

REPORT ON THE SIXTY MILE PROPERTY 2011 GEOPHYSICAL SURVEY & DIAMOND DRILLING

(Work Performed: June 17 – Sept 21, 2011)

Claim_Name*	Claim_Name*	Claim_Name*	Claim_Name*
Mary 17 - 24	Bud 1 - 24	Andrea 4 -	BK 158 - 173
Mary 25 - 28	Cici 44 -	Andrea 3 -	BK F 174 - 181
Mary 29 - 30	Cici 46 - 47	Andrea 2 -	BK 182 - 190
Uni 2 -	Creek 31 - 38	Andrea 1 -	Ali 1 - 64
Uni 4 -	Uni 46 - 47	WAM 1 - 16	Ali 65 - 76
Uni 6 -	Uni 49 -	WAM 17 - 52	Andrea 5 - 24
Uni 10 -	Mike 1 - 20	BK 269 -	CHOL 1 - 24
Uni 12 -	SMF 1 - 8	BK 1 - 8	Mill 1 - 2
Cici 3 - 6	Jed 1 - 4	BK F 10 -	Cache 15 - 66
Cici 14 - 16	Jed 5 - 6	BK 11 - 20	Gabr 1 - 13
Cici 18 -	Rod 1 - 8	BK 22 - 39	Gabr 16 - 39
Cici 25 -	Uni 54 -	BK 41 - 50	Stella 1 - 18
Cici 27 -	Uni 56 -	BK 74 - 84	Bo 1 - 10
Uni 22 - 28	Uni 58 -	BK 87 - 112	Bo 29 - 34
Uni 38 -	Uni 61 - 65	BK 114 - 117	Bo 24 - 27
Uni 40 -	Uni 60 -	BK 119 - 129	Bo 11 - 23
Creek 7 -	Jed 7 - 10	BK 131 - 135	Bo 35 - 44
Creek 8 - 14	Jed 11 - 14	BK 138 -	Bo 45 - 46
Creek 19 - 23	Jed 15 - 16	BK F 149 -	Bo 28 -
Creek 25 - 26	BK 243 - 254	BK 150 - 156	BK 260 -
Creek 1 - 2	BK 256 - 258	BK F 157 -	BK 261 - 268

*See Table 1 for Grant Numbers and Registered Owners

DAWSON MINING DISTRICT, YUKON TERRITORY
NTS: 116C/02 & 115N/15

Latitude 64° 02' 00" N
Longitude 140° 54' 00" W

Owner and Operator:
Rackla Metals Inc.
Suite 650-300 Burrard Street
Vancouver, British Columbia
V6C 3L6

Prepared by:
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May 8, 2012

2011 Sixty Mile Project

SUMMARY

The purpose of this report is to fulfill assessment requirements on 657 quartz claims that make up a portion of the Sixty Mile Project (total of 915 claims as of May 8, 2012). They cover a large portion of the Sixty Mile placer gold district located approximately 75 km west of Dawson City, Yukon, adjacent to the Yukon-Alaska border. Collectively, the claims cover an area of approximately 13,500 hectares and are comprised of Yukon two-post Quartz claims held directly by Rackla Metals Inc. or through option agreements. Access to the property is by the posted 15-kilometre-long Sixty Mile Road, from the Top of the World Highway.

The 2010 exploration program from June 17 – September 21, 2011 consisted primarily of geophysical surveys and diamond drilling. Three cut line, the Kennecott, Miller Creek and Layfield grids, totaling 19.5 km were surveyed by induced polarization – resistivity (IP) and horizontal loop electromagnetic (HLEM). Four diamond drill holes, testing geological, geochemical and geophysical targets, totaling 1225.6 m were drilled in 2011 with 3 holes on the Kennecott grid and one hole on the Layfield grid.

The Sixty Mile placer district has produced approximately 435,000 crude ounces of gold since 1892 (LeBarge, 2006). The bedrock sources for most of the placer gold is unknown although both orogenic (mesothermal) and epithermal types of veining have been found in a number of areas on the property. The primary target identified by Rackla is the Thrust Fault Zone, an eight kilometer by 250 – 800 m wide northeast striking linear belt of Permian to Mississippian metasedimentary rocks disrupted by thrust faults. This mineralization is thought to be Jurassic in age and similar to mineralization found in the White Gold District. Orogenic auriferous quartz-sulfide veins at the Kennecott and Layfield grids were drill tested in 2012.

The best gold values averaging 1.57 gpt over 24.07 m were obtained from an interval of quartz veins cutting felsic augen schists in DDH11-18. Nine of the samples within the 24 m intersection, with sample widths varying between 0.45 m to 1.08 m graded between 1116 ppb and 18,100 ppb gold. Generally the veins cut the foliation at high angles and locally contain visible gold along with arsenopyrite +/- pyrite, +/- galena, +/- sphalerite. This zone coincides with the margin of a chargeable (IP) low offset from a conductive zone. This margin may represent a contact or thrust plane which acted as a fluid conduit. Drill holes DDH11-19 and 20, located hundreds of meters to kilometers from DDH11-18, targeted similar chargeability / conductivity high margins and both drill holes contained significant gold and arsenic values.

Given the encouraging diamond drilling results and the apparent success of the IP survey in detecting lithological – mineralogical differences associated with gold mineralization in DDH11-18, additional work is warranted and recommended. Additional IP surveys adjacent DDH11-18 is required to see if the chargeability / conductivity margins can be traced to the northeast and southwest. Additional diamond drilling is recommended adjacent to DDH11-18 as well as above and below the intersection to test the continuity of the gold bearing quartz veins hosted by the augen felsic schist unit. Thought should be given to drilling vertical drill holes so both the foliated lithologies and the quartz veins will be cut at high angles.

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1.0 INTRODUCTION

The purpose of this report is to describe the June 17, 2011 – September 21, 2011 interval of the 2011 work program to fulfill assessment requirements on 657 quartz claims. These claims are part of the larger Sixty Mile property (915 claims in total), a mix of wholly owned and claims optioned by Rackla Metals Inc. The focus of this report is on the geophysical and diamond drilling work carried out on the Kennecott and Layfield Grids.

The road accessible property covers most of the Sixtymile placer gold district, which is estimated to have produced in excess of 435,000 crude ounces since 1892 (LeBarge, 2006). The claims cover a number of different mineral occurrences including epithermal vein type, orogenic gold bearing quartz +/- sulfide veins, skarn or replacement occurrences and a placer cinnabar occurrence.

Although the district has been explored for lode gold deposits since 1896 most exploration has been of limited duration and piecemeal. Records for only two drill campaigns prior to 2010 have been located: programs in 1988 and 1989 totaling 1176 m in 14 holes (Yukon MINFILE). In 2010 seven diamond drill holes, totaling 1607.81 m were completed including 1143.30 m in four holes on the Kennecott Zone.

The purpose of the 2011 work program was to follow up on diamond drilling results from 2010 on the Kennecott Zone and to test geological, geochemical and geophysical (IP – resistivity and HLEM) anomalies indentified in 2010 and 2011 on the Kennecott and Layfield Zones.

Work from June 17, 2011 to September 21, 2011 consisted of a ground geophysical survey and diamond drilling. The geophysical program was carried out by Aurora Geosciences Ltd. and consisted of induced polarization – resistivity (IP), horizontal loop electromagnetic (HLEM) and extremely low frequency electromagnetic (ELF-EM) surveys. Kluane Drilling Ltd. drilled four diamond drill holes, totaling 1225.60 m, on the portion of the property grouped and filed for assessment (the focus of this report).

The report also describes the location, access, history, geological setting, known mineralization of the property and outlines a proposed exploration program to further explore the property for orogenic gold mineralization.

