	AQA-18591	17.34	18.59	0.006	0.05	0.0106	0.0898	0.21742
RF89-37	AQA-18592	18.59	19.72	0.01	0.1	0.0077	0.0428	0.16596
RF89-37	AQA-18593	19.72	21.34	0	0.2	0.0085	0.0378	0.20533
RF89-37	AQA-18594	21.34	22.86	0.007	0.05	0.0248	0.0396	0.39653
RF89-37	AQA-18595	22.86	24.38	0.026	0.05	0.0146	0.0256	0.36745
RF89-37	AQA-18596	24.38	25.91	0.009	0.2	0.0309	0.0316	0.52521
RF89-37	AQA-18597	25.91	27.43	0	0.05	0.0186	0.0376	0.54085
RF89-37	AQA-18598	27.43	28.96	0	0.2	0.0147	0.0321	0.44911
RF89-37	AQA-18599	28.96	30.48	0	0.2	0.018	0.0615	0.56064
RF89-37	AQA-18600	30.48	31.46	0.02	0.5	0.0493	0.0755	1.7313
RF89-37	AQA-18603	31.46	32.92	0.008	0.2	0.03	0.141	0.59172
RF89-37	AQA-18604	32.92	34.44	0	0.3	0.0297	0.0541	0.84223
RF89-37	AQA-18605	34.44	35.97	0.013	0.05	0.0079	0.0438	0.26622
RF89-37	AQA-18606	35.97	37.49	0	0.05	0.0078	0.0329	0.26922
RF89-37	AQA-18607	37.49	39.01	0	0.1	0.023	0.0263	0.53983
RF89-37	AQA-18608	39.01	40.54	0	0.1	0.0085	0.0229	0.36377
RF89-37	AQA-18609	40.54	42.06	0.007	0.3	0.0116	0.0602	0.40117
RF89-37	AQA-18610	42.06	43.59	0.008	0.2	0.0109	0.0455	0.30796
RF89-37	AQA-18611	43.59	45.11	0.011	0.2	0.0197	0.0508	0.63705
RF89-37	AQA-18612	45.11	46.63	0.012	0.3	0.0317	0.04	0.78437
RF89-37	AQA-18613	46.63	48.16	0.02	0.2	0.0122	0.0489	0.36287
RF89-37	AQA-18614	48.16	49.68	0	0.1	0.0072	0.0258	0.20007
RF89-37	AQA-18615	49.68	51.21	0.011	0.2	0.0266	0.0317	1.0649
RF89-37	AQA-18616	51.21	52.73	0	0.2	0.0159	0.0354	0.70834
RF89-37	AQA-18617	52.73	54.25	0.018	0.3	0.031	0.0188	0.80846
RF89-37	AQA-18618	54.25	55.47	0.011	0.3	0.0264	0.0382	0.71646
RF89-37	AQA-18619	55.47	57	0.012	0.1	0.0283	0.0387	0.79399
RF89-37	AQA-18620	57	58.52	0.117	0.3	0.0399	0.039	1.0257
RF89-37	AQA-18621	58.52	60.05	0.013	0.3	0.0373	0.0654	1.1484
RF89-37	AQA-18624	60.05	61.57	0	0.3	0.0178	0.063	0.52896
RF89-37	AQA-18625	61.57	62.64	0	0.05	0.0176	0.0501	0.59946
RF89-37	AQA-18626	62.64	63.7	0.037	0.5	0.078	0.0569	0.99261
RF89-37	AQA-18627	63.7	65.23	0.008	0.3	0.0309	0.0681	0.65818
RF89-37	AQA-18628	65.23	66.75	0.006	0.3	0.0254	0.0655	0.65016
RF89-37	AQA-18629	66.75	68.28	0	0.2	0.0136	0.0437	0.39173
RF89-37	AQA-18630	68.28	69.49	0.008	0.2	0.0286	0.0395	0.73278
RF89-37	AQA-18631	69.49	70.71	0	0.3	0.0088	0.0283	0.46283
RF89-37	AQA-18632	70.71	72.39	0.066	0.3	0.0258	0.0399	0.55464
RF89-37	AQA-18633	72.39	74.07	0.017	0.2	0.0284	0.0327	0.52005
RF89-37	AQA-18634	74.07	75.29	0	0.3	0.0153	0.0209	0.56283

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-37	AQA-18635	75.29	77.11	0	0.1	0.0171	0.0376	0.67993
RF89-37	AQA-18636	77.11	78	0.01	0.3	0.0311	0.0222	1.3865
RF89-37	AQA-18637	78	79	0.017	0.6	0.062	0.0264	1.8936
RF89-37	AQA-18638	79	80	0.026	1	0.1176	0.0497	2.699
RF89-37	AQA-18639	80	81	0.042	1.5	0.2084	0.0281	3.7525
RF89-37	AQA-18640	81	82	0.037	0.6	0.118	0.0224	2.1389
RF89-37	AQA-18641	82	83	0.04	0.7	0.0807	0.0225	1.4623
RF89-37	AQA-18642	83	84	0.021	0.3	0.0688	0.0246	1.2793
RF89-37	AQA-18643	84	85	0.046	0.6	0.1006	0.0264	1.609
RF89-37	AQA-18646	85	86	0.057	0.6	0.0914	0.0264	1.7534
RF89-37	AQA-18647	86	87	0.132	0.6	0.0769	0.0319	1.4167
RF89-37	AQA-18648	87	88	0.226	0.4	0.0923	0.0246	1.7194
RF89-37	AQA-18649	88	89	0.056	0.7	0.0978	0.0184	2.9155
RF89-37	AQA-18650	89	90	0.07	0.9	0.1608	0.0258	2.9512
RF89-37	AQA-18651	90	91	0.027	0.4	0.0567	0.045	1.3492
RF89-37	AQA-18652	91	92	0.032	0.3	0.048	0.0299	1.127
RF89-37	AQA-18653	92	93	0.015	0.1	0.0338	0.0341	0.66987
RF89-37	AQA-18654	93	94	0.031	0.4	0.0594	0.0237	1.0071
RF89-37	AQA-18655	94	95.4	0.046	0.3	0.0391	0.0337	0.889
RF89-37	AQA-18656	95.4	96.77	0.1	0.3	0.0394	0.0323	0.93694
RF89-37	AQA-18657	96.77	97.96	0.076	0.3	0.0339	0.0267	0.77071
RF89-37	AQA-18658	97.96	99.06	0.199	0.4	0.0528	0.0272	1.2358
RF89-37	AQA-18659	99.06	100.89	0.097	0.8	0.1244	0.0342	2.7283
RF89-37	AQA-18660	100.89	102.41	0.051	0.8	0.1134	0.0248	2.4646
RF89-37	AQA-18661	102.41	103.94	0.056	0.7	0.123	0.0335	2.2771
RF89-37	AQA-18662	103.94	105.7	0.046	0.8	0.1522	0.0355	2.7177
RF89-37	AQA-18663	105.7	107.29	0.026	0.5	0.1274	0.0391	1.9314
RF89-37	AQA-18664	107.29	109	0.014	0.5	0.1304	0.0321	2.2501
RF89-37	AQA-18667	109	109.96	0.018	0.7	0.1435	0.0283	2.0658
RF89-37	AQA-18668	109.96	111	0.036	0.8	0.157	0.035	3.3787
RF89-37	AQA-18669	111	112	0.021	0.8	0.1447	0.0314	3.0218
RF89-37	AQA-18670	112	113	0.056	0.6	0.138	0.0545	2.8431
RF89-37	AQA-18671	113	115	0.026	0.8	0.1767	0.0355	3.26
RF89-37	AQA-18672	115	116	0.041	0.9	0.2414	0.0527	5.1862
RF89-37	AQA-18673	116	117	0.08	1.3	0.3251	0.0345	5.3679
RF89-37	AQA-18674	117	118	0.039	0.6	0.2371	0.0541	5.1617
RF89-37	AQA-18675	118	119	0.04	0.9	0.1874	0.0358	3.9497
RF89-37	AQA-18676	119	120	0.049	0.6	0.1859	0.0433	3.6272
RF89-37	AQA-18677	120	121.25	0.067	1.1	0.2287	0.0388	4.3431
RF89-37	AQA-18678	121.25	122.25	0.04	0.7	0.1406	0.0416	3.1551
RF89-37	AQA-18679	122.25	123.5	0.076	1	0.2652	0.0379	4.3309
RF89-37	AQA-18680	123.5	125	0.017	0.1	0.0333	0.0267	1.0579
RF89-37	AQA-18681	125	127	0.016	0.4	0.0436	0.022	1.0187
RF89-37	AQA-18682	127	128	0.037	0.5	0.0856	0.0245	2.0095
RF89-37	AQA-18683	128	129.5	0.034	0.4	0.0802	0.0253	1.9233
RF89-37	AQA-18684	129.5	130.5	0.051	0.8	0.1645	0.0497	3.1628

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-37	AQA-18685	130.5	131.5	0.07	1.2	0.285	0.0451	4.4604
RF89-37	AQA-18688	131.5	133	0.034	0.5	0.0986	0.0368	2.4969
RF89-37	AQA-18689	133	134	0.035	0.6	0.1247	0.0228	2.9675
RF89-37	AQA-18690	134	136	0.035	0.7	0.1214	0.0278	2.5448
RF89-37	AQA-18691	136	138	0.022	0.5	0.0664	0.0311	1.5498
RF89-37	AQA-18692	138	140	0.095	1.2	0.1438	0.0276	2.4129
RF89-37	AQA-18693	140	141	0.277	2.5	0.252	0.0403	4.5782
RF89-37	AQA-18694	141	142	0.121	1.2	0.1529	0.0326	2.4397
RF89-37	AQA-18695	142	143	0.523	1.9	0.1603	0.0381	2.813
RF89-37	AQA-18696	143	145	0.264	1.4	0.1706	0.0232	2.3835
RF89-37	AQA-18697	145	147	0.095	1.9	0.1649	0.0261	1.8454
RF89-37	AQA-18698	147	149	0.037	1.2	0.0901	0.0314	1.4424
RF89-37	AQA-18699	149	151	0.042	1.4	0.1087	0.0492	1.5547
RF89-37	AQA-18700	151	153	0.047	0.9	0.0957	0.0354	1.5387
RF89-37	AQA-18701	153	155	0.057	1	0.0936	0.0577	1.4653
RF89-37	AQA-18702	155	157	0.067	1.9	0.1677	0.0331	2.0869
RF89-37	AQA-18703	157	159	0.036	1.5	0.131	0.0313	1.8432
RF89-37	AQA-18704	159	161	0.037	1.1	0.1067	0.026	1.5613
RF89-37	AQA-18705	161	163	0.042	1.4	0.1032	0.0314	1.4189
RF89-37	AQA-18706	163	164	0.053	1.8	0.1553	0.0461	1.7435
RF89-37	AQA-18709	164	165.3	0.117	3.5	0.2604	0.0509	2.6193
RF89-37	AQA-18710	165.3	166.5	0.142	2.7	0.2293	0.0884	3.9424
RF89-37	AQA-18711	166.5	168	0.062	2.2	0.1323	0.0683	0.80741
RF89-37	AQA-18712	168	170	0.144	2.5	0.1982	0.0567	1.6503
RF89-37	AQA-18713	170	171	0.077	0.9	0.0723	0.0612	0.73533
RF89-37	AQA-18714	171	172	0.098	2.8	0.3135	0.0987	3.2256
RF89-37	AQA-18715	172	172.9	0.046	1.1	0.1561	0.137	2.0974
RF89-37	AQA-18716	172.9	175	0.016	0.2	0.0165	0.0812	0.10437
RF89-37	AQA-18717	175	177	0.032	0.2	0.0065	0.0488	0.079341
RF89-37	AQA-18718	177	179	0.014	0.2	0.0191	0.0357	0.14317
RF89-37	AQA-18719	179	180.75	0.006	0.1	0.0185	0.0365	0.2181
RF89-32	AQA-18486	0	1	0	0.05	0.0015	0.991	0.0073364
RF89-32	AQA-18487	1	2.44	0	0.05	0.0018	0.181	0.0015093
RF89-32	AQA-18488	2.44	3.96	0	0.1	0.0021	0.142	0.000611
RF89-32	AQA-18489	3.96	5.49	0	0.05	0.0067	0.171	0.0011703
RF89-32	AQA-18490	5.49	7.32	0	0.2	0.0092	0.176	0.0035359
RF89-32	AQA-18491	7.32	8.54	0.006	0.1	0.0058	0.221	0.0030781
RF89-32	AQA-18492	8.54	10.36	0.023	0.3	0.0101	0.253	0.012458
RF89-32	AQA-18493	10.36	11.5	0.073	0.7	0.1126	0.446	0.07669
RF89-32	AQA-18494	11.5	13	0.016	0.4	0.0625	0.0959	0.88068
RF89-32	AQA-18495	13	15	0.12	0.2	0.024	0.0567	0.68675
RF89-32	AQA-18496	15	17	0.041	0.1	0.0125	0.0339	0.44784
RF89-32	AQA-18497	17	19	0.013	5	0.0105	0.104	0.23702
RF89-32	AQA-18498	19	20	0.03	0.4	0.029	0.0322	0.98096
RF89-32	AQA-18499	20	21.34	0.017	0.3	0.0366	0.0471	1.0707
RF89-32	801416	21.34	22.81	0.021	0.2	0.0251	0.0623	0.91244

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-32	801417	22.81	23.96	0.086	0.3	0.0484	0.0526	2.149
RF89-32	801418	23.96	25.3	0.059	0.2	0.0392	0.0515	1.3729
RF89-32	AQA-18500	25.3	27	0.033	0.05	0.0132	0.0263	0.50248
RF89-32	AQA-18501	27	29	0.031	0.05	0.0243	0.0265	0.94082
RF89-32	AQA-18504	29	31	0.064	0.05	0.0224	0.0301	1.0401
RF89-32	AQA-18505	31	33	0.039	0.3	0.0395	0.0342	1.4174
RF89-32	AQA-18506	33	35	0.022	0.05	0.0125	0.0441	0.58685
RF89-32	AQA-18507	35	37	0.015	0.05	0.0079	0.0285	0.42684
RF89-32	AQA-18508	37	39	0.026	0.05	0.0072	0.0332	0.45061
RF89-32	AQA-18509	39	41	0.034	0.05	0.0108	0.0376	0.54137
RF89-32	AQA-18510	41	42	0.52	0.2	0.0175	0.0329	0.94544
RF89-32	AQA-18511	42	44	0.06	0.05	0.0134	0.0342	0.63528
RF89-32	AQA-18512	44	46	0.009	0.05	0.0103	0.0304	0.5989
RF89-32	AQA-18513	46	47	0.008	0.05	0.0061	0.0359	0.35357
RF89-32	AQA-18514	47	48	0.04	0.05	0.0229	0.0335	0.97901
RF89-32	AQA-18515	48	49	0.013	0.05	0.0163	0.029	0.78888
RF89-32	AQA-18516	49	51	0.013	0.05	0.0171	0.0273	0.6858
RF89-32	AQA-18517	51	52	0.045	0.05	0.0349	0.0288	1.4557
RF89-32	AQA-18518	52	53	0.056	0.2	0.0548	0.0574	2.9834
RF89-32	AQA-18519	53	55	0.012	0.05	0.0162	0.0287	0.60501
RF89-32	AQA-18520	55	56	0.025	0.05	0.0167	0.0205	0.66347
RF89-32	AQA-18521	56	57	0.022	0.1	0.0569	0.0432	1.6914
RF89-32	AQA-18522	57	58.2	0.011	0.05	0.017	0.0328	0.56387
RF89-32	AQA-18525	58.2	60	0.013	0.05	0.016	0.0245	0.61089
RF89-32	AQA-18526	60	62	0.056	0.4	0.1295	0.0334	2.8742
RF89-32	AQA-18527	62	63	0.016	0.05	0.0655	0.0225	1.6518
RF89-32	AQA-18528	63	64	0.022	0.2	0.0766	0.0196	1.5053
RF89-32	AQA-18529	64	65	0.021	0.05	0.0617	0.0221	1.3009
RF89-32	AQA-18530	65	66	0.024	0.05	0.0466	0.0258	1.1847
RF89-32	AQA-18531	66	67	0.026	0.05	0.0424	0.0232	1.1712
RF89-32	AQA-18532	67	68	0.038	0.5	0.1157	0.0165	3.2554
RF89-32	AQA-18533	68	69	0.07	0.5	0.1355	0.0215	3.6816
RF89-32	AQA-18534	69	70	0.084	0.7	0.132	0.0234	4.0236
RF89-32	AQA-18535	70	71	0.029	0.05	0.0438	0.0414	1.4389
RF89-32	AQA-18536	71	72.39	0.026	0.2	0.0406	0.0219	1.3958
RF89-32	10242	72.39	73.5	0.006	0.2	0.0274	0.0431	0.73042
RF89-32	10243	73.5	74.3	0.02	0.2	0.0391	0.0159	1.0702
RF89-32	10244	74.3	74.89	0.007	0.05	0.0183	0.0204	0.57104
RF89-32	10245	74.89	75.41	0.128	0.05	0.009	0.0149	0.442
RF89-32	10246	75.41	76.35	0.126	0.6	0.0857	0.0168	1.3726
RF89-32	10247	76.35	77.11	0.208	0.6	0.1204	0.0241	1.7278
RF89-32	10248	77.11	77.74	0.101	0.3	0.0718	0.0279	1.7245
RF89-32	10249	77.74	78.25	0.114	0.8	0.1356	0.0198	4.0035
RF89-32	10250	78.25	78.8	0.121	0.8	0.1343	0.00754	3.408
RF89-32	10251	78.8	79.27	0.183	1.2	0.1421	0.00946	3.0086
RF89-32	10252	79.27	79.66	0.082	0.2	0.0501	0.0111	2.0643

BHID	SAMPLE	FROM_M	TO_M	AU_PPM	AG_PPM	CU_PCT	C_PCT	S_PCT
RF89-32	10253	79.66	79.89	2.62	1.1	0.1884	0.0257	4.3264
RF89-32	10254	79.89	80.16	0.762	0.5	0.0977	0.07	2.7602
RF89-32	10255	80.16	80.89	1.683	0.9	0.1919	0.0427	3.482
RF89-32	10256	80.89	81.14	0.081	0.5	0.1235	0.0735	2.8057
RF89-32	10258	81.14	81.44	0.184	0.3	0.063	0.0783	1.645
RF89-32	10259	81.44	82.68	0.07	0.5	0.1002	0.093	2.3759
RF89-32	10260	82.68	82.95	0.078	0.4	0.0677	0.0394	1.6978
RF89-32	10261	82.95	83.77	0.051	0.2	0.0487	0.0183	1.3214
RF89-32	10262	83.77	84.66	0.09	0.3	0.0786	0.0241	1.9993
RF89-32	10263	84.66	85.48	0.288	0.5	0.0772	0.0104	2.6131
RF89-32	10264	85.48	86.5	0.139	0.05	0.0548	0.0529	1.8653
RF89-32	10265	86.5	87.26	0.069	0.3	0.0805	0.00908	2.4356
RF89-32	10266	87.26	87.93	0.077	0.2	0.0531	0.0102	2.0255
RF89-32	10267	87.93	88.68	0.14	0.3	0.0718	0.0165	2.2011
RF89-32	10268	88.68	89.93	0.242	0.1	0.0892	0.00851	2.2398
RF89-32	10269	89.93	90.4	0.173	0.5	0.1671	0.0136	3.367
RF89-32	10270	90.4	91.07	0.149	0.4	0.1271	0.0765	2.981
RF89-32	10272	91.07	91.51	0.122	0.4	0.1021	0.0193	2.5702
RF89-32	10273	91.51	92.35	0.066	0.1	0.0651	0.00296	1.4447
RF89-32	10274	92.35	92.9	0.111	0.1	0.1094	0.013	2.1749
RF89-32	10275	92.9	93.22	0.173	0.5	0.1468	0.0142	3.1988
RF89-32	10276	93.22	93.89	0.176	0.6	0.161	0.0135	3.2108
RF89-32	10277	93.89	94.66	0.219	0.6	0.1691	0.0188	2.9922
RF89-32	10278	94.66	95.4	0.219	1.1	0.2632	0.0084	4.3926
RF89-32	10279	95.4	96.5	0.215	0.6	0.165	0.0171	2.4274
RF89-32	10280	96.5	96.89	1.74	1.2	0.1999	0.0168	4.3548
RF89-32	10281	96.89	97.23	0.787	0.2	0.092	0.1	1.6266
RF89-32	10282	97.23	98.07	0.303	0.5	0.115	0.0162	2.1552
RF89-32	10283	98.07	99.12	0.024	0.05	0.0266	0.0261	0.73895
RF89-32	10284	99.12	99.49	0	0.05	0.0126	0.0337	0.43289
RF89-32	10285	99.49	100.19	0.008	0.9	0.022	0.0315	0.92721
RF89-32	10287	100.19	101.05	0.007	0.2	0.0328	0.0244	1.2292
RF89-32	10288	101.05	101.68	0.005	0.2	0.0346	0.0245	1.02
RF89-32	10289	101.68	102.53	0.014	0.5	0.0496	0.0115	1.5133
RF89-32	10290	102.53	103.45	0.022	0.4	0.0526	0.0155	1.5457
RF89-32	10291	103.45	104.24	0.043	0.5	0.0945	0.0246	2.5044
RF89-32	10292	104.24	104.97	0.056	0.7	0.1201	0.0299	1.5694
RF89-32	10293	104.97	105.16	0.04	0.8	0.1035	0.0291	2.8761
RF89-32	10294	105.16	106.3	0.011	0.3	0.0341	0.0425	0.8473
RF89-32	10295	106.3	107.17	0.094	1.4	0.1798	0.0209	3.1976
RF89-32	10296	107.17	107.91	0.099	0.7	0.0622	0.0388	0.62934
RF89-32	10297	107.91	108.64	0.024	0.6	0.0642	0.0257	1.2239
RF89-32	10298	108.64	109.3	0.072	1.1	0.1362	0.0114	2.5634
RF89-32	10299	109.3	110.09	0.054	0.6	0.0711	0.0327	1.3234
RF89-32	801419	110.09	111.21	0.111	0.5	0.0805	0.0512	1.3925
RF89-32	801420	111.21	111.56	0.956	1.2	0.1932	0.0691	1.5216

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RF89-32	801421	111.56	112.17	2.873	1.3	0.1917	0.0641	2.6076
RF89-32	801422	112.17	113.08	1.364	1.2	0.1573	0.0812	3.1911
RF89-32	801423	113.08	114.3	0.579	0.7	0.1	0.0513	1.5099
RF89-32	801424	114.3	115.52	0.044	0.3	0.0307	0.0582	0.72253
RF89-32	AQA-18537	115.52	117	0.033	0.05	0.0217	0.0344	0.61882
RF89-32	AQA-18538	117	119	0.021	0.05	0.0155	0.0232	0.41056
RF89-32	AQA-18539	119	121	0.027	0.05	0.0175	0.0256	0.46697
RF89-32	AQA-18540	121	123	0.011	0.05	0.0048	0.0245	0.16938
RF89-32	AQA-18541	123	125	0.04	0.05	0.0297	0.0208	0.63997
RF89-32	AQA-18542	125	126.5	0.056	0.3	0.0769	0.0271	1.4535
RF89-32	AQA-18543	126.5	127.7	0.041	0.3	0.0683	0.0169	1.3423
RF89-32	AQA-18546	127.7	128.7	0.083	0.4	0.1047	0.16	1.8352
RF89-32	AQA-18547	128.7	129.7	0.045	0.3	0.0708	0.0382	1.1636
RF89-32	AQA-18548	129.7	131	0.031	0.05	0.0575	0.0479	1.0174
RF89-32	AQA-18549	131	132	0.033	0.05	0.027	0.0305	0.73747
RF89-32	AQA-18550	132	133	0.027	0.2	0.0524	0.0338	1.2493
RF89-32	AQA-18551	133	135	0.02	0.05	0.0315	0.0586	0.7522
RF89-32	AQA-18552	135	136	0.017	0.05	0.034	0.0493	0.82771
RF89-32	AQA-18553	136	138.07	0.019	0.05	0.0342	0.0303	0.87176
RF89-32	AQA-18554	138.07	139	0.013	0.05	0.0278	0.0198	0.82041
RF89-32	AQA-18555	139	140	0.019	0.05	0.046	0.0288	1.0833
RF89-32	AQA-18556	140	142	0.028	0.05	0.0568	0.0278	1.2112
RF89-32	AQA-18557	142	144	0.024	0.05	0.0447	0.0294	1.6862
RF89-32	AQA-18558	144	146	0.015	0.05	0.056	0.0295	1.7794
RF89-32	AQA-18559	146	148	0.011	0.05	0.0279	0.0247	1.0066
RF89-32	AQA-18560	148	150	0.021	0.05	0.0615	0.0368	1.8035
RF89-32	AQA-18561	150	152	0.013	0.05	0.0313	0.0275	0.97652
RF89-32	AQA-18562	152	154	0.02	0.05	0.0569	0.0269	1.8401
RF89-32	AQA-18563	154	156	0.021	0.05	0.0461	0.0295	1.7482
RF89-32	AQA-18564	156	158	0.018	0.05	0.0483	0.0269	1.7618
RF89-32	AQA-18567	158	160	0.048	0.1	0.0758	0.0284	2.198
RF89-32	AQA-18568	160	162	0.023	0.3	0.0391	0.0334	1.2681
RF89-32	AQA-18569	162	164	0.015	0.1	0.0313	0.0246	1.0194
RF89-32	AQA-18570	164	166	0.056	0.2	0.0268	0.0245	0.70098
RF89-32	AQA-18571	166	168	0.019	0.3	0.0531	0.0285	1.3912
RF89-32	AQA-18572	168	170	0.019	0.3	0.059	0.0265	1.7784
RF89-32	AQA-18573	170	172	0.043	0.5	0.0966	0.0259	2.5277
RF89-32	AQA-18574	172	174	0.032	0.4	0.0888	0.0245	2.0736
RF89-32	AQA-18575	174	176	0.017	0.2	0.0574	0.0228	1.5903
RF89-32	AQA-18576	176	178	0.008	0.05	0.0221	0.0371	0.49167
RF89-32	AQA-18577	178	180	0.013	0.2	0.0366	0.0229	1.4296
RF89-32	AQA-18578	180	181	0.01	0.05	0.0302	0.0517	1.3889
RF89-32	AQA-18579	181	182	0.021	0.5	0.075	0.0339	2.3864
RF89-32	AQA-18580	182	183	0.018	0.4	0.0549	0.0209	2.2743
RF89-32	AQA-18581	183	183.79	0.021	0.5	0.0685	0.0234	2.577
RF89-32	801425	183.79	185.32	0.026	0.7	0.0869	0.0739	2.6281

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RF89-32	801426	185.32	186.84	0.022	0.7	0.1087	0.0563	3.5784
RF89-32	801427	186.84	188.37	0.019	0.5	0.0847	0.0462	2.9801
RF89-32	801428	188.37	189.48	0.012	0.3	0.0488	0.0412	1.5852
RF89-32	10610	189.48	190.35	0	0.4	0.0564	0.0157	1.6678
RF89-32	10611	190.35	191.08	0	0.4	0.0371	0.0334	1.0407
RF89-32	10612	191.08	192.08	0	0.4	0.0345	0.0263	1.4158
RF89-32	10613	192.08	192.94	0	0.5	0.0325	0.0278	1.3008
RF89-32	10614	192.94	193.84	0	0.6	0.0256	0.0424	1.3004
RF89-32	10615	193.84	194.71	0	0.4	0.0261	0.0408	1.1994
RF89-32	10616	194.71	195.12	0	0.4	0.043	0.0386	1.4873
RF89-32	10617	195.12	195.99	0.046	0.4	0.0328	0.0534	0.83385
RF89-32	10618	195.99	196.6	0	0.4	0.04	0.107	0.81008
RF89-32	10619	196.6	197.65	0.009	0.3	0.0308	0.0312	0.83051
RF89-32	10620	197.65	198.47	0.025	1	0.1943	0.0318	3.2216
RF89-32	10621	198.47	199.64	0.016	0.6	0.0952	0.056	1.7023
RF89-32	10622	199.64	200.28	0.02	0.9	0.1439	0.0102	2.959
RF89-32	10623	200.28	201.08	0.021	0.6	0.1499	0.0504	2.8692
RF89-32	10625	201.08	201.87	0.017	0.7	0.1396	0.105	2.2486
RF89-32	10626	201.87	202.78	0.023	1.1	0.1749	0.106	3.0792
RF89-32	10627	202.78	203.06	0.017	0.9	0.1704	0.107	2.6688
RF89-32	10628	203.06	203.96	0.026	0.9	0.1473	0.173	2.3128
RF89-32	10629	203.96	204.72	0.025	0.5	0.0747	0.0459	1.3281
RF89-32	10630	204.72	205.53	0	0.2	0.0415	0.154	0.53924
RF89-32	10631	205.53	206.23	0.025	0.8	0.1029	0.0544	1.4648
RF89-32	10632	206.23	206.96	0.025	1.2	0.146	0.117	2.3365
RF89-32	10633	206.96	208.18	0.036	0.9	0.1523	0.0692	2.3919
RF89-32	10634	208.18	209.47	0.065	1.5	0.2113	0.0233	3.1804
RF89-32	10635	209.47	210.66	0.017	0.9	0.1679	0.0154	2.432
RF89-32	10636	210.66	211.81	0.035	0.9	0.1945	0.0114	3.2117
RF89-32	10637	211.81	213.01	0.021	0.8	0.1678	0.00464	2.5499
RF89-32	10639	213.01	214.03	0.027	0.9	0.1303	0.00172	2.7565
RF89-32	10640	214.03	215.19	0.021	0.9	0.0918	0.0407	1.0179
RF89-32	10641	215.19	216.35	0	0.1	0.0206	0.0359	0.13492
RF89-32	10642	216.35	217.17	0	0.05	0.0056	0.0804	0.019965
RF89-32	10643	217.17	218.02	0	0.2	0.0119	0.531	0.052103
RF89-32	10644	218.02	218.6	0.035	0.1	0.0088	0.19	0.031108
RF89-32	10645	218.6	219.76	0.013	0.3	0.0185	0.143	0.12296
RF89-32	10646	219.76	221.03	0	0.05	0.0039	0.132	0.02689
RF89-32	10647	221.03	222.41	0	0.2	0.0051	0.0688	0.048792
RF89-32	10648	222.41	223.42	0	0.05	0.0082	0.0941	0.028735
RF89-32	10649	223.42	224.64	0.007	0.2	0.0051	0.144	0.037586
RF89-32	10650	224.64	225.86	0.027	0.3	0.0077	0.146	0.035951
RF89-32	10651	225.86	227.08	0	0.1	0.0014	0.125	0.014028
RF89-32	10653	227.08	228.23	0.057	0.05	0.0016	0.12	0.015427
RF89-32	10654	228.23	229.51	0	0.2	0.0099	0.108	0.12417

Appendix D

Whole Rock Data

APPENDIX D - Whole Rock Data

BHID	SAMPLE	FROM (m)	TO (m)	ROCK	ROCK TYPE	DESCRIPTION
R11-16	21604	25.50	26.50	WR Granite	Felsic	coarse grain biotite/ferromag porphyritic granite. Homogenously textured, massive. Localized weathered, silicified, regions. Tr-minor disseminated py,cpy
R12-25	21615	32.40	33.70	metavolcanics	Mafic	strongly-intensely sheared. small albite-altered, intermediate clasts? set in f.g. sheared biotite-rich groundmass. Qtz-carb veinlets throughout. 0.30m clastic crystalline qtz vein w/ abundant magnetite present. 1% py>po within frequent deformed qtz veins/veinlets
R12-25	21616	45.50	47.00	metavolcanics	Intermediate	fine-med grain feldspar/ferromag, mafic-intermediate metavolcanics. F.g. white sericite alt disseminated throughout. Py, Po in patches and within rare qtz veinlets.
R12-27	21617	52.50	54.00	Metagabbro	Intermediate	Light grey/green, med grain, feldspar/amphibole metagabbro. Ophitic textures throughout. Minor localized shearing in F.G. intervals. Py>po in rare qtz/sulfide veinlets.
R12-28	21603	65.00	66.00	Mafic Dike	Mafic	dark grey/green, f.g., massively textured feldspar/amphible/biotite/magnetite-rich mafic dike. Po in folia-oriented hairline sulfide veinlets. Strongly magnetic.
R12-30	21601	135.50	136.59	FW Gabbro	Mafic	F.g., mod-strongly mod-strongly foliated, sheared, feldspar-amphibole footwall gabbro. Strong light/pale green alteration common in clastic, sheared/wispy patches,
R12-30	21605	10.52	12.00	Felsic Intrusive	Felsic	Indistinct, strongly silicified, clastic/fractured qtz monzanite intrusive. Minor-mod localized k-spar flooding throughout. Py present in rare mineralized veinlets, fractures.
R12-30	21606	96.50	98.00	Felsic Intrusive	Felsic	White/grey/brown, strongly fractured, fine-coarse grained, granophyric qtz diorite intrusive. Localized py>po,cpy within fractures of diorite
R12-30	21611	132.50	133.50	Granofels	Mafic	dark grey/green, f.g. sub-massively textured, locally mod-strongly fractured. Po, tr py,cpy within rare, smeared veinlets.
R12-32	21607	86.50	88.00	Felsic Intrusive	Felsic	Strongly silicified, dark grey/white, indistinct med-coarse grain felsic intrusive swarm. localized py,po,cpy in qtz/sulfide veinlets, rare qtz veins, and disseminated patches within foliated groundmass.
R12-34	21608	148.00	149.00	Felsic Intrusive	Felsic	White/brown/grey, mod silicified, sharply contacted qtz diorite intrusive. med-coarse grained, porphyritic. Minor po>cpy,py within fractures of diorite
R12-34	21612	148.00	149.00	Felsic Intrusive	Intermediate	White/brown/grey, mod silicified, sharply contacted qtz diorite intrusive. med-coarse grained, porphyritic. Minor po>cpy,py within fractures of diorite
R12-38	21609	89.00	90.50	Felsic Intrusive	Felsic	Qtz diorite intrusive swarm. White/grey/brown, foliated, med-coarse grained, granophyric qtz diorite clasts w/in f.g. biotite-rich groundmass w/ frequent epidote/garnet-altered patches, veins.. Po>py,cpy w/in qtz/sulfide veinlets, epidote/garnet-altered qtz veins (up to 3cm thickness).
R12-38	21613	79.00	80.50	Granofels	Intermediate	Dark green/grey, fine-med grain, mod foliated amphibole-biotite-rich metagabbro. Po>py,cpy w/in variably oriented qtz/sulfide veinlets.
R12-38	21614	114.30	115.12	Granofels	Mafic	Grey/green, f.g., massively textured, non-foliated, amphibole-feldspar dike? F.g. po,py disseminated throughout and rare sulfide veinlets
R12-40	21602	127.00	128.50	FW Gabbro	Mafic	Green/grey, coarse grained, massively textured FW Gabbro. White, barren qtz veins (up to 2cm thickness) common. Tr-minor po,py,cpy w/in rare mineralized patches/veins
RF86-3	21610	20.00	22.00	felsic intrusive	Felsic	Light-dark grey, med-coarse grained, sub-massive-massive, strongly fractured/clastic qtz Felsic Intrusive intrusive. Py>>cpy>py in clastic, randomly oriented qtz/sulfide veins and veinlets within fractures of qtz Felsic Intrusive.
RF87-8	21618	80.00	82.00	shear zone	Mafic	andesite ash tuff. v.f.g po in sulfide vienlets, patches.
RF87-8	21619	80.00	82.00	shear zone	Mafic	andesite ash tuff. v.f.g po in sulfide vienlets, patches.
RF87-8	21620	90.00	92.00	shear zone	Intermediate	qtz Felsic Intrusive xtal tuff. Mod-strongly locally sheared, mod silicified, po>cpy,py along fractures
RF87-8	21621	105.00	106.50	shear zone	Ultramafic	chlorite
RF87-8	21622	112.00	114.00	shear zone	Felsic	andesite tuff

APPENDIX D - Whole Rock Data

BHID	SAMPLE	Al2O3_%	BaO_%	CaO_%	Cr2O3_%	Fe2O3_%	K2O_%	MgO_%	MnO_%	Na2O_%
R11-16	**21604**	14.80	0.05	2.78	0.05	2.76	1.71	1.05	0.03	4.30
R12-25	**21615**	19.00	0.05	4.27	0.02	9.52	4.00	8.59	0.14	1.04
R12-25	**21616**	13.92	<0.01	8.24	0.03	14.63	0.72	2.59	0.34	2.60
R12-27	**21617**	19.49	0.02	8.75	0.03	6.94	1.05	4.86	0.16	3.87
R12-28	**21603**	11.79	0.05	8.47	0.02	18.91	1.56	3.16	0.30	0.77
R12-30	**21601**	15.18	<0.01	11.88	0.05	7.95	0.44	7.87	0.25	2.79
R12-30	**21605**	11.18	0.01	1.57	0.06	3.07	1.62	0.77	0.04	3.60
R12-30	**21606**	14.04	0.02	2.77	0.05	2.27	0.72	0.72	0.03	4.96
R12-30	**21611**	16.85	0.02	9.31	0.03	10.05	0.73	5.17	0.20	3.65
R12-32	**21607**	11.09	0.02	2.27	0.06	2.16	0.87	0.72	0.02	3.38
R12-34	**21608**	13.71	0.02	3.04	0.06	1.58	0.51	0.62	0.02	4.63
R12-34	**21612**	14.95	0.01	10.85	0.12	6.60	0.54	8.51	0.15	2.39
R12-38	**21609**	10.63	<0.01	3.37	0.06	5.83	0.45	2.07	0.09	2.79
R12-38	**21613**	14.16	0.01	7.04	0.04	11.16	0.63	3.78	0.20	3.09
R12-38	**21614**	15.92	<0.01	11.78	0.04	10.50	0.30	7.00	0.23	1.18
R12-40	**21602**	16.98	<0.01	12.68	0.07	7.01	0.42	7.95	0.17	2.32
RF86-3	**21610**	11.94	0.03	2.73	0.05	4.34	1.73	1.24	0.06	2.64
RF87-8	**21618**	15.09	0.03	9.92	0.04	11.14	0.72	6.71	0.24	3.41
RF87-8	**21619**	18.89	0.03	8.42	0.02	10.65	1.10	3.73	0.16	3.99
RF87-8	**21620**	20.00	0.06	6.44	0.03	9.01	2.62	3.34	0.10	2.98
RF87-8	**21621**	19.46	0.01	1.49	0.01	13.89	0.36	21.57	0.17	0.48
RF87-8	**21622**	9.00	<0.01	1.39	0.06	3.29	0.20	3.75	0.06	2.38

APPENDIX D - Whole Rock Data

BHID	SAMPLE	P2O5_%	SiO2_%	TiO2_%	LOI_%	Total_%	%AN	Q	or	ab
R11-16	**21604**	0.08	70.85	0.24	0.62	100.27	25.58	30.28	10.32	39.44
R12-25	**21615**	0.04	48.67	0.39	4.35	102.07	69.14	0.60	24.73	9.77
R12-25	**21616**	0.35	55.20	1.18	0.20	101.18	50.89	12.20	4.47	24.54
R12-27	**21617**	0.04	53.36	0.27	0.85	100.60	48.49	0.06	6.24	34.94
R12-28	**21603**	1.44	50.59	2.45	0.07	100.32	77.71	15.11	10.02	7.52
R12-30	**21601**	0.03	52.77	0.16	0.59	100.62	52.42	0.28	2.61	25.18
R12-30	**21605**	0.04	76.73	0.21	0.56	100.18	18.89	43.11	9.91	33.46
R12-30	**21606**	0.07	73.36	0.19	0.54	100.48	22.98	32.84	4.32	45.19
R12-30	**21611**	0.33	50.98	0.75	0.60	100.24	45.57	0.00	4.43	33.67
R12-32	**21607**	0.04	78.41	0.22	0.23	100.09	26.61	47.47	5.31	31.37
R12-34	**21608**	0.02	75.13	0.14	0.43	100.08	26.45	36.53	3.06	42.18
R12-34	**21612**	0.05	55.14	0.23	0.44	100.01	57.02	5.45	3.20	21.52
R12-38	**21609**	0.05	72.64	0.32	0.56	99.28	37.69	41.58	2.80	26.37
R12-38	**21613**	0.09	58.87	0.63	0.17	100.17	45.23	14.16	3.84	28.63
R12-38	**21614**	0.27	50.88	0.82	0.72	101.53	77.86	7.00	1.83	10.97
R12-40	**21602**	0.02	49.90	0.15	1.02	99.43	62.48	0.00	2.53	21.24
RF86-3	**21610**	0.03	73.77	0.19	0.75	100.83	36.03	41.52	10.67	24.75
RF87-8	**21618**	0.27	49.78	0.73	1.05	100.70	43.68	0.00	4.37	31.46
RF87-8	**21619**	0.09	51.38	0.61	0.99	101.79	45.89	0.00	6.62	36.48
RF87-8	**21620**	0.05	53.16	0.48	1.27	102.48	54.17	2.77	15.92	27.52
RF87-8	**21621**	0.11	34.73	0.72	8.46	101.94	60.76	0.00	2.21	4.47
RF87-8	**21622**	0.02	78.94	0.16	0.93	100.28	24.05	53.11	1.23	22.16

APPENDIX D - Whole Rock Data

BHID	SAMPLE	an	lc	ne	kal	C	di	hy	wo	ol
R11-16	**21604**	13.56	0.00	0.00	0.00	1.13	0.00	2.96	0.00	0.00
R12-25	**21615**	21.90	0.00	0.00	0.00	6.05	0.00	34.22	0.00	0.00
R12-25	**21616**	25.42	0.00	0.00	0.00	0.00	12.12	15.81	0.00	0.00
R12-27	**21617**	32.89	0.00	0.00	0.00	0.00	8.40	15.15	0.00	0.00
R12-28	**21603**	26.22	0.00	0.00	0.00	0.00	7.40	22.25	0.00	0.00
R12-30	**21601**	27.74	0.00	0.00	0.00	0.00	25.05	17.10	0.00	0.00
R12-30	**21605**	7.79	0.00	0.00	0.00	0.84	0.00	2.65	0.00	0.00
R12-30	**21606**	13.48	0.00	0.00	0.00	0.26	0.00	2.02	0.00	0.00
R12-30	**21611**	28.19	0.00	0.00	0.00	0.00	13.64	13.58	0.00	2.29
R12-32	**21607**	11.37	0.00	0.00	0.00	0.63	0.00	2.05	0.00	0.00
R12-34	**21608**	15.17	0.00	0.00	0.00	0.07	0.00	1.74	0.00	0.00
R12-34	**21612**	28.56	0.00	0.00	0.00	0.00	20.09	18.95	0.00	0.00
R12-38	**21609**	15.95	0.00	0.00	0.00	0.00	1.04	9.68	0.00	0.00
R12-38	**21613**	23.64	0.00	0.00	0.00	0.00	9.44	16.90	0.00	0.00
R12-38	**21614**	38.57	0.00	0.00	0.00	0.00	16.09	21.26	0.00	0.00
R12-40	**21602**	35.36	0.00	0.00	0.00	0.00	22.92	11.65	0.00	4.29
RF86-3	**21610**	13.94	0.00	0.00	0.00	0.95	0.00	5.99	0.00	0.00
RF87-8	**21618**	24.40	0.00	0.00	0.00	0.00	19.49	5.72	0.00	10.54
RF87-8	**21619**	30.94	0.00	0.00	0.00	0.00	8.80	7.20	0.00	6.66
RF87-8	**21620**	32.53	0.00	0.00	0.00	0.76	0.00	17.59	0.00	0.00
RF87-8	**21621**	6.93	0.00	0.00	0.00	17.94	0.00	30.11	0.00	34.66
RF87-8	**21622**	7.02	0.00	0.00	0.00	2.70	0.00	11.71	0.00	0.00

APPENDIX D - Whole Rock Data

BHID	SAMPLE	ac	mt	il	hem	ti	ap	cc	pero	wus
R11-16	**21604**	0.00	1.68	0.34	0.12	0.00	0.17	0.00	0.00	0.00
R12-25	**21615**	0.00	2.07	0.57	0.00	0.00	0.09	0.00	0.00	0.00
R12-25	**21616**	0.00	2.94	1.73	0.00	0.00	0.77	0.00	0.00	0.00
R12-27	**21617**	0.00	1.86	0.38	0.00	0.00	0.08	0.00	0.00	0.00
R12-28	**21603**	0.00	4.49	3.71	0.00	0.00	3.27	0.00	0.00	0.00
R12-30	**21601**	0.00	1.74	0.22	0.00	0.00	0.06	0.00	0.00	0.00
R12-30	**21605**	0.00	1.85	0.30	0.00	0.00	0.09	0.00	0.00	0.00
R12-30	**21606**	0.00	0.84	0.27	0.63	0.00	0.15	0.00	0.00	0.00
R12-30	**21611**	0.00	2.42	1.07	0.00	0.00	0.71	0.00	0.00	0.00
R12-32	**21607**	0.00	0.46	0.32	0.93	0.00	0.09	0.00	0.00	0.00
R12-34	**21608**	0.00	0.00	-0.01	1.12	0.00	0.04	0.00	0.00	0.00
R12-34	**21612**	0.00	1.81	0.32	0.00	0.00	0.10	0.00	0.00	0.00
R12-38	**21609**	0.00	2.00	0.47	0.00	0.00	0.11	0.00	0.00	0.00
R12-38	**21613**	0.00	2.30	0.91	0.00	0.00	0.19	0.00	0.00	0.00
R12-38	**21614**	0.00	2.51	1.18	0.00	0.00	0.58	0.00	0.00	0.00
R12-40	**21602**	0.00	1.76	0.21	0.00	0.00	0.04	0.00	0.00	0.00
RF86-3	**21610**	0.00	1.84	0.28	0.00	0.00	0.07	0.00	0.00	0.00
RF87-8	**21618**	0.00	2.40	1.04	0.00	0.00	0.58	0.00	0.00	0.00
RF87-8	**21619**	0.00	2.25	0.87	0.00	0.00	0.19	0.00	0.00	0.00
RF87-8	**21620**	0.00	2.13	0.69	0.00	0.00	0.11	0.00	0.00	0.00
RF87-8	**21621**	0.00	2.41	1.04	0.00	0.00	0.24	0.00	0.00	0.00
RF87-8	**21622**	0.00	1.80	0.23	0.00	0.00	0.04	0.00	0.00	0.00

APPENDIX D - Whole Rock Data

BHID	SAMPLE	ru	KMS	NMS	COS
R11-16	21604	0.00	0.00	0.00	0.00
R12-25	21615	0.00	0.00	0.00	0.00
R12-25	21616	0.00	0.00	0.00	0.00
R12-27	21617	0.00	0.00	0.00	0.00
R12-28	21603	0.00	0.00	0.00	0.00
R12-30	21601	0.00	0.00	0.00	0.00
R12-30	21605	0.00	0.00	0.00	0.00
R12-30	21606	0.00	0.00	0.00	0.00
R12-30	21611	0.00	0.00	0.00	0.00
R12-32	21607	0.00	0.00	0.00	0.00
R12-34	21608	0.11	0.00	0.00	0.00
R12-34	21612	0.00	0.00	0.00	0.00
R12-38	21609	0.00	0.00	0.00	0.00
R12-38	21613	0.00	0.00	0.00	0.00
R12-38	21614	0.00	0.00	0.00	0.00
R12-40	21602	0.00	0.00	0.00	0.00
RF86-3	21610	0.00	0.00	0.00	0.00
RF87-8	21618	0.00	0.00	0.00	0.00
RF87-8	21619	0.00	0.00	0.00	0.00
RF87-8	21620	0.00	0.00	0.00	0.00
RF87-8	21621	0.00	0.00	0.00	0.00
RF87-8	21622	0.00	0.00	0.00	0.00

Appendix E

Surface Sampling – Boulder Sampling, Soil Sampling, Stream Sampling

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Boulder	AR-01	802023		313783	4980524	quartz	Small, rusty piece among granite boulders		Aquila
Boulder	AR-02	802024		313783	4980524	quartz	Rusty with sulfides		Aquila
Boulder	AR-03	802025		313985	4980859	quartz	Small-Medium, angular boulder		Aquila
Boulder	AR-04	802026		313761	4980924	mafic volcanic	Multiple boulders, one smaller boulder appeared more silicified and contained trace pyrite. Few sub-rounded granite boulders nearby		Aquila
Boulder	AR-05	802027		313721	4980805	quartz	Small, angular chunks of rock scattered. Mostly gabbroic rock, one chunk of rusty quartz sampled		Aquila
Boulder	AR-06	802028		313659	4980773	quartz	Swampy area w/ med-large boulders. Sub-angular granite, mafic volcanic and rusty quartz float		Aquila
Boulder	AR-07	802029		313707	4980758	gabbro	Altered mafic intrusive with quartz veining. Tarnished sulfides present in quartz		Aquila
Boulder	AR-08	802030		313718	4980758	quartz	Large, angular, rusty boulder		Aquila
Boulder	AR-09	802031		313798	4980667	quartz	Small chunk of quartz found among small mafic rocks		Aquila
Boulder	AR-10	802032		313784	4980503	quartz	Large, angular, moderately rusty boulder		Aquila
Boulder	AR-11	10005		313375	4980471	quartz w/ VG	medium sized, angular, very rusty float		Aquila
Boulder	AR-12	10031		313375	4980471	quartz	small pile of small pieces of very rusty qtz float/saprolite		Aquila
Boulder	AR-13	10032		313895	4980838	quartz	small-medium sized, angular float. Very white, rusty along the weathered surface		Aquila
Boulder	AR-14	10033		312905	4981090	quartz	Area of mostly small-med, angular gabbro boulders w/ a few mafic volcanic and a small granite porphyry bldr. One small quartz float sampled, white, slightly rusty on weathered surface, no sulfides.		Aquila
Boulder	AR-15	10034		312908	4981118	quartz	Med sized, angular granite. Med sized, angular, granular quartz float		Aquila
Boulder	AR-16	10035		312909	4981359	quartz	Small-med sized quartz float at foot of uprooted tree. Rusty, no VG. Sample is from a few peices		Aquila
Boulder	AR-17	10036		312916	4981380	quartz	Large, angular mafic volcanic boulder w/ small rusty quartz float near by		Aquila
Boulder	AR-18	10037		312936	4981382	quartz	Med, angular, rusty quartz float		Aquila
Boulder	AR-19	10038		312957	4981353	quartz	Large, angular quartz float at foot of uprooted tree.		Aquila
Boulder	AR-20	10039		313002	4981059	quartz	Large, angular, slight rusty quartz float		Aquila
Boulder	AR-21	10040		313145	4981066	quartz	Med, angular, rusty quartz float		Aquila
Boulder	AR-22	10041		313134	4980183	Quartz	small rounded moderately rusty(AR-22), small angular with lots of sulfides (AR-22A), small rounded, rusty (AR-22B). One large gabbro boulder and many small, angular granite boulders		Aquila
Boulder	AR-22A	10042		313134	4980183	Quartz	small rounded moderately rusty(AR-22), small angular with lots of sulfides (AR-22A), small rounded, rusty (AR-22B). One large gabbro boulder and many small, angular granite boulders		Aquila
Boulder	AR-22B	10043		313134	4980183	Quartz	small rounded moderately rusty(AR-22), small angular with lots of sulfides (AR-22A), small rounded, rusty (AR-22B). One large gabbro boulder and many small, angular granite boulders		Aquila
Boulder	AR-23	10044		313149	4980203	quartz	large, angular, very rusty float. Sulfides present		Aquila
Boulder	AR-24	10045		312452	4980420	quartz	Rock piles probably from the field along a small pond. Small to medium sized, angular granite, mafic volcanic, gabbro and quartz boulders. Sample taked of a rusty piece of quartz		Aquila
Boulder	AR-25	10046		312531	4980270	quartz	Rockk pile probably from field. Mostly medium sized, angular granite and mafic volcanic boulders. Afew quartz boulders found, mostly massive and white. One rusty quartz sampled		Aquila
Boulder	AR-26	10047		312694	4980600	Quartz	small, angular, very rusty/oxidized quartz float(AR-26), another larger, equally rusty quartz boulder found nearby (AR-26A)		Aquila
Boulder	AR-27	10048		312694	4980600	Quartz	small, angular, very rusty/oxidized quartz float(AR-26), another larger, equally rusty quartz boulder found nearby (AR-26A)		Aquila
Boulder	AR-27	10049		312716	4980590	Quartz	large, angular, very rusty/oxidized boulder with possible VG found (AR-27). Another large angular, rusty quartz boulder found nearby		Aquila
Boulder	AR-27A	10050		312716	4980590	Quartz	large, angular, very rusty/oxidized boulder with possible VG found (AR-27). Another large angular, rusty quartz boulder found nearby		Aquila
Boulder	AR-28	10051		312698	4980557	quartz	large, sub-rounded, lighty to moderately rusty, fairly massive quartz boulder and a red granite boulder		Aquila
Boulder	AR-29	10052		312705	4980449	quartz	Medium, angular, moderately rusty/oxidized quartz boulder and a large, angular mafic volcanic boulder		Aquila
Boulder	AR-30	10053		312676	4980252	quartz	small, angular, lightly-moderately rusty/oxidized		Aquila
Boulder	AR-31	10054		311745	4980908	quartz	Quartz, sandstone, and quartzite boulders. Large, massive, white quartz boulder sampled		Aquila
Boulder	NR-01	802037		313329	4980410	quartz	Quartz w/VG found near GBP-1		Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Boulder	AR-01	802023	Inspectorate		0.07	0.05																					
Boulder	AR-02	802024	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-03	802025	MPC, Inspectorate Au AVG		0.03	0.1																					
Boulder	AR-04	802026	MPC, Inspectorate Au AVG		0.02	0.1																					
Boulder	AR-05	802027	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-06	802028	MPC, Inspectorate Au AVG		1.70	0.3																					
Boulder	AR-07	802029	MPC, Inspectorate Au AVG		0.04	0.4																					
Boulder	AR-08	802030	MPC, Inspectorate Au AVG		0.22	0.1																					
Boulder	AR-09	802031	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-10	802032	MPC, Inspectorate Au AVG		0.05	0.05																					
Boulder	AR-11	10005	MPC, Inspectorate Au AVG		44.22																						
Boulder	AR-12	10031	MPC, Inspectorate Au AVG		23.52																						
Boulder	AR-13	10032	MPC, Inspectorate Au AVG		0.08																						
Boulder	AR-14	10033	MPC, Inspectorate Au AVG		0.12																						
Boulder	AR-15	10034	MPC, Inspectorate Au AVG		0.04																						
Boulder	AR-16	10035	MPC, Inspectorate Au AVG		0.14																						
Boulder	AR-17	10036	Inspectorate		0.03	1																					
Boulder	AR-18	10037	MPC, Inspectorate Au AVG		0.11	0.1																					
Boulder	AR-19	10038	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-20	10039	MPC, Inspectorate Au AVG		0.06	0.05																					
Boulder	AR-21	10040	MPC, Inspectorate Au AVG		0.07	0.05																					
Boulder	AR-22	10041	MPC, Inspectorate Au AVG		0.06	0.05																					
Boulder	AR-22A	10042	MPC, Inspectorate Au AVG		0.01	0.05																					
Boulder	AR-22B	10043	MPC, Inspectorate Au AVG		0.01	0.05																					
Boulder	AR-23	10044	MPC, Inspectorate Au AVG		0.57	0.1																					
Boulder	AR-24	10045	MPC, Inspectorate Au AVG		0.03	0.05																					
Boulder	AR-25	10046	MPC, Inspectorate Au AVG		0.86	0.3																					
Boulder	AR-26	10047	MPC, Inspectorate Au AVG		0.07	0.05																					
Boulder	AR-27	10048	MPC, Inspectorate Au AVG		0.04	0.05																					
Boulder	AR-27	10049	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-27A	10050	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-28	10051	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-29	10052	MPC, Inspectorate Au AVG		0.03	0.05																					
Boulder	AR-30	10053	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	AR-31	10054	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	NR-01	802037	MPC		58.54																						

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Boulder	AR-01	802023									
Boulder	AR-02	802024									
Boulder	AR-03	802025									
Boulder	AR-04	802026									
Boulder	AR-05	802027									
Boulder	AR-06	802028									
Boulder	AR-07	802029									
Boulder	AR-08	802030									
Boulder	AR-09	802031									
Boulder	AR-10	802032									
Boulder	AR-11	10005									
Boulder	AR-12	10031									
Boulder	AR-13	10032									
Boulder	AR-14	10033									
Boulder	AR-15	10034									
Boulder	AR-16	10035									
Boulder	AR-17	10036									
Boulder	AR-18	10037									
Boulder	AR-19	10038									
Boulder	AR-20	10039									
Boulder	AR-21	10040									
Boulder	AR-22	10041									
Boulder	AR-22A	10042									
Boulder	AR-22B	10043									
Boulder	AR-23	10044									
Boulder	AR-24	10045									
Boulder	AR-25	10046									
Boulder	AR-26	10047									
Boulder	AR-27	10048									
Boulder	AR-27	10049									
Boulder	AR-27A	10050									
Boulder	AR-28	10051									
Boulder	AR-29	10052									
Boulder	AR-30	10053									
Boulder	AR-31	10054									
Boulder	NR-01	802037									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Boulder	NR-02	802038		313329	4980410	quartz	Quartz w/VG found near GBP-1		Aquila
Boulder	pr-01	802010		313656	4980744	quartz	sparse boulders, mostly granite, one large angular qtz boulder		Aquila
Boulder	pr-02	802011		313448	4980204	quartz	small-medium, sub-angular quartz boulder		Aquila
Boulder	pr-03	802012		313448	4980479	quartz	several large, angular, rusty qtz boulders		Aquila
Boulder	pr-04	802013		313399	4980634	quartz	few small rusty qtz boulders within mafic volcanics which are foliated and weakly magnetic		Aquila
Boulder	pr-05	802014		313405	4980531	quartz	several large rusty/oxidized qtz boulders		Aquila
Boulder	pr-06	802015		313399	4980483	quartz w/ VG	several rusty VG bearing qtz boulders		Aquila
Boulder	pr-07	802016		313343	4980165	quartz	large area of abund angular granite boulders w/ few qtz boulders		Aquila
Boulder	pr-08	802017		313349	4980388	quartz w/ VG	very rusty qtz boulder w/ tr VG		Aquila
Boulder	pr-09	802018		313339	4980413	quartz w/ VG	large, very rusty qtz boulder w/ min unox py/cpy, abund frac bound VG		Aquila
Boulder	pr-10	802019		313352	4980497	quartz w/ VG	large rusty qtz boulder w/ VG		Aquila
Boulder	pr-11	802020		313288	4980387	quartz w/ VG	large rusty qtz boulder w/ VG		Aquila
Boulder	pr-12	802021		313284	4980381	quartz w/ VG	large rusty qtz boulder w/ VG		Aquila
Boulder	pr-13	802022		313287	4980361	quartz w/ VG	large rusty qtz boulder w/ VG		Aquila
Boulder	PR-14	10001		313406	4980525	quartz w/ VG	rusty quartz boulder with VG		Aquila
Boulder	PR-15	10002		313374	4980472	quartz w/ VG	rusty quartz boulder with abundant VG		Aquila
Boulder	PR-16	10003		313322	4980463	quartz w/ VG	rusty quartz boulder with VG		Aquila
Boulder	PR-17	10006		312858	4981392	quartz	oxidized/rusty quartz boulder		Aquila
Boulder	PR-18	10007		312800	4981385	quartz	slightly oxidized/rusty abundant quartz boulders		Aquila
Boulder	PR-19	10008		312753	4981352	quartz	few weakly oxidized/rusty boulders		Aquila
Boulder	PR-20	10009		312709	4981312	quartz	small, rusty quartz boulder with abundant black, shiny mineral found by uprooted tree		Aquila
Boulder	PR-21	10010		312702	4981137	quartz	Few weakly oxidized/rusty quartz boulders		Aquila
Boulder	PR-22	10011		312703	4981103	quartz	Few weakly oxidized/rusty quartz boulders		Aquila
Boulder	PR-23	10012		312696	4981074	quartz	Few weakly oxidized/rusty quartz boulders		Aquila
Boulder	PR-24	10013		312704	4981039	quartz	Coarse grained, crumbly quartz boulder		Aquila
Boulder	PR-25	10014		312659	4981061	quartz	slightly oxidized/rusty quartz with granite boulders		Aquila
Boulder	PR-26	10015		312656	4981389	quartz	slightly oxidized/rusty sparse boulders		Aquila
Boulder	PR-27	10004		312716	4980590	Quartz	small area of abundant small, very rusty quartz boulders, one with locally abundant VG (PR-27). Sample 27A did not contain VG		Aquila
Boulder	PR-27A	10016		312716	4980590	Quartz	small area of abundant small, very rusty quartz boulders, one with locally abundant VG (PR-27). Sample 27A did not contain VG		Aquila
Boulder	PR-28	10017		313000	4980336	quartz	large boulder pile on the edge of old field containing predominately quartz boulders, some extremely rusty		Aquila
Boulder	PR-29	10018		312988	4980594	quartz	small, rusty quartz boulder on the edge of the field		Aquila
Boulder	PR-30	10019		312977	4980535	quartz	large, very rusty quartz boulder		Aquila
Boulder	PR-31	10020		312970	4980528	quartz	large, very rusty quartz boulder		Aquila
Boulder	PR-32	10021		312905	4980448	quartz	rusty quartz boulders with sandstone and mafic volcanic boulders		Aquila
Boulder	PR-33	10022		312855	4980555	?	deeply weather/oxidized boulder		Aquila
Boulder	PR-34	10023		312853	4980513	?	foliated, deeply weathered/oxidized boulder		Aquila
Boulder	PR-35	10024		312849	4980342	quartz	moderately oxidized/rusty quartz near large granite boulders		Aquila
Boulder	PR-36	10025		312804	4980295	Rhyolite	small area of abundant fine grained red-purple felsic boulders some w/ strong quartz veining w/ large qtz crystals		Aquila
Boulder	PR-37	10026		312804	4980295	Rhyolite	small area of abundant fine grained red-purple felsic boulders some w/ strong quartz veining w/ large qtz crystals		Aquila
Boulder	PR-38	10027		312751	4980549	quartz	weakly oxidized quartz boulder		Aquila
Boulder	PR-39	10028		312741	4980559	quartz	several moderately oxidized quartz boulders		Aquila
Boulder	PR-40	10029		312744	4980598	quartz	moderately oxidized/rusty		Aquila
Boulder	PR-41	10030		312761	4980595	quartz	strongly oxidized		Aquila
Boulder	Reef	10055		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	Reef	10056		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	Reef	10057		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	Reef	10058		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	Reef	10059		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	Reef	10060		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	Reef	10061		313329	4980410	quartz w/ VG	Quartz w/ VG found by digging near GBP-1		Aquila
Boulder	TR-01	802033		313466	4980475				Aquila
Boulder		19002	Thornapple Creek Road east depth boulder hit bedrock NA	313300	4982023		Moderately oxidized quartz boulders collected at the entrace of a snowmobile trail gate. Very close to soil sample AQA-19203	9/15/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Boulder	NR-02	802038	MPC		1.81																						
Boulder	pr-01	802010	MPC, Inspectorate Au AVG		0.02	0.6																					
Boulder	pr-02	802011	MPC, Inspectorate Au AVG		3.84	0.05																					
Boulder	pr-03	802012	MPC, Inspectorate Au AVG		0.72	0.05																					
Boulder	pr-04	802013	Inspectorate		0.00	0.05																					
Boulder	pr-05	802014	MPC, Inspectorate Au AVG		4.31	0.05																					
Boulder	pr-06	802015	MPC, Inspectorate Au AVG		93.46	1.9																					
Boulder	pr-07	802016	MPC, Inspectorate Au AVG		0.11	0.05																					
Boulder	pr-08	802017	MPC, Inspectorate Au AVG		14.84	0.7																					
Boulder	pr-09	802018	MPC, Inspectorate Au AVG		108.38	2.7																					
Boulder	pr-10	802019	MPC, Inspectorate Au AVG		2.65	0.3																					
Boulder	pr-11	802020	MPC, Inspectorate Au AVG		12.23	0.1																					
Boulder	pr-12	802021	MPC, Inspectorate Au AVG		16.27	0.1																					
Boulder	pr-13	802022	MPC, Inspectorate Au AVG		5.53	0.05																					
Boulder	PR-14	10001	MPC, Inspectorate Au AVG		2.70																						
Boulder	PR-15	10002	MPC, Inspectorate Au AVG		122.64																						
Boulder	PR-16	10003	MPC, Inspectorate Au AVG		142.94																						
Boulder	PR-17	10006	MPC, Inspectorate Au AVG		39.23	3.1																					
Boulder	PR-18	10007	MPC, Inspectorate Au AVG		0.48	0.3																					
Boulder	PR-19	10008	MPC, Inspectorate Au AVG		0.15	0.3																					
Boulder	PR-20	10009	MPC, Inspectorate Au AVG		1.93	0.05																					
Boulder	PR-21	10010	MPC, Inspectorate Au AVG		0.09	0.05																					
Boulder	PR-22	10011	MPC, Inspectorate Au AVG		0.39	1.2																					
Boulder	PR-23	10012	MPC, Inspectorate Au AVG		0.52	0.3																					
Boulder	PR-24	10013	MPC, Inspectorate Au AVG		0.36	0.05																					
Boulder	PR-25	10014	MPC, Inspectorate Au AVG		0.25	0.5																					
Boulder	PR-26	10015	MPC, Inspectorate Au AVG		0.04	0.1																					
Boulder	PR-27	10004	MPC, Inspectorate Au AVG		20.87																						
Boulder	PR-27A	10016	MPC, Inspectorate Au AVG		0.42	2																					
Boulder	PR-28	10017	MPC, Inspectorate Au AVG		0.89	0.5																					
Boulder	PR-29	10018	MPC, Inspectorate Au AVG		0.37	0.2																					
Boulder	PR-30	10019	MPC, Inspectorate Au AVG		0.45	0.05																					
Boulder	PR-31	10020	MPC, Inspectorate Au AVG		0.05	0.1																					
Boulder	PR-32	10021	MPC, Inspectorate Au AVG		0.11	0.05																					
Boulder	PR-33	10022	MPC, Inspectorate Au AVG		0.04	0.05																					
Boulder	PR-34	10023	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	PR-35	10024	MPC, Inspectorate Au AVG		0.08	0.05																					
Boulder	PR-36	10025	MPC, Inspectorate Au AVG		0.03	0.05																					
Boulder	PR-37	10026	MPC, Inspectorate Au AVG		0.02	0.05																					
Boulder	PR-38	10027	MPC, Inspectorate Au AVG		0.12	0.05																					
Boulder	PR-39	10028	MPC, Inspectorate Au AVG		0.03	0.2																					
Boulder	PR-40	10029	MPC, Inspectorate Au AVG		0.02	0.1																					
Boulder	PR-41	10030	MPC, Inspectorate Au AVG		0.09	0.1																					
Boulder	Reef	10055	MPC, Inspectorate Au AVG		177.36																						
Boulder	Reef	10056	MPC, Inspectorate Au AVG		67.55																						
Boulder	Reef	10057	MPC, Inspectorate Au AVG		247.92																						
Boulder	Reef	10058	MPC, Inspectorate Au AVG		411.18																						
Boulder	Reef	10059	MPC, Inspectorate Au AVG		64.13																						
Boulder	Reef	10060	MPC, Inspectorate Au AVG		147.94																						
Boulder	Reef	10061	MPC, Inspectorate Au AVG		44.28																						
Boulder	TR-01	802033	MPC, Inspectorate Au AVG		14.58	0.5																					
Boulder		19002	Inspectorate																								