1.1 Location and Access

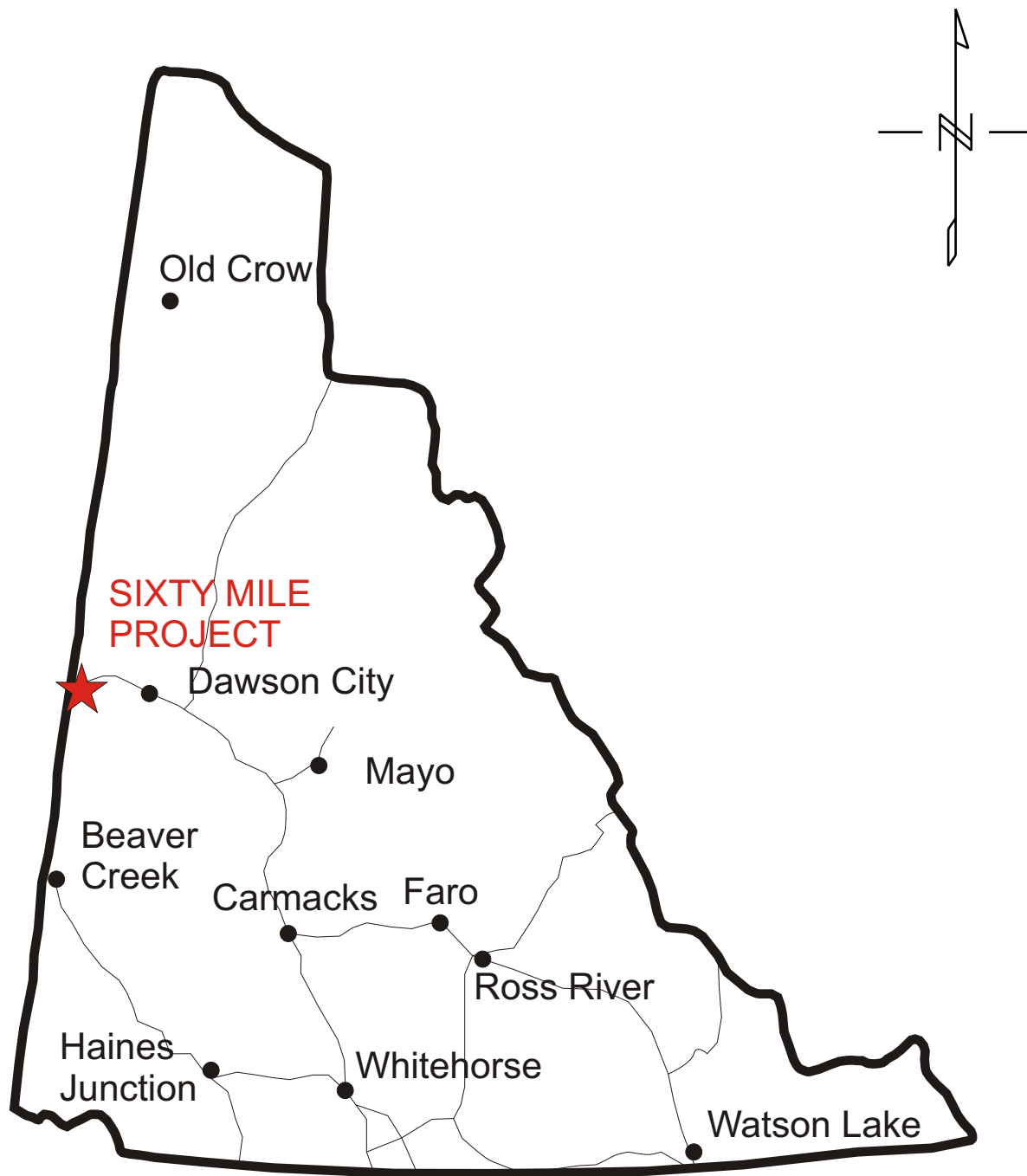
The claims are located in the Sixty Mile placer district and cover the area between the Alaska – Yukon border, on the west side, to the southeast side of the valley occupied by the northeast flowing Sixty Mile River. The property is located on map sheet NTS 116C/02 and 115N/15 (Figure 1).

The property is located approximately 75 km due west of Dawson. Access to the project area is via the posted Sixty Mile Road that turns south off the Top of the World Highway (Hwy 11) at approximately kilometer 87. The north side of the claims are reached about 2.5 km from the turn off and the 2011 camp on Glacier Creek at about 11 km. Numerous roads built, maintained and changed as needed by the local placer miners access the claim group. The southeast side of the claim group is accessed by foot from roads in the valley bottom; this includes fording the Sixty Mile River.

The northwest side of the claim group can be accessed by a road that turns off, to the south, just before the Little Gold Creek border crossing. This road access a number of side roads and trails on the north-south ridge just east of the border. One side road, called the 'High Road' turns southeast, down the ridge between Glacier and Little Gold Creek and leads to camp site on Glacier Creek. The roads are generally usable by 2WD truck from early June to late September.

The Top of the World Highway is not maintained during winter months and the George Black ferry crossing the Yukon River at Dawson City operates between mid-late May and mid-October.

Daily plane service can be gained in Dawson City to Whitehorse, where there is daily jet airplane service to Vancouver, British Columbia and other points south.



Radius Gold Inc.

Sixty Mile Project Location Map

Figure 1

Date: April 16, 2010

Drawn By: Scott Turton

0 50 100 150
Kilometres

1.2 Topography, Vegetation and Climate

Topography in the region is typical of an incised peneplain with steep hillsides and rounded crests. The area was beyond the limits of the last two continental glacial events and minor evidence of glaciations in the region is a result of localized alpine glaciers. Alluvium in the valleys is mostly locally derived. Hillsides are covered with a veneer of colluvium also locally derived. Elevation ranges from 2,100 feet (640 m) in the Sixty Mile valley to approximately 4,700 feet (1433 m) on the west ridge near the Alaska – Yukon border. In the valley bottoms permafrost is not a consideration except near the well vegetated hillsides. On the hillsides and ridge spurs, particularly northerly facing slopes and poorly drained areas, permafrost (often as frozen black muck) is a serious hindrance to exploration.

Rock outcrop in the area is restricted to ridges, small cliffs, creek bottoms and along road and trench cuts. The Per occurrence, located in the Sixty Mile River valley, has been exposed in the past by placer miners but is now covered by placer mined gravel tailings, ponds and waste piles. These placer tailings are estimated to be <5 m to 8 m thick. Often bedrock type can be determined by angular boulders, of consistent type, piled (by placer miner activity) on top of the more typical rounded mixed lithologies of river gravel and boulders.

Vegetation in the valley bottoms consists of alder, dwarf birch, balsam fir, white and black spruce. Ground cover in areas of thin tree cover consists of alpine plants, 'buckbrush' (alder), dwarf willow and moss. Beaver dams in the numerous side channels and placer drainages result in many ponds that restrict and hinder access. Hillsides and ridges are covered with pine, spruce, birch and poplar on well-drained slopes and stunted black spruce in areas of permafrost. Treeline is at approximately 3,500 feet (1070 m). Vegetation is generally more abundant on east and south facing slopes. Grizzly and black bears as well as moose frequent the valley bottom, attracted by young vegetation on the placer tailings.

Climate is characterized by low precipitation and a wide temperature range. Winters are cold and temperatures of -30°C to -45°C are common. Summers are moderately cool with daily highs of 10°C to 25°C . Thunder showers are a common occurrence. Smoke from forest fires can be thick at certain times. The seasonal window for prospecting is from late May to mid-September.

1.3 History

The Sixty Mile district has been worked for placer gold since the discovery of gold on Miller Creek in 1892. Placer gold production likely exceeds the recorded figure of 435,109 ounces won from the creeks during the period 1892-2005 (LeBarge, 2006). The bulk of the placer gold was mined from Miller, Glacier, Bedrock, Little Gold, Big Gold Creeks and the Sixty Mile River.

Along with the placer activity, lode prospecting of the district has occurred since the first hard rock claims were staked over the Miller galena occurrence (located on Upper Miller Creek) in 1896 (Yukon MINFILE 116C 019).

Ulrich Glasmacher reported on the paragenesis and characterization of mineralization found in the Sixty Mile area in his 1984 Master's dissertation (Glasmacher, 1984). He was also responsible for other studies in the Sixty Mile River area (Glasmacher and Freidrich, 1992) including overseeing the diamond drilling on the Per auriferous vein occurrence (Yukon MINFILE 115N 041) for Klondike Gold Mining Corporation in 1988 (Glasmacher, 1988).

Kennecott Canada Exploration Inc. staked and optioned most of the ground between the Alaska border – Sixty Mile River and Miller and Glacier Creeks in 1998 (Hulstein and Zuran, 1999). As the first large scale integrated exploration program in the area Kennecott compiled the previous data and carried out a property mapping, property stream and soil geochemistry program, a gravity survey and a helicopter airborne magnetic survey.

In 2003 Roger Hulstein staked the Paul 1-10 and Toni 1-8 claims and vended them to North American Gold Inc. (now Northland Resources Inc.). North American Gold Inc. carried out a small trenching program in 2003 in an effort to locate the Per vein structure intersected in 1988 by Klondike Gold Mining Corporation (Hulstein, 2004). In 2005 and 2006 Hulstein staked the Toni 9-28 claims and in 2008 the Toni 29-32 claims.

In 2009 Radius Gold optioned the Paul 1-10, Toni 1-8, Kurt 1-4, Vance 1-5, Mike 11-13, Jess 1-4, Andrea 1-4, SMF 3,5,8,13,14, Toni 22 and 24 claims and staked the BK and ALI claims. In 2010 Radius staked additional claims; Shy, Gabr, Bo, Cache, Mill and DMR bringing the total number to 915 owned and optioned. Work consisted of reconnaissance mapping, soil sampling, excavator trenching, auger drilling, rotary air blast drilling and diamond drilling 7 holes totaling 1607.81m (Hulstein and Clark, 2011) .