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Boulder	NR-02	802038									
Boulder	pr-01	802010									
Boulder	pr-02	802011									
Boulder	pr-03	802012									
Boulder	pr-04	802013									
Boulder	pr-05	802014									
Boulder	pr-06	802015									
Boulder	pr-07	802016									
Boulder	pr-08	802017									
Boulder	pr-09	802018									
Boulder	pr-10	802019									
Boulder	pr-11	802020									
Boulder	pr-12	802021									
Boulder	pr-13	802022									
Boulder	PR-14	10001									
Boulder	PR-15	10002									
Boulder	PR-16	10003									
Boulder	PR-17	10006									
Boulder	PR-18	10007									
Boulder	PR-19	10008									
Boulder	PR-20	10009									
Boulder	PR-21	10010									
Boulder	PR-22	10011									
Boulder	PR-23	10012									
Boulder	PR-24	10013									
Boulder	PR-25	10014									
Boulder	PR-26	10015									
Boulder	PR-27	10004									
Boulder	PR-27A	10016									
Boulder	PR-28	10017									
Boulder	PR-29	10018									
Boulder	PR-30	10019									
Boulder	PR-31	10020									
Boulder	PR-32	10021									
Boulder	PR-33	10022									
Boulder	PR-34	10023									
Boulder	PR-35	10024									
Boulder	PR-36	10025									
Boulder	PR-37	10026									
Boulder	PR-38	10027									
Boulder	PR-39	10028									
Boulder	PR-40	10029									
Boulder	PR-41	10030									
Boulder	Reef	10055									
Boulder	Reef	10056									
Boulder	Reef	10057									
Boulder	Reef	10058									
Boulder	Reef	10059									
Boulder	Reef	10060									
Boulder	Reef	10061									
Boulder	TR-01	802033									
Boulder		19002									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Boulder		19042	Thornapple Creek Road east depth boulder hit bedrock NA	313893	4984086	Quartz	Lightly Oxidized quartz boulder near gabbro outcrop	9/16/2011	Aquila
Boulder		802035							
Boulder		802036							
Boulder		802039							
Boulder		802040							
Boulder		802041							
Boulder			Forestville Road west depth hit bedrock	311635	4979720		boulder sample	9/22/2011	Aquila
Soil	872401	19201							Aquila
Soil	872402	19202							Aquila
Soil	872403	19203							Aquila
Soil	872404	19205	Thornapple Creek Road east depth 12"-24" hit bedrock yes?		4982133		Oxidized, sandy till. At 18" becomes more strongly oxidized and dense, a muddy and sandy material. Hit possible bedrock in two holes.	9/15/2011	Aquila
Soil	872466	19206	Thornapple Creek Road east depth 12"-30" hit bedrock no	313308	4982265		Oxidized, sandy overburden/till with rock fragments	9/15/2011	Aquila
Soil	872467	19207	Thornapple Creek Road east depth 30"-36" hit bedrock no	313308	4982265		Lightly-moderately oxidized, grey green finer grained silt	9/15/2011	Aquila
Soil	872468	19208	Thornapple Creek Road east depth 18"-30" hit bedrock no	313316	4982336		Oxidized, sandy overburden/till, wet.	9/15/2011	Aquila
Soil	872469	19209	Thornapple Creek Road east depth 30"-36" hit bedrock no	313316	4982336		Finer grained grey sand/silt, wet	9/15/2011	Aquila
Soil	872470	19210	Thornapple Creek Road west depth 0"-30" hit bedrock no	313294	4982377		sand and gravel along side a stream, panning?	9/15/2011	Aquila
Soil	872471	19211	Thornapple Creek Road east depth 6"-12" hit bedrock no	313322	4982503		Lightly-moderately oxidized clay/silt with rock fragments	9/15/2011	Aquila
Soil	872472	19212	Thornapple Creek Road east depth 12"-24" hit bedrock no	313322	4982503		Strongly oxidized mud/clay	9/15/2011	Aquila
Soil	872475	19213	Thornapple Creek Road east depth 24"-36" hit bedrock no	313322	4982503		strongly oxidized sandy till?	9/15/2011	Aquila
Soil	872476	19214	Thornapple Creek Road east depth 18"-30" hit bedrock no	313323	4982582		Moderately oxidized silt/soil? With rock fragments	9/15/2011	Aquila
Soil	872477	19215	Thornapple Creek Road east depth 30"-36" hit bedrock yes?	313323	4982582		Moderately oxidized sandy till/overburden, hit rock at 36", bedrock?	9/15/2011	Aquila
Soil	872478	19216	Thornapple Creek Road west depth 6"-18" hit bedrock yes	313308	4982686		Top Soil. Hit bedrock at 18" in a few different holes.	9/15/2011	Aquila
Soil	872479	19217	Thornapple Creek Road west depth 12"-33" hit bedrock yes	313305	4982757		Strongly oxidized clay with oxidized sandy intervals. Hit bedrock at 33"	9/15/2011	Aquila
Soil	872480	19218	Thornapple Creek Road east depth 12"-24" hit bedrock no	313338	4982964		Highly oxidized sand with few blue rock fragments	9/15/2011	Aquila
Soil	872481	19219	Thornapple Creek Road east depth 24"-30" hit bedrock yes	313338	4982964		Highly oxidized, more compacted, finer sand with more blue/green rock fragments than above. Hit bedrock at 30". *near field	9/15/2011	Aquila
Soil	872482	19220	Thornapple Creek Road south depth 12"-24" hit bedrock no	313434	4982977		Lightly-moderately oxidized sandy till/overburden	9/16/2011	Aquila
Soil	872483	19221	Thornapple Creek Road south depth 24"-30" hit bedrock no	313434	4982977		Lighter colored sandy till/overburden with small pebbles	9/16/2011	Aquila
Soil	872484	19222	Thornapple Creek Road south depth 30"-36" hit bedrock no	313434	4982977		Moderately-strongly oxidized with some green rock fragments. Fine grained white splotches throughout	9/16/2011	Aquila
Soil	872485	19223	Thornapple Creek Road south depth 15"-30" hit bedrock no	313540	4982970		Moderately-strongly oxidized sandy, muddy intervals of till	9/16/2011	Aquila
Soil	872486	19224	Thornapple Creek Road south depth 30"-38" hit bedrock no	313540	4982970		Moderately-strongly oxidized sandy till/overburden with abundant blue/green rock fragments	9/16/2011	Aquila
Soil	872487	19225	Thornapple Creek Road south depth 12"-18" hit bedrock no	313644	4982962		Moderately-strongly oxidized with small pebbles at 18"	9/16/2011	Aquila
Soil	872488	19226	Thornapple Creek Road south depth 18"-21" hit bedrock yes	313644	4982962		Oxidized with small pebbles and white blotches.	9/16/2011	Aquila
Soil	872489	19227	Thornapple Creek Road east depth 9"-16" hit bedrock no	313744	4982998		Moderately oxidized sandy till/overburden	9/16/2011	Aquila
Soil	872490	19228	Thornapple Creek Road east depth 16"-24" hit bedrock yes	313744	4982998		Moderately oxidized sandy till/overburden with abundant, slighlty disintegrated blue rock fragments. Hit possible bedrock at 24"	9/16/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Boulder		19042	Inspectorate																								
Boulder		802035			0.02	0.1																					
Boulder		802036			0.33	0.7																					
Boulder		802039			0.02	0.1																					
Boulder		802040			0.03	0.05																					
Boulder		802041			0.13	0.3																					
Boulder			Inspectorate	3	0.00											4.00											
Soil	872401	19201	Inspectorate		0.00	0.050	0.05	0.74	2.50	70.00	1.00	0.14	0.25	4.00	193.00	18.00	1.53	1.50	0.25	30.00	0.21	135.00	6.00	0.03	10.00	415.00	10.00
Soil	872402	19202	Inspectorate		0.00	0.050	0.05	0.81	2.50	85.00	1.00	0.13	0.25	7.00	208.00	18.00	1.87	1.50	0.23	28.00	0.20	380.00	7.00	0.03	10.00	575.00	10.00
Soil	872403	19203	Inspectorate		0.00	0.050	0.05	1.31	10.00	130.00	1.00	0.19	0.25	8.00	186.00	22.00	2.37	1.50	0.33	20.00	0.54	345.00	5.00	0.02	12.00	540.00	6.00
Soil	872404	19205	Inspectorate		0.00	0.050	0.05	1.10	2.50	70.00	4.00	0.08	0.25	6.00	256.00	20.00	2.01	1.50	0.29	12.00	0.40	345.00	7.00	0.03	12.00	520.00	6.00
Soil	872466	19206	Inspectorate		0.01	0.200	0.05	0.91	10.00	170.00	1.00	0.33	0.25	16.00	185.00	55.00	2.13	1.50	0.20	10.00	0.21	3225.00	7.00	0.01	14.00	1205.00	20.00
Soil	872467	19207	Inspectorate		0.06	0.050	0.05	0.70	2.50	50.00	1.00	0.09	0.25	4.00	168.00	36.00	1.64	1.50	0.12	6.00	0.20	465.00	6.00	0.01	9.00	465.00	8.00
Soil	872468	19208	Inspectorate		0.10	0.050	0.05	1.01	2.50	55.00	1.00	0.19	0.25	7.00	49.00	237.00	4.48	1.50	0.29	4.00	0.43	155.00	0.50	0.01	15.00	700.00	1.00
Soil	872469	19209	Inspectorate		0.00	0.050	0.05	0.81	10.00	105.00	4.00	0.13	0.25	27.00	157.00	24.00	2.69	1.50	0.18	12.00	0.16	2350.00	5.00	0.02	8.00	870.00	14.00
Soil	872470	19210	Inspectorate		0.00	0.050	0.05	0.74	5.00	60.00	1.00	0.09	0.25	6.00	170.00	29.00	1.67	1.50	0.30	10.00	0.30	390.00	4.00	0.01	8.00	435.00	4.00
Soil	872471	19211	Inspectorate		0.01	0.050	0.05	0.77	2.50	50.00	2.00	0.12	0.25	3.00	181.00	38.00	1.31	1.50	0.41	14.00	0.33	125.00	5.00	0.01	7.00	425.00	1.00
Soil	872472	19212	Inspectorate		0.01	0.050	0.05	0.71	2.50	50.00	1.00	0.11	0.25	3.00	139.00	34.00	1.30	1.50	0.44	14.00	0.35	155.00	4.00	0.01	9.00	460.00	1.00
Soil	872475	19213	Inspectorate		0.00	0.050	0.05	0.59	2.50	55.00	2.00	0.10	0.25	4.00	161.00	12.00	1.18	1.50	0.13	14.00	0.17	125.00	5.00	0.02	9.00	320.00	4.00
Soil	872476	19214	Inspectorate		0.02	0.050	0.05	0.79	2.50	65.00	1.00	0.06	0.25	4.00	153.00	25.00	1.48	1.50	0.27	12.00	0.30	180.00	5.00	0.03	7.00	360.00	4.00
Soil	872477	19215	Inspectorate		0.00	0.050	0.05	0.59	5.00	55.00	1.00	0.09	0.25	3.00	181.00	8.00	1.21	1.50	0.13	14.00	0.15	165.00	5.00	0.02	7.00	355.00	6.00
Soil	872478	19216	Inspectorate		0.01	0.050	0.05	0.70	2.50	60.00	1.00	0.10	0.25	5.00	178.00	9.00	1.27	1.50	0.18	10.00	0.21	260.00	4.00	0.02	10.00	430.00	4.00
Soil	872479	19217	Inspectorate		0.00	0.300	0.05	0.66	15.00	55.00	4.00	0.13	0.25	5.00	143.00	12.00	1.37	1.50	0.16	14.00	0.21	305.00	4.00	0.02	8.00	545.00	10.00
Soil	872480	19218	Inspectorate		0.00	0.050	0.05	0.82	2.50	65.00	2.00	0.12	0.25	7.00	164.00	12.00	1.35	1.50	0.17	8.00	0.29	285.00	5.00	0.03	9.00	400.00	8.00
Soil	872481	19219	Inspectorate		0.02	0.050	0.05	0.82	10.00	60.00	1.00	0.11	0.25	5.00	129.00	21.00	1.51	1.50	0.17	16.00	0.24	275.00	4.00	0.02	8.00	445.00	6.00
Soil	872482	19220	Inspectorate		0.00	0.100	0.05	0.70	10.00	70.00	1.00	0.09	0.25	5.00	226.00	11.00	1.34	1.50	0.12	8.00	0.17	390.00	7.00	0.02	10.00	390.00	6.00
Soil	872483	19221	Inspectorate		0.01	0.050	0.05	0.74	2.50	70.00	4.00	0.12	0.25	6.00	126.00	14.00	1.44	1.50	0.17	14.00	0.20	255.00	3.00	0.02	9.00	470.00	8.00
Soil	872484	19222	Inspectorate		0.03	0.200	0.10	1.19	2.50	80.00	1.00	0.15	0.25	11.00	60.00	107.00	4.94	3.00	0.25	4.00	0.44	1005.00	0.50	0.01	13.00	870.00	4.00
Soil	872485	19223	Inspectorate		0.03	0.100	0.10	0.95	2.50	100.00	4.00	0.29	0.25	8.00	37.00	74.00	5.88	1.50	0.33	4.00	0.46	360.00	0.50	0.01	14.00	945.00	4.00
Soil	872486	19224	Inspectorate		0.12	0.200	0.05	0.84	2.50	135.00	1.00	0.34	0.25	5.00	87.00	42.00	1.19	1.50	0.21	18.00	0.33	105.00	3.00	0.01	16.00	770.00	8.00
Soil	872487	19225	Inspectorate		0.08	0.300	0.20	1.22	5.00	130.00	1.00	0.27	0.25	3.00	80.00	47.00	2.29	1.50	0.22	10.00	0.29	115.00	2.00	0.01	8.00	1555.00	6.00
Soil	872488	19226	Inspectorate		0.05	0.050	0.10	0.92	2.50	95.00	1.00	0.29	0.25	10.00	119.00	51.00	5.09	1.50	0.33	6.00	0.42	250.00	2.00	0.01	14.00	1020.00	4.00
Soil	872489	19227	Inspectorate		0.02	0.050	0.20	1.13	5.00	165.00	1.00	0.39	0.25	7.00	76.00	36.00	2.94	1.50	0.26	14.00	0.37	275.00	2.00	0.01	13.00	1030.00	6.00
Soil	872490	19228	Inspectorate		0.00	0.050	0.10	0.87	2.50	115.00	1.00	0.39	0.25	7.00	72.00	28.00	5.10	1.50	0.29	10.00	0.34	275.00	1.00	0.01	12.00	1170.00	1.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Boulder		19042									
Boulder		802035									
Boulder		802036									
Boulder		802039									
Boulder		802040									
Boulder		802041									
Boulder											
Soil	872401	19201	1.00	3.00	10.00	0.03	5.00	26.00	5.00	34.00	8.00
Soil	872402	19202	1.00	3.00	11.00	0.02	5.00	35.00	5.00	30.00	2.00
Soil	872403	19203	1.00	6.00	16.00	0.05	5.00	47.00	5.00	42.00	12.00
Soil	872404	19205	1.00	3.00	8.00	0.07	5.00	40.00	5.00	38.00	8.00
Soil	872466	19206	1.00	2.00	20.00	0.01	5.00	40.00	5.00	72.00	2.00
Soil	872467	19207	1.00	2.00	5.00	0.02	5.00	36.00	5.00	28.00	1.00
Soil	872468	19208	1.00	7.00	9.00	0.01	5.00	75.00	5.00	90.00	4.00
Soil	872469	19209	1.00	2.00	10.00	0.02	5.00	52.00	5.00	34.00	4.00
Soil	872470	19210	1.00	2.00	7.00	0.02	5.00	30.00	5.00	22.00	6.00
Soil	872471	19211	1.00	3.00	7.00	0.02	5.00	22.00	5.00	22.00	8.00
Soil	872472	19212	1.00	3.00	6.00	0.02	5.00	19.00	5.00	34.00	8.00
Soil	872475	19213	1.00	2.00	7.00	0.02	5.00	24.00	5.00	24.00	4.00
Soil	872476	19214	1.00	3.00	6.00	0.04	5.00	27.00	5.00	34.00	6.00
Soil	872477	19215	1.00	2.00	9.00	0.02	5.00	26.00	5.00	14.00	2.00
Soil	872478	19216	1.00	2.00	10.00	0.03	5.00	26.00	5.00	24.00	6.00
Soil	872479	19217	1.00	2.00	12.00	0.03	5.00	30.00	5.00	34.00	6.00
Soil	872480	19218	1.00	3.00	11.00	0.04	5.00	30.00	5.00	28.00	4.00
Soil	872481	19219	1.00	3.00	10.00	0.04	5.00	34.00	5.00	24.00	8.00
Soil	872482	19220	1.00	1.00	9.00	0.02	5.00	27.00	5.00	24.00	2.00
Soil	872483	19221	1.00	2.00	10.00	0.02	5.00	31.00	5.00	22.00	4.00
Soil	872484	19222	1.00	6.00	9.00	0.02	5.00	96.00	5.00	54.00	4.00
Soil	872485	19223	1.00	7.00	14.00	0.03	5.00	130.00	5.00	54.00	4.00
Soil	872486	19224	1.00	4.00	13.00	0.01	5.00	29.00	5.00	38.00	4.00
Soil	872487	19225	1.00	5.00	12.00	0.01	5.00	32.00	5.00	38.00	2.00
Soil	872488	19226	1.00	6.00	10.00	0.02	5.00	66.00	5.00	40.00	4.00
Soil	872489	19227	1.00	6.00	16.00	0.01	5.00	47.00	5.00	44.00	4.00
Soil	872490	19228	1.00	5.00	13.00	0.02	5.00	59.00	5.00	30.00	6.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	872491	19229	Thornapple Creek Road east depth 6"-18" hit bedrock no	313741	4983097		Moderately oxidized sandy till/overburden	9/16/2011	Aquila
Soil	872492	19230	Thornapple Creek Road east depth 18"-26" hit bedrock yes	313741	4983097		Moderately-strongly oxidized sil/clay with abundant blue, disintegrated rock fragments. Hit possible bedrock at 26".	9/16/2011	Aquila
Soil	872493	19231	Thornapple Creek Road east depth 6"-12" hit bedrock no	313753	4983206		Moderately oxidized silt/mud layer in the overburden	9/16/2011	Aquila
Soil	872494	19232	Thornapple Creek Road east depth 12"-36" hit bedrock no	313753	4983206		Strongly oxidized sandy till/overburden	9/16/2011	Aquila
Soil	872495	19233							Aquila
Soil	872496	19234							Aquila
Soil	872497	19235							Aquila
Soil	872498	19236							Aquila
Soil	872499	19026							Aquila
Soil	872500	19027							Aquila
Soil	AQA-18951	18951	County Rd Z south depth 9"-36" hit bedrock no	312696	4984197		claylike small pebbles frags strong oxidation	9/21/2011	Aquila
Soil	AQA-18952	18952	County Rd Z south depth 9"20" hit bedrock no	312813	4984197		light brown to red clay like mud sample very wet	9/21/2011	Aquila
Soil	AQA-18953	18953	County Rd Z south depth 20"-36" hit bedrock no	312813	4984197		dark grey-brown mud	9/21/2011	Aquila
Soil	AQA-18954	18954	County Rd Z south depth 20"-36" hit bedrock no	312913	4984114		mod-strong oxidation some disintigrated rock frags	9/21/2011	Aquila
Soil	AQA-18955	18955	County Rd Z south depth 12"36" hit bedrock no	313005	4984180		light to strong oxidationwith rock frags/pebbles	9/21/2011	Aquila
Soil	AQA-18956	18956	County Rd Z south depth 0"-6" hit bedrock yes	313163	4984175		topsoil	9/21/2011	Aquila
Soil	AQA-18957	18957	County Rd Z south depth 12"30" hit bedrock yes	313236	4984174		highly oxidized blue green rock frags regolith?	9/21/2011	Aquila
Soil	AQA-18958	18958	County Rd Z south depth 12"-32" hit bedrock yes	313329	4984176		rock pebbles on surface light oxidationpossibly disturbed soil from road many small pebbles about 1-2 cm	9/21/2011	Aquila
Soil	AQA-18959	18959	County Rd Z south depth 12"-36" hit bedrock no	313434	4984171		light to mod oxidation clay	9/21/2011	Aquila
Soil	AQA-18960	18960	County Rd Z south depth 24"-36" hit bedrock no	313528	4984176		light oxidation sandy	9/21/2011	Aquila
Soil	AQA-18961	18961	County Rd Z south depth 0"-12" hit bedrock yes	313627	4984168		topsoil sample taken from bottom of ditch	9/21/2011	Aquila
Soil	AQA-18962	18962	County Rd Z south depth 0"-6" hit bedrock yes	313721	4984163		sandy wet oxidized	9/21/2011	Aquila
Soil	AQA-18963	18963	County Rd Z south depth 12"-30" hit bedrock yes	313951	4984163		small pebbles at surface sandy lightly oxidized small rock frags at 24"	9/21/2011	Aquila
Soil	AQA-18964	18964	County Rd Z south depth 12"-32" hit bedrock yes?	314047	4984158		buried cable 100 meters west brown sandy pebbly mud	9/21/2011	Aquila
Soil	AQA-18965	18965	County Rd Z south depth 12"-36" hit bedrock no	314197	4984150		lightly to mod oxidizedcourse sand with pebbles/rock frags	9/21/2011	Aquila
Soil	AQA-18966	18966	County Rd Z south depth 6"36" hit bedrock no	314282	4984143			9/21/2011	Aquila
Soil	AQA-18968	18968	County Rd Z south depth 0"12" hit bedrock yes	314461	4984139		topsoil rock outcrop/bedrock	9/21/2011	Aquila
Soil	AQA-18969	18969	Forestville Road west depth 6"24" hit bedrock yes?	311668	4981086		sandy dark red, near surface rocks (4 cm), at 18"green disintigrated rock frags/pebbles	9/12/2011	Aquila
Soil	AQA-18970	18970	Forestville Road west depth 4"-12" hit bedrock yes	311669	4980995		lightly oxidized topsoil	9/12/2011	Aquila
Soil	AQA-18971	18971	Forestville Road west depth 12"-24" hit bedrock yes	311664	4980892		dark brown/red small green/red rock frags	9/12/2011	Aquila
Soil	AQA-18972	18972	Drill site area, profile samples east depth 36''-54'' hit bedrock no	311662	4980732		Oxidized Overburden/Regolith transition	9/22/2011	Aquila
Soil	AQA-18973	18973	Forestville Road west depth 4"-36" hit bedrock no	311658	4980668		dark red to light grey clay, green disintigrated rockfrags/stones green sandy layer at 24"	9/22/2011	Aquila
Soil	AQA-18974	18974	Forestville Road west depth 6"-36" hit bedrock no	311657	4980562		dark brown claydisintegrated rock frags/pebbles dark brown/red 24-36" saprolite?	9/22/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	872491	19229	Inspectorate		0.01	0.050	0.05	0.87	2.50	120.00	1.00	0.25	0.25	5.00	210.00	25.00	2.12	1.50	0.24	14.00	0.26	135.00	5.00	0.02	12.00	625.00	6.00
Soil	872492	19230	Inspectorate		0.00	0.200	0.20	0.69	5.00	70.00	4.00	0.19	0.25	6.00	238.00	56.00	3.06	1.50	0.24	10.00	0.25	120.00	6.00	0.01	14.00	655.00	4.00
Soil	872493	19231	Inspectorate		0.00	0.400	0.20	1.64	2.50	160.00	1.00	0.30	0.25	7.00	129.00	28.00	2.22	1.50	0.23	18.00	0.89	265.00	1.00	0.01	50.00	1555.00	8.00
Soil	872494	19232	Inspectorate		0.00	0.200	0.05	2.29	2.50	125.00	1.00	0.31	0.25	15.00	337.00	29.00	4.23	1.50	0.28	10.00	2.55	325.00	1.00	0.01	144.00	980.00	4.00
Soil	872495	19233	Inspectorate		0.00	0.050	0.05	1.12	2.50	105.00	4.00	0.21	0.25	10.00	98.00	23.00	1.95	1.50	0.17	16.00	0.35	255.00	2.00	0.02	12.00	575.00	6.00
Soil	872496	19234	Inspectorate		0.01	0.100	0.05	1.34	2.50	135.00	2.00	0.27	0.25	22.00	90.00	79.00	2.75	1.50	0.23	16.00	0.57	365.00	2.00	0.02	21.00	720.00	12.00
Soil	872497	19235	Inspectorate		0.00	0.050	0.05	0.84	10.00	100.00	2.00	0.17	0.25	10.00	86.00	16.00	1.52	1.50	0.15	14.00	0.25	265.00	2.00	0.02	10.00	575.00	8.00
Soil	872498	19236	Inspectorate		0.01	0.100	0.05	0.70	2.50	75.00	8.00	0.11	0.25	5.00	75.00	56.00	1.22	1.50	0.23	10.00	0.23	50.00	1.00	0.01	13.00	280.00	4.00
Soil	872499	19026	Inspectorate		0.02	0.100	0.05	0.84	2.50	90.00	1.00	0.18	0.25	15.00	94.00	24.00	2.35	1.50	0.26	14.00	0.35	310.00	2.00	0.01	23.00	545.00	4.00
Soil	872500	19027	Inspectorate		0.00	0.300	0.20	1.19	2.50	85.00	1.00	0.37	0.25	12.00	136.00	51.00	1.93	3.00	0.10	8.00	0.45	350.00	3.00	0.03	18.00	590.00	8.00
Soil	AQA-18951	18951	Inspectorate	3	0.00	0.05	0.05	0.91	2.50	85.00	1.00	0.10	0.25	5.00	82.00	18.00	1.52	1.50	0.12	16.00	0.26	215.00	2.00	0.03	11.00	300.00	5.00
Soil	AQA-18952	18952	Inspectorate	3	0.00	0.050	0.05	0.80	5.00	85.00	1.00	0.06	0.25	8.00	110.00	11.00	1.60	1.50	0.11	12.00	0.19	465.00	3.00	0.03	8.00	350.00	7.00
Soil	AQA-18953	18953	Inspectorate	3	0.00	0.050	0.05	0.72	2.50	75.00	1.00	0.09	0.25	9.00	65.00	11.00	0.97	1.50	0.10	14.00	0.16	355.00	1.00	0.02	7.00	215.00	5.00
Soil	AQA-18954	18954	Inspectorate	3	0.00	0.050	0.05	0.89	5.00	115.00	1.00	0.08	0.25	7.00	88.00	19.00	1.74	1.50	0.10	10.00	0.29	230.00	2.00	0.02	8.00	320.00	2.00
Soil	AQA-18955	18955	Inspectorate	3	0.00	0.050	0.05	1.03	5.00	110.00	1.00	0.07	0.25	6.00	85.00	18.00	1.75	1.50	0.09	10.00	0.38	205.00	2.00	0.02	9.00	320.00	2.00
Soil	AQA-18956	18956	Inspectorate	5	0.01	0.050	0.05	1.40	2.50	185.00	1.00	0.27	0.25	11.00	901.00	51.00	2.11	1.50	0.19	10.00	0.31	765.00	25.00	0.06	24.00	470.00	14.00
Soil	AQA-18957	18957	Inspectorate	3	0.00	0.050	0.05	1.32	2.50	110.00	1.00	0.14	0.25	11.00	73.00	47.00	1.36	1.50	0.05	4.00	0.53	330.00	1.00	0.04	13.00	240.00	1.00
Soil	AQA-18958	18958	Inspectorate	8	0.01	0.050	0.05	0.96	2.50	90.00	1.00	0.09	0.25	9.00	142.00	17.00	1.58	1.50	0.09	10.00	0.28	425.00	3.00	0.04	11.00	330.00	5.00
Soil	AQA-18959	18959	Inspectorate	14	0.01	0.050	0.05	1.01	2.50	105.00	1.00	0.09	0.25	8.00	128.00	23.00	1.92	1.50	0.14	10.00	0.32	395.00	3.00	0.04	9.00	380.00	5.00
Soil	AQA-18960	18960	Inspectorate	3	0.00	0.050	0.05	0.95	5.00	110.00	1.00	0.09	0.25	9.00	60.00	11.00	1.65	1.50	0.10	10.00	0.25	460.00	1.00	0.04	9.00	560.00	5.00
Soil	AQA-18961	18961	Inspectorate	3	0.00	0.050	0.05	1.75	2.50	135.00	1.00	0.07	0.25	9.00	165.00	30.00	2.77	1.50	0.16	22.00	0.91	230.00	3.00	0.04	9.00	500.00	1.00
Soil	AQA-18962	18962	Inspectorate	3	0.00	0.050	0.05	1.17	2.50	105.00	1.00	0.12	0.25	6.00	809.00	17.00	2.26	1.50	0.31	22.00	0.35	335.00	22.00	0.06	17.00	410.00	17.00
Soil	AQA-18963	18963	Inspectorate	3	0.00	0.050	0.05	0.61	2.50	60.00	1.00	0.10	0.25	6.00	183.00	12.00	1.17	1.50	0.09	12.00	0.20	315.00	4.00	0.02	11.00	335.00	2.00
Soil	AQA-18964	18964	Inspectorate	3	0.00	0.050	0.05	0.60	2.50	55.00	1.00	0.08	0.25	6.00	214.00	12.00	1.23	1.50	0.11	12.00	0.21	225.00	5.00	0.03	10.00	305.00	2.00
Soil	AQA-18965	18965	Inspectorate	3	0.00	0.050	0.05	0.68	2.50	50.00	1.00	0.08	0.25	5.00	141.00	11.00	1.00	1.50	0.10	14.00	0.21	75.00	3.00	0.04	9.00	210.00	5.00
Soil	AQA-18966	18966	Inspectorate	3	0.00	0.050	0.05	1.19	2.50	80.00	1.00	0.10	0.25	5.00	71.00	18.00	1.27	1.50	0.15	8.00	0.54	190.00	1.00	0.03	4.00	190.00	36.00
Soil	AQA-18968	18968	Inspectorate	3	0.00	0.050	0.05	1.19	2.50	85.00	1.00	0.14	0.25	9.00	203.00	52.00	1.68	1.50	0.10	10.00	0.32	580.00	5.00	0.04	12.00	390.00	14.00
Soil	AQA-18969	18969	Inspectorate	43	0.04	0.050	0.05	1.15	2.50	195.00	1.00	0.15	0.25	23.00	159.00	1385.00	2.04	1.50	0.14	8.00	0.69	780.00	5.00	0.02	22.00	355.00	5.00
Soil	AQA-18970	18970	Inspectorate	105	0.11	0.050	0.05	0.80	2.50	90.00	1.00	0.11	0.25	8.00	203.00	64.00	1.94	1.50	0.10	12.00	0.25	165.00	5.00	0.02	9.00	490.00	2.00
Soil	AQA-18971	18971	Inspectorate	3	0.00	0.050	0.05	0.91	2.50	130.00	1.00	0.13	0.25	10.00	124.00	72.00	1.90	1.50	0.07	14.00	0.31	170.00	4.00	0.01	9.00	445.00	1.00
Soil	AQA-18972	18972	Inspectorate	6	0.01	0.100	0.05	0.46	2.50	85.00	1.00	0.11	0.25	13.00	226.00	117.00	1.27	1.50	0.08	6.00	0.27	220.00	6.00	0.01	11.00	315.00	1.00
Soil	AQA-18973	18973	Inspectorate	3	0.00	0.100	0.05	0.73	5.00	100.00	1.00	0.10	0.25	11.00	106.00	47.00	1.42	1.50	0.12	12.00	0.26	135.00	7.00	0.01	11.00	205.00	2.00
Soil	AQA-18974	18974	Inspectorate	24	0.02	0.100	0.05	1.20	5.00	80.00	1.00	0.15	0.25	17.00	79.00	103.00	2.61	1.50	0.11	10.00	0.91	345.00	0.50	0.01	18.00	365.00	1.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	872491	19229	1.00	4.00	12.00	0.01	5.00	36.00	5.00	28.00	2.00
Soil	872492	19230	1.00	4.00	8.00	0.01	5.00	43.00	5.00	22.00	6.00
Soil	872493	19231	1.00	4.00	14.00	0.01	5.00	28.00	5.00	62.00	4.00
Soil	872494	19232	1.00	6.00	13.00	0.01	5.00	44.00	5.00	86.00	4.00
Soil	872495	19233	1.00	5.00	11.00	0.02	5.00	44.00	5.00	28.00	4.00
Soil	872496	19234	1.00	8.00	11.00	0.04	5.00	66.00	5.00	58.00	16.00
Soil	872497	19235	1.00	3.00	10.00	0.02	5.00	33.00	5.00	24.00	4.00
Soil	872498	19236	1.00	5.00	6.00	0.01	5.00	37.00	5.00	14.00	8.00
Soil	872499	19026	1.00	5.00	8.00	0.02	5.00	47.00	5.00	20.00	4.00
Soil	872500	19027	1.00	5.00	13.00	0.05	5.00	49.00	25.00	32.00	4.00
Soil	AQA-18951	18951	1.00	3.00	8.00	0.02	5.00	35.00	5.00	29.00	6.00
Soil	AQA-18952	18952	1.00	3.00	6.00	0.02	5.00	31.00	5.00	23.00	4.00
Soil	AQA-18953	18953	1.00	4.00	8.00	0.01	5.00	20.00	5.00	18.00	6.00
Soil	AQA-18954	18954	1.00	4.00	8.00	0.03	5.00	35.00	5.00	31.00	4.00
Soil	AQA-18955	18955	1.00	5.00	8.00	0.03	5.00	33.00	5.00	26.00	6.00
Soil	AQA-18956	18956	1.00	3.00	20.00	0.03	5.00	34.00	5.00	57.00	2.00
Soil	AQA-18957	18957	1.00	4.00	11.00	0.02	5.00	34.00	5.00	23.00	1.00
Soil	AQA-18958	18958	1.00	2.00	9.00	0.03	5.00	37.00	5.00	29.00	1.00
Soil	AQA-18959	18959	1.00	5.00	9.00	0.04	5.00	52.00	5.00	29.00	2.00
Soil	AQA-18960	18960	1.00	3.00	11.00	0.02	5.00	32.00	5.00	42.00	1.00
Soil	AQA-18961	18961	1.00	8.00	8.00	0.06	5.00	68.00	5.00	49.00	10.00
Soil	AQA-18962	18962	1.00	3.00	13.00	0.04	5.00	29.00	5.00	47.00	4.00
Soil	AQA-18963	18963	1.00	3.00	8.00	0.03	5.00	27.00	5.00	18.00	8.00
Soil	AQA-18964	18964	1.00	3.00	8.00	0.03	5.00	26.00	5.00	18.00	12.00
Soil	AQA-18965	18965	1.00	3.00	8.00	0.02	5.00	26.00	5.00	18.00	10.00
Soil	AQA-18966	18966	1.00	9.00	9.00	0.03	5.00	17.00	5.00	60.00	6.00
Soil	AQA-18968	18968	1.00	2.00	8.00	0.02	5.00	43.00	5.00	57.00	1.00
Soil	AQA-18969	18969	1.00	5.00	9.00	0.05	5.00	52.00	5.00	29.00	6.00
Soil	AQA-18970	18970	1.00	4.00	7.00	0.04	5.00	55.00	5.00	21.00	6.00
Soil	AQA-18971	18971	1.00	5.00	7.00	0.03	5.00	66.00	5.00	23.00	10.00
Soil	AQA-18972	18972	1.00	2.00	4.00	0.02	5.00	33.00	5.00	13.00	6.00
Soil	AQA-18973	18973	1.00	4.00	7.00	0.02	5.00	34.00	5.00	18.00	12.00
Soil	AQA-18974	18974	1.00	8.00	9.00	0.03	5.00	65.00	5.00	34.00	6.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-18975	18975	Forestville Road west depth 6"-30" hit bedrock yes	311651	4980470		clay with green oxidation,rock frags, at 12"bright orange/red, at 18" mostly green some purple to 30"	9/22/2011	Aquila
Soil	AQA-18976	18976	Forestville Road west depth 6"-12" hit bedrock yes	311654	4980367		drainfield (shitter) drains into ditch, light brown sandy soil	9/22/2011	Aquila
Soil	AQA-18977	18977	Forestville Road west depth 6"-34" hit bedrock yes	311647	4980248		bright red/orange with 1cm green rock frags/pebbles	9/22/2011	Aquila
Soil	AQA-18978	18978	Forestville Road west depth 4"12" hit bedrock yes	311643	4980124		green blue clay, larg fist sized rocks/gravel at surface/quartz rocks	9/22/2011	Aquila
Soil	AQA-18979	18979	Forestville Road west depth 7"-24" hit bedrock yes	311642	4980027		sample is mostly green w dark grey clay	9/22/2011	Aquila
Soil	AQA-18980	18980	Forestville Road west depth 3"-36" hit bedrock no	311640	4979924		bright red/orange clay saprolite ? Light green at 24"	9/22/2011	Aquila
Soil	AQA-18981	18981	Forestville Road west depth 4"-36" hit bedrock no	311636	4979813		small pebbles at surface, dark grey green mud/clay dark red/orange at 30-36"	9/22/2011	Aquila
Soil	AQA-18982	18982	Forestville Road west depth 6"-30" hit bedrock yes	311635	4979720		large rocks/gravel at surface, dark red heavely oxidized sand, 24"to 30"green sandy soil	9/22/2011	Aquila
Soil	AQA-18983	18983	Forestville Road west depth 0"-16" hit bedrock yes?	311633	4979622		red /grey lightly oxidized pebbles	9/22/2011	Aquila
Soil	AQA-18984	18984	Forestville Road west depth 4"-20" hit bedrock yes?	311633	4979523		highly oxidized blue green clay rock frags/pebbles	9/22/2011	Aquila
Soil	AQA-18985	18985	Forestville Road west depth hit bedrock	311635	4979720			9/22/2011	Aquila
Soil	AQA-18986	18986	Pleasant View east depth 9"-24" hit bedrock yes	316144	4984324		light to mod oxidation dark grey clay sample wet	9/23/2011	Aquila
Soil	AQA-18987	18987	Forestville Road west depth 6"-16" hit bedrock yes	311615	4979385		brown clay with green stones wet sample	9/23/2011	Aquila
Soil	AQA-18988	18988	Forestville Road west depth 3"24" hit bedrock yes	311614	4979305		green/dark brown clay pebbles/stones/rock frags gravel at surface	9/23/2011	Aquila
Soil	AQA-18989	18989	Forestville Road west depth 16"-34" hit bedrock yes	311609	4979186		dark brown mod to highly oxidized green stones/rock frags, highly oxidized at 30"-34"with many green rock frags pebbles	9/23/2011	Aquila
Soil	AQA-18990	18990	Forestville Road west depth 12"-18" hit bedrock yes	311612	4979081		light brown mud	9/23/2011	Aquila
Soil	AQA-18991	18991	Forestville Rd West depth 12"-28 hit bedrock yes?	311612	4979076		Highly oxidized clay with rock fragments present; at 24" dissintigrated rock fragments; hit rock at 28"	9/28/2011	Aquila
Soil	AQA-18992	18992	Forestville Rd West depth 6"-34" hit bedrock yes?	311609	4978981		green rock fragments; moderatly to strongly oxidized; at 24" strongly oxidized and stlightly darker with grey green rock fragments; at 30" dissintigrated green and white rock fragments; hit rock/bedrock? At 34".	9/28/2011	Aquila
Soil	AQA-18993	18993	Forestville Rd West depth 4"-26" hit bedrock yes?	311610	4978864		Lightly oxidized light brown; at 18" moderatly sandy to medium brown with few small green rock fragments;	9/28/2011	Aquila
Soil	AQA-18994	18994	Forestville Rd West depth 12"-18" hit bedrock yes?	311606	4978782		light brown clayey sand and top soil; lightly oxidized	9/28/2011	Aquila
Soil	AQA-18995	18995	Forestville Rd West depth 0"-14" hit bedrock yes?	311609	4978687		medium brown clayey sand with small pebbles; one 2cm sized pebble; little to no oxidation	9/28/2011	Aquila
Soil	AQA-18996	18996	Forestville Rd West depth 3"-6" hit bedrock ?	311608	4978629		light brown wet sandy mud; lightly oxidized	9/28/2011	Aquila
Soil	AQA-18997	18997	Forestville Rd West depth 12"-36" hit bedrock no	311603	4978521		Mud and very fine sand; light-medium oxidized; becomes dark-black with increasing depth; at 24" changes to firm brownish grey clay with very fine sand; few grey green rock fragments	9/28/2011	Aquila
Soil	AQA-18998	18998	Forestville Rd West depth 6"-28" hit bedrock yes	311607	4978422		rusty brown-orange; moderatly sandy clay; medium-lightly oxidized with few rock fragments and pebbles; fragments increasing with depth; at 15" heavily oxidized.	9/28/2011	Aquila
Soil	AQA-18999	18999	Forestville Rd West depth 4"-24" hit bedrock yes	311610	4978313		Light-no oxidation; medium brown clayey sand; few grey disintigrated rock fragments; at 24" becomes compact and crumbly	9/28/2011	Aquila
Soil	AQA-19000	19000	Forestville Rd West depth 8"-24" hit bedrock yes	311609	4978212		moderate to strong oxidation; grey brown clay with few grey green rock fragments and pebbles; disintigrated rock fragments at 18"; some rocks about 2cm across.	9/28/2011	Aquila
Soil	AQA-19001	19001	Forestville Rd West depth 4"-22" hit bedrock yes	311610	4978117		light-moderatly oxidized sand; disintigrated rock fragments and pebbles; clay present at 18" and highly oxidized.	9/28/2011	Aquila
Soil	AQA-19002	19002	Forestville Rd West depth 9"-36" hit bedrock no	311606	4978004		dark brown clayey mud; light oxidation; standing water in ditch; disintigrated rock fragments at 18" and moderatly oxidized; at 24" coarse sand.	9/28/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-18975	18975	Inspectorate	15	0.02	1.300	1.50	1.74	15.00	175.00	1.00	0.38	0.25	47.00	43.00	2605.00	4.16	1.50	0.09	4.00	1.48	1075.00	0.50	0.01	33.00	545.00	1.00
Soil	AQA-18976	18976	Inspectorate	3	0.00	0.050	0.10	1.51	20.00	75.00	2.00	0.12	0.25	12.00	150.00	173.00	3.12	1.50	0.09	4.00	0.66	240.00	4.00	0.02	13.00	365.00	1.00
Soil	AQA-18977	18977	Inspectorate	3	0.00	0.200	0.05	1.10	10.00	90.00	2.00	0.12	0.25	14.00	96.00	229.00	3.39	1.50	0.02	8.00	0.50	165.00	1.00	0.02	18.00	430.00	1.00
Soil	AQA-18978	18978	Inspectorate	11	0.01	0.200	0.05	1.02	2.50	125.00	1.00	0.16	0.25	15.00	114.00	68.00	1.43	1.50	0.03	6.00	0.50	125.00	1.00	0.01	13.00	185.00	2.00
Soil	AQA-18979	18979	Inspectorate	3	0.00	0.050	0.05	0.83	2.50	75.00	1.00	0.18	0.25	8.00	60.00	34.00	0.94	1.50	0.04	6.00	0.25	95.00	0.50	0.01	7.00	180.00	1.00
Soil	AQA-18980	18980	Inspectorate	57	0.06	0.050	0.05	2.10	5.00	110.00	1.00	0.35	0.25	30.00	105.00	48.00	4.33	1.50	0.15	12.00	1.72	260.00	0.50	0.01	26.00	775.00	1.00
Soil	AQA-18981	18981	Inspectorate	32	0.03	0.050	0.05	0.85	2.50	70.00	1.00	0.14	0.25	8.00	84.00	34.00	1.13	1.50	0.12	8.00	0.42	60.00	0.50	0.01	16.00	150.00	1.00
Soil	AQA-18982	18982	Inspectorate	3	0.00	0.050	0.05	1.96	5.00	155.00	1.00	0.24	0.25	38.00	178.00	80.00	4.21	1.50	0.27	6.00	1.43	460.00	0.50	0.01	57.00	390.00	1.00
Soil	AQA-18983	18983	Inspectorate	3	0.00	0.100	0.05	0.80	2.50	90.00	1.00	0.12	0.25	9.00	90.00	17.00	1.36	1.50	0.08	10.00	0.21	400.00	1.00	0.01	9.00	325.00	2.00
Soil	AQA-18984	18984	Inspectorate	3	0.00	0.050	0.05	1.26	2.50	115.00	1.00	0.15	0.25	18.00	127.00	67.00	1.85	1.50	0.04	8.00	0.47	225.00	0.50	0.01	11.00	220.00	5.00
Soil	AQA-18985	18985	Inspectorate	3	0.00	0.050	0.05	0.07	2.50	5.00	1.00	0.01	0.25	0.50	339.00	4.00	0.31	1.50	0.01	1.00	0.01	30.00	8.00	0.01	6.00	10.00	1.00
Soil	AQA-18986	18986	Inspectorate	3	0.00	0.050	0.05	0.66	2.50	165.00	1.00	0.17	0.25	4.00	89.00	14.00	0.73	1.50	0.14	22.00	0.20	110.00	2.00	0.02	8.00	310.00	5.00
Soil	AQA-18987	18987	Inspectorate	3	0.00	0.050	0.05	1.45	2.50	120.00	1.00	0.17	0.25	13.00	136.00	84.00	2.62	1.50	0.02	8.00	0.46	155.00	2.00	0.01	12.00	325.00	1.00
Soil	AQA-18988	18988	Inspectorate	3	0.00	0.050	0.05	1.08	2.50	145.00	1.00	0.13	0.25	16.00	76.00	51.00	1.56	1.50	0.02	6.00	0.21	175.00	0.50	0.01	8.00	185.00	1.00
Soil	AQA-18989	18989	Inspectorate	3	0.00	0.050	0.05	1.06	2.50	45.00	1.00	0.16	0.25	21.00	130.00	72.00	1.73	1.50	0.02	8.00	0.52	445.00	2.00	0.01	13.00	220.00	1.00
Soil	AQA-18990	18990	Inspectorate	3	0.00	0.050	0.05	0.96	2.50	65.00	1.00	0.12	0.25	6.00	312.00	14.00	1.61	1.50	0.11	10.00	0.27	270.00	8.00	0.03	19.00	220.00	2.00
Soil	AQA-18991	18991	Inspectorate	3	0.00	0.200	0.05	0.73	2.50	45.00	1.00	0.18	0.25	8.00	177.00	35.00	1.72	1.50	0.07	8.00	0.21	400.00	3.00	0.01	12.00	220.00	6.00
Soil	AQA-18992	18992	Inspectorate	3	0.00	0.050	0.05	1.65	2.50	95.00	1.00	0.28	0.50	41.00	176.00	116.00	3.97	1.50	0.01	6.00	0.40	1385.00	0.50	0.02	17.00	280.00	4.00
Soil	AQA-18993	18993	Inspectorate	3	0.00	0.050	0.05	0.72	2.50	55.00	1.00	0.14	0.25	11.00	203.00	25.00	1.65	1.50	0.08	6.00	0.20	390.00	4.00	0.01	12.00	210.00	4.00
Soil	AQA-18994	18994	Inspectorate	3	0.00	0.300	0.05	0.97	2.50	70.00	1.00	0.26	0.25	21.00	210.00	64.00	2.00	1.50	0.07	6.00	0.30	480.00	4.00	0.02	15.00	245.00	8.00
Soil	AQA-18995	18995	Inspectorate	3	0.00	0.050	0.05	0.67	2.50	60.00	1.00	0.78	0.50	7.00	288.00	25.00	1.83	1.50	0.20	30.00	0.52	325.00	6.00	0.03	12.00	425.00	8.00
Soil	AQA-18996	18996	Inspectorate	3	0.00	0.050	0.05	0.78	2.50	60.00	1.00	0.23	0.25	11.00	300.00	29.00	1.70	1.50	0.08	8.00	0.28	420.00	6.00	0.02	15.00	235.00	8.00
Soil	AQA-18997	18997	Inspectorate	3	0.00	0.200	0.05	0.82	2.50	85.00	1.00	0.23	0.50	12.00	142.00	18.00	2.32	1.50	0.07	10.00	0.21	780.00	2.00	0.02	9.00	820.00	10.00
Soil	AQA-18998	18998	Inspectorate	3	0.00	0.050	0.05	0.93	2.50	70.00	1.00	0.20	0.25	18.00	129.00	65.00	2.64	1.50	0.07	8.00	0.37	340.00	2.00	0.02	14.00	330.00	6.00
Soil	AQA-18999	18999	Inspectorate	3	0.00	0.050	0.05	1.12	2.50	80.00	1.00	0.22	0.50	18.00	155.00	61.00	2.71	1.50	0.10	6.00	0.37	270.00	3.00	0.02	12.00	290.00	4.00
Soil	AQA-19000	19000	Inspectorate	3	0.00	0.050	0.05	0.85	2.50	60.00	1.00	0.24	0.25	14.00	108.00	35.00	2.62	1.50	0.07	10.00	0.19	340.00	2.00	0.02	8.00	575.00	6.00
Soil	AQA-19001	19001	Inspectorate	3	0.00	0.050	0.05	1.05	2.50	100.00	1.00	0.23	0.25	27.00	137.00	70.00	2.66	1.50	0.07	10.00	0.36	550.00	2.00	0.02	29.00	330.00	4.00
Soil	AQA-19002	19002	Inspectorate	3	0.00	0.050	0.05	0.83	2.50	90.00	1.00	0.16	0.25	8.00	137.00	19.00	2.41	1.50	0.19	12.00	0.23	255.00	2.00	0.01	8.00	540.00	6.00

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-18975	18975	1.00	14.00	16.00	0.02	5.00	102.00	5.00	42.00	4.00
Soil	AQA-18976	18976	1.00	4.00	6.00	0.10	5.00	92.00	5.00	39.00	2.00
Soil	AQA-18977	18977	1.00	8.00	6.00	0.07	5.00	88.00	5.00	26.00	6.00
Soil	AQA-18978	18978	1.00	5.00	7.00	0.02	5.00	37.00	5.00	29.00	4.00
Soil	AQA-18979	18979	1.00	7.00	10.00	0.01	5.00	31.00	5.00	21.00	1.00
Soil	AQA-18980	18980	1.00	14.00	14.00	0.04	5.00	124.00	5.00	94.00	6.00
Soil	AQA-18981	18981	1.00	8.00	8.00	0.01	5.00	34.00	5.00	36.00	4.00
Soil	AQA-18982	18982	1.00	11.00	10.00	0.06	5.00	96.00	5.00	70.00	4.00
Soil	AQA-18983	18983	1.00	4.00	9.00	0.01	5.00	33.00	5.00	26.00	4.00
Soil	AQA-18984	18984	1.00	11.00	8.00	0.04	5.00	68.00	5.00	44.00	4.00
Soil	AQA-18985	18985	1.00	0.50	0.50	0.01	5.00	2.00	5.00	1.00	1.00
Soil	AQA-18986	18986	1.00	3.00	18.00	0.01	5.00	18.00	5.00	52.00	4.00
Soil	AQA-18987	18987	1.00	4.00	6.00	0.05	5.00	76.00	5.00	36.00	4.00
Soil	AQA-18988	18988	1.00	6.00	7.00	0.01	5.00	47.00	5.00	13.00	2.00
Soil	AQA-18989	18989	1.00	8.00	7.00	0.03	5.00	60.00	5.00	29.00	1.00
Soil	AQA-18990	18990	1.00	3.00	8.00	0.04	5.00	34.00	5.00	26.00	2.00
Soil	AQA-18991	18991	1.00	3.00	6.00	0.03	5.00	43.00	5.00	29.00	1.00
Soil	AQA-18992	18992	1.00	15.00	10.00	0.07	5.00	159.00	5.00	36.00	4.00
Soil	AQA-18993	18993	1.00	3.00	6.00	0.03	5.00	45.00	5.00	29.00	2.00
Soil	AQA-18994	18994	1.00	3.00	8.00	0.04	5.00	62.00	5.00	53.00	1.00
Soil	AQA-18995	18995	1.00	2.00	9.00	0.04	5.00	32.00	5.00	108.00	2.00
Soil	AQA-18996	18996	1.00	2.00	6.00	0.03	5.00	41.00	5.00	48.00	1.00
Soil	AQA-18997	18997	1.00	3.00	8.00	0.02	5.00	52.00	5.00	60.00	1.00
Soil	AQA-18998	18998	1.00	6.00	6.00	0.04	5.00	79.00	5.00	70.00	6.00
Soil	AQA-18999	18999	1.00	5.00	6.00	0.05	5.00	75.00	5.00	185.00	6.00
Soil	AQA-19000	19000	1.00	6.00	8.00	0.02	5.00	68.00	5.00	41.00	4.00
Soil	AQA-19001	19001	1.00	8.00	8.00	0.05	5.00	77.00	5.00	53.00	6.00
Soil	AQA-19002	19002	1.00	3.00	8.00	0.02	5.00	38.00	5.00	60.00	2.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-19003	19003	Forestville Rd West depth 3"-36" hit bedrock no	311607	4977801		moderatly dark-medium brown muddy clay; at 18" red saprolite clay	9/28/2011	Aquila
Soil	AQA-19004	19004	Forestville Rd West depth 6"-14" hit bedrock yes?	311606	4977716		lightly oxidized; light brown clayey sand; very wet; one 1cm pebble	9/28/2011	Aquila
Soil	AQA-19005	19005	Forestville Rd West depth 12"-36" hit bedrock no	311602	4977609		grey clay; light-moderatly oxidized; at 18"clayey sand with disintigrated rock fragments; very wet.	9/28/2011	Aquila
Soil	AQA-19006	19006	Forestville Rd West depth 3"-36" hit bedrock no	311607	4977512		clayey coarse sand; light brown with occassional grey clay streaks and orange oxidation; at 18" thin layer of red clay; sandy to bottom.	9/28/2011	Aquila
Soil	AQA-19007	19007	Forestville Rd West depth 0"-36" hit bedrock no	311601	4977414		wet mud; light brown; at 6" strongly oxidized and red-orange; tan and green disintigrated rocks; at 13" red clay.	9/28/2011	Aquila
Soil	AQA-19008	19008	Forestville Rd West depth 16"-36" hit bedrock no	311594	4977233		dark brown mud; lightly oxidized; at 20" grey clayey sand; minor red clay at bottom of sample.	9/28/2011	Aquila
Soil	AQA-19009	19009	Forestville Rd West depth 12"-36" hit bedrock no	311591	4977128		grey lightly oxidized clay; standing water; small pebbles at 24"	9/28/2011	Aquila
Soil	AQA-19010	19010	Forestville Rd West depth 6"-36" hit bedrock no	311587	4977015		standing water; black grey mud; at 24" small pebbles; at 30" small rock fragments.	9/28/2011	Aquila
Soil	AQA-19011	19011	Forestville Rd West depth 18"-36" hit bedrock no	311585	4976915		standing water; dark grey-black clay with small pebbles; at 22" moderatly oxidized and becoming more sandy with depth.	9/28/2011	Aquila
Soil	AQA-19012	19012	Forestville Rd West depth 12"-36" hit bedrock no	311584	4976796		very wet; very dark-black muddy clay; at 15" changes to light firm grey clay and becomes moderatly oxidized.	9/28/2011	Aquila
Soil	AQA-19013	19013	Forestville Rd West depth 15"-36" hit bedrock no	311575	4976634		muddy grey clay; moderatly oxidized with light orange streaks; at 20" reddish orange, becomes strongly oxidized and moderatly sandy.	9/28/2011	Aquila
Soil	AQA-19014	19014	Forestville Rd West depth 3"-36" hit bedrock yes	311574	4976535		moderatly oxidized brown-orange mud; at 12" disintigrated green rock fragments; at 24: mostly grey clay with disintigrated green-grey rock fragments	9/28/2011	Aquila
Soil	AQA-19015	19015	Forestville Rd West depth 10"-30" hit bedrock yes	311571	4976429		wet muddy sand; light-moderate oxidation; medium brrown; at 18" strong oxidation and reddish orange-maroon with small rock fragments; at 30" slight color change to purplish-red.	9/28/2011	Aquila
Soil	AQA-19016	19016	Thornapple Creek Road east depth 12"-24" hit bedrock no	313338	4982964		Highly oxidized sand with few blue rock fragments	9/15/2011	Aquila
Soil	AQA-19017	19017	Cherry Rd North depth 8"-36" hit bedrock no	311535	4976278		Light brown to grey muddy clay; at 12" all grey clay moderatly oxidized with orange streaks; at 25" sandy clay; at 30 regolith in sample	9/29/2011	Aquila
Soil	AQA-19018	19018	Cherry Rd North depth 8"-20" hit bedrock ?	311429	4976289		grey to brown moderatly oxidized clay; at 16" green regolith in sample	9/29/2011	Aquila
Soil	AQA-19019	19019	Cherry Rd North depth 6"-33" hit bedrock no	311324	4976299		dark brown mud to sandy brown mud at 10", increasing green regolith with depth until too difficult to auger.	9/29/2011	Aquila
Soil	AQA-19020	19020	Cherry Rd North depth 3"-30" hit bedrock yes?	311020	4976324		light brown to grey sandy clay; moderatly oxidized; at 18" clayey sand and medium to light brown	9/29/2011	Aquila
Soil	AQA-19021	19021	Cherry Rd North depth 3"-36" hit bedrock no	310927	4976332		grey clay and lightly oxidized green regolith in sample after 8"	9/29/2011	Aquila
Soil	AQA-19022	19022	Cherry Rd North depth 4"-36" hit bedrock no	310815	4976343		orange-brown to grey sandy clay; disintigrated rock after 18"	9/29/2011	Aquila
Soil	AQA-19023	19023	Cherry Rd North depth 6"-36" hit bedrock no	310719	4976353		brown to grey sandy clay few disintigrated rock near bottom of sample	9/29/2011	Aquila
Soil	AQA-19024	19024	Cherry Rd North depth 0"-12" hit bedrock yes?	310602	4976353		medium brown to black sandy clay and topsoil	9/29/2011	Aquila
Soil	AQA-19025	19025	Cherry Rd North depth 0"-18" hit bedrock yes	310491	4976359		dry medium brown muddy sand; regolith and light oxidation in sample	9/29/2011	Aquila
Soil	AQA-19026	19026	Cherry Rd North depth 8"-30" hit bedrock yes	310340	4976364		strongly oxidized brown to orange sand; increasing green regolith with depth	9/29/2011	Aquila
Soil	AQA-19027	19027	Cherry Rd North depth 2"-36" hit bedrock no	310225	4976369		medium orange to brown silt sized mud and or clay; dry sample; green regolith increasing with depth	9/29/2011	Aquila
Soil	AQA-19028	19028	Cherry Rd North depth 6"-36" hit bedrock no	310126	4976375		medium brown to orange moderatly oxidized mud; sample wetter sample than previous	9/29/2011	Aquila
Soil	AQA-19029	19029	Townhall Rd east depth 6"-13" hit bedrock yes?	308406	4977942		medium brown muddy sand; few pebbles throughout	10/1/2011	Aquila
Soil	AQA-19030	19030	Townhall Rd west depth 6"-30" hit bedrock no?	308391	4977238		medium brown wed stand; moderat to strong oxidation; 30" hit boulder	10/2/2011	Aquila
Soil	AQA-19031	19031	Townhall Rd west depth 6"-34" hit bedrock yes?	308387	4977132		medium brown muddy sand; after 13" small green pebbles; at 24" sandy clay and green regolith; hit bedrock at 34"	10/2/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-19003	19003	Inspectorate	3	0.00	0.050	0.05	0.84	2.50	55.00	1.00	0.19	0.50	7.00	93.00	11.00	3.65	1.50	0.16	10.00	0.19	125.00	0.50	0.01	8.00	935.00	6.00
Soil	AQA-19004	19004	Inspectorate	3	0.00	0.200	0.05	0.65	2.50	75.00	1.00	0.14	0.25	10.00	243.00	22.00	1.51	1.50	0.07	8.00	0.16	215.00	5.00	0.02	13.00	215.00	2.00
Soil	AQA-19005	19005	Inspectorate	3	0.00	0.100	0.05	1.06	2.50	130.00	1.00	0.32	0.25	12.00	98.00	22.00	2.23	1.50	0.14	10.00	0.27	190.00	1.00	0.02	7.00	940.00	1.00
Soil	AQA-19006	19006	Inspectorate	3	0.00	0.100	0.05	0.65	2.50	55.00	2.00	0.09	0.25	8.00	172.00	10.00	1.80	1.50	0.11	8.00	0.21	235.00	3.00	0.01	13.00	235.00	4.00
Soil	AQA-19007	19007	Inspectorate	3	0.00	0.400	0.05	1.06	2.50	60.00	1.00	0.12	0.50	6.00	118.00	16.00	2.64	1.50	0.19	10.00	0.37	150.00	2.00	0.01	8.00	255.00	1.00
Soil	AQA-19008	19008	Inspectorate	3	0.00	0.050	0.05	0.71	2.50	80.00	1.00	0.21	0.25	12.00	147.00	14.00	1.69	1.50	0.16	12.00	0.27	265.00	2.00	0.01	15.00	325.00	6.00
Soil	AQA-19009	19009	Inspectorate	3	0.00	0.050	0.05	0.64	2.50	100.00	1.00	0.19	0.25	5.00	150.00	11.00	1.50	1.50	0.09	12.00	0.16	145.00	3.00	0.01	10.00	470.00	8.00
Soil	AQA-19010	19010	Inspectorate	3	0.00	0.050	0.05	0.63	2.50	70.00	1.00	0.22	0.25	8.00	148.00	19.00	1.16	1.50	0.09	10.00	0.18	130.00	3.00	0.02	11.00	320.00	6.00
Soil	AQA-19011	19011	Inspectorate	3	0.00	0.200	0.05	0.54	2.50	60.00	1.00	0.16	0.25	5.00	209.00	8.00	1.06	1.50	0.10	12.00	0.14	105.00	4.00	0.02	9.00	255.00	4.00
Soil	AQA-19012	19012	Inspectorate	3	0.00	0.200	0.05	0.78	2.50	85.00	1.00	0.21	0.25	6.00	134.00	11.00	1.60	1.50	0.13	18.00	0.22	120.00	2.00	0.02	12.00	365.00	8.00
Soil	AQA-19013	19013	Inspectorate	3	0.00	0.300	0.05	0.89	5.00	75.00	1.00	0.16	0.25	7.00	101.00	16.00	1.94	1.50	0.10	10.00	0.25	190.00	1.00	0.02	12.00	215.00	8.00
Soil	AQA-19014	19014	Inspectorate	3	0.00	0.300	0.05	0.82	2.50	60.00	1.00	0.20	0.25	12.00	136.00	47.00	2.20	1.50	0.12	24.00	0.28	150.00	2.00	0.02	20.00	300.00	4.00
Soil	AQA-19015	19015	Inspectorate	3	0.00	0.200	0.05	0.57	2.50	50.00	1.00	0.10	0.25	7.00	192.00	12.00	1.73	1.50	0.09	12.00	0.15	105.00	4.00	0.02	12.00	225.00	6.00
Soil	AQA-19016	19016	Inspectorate	3	0.00	0.200	0.05	0.69	2.50	80.00	1.00	0.12	0.50	12.00	163.00	16.00	2.63	1.50	0.12	16.00	0.19	215.00	3.00	0.02	20.00	285.00	6.00
Soil	AQA-19017	19017	Inspectorate	3	0.00	0.200	0.05	0.82	2.50	90.00	1.00	0.20	0.25	10.00	120.00	12.00	1.85	1.50	0.07	12.00	0.20	190.00	2.00	0.03	16.00	270.00	6.00
Soil	AQA-19018	19018	Inspectorate	3	0.00	0.200	0.05	0.73	2.50	70.00	1.00	0.15	0.25	6.00	145.00	13.00	1.61	1.50	0.06	8.00	0.16	120.00	2.00	0.02	9.00	250.00	6.00
Soil	AQA-19019	19019	Inspectorate	3	0.00	0.200	0.05	0.80	2.50	60.00	1.00	0.19	0.25	22.00	114.00	88.00	2.48	1.50	0.06	10.00	0.25	365.00	2.00	0.03	12.00	300.00	4.00
Soil	AQA-19020	19020	Inspectorate	3	0.00	0.100	0.05	0.66	2.50	70.00	1.00	0.15	0.25	9.00	166.00	23.00	1.61	1.50	0.09	10.00	0.20	150.00	3.00	0.02	13.00	280.00	4.00
Soil	AQA-19021	19021	Inspectorate	3	0.00	0.050	0.05	0.83	2.50	125.00	1.00	0.18	0.25	9.00	90.00	32.00	1.47	1.50	0.10	14.00	0.29	80.00	1.00	0.02	15.00	210.00	8.00
Soil	AQA-19022	19022	Inspectorate	3	0.00	0.050	0.05	0.80	2.50	115.00	1.00	0.15	0.25	20.00	121.00	17.00	1.84	1.50	0.10	10.00	0.18	1070.00	2.00	0.01	12.00	240.00	8.00
Soil	AQA-19023	19023	Inspectorate	3	0.00	0.050	0.05	0.77	2.50	90.00	1.00	0.18	0.25	10.00	123.00	18.00	1.66	1.50	0.12	16.00	0.23	305.00	2.00	0.02	15.00	240.00	8.00
Soil	AQA-19024	19024	Inspectorate	3	0.00	0.050	0.05	0.69	2.50	65.00	1.00	0.10	0.25	11.00	269.00	16.00	1.74	1.50	0.09	10.00	0.16	940.00	6.00	0.02	14.00	295.00	8.00
Soil	AQA-19025	19025	Inspectorate	3	0.00	0.050	0.05	0.57	2.50	85.00	1.00	0.12	0.50	15.00	251.00	26.00	1.45	1.50	0.09	8.00	0.15	790.00	5.00	0.02	15.00	240.00	4.00
Soil	AQA-19026	19026	Inspectorate	3	0.00	0.100	0.05	0.57	2.50	50.00	1.00	0.11	0.25	9.00	252.00	25.00	1.61	1.50	0.08	10.00	0.16	345.00	5.00	0.02	13.00	230.00	4.00
Soil	AQA-19027	19027	Inspectorate	3	0.00	0.050	0.05	1.13	2.50	95.00	1.00	0.27	0.25	16.00	179.00	66.00	2.63	1.50	0.17	12.00	0.43	295.00	2.00	0.02	20.00	625.00	1.00
Soil	AQA-19028	19028	Inspectorate	3	0.00	0.050	0.05	1.47	2.50	130.00	1.00	0.16	0.25	6.00	165.00	31.00	2.41	1.50	0.12	8.00	0.53	200.00	3.00	0.02	11.00	240.00	1.00
Soil	AQA-19029	19029	Inspectorate	3	0.00	0.050	0.05	0.66	2.50	55.00	1.00	0.10	0.25	8.00	256.00	16.00	1.53	1.50	0.08	6.00	0.22	225.00	5.00	0.02	15.00	235.00	4.00
Soil	AQA-19030	19030	Inspectorate	3	0.00	0.050	0.05	0.46	2.50	35.00	1.00	0.08	0.25	7.00	352.00	11.00	1.43	1.50	0.06	6.00	0.13	355.00	7.00	0.03	13.00	220.00	4.00
Soil	AQA-19031	19031	Inspectorate	106	0.11	0.100	0.05	0.96	5.00	75.00	1.00	0.20	0.25	16.00	157.00	61.00	2.05	1.50	0.06	10.00	0.32	390.00	2.00	0.03	14.00	260.00	4.00