The following is a summary from Yukon MINFILE, in chronological order, of significant work and events carried out in Sixty Mile valley and nearby area since 1892.

1892: Placer gold discovered in the Sixty Mile River area by C. Miller.

1896: Claims staked over the Miller galena occurrence located near the headwaters of Miller Creek.

Early 1900's: Placer miners found coal in Tertiary sedimentary rocks.

1915-1916: North American Trading and Transportation Co. dredged near the mouth of Miller Creek.

1920: (or prior), placer miners find galena, sphalerite and arsenopyrite veining discovered in Sixty Mile valley (Per occurrence – Yukon Minfile).

1929-1941: The dredge was refurbished by the Holbrook Dredging Co. which mined in the Sixty Mile Valley.

- 1947-1959: A new dredge was constructed by Yukon Exploration and Yukon Placer Mining Co. which mined the lower reaches of Glacier and Big Gold Creeks and part of Sixty Mile River.
- 1953: First claims staked in WY Gulch to cover possible source of cinnabar veinlet fragments found in placer concentrates, hand trenching done.
- 1965: Per occurrence in Sixty Mile Valley, near mouth of Miller Creek, trenched and tested by 2 short drill holes. Northern Exploration Limited bulldozer trenched in WY Gulch area.
- 1970: Dawson Range Joint Venture staked and explored upper Poker Creek following the release of anomalous stream geochemical results by Alaska Department of Natural Resources.
- 1974: W. Yaremico staked first of the Mary Claims in Miller Creek.
- 1975-1977: W. Yaremico trenched in WY Gulch
- 1980: Jon Millhouse staked first of Vance claims.
- 1981: W. Yaremico staked WY claims. Fred Chudy (Chumar Placers Ltd., later Klondike Sand and Gravel Co. Ltd. and Klondike Underground Mining Ltd.) commenced underground placer operations on Miller Creek (upper adit). Lower adit completed later and U/G mining ended 1990.
- 1982: Territorial Gold Placers Limited trenched in WY Gulch. Homestake Mines Ltd. staked the ridge (Glac claims) between Miller and Glacier Creeks. Claims staked at head of Glacier Creek (fluorite vein occurrence?).
- 1983: Homestake mapped and sampled Glac claims.
- 1984: Noranda staked Glasmacher occurrence (Minfile No. 116C 153) and other areas (LGC claims). Jon Millhouse trenched Vance claims.
- 1985: Erwin Kreft restaked Per occurrence and area. Jon Millhouse trenched Vance claims. Noranda soil, stream sediment and rock sampled their LGC claims.
- 1986: Erwin Kreft trenched Per occurrence, Esso Minerals Canada Limited tied onto Erwin Kreft's claims in Sixty Mile Valley.
- 1987: Esso mapped and sampled, Erwin Kreft trenched.
- 1988: Klondike Gold Mining Corporation optioned Per occurrence from Erwin Kreft and drilled 7 holes (765m) and intersected 8.76 gpt Au over 10.5 m in DDH D4/88-02. The option was subsequently dropped and no follow-up was carried out. Jon Bergvinson (Layfield Resources) staked the Rod and Ney claims north and south of Miller Creek and sampled and mapped. Dawson Eldorado Mines Ltd. staked Gla claims (upper Glacier Creek) and mapped and sampled.
- 1989: Homestake Mineral Development Co. Ltd. optioned Esso's ground, then mapped and sampled it. Layfield Resources inc. diamond drilled seven holes (410.7 m) on their Headwaters project.

- 1990: Sixty Mile Placers Ltd. (G. Hakonson) auger drilled 205 holes from mouth of Big Gold Creek to 1.2 km below Five Mile Creek.
- 1991: Sixty Mile Enterprises Limited (W. Yaremico) trenched Mary claims. Jon Bergvinson built trails, trenched and diamond drilled (410.7 m) on Rod 32 and 34 claims.
- 1996: Madrona Mining Limited optioned the Cici, Uni and Creek claims located near the headwaters of Glacier Creek from prospector John Peter Ross and flew an airborne aeromagnetic and magnetic survey (Marchand, 1997).
- 1997: Madrona soil sampled their property (1700 samples).
- 1998 - 1999: Kennecott Canada Exploration Inc. staked and optioned most of the ground between Miller and Glacier Creeks and Sixty Mile River. Kennecott carried out a property mapping, property stream and soil geochemistry program, a gravity survey, a helicopter airborne magnetic & radiometric survey and trenched on the ridge southwest of Miller Creek. Teck Corp. Staked and explored the Glacier claims (covered Layfield's trenches and drill holes) and Mike McDougall (K-1 Mining and Services) the Bud claims.
- 2003-2004: Roger Hulstein staked the Rod 1-8, Paul 1-10 and Toni 1-8 claims and vended them to North American Gold Inc. (now Northland Resources Inc.). North American Gold Inc. carried out a small trenching program in 2003 in an (unsuccessful) effort to locate vein structure(s) at the Per Occurrence (Hulstein, 2004). In 2004 North American Gold Inc. optioned the Vance 1-5 claims from the estate of prospector Jon Millhouse.
- 2005 - 2008: Roger Hulstein staked the Toni 9-14 claims, Toni 15-28 claims and in 2008 the Toni 29-32 claims and carried out reconnaissance programs.
- 2009: Radius Gold Inc. acquired (by option and staking) most of the claims that cover the Sixty Mile River valley, Miller, Glacier Creeks to the Alaska border (Sixtymile placer gold camp).
- 2010: Radius staked additional claims (Chol, Glac, Shy, Gabr, Bo, Cache), trenched and diamond drilled gold soil anomalies at the Kex Zone (on the ridge south of Miller Creek), Toni Zone (SE side of Sixtymile River) and one drill hole on the Walker Fork gold in soil anomaly. In addition Radius flew an airborne magnetic and radiometric survey, carried out soil sampling and geological mapping (Hulstein and Clark, 2011).

1.4 2011 Work Program

The 2011 exploration program initially focused on exploring the Sixtymile River Valley, 'Graben Fault Zone', for silica hosted epithermal gold deposits by grid auger drilling (by Sylvain Fleurant), carrying out a CSAMT (controlled Source Audio-Magneto Telluric survey, Zonge International), extremely low frequency electromagnetic (ELF-EM) surveys (Aurora Geosciences) and diamond drilling (by Kluane Diamond Drilling). Diamond drilling tested the CSAMT and auger drill hole anomalies and followed up on

the anomalous 2010 diamond drill results at the Toni Zone and drill tested the Per mineral occurrence area.

The orogenic gold 'Thrust Fault Zone' was explored by induced polarization – resistivity (IP-Resistivity), horizontal loop electromagnetic (HLEM) surveys (by Aurora Geosciences) on the targets at Kennecott (Kex) and Layfield Grids and the area between them in Miller Creek valley, the Miller Grid (Hildis, 2012, included as Appendix A). An IP-Resistivity and HLEM survey was also carried out over the Chalach Zone. Diamond drilling on the Kex and Layfield Grids followed up on anomalous results obtained in 2010 and on geophysical targets identified by the HLEM and IP-Resistivity surveys.

Work was also assisted by visits from the University of British Columbia's Mineral Deposit Research Unit (MDRU) researchers: Dr. Jim Mortensen, Dr. Rob Chapman and Dr. Murray Allan. They assisted in identifying rock types and possible deposit models and helped with drill hole targeting at the Kex and Layfield Grids.

Work started March 31, 2011 with the grid auger drill sampling program and camp was closed on September 25, 2011. Personnel were based at a 24 person tent and trailer camp located near the mouth of Glacier Creek. Project and camp was managed by Aurora Geosciences from late May to July 6, 2011 after which Radius staff managed the project and Aurora continued to manage camp and personnel. The camp site, cook and dining trailer, water supply system and 40 kw generator were rented from K-1 Mining and Services (operated by placer miner Mr. Mike McDougall).

Three Ford pickup trucks were rented from Enterprise Rent-A-Car in Prince George for vehicle requirements. Eight Bombardier ATV's were rented from Rical Mining to access work areas. Camp was opened on May 24, 2011 and closed on September 25, 2011. An FM VHF repeater was rented from Total North Communications and installed on a ridge high point southeast of Sixtymile River near the mouth of Glacier Creek.

Auger drilling was carried out by Mr. Sylvain Fleurant, owner and operator of an auger drill business based in Dawson City. A total of 344 holes (2953.5 m) were drilled between March 31, 2011 and June 15, 2011, including 8 drilled for Mike McDougall (placer miner) and sampled by Radius Gold Inc.