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-19003	19003	1.00	4.00	7.00	0.03	5.00	56.00	5.00	36.00	6.00
Soil	AQA-19004	19004	1.00	3.00	7.00	0.03	5.00	38.00	5.00	24.00	2.00
Soil	AQA-19005	19005	1.00	6.00	5.00	0.06	5.00	67.00	5.00	41.00	20.00
Soil	AQA-19006	19006	1.00	3.00	5.00	0.02	5.00	35.00	5.00	31.00	4.00
Soil	AQA-19007	19007	1.00	3.00	6.00	0.03	5.00	36.00	5.00	53.00	14.00
Soil	AQA-19008	19008	1.00	3.00	8.00	0.02	5.00	34.00	5.00	46.00	4.00
Soil	AQA-19009	19009	1.00	2.00	9.00	0.01	5.00	33.00	5.00	38.00	2.00
Soil	AQA-19010	19010	2.00	3.00	9.00	0.01	5.00	31.00	5.00	38.00	1.00
Soil	AQA-19011	19011	2.00	2.00	7.00	0.01	5.00	28.00	5.00	41.00	2.00
Soil	AQA-19012	19012	1.00	2.00	8.00	0.01	5.00	32.00	5.00	65.00	2.00
Soil	AQA-19013	19013	1.00	3.00	8.00	0.01	5.00	40.00	5.00	43.00	6.00
Soil	AQA-19014	19014	1.00	5.00	9.00	0.03	5.00	58.00	5.00	41.00	12.00
Soil	AQA-19015	19015	1.00	3.00	6.00	0.02	5.00	36.00	5.00	24.00	6.00
Soil	AQA-19016	19016	1.00	4.00	6.00	0.02	5.00	54.00	5.00	29.00	2.00
Soil	AQA-19017	19017	1.00	4.00	9.00	0.01	5.00	46.00	5.00	34.00	1.00
Soil	AQA-19018	19018	1.00	3.00	7.00	0.02	5.00	42.00	5.00	26.00	1.00
Soil	AQA-19019	19019	1.00	5.00	7.00	0.03	5.00	86.00	5.00	29.00	4.00
Soil	AQA-19020	19020	1.00	3.00	7.00	0.02	5.00	40.00	5.00	31.00	8.00
Soil	AQA-19021	19021	1.00	4.00	9.00	0.01	5.00	43.00	5.00	41.00	10.00
Soil	AQA-19022	19022	1.00	3.00	8.00	0.01	5.00	38.00	5.00	38.00	2.00
Soil	AQA-19023	19023	1.00	3.00	9.00	0.01	5.00	38.00	5.00	38.00	2.00
Soil	AQA-19024	19024	1.00	2.00	6.00	0.02	5.00	37.00	5.00	43.00	1.00
Soil	AQA-19025	19025	1.00	1.00	6.00	0.03	5.00	35.00	5.00	36.00	1.00
Soil	AQA-19026	19026	1.00	3.00	5.00	0.02	5.00	40.00	5.00	24.00	2.00
Soil	AQA-19027	19027	1.00	6.00	9.00	0.05	5.00	85.00	5.00	50.00	8.00
Soil	AQA-19028	19028	1.00	4.00	8.00	0.05	5.00	40.00	5.00	74.00	14.00
Soil	AQA-19029	19029	1.00	2.00	5.00	0.03	5.00	32.00	5.00	36.00	2.00
Soil	AQA-19030	19030	1.00	1.00	4.00	0.02	5.00	30.00	5.00	22.00	1.00
Soil	AQA-19031	19031	1.00	4.00	9.00	0.04	5.00	59.00	5.00	38.00	4.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-19032	19032	Townhall Rd west depth 4"-18" hit bedrock ?	308385	4977037		medium brown lightly oxidized sand with minor green disintegrated rock	10/2/2011	Aquila
Soil	AQA-19033	19033	Townhall Rd west depth 0-17" hit bedrock no?	308383	4976913		medium brown sand; few green rock fragments	10/3/2011	Aquila
Soil	AQA-19034	19034	Townhall Rd west depth 5"-36" hit bedrock no	308384	4976813		medium to dark bown sand; moderatly to strongly oxidized with small green pebbles; at 18" regolith; at 29" yellow disintigrated rock, very difficult to auger; at32" green regolith;	10/3/2011	Aquila
Soil	AQA-19035	19035	Townhall Rd west depth 3"-24" hit bedrock Yes?	308378	4976711		medium brown moderatly oxidized sand with minor regolith; drilled two holes because of rocks	10/3/2011	Aquila
Soil	AQA-19036	19036	Townhall Rd west depth 4"-36" hit bedrock no	308377	4976570		medium brown moderatly oxidized sand; at 15" few green rock fragments increasing with depth	10/3/2011	Aquila
Soil	AQA-19037	19037	Townhall Rd west depth 0"-36" hit bedrock no	308364	4976419		Dark brown to black sandy mud; very wet and falling off auger	10/3/2011	Aquila
Soil	AQA-19038	19038	Townhall Rd west depth 0-36" hit bedrock no	308367	4976257		medium brown to grey wet sand	10/3/2011	Aquila
Soil	AQA-19039	19039	Townhall Rd west depth 4"-30" hit bedrock no?	308355	4976108		gravely mud, medium brown; hit boulder at 30? Wet and falling off auger	10/3/2011	Aquila
Soil	AQA-19040	19040	Townhall Rd west depth 3"-36" hit bedrock no	308349	4976012		wet grey sand; color changes to brown at 13"; at 30" includes black rock fragments	10/3/2011	Aquila
Soil	AQA-19041	19041	Townhall Rd west depth 12"-36" hit bedrock no	308342	4975917		dark brown to grey black mud; few broken rock fragments; at 18" muddy sand; wet and falling off auger	10/3/2011	Aquila
Soil	AQA-19042	19042	Townhall Rd west depth 0"-30" hit bedrock no?	308337	4975696		brown muddy sand; orangy mud at 10"; red-maroon saprolite at 15"; at 30" hit rock-probably boulder	10/3/2011	Aquila
Soil	AQA-19043	19043	Townhall Rd west depth 0"-32" hit bedrock no?	308332	4975598		sandy reddish orange clay; green pebbles at 12"; 18" red orange sand; hit rock at 32"-probably a boulder	10/3/2011	Aquila
Soil	AQA-19044	19044	Townhall Rd west depth 18"-36" hit bedrock no	308333	4975598		brown sandy mud	10/3/2011	Aquila
Soil	AQA-19045	19045	Townhall Rd west depth 6"-18" hit bedrock no?	308324	4975499		drier than last sample; medium oxidized brown mud with green and red rock fragments; hit rock-probably boulder at 18"	10/3/2011	Aquila
Soil	AQA-19046	19046	Townhall Rd west depth 6"-12" hit bedrock yes?	308306	4975236		brown sandy mud-mostly seemed to be topsoil; hit rock at 12"; tried to re-drill 3 times	10/3/2011	Aquila
Soil	AQA-19047	19047	Townhall Rd west depth 6"-30" hit bedrock yes?	308304	4975129		dry brown mud-topsoil?; few green pebbles	10/3/2011	Aquila
Soil	AQA-19048	19048	Townhall Rd west depth 12"-36" hit bedrock no	308299	4975020		black to bluish-grey sandy clay; some orange sand at 30"	10/3/2011	Aquila
Soil	AQA-19049	19049	Townhall Rd west depth 0"-36" hit bedrock no	308296	4974917		light tan to grey clay; at 6" regolith and clayey sand	10/3/2011	Aquila
Soil	AQA-19050	19050	Townhall Rd west depth 3"-28" hit bedrock yes	308291	4974808		grey muddy clay with light oxidation; at 18" regolith included	10/3/2011	Aquila
Soil	AQA-19051	19051	Townhall Rd west depth 6"-36" hit bedrock no	308287	4974708		grey muddy clay with very light oxidation; sand at 34"	10/3/2011	Aquila
Soil	AQA-19052	19052	Townhall Rd west depth 6"-36" hit bedrock no	308282	4974616		blue-grey clay; sand at 15"; hit boulder and re-drilled at 24"	10/3/2011	Aquila
Soil	AQA-19053	19053	Townhall Rd west depth 4"-36" hit bedrock no	308276	4974519		brown sandy mud; slight orange streakes	10/3/2011	Aquila
Soil	AQA-19054	19054	townhall road west depth 4"-24" hit bedrock yes	308275	4974401		lightly oxidized brown sand; regolith at 24"	10/4/2011	Aquila
Soil	AQA-19055	19055	townhall road west depth 6"-18" hit bedrock yes?	308266	4974312		brown sand with grey green rock fragments included; lots of rocks at surface; redrilled several times	10/4/2011	Aquila
Soil	AQA-19056	19056	townhall road west depth 6"-18" hit bedrock yes?	308269	4974212		brown reddish sand; red sandy clay at 12"--saprolite?	10/4/2011	Aquila
Soil	AQA-19057	19057	townhall road west depth 6"-36" hit bedrock no	308259	4974125		brown muddy sand; at 30" becomes red in color and more claylike; 31" saprolite	10/4/2011	Aquila
Soil	AQA-19058	19058	townhall road west depth 6"-36" hit bedrock no	308272	4974021		light brown sand; 11" green rock fragments; at 32" green regolith and saprolite	10/4/2011	Aquila
Soil	AQA-19059	19059	townhall road north depth 6"-20" hit bedrock yes?	308336	4973962		brown sand; some regolith at 19"	10/4/2011	Aquila
Soil	AQA-19060	19060	county rd Q west depth 10"-36" hit bedrock no	310011	4979343		dark sandy mud; sample very wet	10/5/2011	Aquila
Soil	AQA-19061	19061	county rd Q west depth 6"-34" hit bedrock ?	310005	4979248		lightly oxidized sand; disintigrated rock fragments	10/5/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-19032	19032	Inspectorate	8	0.01	0.050	0.05	0.95	2.50	75.00	1.00	0.27	0.25	18.00	181.00	49.00	2.17	1.50	0.08	12.00	0.42	275.00	3.00	0.03	21.00	625.00	2.00
Soil	AQA-19033	19033	Inspectorate	3	0.00	0.050	0.05	0.52	2.50	40.00	1.00	0.12	0.25	10.00	329.00	24.00	1.46	1.50	0.06	6.00	0.17	255.00	6.00	0.02	14.00	225.00	4.00
Soil	AQA-19034	19034	Inspectorate	3	0.00	0.050	0.05	0.98	2.50	60.00	1.00	0.23	0.25	15.00	164.00	52.00	1.95	1.50	0.07	10.00	0.49	270.00	2.00	0.03	26.00	450.00	1.00
Soil	AQA-19035	19035	Inspectorate	3	0.00	0.050	0.05	1.08	2.50	90.00	1.00	0.21	0.25	15.00	181.00	48.00	1.77	1.50	0.07	10.00	0.50	260.00	2.00	0.02	22.00	310.00	1.00
Soil	AQA-19036	19036	Inspectorate	3	0.00	0.050	0.05	0.83	2.50	55.00	1.00	0.19	0.25	12.00	172.00	53.00	1.80	1.50	0.07	8.00	0.32	240.00	3.00	0.02	14.00	300.00	1.00
Soil	AQA-19037	19037	Inspectorate	3	0.00	0.050	0.05	0.48	2.50	45.00	1.00	0.15	0.25	6.00	375.00	14.00	1.16	1.50	0.09	8.00	0.15	180.00	8.00	0.02	14.00	275.00	4.00
Soil	AQA-19038	19038	Inspectorate	3	0.00	0.050	0.05	0.35	2.50	30.00	1.00	0.09	0.25	3.00	314.00	8.00	0.95	1.50	0.09	8.00	0.08	110.00	7.00	0.02	9.00	190.00	4.00
Soil	AQA-19039	19039	Inspectorate	3	0.00	0.050	0.05	0.51	2.50	55.00	1.00	0.14	0.25	6.00	361.00	16.00	1.28	1.50	0.12	10.00	0.14	235.00	8.00	0.02	14.00	410.00	6.00
Soil	AQA-19040	19040	Inspectorate	3	0.00	0.300	0.05	0.46	10.00	45.00	1.00	0.17	0.25	5.00	286.00	19.00	1.34	1.50	0.09	8.00	0.16	165.00	6.00	0.02	12.00	310.00	4.00
Soil	AQA-19041	19041	Inspectorate	3	0.00	0.100	0.05	0.61	2.50	75.00	1.00	0.22	0.50	12.00	197.00	18.00	1.14	1.50	0.11	10.00	0.17	220.00	4.00	0.02	18.00	475.00	6.00
Soil	AQA-19042	19042	Inspectorate	3	0.00	0.050	0.05	1.13	20.00	80.00	1.00	0.29	0.50	12.00	67.00	48.00	3.92	1.50	0.25	8.00	0.72	280.00	0.50	0.01	26.00	705.00	1.00
Soil	AQA-19043	19043	Inspectorate	25	0.03	0.050	0.05	0.64	2.50	55.00	1.00	0.16	0.25	7.00	179.00	19.00	2.05	1.50	0.10	10.00	0.24	130.00	3.00	0.03	11.00	345.00	4.00
Soil	AQA-19044	19044	Inspectorate	3	0.00	0.050	0.05	0.48	2.50	35.00	1.00	0.23	0.25	6.00	262.00	16.00	1.74	1.50	0.11	10.00	0.17	175.00	5.00	0.03	13.00	440.00	6.00
Soil	AQA-19045	19045	Inspectorate	3	0.00	0.100	0.05	1.42	2.50	80.00	1.00	0.35	0.50	30.00	158.00	86.00	2.63	1.50	0.05	8.00	0.78	465.00	2.00	0.04	24.00	330.00	6.00
Soil	AQA-19046	19046	Inspectorate	3	0.00	0.050	0.05	0.88	2.50	70.00	1.00	0.21	0.50	10.00	235.00	34.00	1.89	1.50	0.13	10.00	0.31	295.00	4.00	0.03	13.00	455.00	6.00
Soil	AQA-19047	19047	Inspectorate	3	0.00	0.200	0.05	1.36	2.50	115.00	1.00	0.32	0.50	17.00	134.00	60.00	2.80	1.50	0.28	8.00	0.47	425.00	2.00	0.03	11.00	720.00	2.00
Soil	AQA-19048	19048	Inspectorate	3	0.00	0.200	0.05	1.32	2.50	110.00	1.00	0.25	0.25	16.00	109.00	34.00	2.99	1.50	0.36	8.00	0.60	410.00	2.00	0.03	9.00	975.00	1.00
Soil	AQA-19049	19049	Inspectorate	3	0.00	0.050	0.05	1.34	5.00	100.00	1.00	0.20	0.50	15.00	105.00	18.00	3.45	1.50	0.34	8.00	0.45	380.00	2.00	0.03	6.00	845.00	1.00
Soil	AQA-19050	19050	Inspectorate	3	0.00	0.050	0.05	0.87	2.50	90.00	2.00	0.17	0.25	9.00	108.00	12.00	1.95	1.50	0.15	12.00	0.29	195.00	2.00	0.03	10.00	305.00	2.00
Soil	AQA-19051	19051	Inspectorate	3	0.00	0.050	0.05	0.88	2.50	65.00	1.00	0.12	0.25	6.00	149.00	13.00	2.19	1.50	0.26	10.00	0.35	280.00	3.00	0.02	8.00	305.00	2.00
Soil	AQA-19052	19052	Inspectorate	3	0.00	0.050	0.05	0.56	2.50	45.00	1.00	0.13	0.50	8.00	240.00	14.00	2.17	1.50	0.10	8.00	0.17	335.00	5.00	0.02	11.00	455.00	4.00
Soil	AQA-19053	19053	Inspectorate	3	0.00	0.050	0.05	0.53	2.50	45.00	1.00	0.14	0.50	8.00	250.00	16.00	2.20	1.50	0.08	8.00	0.15	340.00	5.00	0.02	12.00	470.00	4.00
Soil	AQA-19054	19054	Inspectorate	143	0.14	0.050	0.05	0.90	2.50	70.00	1.00	0.12	0.50	10.00	162.00	32.00	2.77	1.50	0.13	10.00	0.35	225.00	3.00	0.02	11.00	360.00	2.00
Soil	AQA-19055	19055	Inspectorate	3	0.00	0.050	0.05	1.33	2.50	90.00	4.00	0.14	1.00	20.00	127.00	108.00	4.43	1.50	0.20	8.00	0.48	220.00	2.00	0.02	8.00	900.00	4.00
Soil	AQA-19056	19056	Inspectorate	3	0.00	0.050	0.05	0.94	2.50	105.00	1.00	0.27	1.00	19.00	145.00	28.00	5.14	1.50	0.20	10.00	0.34	645.00	2.00	0.02	14.00	715.00	4.00
Soil	AQA-19057	19057	Inspectorate	3	0.00	0.050	0.05	0.77	2.50	75.00	1.00	0.18	1.00	11.00	197.00	18.00	3.76	1.50	0.13	10.00	0.26	380.00	3.00	0.03	12.00	525.00	6.00
Soil	AQA-19058	19058	Inspectorate	3	0.00	0.100	0.05	0.50	2.50	45.00	1.00	0.09	0.25	8.00	160.00	12.00	1.74	1.50	0.09	8.00	0.14	235.00	3.00	0.01	10.00	315.00	4.00
Soil	AQA-19059	19059	Inspectorate	3	0.00	0.100	0.05	0.60	2.50	50.00	1.00	0.11	0.25	10.00	253.00	19.00	1.91	1.50	0.10	10.00	0.20	245.00	5.00	0.03	16.00	325.00	2.00
Soil	AQA-19060	19060	Inspectorate	3	0.00	0.200	0.05	0.44	2.50	60.00	1.00	0.16	0.50	5.00	245.00	14.00	1.02	1.50	0.08	10.00	0.13	180.00	5.00	0.03	10.00	420.00	10.00
Soil	AQA-19061	19061	Inspectorate	3	0.00	0.050	0.05	0.59	2.50	55.00	1.00	0.12	0.25	7.00	253.00	11.00	1.45	1.50	0.08	8.00	0.17	230.00	5.00	0.03	14.00	295.00	6.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-19032	19032	1.00	3.00	21.00	0.09	5.00	57.00	5.00	48.00	8.00
Soil	AQA-19033	19033	1.00	2.00	7.00	0.03	5.00	33.00	5.00	26.00	4.00
Soil	AQA-19034	19034	1.00	4.00	10.00	0.04	5.00	51.00	5.00	38.00	4.00
Soil	AQA-19035	19035	1.00	4.00	11.00	0.05	5.00	48.00	5.00	38.00	4.00
Soil	AQA-19036	19036	1.00	4.00	8.00	0.04	5.00	47.00	5.00	31.00	4.00
Soil	AQA-19037	19037	1.00	2.00	6.00	0.02	5.00	23.00	5.00	38.00	2.00
Soil	AQA-19038	19038	1.00	0.50	4.00	0.02	5.00	18.00	5.00	26.00	1.00
Soil	AQA-19039	19039	1.00	2.00	6.00	0.02	5.00	29.00	5.00	50.00	1.00
Soil	AQA-19040	19040	1.00	2.00	6.00	0.02	5.00	30.00	5.00	38.00	2.00
Soil	AQA-19041	19041	1.00	2.00	9.00	0.01	5.00	34.00	5.00	74.00	2.00
Soil	AQA-19042	19042	1.00	4.00	8.00	0.04	5.00	73.00	5.00	89.00	6.00
Soil	AQA-19043	19043	1.00	3.00	7.00	0.02	5.00	44.00	5.00	43.00	6.00
Soil	AQA-19044	19044	1.00	2.00	7.00	0.02	5.00	43.00	5.00	46.00	6.00
Soil	AQA-19045	19045	1.00	7.00	16.00	0.06	5.00	70.00	5.00	62.00	4.00
Soil	AQA-19046	19046	1.00	2.00	7.00	0.04	5.00	45.00	5.00	50.00	2.00
Soil	AQA-19047	19047	1.00	6.00	10.00	0.13	5.00	91.00	5.00	86.00	12.00
Soil	AQA-19048	19048	1.00	7.00	8.00	0.13	5.00	75.00	5.00	74.00	16.00
Soil	AQA-19049	19049	1.00	6.00	7.00	0.09	5.00	48.00	5.00	84.00	26.00
Soil	AQA-19050	19050	1.00	3.00	9.00	0.03	5.00	38.00	5.00	58.00	10.00
Soil	AQA-19051	19051	1.00	3.00	6.00	0.04	5.00	30.00	5.00	84.00	18.00
Soil	AQA-19052	19052	1.00	3.00	6.00	0.03	5.00	52.00	5.00	36.00	8.00
Soil	AQA-19053	19053	1.00	3.00	6.00	0.03	5.00	55.00	5.00	34.00	6.00
Soil	AQA-19054	19054	1.00	3.00	6.00	0.04	5.00	60.00	5.00	180.00	12.00
Soil	AQA-19055	19055	1.00	6.00	8.00	0.07	5.00	62.00	5.00	89.00	16.00
Soil	AQA-19056	19056	1.00	7.00	10.00	0.05	5.00	95.00	5.00	62.00	8.00
Soil	AQA-19057	19057	1.00	4.00	6.00	0.04	5.00	64.00	5.00	43.00	2.00
Soil	AQA-19058	19058	1.00	2.00	5.00	0.02	5.00	34.00	5.00	31.00	2.00
Soil	AQA-19059	19059	1.00	2.00	5.00	0.03	5.00	40.00	5.00	31.00	4.00
Soil	AQA-19060	19060	1.00	2.00	6.00	0.01	5.00	20.00	5.00	58.00	1.00
Soil	AQA-19061	19061	1.00	2.00	6.00	0.02	5.00	30.00	5.00	43.00	1.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-19062	19062	county rd Q west depth 6"-31" hit bedrock yes	310005	4979129		moderate to heavy oxidation; brown sand; disintigrated rock fragments	10/5/2011	Aquila
Soil	AQA-19063	19063	county rd Q west depth 6"-24" hit bedrock yes?	310002	4979027		dark brown sand; lots of disintigrated rock fragments	10/5/2011	Aquila
Soil	AQA-19064	19064	county rd Q west depth 9"-28" hit bedrock yes?	310002	4978931		dark to very dark brown sand some disintigrted rock fragments	10/5/2011	Aquila
Soil	AQA-19065	19065	county rd Q west depth 9"-28" hit bedrock ?	310000	4978830		light brown clay; almost entirely green regolith at 18"	10/5/2011	Aquila
Soil	AQA-19066	19066	county rd Q west depth 0"-12" hit bedrock yes?	310002	4978729		dark topsoil with organics	10/6/2011	Aquila
Soil	AQA-19067	19067	county rd Q west depth 9"-30" hit bedrock yes?	310002	4978528		light brown to grey clay; no rock frags/pebbles	10/6/2011	Aquila
Soil	AQA-19068	19068	county rd Q west depth 6"-20" hit bedrock yes?	310001	4978442		light brown wet sandy mud; lightly oxidized	10/6/2011	Aquila
Soil	AQA-19069	19069	county rd Q west depth 4"-36" hit bedrock no	310003	4978336		light brown wet sand some pebbles	10/6/2011	Aquila
Soil	AQA-19070	19070	county rd Q west depth 6"-24" hit bedrock yes	310005	4978123		light to dark brown highly oxidized;disintigrated rock frags pebbles	10/6/2011	Aquila
Soil	AQA-19071	19071	county rd Q west depth 4"-24" hit bedrock yes?	310007	4978028		light brown to grey; disintigrated rock frags light to highly oxidized	10/6/2011	Aquila
Soil	AQA-19101	19101	county rd Q west depth 0"-24" hit bedrock yes?	309999	4977803		light brown to red clay saprolite? Disintigrated rock frags at 18"	11/2/2011	Aquila
Soil	AQA-19102	19102	County Rd Z south depth 8"-36" hit bedrock no	312098	4984238		light oxidation rock frags	9/20/2011	Aquila
Soil	AQA-19103	19103	county rd Q west depth 6"-32" hit bedrock yes	309995	4977598		light brown-green disintigrated rock frags saprolite/regolith	11/2/2011	Aquila
Soil	AQA-19104	19104	county rd Q west depth 4"-26" hit bedrock yes	309980	4977364		light brown-green disintigrated rock frags saprolite/regolith	11/2/2011	Aquila
Soil	AQA-19105	19105	County Rd Z south depth 12"36" hit bedrock no	312319	4984225		claylike small pebbles frags strong oxidation	9/20/2011	Aquila
Soil	AQA-19201	19201	Thornapple Creek Road west depth 24"-30" hit bedrock yes	313284	4981809		Blue and red (oxidized) clay/saprolite. Hit bedrock at 30"	9/15/2011	Aquila
Soil	AQA-19202	19202	Thornapple Creek Road east depth 24"-36" hit bedrock no	313305	4981925		Dense, oxidized clay with blue rock fragments and few quartz fragments	9/15/2011	Aquila
Soil	AQA-19203	19203	Thornapple Creek Road east depth 12"-18" hit bedrock no	313300	4982023		Highly oxidized clay with blue rock fragments. Very difficult to auger through. *Tried three different holes, could not auger any deeper than 18".	9/15/2011	Aquila
Soil	AQA-19205	19205							Aquila
Soil	AQA-19206	19206							Aquila
Soil	AQA-19207	19207							Aquila
Soil	AQA-19208	19208							Aquila
Soil	AQA-19209	19209							Aquila
Soil	AQA-19210	19210							Aquila
Soil	AQA-19211	19211							Aquila
Soil	AQA-19212	19212							Aquila
Soil	AQA-19213	19213							Aquila
Soil	AQA-19214	19214							Aquila
Soil	AQA-19215	19215							Aquila
Soil	AQA-19216	19216							Aquila
Soil	AQA-19217	19217							Aquila
Soil	AQA-19218	19218							Aquila
Soil	AQA-19219	19219							Aquila
Soil	AQA-19220	19220							Aquila
Soil	AQA-19221	19221							Aquila
Soil	AQA-19222	19222							Aquila
Soil	AQA-19223	19223							Aquila
Soil	AQA-19224	19224							Aquila
Soil	AQA-19225	19225							Aquila
Soil	AQA-19226	19226							Aquila
Soil	AQA-19227	19227							Aquila
Soil	AQA-19228	19228							Aquila
Soil	AQA-19229	19229							Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-19062	19062	Inspectorate	125	0.13	0.100	0.05	1.41	25.00	145.00	1.00	0.27	0.50	21.00	136.00	76.00	2.63	1.50	0.17	4.00	0.64	335.00	2.00	0.04	15.00	355.00	1.00
Soil	AQA-19063	19063	Inspectorate	3	0.00	0.050	0.05	1.29	2.50	115.00	1.00	0.21	0.25	16.00	147.00	59.00	2.07	1.50	0.09	4.00	0.53	430.00	2.00	0.04	14.00	330.00	2.00
Soil	AQA-19064	19064	Inspectorate	3	0.00	0.050	0.05	0.91	2.50	75.00	1.00	0.15	0.25	14.00	145.00	30.00	1.92	1.50	0.08	8.00	0.29	380.00	3.00	0.02	10.00	310.00	2.00
Soil	AQA-19065	19065	Inspectorate	3	0.00	0.050	0.05	1.07	2.50	65.00	1.00	0.28	0.25	12.00	77.00	44.00	2.14	1.50	0.06	8.00	0.36	255.00	1.00	0.05	9.00	410.00	2.00
Soil	AQA-19066	19066	Inspectorate	11	0.01	0.050	0.05	0.76	2.50	85.00	1.00	0.23	0.50	12.00	168.00	24.00	1.82	1.50	0.07	6.00	0.19	660.00	3.00	0.03	10.00	420.00	12.00
Soil	AQA-19067	19067	Inspectorate	3	0.00	0.100	0.05	0.74	5.00	85.00	2.00	0.22	0.50	10.00	102.00	20.00	1.83	1.50	0.09	12.00	0.18	750.00	2.00	0.04	10.00	335.00	8.00
Soil	AQA-19068	19068	Inspectorate	3	0.00	0.100	0.05	0.58	2.50	45.00	1.00	0.12	0.25	10.00	215.00	20.00	1.57	1.50	0.07	8.00	0.15	290.00	4.00	0.03	11.00	185.00	10.00
Soil	AQA-19069	19069	Inspectorate	3	0.00	0.050	0.05	0.51	2.50	40.00	1.00	0.11	0.25	7.00	233.00	14.00	1.33	1.50	0.06	6.00	0.15	220.00	4.00	0.03	12.00	205.00	4.00
Soil	AQA-19070	19070	Inspectorate	3	0.00	0.050	0.05	0.70	2.50	55.00	1.00	0.14	0.25	12.00	184.00	32.00	1.58	1.50	0.06	6.00	0.23	330.00	3.00	0.03	11.00	230.00	4.00
Soil	AQA-19071	19071	Inspectorate	3	0.00	0.050	0.05	0.71	2.50	65.00	1.00	0.16	0.25	7.00	81.00	14.00	1.45	1.50	0.09	10.00	0.19	155.00	1.00	0.03	9.00	175.00	6.00
Soil	AQA-19101	19101	Inspectorate	3	0.00	0.050	0.05	1.95	5.00	130.00	1.00	0.06	0.25	11.00	115.00	24.00	2.99	1.50	0.24	18.00	0.44	550.00	1.00	0.01	14.00	1445.00	14.00
Soil	AQA-19102	19102	Inspectorate	3	0.00	0.100	0.05	2.69	2.50	210.00	1.00	0.07	0.25	8.00	79.00	35.00	2.51	1.50	0.18	20.00	0.41	560.00	0.50	0.01	16.00	1880.00	10.00
Soil	AQA-19103	19103	Inspectorate	3	0.00	0.050	0.05	1.64	2.50	95.00	1.00	0.05	0.25	14.00	130.00	45.00	2.80	1.50	0.07	14.00	0.42	270.00	1.00	0.01	17.00	460.00	6.00
Soil	AQA-19104	19104	Inspectorate	3	0.00	0.050	0.05	1.56	2.50	80.00	1.00	0.05	0.25	18.00	137.00	60.00	2.48	1.50	0.05	12.00	0.41	505.00	2.00	0.01	13.00	390.00	2.00
Soil	AQA-19105	19105	Inspectorate	3	0.00	0.050	0.05	2.04	15.00	110.00	1.00	0.06	1.00	24.00	171.00	97.00	3.19	1.50	0.03	10.00	0.65	500.00	1.00	0.01	28.00	350.00	44.00
Soil	AQA-19201	19201	Inspectorate	3	0.00	0.400	0.30	1.31	2.50	80.00	4.00	0.27	0.25	10.00	117.00	67.00	1.81	1.50	0.09	6.00	0.42	230.00	2.00	0.02	17.00	490.00	6.00
Soil	AQA-19202	19202	Inspectorate	32	0.03	0.200	0.30	1.35	2.50	80.00	8.00	0.28	0.25	24.00	98.00	43.00	1.81	1.50	0.09	10.00	0.41	270.00	1.00	0.03	19.00	460.00	8.00
Soil	AQA-19203	19203	Inspectorate	34	0.03	0.050	0.05	1.20	5.00	80.00	1.00	0.20	0.25	19.00	110.00	21.00	1.90	1.50	0.13	12.00	0.40	345.00	2.00	0.02	19.00	445.00	4.00
Soil	AQA-19205	19205	Inspectorate	57	0.06	0.050	0.20	1.11	2.50	60.00	1.00	0.24	0.25	19.00	146.00	105.00	2.13	1.50	0.10	8.00	0.43	420.00	3.00	0.03	18.00	505.00	6.00
Soil	AQA-19206	19206	Inspectorate	27	0.03	0.050	0.05	0.72	2.50	65.00	1.00	0.22	0.25	6.00	147.00	17.00	2.02	1.50	0.20	14.00	0.22	240.00	4.00	0.02	12.00	785.00	4.00
Soil	AQA-19207	19207	Inspectorate	3	0.00	0.050	0.05	0.84	2.50	85.00	2.00	0.34	0.25	8.00	171.00	25.00	2.57	6.00	0.39	14.00	0.37	370.00	4.00	0.04	10.00	1265.00	1.00
Soil	AQA-19208	19208	Inspectorate	3	0.00	0.050	0.10	0.39	20.00	35.00	1.00	0.11	0.25	3.00	204.00	11.00	0.90	1.50	0.10	10.00	0.11	95.00	6.00	0.02	7.00	295.00	10.00
Soil	AQA-19209	19209	Inspectorate	3	0.00	0.050	0.05	0.39	2.50	40.00	1.00	0.12	0.25	2.00	564.00	10.00	0.93	1.50	0.14	10.00	0.09	95.00	15.00	0.04	14.00	300.00	4.00
Soil	AQA-19210	19210	Inspectorate	3	0.00	0.050	0.05	0.38	2.50	60.00	1.00	0.15	0.25	2.00	281.00	6.00	1.06	1.50	0.30	38.00	0.09	105.00	9.00	0.04	9.00	455.00	4.00
Soil	AQA-19211	19211	Inspectorate		3.31	0.050	0.10	1.15	2.50	110.00	2.00	0.20	0.25	3.00	276.00	18.00	2.02	1.50	0.22	16.00	0.23	105.00	7.00	0.04	12.00	545.00	6.00
Soil	AQA-19212	19212	Inspectorate	76	0.08	0.050	0.05	0.78	2.50	90.00	1.00	0.17	0.25	3.00	134.00	11.00	1.62	3.00	0.15	14.00	0.19	80.00	4.00	0.02	9.00	525.00	6.00
Soil	AQA-19213	19213	Inspectorate	37	0.04	0.050	0.05	0.44	2.50	50.00	1.00	0.10	0.25	2.00	181.00	9.00	0.94	1.50	0.10	10.00	0.12	70.00	5.00	0.02	7.00	335.00	4.00
Soil	AQA-19214	19214	Inspectorate	26	0.03	1.500	0.70	0.91	25.00	105.00	2.00	0.24	0.25	17.00	153.00	56.00	2.09	1.50	0.22	12.00	0.40	325.00	4.00	0.03	12.00	755.00	4.00
Soil	AQA-19215	19215	Inspectorate	3	0.00	0.300	0.05	0.75	15.00	75.00	1.00	0.22	0.25	10.00	225.00	40.00	1.64	1.50	0.17	10.00	0.26	235.00	6.00	0.03	12.00	665.00	4.00
Soil	AQA-19216	19216	Inspectorate	69	0.07	0.500	0.20	1.57	2.50	125.00	1.00	0.27	0.25	13.00	161.00	59.00	2.24	1.50	0.18	8.00	0.53	385.00	4.00	0.04	16.00	700.00	6.00
Soil	AQA-19217	19217	Inspectorate	20	0.02	0.300	0.10	0.72	2.50	85.00	1.00	0.19	0.25	6.00	91.00	16.00	1.51	1.50	0.14	14.00	0.24	345.00	3.00	0.02	10.00	695.00	6.00
Soil	AQA-19218	19218	Inspectorate	3	0.00	0.300	0.05	0.78	2.50	65.00	1.00	0.11	0.25	8.00	170.00	17.00	1.45	1.50	0.14	12.00	0.22	260.00	4.00	0.02	11.00	440.00	6.00
Soil	AQA-19219	19219	Inspectorate	32	0.03	0.050	0.05	0.86	2.50	65.00	1.00	0.11	0.25	7.00	225.00	23.00	1.69	1.50	0.13	12.00	0.22	180.00	6.00	0.02	11.00	435.00	4.00
Soil	AQA-19220	19220	Inspectorate	48	0.05	0.200	0.05	0.87	2.50	60.00	1.00	0.10	0.25	7.00	161.00	14.00	1.91	1.50	0.22	10.00	0.28	235.00	4.00	0.02	10.00	415.00	2.00
Soil	AQA-19221	19221	Inspectorate	36	0.04	0.200	0.05	0.79	2.50	50.00	2.00	0.09	0.25	5.00	110.00	23.00	1.45	1.50	0.27	10.00	0.28	140.00	3.00	0.01	8.00	345.00	2.00
Soil	AQA-19222	19222	Inspectorate	23	0.02	0.100	0.05	0.86	2.50	55.00	1.00	0.17	0.25	5.00	161.00	23.00	1.95	1.50	0.33	14.00	0.29	150.00	4.00	0.01	11.00	800.00	1.00
Soil	AQA-19223	19223	Inspectorate	38	0.04	0.050	0.05	1.75	2.50	180.00	1.00	0.16	0.25	8.00	95.00	33.00	2.73	1.50	0.58	12.00	0.61	475.00	3.00	0.02	7.00	685.00	4.00
Soil	AQA-19224	19224	Inspectorate	12	0.01	0.050	0.05	1.96	2.50	195.00	1.00	0.22	0.25	8.00	63.00	36.00	3.22	1.50	0.75	8.00	0.76	465.00	1.00	0.03	5.00	805.00	2.00
Soil	AQA-19225	19225	Inspectorate	27	0.03	0.300	0.05	0.96	2.50	130.00	1.00	0.20	0.25	8.00	92.00	30.00	2.02	1.50	0.24	14.00	0.35	290.00	2.00	0.02	9.00	655.00	4.00
Soil	AQA-19226	19226	Inspectorate	54	0.05	0.200	0.05	1.59	2.50	185.00	1.00	0.36	0.25	13.00	119.00	43.00	3.16	1.50	0.53	14.00	0.65	485.00	3.00	0.06	11.00	1080.00	6.00
Soil	AQA-19227	19227	Inspectorate	3	0.00	0.300	0.05	1.03	5.00	85.00	1.00	0.13	0.25	6.00	155.00	35.00	1.91	1.50	0.21	12.00	0.36	210.00	4.00	0.03	10.00	580.00	4.00
Soil	AQA-19228	19228	Inspectorate	24	0.02	0.050	0.05	1.35	2.50	135.00	1.00	0.23	0.25	11.00	98.00	72.00	2.44	1.50	0.35	14.00	0.61	300.00	2.00	0.03	12.00	850.00	4.00
Soil	AQA-19229	19229	Inspectorate	68	0.07	0.050	0.05	2.13	2.50	225.00	1.00	0.29	0.25	7.00	57.00	32.00	3.35	1.50	0.58	14.00	0.86	250.00	1.00	0.03	6.00	910.00	2.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-19062	19062	1.00	5.00	11.00	0.07	5.00	97.00	5.00	53.00	4.00
Soil	AQA-19063	19063	1.00	4.00	10.00	0.04	5.00	67.00	5.00	48.00	2.00
Soil	AQA-19064	19064	1.00	4.00	8.00	0.05	5.00	66.00	5.00	36.00	4.00
Soil	AQA-19065	19065	1.00	6.00	10.00	0.03	5.00	81.00	5.00	38.00	4.00
Soil	AQA-19066	19066	1.00	2.00	8.00	0.02	5.00	60.00	5.00	60.00	1.00
Soil	AQA-19067	19067	1.00	3.00	11.00	0.02	5.00	52.00	5.00	41.00	1.00
Soil	AQA-19068	19068	1.00	2.00	6.00	0.03	5.00	42.00	5.00	31.00	4.00
Soil	AQA-19069	19069	1.00	2.00	5.00	0.02	5.00	31.00	5.00	34.00	1.00
Soil	AQA-19070	19070	1.00	3.00	6.00	0.03	5.00	43.00	5.00	34.00	2.00
Soil	AQA-19071	19071	1.00	3.00	8.00	0.01	5.00	36.00	5.00	24.00	10.00
Soil	AQA-19101	19101	1.00	5.00	19.00	0.04	5.00	65.00	5.00	54.00	1.00
Soil	AQA-19102	19102	1.00	9.00	24.00	0.02	5.00	45.00	5.00	68.00	4.00
Soil	AQA-19103	19103	1.00	10.00	14.00	0.04	5.00	91.00	5.00	33.00	6.00
Soil	AQA-19104	19104	1.00	10.00	14.00	0.05	5.00	82.00	5.00	24.00	6.00
Soil	AQA-19105	19105	1.00	13.00	15.00	0.07	5.00	95.00	5.00	101.00	8.00
Soil	AQA-19201	19201	1.00	7.00	12.00	0.05	5.00	52.00	75.00	32.00	4.00
Soil	AQA-19202	19202	2.00	7.00	15.00	0.06	5.00	48.00	10.00	42.00	4.00
Soil	AQA-19203	19203	1.00	7.00	8.00	0.04	5.00	45.00	5.00	24.00	6.00
Soil	AQA-19205	19205	1.00	6.00	9.00	0.06	5.00	54.00	5.00	20.00	4.00
Soil	AQA-19206	19206	1.00	3.00	8.00	0.05	5.00	48.00	5.00	22.00	8.00
Soil	AQA-19207	19207	1.00	4.00	9.00	0.09	5.00	55.00	5.00	32.00	12.00
Soil	AQA-19208	19208	1.00	1.00	5.00	0.01	5.00	17.00	5.00	24.00	4.00
Soil	AQA-19209	19209	4.00	1.00	7.00	0.01	5.00	13.00	5.00	10.00	4.00
Soil	AQA-19210	19210	1.00	1.00	6.00	0.03	5.00	7.00	5.00	50.00	4.00
Soil	AQA-19211	19211	1.00	3.00	17.00	0.02	5.00	38.00	5.00	20.00	6.00
Soil	AQA-19212	19212	1.00	3.00	13.00	0.02	5.00	32.00	5.00	18.00	6.00
Soil	AQA-19213	19213	1.00	2.00	6.00	0.01	5.00	19.00	5.00	14.00	4.00
Soil	AQA-19214	19214	1.00	3.00	15.00	0.05	5.00	59.00	5.00	28.00	6.00
Soil	AQA-19215	19215	1.00	3.00	12.00	0.04	5.00	43.00	5.00	22.00	6.00
Soil	AQA-19216	19216	1.00	3.00	12.00	0.05	5.00	48.00	5.00	40.00	2.00
Soil	AQA-19217	19217	1.00	3.00	11.00	0.02	5.00	31.00	5.00	26.00	4.00
Soil	AQA-19218	19218	1.00	3.00	7.00	0.02	5.00	36.00	5.00	22.00	4.00
Soil	AQA-19219	19219	1.00	5.00	7.00	0.03	5.00	48.00	5.00	20.00	10.00
Soil	AQA-19220	19220	1.00	5.00	7.00	0.03	5.00	48.00	5.00	22.00	8.00
Soil	AQA-19221	19221	1.00	4.00	6.00	0.01	5.00	32.00	5.00	20.00	6.00
Soil	AQA-19222	19222	1.00	4.00	8.00	0.02	5.00	39.00	5.00	18.00	10.00
Soil	AQA-19223	19223	1.00	13.00	14.00	0.05	5.00	58.00	5.00	52.00	8.00
Soil	AQA-19224	19224	1.00	16.00	16.00	0.06	5.00	65.00	5.00	64.00	8.00
Soil	AQA-19225	19225	1.00	5.00	13.00	0.04	5.00	62.00	5.00	26.00	8.00
Soil	AQA-19226	19226	1.00	9.00	18.00	0.08	5.00	100.00	5.00	38.00	16.00
Soil	AQA-19227	19227	1.00	4.00	9.00	0.05	5.00	46.00	5.00	28.00	6.00
Soil	AQA-19228	19228	1.00	6.00	13.00	0.08	5.00	65.00	5.00	40.00	12.00
Soil	AQA-19229	19229	1.00	14.00	15.00	0.06	5.00	76.00	5.00	76.00	16.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-19230	19230							Aquila
Soil	AQA-19231	19231							Aquila
Soil	AQA-19232	19232							Aquila
Soil	AQA-19233	19233	Thornapple Creek Road east depth 12"-24" hit bedrock no	313755	4983282		Moderately oxidized sandy till/overburden with very small pebbles	9/16/2011	Aquila
Soil	AQA-19234	19234	Thornapple Creek Road east depth 24"-33" hit bedrock yes	313755	4983282		Moderately oxidized with larger pebbles and some white blotches. Hit possible bedrock at 33"	9/16/2011	Aquila
Soil	AQA-19235	19235	Thornapple Creek Road east depth 12"-30" hit bedrock no	313757	4983377		Strongly oxidized, sandy/pebbly till/overburden	9/16/2011	Aquila
Soil	AQA-19236	19236	Thornapple Creek Road east depth 30"-36" hit bedrock no	313757	4983377		Very strongly oxidized sand with blu, partially dissintegrated rock fragments	9/16/2011	Aquila
Soil	AQA-19237	19237	Thornapple Creek Road east depth 0"-6" hit bedrock yes?	313766	4983512		Top soil. Drilled 5 holes, kept hitting rock, bedrock? Gabro boulders at surface.	9/16/2011	Aquila
Soil	AQA-19238	19238	Thornapple Creek Road east depth 6"-21" hit bedrock no	313764	4983613		Moderately oxidized, fine grained till/overburden with blue, dissintegrated rock fragments.	9/16/2011	Aquila
Soil	AQA-19239	19239	Thornapple Creek Road east depth 21"-36" hit bedrock no	313764	4983613		Moderately oxidized very fine grained silt with white fine mineral	9/16/2011	Aquila
Soil	AQA-19240	19240	Thornapple Creek Road east depth 12"-18" hit bedrock no	313766	4983751		Light brown soil with light oxidation with quartz fragments and stronger oxidation at 18". *Augered several holes all hit rock around 12"-18"	9/16/2011	Aquila
Soil	AQA-19241	19241	Thornapple Creek Road east depth 6"-12" hit bedrock no	313861	4983950		Moderately oxidized sandy till/overburden with pebbles (including quartz)	9/16/2011	Aquila
Soil	AQA-19242	19242	Thornapple Creek Road east depth 12"-24" hit bedrock no	313861	4983950		Strongly oxidized red clay with blue clay fragmental like rock fragments (disintegrated rock fragments)	9/16/2011	Aquila
Soil	AQA-19243	19243	Thornapple Creek Road east depth 24"-36" hit bedrock no	313861	4983950		blue/grey clay, former bedrock?	9/16/2011	Aquila
Soil	AQA-19244	19244	Thornapple Creek Road east depth boulder hit bedrock NA	313893	4984086		Lightly Oxidized quartz boulder near gabbro outcrop	9/16/2011	Aquila
Soil	AQA-19245	19245	Thornapple Creek Road east depth 12"-30" hit bedrock yes	313904	4984141		Strongly oxidized sandy till/overburden. Hit bedrok at 30".	9/16/2011	Aquila
Soil	AQA-19246	19246	County Rd Z South depth 6"-18" hit bedrock no	310170	4984334		samples taken after a day of rain, muddy ,light brownto grey soil	9/19/2011	Aquila
Soil	AQA-19247	19247	County Rd Z South depth 18"-30" hit bedrock yes?	310170	4984334		very muddy light brown with green frags sandy	9/19/2011	Aquila
Soil	AQA-19248	19248	County Rd Z south depth 12"-24" hit bedrock no	310266	4984328		mod oxidized clay with some gray	9/19/2011	Aquila
Soil	AQA-19249	19249	County Rd Z south depth 24"-36" hit bedrock no	310266	4984328		wet, dark brown mud with small pebblesmixed with fine sand. Lost most of sample as it ran off of auger	9/19/2011	Aquila
Soil	AQA-19250	19250	County Rd Z south depth 12"-18" hit bedrock no	310533	4984309		standing water near by oxidized sandy small frags	9/19/2011	Aquila
Soil	AQA-19251	19251	County Rd Z south depth 18"-36" hit bedrock no	310533	4984309		strongly oxidizedgrey black clay	9/19/2011	Aquila
Soil	AQA-19252	19252	County Rd Z south depth 12"-18" hit bedrock no	310607	4984315		oxidized sandy small rock frags	9/19/2011	Aquila
Soil	AQA-19253	19253	County Rd Z south depth 18"-36" hit bedrock no	310607	4984315		small rock frags light brown mud lost most of sample wet and runny(rain)	9/19/2011	Aquila
Soil	AQA-19254	19254	County Rd Z south depth 12"-21" hit bedrock yes	310655	4984307		moderate oxidation claylike small stones and organics 3 attempts all hit rock at about 21"	9/19/2011	Aquila
Soil	AQA-19255	19255	County Rd Z south depth 18"-30" hit bedrock no	310722	4984366		lightly oxidized small pebbles	9/19/2011	Aquila
Soil	AQA-19256	19256	County Rd Z south depth 30"-36" hit bedrock no	310722	4984366		highly oxidized small pebbles quartz frags	9/19/2010	Aquila
Soil	AQA-19257	19257	County Rd Z south depth 12"-36" hit bedrock no	310760	4984310		lightly oxidizedand sandy to 24"small pebbles and some gray material at30"	9/20/2011	Aquila
Soil	AQA-19258	19258	County Rd Z south depth 12"-36" hit bedrock no	310812	4984302		strong oxidation sandy small pebbles and rock frags disintigratedrock frags at 3'	9/20/2011	Aquila
Soil	AQA-19259	19259	County Rd Z south depth 12"-36" hit bedrock no	310917	4984294		at surface small pebbles rock frags mod-strong oxidationgrey-green rock frags many small pebbles	9/20/2011	Aquila
Soil	AQA-19260	19260	County Rd Z south depth 12"-30" hit bedrock yes?	311125	4984286		light to mod oxidayion disintigrated rock frags	9/20/2011	Aquila
Soil	AQA-19261	19261	County Rd Z south depth 12"-36" hit bedrock no	311196	4984282		light oxidation fine sandy to course sand	9/20/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-19230	19230	Inspectorate	5	0.01	0.600	0.30	1.55	2.50	185.00	1.00	0.30	0.25	8.00	47.00	27.00	2.68	1.50	0.49	12.00	0.68	245.00	1.00	0.03	4.00	930.00	2.00
Soil	AQA-19231	19231	Inspectorate	3	0.00	0.300	0.05	0.75	2.50	65.00	1.00	0.10	0.25	3.00	318.00	10.00	1.55	1.50	0.13	10.00	0.19	150.00	8.00	0.03	12.00	365.00	6.00
Soil	AQA-19232	19232	Inspectorate	3	0.00	0.100	0.05	0.45	2.50	40.00	1.00	0.06	0.25	3.00	176.00	8.00	0.94	1.50	0.11	10.00	0.10	135.00	5.00	0.02	7.00	265.00	4.00
Soil	AQA-19233	19233	Inspectorate	3	0.00	0.050	0.05	0.99	2.50	65.00	1.00	0.10	0.25	4.00	128.00	12.00	2.07	1.50	0.14	12.00	0.16	130.00	3.00	0.02	8.00	420.00	6.00
Soil	AQA-19234	19234	Inspectorate	3	0.00	0.300	0.05	0.71	15.00	50.00	4.00	0.10	0.25	5.00	186.00	11.00	1.62	1.50	0.12	10.00	0.15	160.00	5.00	0.02	9.00	365.00	10.00
Soil	AQA-19235	19235	Inspectorate	3	0.00	0.050	0.05	0.62	2.50	45.00	1.00	0.07	0.25	5.00	178.00	10.00	1.30	1.50	0.14	12.00	0.14	205.00	5.00	0.02	8.00	310.00	4.00
Soil	AQA-19236	19236	Inspectorate	3	0.00	0.050	0.05	0.80	2.50	65.00	1.00	0.12	0.25	7.00	182.00	11.00	1.84	1.50	0.14	12.00	0.28	250.00	5.00	0.02	8.00	500.00	4.00
Soil	AQA-19237	19237	Inspectorate	3	0.00	0.050	0.05	1.42	2.50	95.00	2.00	0.07	0.25	8.00	468.00	17.00	2.17	1.50	0.17	10.00	0.21	270.00	13.00	0.03	18.00	470.00	6.00
Soil	AQA-19238	19238	Inspectorate	3	0.00	0.200	0.05	0.83	10.00	80.00	1.00	0.12	0.25	8.00	193.00	25.00	1.51	1.50	0.14	12.00	0.32	370.00	5.00	0.02	9.00	420.00	4.00
Soil	AQA-19239	19239	Inspectorate	3	0.00	0.050	0.05	0.95	2.50	80.00	1.00	0.16	0.25	7.00	96.00	61.00	1.60	1.50	0.28	10.00	0.40	225.00	3.00	0.01	7.00	425.00	1.00
Soil	AQA-19240	19240	Inspectorate	3	0.00	0.200	0.05	0.77	2.50	75.00	1.00	0.08	0.25	7.00	418.00	9.00	1.55	1.50	0.16	10.00	0.18	500.00	11.00	0.03	13.00	440.00	6.00
Soil	AQA-19241	19241	Inspectorate	3	0.00	0.200	0.05	0.93	5.00	100.00	1.00	0.13	0.25	6.00	261.00	9.00	2.19	1.50	0.26	28.00	0.20	565.00	8.00	0.03	11.00	660.00	6.00
Soil	AQA-19242	19242	Inspectorate	3	0.00	0.100	0.05	0.78	2.50	105.00	1.00	0.23	0.25	8.00	211.00	12.00	2.89	1.50	0.26	28.00	0.21	765.00	6.00	0.03	9.00	980.00	8.00
Soil	AQA-19243	19243	Inspectorate	3	0.00	0.300	0.05	0.87	10.00	200.00	1.00	0.21	0.25	11.00	95.00	16.00	3.32	1.50	0.20	20.00	0.21	1075.00	3.00	0.02	9.00	995.00	8.00
Soil	AQA-19244	19244	Inspectorate																								
Soil	AQA-19245	19245	Inspectorate	3	0.00	0.200	0.05	0.62	5.00	60.00	1.00	0.14	0.25	5.00	339.00	11.00	1.88	1.50	0.14	12.00	0.18	330.00	9.00	0.02	13.00	525.00	6.00
Soil	AQA-19246	19246	Inspectorate	31	0.03	0.050	0.05	0.64	2.50	95.00	1.00	0.10	0.25	4.00	121.00	11.00	1.03	1.50	0.12	18.00	0.19	85.00	3.00	0.03	7.00	275.00	5.00
Soil	AQA-19247	19247	Inspectorate	3	0.00	0.050	0.05	0.59	2.50	80.00	1.00	0.08	0.25	3.00	151.00	12.00	1.04	1.50	0.11	16.00	0.18	90.00	4.00	0.03	7.00	245.00	5.00
Soil	AQA-19248	19248	Inspectorate	3	0.00	0.100	0.30	0.79	15.00	140.00	1.00	0.14	0.50	8.00	83.00	13.00	1.44	1.50	0.12	14.00	0.21	875.00	2.00	0.01	9.00	460.00	84.00
Soil	AQA-19249	19249	Inspectorate	3	0.00	0.050	0.05	0.54	5.00	75.00	1.00	0.06	0.25	5.00	170.00	9.00	1.13	1.50	0.11	12.00	0.15	370.00	4.00	0.01	7.00	300.00	31.00
Soil	AQA-19250	19250	Inspectorate	3	0.00	0.050	0.05	0.63	5.00	85.00	1.00	0.06	0.25	6.00	171.00	7.00	1.36	1.50	0.14	12.00	0.16	415.00	4.00	0.02	7.00	300.00	7.00
Soil	AQA-19251	19251	Inspectorate	3	0.00	0.050	0.05	0.66	5.00	75.00	2.00	0.06	0.25	4.00	195.00	9.00	1.83	1.50	0.12	12.00	0.17	270.00	6.00	0.01	7.00	345.00	12.00
Soil	AQA-19252	19252	Inspectorate	3	0.00	0.050	0.05	1.17	25.00	155.00	1.00	0.10	0.25	9.00	290.00	14.00	1.98	1.50	0.33	22.00	0.37	1045.00	9.00	0.03	12.00	375.00	5.00
Soil	AQA-19253	19253	Inspectorate	3	0.00	0.050	0.05	1.11	25.00	235.00	1.00	0.10	0.25	8.00	127.00	15.00	1.97	1.50	0.32	22.00	0.36	1350.00	4.00	0.02	10.00	370.00	5.00
Soil	AQA-19254	19254	Inspectorate	3	0.00	0.050	0.05	0.89	5.00	75.00	1.00	0.03	0.25	6.00	218.00	9.00	1.46	1.50	0.12	8.00	0.22	270.00	6.00	0.02	9.00	270.00	2.00
Soil	AQA-19255	19255	Inspectorate	3	0.00	0.050	0.05	0.69	2.50	100.00	1.00	0.07	0.25	6.00	323.00	9.00	1.50	1.50	0.11	8.00	0.18	465.00	8.00	0.02	12.00	305.00	5.00
Soil	AQA-19256	19256	Inspectorate	3	0.00	0.050	0.05	0.64	2.50	80.00	1.00	0.06	0.25	5.00	159.00	8.00	1.15	1.50	0.15	12.00	0.21	275.00	4.00	0.02	7.00	235.00	2.00
Soil	AQA-19257	19257	Inspectorate	3	0.00	0.050	0.05	1.30	2.50	130.00	1.00	0.07	0.25	8.00	135.00	14.00	1.98	1.50	0.32	22.00	0.47	255.00	3.00	0.02	7.00	310.00	1.00
Soil	AQA-19258	19258	Inspectorate	3	0.00	0.050	0.05	0.67	2.50	60.00	1.00	0.05	0.25	5.00	202.00	9.00	1.51	1.50	0.14	12.00	0.19	200.00	5.00	0.01	6.00	245.00	1.00
Soil	AQA-19259	19259	Inspectorate	3	0.00	0.100	0.05	0.86	2.50	85.00	1.00	0.05	0.25	6.00	230.00	7.00	1.66	1.50	0.23	14.00	0.26	280.00	6.00	0.02	8.00	215.00	2.00
Soil	AQA-19260	19260	Inspectorate	3	0.00	0.100	0.05	1.41	2.50	90.00	1.00	0.05	0.25	8.00	129.00	4.00	2.07	1.50	0.39	10.00	0.42	305.00	3.00	0.02	6.00	275.00	1.00
Soil	AQA-19261	19261	Inspectorate	3	0.00	0.050	0.05	0.99	2.50	100.00	1.00	0.06	0.25	6.00	215.00	6.00	1.60	1.50	0.23	8.00	0.28	285.00	6.00	0.02	8.00	250.00	1.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-19230	19230	1.00	11.00	14.00	0.05	5.00	58.00	5.00	60.00	12.00
Soil	AQA-19231	19231	1.00	2.00	8.00	0.02	5.00	29.00	5.00	14.00	4.00
Soil	AQA-19232	19232	1.00	2.00	5.00	0.02	5.00	21.00	5.00	10.00	6.00
Soil	AQA-19233	19233	1.00	4.00	7.00	0.02	5.00	51.00	5.00	14.00	14.00
Soil	AQA-19234	19234	1.00	4.00	6.00	0.02	5.00	38.00	5.00	24.00	12.00
Soil	AQA-19235	19235	1.00	3.00	5.00	0.02	5.00	32.00	5.00	14.00	10.00
Soil	AQA-19236	19236	1.00	5.00	7.00	0.02	5.00	46.00	5.00	18.00	14.00
Soil	AQA-19237	19237	4.00	2.00	6.00	0.03	5.00	41.00	5.00	32.00	4.00
Soil	AQA-19238	19238	1.00	4.00	6.00	0.02	5.00	31.00	5.00	26.00	8.00
Soil	AQA-19239	19239	1.00	5.00	8.00	0.02	5.00	37.00	5.00	30.00	8.00
Soil	AQA-19240	19240	1.00	2.00	7.00	0.03	5.00	28.00	5.00	20.00	2.00
Soil	AQA-19241	19241	1.00	2.00	9.00	0.02	5.00	33.00	5.00	32.00	4.00
Soil	AQA-19242	19242	1.00	3.00	10.00	0.02	5.00	48.00	5.00	32.00	6.00
Soil	AQA-19243	19243	1.00	4.00	11.00	0.01	5.00	52.00	5.00	32.00	8.00
Soil	AQA-19244	19244									
Soil	AQA-19245	19245	1.00	2.00	8.00	0.03	5.00	39.00	5.00	18.00	2.00
Soil	AQA-19246	19246	1.00	2.00	11.00	0.02	5.00	23.00	5.00	29.00	4.00
Soil	AQA-19247	19247	1.00	2.00	9.00	0.02	5.00	23.00	5.00	29.00	4.00
Soil	AQA-19248	19248	1.00	3.00	15.00	0.01	5.00	28.00	5.00	114.00	2.00
Soil	AQA-19249	19249	1.00	2.00	7.00	0.02	5.00	21.00	5.00	47.00	2.00
Soil	AQA-19250	19250	1.00	2.00	9.00	0.03	5.00	29.00	5.00	29.00	1.00
Soil	AQA-19251	19251	1.00	2.00	7.00	0.03	5.00	34.00	5.00	26.00	4.00
Soil	AQA-19252	19252	1.00	4.00	12.00	0.06	5.00	43.00	5.00	31.00	12.00
Soil	AQA-19253	19253	1.00	5.00	11.00	0.05	5.00	43.00	5.00	31.00	20.00
Soil	AQA-19254	19254	1.00	2.00	6.00	0.04	5.00	29.00	5.00	26.00	2.00
Soil	AQA-19255	19255	1.00	1.00	10.00	0.03	5.00	29.00	5.00	31.00	1.00
Soil	AQA-19256	19256	1.00	2.00	8.00	0.03	5.00	25.00	5.00	21.00	2.00
Soil	AQA-19257	19257	1.00	5.00	11.00	0.08	5.00	43.00	5.00	36.00	16.00
Soil	AQA-19258	19258	1.00	3.00	7.00	0.04	5.00	33.00	5.00	16.00	8.00
Soil	AQA-19259	19259	1.00	3.00	9.00	0.05	5.00	32.00	5.00	31.00	4.00
Soil	AQA-19260	19260	1.00	5.00	8.00	0.09	5.00	35.00	5.00	26.00	10.00
Soil	AQA-19261	19261	1.00	3.00	10.00	0.05	5.00	27.00	5.00	26.00	4.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-19262	19262	County Rd Z south depth 6"-30" hit bedrock yes?	311249	4984284		light to strong oxidation course grained sand rock frag/pebbles one rock about 2cm	9/20/2011	Aquila
Soil	AQA-19263	19263	County Rd Z south depth 6"-24" hit bedrock no	311298	4984281		light to strongly oxidized withdisintegrated rock frags clay	9/20/2011	Aquila
Soil	AQA-19264	19264	County Rd Z south depth 24"30" hit bedrock yes	311298	4984281		course grained sandy strongly oxidized	9/20/2011	Aquila
Soil	AQA-19265	19265	County Rd Z south depth 12"18" hit bedrock yes	3111362	4984273		light oxidation sandy	9/20/2011	Aquila
Soil	AQA-19266	19266	County Rd Z south depth 12"-24" hit bedrock yes?	311415	4984268		sandy light oxidation	9/20/2011	Aquila
Soil	AQA-19267	19267	County Rd Z south depth 18"-24" hit bedrock no	311459	4984267		light to mod oxidayion course grained small pebbles(1cm) at surface	9/20/2011	Aquila
Soil	AQA-19268	19268	County Rd Z south depth 24"-36" hit bedrock no	311459	4984267		mod to strong oxidation course grain sandy many small pebbles and rock frags	9/20/2011	Aquila
Soil	AQA-19269	19269	County Rd Z south depth 8"-36" hit bedrock no	311563	4984261		light to strongly oxidized withdisintegrated rock frags and pebbles	9/20/2011	Aquila
Soil	AQA-19270	19270	County Rd Z south depth 24"-36" hit bedrock no	311731	4984251		lost most of sample in water Brown grey mud	9/20/2011	Aquila
Soil	AQA-19271	19271	County Rd Z south depth 6"-36" hit bedrock no	311818	4984245		grey red mud standing waterin ditches	9/20/2011	Aquila
Soil	AQA-19272	19272	County Rd Z south depth 14"-34" hit bedrock yes	311862	4984242		small rocks at surface light oxidation sandy soil small pebbles one rock (3cm)	9/20/2011	Aquila
Soil	AQA-19273	19273	County Rd Z south depth 12"-36" hit bedrock no	311950	4984238		light gray oxidation mostly clay like	9/20/2011	Aquila
Soil	AQA-19274	19274	County Rd Z south depth 6"-24" hit bedrock yes	312048	4984235		small pebbles mod oxidation	9/20/2011	Aquila
Soil	AQA-19275	19275	County Rd Z south depth 8"-36" hit bedrock no	312098	4984238		light oxidation rock frags	9/20/2011	Aquila
Soil	AQA-19276	19276	County Rd Z south depth 12"36" hit bedrock no	312194	4984230		light to mod oxidationsmall rock frags/disintigrratedfrags	9/20/2011	Aquila
Soil	AQA-19277	19277	County Rd Z south depth 12"-36" hit bedrock no	312265	4984226		light grey and brown light to mod oxidation one rock 3cm	9/20/2011	Aquila
Soil	AQA-19278	19278	County Rd Z south depth 12"36" hit bedrock no	312319	4984225		claylike small pebbles frags strong oxidation	9/20/2011	Aquila
Soil	AQA-19279	19279	County Rd Z south depth 14"36" hit bedrock no	312380	4984221		sandy course graindisintigratedrock frags	9/20/2011	Aquila
Soil	AQA-19280	19280	County Rd Z south depth 18"36" hit bedrock no	314605	4984137		light to heavy oxidation small pebbles	9/21/2011	Aquila
Soil	AQA-19281	19281	County Rd Z south depth 14"36" hit bedrock no	314732	4984123		next to corn field disintigrated rock frags highly oxidized dark brown red	9/21/2011	Aquila
Soil	AQA-19282	19282	County Rd Z south depth 12"-34" hit bedrock yes	314839	4984116		clay stones pebbles some greys,greens	9/21/2011	Aquila
Soil	AQA-19283	19283	County Rd Z south depth 14"-36" hit bedrock no	315004	4984111		brown/red mud with small pebbles standing water in ditch	9/21/2011	Aquila
Soil	AQA-19284	19284	County Rd Z south depth 12"-36" hit bedrock no	315141	4984108		sandy light to dark brown quartze stone about 4cm mod oxidation	9/21/2011	Aquila
Soil	AQA-19285	19285	County Rd Z south depth 12"-34" hit bedrock yes	315266	4984095		course sand strong oxidation rock frags	9/21/2011	Aquila
Soil	AQA-19286	19286	County Rd Z south depth 12"-36" hit bedrock no	315439	4984094		sandy brown mud sample very wet small pebbles	9/21/2011	Aquila
Soil	AQA-19287	19287	County Rd Z south depth 18"-30" hit bedrock yes?	315522	4984093		sandy brown mud with somered orange	9/21/2011	Aquila
Soil	AQA-19288	19288	County Rd Z south depth 12"26" hit bedrock yes?	315661	4984088		sandy, brown light /mod oxidation	9/21/2011	Aquila
Soil	AQA-19289	19289	County Rd Z south depth 12"-24" hit bedrock yes	315841	4984087		dark sandy soil, small pebbles, larg boulders in area	9/21/2011	Aquila
Soil	AQA-19290	19290	County Rd Z south depth 12"-24" hit bedrock yes	316053	4984080		dark brown/red course sand very stoney	9/21/2011	Aquila
Soil	AQA-19291	19291	County Rd Z south depth 0"-12" hit bedrock yes	316198	4984081		many small rock frags/pebbles dark brown/red	9/21/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-19262	19262	Inspectorate	3	0.00	0.050	0.05	0.85	2.50	65.00	1.00	0.04	0.25	5.00	172.00	9.00	1.40	1.50	0.18	10.00	0.23	175.00	4.00	0.02	8.00	215.00	1.00
Soil	AQA-19263	19263	Inspectorate	3	0.00	0.050	0.05	0.81	2.50	80.00	2.00	0.06	0.25	5.00	123.00	8.00	1.46	1.50	0.10	18.00	0.19	385.00	3.00	0.03	7.00	275.00	5.00
Soil	AQA-19264	19264	Inspectorate	3	0.00	0.050	0.05	0.79	2.50	75.00	1.00	0.07	0.25	5.00	190.00	11.00	1.72	1.50	0.14	22.00	0.21	260.00	5.00	0.03	8.00	320.00	2.00
Soil	AQA-19265	19265	Inspectorate	5	0.01	0.050	0.05	0.95	5.00	70.00	1.00	0.05	0.25	6.00	152.00	14.00	1.67	1.50	0.16	10.00	0.26	280.00	4.00	0.03	7.00	280.00	43.00
Soil	AQA-19266	19266	Inspectorate	3	0.00	0.050	0.05	1.03	5.00	80.00	1.00	0.03	0.25	7.00	152.00	8.00	1.68	1.50	0.22	10.00	0.30	245.00	4.00	0.02	8.00	275.00	1.00
Soil	AQA-19267	19267	Inspectorate	3	0.00	0.050	0.05	1.08	2.50	95.00	1.00	0.05	0.25	7.00	119.00	8.00	1.63	1.50	0.26	10.00	0.31	260.00	3.00	0.02	6.00	260.00	2.00
Soil	AQA-19268	19268	Inspectorate	3	0.00	0.050	0.10	1.28	2.50	115.00	1.00	0.05	0.25	7.00	163.00	7.00	1.86	1.50	0.33	12.00	0.41	200.00	4.00	0.02	6.00	255.00	1.00
Soil	AQA-19269	19269	Inspectorate	3	0.00	0.050	0.05	1.13	2.50	120.00	1.00	0.09	0.25	7.00	114.00	7.00	2.07	1.50	0.24	18.00	0.41	290.00	3.00	0.03	5.00	405.00	1.00
Soil	AQA-19270	19270	Inspectorate	3	0.00	0.050	0.05	1.50	2.50	150.00	1.00	0.12	0.25	6.00	533.00	20.00	2.24	1.50	0.38	18.00	0.37	315.00	14.00	0.09	13.00	500.00	17.00
Soil	AQA-19271	19271	Inspectorate	3	0.00	0.050	0.05	0.77	2.50	100.00	1.00	0.08	0.25	4.00	124.00	13.00	1.48	1.50	0.10	12.00	0.18	180.00	3.00	0.03	7.00	380.00	5.00
Soil	AQA-19272	19272	Inspectorate	3	0.00	0.050	0.05	0.75	2.50	70.00	1.00	0.05	0.25	6.00	212.00	12.00	1.48	1.50	0.11	10.00	0.21	240.00	5.00	0.03	10.00	265.00	5.00
Soil	AQA-19273	19273	Inspectorate	3	0.00	0.050	0.05	0.82	2.50	70.00	1.00	0.06	0.25	4.00	100.00	10.00	1.32	1.50	0.08	10.00	0.16	230.00	2.00	0.02	8.00	175.00	7.00
Soil	AQA-19274	19274	Inspectorate	3	0.00	0.050	0.05	0.83	5.00	55.00	1.00	0.06	0.25	4.00	115.00	31.00	1.41	1.50	0.09	12.00	0.20	100.00	3.00	0.02	9.00	180.00	5.00
Soil	AQA-19275	19275	Inspectorate	3	0.00	0.050	0.05	0.73	2.50	55.00	1.00	0.06	0.25	5.00	134.00	13.00	1.25	1.50	0.09	12.00	0.20	130.00	3.00	0.03	9.00	210.00	5.00
Soil	AQA-19276	19276	Inspectorate	3	0.00	0.050	0.05	0.74	2.50	65.00	1.00	0.06	0.25	5.00	136.00	12.00	1.24	1.50	0.09	14.00	0.20	185.00	3.00	0.02	9.00	210.00	5.00
Soil	AQA-19277	19277	Inspectorate	3	0.00	0.050	0.05	0.91	2.50	75.00	1.00	0.06	0.25	5.00	92.00	15.00	1.66	1.50	0.09	14.00	0.24	175.00	2.00	0.02	11.00	270.00	5.00
Soil	AQA-19278	19278	Inspectorate	3	0.00	0.050	0.05	0.80	2.50	70.00	1.00	0.05	0.25	4.00	75.00	11.00	1.18	1.50	0.06	12.00	0.15	190.00	1.00	0.02	7.00	195.00	7.00
Soil	AQA-19279	19279	Inspectorate	3	0.00	0.050	0.05	1.53	2.50	175.00	1.00	0.07	0.25	11.00	96.00	15.00	2.43	1.50	0.32	14.00	0.54	660.00	2.00	0.03	7.00	580.00	5.00
Soil	AQA-19280	19280	Inspectorate	3	0.00	0.050	0.05	0.84	5.00	85.00	1.00	0.09	0.25	8.00	103.00	17.00	1.69	1.50	0.09	12.00	0.21	390.00	3.00	0.02	8.00	410.00	5.00
Soil	AQA-19281	19281	Inspectorate	5	0.01	0.050	0.05	0.80	2.50	75.00	1.00	0.08	0.25	6.00	74.00	12.00	1.38	1.50	0.06	10.00	0.19	295.00	1.00	0.02	8.00	255.00	5.00
Soil	AQA-19282	19282	Inspectorate	15	0.02	0.050	0.05	0.82	2.50	75.00	1.00	0.07	0.25	7.00	100.00	13.00	1.41	1.50	0.10	12.00	0.24	270.00	2.00	0.01	9.00	250.00	5.00
Soil	AQA-19283	19283	Inspectorate	3	0.00	0.050	0.05	0.70	2.50	60.00	1.00	0.06	0.25	7.00	166.00	14.00	1.30	1.50	0.07	12.00	0.21	315.00	4.00	0.03	11.00	235.00	5.00
Soil	AQA-19284	19284	Inspectorate	3	0.00	0.050	0.05	0.77	2.50	65.00	1.00	0.06	0.25	6.00	143.00	13.00	1.36	1.50	0.09	12.00	0.22	310.00	3.00	0.03	11.00	250.00	2.00
Soil	AQA-19285	19285	Inspectorate	3	0.00	0.050	0.05	0.75	2.50	55.00	1.00	0.05	0.25	7.00	143.00	14.00	1.31	1.50	0.10	12.00	0.21	205.00	3.00	0.03	11.00	220.00	1.00
Soil	AQA-19286	19286	Inspectorate	3	0.00	0.050	0.05	0.70	2.50	60.00	1.00	0.08	0.25	4.00	157.00	12.00	1.23	1.50	0.09	12.00	0.23	135.00	4.00	0.03	9.00	255.00	2.00
Soil	AQA-19287	19287	Inspectorate	3	0.00	0.050	0.05	0.71	2.50	65.00	1.00	0.07	0.25	6.00	147.00	11.00	1.42	1.50	0.07	10.00	0.21	375.00	3.00	0.03	9.00	300.00	5.00
Soil	AQA-19288	19288	Inspectorate	3	0.00	0.050	0.05	0.72	2.50	75.00	1.00	0.07	0.25	6.00	121.00	11.00	1.32	1.50	0.09	12.00	0.21	340.00	3.00	0.02	9.00	275.00	2.00
Soil	AQA-19289	19289	Inspectorate	3	0.00	0.050	0.05	0.71	2.50	70.00	1.00	0.03	0.25	6.00	223.00	7.00	1.38	1.50	0.13	18.00	0.14	465.00	6.00	0.03	9.00	250.00	5.00
Soil	AQA-19290	19290	Inspectorate	3	0.00	0.100	0.05	0.74	5.00	65.00	1.00	0.03	0.25	4.00	208.00	8.00	1.57	1.50	0.30	50.00	0.14	170.00	6.00	0.04	8.00	280.00	5.00
Soil	AQA-19291	19291	Inspectorate	3	0.00	0.050	0.05	0.71	5.00	75.00	1.00	0.06	0.25	5.00	154.00	8.00	1.45	1.50	0.15	32.00	0.17	375.00	4.00	0.03	7.00	320.00	5.00

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-19262	19262	1.00	2.00	7.00	0.04	5.00	26.00	5.00	21.00	6.00
Soil	AQA-19263	19263	1.00	3.00	9.00	0.02	5.00	27.00	5.00	23.00	2.00
Soil	AQA-19264	19264	1.00	3.00	9.00	0.02	5.00	26.00	5.00	29.00	10.00
Soil	AQA-19265	19265	1.00	3.00	5.00	0.04	5.00	29.00	5.00	52.00	4.00
Soil	AQA-19266	19266	1.00	4.00	5.00	0.05	5.00	30.00	5.00	26.00	6.00
Soil	AQA-19267	19267	1.00	3.00	8.00	0.05	5.00	30.00	5.00	23.00	6.00
Soil	AQA-19268	19268	1.00	5.00	8.00	0.06	5.00	33.00	5.00	26.00	12.00
Soil	AQA-19269	19269	1.00	4.00	12.00	0.05	5.00	36.00	5.00	31.00	10.00
Soil	AQA-19270	19270	1.00	6.00	18.00	0.06	5.00	42.00	5.00	88.00	12.00
Soil	AQA-19271	19271	1.00	2.00	11.00	0.02	5.00	30.00	5.00	31.00	1.00
Soil	AQA-19272	19272	1.00	2.00	6.00	0.03	5.00	31.00	5.00	29.00	2.00
Soil	AQA-19273	19273	1.00	2.00	7.00	0.01	5.00	29.00	5.00	21.00	2.00
Soil	AQA-19274	19274	1.00	3.00	6.00	0.02	5.00	29.00	5.00	44.00	10.00
Soil	AQA-19275	19275	1.00	3.00	6.00	0.03	5.00	29.00	5.00	21.00	8.00
Soil	AQA-19276	19276	1.00	3.00	7.00	0.02	5.00	29.00	5.00	23.00	2.00
Soil	AQA-19277	19277	1.00	3.00	7.00	0.02	5.00	34.00	5.00	31.00	2.00
Soil	AQA-19278	19278	1.00	3.00	8.00	0.01	5.00	31.00	5.00	21.00	2.00
Soil	AQA-19279	19279	1.00	6.00	8.00	0.07	5.00	47.00	5.00	57.00	6.00
Soil	AQA-19280	19280	1.00	3.00	10.00	0.02	5.00	45.00	5.00	31.00	2.00
Soil	AQA-19281	19281	1.00	3.00	8.00	0.01	5.00	30.00	5.00	29.00	2.00
Soil	AQA-19282	19282	1.00	3.00	7.00	0.02	5.00	32.00	5.00	29.00	4.00
Soil	AQA-19283	19283	1.00	3.00	7.00	0.03	5.00	33.00	5.00	26.00	6.00
Soil	AQA-19284	19284	1.00	3.00	6.00	0.03	5.00	31.00	5.00	26.00	6.00
Soil	AQA-19285	19285	1.00	3.00	6.00	0.03	5.00	33.00	5.00	26.00	6.00
Soil	AQA-19286	19286	1.00	3.00	7.00	0.03	5.00	25.00	5.00	23.00	4.00
Soil	AQA-19287	19287	1.00	2.00	7.00	0.03	5.00	32.00	5.00	23.00	1.00
Soil	AQA-19288	19288	1.00	2.00	6.00	0.03	5.00	28.00	5.00	21.00	4.00
Soil	AQA-19289	19289	1.00	1.00	4.00	0.02	5.00	21.00	5.00	34.00	1.00
Soil	AQA-19290	19290	1.00	2.00	4.00	0.04	5.00	16.00	5.00	42.00	4.00
Soil	AQA-19291	19291	1.00	2.00	5.00	0.03	5.00	24.00	5.00	34.00	1.00

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil	AQA-19292	19292	County Rd Z south depth 0"12" hit bedrock yes	316328	4984075		gravel lost most sample cave in	9/21/2011	Aquila
Soil	AQA-19293	19293	County Rd Z south depth 0"-6" hit bedrock yes	316426	49844071		topsoil /pebbles	9/21/2011	Aquila
Soil	AQA-19294	19294	Forestville Road west depth 12"36" hit bedrock no	311697	4981803		light brown loose sandy soil	9/22/2011	Aquila
Soil	AQA-19295	19295	Forestville Road west depth 9"-36" hit bedrock no	311694	4981707		disintigrated rock/pebble frags blue green light brown soil	9/22/2011	Aquila
Soil	AQA-19296	19296	Forestville Road west depth 4"-9" hit bedrock yes?	311692	4981621		light brown sandy soil	9/22/2011	Aquila
Soil	AQA-19297	19297	Forestville Road west depth 4"- hit bedrock	311688	4981515		pebbles up to 1 cm light to mod oxidation light brown soil dintegrated rock frags/pebbles	9/22/2011	Aquila
Soil	AQA-19298	19298	Forestville Road west depth 2"-36" hit bedrock no	311683	4981406		sandy course grainedsmall pebbles, dark red and greyat depthof 24-34"disintigrated rock frags	9/22/2011	Aquila
Soil	AQA-19299	19299	Forestville Road west depth 14"-36" hit bedrock	311681	4981300		red /grey mud claylike sample very wet standing water in ditch	9/22/2011	Aquila
Soil	AQA-19300	19300	Forestville Road west depth 0"-36" hit bedrock no	311674	4981192		light brown/red at surface, 20-36" green stones 3cm dissintegrated rock frags/pebbles soil dark brown/red	9/22/2011	Aquila
Soil		0		316017	4984076		unable to collect sample larg boulders man made pounds in area		Badger Gold
Soil		0		316540	4984074		could not collect sample bedrock at surface		Badger Gold
Soil		18969	Drill site area, profile samples east depth 0-6" hit bedrock no	313433	4980377		Top Soil/Organics	9/22/2011	Aquila
Soil		18970	Drill site area, profile samples east depth 6-15'' hit bedrock no	313433	4980377		Overburden	9/22/2011	Aquila
Soil		18971	Drill site area, profile samples east depth 15''-36'' hit bedrock no	313433	4980377		Oxidized Overburden?	9/22/2011	Aquila
Soil		18972		313433	4980377		dark sandy mud	9/12/2011	Aquila
Soil		18973	Thornapple Creek Road east depth 18"-36" hit bedrock yes	313247	4979378		Till/overburden. Became wet/oxidized with depth. Hit bedrock at 3 feet	9/14/2011	Aquila
Soil		18974	Thornapple Creek Road east depth 12"-30" hit bedrock no	313245	4979465		Till/Overburden. Lightly oxidized with larger gravel pieces. Became extremely difficult to auger through at 30".	9/14/2011	Aquila
Soil		18975	Thornapple Creek Road east depth 12"-21" hit bedrock yes	313250	4979573		Till/Overburden. Lightly oxidized, wet at 21". Hits bedrock at 21"	9/14/2011	Aquila
Soil		18976	Thornapple Creek Road east depth 21"-37" hit bedrock yes	313252	4979679		Till/Overburden. Sandy, lightly oxidized. Hit bedrock at 37"	9/14/2011	Aquila
Soil		18977	Thornapple Creek Road east depth 15"-36" hit bedrock no	313255	4979794		Till/Overburden. Sandy, lightly-moderately oxidized.	9/14/2011	Aquila
Soil		18978	Thornapple Creek Road east depth 12"-24" hit bedrock no	313264	4979893		Till/Overburden. Lightly-moderately oxidized. Sandy from 12"-18". Gravely, hard to auger from 18"-24".	9/14/2011	Aquila
Soil		18979	Thornapple Creek Road east depth 12"-36" hit bedrock no	313266	4980013		Overburden. Moderately-strongly oxidized, silt/clay like. At 18" there are fine grained pebbles. At 36" there are blue/green rock fragments.	9/14/2011	Aquila
Soil		18980	Thornapple Creek Road east depth 24"-36" hit bedrock no	313257	4980111		Oxidized soil/Overburden. First 6" probable oxidized top soil. Last 6" sandy overburden/till.	9/14/2011	Aquila
Soil		18981	Thornapple Creek Road east depth 12"-36" hit bedrock no	313260	4980216		Overburden? Dense, grey silt/clay zone beneath unsampled, sandy wet till. Sample was moderately-strongly oxidized.	9/14/2011	Aquila
Soil		18982	Thornapple Creek Road east depth 6"-32" hit bedrock no	313283	4980391		Saprolite/red clay. Highly oxidized red clay/saprolite. *buried cable, we had to go a ways beyond 100 m.	9/14/2011	Aquila
Soil		18983	Thornapple Creek Road east depth 18"-36" hit bedrock no	313275	4980468		Saprolite/red clay. Highly oxidized red clay/saprolite. More certain it is Regolith at 30"-36"	9/14/2011	Aquila
Soil		18984	Thornapple Creek Road east depth 30"-36" hit bedrock no	313273	4980550		Grey clay. No-light oxidation.	9/14/2011	Aquila
Soil		18985	Thornapple Creek Road east depth 0"-24" hit bedrock no	313285	4980659		Dark colored mud/clay	9/14/2011	Aquila
Soil		18986	Thornapple Creek Road east depth 24"-39" hit bedrock no	313285	4980659		Highly oxidized red clay	9/14/2011	Aquila
Soil		18987	Thornapple Creek Road east depth 9"-18" hit bedrock no	313282	4980775		Light-dark grey clay with light oxidation with depth.	9/14/2011	Aquila
Soil		18988	Thornapple Creek Road east depth 18"-39" hit bedrock no	313282	4980775		Highly oxidized red clay	9/14/2011	Aquila
Soil		18989	Thornapple Creek Road east depth 5"-18" hit bedrock no	313288	4980829		Grey, moderately oxidized clay.	9/14/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil	AQA-19292	19292	Inspectorate	3	0.00	0.050	0.05	0.63	5.00	60.00	1.00	0.07	0.25	2.00	331.00	6.00	1.47	1.50	0.46	76.00	0.11	130.00	10.00	0.04	7.00	255.00	5.00
Soil	AQA-19293	19293	Inspectorate	3	0.00	0.050	0.05	0.83	2.50	75.00	1.00	0.19	0.25	4.00	426.00	12.00	1.69	1.50	0.31	34.00	0.23	265.00	12.00	0.05	9.00	370.00	14.00
Soil	AQA-19294	19294	Inspectorate	3	0.00	0.050	0.05	1.22	2.50	60.00	1.00	0.07	0.25	5.00	155.00	10.00	1.52	1.50	0.43	8.00	0.54	180.00	4.00	0.01	8.00	170.00	1.00
Soil	AQA-19295	19295	Inspectorate	35	0.04	0.050	0.05	1.57	2.50	180.00	1.00	0.16	0.25	12.00	77.00	37.00	3.25	1.50	0.50	14.00	0.55	220.00	1.00	0.01	3.00	915.00	1.00
Soil	AQA-19296	19296	Inspectorate	3	0.00	0.050	0.05	1.39	2.50	125.00	1.00	0.15	0.25	11.00	184.00	36.00	2.90	1.50	0.36	20.00	0.66	210.00	4.00	0.02	11.00	840.00	1.00
Soil	AQA-19297	19297	Inspectorate	3	0.00	0.050	0.05	1.04	5.00	135.00	1.00	0.12	0.25	12.00	90.00	26.00	1.88	1.50	0.15	10.00	0.59	230.00	2.00	0.01	9.00	375.00	1.00
Soil	AQA-19298	19298	Inspectorate	3	0.00	0.050	0.05	1.22	2.50	125.00	1.00	0.10	0.25	7.00	89.00	35.00	2.62	1.50	0.35	6.00	0.70	145.00	2.00	0.01	6.00	570.00	1.00
Soil	AQA-19299	19299	Inspectorate	11	0.01	0.300	0.60	1.25	2.50	130.00	1.00	0.13	0.25	27.00	154.00	3431.00	2.37	1.50	0.19	10.00	1.11	265.00	1.00	0.01	62.00	475.00	5.00
Soil	AQA-19300	19300	Inspectorate	103	0.10	0.100	0.30	1.38	10.00	190.00	1.00	0.13	0.25	16.00	236.00	255.00	2.77	1.50	0.13	6.00	0.77	530.00	4.00	0.01	19.00	340.00	7.00
Soil		0	No Sample													0.00											
Soil		0	No Sample													0.00											
Soil		18969	Inspectorate	3	0.00											24.00											
Soil		18970	Inspectorate	3	0.00											29.00											
Soil		18971	Inspectorate	8	0.01											38.00											
Soil		18972	Inspectorate													117.00											
Soil		18973	Inspectorate	3	0.00											12.00											
Soil		18974	Inspectorate	18	0.02											25.00											
Soil		18975	Inspectorate	3	0.00											8.00											
Soil		18976	Inspectorate	9	0.01											9.00											
Soil		18977	Inspectorate	3	0.00											12.00											
Soil		18978	Inspectorate	3	0.00											12.00											
Soil		18979	Inspectorate	15	0.02											21.00											
Soil		18980	Inspectorate	3	0.00											11.00											
Soil		18981	Inspectorate	12	0.01											14.00											
Soil		18982	Inspectorate	32	0.03											107.00											
Soil		18983	Inspectorate	26	0.03											74.00											
Soil		18984	Inspectorate	115	0.12											42.00											
Soil		18985	Inspectorate	80	0.08											47.00											
Soil		18986	Inspectorate	53	0.05											51.00											
Soil		18987	Inspectorate	21	0.02											36.00											
Soil		18988	Inspectorate	3	0.00											28.00											
Soil		18989	Inspectorate	14	0.01											25.00											