Kluane Diamond Drilling Ltd, based in Whitehorse, Yukon, was contracted to drill 20 NTW or HTW size (5.61 cm and 7.09 cm diameter) diamond drill holes totaling 5273.47 m. Two areas were tested; the orogenic gold 'Thrust Fault Zone' and the 'Graben Fault Zone' in the Sixtymile River Valley. Within the Thrust Fault Zone two previously trenched and diamond drilled areas, Kex and Layfield Grids, were tested by four drill holes (the focus of this report). The Graben Fault Zone was tested by 16 drill holes including 2 that followed up on the anomalous intersections obtained in 2010 at the Toni Zone. Drill logs with selected geochemical results from the Kex and Layfield Grids are included as Appendix C.

Helicopter support for diamond drilling and portions of the geophysical survey was provided by Fireweed Helicopters Ltd.

Hand-held GPS receivers (Garmin GPSmap 60CSx) were used to plot locations of rock and soil samples, access routes, claim posts and other features (approximate +/-5m accuracy). All geochemical samples were shipped to Acme Analytical Laboratories Ltd. in Whitehorse, Yukon for sample preparation after which they were forwarded to their Vancouver laboratory for analysis.

1.5 Claim Status

The Sixty Mile property consists of 915 full and fractional size claims that cover an area of approximately 18,500 hectares and consist of unsurveyed contiguous two-post Yukon 'Quartz' claims (Figure 2). This report describes work carried out on the property from June 17 to Sept. 21, 2011 that was filed for assessment on a 657 claim group (Table 1) on April 11, 2012.

All claims were staked according to the Yukon Quartz Mining Act and are located in the Dawson Mining District. They are shown on claim sheet 115N/15 and 116C/2 and are available for viewing at the Dawson Mining Records Office. All the claims listed in Table 1 are held by Rackla Metals Inc. directly or through various option agreements.

Table 1. List of Claims Grouped and filed for renewal April 11, 2011.

CLAIM NAME	GRANT	NUMBER	No.	REGISTERED OWNER	NTS Map	EXPIRY DATE*
Mary 17 - 24	YA47929	- 47936	8	Sixty Mile Enterprises Ltd.	116C02	31/03/2018
Mary 25 - 28	YA55095	- 55098	4	Sixty Mile Enterprises Ltd.	116C02	31/03/2018
Mary 29 - 30	YA55099	- 55100	2	Sixty Mile Enterprises Ltd.	116C02	31/03/2018
Uni 2	YB67500		1	John Peter Ross	116C02	31/03/2018
Uni 4	YB67502		1	John Peter Ross	116C02	31/03/2018
Uni 6	YB67504		1	John Peter Ross	116C02	31/03/2018
Uni 10	YB67508		1	John Peter Ross	116C02	31/03/2018
Uni 12	YB67510		1	John Peter Ross	116C02	31/03/2018
Cici 3 - 6	YB67514	- 67517	4	John Peter Ross	116C02	31/03/2018
Cici 14 - 16	YB67525	- 67527	3	John Peter Ross	116C02	31/03/2018
Cici 18	YB67529		1	John Peter Ross	116C02	31/03/2018
Cici 25	YB67536		1	John Peter Ross	116C02	31/03/2018
Cici 27	YB67538		1	John Peter Ross	116C02	31/03/2018
Uni 22 - 28	YB88685	- 88691	7	John Peter Ross	116C02	15/03/2015**
Uni 38	YB88701		1	John Peter Ross	116C02	15/03/2015**
Uni 40	YB88703		1	John Peter Ross	116C02	15/03/2015**
Creek 7	YC03742		1	John Peter Ross	116C02	31/03/2018
Creek 8 - 14	YC03743	- 3749	7	John Peter Ross	116C02	31/03/2018
Creek 19 - 23	YC03754	- 3758	5	John Peter Ross	116C02	31/03/2018
Creek 25 - 26	YC03760	- 3761	2	John Peter Ross	116C02	31/03/2018
Creek 1 - 2	YC04560	- 4561	2	John Peter Ross	116C02	31/03/2018
Bud 1 - 24	YC07222	- 7245	24	Micheal McDougall and Stuart Schmidt	116C02	31/03/2018
Cici 44	YC07257		1	John Peter Ross	116C02	31/03/2018
Table 1 continued						
Cici 46 - 47	YC07259	- 7260	2	John Peter Ross	116C02	31/03/2018
Creek 31 - 38	YC07263	- 7270	8	John Peter Ross	116C02	31/03/2018
Uni 46 - 47	YC07375	- 7376	2	John Peter Ross	116C02	31/03/2018

Uni 49	YC07378		1	John Peter Ross	116C02	31/03/2018
Mike 1 - 20	YC27028	- 27047	20	Micheal McDougall and Stuart Schmidt	116C02	31/03/2018
SMF 1 - 8	YC34635	- 34642	8	Frank Hawker, Stuart Schmidt and Micheal McDougall	115N15	31/03/2018
Jed 1 - 4	YC35879	- 35882	4	Edward J. Lilley and Jayce Murtagh	116C02	31/03/2018
Jed 5 - 6	YC35945	- 35946	2	Edward J. Lilley and Jayce Murtagh	116C02	31/03/2018
Rod 1 - 8	YC36191	- 36198	8	Roger Hulstein	116C02	31/03/2018
Uni 54	YC44635		1	John Peter Ross	116C02	31/03/2018
Uni 56	YC44637		1	John Peter Ross	116C02	31/03/2018
Uni 58	YC44639		1	John Peter Ross	116C02	31/03/2018
Uni 61 - 65	YC44685	- 44689	5	John Peter Ross	116C02	31/03/2018
Uni 60	YC44690		1	John Peter Ross	116C02	31/03/2018
Jed 7 - 10	YC63809	- 63812	4	Edward J. Lilley and Joyce Murtagh	115N15	31/03/2018
Jed 11 - 14	YC63895	- 63898	4	Edward J. Lilley and Joyce Murtagh	116C02	31/03/2018
Jed 15 - 16	YC63899	- 63900	2	Edward J. Lilley and Joyce Murtagh	116C02	31/03/2018
BK 243 - 254	YC95125	95136	12	Radius Gold Inc. - 100%	116C02	31/03/2018
BK 256 - 258	YC95138	- 95140	3	Radius Gold Inc.	116C02	31/03/2018
Andrea 4	YD96097		1	Jayce Murtagh	116C02	31/03/2018
Andrea 3	YD96098		1	Jayce Murtagh	116C02	31/03/2018
Andrea 2	YD96099		1	Jayce Murtagh	116C02	31/03/2018
Andrea 1	YD96100		1	Jayce Murtagh	116C02	31/03/2018
WAM 1 - 16	YD12039	- 12054	16	WAM Exploration Inc.	116C02	31/03/2018
WAM 17 - 52	YD12056	- 12091	36	WAM Exploration Inc.	116C02	31/03/2018
BK 269	YD17000		1	Radius Gold Inc.	116C02	31/03/2018
BK 1 - 8	YD17001	- 17008	8	Radius Gold Inc.	116C02	31/03/2018
BK F 10	YD17010		1	Radius Gold Inc.	116C02	31/03/2018
BK 11 - 20	YD17011	- 17020	10	Radius Gold Inc.	116C02	31/03/2018
BK 22 - 39	YD17022	- 17039	18	Radius Gold Inc.	116C02	31/03/2018
BK 41 - 50	YD17041	- 17050	10	Radius Gold Inc.	116C02	31/03/2018
BK 74 - 84	YD17074	- 17084	11	Radius Gold Inc.	116C02	31/03/2018
BK 87 - 112	YD17087	- 17112	26	Radius Gold Inc.	116C02	31/03/2018
BK 114 - 117	YD17114	- 17117	4	Radius Gold Inc.	116C02	31/03/2018
BK 119 - 129	YD17119	- 17129	11	Radius Gold Inc.	116C02	31/03/2018
BK 131 - 135	YD17131	- 17135	5	Radius Gold Inc.	116C02	31/03/2018
BK 138	YD17138		1	Radius Gold Inc.	116C02	31/03/2018
BK F 149	YD17149		1	Radius Gold Inc.	116C02	31/03/2018
BK 150 - 156	YD17150	- 17156	7	Radius Gold Inc.	116C02	31/03/2018

Table 1
continued

BK F 157	YD17157		1	Radius Gold Inc.	116C02	31/03/2018
BK 158 - 173	YD17158	17173	16	Radius Gold Inc.	116C02/115N15	31/03/2018
BK F 174 - 181	YD17174	17181	8	Radius Gold Inc.	116C02	31/03/2018