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil	AQA-19292	19292	1.00	2.00	5.00	0.05	5.00	7.00	5.00	52.00	10.00
Soil	AQA-19293	19293	1.00	2.00	9.00	0.04	5.00	15.00	5.00	57.00	4.00
Soil	AQA-19294	19294	1.00	2.00	6.00	0.03	5.00	8.00	5.00	96.00	46.00
Soil	AQA-19295	19295	1.00	10.00	10.00	0.11	5.00	83.00	5.00	47.00	20.00
Soil	AQA-19296	19296	1.00	6.00	11.00	0.10	5.00	59.00	5.00	42.00	8.00
Soil	AQA-19297	19297	1.00	7.00	13.00	0.05	5.00	56.00	5.00	31.00	6.00
Soil	AQA-19298	19298	1.00	5.00	7.00	0.04	5.00	32.00	5.00	34.00	6.00
Soil	AQA-19299	19299	1.00	9.00	7.00	0.04	5.00	61.00	5.00	31.00	4.00
Soil	AQA-19300	19300	1.00	14.00	7.00	0.07	5.00	96.00	5.00	26.00	6.00
Soil		0									
Soil		0									
Soil		18969									
Soil		18970									
Soil		18971									
Soil		18972									
Soil		18973									
Soil		18974									
Soil		18975									
Soil		18976									
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Soil		18988									
Soil		18989									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil		18990	Thornapple Creek Road east depth 18"-36" hit bedrock no	313288	4980829		Highly oxidized red clay, micaceous?	9/14/2011	Aquila
Soil		18991	Thornapple Creek Road east depth 6"-30" hit bedrock no	313284	4980940		Dark grey, lightly-moderately oxidized, micaceous clay.	9/14/2011	Aquila
Soil		18992	Thornapple Creek Road east depth 30"-39" hit bedrock no	313284	4980940		Strongly oxidized, micaceous red clay.	9/14/2011	Aquila
Soil		18993	Thornapple Creek Road east depth hit bedrock no	313290	4981071		Light-moderately oxidized mud and till. *Charlie Green stopped here	9/14/2011	Aquila
Soil		18994	Thornapple Creek Road west depth 6"-36" hit bedrock no	313270	4981186		Till/Overburden. Strongly oxidized till with blue/green rock fragments and small round pebbles. Clay/muddy matrix. *Next to Juedes cornfield	9/14/2011	Aquila
Soil		18995	Thornapple Creek Road east depth 12"-36" hit bedrock no	313298	4981394		Till/Overburden. Moderately-strongly oxidized till/clay. *Next to a field	9/14/2011	Aquila
Soil		18996	Thornapple Creek Road east depth 6"-36" hit bedrock no	313296	4981514		Strongly oxidized, green/grey clay. *Next to a field.	9/14/2011	Aquila
Soil		18997	Thornapple Creek Road east depth 24"-36" hit bedrock no	313297	4981630		Highly oxidized mud/clay with blue/green rock fragements. *Next to a field	9/15/2011	Aquila
Soil		18998	Thornapple Creek Road west depth 18"-24" hit bedrock no	313284	4981809		Sandy till/overburden with larger blue rock fragments. Lightly-moderately oxidized.	9/15/2011	Aquila
Soil		18999	Thornapple Creek Road west depth 24"-30" hit bedrock yes	313284	4981809		Blue and red (oxidized) clay/saprolite. Hit bedrock at 30"	9/15/2011	Aquila
Soil		19000	Thornapple Creek Road east depth 24"-36" hit bedrock no	313305	4981925		Dense, oxidized clay with blue rock fragments and few quartz fragments	9/15/2011	Aquila
Soil		19001	Thornapple Creek Road east depth 12"-18" hit bedrock no	313300	4982023		Highly oxidized clay with blue rock fragments. Very difficult to auger through. *Tried three different holes, could not auger any deeper than 18".	9/15/2011	Aquila
Soil		19003	Thornapple Creek Road east depth 12"-24" hit bedrock yes?	313312	4982133		Oxidized, sandy till. At 18" becomes more strongly oxidized and dense, a muddy and sandy material. Hit possible bedrock in two holes.	9/15/2011	Aquila
Soil		19004	Thornapple Creek Road east depth 12"-30" hit bedrock no	313308	4982265		Oxidized, sandy overburden/till with rock fragments	9/15/2011	Aquila
Soil		19005	Thornapple Creek Road east depth 30"-36" hit bedrock no	313308	4982265		Lightly-moderately oxidized, grey green finer grained silt	9/15/2011	Aquila
Soil		19006	Thornapple Creek Road east depth 18"-30" hit bedrock no	313316	4982336		Oxidized, sandy overburden/till, wet.	9/15/2011	Aquila
Soil		19007	Thornapple Creek Road east depth 30"-36" hit bedrock no	313316	4982336		Finer grained grey sand/silt, wet	9/15/2011	Aquila
Soil		19008	Thornapple Creek Road west depth 0"-30" hit bedrock no	313294	4982377		sand and gravel along side a stream, panning?	9/15/2011	Aquila
Soil		19009	Thornapple Creek Road east depth 6"-12" hit bedrock no	313322	4982503		Lightly-moderately oxidized clay/silt with rock fragments	9/15/2011	Aquila
Soil		19010	Thornapple Creek Road east depth 12"-24" hit bedrock no	313322	4982503		Strongly oxidized mud/clay	9/15/2011	Aquila
Soil		19011	Thornapple Creek Road east depth 24"-36" hit bedrock no	313322	4982503		strongly oxidized sandy till?	9/15/2011	Aquila
Soil		19012	Thornapple Creek Road east depth 18"-30" hit bedrock no	313323	4982582		Moderately oxidized silt/soil? With rock fragments	9/15/2011	Aquila
Soil		19013	Thornapple Creek Road east depth 30"-36" hit bedrock yes?	313323	4982582		Moderately oxidized sandy till/overburden, hit rock at 36", bedrock?	9/15/2011	Aquila
Soil		19014	Thornapple Creek Road west depth 6"-18" hit bedrock yes	313308	4982686		Top Soil. Hit bedrock at 18" in a few different holes.	9/15/2011	Aquila
Soil		19015	Thornapple Creek Road west depth 12"-33" hit bedrock yes	313305	4982757		Strongly oxidized clay with oxidized sandy intervals. Hit bedrock at 33"	9/15/2011	Aquila
Soil		19016	Forestville Rd West depth 2"-36" hit bedrock no	311568	4976317			9/28/2011	Aquila
Soil		19017	Thornapple Creek Road east depth 24"-30" hit bedrock yes	313338	4982964		Highly oxidized, more compacted, finer sand with more blue/green rock fragments than above. Hit bedrock at 30". *near field	9/15/2011	Aquila
Soil		19018	Thornapple Creek Road south depth 12"-24" hit bedrock no	313434	4982977		Lightly-moderately oxidized sandy till/overburden	9/16/2011	Aquila
Soil		19019	Thornapple Creek Road south depth 24"-30" hit bedrock no	313434	4982977		Lighter colored sandy till/overburden with small pebbles	9/16/2011	Aquila
Soil		19020	Thornapple Creek Road south depth 30"-36" hit bedrock no	313434	4982977		Moderately-strongly oxidized with some green rock fragments. Fine grained white splotches throughout	9/16/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil		18990	Inspectorate	3	0.00											56.00											
Soil		18991	Inspectorate	3	0.00											28.00											
Soil		18992	Inspectorate	3	0.00											29.00											
Soil		18993	Inspectorate	3	0.00											23.00											
Soil		18994	Inspectorate	9	0.01											79.00											
Soil		18995	Inspectorate	3	0.00											16.00											
Soil		18996	Inspectorate	12	0.01											56.00											
Soil		18997	Inspectorate	18	0.02											24.00											
Soil		18998	Inspectorate	3	0.00											51.00											
Soil		18999	Inspectorate	3	0.00											67.00											
Soil		19000	Inspectorate	32	0.03											43.00											
Soil		19001	Inspectorate	34	0.03											21.00											
Soil		19003	Inspectorate	57	0.06											105.00											
Soil		19004	Inspectorate	27	0.03											17.00											
Soil		19005	Inspectorate	3	0.00											25.00											
Soil		19006	Inspectorate	3	0.00											11.00											
Soil		19007	Inspectorate	3	0.00											10.00											
Soil		19008	Inspectorate	3	0.00											6.00											
Soil		19009	Inspectorate	4050	4.05											18.00											
Soil		19010	Inspectorate	76	0.08											11.00											
Soil		19011	Inspectorate	37	0.04											9.00											
Soil		19012	Inspectorate	26	0.03											56.00											
Soil		19013	Inspectorate	3	0.00											40.00											
Soil		19014	Inspectorate	69	0.07											59.00											
Soil		19015	Inspectorate	20	0.02											16.00											
Soil		19016	Inspectorate	3	0.00											16.00											
Soil		19017	Inspectorate	32	0.03											23.00											
Soil		19018	Inspectorate	48	0.05											14.00											
Soil		19019	Inspectorate	36	0.04											23.00											
Soil		19020	Inspectorate	23	0.02											23.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil		18990									
Soil		18991									
Soil		18992									
Soil		18993									
Soil		18994									
Soil		18995									
Soil		18996									
Soil		18997									
Soil		18998									
Soil		18999									
Soil		19000									
Soil		19001									
Soil		19003									
Soil		19004									
Soil		19005									
Soil		19006									
Soil		19007									
Soil		19008									
Soil		19009									
Soil		19010									
Soil		19011									
Soil		19012									
Soil		19013									
Soil		19014									
Soil		19015									
Soil		19016									
Soil		19017									
Soil		19018									
Soil		19019									
Soil		19020									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil		19021	Thornapple Creek Road south depth 15"-30" hit bedrock no	313540	4982970		Moderately-strongly oxidized sandy, muddy intervals of till	9/16/2011	Aquila
Soil		19022	Thornapple Creek Road south depth 30"-38" hit bedrock no	313540	4982970		Moderately-strongly oxidized sandy till/overburden with abundant blue/green rock fragments	9/16/2011	Aquila
Soil		19023	Thornapple Creek Road south depth 12"-18" hit bedrock no	313644	4982962		Moderately-strongly oxidized with small pebbles at 18"	9/16/2011	Aquila
Soil		19024	Thornapple Creek Road south depth 18"-21" hit bedrock yes	313644	4982962		Oxidized with small pebbles and white blotches.	9/16/2011	Aquila
Soil		19025	Thornapple Creek Road east depth 9"-16" hit bedrock no	313744	4982998		Moderately oxidized sandy till/overburden	9/16/2011	Aquila
Soil		19026	Thornapple Creek Road east depth 16"-24" hit bedrock yes	313744	4982998		Moderately oxidized sandy till/overburden with abundant, slighlty disintegrated blue rock fragments. Hit possible bedrock at 24"	9/16/2011	Aquila
Soil		19027	Thornapple Creek Road east depth 6"-18" hit bedrock no	313741	4983097		Moderately oxidized sandy till/overburden	9/16/2011	Aquila
Soil		19028	Thornapple Creek Road east depth 18"-26" hit bedrock yes	313741	4983097		Moderately-strongly oxidized sil/clay with abundant blue, disintegrated rock fragments. Hit possible bedrock at 26".	9/16/2011	Aquila
Soil		19029	Thornapple Creek Road east depth 6"-12" hit bedrock no	313753	4983206		Moderately oxidized silt/mud layer in the overburden	9/16/2011	Aquila
Soil		19030	Thornapple Creek Road east depth 12"-36" hit bedrock no	313753	4983206		Strongly oxidized sandy till/overburden	9/16/2011	Aquila
Soil		19031	Thornapple Creek Road east depth 12"-24" hit bedrock no	313755	4983282		Moderately oxidized sandy till/overburden with very small pebbles	9/16/2011	Aquila
Soil		19032	Thornapple Creek Road east depth 24"-33" hit bedrock yes	313755	4983282		Moderately oxidized with larger pebbles and some white blotches. Hit possible bedrock at 33"	9/16/2011	Aquila
Soil		19033	Thornapple Creek Road east depth 12"-30" hit bedrock no	313757	4983377		Strongly oxidized, sandy/pebbly till/overburden	9/16/2011	Aquila
Soil		19034	Thornapple Creek Road east depth 30"-36" hit bedrock no	313757	4983377		Very strongly oxidized sand with blu, partially dissintegrated rock fragments	9/16/2011	Aquila
Soil		19035	Thornapple Creek Road east depth 0"-6" hit bedrock yes?	313766	4983512		Top soil. Drilled 5 holes, kept hitting rock, bedrock? Gabro boulders at surface.	9/16/2011	Aquila
Soil		19036	Thornapple Creek Road east depth 6"-21" hit bedrock no	313764	4983613		Moderately oxidized, fine grained till/overburden with blue, dissintegrated rock fragments.	9/16/2011	Aquila
Soil		19037	Thornapple Creek Road east depth 21"-36" hit bedrock no	313764	4983613		Moderately oxidized very fine grained silt with white fine mineral	9/16/2011	Aquila
Soil		19038	Thornapple Creek Road east depth 12"-18" hit bedrock no	313766	4983751		Light brown soil with light oxidation with quartz fragments and stronger oxidation at 18". *Augered several holes all hit rock around 12"-18"	9/16/2011	Aquila
Soil		19039	Thornapple Creek Road east depth 6"-12" hit bedrock no	313861	4983950		Moderately oxidized sandy till/overburden with pebbles (including quartz)	9/16/2011	Aquila
Soil		19040	Thornapple Creek Road east depth 12"-24" hit bedrock no	313861	4983950		Strongly oxidized red clay with blue clay fragmental like rock fragments (disintegrated rock fragments)	9/16/2011	Aquila
Soil		19041	Thornapple Creek Road east depth 24"-36" hit bedrock no	313861	4983950		blue/grey clay, former bedrock?	9/16/2011	Aquila
Soil		19043	Thornapple Creek Road east depth 12"-30" hit bedrock yes	313904	4984141		Strongly oxidized sandy till/overburden. Hit bedrok at 30".	9/16/2011	Aquila
Soil		19044	County Rd Z South depth 6"-18" hit bedrock no	310170	4984334		samples taken after a day of rain, muddy ,light brownto grey soil	9/19/2011	Aquila
Soil		19045	County Rd Z South depth 18"-30" hit bedrock yes?	310170	4984334		very muddy light brown with green frags sandy	9/19/2011	Aquila
Soil		19046	County Rd Z south depth 12"-24" hit bedrock no	310266	4984328		mod oxidized clay with some gray	9/19/2011	Aquila
Soil		19047	County Rd Z south depth 24"-36" hit bedrock no	310266	4984328		wet, dark brown mud with small pebblesmixed with fine sand. Lost most of sample as it ran off of auger	9/19/2011	Aquila
Soil		19048	County Rd Z south depth 12"-18" hit bedrock no	310533	4984309		standing water near by oxidized sandy small frags	9/19/2011	Aquila
Soil		19049	County Rd Z south depth 18"-36" hit bedrock no	310533	4984309		strongly oxidizedgrey black clay	9/19/2011	Aquila
Soil		19050	County Rd Z south depth 12"-18" hit bedrock no	310607	4984315		oxidized sandy small rock frags	9/19/2011	Aquila
Soil		19051	County Rd Z south depth 18"-36" hit bedrock no	310607	4984315		small rock frags light brown mud lost most of sample wet and runny(rain)	9/19/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil		19021	Inspectorate	38	0.04											33.00											
Soil		19022	Inspectorate	12	0.01											36.00											
Soil		19023	Inspectorate	27	0.03											30.00											
Soil		19024	Inspectorate	54	0.05											43.00											
Soil		19025	Inspectorate	3	0.00											35.00											
Soil		19026	Inspectorate	24	0.02											72.00											
Soil		19027	Inspectorate	68	0.07											32.00											
Soil		19028	Inspectorate	5	0.01											27.00											
Soil		19029	Inspectorate	3	0.00											10.00											
Soil		19030	Inspectorate	3	0.00											8.00											
Soil		19031	Inspectorate	3	0.00											12.00											
Soil		19032	Inspectorate	3	0.00											11.00											
Soil		19033	Inspectorate	3	0.00											10.00											
Soil		19034	Inspectorate	3	0.00											11.00											
Soil		19035	Inspectorate	3	0.00											17.00											
Soil		19036	Inspectorate	3	0.00											25.00											
Soil		19037	Inspectorate	3	0.00											61.00											
Soil		19038	Inspectorate	3	0.00											9.00											
Soil		19039	Inspectorate	3	0.00											9.00											
Soil		19040	Inspectorate	3	0.00											12.00											
Soil		19041	Inspectorate	3	0.00											16.00											
Soil		19043	Inspectorate	3	0.00											11.00											
Soil		19044	Inspectorate	31	0.03											11.00											
Soil		19045	Inspectorate	3	0.00											12.00											
Soil		19046	Inspectorate	3	0.00											13.00											
Soil		19047	Inspectorate	3	0.00											9.00											
Soil		19048	Inspectorate	3	0.00											7.00											
Soil		19049	Inspectorate	3	0.00											9.00											
Soil		19050	Inspectorate	3	0.00											14.00											
Soil		19051	Inspectorate	3	0.00											15.00											

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil		19021									
Soil		19022									
Soil		19023									
Soil		19024									
Soil		19025									
Soil		19026									
Soil		19027									
Soil		19028									
Soil		19029									
Soil		19030									
Soil		19031									
Soil		19032									
Soil		19033									
Soil		19034									
Soil		19035									
Soil		19036									
Soil		19037									
Soil		19038									
Soil		19039									
Soil		19040									
Soil		19041									
Soil		19043									
Soil		19044									
Soil		19045									
Soil		19046									
Soil		19047									
Soil		19048									
Soil		19049									
Soil		19050									
Soil		19051									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil		19052	County Rd Z south depth 12"-21" hit bedrock yes	310655	4984307		moderate oxidation claylike small stones and organics 3 attempts all hit rock at about 21"	9/19/2011	Aquila
Soil		19053	County Rd Z south depth 18"-30" hit bedrock no	310722	4984366		lightly oxidized small pebbles	9/19/2011	Aquila
Soil		19054	County Rd Z south depth 30"-36" hit bedrock no	310722	4984366		highly oxidized small pebbles quartz frags	9/19/2010	Aquila
Soil		19055	County Rd Z south depth 12"-36" hit bedrock no	310760	4984310		lightly oxidizedand sandy to 24"small pebbles and some gray material at30"	9/20/2011	Aquila
Soil		19056	County Rd Z south depth 12"-36" hit bedrock no	310812	4984302		strong oxidation sandy small pebbles and rock frags disintigratedrock frags at 3'	9/20/2011	Aquila
Soil		19057	County Rd Z south depth 12"-36" hit bedrock no	310917	4984294		at surface small pebbles rock frags mod-strong oxidationgrey-green rock frags many small pebbles	9/20/2011	Aquila
Soil		19058	County Rd Z south depth 12"-30" hit bedrock yes?	311125	4984286		light to mod oxidayion disintigrated rock frags	9/20/2011	Aquila
Soil		19059	County Rd Z south depth 12"-36" hit bedrock no	311196	4984282		light oxidation fine sandy to course sand	9/20/2011	Aquila
Soil		19060	County Rd Z south depth 6"-30" hit bedrock yes?	311249	4984284		light to strong oxidation course grained sand rock frag/pebbles one rock about 2cm	9/20/2011	Aquila
Soil		19061	County Rd Z south depth 6"-24" hit bedrock no	311298	4984281		light to strongly oxidized withdisintegrated rock frags clay	9/20/2011	Aquila
Soil		19062	County Rd Z south depth 24"30" hit bedrock yes	311298	4984281		course grained sandy strongly oxidized	9/20/2011	Aquila
Soil		19063	County Rd Z south depth 12"18" hit bedrock yes	3111362	4984273		light oxidation sandy	9/20/2011	Aquila
Soil		19064	County Rd Z south depth 12"-24" hit bedrock yes?	311415	4984268		sandy light oxidation	9/20/2011	Aquila
Soil		19065	County Rd Z south depth 18"-24" hit bedrock no	311459	4984267		light to mod oxidayion course grained small pebbles(1cm) at surface	9/20/2011	Aquila
Soil		19066	County Rd Z south depth 24"-36" hit bedrock no	311459	4984267		mod to strong oxidation course grain sandy many small pebbles and rock frags	9/20/2011	Aquila
Soil		19067	County Rd Z south depth 8"-36" hit bedrock no	311563	4984261		light to strongly oxidized withdisintegrated rock frags and pebbles	9/20/2011	Aquila
Soil		19068	County Rd Z south depth 24"-36" hit bedrock no	311731	4984251		lost most of sample in water Brown grey mud	9/20/2011	Aquila
Soil		19069	County Rd Z south depth 6"-36" hit bedrock no	311818	4984245		grey red mud standing waterin ditches	9/20/2011	Aquila
Soil		19070	County Rd Z south depth 14"-34" hit bedrock yes	311862	4984242		small rocks at surface light oxidation sandy soil small pebbles one rock (3cm)	9/20/2011	Aquila
Soil		19071	County Rd Z south depth 12"-36" hit bedrock no	311950	4984238		light gray oxidation mostly clay like	9/20/2011	Aquila
Soil		19101	County Rd Z south depth 6"-24" hit bedrock yes	312048	4984235		small pebbles mod oxidation	9/20/2011	Aquila
Soil		19102	county rd Q west depth 0"-6" hit bedrock ?	309998	4977702		dark black mud, sample taken in standing water	11/2/2011	Aquila
Soil		19103	County Rd Z south depth 12"36" hit bedrock no	312194	4984230		light to mod oxidationsmall rock frags/disintigrratedfrags	9/20/2011	Aquila
Soil		19104	County Rd Z south depth 12"-36" hit bedrock no	312265	4984226		light grey and brown light to mod oxidation one rock 3cm	9/20/2011	Aquila
Soil		19105	county rd Q west depth 6"-30" hit bedrock yes	309976	4977255		light brown-green disintigrated rock frags saprolite/regolith	11/2/2011	Aquila
Soil		19204	Thornapple Creek Road east depth boulder hit bedrock NA	313300	4982023	Quartz	Moderately oxidized quartz boulders collected at the entrace of a snowmobile trail gate. Very close to soil sample AQA-19203	9/15/2011	Aquila
Soil		19294	Thornapple Creek Road east depth 24'' hit bedrock yes	313235	4979378		course grained sandy strongly oxidized	9/7/2011	Aquila
Soil		19295	Thornapple Creek Road east depth 17'' hit bedrock yes	313234	4979440		Brown to rusty red, wet clay	9/7/2011	Aquila
Soil		19296	Thornapple Creek Road east depth 37'' hit bedrock no	313242	4979551		brown/red with blue/green pieces at depth. Clay.	9/7/2011	Aquila
Soil		19297	Thornapple Creek Road east depth 29'' hit bedrock no	313247	4979645		red/brown clay	9/7/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil		19052	Inspectorate	3	0.00											9.00											
Soil		19053	Inspectorate	3	0.00											9.00											
Soil		19054	Inspectorate	3	0.00											8.00											
Soil		19055	Inspectorate	3	0.00											14.00											
Soil		19056	Inspectorate	3	0.00											9.00											
Soil		19057	Inspectorate	3	0.00											7.00											
Soil		19058	Inspectorate	3	0.00											4.00											
Soil		19059	Inspectorate	3	0.00											6.00											
Soil		19060	Inspectorate	3	0.00											9.00											
Soil		19061	Inspectorate	3	0.00											8.00											
Soil		19062	Inspectorate	3	0.00											11.00											
Soil		19063	Inspectorate	5	0.01											14.00											
Soil		19064	Inspectorate	3	0.00											8.00											
Soil		19065	Inspectorate	3	0.00											8.00											
Soil		19066	Inspectorate	3	0.00											7.00											
Soil		19067	Inspectorate	3	0.00											7.00											
Soil		19068	Inspectorate	3	0.00											20.00											
Soil		19069	Inspectorate	3	0.00											13.00											
Soil		19070	Inspectorate	3	0.00											12.00											
Soil		19071	Inspectorate	3	0.00											10.00											
Soil		19101	Inspectorate	3	0.00											31.00											
Soil		19102	Inspectorate	3	0.00											35.00											
Soil		19103	Inspectorate	3	0.00											12.00											
Soil		19104	Inspectorate	3	0.00											15.00											
Soil		19105	Inspectorate	3	0.00											97.00											
Soil		19204	Inspectorate																								
Soil		19294	Inspectorate	3	0.00											18.00											
Soil		19295	Inspectorate	3	0.00											18.00											
Soil		19296	Inspectorate	3	0.00											22.00											
Soil		19297	Inspectorate	3	0.00											20.00											

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil		19052									
Soil		19053									
Soil		19054									
Soil		19055									
Soil		19056									
Soil		19057									
Soil		19058									
Soil		19059									
Soil		19060									
Soil		19061									
Soil		19062									
Soil		19063									
Soil		19064									
Soil		19065									
Soil		19066									
Soil		19067									
Soil		19068									
Soil		19069									
Soil		19070									
Soil		19071									
Soil		19101									
Soil		19102									
Soil		19103									
Soil		19104									
Soil		19105									
Soil		19204									
Soil		19294									
Soil		19295									
Soil		19296									
Soil		19297									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil		19298	Drill site area, profile samples east depth hit bedrock no	313387	4980502		Top Soil/Organics	9/12/2011	Aquila
Soil		19299	Drill site area, profile samples east depth hit bedrock no	313387	4980502		Overburden	9/12/2011	Aquila
Soil		19300	Drill site area, profile samples east depth hit bedrock no	313387	4980502		Regolith	9/12/2011	Aquila
Soil		872401	Thornapple Creek Road east depth 24'' hit bedrock yes	313235	4979378		course grained sandy strongly oxidized	9/7/2011	Aquila
Soil		872402	Thornapple Creek Road east depth 17'' hit bedrock yes	313234	4979440		Brown to rusty red, wet clay	9/7/2011	Aquila
Soil		872403	Thornapple Creek Road east depth 37'' hit bedrock no	313242	4979551		brown/red with blue/green pieces at depth. Clay.	9/7/2011	Aquila
Soil		872404	Thornapple Creek Road east depth 29'' hit bedrock no	313247	4979645		red/brown clay	9/7/2011	Aquila
Soil		872466	Drill site area, profile samples east depth hit bedrock no	313387	4980502		Top Soil/Organics	9/12/2011	Aquila
Soil		872467	Drill site area, profile samples east depth hit bedrock no	313387	4980502		Overburden	9/12/2011	Aquila
Soil		872468	Drill site area, profile samples east depth hit bedrock no	313387	4980502		Regolith	9/12/2011	Aquila
Soil		872469	Drill site area, profile samples east depth 0-6'' hit bedrock no	313433	4980377		Top Soil/Organics	9/12/2011	Aquila
Soil		872470	Drill site area, profile samples east depth 6-15'' hit bedrock no	313433	4980377		Overburden	9/12/2011	Aquila
Soil		872471	Drill site area, profile samples east depth 15''-36'' hit bedrock no	313433	4980377		Oxidized Overburden?	9/12/2011	Aquila
Soil		872472	Drill site area, profile samples east depth 36''-54'' hit bedrock no	313433	4980377		Oxidized Overburden/Regolith transition	9/12/2011	Aquila
Soil		872475	Thornapple Creek Road east depth 18"-36" hit bedrock yes	313247	4979378		Till/overburden. Became wet/oxidized with depth. Hit bedrock at 3 feet	9/14/2011	Aquila
Soil		872476	Thornapple Creek Road east depth 12"-30" hit bedrock no	313245	4979465		Till/Overburden. Lightly oxidized with larger gravel pieces. Became extremely difficult to auger through at 30".	9/14/2011	Aquila
Soil		872477	Thornapple Creek Road east depth 12"-21" hit bedrock yes	313250	4979573		Till/Overburden. Lightly oxidized, wet at 21". Hits bedrock at 21"	9/14/2011	Aquila
Soil		872478	Thornapple Creek Road east depth 21"-37" hit bedrock yes	313252	4979679		Till/Overburden. Sandy, lightly oxidized. Hit bedrock at 37"	9/14/2011	Aquila
Soil		872479	Thornapple Creek Road east depth 15"-36" hit bedrock no	313255	4979794		Till/Overburden. Sandy, lightly-moderately oxidized.	9/14/2011	Aquila
Soil		872480	Thornapple Creek Road east depth 12"-24" hit bedrock no	313264	4979893		Till/Overburden. Lightly-moderately oxidized. Sandy from 12"-18". Gravely, hard to auger from 18"-24".	9/14/2011	Aquila
Soil		872481	Thornapple Creek Road east depth 12"-36" hit bedrock no	313266	4980013		Overburden. Moderately-strongly oxidized, silt/clay like. At 18" there are fine grained pebbles. At 36" there are blue/green rock fragments.	9/14/2011	Aquila
Soil		872482	Thornapple Creek Road east depth 24"-36" hit bedrock no	313257	4980111		Oxidized soil/Overburden. First 6" probable oxidized top soil. Last 6" sandy overburden/till.	9/14/2011	Aquila
Soil		872483	Thornapple Creek Road east depth 12"-36" hit bedrock no	313260	4980216		Overburden? Dense, grey silt/clay zone beneath unsampled, sandy wet till. Sample was moderately-strongly oxidized.	9/14/2011	Aquila
Soil		872484	Thornapple Creek Road east depth 6"-32" hit bedrock no	313283	4980391		Saprolite/red clay. Highly oxidized red clay/saprolite. *buried cable, we had to go a ways beyond 100 m.	9/14/2011	Aquila
Soil		872485	Thornapple Creek Road east depth 18"-36" hit bedrock no	313275	4980468		Saprolite/red clay. Highly oxidized red clay/saprolite. More certain it is Regolith at 30"-36"	9/14/2011	Aquila
Soil		872486	Thornapple Creek Road east depth 30"-36" hit bedrock no	313273	4980550		Grey clay. No-light oxidation.	9/14/2011	Aquila
Soil		872487	Thornapple Creek Road east depth 0"-24" hit bedrock no	313285	4980659		Dark colored mud/clay	9/14/2011	Aquila
Soil		872488	Thornapple Creek Road east depth 24"-39" hit bedrock no	313285	4980659		Highly oxidized red clay	9/14/2011	Aquila
Soil		872489	Thornapple Creek Road east depth 9"-18" hit bedrock no	313282	4980775		Light-dark grey clay with light oxidation with depth.	9/14/2011	Aquila
Soil		872490	Thornapple Creek Road east depth 18"-39" hit bedrock no	313282	4980775		Highly oxidized red clay	9/14/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil		19298	Inspectorate	14	0.01											55.00											
Soil		19299	Inspectorate	59	0.06											36.00											
Soil		19300	Inspectorate	102	0.10											237.00											
Soil		872401	Inspectorate	3	0.00											18.00											
Soil		872402	Inspectorate	3	0.00											18.00											
Soil		872403	Inspectorate	3	0.00											22.00											
Soil		872404	Inspectorate	3	0.00											20.00											
Soil		872466	Inspectorate	14	0.01											55.00											
Soil		872467	Inspectorate	59	0.06											36.00											
Soil		872468	Inspectorate	102	0.10											237.00											
Soil		872469	Inspectorate	3	0.00											24.00											
Soil		872470	Inspectorate	3	0.00											29.00											
Soil		872471	Inspectorate	8	0.01											38.00											
Soil		872472	Inspectorate	7	0.01											34.00											
Soil		872475	Inspectorate	3	0.00											12.00											
Soil		872476	Inspectorate	18	0.02											25.00											
Soil		872477	Inspectorate	3	0.00											8.00											
Soil		872478	Inspectorate	9	0.01											9.00											
Soil		872479	Inspectorate	3	0.00											12.00											
Soil		872480	Inspectorate	3	0.00											12.00											
Soil		872481	Inspectorate	15	0.02											21.00											
Soil		872482	Inspectorate	3	0.00											11.00											
Soil		872483	Inspectorate	12	0.01											14.00											
Soil		872484	Inspectorate	32	0.03											107.00											
Soil		872485	Inspectorate	26	0.03											74.00											
Soil		872486	Inspectorate	115	0.12											42.00											
Soil		872487	Inspectorate	80	0.08											47.00											
Soil		872488	Inspectorate	53	0.05											51.00											
Soil		872489	Inspectorate	21	0.02											36.00											
Soil		872490	Inspectorate	3	0.00											28.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil		19298									
Soil		19299									
Soil		19300									
Soil		872401									
Soil		872402									
Soil		872403									
Soil		872404									
Soil		872466									
Soil		872467									
Soil		872468									
Soil		872469									
Soil		872470									
Soil		872471									
Soil		872472									
Soil		872475									
Soil		872476									
Soil		872477									
Soil		872478									
Soil		872479									
Soil		872480									
Soil		872481									
Soil		872482									
Soil		872483									
Soil		872484									
Soil		872485									
Soil		872486									
Soil		872487									
Soil		872488									
Soil		872489									
Soil		872490									