BK 182 - 190	YD17182 - 17190	9	Radius Gold Inc.	115N15	31/03/2018
Ali 1 - 64	YD20137 - 20200	64	Radius Gold Inc.	116C02/115N15	31/03/2018
Ali 65 - 76	YD20233 - 20244	12	Radius Gold Inc.	116C02	31/03/2018
Andrea 5 - 24	YD44201 - 44220	20	Jayce Murtagh	116C02	31/03/2018
CHOL 1 - 24	YD50609 - 50632	24	Radius Gold Inc.	116C02	31/03/2018
Mill 1 - 2	YD50633 - 50634	2	Radius Gold Inc.	116C02	31/03/2018
Cache 15 - 66	YD50649 - 50700	52	Radius Gold Inc.	116C02	31/03/2018
Gabr 1 - 13	YD52401 - 52413	13	Radius Gold Inc.	116C02	31/03/2018
Gabr 16 - 39	YD52416 - 52439	24	Radius Gold Inc.	116C02	31/03/2018
Stella 1 - 18	YD52440 - 52457	18	Radius Gold Inc.	116C02	31/03/2018
Bo 1 - 10	YD52458 - 52467	10	Radius Gold Inc.	116C02	31/03/2018
Bo 29 - 34	YD52468 - 52473	6	Radius Gold Inc.	116C02	31/03/2018
Bo 24 - 27	YD52474 - 52477	4	Radius Gold Inc.	116C02	31/03/2018
Bo 11 - 23	YD52478 - 52490	13	Radius Gold Inc.	116C02	31/03/2018
Bo 35 - 44	YD52491 - 52500	10	Radius Gold Inc.	116C02	31/03/2018
Bo 45 - 46	YD90201 - 90202	2	Radius Gold Inc.	116C02	31/03/2018
Bo 28	YD90203	1	Radius Gold Inc.	116C02	31/03/2018
BK 260	YD95141	1	Radius Gold Inc.	116C02	31/03/2018
BK 261 - 268	YD95143 - 95150	8	Radius Gold Inc.	116C02	31/03/2018
		total	657		

* subject to acceptance of this report

** not renewed in April 11, 2011 assessment filing

Some of the claim locations shown on Figure 2 were drawn following the results of a preliminary and partial claim survey carried out by handheld GPS receivers (Garmin GPSmap 60CSx, approximate +/-5m accuracy). Notably some of the claim locations do not match the locations on the current maps provided by the Dawson mining recorder.

2.0 REGIONAL GEOLOGY AND METALLOGENY

The first geological investigation of the Sixty Mile River area was by J. E. Spurr in 1896-97 (Spurr and Goodrich, 1898), followed by Cockfield in 1917 (Cockfield, 1921). More recently the area was mapped at 1:250,000 scale by Tempelman-Kluit in 1970-1972 (Tempelman-Kluit, 1973), Green in 1961 (Green, 1972) and Mortenson (1988, 1996).

The property lies between the Tintina and Denali Faults within the Ominica Belt (Wheeler and McFeely, 1991, Gordy and Makepeace, 2001). The area is underlain by two distinct lithotectonic (pre-accretion) assemblages: 1) medium to high grade, polydeformed metasedimentary and meta-igneous rocks of the Yukon-Tanana Terrane (YTNA and YTKS); and 2), deformed and metamorphosed rocks of the Slide Mountain Terrane (YT_a) (Mortenson, 1988, 1996) (Figure 3). Both are mainly Paleozoic in age and were juxtaposed by regional scale thrust faults in early Mesozoic time, a period of terrane accretion that affected much of the northern Cordillera.

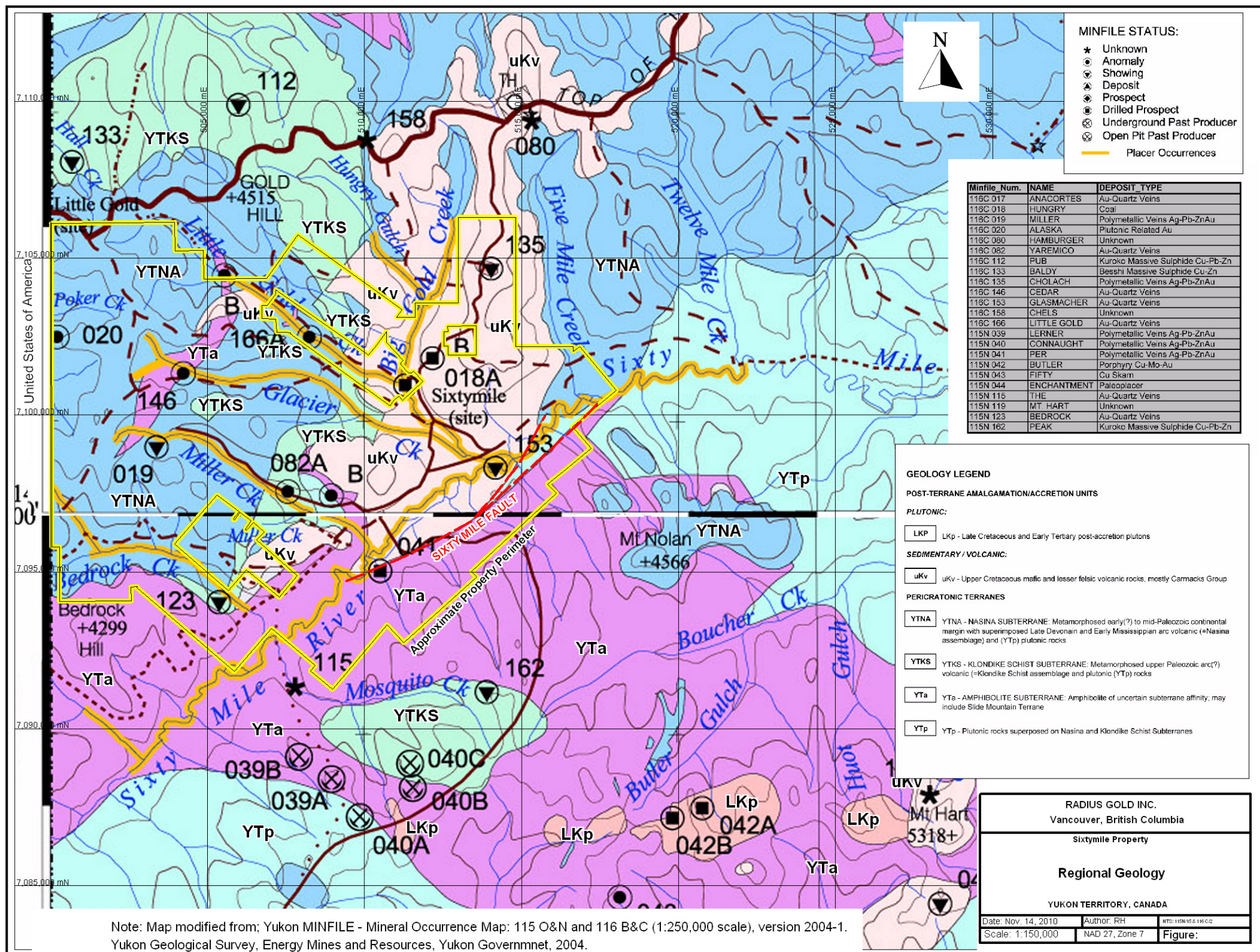
Locally, the Yukon Tanana Terrane consists of two main assemblages of supracrustal rocks, the Late Devonian (?) to mid-Mississippian Nasina assemblage (YTNA) and the mid-Permian Klondike Schist assemblage (YTKS) (Mortenson, 1996) and three distinct suites of metaplutonic rocks (YT_p). The Nasina consists of metamorphosed psammites, mainly quartz-muscovite-chlorite schist and quartzite, +/- carbonaceous material, interlayered mafic schist and amphibolite and volumetrically minor amounts of marble, conglomerate and felsic schist. The Klondike Schist assemblage is comprised mainly of a variety of felsic schists interlayered with non-carbonaceous fine grained micaceous quartzite and quartz-feldspar-muscovite-biotite (+/- chlorite) schist. Local layers of chlorite schist, metagabbro, and rare bands of marble and carbonaceous quartz-muscovite schist are found within the felsic schists.

The Klondike placer camp, with approximately 20,000,000 million ounces of placer gold produced (Government of Yukon, 2007), is underlain predominantly by units of the Klondike Schist assemblage.

According to Mortenson (1996) three distinct suites of metaplutonic rocks (unit YT_p) found within the Yukon Tanana Terrane are:

- 1) Devonian – Mississippian feldspar and quartz-feldspar augen schist interpreted to be meta-porphyry sills and/or transposed dykes
- 2) Early Mississippian granitic orthogneiss, e.g. the Fiftymile batholith located in the Sixty Mile River area.
- 3) mid-Permian quartz monzonite gneiss and quartz (+/-feldspar) augen schist (Sulphur Creek orthogneiss).