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil		872491	Thornapple Creek Road east depth 5"-18" hit bedrock no	313288	4980829		Grey, moderately oxidized clay.	9/14/2011	Aquila
Soil		872492	Thornapple Creek Road east depth 18"-36" hit bedrock no	313288	4980829		Highly oxidized red clay, micaceous?	9/14/2011	Aquila
Soil		872493	Thornapple Creek Road east depth 6"-30" hit bedrock no	313284	4980940		Dark grey, lightly-moderately oxidized, micaceous clay.	9/14/2011	Aquila
Soil		872494	Thornapple Creek Road east depth 30"-39" hit bedrock no	313284	4980940		Strongly oxidized, micaceous red clay.	9/14/2011	Aquila
Soil		872495	Thornapple Creek Road east depth hit bedrock no	313290	4981071		Light-moderately oxidized mud and till. *Charlie Green stopped here	9/14/2011	Aquila
Soil		872496	Thornapple Creek Road west depth 6"-36" hit bedrock no	313270	4981186		Till/Overburden. Strongly oxidized till with blue/green rock fragments and small round pebbles. Clay/muddy matrix. *Next to Juedes cornfield	9/14/2011	Aquila
Soil		872497	Thornapple Creek Road east depth 12"-36" hit bedrock no	313298	4981394		Till/Overburden. Moderately-strongly oxidized till/clay. *Next to a field	9/14/2011	Aquila
Soil		872498	Thornapple Creek Road east depth 6"-36" hit bedrock no	313296	4981514		Strongly oxidized, green/grey clay. *Next to a field.	9/14/2011	Aquila
Soil		872499	Thornapple Creek Road east depth 24"-36" hit bedrock no	313297	4981630		Highly oxidized mud/clay with blue/green rock fragements. *Next to a field	9/15/2011	Aquila
Soil		872500	Thornapple Creek Road west depth 18"-24" hit bedrock no	313284	4981809		Sandy till/overburden with larger blue rock fragments. Lightly-moderately oxidized.	9/15/2011	Aquila
Soil			County Rd Z south depth 14"36" hit bedrock no	312380	4984221		sandy course graindisintigratedrock frags	9/20/2011	Aquila
Soil			County Rd Z south depth 9"-36" hit bedrock no	312696	4984197		claylike small pebbles frags strong oxidation	9/21/2011	Aquila
Soil			County Rd Z south depth 9"20" hit bedrock no	312813	4984197		light brown to red clay like mud sample very wet	9/21/2011	Aquila
Soil			County Rd Z south depth 20"-36" hit bedrock no	312813	4984197		dark grey-brown mud	9/21/2011	Aquila
Soil			County Rd Z south depth 20"-36" hit bedrock no	312913	4984114		mod-strong oxidation some disintigrated rock frags	9/21/2011	Aquila
Soil			County Rd Z south depth 12"36" hit bedrock no	313005	4984180		light to strong oxidationwith rock frags/pebbles	9/21/2011	Aquila
Soil			County Rd Z south depth 0"-6" hit bedrock yes	313163	4984175		topsoil	9/21/2011	Aquila
Soil			County Rd Z south depth 12"30" hit bedrock yes	313236	4984174		highly oxidized blue green rock frags regolith?	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-32" hit bedrock yes	313329	4984176		clay light oxidation green rock frags	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-36" hit bedrock no	313434	4984171		rock pebbles on surface light oxidationpossibly disturbed soil from road many small pebbles about 1-2 cm	9/21/2011	Aquila
Soil			County Rd Z south depth 24"-36" hit bedrock no	313528	4984176		light to mod oxidation clay	9/21/2011	Aquila
Soil			County Rd Z south depth 0"-12" hit bedrock yes	313627	4984168		light oxidation sandy	9/21/2011	Aquila
Soil			County Rd Z south depth 0"-6" hit bedrock yes	313721	4984163		topsoil sample taken from bottom of ditch	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-30" hit bedrock yes	313951	4984163		sandy wet oxidized	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-32" hit bedrock yes?	314047	4984158		small pebbles at surface sandy lightly oxidized small rock frags at 24"	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-36" hit bedrock no	314197	4984150		buried cable 100 meters west brown sandy pebbly mud	9/21/2011	Aquila
Soil			County Rd Z south depth 6"36" hit bedrock no	314282	4984143		lightly to mod oxidizedcourse sand with pebbles/rock frags	9/21/2011	Aquila
Soil			County Rd Z south depth 0"12" hit bedrock yes	314461	4984139		topsoil rock outcrop/bedrock	9/21/2011	Aquila
Soil			County Rd Z south depth 18"36" hit bedrock no	314605	4984137		light to heavy oxidation small pebbles	9/21/2011	Aquila
Soil			County Rd Z south depth 14"36" hit bedrock no	314732	4984123		next to corn field disintigrated rock frags highly oxidized dark brown red	9/21/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil		872491	Inspectorate	14	0.01											25.00											
Soil		872492	Inspectorate	3	0.00											56.00											
Soil		872493	Inspectorate	3	0.00											28.00											
Soil		872494	Inspectorate	3	0.00											29.00											
Soil		872495	Inspectorate	3	0.00											23.00											
Soil		872496	Inspectorate	9	0.01											79.00											
Soil		872497	Inspectorate	3	0.00											16.00											
Soil		872498	Inspectorate	12	0.01											56.00											
Soil		872499	Inspectorate	18	0.02											24.00											
Soil		872500	Inspectorate	3	0.00											51.00											
Soil			Inspectorate	3	0.00											15.00											
Soil			Inspectorate	3	0.00											18.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											19.00											
Soil			Inspectorate	3	0.00											18.00											
Soil			Inspectorate	5	0.01											51.00											
Soil			Inspectorate	3	0.00											47.00											
Soil			Inspectorate	8	0.01											17.00											
Soil			Inspectorate	14	0.01											23.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											30.00											
Soil			Inspectorate	3	0.00											17.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											18.00											
Soil			Inspectorate	3	0.00											52.00											
Soil			Inspectorate	3	0.00											17.00											
Soil			Inspectorate	5	0.01											12.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil		872491									
Soil		872492									
Soil		872493									
Soil		872494									
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Soil		872496									
Soil		872497									
Soil		872498									
Soil		872499									
Soil		872500									
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APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil			County Rd Z south depth 12"-34" hit bedrock yes	314839	4984116		clay stones pebbles some greys,greens	9/21/2011	Aquila
Soil			County Rd Z south depth 14"-36" hit bedrock no	315004	4984111		brown/red mud with small pebbles standing water in ditch	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-36" hit bedrock no	315141	4984108		sandy light to dark brown quartze stone about 4cm mod oxidation	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-34" hit bedrock yes	315266	4984095		course sand strong oxidation rock frags	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-36" hit bedrock no	315439	4984094		sandy brown mud sample very wet small pebbles	9/21/2011	Aquila
Soil			County Rd Z south depth 18"-30" hit bedrock yes?	315522	4984093		sandy brown mud with somered orange	9/21/2011	Aquila
Soil			County Rd Z south depth 12"26" hit bedrock yes?	315661	4984088		sandy, brown light /mod oxidation	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-24" hit bedrock yes	315841	4984087		dark sandy soil, small pebbles, larg boulders in area	9/21/2011	Aquila
Soil			County Rd Z south depth hit bedrock	316017	4984076		unable to collect sample larg boulders man made pounds in area	9/21/2011	Aquila
Soil			County Rd Z south depth 12"-24" hit bedrock yes	316053	4984080		dark brown/red course sand very stoney	9/21/2011	Aquila
Soil			County Rd Z south depth 0"-12" hit bedrock yes	316198	4984081		many small rock frags/pebbles dark brown/red	9/21/2011	Aquila
Soil			County Rd Z south depth 0"12" hit bedrock yes	316328	4984075		gravel lost most sample cave in	9/21/2011	Aquila
Soil			County Rd Z south depth 0"-6" hit bedrock yes	316426	49844071		topsoil /pebbles	9/21/2011	Aquila
Soil			County Rd Z south depth hit bedrock	316540	4984074		could not collect sample bedrock at surface	9/21/2011	Aquila
Soil			Forestville Road west depth 12"36" hit bedrock no	311697	4981803		light brown loose sandy soil	9/22/2011	Aquila
Soil			Forestville Road west depth 9"-36" hit bedrock no	311694	4981707		disintigrated rock/pebble frags blue green light brown soil	9/22/2011	Aquila
Soil			Forestville Road west depth 4"-9" hit bedrock yes?	311692	4981621		light brown sandy soil	9/22/2011	Aquila
Soil			Forestville Road west depth 4"- hit bedrock	311688	4981515		pebbles up to 1 cm light to mod oxidation light brown soil dintegrated rock frags/pebbles	9/22/2011	Aquila
Soil			Forestville Road west depth 2"-36" hit bedrock no	311683	4981406		sandy course grainedsmall pebbles, dark red and greyat depthof 24-34"disintigrated rock frags	9/22/2011	Aquila
Soil			Forestville Road west depth 14"-36" hit bedrock	311681	4981300		red /grey mud claylike sample very wet standing water in ditch	9/22/2011	Aquila
Soil			Forestville Road west depth 0"-36" hit bedrock no	311674	4981192		light brown/red at surface, 20-36" green stones 3cm dissintegrated rock frags/pebbles soil dark brown/red	9/22/2011	Aquila
Soil			Forestville Road west depth 6"24" hit bedrock yes?	311668	4981086		sandy dark red, near surface rocks (4 cm), at 18"green disintigrated rock frags/pebbles	9/22/2011	Aquila
Soil			Forestville Road west depth 4"-12" hit bedrock yes	311669	4980995		lightly oxidized topsoil	9/22/2011	Aquila
Soil			Forestville Road west depth 12"-24" hit bedrock yes	311664	4980892		dark brown/red small green/red rock frags	9/22/2011	Aquila
Soil			Forestville Road west depth 12"-30" hit bedrock yes	311662	4980732		dark sandy mud	9/22/2011	Aquila
Soil			Forestville Road west depth 4"-36" hit bedrock no	311658	4980668		dark red to light grey clay, green disintigrated rockfrags/stones green sandy layer at 24"	9/22/2011	Aquila
Soil			Forestville Road west depth 6"-36" hit bedrock no	311657	4980562		dark brown claydisintegrated rock frags/pebbles dark brown/red 24-36" saprolite?	9/22/2011	Aquila
Soil			Forestville Road west depth 6"-30" hit bedrock yes	311651	4980470		clay with green oxidation,rock frags, at 12"bright orange/red, at 18" mostly green some purple to 30"	9/22/2011	Aquila
Soil			Forestville Road west depth 6"-12" hit bedrock yes	311654	4980367		drainfield (shitter) drains into ditch, light brown sandy soil	9/22/2011	Aquila
Soil			Forestville Road west depth 6"-34" hit bedrock yes	311647	4980248		bright red/orange with 1cm green rock frags/pebbles	9/22/2011	Aquila
Soil			Forestville Road west depth 4"12" hit bedrock yes	311643	4980124		green blue clay, larg fist sized rocks/gravel at surface/quartz rocks	9/22/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil			Inspectorate	15	0.02											13.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											13.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											7.00											
Soil			Inspectorate																								
Soil			Inspectorate	3	0.00											8.00											
Soil			Inspectorate	3	0.00											8.00											
Soil			Inspectorate	3	0.00											6.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate																								
Soil			Inspectorate	3	0.00											10.00											
Soil			Inspectorate	35	0.04											37.00											
Soil			Inspectorate	3	0.00											36.00											
Soil			Inspectorate	3	0.00											26.00											
Soil			Inspectorate	3	0.00											35.00											
Soil			Inspectorate	11	0.01											3431.00											
Soil			Inspectorate	103	0.10											255.00											
Soil			Inspectorate	43	0.04											1385.00											
Soil			Inspectorate	105	0.11											64.00											
Soil			Inspectorate	3	0.00											72.00											
Soil			Inspectorate	6	0.01											117.00											
Soil			Inspectorate	3	0.00											47.00											
Soil			Inspectorate	24	0.02											103.00											
Soil			Inspectorate	15	0.02											2605.00											
Soil			Inspectorate	3	0.00											173.00											
Soil			Inspectorate	3	0.00											229.00											
Soil			Inspectorate	11	0.01											68.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil											
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APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil			Forestville Road west depth 7"-24" hit bedrock yes	311642	4980027		sample is mostly green w dark grey clay	9/22/2011	Aquila
Soil			Forestville Road west depth 3"-36" hit bedrock no	311640	4979924		bright red/orange clay saprolite ? Light green at 24"	9/22/2011	Aquila
Soil			Forestville Road west depth 4"-36" hit bedrock no	311636	4979813		small pebbles at surface, dark grey green mud/clay dark red/orange at 30-36"	9/22/2011	Aquila
Soil			Forestville Road west depth 6"-30" hit bedrock yes	311635	4979720		large rocks/gravel at surface, dark red heavely oxidized sand, 24"to 30"green sandy soil	9/22/2011	Aquila
Soil			Forestville Road west depth 0"-16" hit bedrock yes?	311633	4979622		red /grey lightly oxidized pebbles	9/22/2011	Aquila
Soil			Forestville Road west depth 4"-20" hit bedrock yes?	311633	4979523		highly oxidized blue green clay rock frags/pebbles	9/22/2011	Aquila
Soil			Pleasant View east depth 9"-24" hit bedrock yes	316144	4984324		light to mod oxidation dark grey clay sample wet	9/23/2011	Aquila
Soil			Forestville Road west depth 6"-16" hit bedrock yes	311615	4979385		brown clay with green stones wet sample	9/23/2011	Aquila
Soil			Forestville Road west depth 3"24" hit bedrock yes	311614	4979305		green/dark brown clay pebbles/stones/rock frags gravel at surface	9/23/2011	Aquila
Soil			Forestville Road west depth 16"-34" hit bedrock yes	311609	4979186		dark brown mod to highly oxidized green stones/rock frags, highly oxidized at 30"-34"with many green rock frags pebbles	9/23/2011	Aquila
Soil			Forestville Road west depth 12"-18" hit bedrock yes	311612	4979081		light brown mud	9/23/2011	Aquila
Soil			Forestville Rd West depth 12"-28 hit bedrock yes?	311612	4979076		Highly oxidized clay with rock fragments present; at 24" dissintigrated rock fragments; hit rock at 28"	9/28/2011	Aquila
Soil			Forestville Rd West depth 6"-34" hit bedrock yes?	311609	4978981		green rock fragments; moderatly to strongly oxidized; at 24" strongly oxidized and stlightly darker with grey green rock fragments; at 30" dissintigrated green and white rock fragments; hit rock/bedrock? At 34".	9/28/2011	Aquila
Soil			Forestville Rd West depth 4"-26" hit bedrock yes?	311610	4978864		Lightly oxidized light brown; at 18" moderatly sandy to medium brown with few small green rock fragments;	9/28/2011	Aquila
Soil			Forestville Rd West depth 12"-18" hit bedrock yes?	311606	4978782		light brown clayey sand and top soil; lightly oxidized	9/28/2011	Aquila
Soil			Forestville Rd West depth 0"-14" hit bedrock yes?	311609	4978687		medium brown clayey sand with small pebbles; one 2cm sized pebble; little to no oxidation	9/28/2011	Aquila
Soil			Forestville Rd West depth 3"-6" hit bedrock ?	311608	4978629		light brown wet sandy mud; lightly oxidized	9/28/2011	Aquila
Soil			Forestville Rd West depth 12"-36" hit bedrock no	311603	4978521		Mud and very fine sand; light-medium oxidized; becomes dark-black with increasing depth; at 24" changes to firm brownish grey clay with very fine sand; few grey green rock fragments	9/28/2011	Aquila
Soil			Forestville Rd West depth 6"-28" hit bedrock yes	311607	4978422		rusty brown-orange; moderatly sandy clay; medium-lightly oxidized with few rock fragments and pebbles; fragments increasing with depth; at 15" heavily oxidized.	9/28/2011	Aquila
Soil			Forestville Rd West depth 4"-24" hit bedrock yes	311610	4978313		Light-no oxidation; medium brown clayey sand; few grey disintigrated rock fragments; at 24" becomes compact and crumbly	9/28/2011	Aquila
Soil			Forestville Rd West depth 8"-24" hit bedrock yes	311609	4978212		moderate to strong oxidation; grey brown clay with few grey green rock fragments and pebbles; disintigrated rock fragments at 18"; some rocks about 2cm across.	9/28/2011	Aquila
Soil			Forestville Rd West depth 4"-22" hit bedrock yes	311610	4978117		light-moderatly oxidized sand; disintigrated rock fragments and pebbles; clay present at 18" and highly oxidized.	9/28/2011	Aquila
Soil			Forestville Rd West depth 9"-36" hit bedrock no	311606	4978004		dark brown clayey mud; light oxidation; standing water in ditch; disintigrated rock fragments at 18" and moderatly oxidized; at 24" coarse sand.	9/28/2011	Aquila
Soil			Forestville Rd West depth 3"-36" hit bedrock no	311607	4977801		moderatly dark-medium brown muddy clay; at 18" red saprolite clay	9/28/2011	Aquila
Soil			Forestville Rd West depth 6"-14" hit bedrock yes?	311606	4977716		lightly oxidized; light brown clayey sand; very wet; one 1cm pebble	9/28/2011	Aquila
Soil			Forestville Rd West depth 12"-36" hit bedrock no	311602	4977609		grey clay; light-moderatly oxidized; at 18"clayey sand with disintigrated rock fragments; very wet.	9/28/2011	Aquila
Soil			Forestville Rd West depth 3"-36" hit bedrock no	311607	4977512		clayey coarse sand; light brown with occassional grey clay streaks and orange oxidation; at 18" thin layer of red clay; sandy to bottom.	9/28/2011	Aquila
Soil			Forestville Rd West depth 0"-36" hit bedrock no	311601	4977414		wet mud; light brown; at 6" strongly oxidized and red-orange; tan and green disintigrated rocks; at 13" red clay.	9/28/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil			Inspectorate	3	0.00											34.00											
Soil			Inspectorate	57	0.06											48.00											
Soil			Inspectorate	32	0.03											34.00											
Soil			Inspectorate	3	0.00											80.00											
Soil			Inspectorate	3	0.00											17.00											
Soil			Inspectorate	3	0.00											67.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											84.00											
Soil			Inspectorate	3	0.00											51.00											
Soil			Inspectorate	3	0.00											72.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											35.00											
Soil			Inspectorate	3	0.00											116.00											
Soil			Inspectorate	3	0.00											25.00											
Soil			Inspectorate	3	0.00											64.00											
Soil			Inspectorate	3	0.00											25.00											
Soil			Inspectorate	3	0.00											29.00											
Soil			Inspectorate	3	0.00											18.00											
Soil			Inspectorate	3	0.00											65.00											
Soil			Inspectorate	3	0.00											61.00											
Soil			Inspectorate	3	0.00											35.00											
Soil			Inspectorate	3	0.00											70.00											
Soil			Inspectorate	3	0.00											19.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											22.00											
Soil			Inspectorate	3	0.00											22.00											
Soil			Inspectorate	3	0.00											10.00											
Soil			Inspectorate	3	0.00											16.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
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APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil			Forestville Rd West depth 16"-36" hit bedrock no	311594	4977233		dark brown mud; lightly oxidized; at 20" grey clayey sand; minor red clay at bottom of sample.	9/28/2011	Aquila
Soil			Forestville Rd West depth 12"-36" hit bedrock no	311591	4977128		grey lightly oxidized clay; standing water; small pebbles at 24"	9/28/2011	Aquila
Soil			Forestville Rd West depth 6"-36" hit bedrock no	311587	4977015		standing water; black grey mud; at 24" small pebbles; at 30" small rock fragments.	9/28/2011	Aquila
Soil			Forestville Rd West depth 18"-36" hit bedrock no	311585	4976915		standing water; dark grey-black clay with small pebbles; at 22" moderatly oxidized and becoming more sandy with depth.	9/28/2011	Aquila
Soil			Forestville Rd West depth 12"-36" hit bedrock no	311584	4976796		very wet; very dark-black muddy clay; at 15" changes to light firm grey clay and becomes moderatly oxidized.	9/28/2011	Aquila
Soil			Forestville Rd West depth 15"-36" hit bedrock no	311575	4976634		muddy grey clay; moderatly oxidized with light orange streaks; at 20" reddish orange, becomes strongly oxidized and moderatly sandy.	9/28/2011	Aquila
Soil			Forestville Rd West depth 3"-36" hit bedrock yes	311574	4976535		moderatly oxidized brown-orange mud; at 12" disintigrated green rock fragments; at 24: mostly grey clay with disintigrated green-grey rock fragments	9/28/2011	Aquila
Soil			Forestville Rd West depth 10"-30" hit bedrock yes	311571	4976429		wet muddy sand; light-moderate oxidation; medium brrown; at 18" strong oxidation and reddish orange-maroon with small rock fragments; at 30" slight color change to purplish-red.	9/28/2011	Aquila
Soil			Forestville Rd West depth 2"-36" hit bedrock no	311568	4976317		grey clay and mud; at 18" grey green rock fragments; at 14" Red saprolite with grey green rock fragments.	9/28/2011	Aquila
Soil			Cherry Rd North depth 8"-36" hit bedrock no	311535	4976278		Light brown to grey muddy clay; at 12" all grey clay moderatly oxidized with orange streaks; at 25" sandy clay; at 30 regolith in sample	9/29/2011	Aquila
Soil			Cherry Rd North depth 8"-20" hit bedrock ?	311429	4976289		grey to brown moderatly oxidized clay; at 16" green regolith in sample	9/29/2011	Aquila
Soil			Cherry Rd North depth 6"-33" hit bedrock no	311324	4976299		dark brown mud to sandy brown mud at 10", increasing green regolith with depth until too difficult to auger.	9/29/2011	Aquila
Soil			Cherry Rd North depth 3"-30" hit bedrock yes?	311020	4976324		light brown to grey sandy clay; moderatly oxidized; at 18" clayey sand and medium to light brown	9/29/2011	Aquila
Soil			Cherry Rd North depth 3"-36" hit bedrock no	310927	4976332		grey clay and lightly oxidized green regolith in sample after 8"	9/29/2011	Aquila
Soil			Cherry Rd North depth 4"-36" hit bedrock no	310815	4976343		orange-brown to grey sandy clay; disintigrated rock after 18"	9/29/2011	Aquila
Soil			Cherry Rd North depth 6"-36" hit bedrock no	310719	4976353		brown to grey sandy clay few disintigrated rock near bottom of sample	9/29/2011	Aquila
Soil			Cherry Rd North depth 0"-12" hit bedrock yes?	310602	4976353		medium brown to black sandy clay and topsoil	9/29/2011	Aquila
Soil			Cherry Rd North depth 0"-18" hit bedrock yes	310491	4976359		dry medium brown muddy sand; regolith and light oxidation in sample	9/29/2011	Aquila
Soil			Cherry Rd North depth 8"-30" hit bedrock yes	310340	4976364		strongly oxidized brown to orange sand; increasing green regolith with depth	9/29/2011	Aquila
Soil			Cherry Rd North depth 2"-36" hit bedrock no	310225	4976369		medium orange to brown silt sized mud and or clay; dry sample; green regolith increasing with depth	9/29/2011	Aquila
Soil			Cherry Rd North depth 6"-36" hit bedrock no	310126	4976375		medium brown to orange moderatly oxidized mud; sample wetter sample than previous	9/29/2011	Aquila
Soil			Townhall Rd east depth 6"-13" hit bedrock yes?	308406	4977942		medium brown muddy sand; few pebbles throughout	10/1/2011	Aquila
Soil			Townhall Rd west depth 6"-30" hit bedrock no?	308391	4977238		medium brown wed stand; moderat to strong oxidation; 30" hit boulder	10/2/2011	Aquila
Soil			Townhall Rd west depth 6"-34" hit bedrock yes?	308387	4977132		medium brown muddy sand; after 13" small green pebbles; at 24" sandy clay and green regolith; hit bedrock at 34"	10/2/2011	Aquila
Soil			Townhall Rd west depth 4"-18" hit bedrock ?	308385	4977037		medium brown lightly oxidized sand with minor green disintegrated rock	10/2/2011	Aquila
Soil			Townhall Rd west depth 0-17" hit bedrock no?	308383	4976913		medium brown sand; few green rock fragments	10/3/2011	Aquila
Soil			Townhall Rd west depth 5"-36" hit bedrock no	308384	4976813		medium to dark bown sand; moderatly to strongly oxidized with small green pebbles; at 18" regolith; at 29" yellow disintigrated rock, very difficult to auger; at32" green regolith;	10/3/2011	Aquila
Soil			Townhall Rd west depth 3"-24" hit bedrock Yes?	308378	4976711		medium brown moderatly oxidized sand with minor regolith; drilled two holes because of rocks	10/3/2011	Aquila
Soil			Townhall Rd west depth 4"-36" hit bedrock no	308377	4976570		medium brown moderatly oxidized sand; at 15" few green rock fragments increasing with depth	10/3/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											19.00											
Soil			Inspectorate	3	0.00											8.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	3	0.00											16.00											
Soil			Inspectorate	3	0.00											47.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate	3	0.00											16.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate	3	0.00											13.00											
Soil			Inspectorate	3	0.00											88.00											
Soil			Inspectorate	3	0.00											23.00											
Soil			Inspectorate	3	0.00											32.00											
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Soil			Inspectorate	3	0.00											26.00											
Soil			Inspectorate	3	0.00											25.00											
Soil			Inspectorate	3	0.00											66.00											
Soil			Inspectorate	3	0.00											31.00											
Soil			Inspectorate	3	0.00											16.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	106	0.11											61.00											
Soil			Inspectorate	8	0.01											49.00											
Soil			Inspectorate	3	0.00											24.00											
Soil			Inspectorate	3	0.00											52.00											
Soil			Inspectorate	3	0.00											48.00											
Soil			Inspectorate	3	0.00											53.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
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APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil			Townhall Rd west depth 0"-36" hit bedrock no	308364	4976419		Dark brown to black sandy mud; very wet and falling off auger	10/3/2011	Aquila
Soil			Townhall Rd west depth 0-36" hit bedrock no	308367	4976257		medium brown to grey wet sand	10/3/2011	Aquila
Soil			Townhall Rd west depth 4"-30" hit bedrock no?	308355	4976108		gravely mud, medium brown; hit boulder at 30? Wet and falling off auger	10/3/2011	Aquila
Soil			Townhall Rd west depth 3"-36" hit bedrock no	308349	4976012		wet grey sand; color changes to brown at 13"; at 30" includes black rock fragments	10/3/2011	Aquila
Soil			Townhall Rd west depth 12"-36" hit bedrock no	308342	4975917		dark brown to grey black mud; few broken rock fragments; at 18" muddy sand; wet and falling off auger	10/3/2011	Aquila
Soil			Townhall Rd west depth 0"-30" hit bedrock no?	308337	4975696		brown muddy sand; orangy mud at 10"; red-maroon saprolite at 15"; at 30" hit rock-probably boulder	10/3/2011	Aquila
Soil			Townhall Rd west depth 0"-32" hit bedrock no?	308332	4975598		sandy reddish orange clay; green pebbles at 12"; 18" red orange sand; hit rock at 32"-probably a boulder	10/3/2011	Aquila
Soil			Townhall Rd west depth 18"-36" hit bedrock no	308333	4975598		brown sandy mud	10/3/2011	Aquila
Soil			Townhall Rd west depth 6"-18" hit bedrock no?	308324	4975499		drier than last sample; medium oxidized brown mud with green and red rock fragments; hit rock-probably boulder at 18"	10/3/2011	Aquila
Soil			Townhall Rd west depth 6"-12" hit bedrock yes?	308306	4975236		brown sandy mud-mostly seemed to be topsoil; hit rock at 12"; tried to re-drill 3 times	10/3/2011	Aquila
Soil			Townhall Rd west depth 6"-30" hit bedrock yes?	308304	4975129		dry brown mud-topsoil?; few green pebbles	10/3/2011	Aquila
Soil			Townhall Rd west depth 12"-36" hit bedrock no	308299	4975020		black to bluish-grey sandy clay; some orange sand at 30"	10/3/2011	Aquila
Soil			Townhall Rd west depth 0"-36" hit bedrock no	308296	4974917		light tan to grey clay; at 6" regolith and clayey sand	10/3/2011	Aquila
Soil			Townhall Rd west depth 3"-28" hit bedrock yes	308291	4974808		grey muddy clay with light oxidation; at 18" regolith included	10/3/2011	Aquila
Soil			Townhall Rd west depth 6"-36" hit bedrock no	308287	4974708		grey muddy clay with very light oxidation; sand at 34"	10/3/2011	Aquila
Soil			Townhall Rd west depth 6"-36" hit bedrock no	308282	4974616		blue-grey clay; sand at 15"; hit boulder and re-drilled at 24"	10/3/2011	Aquila
Soil			Townhall Rd west depth 4"-36" hit bedrock no	308276	4974519		brown sandy mud; slight orange streakes	10/3/2011	Aquila
Soil			townhall road west depth 4"-24" hit bedrock yes	308275	4974401		lightly oxidized brown sand; regolith at 24"	10/4/2011	Aquila
Soil			townhall road west depth 6"-18" hit bedrock yes?	308266	4974312		brown sand with grey green rock fragments included; lots of rocks at surface; redrilled several times	10/4/2011	Aquila
Soil			townhall road west depth 6"-18" hit bedrock yes?	308269	4974212		brown reddish sand; red sandy clay at 12"--saprolite?	10/4/2011	Aquila
Soil			townhall road west depth 6"-36" hit bedrock no	308259	4974125		brown muddy sand; at 30" becomes red in color and more claylike; 31" saprolite	10/4/2011	Aquila
Soil			townhall road west depth 6"-36" hit bedrock no	308272	4974021		light brown sand; 11" green rock fragments; at 32" green regolith and saprolite	10/4/2011	Aquila
Soil			townhall road north depth 6"-20" hit bedrock yes?	308336	4973962		brown sand; some regolith at 19"	10/4/2011	Aquila
Soil			county rd Q west depth 10"-36" hit bedrock no	310011	4979343		dark sandy mud; sample very wet	10/5/2011	Aquila
Soil			county rd Q west depth 6"-34" hit bedrock ?	310005	4979248		lightly oxidized sand; disintigrated rock fragments	10/5/2011	Aquila
Soil			county rd Q west depth 6"-31" hit bedrock yes	310005	4979129		moderate to heavy oxidation; brown sand; disintigrated rock fragments	10/5/2011	Aquila
Soil			county rd Q west depth 6"-24" hit bedrock yes?	310002	4979027		dark brown sand; lots of disintigrated rock fragments	10/5/2011	Aquila
Soil			county rd Q west depth 9"-28" hit bedrock yes?	310002	4978931		dark to very dark brown sand some disintigrted rock fragments	10/5/2011	Aquila
Soil			county rd Q west depth 9"-28" hit bedrock ?	310000	4978830		light brown clay; almost entirely green regolith at 18"	10/5/2011	Aquila
Soil			county rd Q west depth 0"-12" hit bedrock yes?	310002	4978729		dark topsoil with organics	10/6/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											8.00											
Soil			Inspectorate	3	0.00											16.00											
Soil			Inspectorate	3	0.00											19.00											
Soil			Inspectorate	3	0.00											18.00											
Soil			Inspectorate	3	0.00											48.00											
Soil			Inspectorate	25	0.03											19.00											
Soil			Inspectorate	3	0.00											16.00											
Soil			Inspectorate	3	0.00											86.00											
Soil			Inspectorate	3	0.00											34.00											
Soil			Inspectorate	3	0.00											60.00											
Soil			Inspectorate	3	0.00											34.00											
Soil			Inspectorate	3	0.00											18.00											
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Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											16.00											
Soil			Inspectorate	143	0.14											32.00											
Soil			Inspectorate	3	0.00											108.00											
Soil			Inspectorate	3	0.00											28.00											
Soil			Inspectorate	3	0.00											18.00											
Soil			Inspectorate	3	0.00											12.00											
Soil			Inspectorate	3	0.00											19.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											11.00											
Soil			Inspectorate	125	0.13											76.00											
Soil			Inspectorate	3	0.00											59.00											
Soil			Inspectorate	3	0.00											30.00											
Soil			Inspectorate	3	0.00											44.00											
Soil			Inspectorate	11	0.01											24.00											

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
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APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Soil			county rd Q west depth 9"-30" hit bedrock yes?	310002	4978528		light brown to grey clay; no rock frags/pebbles	10/6/2011	Aquila
Soil			county rd Q west depth 6"-20" hit bedrock yes?	310001	4978442		light brown wet sandy mud; lightly oxidized	10/6/2011	Aquila
Soil			county rd Q west depth 4"-36" hit bedrock no	310003	4978336		light brown wet sand some pebbles	10/6/2011	Aquila
Soil			county rd Q west depth 6"-24" hit bedrock yes	310005	4978123		light to dark brown highly oxidized;disintigrated rock frags pebbles	10/6/2011	Aquila
Soil			county rd Q west depth 4"-24" hit bedrock yes?	310007	4978028		light brown to grey; disintigrated rock frags light to highly oxidized	10/6/2011	Aquila
Soil			county rd Q west depth 0"-24" hit bedrock yes?	309999	4977803		light brown to red clay saprolite? Disintigrated rock frags at 18"	11/2/2011	Aquila
Soil			county rd Q west depth 0"-6" hit bedrock ?	309998	4977702		dark black mud, sample taken in standing water	11/2/2011	Aquila
Soil			county rd Q west depth 6"-32" hit bedrock yes	309995	4977598		light brown-green disintigrated rock frags saprolite/regolith	11/2/2011	Aquila
Soil			county rd Q west depth 4"-26" hit bedrock yes	309980	4977364		light brown-green disintigrated rock frags saprolite/regolith	11/2/2011	Aquila
Soil			county rd Q west depth 6"-30" hit bedrock yes	309976	4977255		light brown-green disintigrated rock frags saprolite/regolith	11/2/2011	Aquila
Soil			County Rd Z south depth hit bedrock	316017	4984076		unable to collect sample larg boulders man made pounds in area	9/21/2011	Aquila
Soil			County Rd Z south depth hit bedrock	316540	4984074		could not collect sample bedrock at surface	9/21/2011	Aquila
Stream	872455		County Road Q	309948	4976580			9/8/2011	Aquila
Stream	872456		County Road Q	309948	4976580			9/8/2011	Aquila
Stream	872457		Townhall Road	308368	4976449			9/8/2011	Aquila
Stream	872458		Townhall Road	308368	4976449			9/8/2011	Aquila
Stream	872459		S. Highland Street	306859	4982427			9/8/2011	Aquila
Stream	872460		S. Highland Street	306859	4982427			9/8/2011	Aquila
Stream	872461		County Road Y	315938	4974025			9/9/2011	Aquila
Stream	872462		County Road Y	315938	4974025			9/9/2011	Aquila
Stream	872463			317766	4977578			9/9/2011	Aquila
Stream	872464			317766	4977578			9/9/2011	Aquila
Stream	872465		County Road Q	309948	4976580		Second trial on CR Q and Mole Brook. Got this sample down to a fine grained, black sand but no color was seen.	9/12/2011	Aquila
Stream	872473		Townhall Road	308368	4976449		Second trial on Townhall Road and Mole Brook. This brook is along a nice mag anomaly with conductors. Took sample from the gravel/sand side of the stream on the inner bend. Other side of stream appears muddy/silty.	9/13/2011	Aquila
Stream	872474		Mole Brook Road	309280	4978009		Taken on Mole Brook Road and Mole Brook. Brook is along a nice mag anomaly with conductors. Took sample from inner bend of stream where sediment is sandy/gravely. Other side of stream appears muddy.	9/13/2011	Aquila
Stream	19151		Hwy Z	310330	4984334		moderatly flowing not many heavies; no visible gold	9/30/2011	Aquila
Stream	19152		S. Highland Street	306988	4985342		fast moving water; moderatle heavies; no visible gold	10/1/2011	Aquila
Stream	19153		star road-junction intersection	307897	4986044		fast moving; boulders; great heavies; one small speck of visible gold	10/1/2011	Aquila
Stream	19154		cr Y-cr N intersection	316568	4979257		moderatly fast moving stream; some very large boulders; no visible gold; some lead shot in sample	10/4/2011	Aquila
Stream	19155		Highland-hwy52 intersection	323210	4988647		Public fishing and hunting grounds; noderatly fast; boulders up to about 18" across; not many heavies; o visible gold; plow river	10/13/2011	Aquila
Stream	19156		sportsman dr	321235	4985558		plow river; side of rode sample taken from is public fishing and hunting grounds; very fast moving water, but few boulders up to about 12" across; lots of gravel; good heavies; no visible gold	10/14/2011	Aquila
Stream	19157		CR-Z	320533	4983991		20'-30' feet wide; moderatly flowing; v. few boulders approximatly 12" across and gravel; plow river; moderatl heavites, red garnets; magnetite and no Visible gold	10/14/2011	Aquila
Stream	19158		J-Kersten rd intersection	303419	4978258		15'-20' wide and some gravel; boulders up to 8"-10" acress; good heavies; garnet; magnetitie; no visible gold	10/14/2011	Aquila
Stream	19159		Birnamwood near CR-D	303417	4978255		V. fast moving creek/stream through 2 culverts; 3' to 10' wide; few boulders up to 12: and good gravel; flowing NW to SE; good heavies; magnetite and garnets; one small flake of gold	10/15/2011	Aquila
Stream	19160		Highland rd	306874	4982401		shallow stream; verry fast flowing; flowing E to W; predominatly pebbles up to 3" across; v. few boulders up to 8" across; good heavies lots of bright red garnets and magnetite no visible gold	10/15/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Soil			Inspectorate	3	0.00											20.00											
Soil			Inspectorate	3	0.00											20.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											32.00											
Soil			Inspectorate	3	0.00											14.00											
Soil			Inspectorate	3	0.00											24.00											
Soil			Inspectorate	3	0.00											35.00											
Soil			Inspectorate	3	0.00											45.00											
Soil			Inspectorate	3	0.00											60.00											
Soil			Inspectorate	3	0.00											97.00											
Soil			Inspectorate																								
Soil			Inspectorate																								
Stream	872455		MPC		0.22																						
Stream	872456		MPC		0.17																						
Stream	872457		MPC		0.13																						
Stream	872458		MPC		0.13																						
Stream	872459		MPC		0.08																						
Stream	872460		MPC		0.54																						
Stream	872461		MPC		0.18																						
Stream	872462		MPC		0.12																						
Stream	872463		MPC		0.04																						
Stream	872464		MPC		0.67																						
Stream	872465		MPC		1.07																						
Stream	872473		MPC		21.21																						
Stream	872474		MPC		0.04																						
Stream	19151		MPC		0.30																						
Stream	19152		MPC		0.03																						
Stream	19153		MPC		0.86																						
Stream	19154		MPC		0.03																						
Stream	19155		MPC		0.10																						
Stream	19156		MPC		0.11																						
Stream	19157		MPC		0.04																						
Stream	19158		MPC		0.13																						
Stream	19159		MPC		0.04																						
Stream	19160		MPC		0.58																						

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Soil											
Stream	872455										
Stream	872456										
Stream	872457										
Stream	872458										
Stream	872459										
Stream	872460										
Stream	872461										
Stream	872462										
Stream	872463										
Stream	872464										
Stream	872465										
Stream	872473										
Stream	872474										
Stream	19151										
Stream	19152										
Stream	19153										
Stream	19154										
Stream	19155										
Stream	19156										
Stream	19157										
Stream	19158										
Stream	19159										
Stream	19160										

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	ROAD/LANDMARK	NAD83 UTM Zone 16N		ROCK	COMMENTS	SAMPLE DATE	COMPANY
				EASTING	NORTHING				
Stream	19161		east tower rod	307725	4982857		slow to moderatly fast stream/creek;2 culverts; 3 feet to 10 feet wide; a few feet deep;few boulders up to 8" across; sample taken from gravel bar; good havies; bright red garnets; magnetite; no visible gold	10/15/2011	Aquila
Stream	19162		Junction rd/hwy Q intersection	308703	4985978		3'to 12' wide; bridege; lots of boulders moderatly flast flowin; 2' deep to too deep for hip waders; some gravel; sample taken very close to bridge; flowing E to W; one very small flake of gold; good heavies	10/15/2011	Aquila
Stream	19163		Junction rd near wonderland rd	305729	4986221		bridge sample; nearby rock pile looked interesting from a distance;; flow NW to SE; slow to moderatly fast flowing; 3' to 12' wide; no more than 3' deep; one small speck of visible gold; good heavies; garnet and magnetite	10/15/2011	Aquila
Stream	19164		Meadow RD	306976	4987738		near farm; bridge; nearby rock pile like previous sample nearby; 8' to15' wide; v. fast flow; N to S; only couple feet deep; boulders up to 10" across and good gravel; poor heavies; some magnetite; no visible gold	10/16/2011	Aquila
Stream	19165		Church Rd	310669	4987523		bridge; stream moderatly fast flow; 6' to 10' wide; N to S flow; few boulders up to 8" across; good gravel; few feet deep; great heavies; 2 flakes of visible gold magnetite; and garnet	10/16/2011	Aquila
Stream	19166		Woodland rd	311947	4988510		Moderatly fast flowing; NE to SW; 6' to 10' wide; few feet deep at deepest point; few boulders up to 8" across; some gravel; bridge sample; good heavies, two v.small flakes of visible gold, magnetite, and few garnets	10/16/2011	Aquila
Stream	AA92611-1		Hemlock rd	309639	4992058		Headwaters, unamed creek crossing hemlock rd;creek runs NE to SW; V. FAST FLOW 3' TO 6' wide; good site with boulders up to 10" ; granitic, g…? Rich gravel; good heavies, magnetite, v. fine well rounded sparse garnets, no Au seen, qtz as heavies	9/26/2011	Aquila
Stream	AA92611-2		Hemlock rd	309639	4992058		50 meters downstream in same stream; 100' continuous gravel bar with boulders to 2'; good heavies; magnetite, and minor fine red garnet, v. fine clear qtz, one 1mm grain of pyrite, no v.g no gps taken	9/26/2011	Aquila
Stream	AA92611-3		hemlock rd	309619	4990849		big sandy creek; v. fast flowing water 2-4' deep; sample at a bouldery chute 6' wide in drainage, otherwise10-15' wide, good heavies, magnetite, 20% almond …. Garnets and fine clear qtz sand (Mind…?)one tiny flake of Au	9/26/2011	Aquila
Stream	92611-4		forestville rd	311618	4978689		culvert crossing; forestville rd, stream flows NE-SW; v. fast 1-3' deep; 15-20' wide; densley packed boulders to 3' across, heavies good, and fine magnetite, 10-15% garnet, 1 possible grain of scheelite, no visible gold	9/26/2011	Aquila

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	LAB	Au ppb	Au ppm	Ag ppm	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm
Stream	19161		MPC		0.82																						
Stream	19162		MPC		0.32																						
Stream	19163		MPC		0.20																						
Stream	19164		MPC		0.21																						
Stream	19165		MPC		0.78																						
Stream	19166		MPC		0.09																						
Stream	AA92611-1		MPC		0.10																						
Stream	AA92611-2		MPC		0.46																						
Stream	AA92611-3		MPC		0.90																						
Stream	92611-4		MPC		0.04																						

APPENDIX E - Surface Sampling - Boulder Sampling, Soil Sampling, Stream Sampling

Sample Type	Field Sample	Lab Sample	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	V ppm	W ppm	Zn ppm	Zr ppm
Stream	19161										
Stream	19162										
Stream	19163										
Stream	19164										
Stream	19165										
Stream	19166										
Stream	AA92611-1										
Stream	AA92611-2										
Stream	AA92611-3										
Stream	92611-4										