Rocks of the Paleozoic Slide Mountain Terrane (YT_a) include massive greenstone and



a variety of altered ultramafic rocks. The ultramafic rocks commonly denote thrust (and normal?) fault locations, are partially to wholly serpentized and locally exhibit quartz-carbonate alteration. The mined out Clinton Creek asbestos deposit, located approximately 40 km to the north of the project area, is hosted by units of Slide Mountain Terrane.

Jurassic quartz monzonite bodies intrude the Yukon Tanana Terrane and Mortenson (1996) noted that field relationships indicate that they intruded prior to both Early (?) Jurassic regional thrust imbrication and Early Cretaceous normal faulting.

Post accretion units unconformably overly rocks of the Tanana Terrane and Slide Mountain Terrane. These units consist of a sequence of unmetamorphosed sedimentary and volcanic rocks of middle (?) and Late Cretaceous age (unit uKv) (Mortenson, 1996). The lower part of the unit typically consists of sandstone and pebble to cobble conglomerate that is overlain by massive andesitic flows and breccias that are correlated with the (68-76Ma) Carmacks Group.

Rare outcrops exposed in the Sixty Mile River valley and granitoid bodies exposed to the southeast of the valley of fine to medium grained, equigranular biotite-hornblende quartz monzonite and granodiorite are thought to be co-magmatic with the Late Cretaceous Carmacks group volcanics.

Volumetrically minor amounts of Miocene aged quartz pebble conglomerate, sandstone, shale minor tuffs and olivine basalt are preserved in the Sixty Mile valley.

Units of the Nasina and Klondike Schist assemblage and the three associated orthogneiss units show the effects of penetrative ductile deformation and metamorphism at middle greenschist to lower amphibolite facies (Mortenson, 1996). Rocks of the Slide Mountain Terrane generally only display evidence of brittle shearing and open folding. Units of the Slide Mountain and Yukon Tanana terranes are juxtaposed along mainly shallowly to moderately dipping fault zones that are interpreted as thrust faults. Low angle normal faults are also interpreted between the Fiftymile Batholith and overlying rocks.

Middle and Late Cretaceous sedimentary and volcanic rocks are generally undeformed although they have been at least locally folded (Mortenson, 1996). The Tintina and Denali faults found to the northeast and southwest of the property, respectively, trend northwest and are major crustal-scale transcurrent dextral faults of Tertiary (?) age.

The Sixty Mile Fault, a major northeast trending fault structure lying on a lineament that extends towards Tok, Alaska, underlies the east side of the Sixty Mile River valley. In the Sixty Mile placer district, the valley follows a half graben structure that down drops Cretaceous Carmacks Group rocks, on the northwest side, against Nasina and Klondike Schist Assemblage rock to the southeast. Other northwest, north to northeast trending fault structures are suspected to underlie prominent lineaments and locally form the contacts of the Carmacks Group volcanic rocks.

Regional Metallogeny

A recent report titled 'Yukon Gold Project, Final Technical Report' by the Mineral Deposit Research Unit of the University of British Columbia dated May 2012 has placed the Sixty Mile district and mineralization in a regional context (Allan *et al.*, 2012, Allan and Mortenson, 2012).

Significantly the Middle to Late Jurassic orogenic event (170 – 150 Ma) is attributed to be source of the bulk of the placer gold at Sixty Mile and at Fortymile, Klondike and White Gold district (Allan *et al.*, 2012). This mineralizing event is not associated with any known magmatism but coincides with regional exhumation and crustal cooling. Gold most typically occurs in brittle-ductile to brittle structures that include quartz – sulphide veins, shears, stylolites and breccias in a variety of rock types. Mineralization is best developed in rocks with higher competence such as quartzites. The Thrust Fault Zone, on which the KEX and Layfield Grids lie, extends NE – SW over a distance of about 8 km, is up to one kilometer wide and is thought to be subparallel to layered shist units dipping moderately to the SE.

Regionally, the Late Cretaceous (67 - 71 Ma) age calc-alkaline Carmacks Group volcanics are a widespread igneous event with spatially- and temporally-related mineralization found throughout the west central Yukon (Smuk, 1999; Allan and Mortensen, 2012). Mineralization and mineral deposits associated with this event include the Prospector Mountain and Mt. Cockfield copper porphyry deposit prospects in the Dawson Range. A number of porphyry type Cu – Mo (Swede, Pluto and Sixtymile) and vein type Ag +/- Au-Pb-Zn-Cu occurrences (Pika, Connaught) are found along the Sixtymile – Pika Fault as defined by Allan and Mortenson (2012). This NE trending fault system or corridor is believed to be up to 140 km long with about 17 km of sinistral offset.

In the Sixtymile district the polymetallic vein occurrences, granitoid bodies, and the main placer gold creeks (Bedrock, Miller, Glacier and Sixty Mile River between the mouth of Little Gold and Miller Creek) are encompassed by or on the margins of the gravity low anomaly (Hulstein and Zuran, 1999). This gravity low may represent an unexposed granitoid batholith. Small granitoid bodies south of Mosquito and Boucher Creeks, within the uplifted fault block, may be exposed apophyses of the larger buried granitoid body.

In the late 1990's Madrona Mining Limited acquired ground in the Sixty Mile area at the head of Glacier Creek for potential volcanic massive sulphide deposits similar to those found in the Yukon Tanana Terrane in the Finlayson Lake area (Marchand, 1997). To date only minor showings of sphalerite and galena (Yukon MINFILE 116C 112 & 116C 133) have been found in the Sixty Mile area.

Placer gold, with an estimated production of 435,109 crude ounces, has been mined extensively in the Sixty Mile River valley, Miller, Glacier, Poker (USA side), Little Gold

and Bedrock Creeks in the vicinity of the Toni 9-32 claims (LeBarge, 2006). The source of most of this gold is unknown but according to Mortenson et al. (2006) is likely derived from metamorphogenic, 'orogenic gold' rather than epithermal veins. A bedrock source for metamorphogenic visible gold has been identified by diamond drilling at the KEX zone on the Rod claims, part of the Thrust Fault Zone.

Bedrock epithermal veins, such as the Per and Glasmacher occurrences, in the Sixty Mile valley have also been identified. Although they themselves may not be a significant source of placer gold they hint at possible undiscovered gold bearing resources. The epithermal quartz, carbonate and pyrite veining is hosted by propylitic to argillic altered andesites, analogous to that of weak or distal porphyry style alteration and mineralization.

2.1 Surficial Geology

The Sixty Mile placer district lies within the Klondike Plateau (Duk-Rodkin, 1996). Dendritic 'V' shaped valleys dissect the plateau reflecting its largely unglaciated state. An exception is the Sixty Mile River valley which has been glaciated as shown by the presence of small lateral moraines.

The surficial geology is best summarized by Hughes, et al. (1986) as follows.

Quaternary deposits of the Sixty Mile river drainage basin include valley bottom alluvial plains and terraces, gulch alluvium, colluvial veneers and blankets, and scattered debris flows. The youngest Quaternary deposits include active colluvium, valley bottom gulch alluvium and the broad alluvial plain in the Sixty Mile River valley. Older alluvial deposits include the higher terrace levels in the upper reaches of Miller and Glacier Creeks, the second terrace in the lower reaches of Miller Creek, and the broad terrace found on the north side of the Sixty Mile River valley, both upstream and downstream from Miller Creek.

Colluvium veneer, the most common cover on the hillsides, averages 1-2 m thick while colluvium blanket material averages >3m thick. Colluvium conforms to bedrock topography and is composed of diamicton, rubble, and organic-rich silt and sand derived from bedrock sources by a variety of slope processes.

Valleys are filled with alluvium and locally form terraces up to 20 m thick. The alluvium plain in the Sixty Mile Valley averages only <5m – 8m thick and forms a uniform sheet across the valley. Most of the claims in the Sixty Mile River valley are underlain by the above alluvium that has mostly been processed by placer miners. A surficial geology map of the property by Farrell Andersen is included in the assessment report by Hulstein and Zuran (1999)

3.0 PROPERTY GEOLOGY

The Sixty Mile property is largely underlain by foliated metasedimentary rocks of the Late (?) Devonian to Early Mississippian Nasina Schist Assemblage (DMN), metasedimentary rocks of the Middle to Late Permian Klondike Schist Assemblage (CPK), units of the amphibolite subterrane (PPA) that may include ultramafic rocks of the Slide Mountain Terrane and early Jurassic plutonic rocks (eJg) superimposed on Nasina and Klondike Schist Subterrane. Nonfoliated Cretaceous Carmacks Group volcanic rocks (uKva) and intrusions and conglomerates (uKvc), and minor units of younger clastic sedimentary, mafic flows and tuffaceous (?) rocks of Paleocene to Eocene age (Figures 4) cut or overlie the foliated units.

Spatially most of the Nasina and Klondike Assemblage lie on the western side of the property and the Carmacks Group rocks on the eastern side of the property.

Dr. Fabrizio Colombo geologically mapped portions of the property in 2010 (included as Appendix B in Hulstein and Clark, 2011). Personnel including Dr. Murray Alan, Dr. Jim Mortensen and Dr. Rob Chapman with the Mineral Deposit Research Unit (MDRU) of the University of British Columbia also visited the property during the 2010 and 2011 field seasons. A memo by Dr. Murray Allan on controls on orogenic veining noted during an examination of drill holes DDH10-01 and DDH10-02 is included as Appendix B.

Nasina Subterrane rocks, is composed predominantly of a quartz-white mica (+/- graphite +/- chlorite) schist. More quartzite rich units commonly have micaceous partings. The schists have quartz rich bands, boudinaged quartz lenses and are cut by low to high angle quartz veins. Graphite occurs frequently and was observed either along the foliation or along veinlets or veins cutting through the metamorphic foliation.

The possible Amphibolite Subterrane unit (PPa) consists of a white mica (+/- amphibolites +/- chlorite) quartz schist. The white mica – quartz schist, in particular the increase in white mica, differentiates the unit along with the presence of chlorite schist, amphibole rich bands and listwanite units from the Nasina and Klondike Schists.

The Klondike Schist Subterrane rocks (CPK), described as a “Tectonic melange” by Dr. F. Colombo, underlie the Thrust Fault Zone and the southeast section of Miller Creek.

The main lithology is a white quartz schist with lesser amphibole-bearing chlorite schist, small outcrops of quartzofeldspathic gneiss, leucogneiss, minor serpentinized ultramafic rocks and listwanite, one outcrop of marble near the Layfield Trenches and white mica-carbonate-quartz schist. The white mica-carbonate-quartz schist is believed to be the result of metasomatic transformation of an ultramafic protolith. The Thrust Fault Zone is interpreted to be a tectonic sliver of different lithologies juxtaposed by thrusting. A thrust fault was observed in the 2010 trenches (Radius 2010 Trenches 1, 2 and 3) on the Kennecott Grid and at the entrance of the collapsed adit in Miller Creek.

Outcropping and variably altered granitoid (eJg) rocks are found at Glacier Creek about 2 km west-northwest of the 2010 Radius camp and in Miller Creek about 1.5 km northwest of the collapsed adit. Due to intense weathering the rock is now reduced to a yellowish crumbly aggregate with relict fragments of granitoids with minor biotite and relict granitic texture defined by quartz and weathered feldspar.

Various units of the Carmacks Group, composed predominantly of andesitic volcanic (uKva), underlie the Sixty Mile River valley and the northeast side of the property. Two intrusions of porphyritic andesite of presumably belonging to the Carmacks group are found in the northwest side of the property.

The base of the Carmacks Group volcanic is marked by a conglomerate (uKvc) made up of well-rounded cobbles and pebbles of quartz and quartzite. It is generally clast-supported and has a silicified and locally (fault gouge?) clay rich and quartz cement. The type section for this unit on the property is close to the road leading to the Kennecott Grid, south of Miller Creek.

Carmacks Group andesites (uKva) is composed of a variety of andesitic rock types ranging from fine grained, slightly porphyritic andesite, to flow banded andesite, to andesite breccia with subangular fragments of clay altered andesite and a groundmass of fine grained equigranular andesite. Fragments in the breccia range from millimetre to pluri-decimeter. Mapping by Dr. F. Colombo in the Layfield trench area places the andesite non-conformably over both the Carmacks Group conglomerate and the metamorphic basement. The absence of outcrops showing the andesite – Thrust Fault Zone contact means that the presence of local faulting at the contact cannot be ruled out. The andesite may contain euhedral to subhedral pyrite although unaltered andesite is commonly very magnetic. Most pyrite appears to be replacing primary magnetite.

3.1 Structure

The prominent structural element in the area is the Sixty Mile Fault, or lineament (now called the Sixtymile – Pika Fault by Allan and Mortenson, 2012), in the Sixty Mile River valley (Figure 3). Structures parallel to the Sixty Mile Fault found to the northwest of the Sixty Mile Fault are interpreted to be a series of normal faults. These normal faults in turn are believed to have been displaced by Tintina-related (?) northwest trending faults and associated Riedel (?) faults (Hulstein and Zuran, 1999). They describe a disjointed 'Miller Structural Corridor' that may be a more prominent Tintina-related structure cutting through relatively more brittle siliceous metasedimentary rocks.

The NE trending faults that comprise the Sixty Mile lineament are believed to be related to stress transfer between the NW striking Denali and Tintina transcurrent fault systems (Lowe and Cassidy, 1995). The extensional tectonics that formed the graben, allowing the preservation of the Carmacks Group in the Sixty Mile valley, is likely due to right-handed step-overs across dextral strike-slip fault systems (Lowe and Cassidy, 1995). Allan and Mortenson (2012) described the Sixty Mile graben as a pull apart basin in a transpressive structural regime. Carmacks Group rocks are not foliated and are only deformed by late stage brittle faulting and fracturing.

Mapping of the metamorphic rocks and structural measurements of the foliation by Colombo ((included as Appendix B *in* Hulstein and Clark, 2011) points towards a cylindrical style of folding on most of the property. The foliation in the 2010 trenches at the Kennecott Trench Zone may be interpreted as a tight style of folding such as chevron folding. Petrographic observations defined an older deformation event that was not observed in the field. The first deformation event (D1) is recorded is the quartz-white mica-graphite schist as fold hinges of biotite+white mica now wrapped by the foliation (D2) defined by quartz and white mica, later cross cut by S/C planes (D3). The crenulation observed and measured in the field was generated by this folding event. The S/C planes are probably coeval with the thrusts observed in the field and if so must have occurred during the greenschist facies metamorphic event. The collapse of the structure likely generated the normal faulting (D4) with a well-defined brittle style of deformation.

The Jurassic D4 event appears to be key in controlling mineralization in the Thrust Zone (including KEX and Layfield zones) at Sixty Mile and in the Klondike and White Gold area. The D4 deformation is mainly contractional in nature and occurred at or near the brittle – ductile transition. Gold –bearing late or post D4 orogenic quartz veins are found along both D4 axial surfaces and in some cases related conjugate vein sets (Allan et al., 2012). At Sixty Mile the gold mineralization is preferentially hosted by D4 type structures in the more competent lithologies such as quartzites, augen felsic schists and more quartz rich micaceous schists.

In addition to the above, Colombo (Appendix B *in* Hulstein and Clark, 2011) found that faults on the property cutting the older metamorphic rocks are grouped around two

main systems, both subvertical: NNE and NW trending. Both are, according to his field observations, late normal faults crosscutting the metamorphic folds and foliation. Low angle thrust faults were identified, in trenches 10-1 to 10-3, trend NE and dip shallowly to the southeast. The joint measurements possibly reflect the conjugate fracturing consequent to the faulting. Quartz veins tend to be sub parallel either to the foliation or to the NNE sub vertical faults.

3.2 Alteration

Generally alteration includes: greenschist to amphibolites facies, hydrothermal and thermal metamorphism. Greenschist to amphibolite metamorphism occurred prior to the Cretaceous and is restricted to the Nasina and Klondike Assemblages. Alteration is characterized by the presence of fine grained muscovite, chlorite and quartz. Dr. F. Colombo (Appendix B *in* Hulstein and Clark, 2011) believes the various metamorphic rocks underwent amphibolite facies metamorphism and then greenschist facies retrograde metamorphism.

Alteration associated with hydrothermal activity is assumed to have taken place during Jurassic (?) and Cretaceous intrusive events. Hydrothermal alteration of the metamorphic rocks is primarily of silicification, bleaching and development of sericite – white mica. This alteration is most evident in the more siliceous, massive rocks, which underwent brittle fracturing. Ultramafic rocks, commonly lenses or thin layers, are bleached and altered to a listwanite assemblage with Ca-Mg-Fe carbonate minerals (calcite, ankerite, dolomite) +/- silica and the green chromium mica, fuchsite.

Alteration of the andesite volcanic in the Sixty Mile Valley ranges from weak to strong propylitic alteration (magnetite destruction, pyritization and interstitial calcite) to argillic (bleached, +/- pyrite, clay minerals). Propylitic alteration often includes development of significant Ca-Mg-Fe carbonate minerals (calcite, ankerite, dolomite), up to 5% coarse grained pyrite, increased chlorite and local epidote.

Thermal metamorphism and associated alteration is restricted to the calc-silicate rocks found south of the hypabyssal intrusion in the northwest part of the property. These rocks also contain variable but generally minor amounts of actinolite, calcite and magnetite.

3.3 Mineralization

There are two main mineralizing events in the Sixty Mile area, the Jurassic (145 – 160 Ma) orogenic event and a Late Cretaceous (68-70 Ma) event, according to Allen et al., 2012 and Allan and Mortenson (2012). Mineralization ranges from Jurassic orogenic veins to younger Late Cretaceous high level low sulphidation epithermal veins and breccias and porphyry style mineralization.

Historically and at present placer gold mining has been the most important mining activity in the Sixty Mile district. Placer gold production likely exceeds the recorded figure of 435,109 ounces won from the creeks during the period 1892-2005 (LeBarge, 2006). The bulk of the placer gold was mined from Miller, Glacier, Bedrock, Little Gold, Big Gold Creeks and the Sixty Mile River.

Veins in Metamorphic Rocks

Several styles of veining have been observed in the metamorphic rocks including typical orogenic quartz+/-carbonate (minor carbonate) veins containing minor amounts of pyrite, +/-arsenopyrite, +/-galena, +/-sphalerite, +/-scheelite and rarely trace amounts of visible gold. Also cutting the metamorphic rocks are typical epithermal low sulphidation style veins with cockscomb textures and angular breccias. Of less interest are early stage foliaform cloudy to milky quartz veins, often boudinaged and as rootless fold hinges. The most significant orogenic veining found to date has been at the Kennecott Grid and Layfield Grid areas within the Thrust Fault Zone.

As noted above in under '3.1 Structure' the gold bearing quartz veins appear to follow D4 structures defined by high sulphide content, discordant to foliation, within zones of silicification and sericitization and hosted by 'brittle' felsic schist. For more information the reader is referred to a memo by Dr. Murray Allan titled, 'Controls on orogenic gold veining in the Sixtymile' (in Appendix B).

The epithermal veining is assumed to be related to the Carmacks magmatic – hydrothermal event. Although epithermal quartz-chalcedony veining has been observed in the same zones its importance is minimal. Epithermal veining has also been observed at the head of Glacier Creek, including fluorite veining (Hulstein and Zuran, 1999), and quartz +/-barite veining in upper Glacier Creek and lower Miller Creek. Placer miners have recovered cinnabar vein float from Wy Gulch near the mouth of Miller Creek but to date the source has not been located.

4.0 GEOCHEMISTRY

A total of 974 drill core samples were collected in 2011 from diamond drill holes DDH11-15, 18, 19 and 20 (not including checks and blanks). All the above samples were delivered to Acme Analytical Laboratories Ltd. in Whitehorse and following sample preparation samples were forwarded to Acme Analytical Laboratories (Vancouver) Ltd. for geochemical analysis. Samples were pulverized, a 30 gram sub sample fire assayed and a gold determination made by ICP-ES. An additional 0.5 gram subsample underwent aqua regia digestion followed by ICP-ES analysis. The analytical certificates are presented in Appendix D and drill sample descriptions and analytical results in Appendix C. Analytical results are discussed under “7.0 EXPLORATION RESULTS”.

Drill core samples consisted of half core (NTW size, 5.6 cm), sawn by a thin kerf diamond saw. Blank material consisting of crushed granite, bought from Acme Analytical, was inserted every 30 samples. Sample standards, procured from CDN Resource laboratories Ltd. were inserted every 30 samples. Approximately every 30 samples the core was quarter sawn and a duplicate sample was submitted to Acme Analytical.

5.0 2011 DIAMOND DRILL PROGRAM

Kluane Drilling Ltd., of Whitehorse, Yukon, was contracted to diamond drill a minimum of 5000 m NTW (5.6 cm diameter) size diamond drill core. Including mobilization and demobilization, drilling took place from June 4th – September 21, 2011. A KDHT 600 machine was utilized. All drill moves were by helicopter usually a Bell 206 operated by Fireweed Helicopters based on site. The core from the 2010 and 2011 drill programs and remnant core from the 1988 and 1989 drilling, is stored on the property at the Glacier Creek camp site.

Table 2. 2011 Diamond Drill Hole data, Thrust Fault Zone

Hole Number	North (NAD 83)	East (NAD 83)	Elevation (m)	Azimuth (deg.)	Dip (deg.)	Length (m)	Date Started	Date Completed
DDH11-15	7097076	506727	1009	110	-57	289.56	August 24, 2011	Sept. 1, 2011
DDH11-18	7097260	506465	1027	110	-62	314.55	Sept. 2, 2011	Sept. 7, 2011
DDH11-19	7097803	505663	900	126	-55	312.12	Sept. 8, 2011	Sept. 14, 2011
DDH11-20	7099234	507494	1071	116	-60	309.37	Sept. 18, 2011	Sept. 21, 2011
						1225.6 (m)		

During 2011, Radius completed 20 holes (5,273 metres) of which sixteen holes tested the Graben Fault Zone in the Sixty Mile River Valley and four tested the Thrust Fault Zone. As the Graben Fault Zone target is outside the scope of this report, drilling on this target will not be discussed further, details on these drill holes can be obtained in from the DVD disk in Appendix F. Of the drill holes that tested the Thrust Fault Zone, results are discussed below under `7.0 Exploration Results`.

6.0 GEOPHYSICS

In 2011 Aurora Geosciences Ltd. was contracted to carry out induced polarization – resistivity (IP), horizontal loop electromagnetic (HLEM) and extremely low frequency electromagnetic (ELF-EM) surveys on the Sixty Mile property. The ELF-EM survey was restricted to the Sixty Mile valley, outside the area covered by this report. Further details on the ELF-EM survey can be obtained from the report by Dr. Dave Hildis in Appendix A.

On the Thrust Fault Zone a total of 19.55 km of grid was cut and surveyed by IP and HLEM; 6.5 km on the Kennecott Trench grid, 4.8 km on the Miller Creek grid and 8.25 km on the Layfield grid.

The Kennecott grid was surveyed using an I-9 Apex max-Min using frequencies 220, 1760, 3520, 7040, 14080 Hz and a 20 channel 25 m modified pole – dipole array that moved from north to south. A gradient IP survey was conducted on 5 km of the grid. During the drilling program 2D inversions were run on the data and the results were used to help target drill hole DDH11-19. A 3D inversion was performed following the drilling and results of both the 2D and 3D inversion are included in Appendix A for all grids.

A total of 4.8 km of grid line was cut on the Miller Creek grid and surveyed by HLEM and IP using an expanded pole – dipole survey with 50 m dipoles. On the Layfield grid a total of 8.25 km grid line was cut and HLEM and IP surveyed using an expanding pole – dipole survey with 50 m dipoles.

Zonge International, Inc. was contracted to conduct a Controlled Source Audio – frequency Magnetotellurics (CSAMT) geophysical investigation. The CSAMT grid was centered over the Sixty Mile valley and the Sixty Mile – Pika Fault. The target of the survey was epithermal silica zones that would appear as resistive CSAMT targets that could be drill tested. As the CSAMT grid survey area is outside the area covered by this report it will not be discussed further and details on the survey can be obtained from the report by Zonge International, Inc. included on the DVD disk in Appendix F.

In 2010 Precision GeoSurveys Inc. of Vancouver, BC was contracted to fly a helicopter magnetic and radiometric survey over the property. A total of 1902 line km were flown over the entire property, 2010. Lines were flown north – south, spaced 200 m, with selected areas having y between July 12 and 2 lines spaced 100 m. Tielines were flown north-south at a spacing of 1000m. The Thrust Fault Zone, Sixty Mile Valley and bounding Sixty Mile Fault were flown at a spacing of 100 m. The Chalach Occurrence area was also flown at 100 m line spacing. Sensor height was approximately 30 m. The full report by Precision on the survey is included as Appendix D in the 2010 assessment report (Hulstein and Clark (2011)).

The 2010 airborne survey covered a slightly larger area than the 1999 survey but in spite of lower sensor elevations (30 m versus 60 m above ground in 1999) the results are similar to those reported by Hulstein and Zuran (1999).

The helicopter borne radiometric survey measured the radiation (total count) emanated by the radioactive elements potassium (K), uranium (U) and thorium (Th). The Thrust Fault Zone (referred to as the `Melange Zone` in earlier reports) can be picked out as a weaker northeast trending band near the headwaters of Miller and Glacier Creeks. The Thrust Fault Zone is most clearly identified on maps of K/Th, where it is clearly and sharply delineated.

7.0 EXPLORATION RESULTS

The Thrust Fault Zone (Kennecott, Miller, Layfield grids) and the Graben Zone (Toni, Glasmacher and Per Occurrences) in the Sixty Mile River valley were the main focus of exploration in 2011. This report will restrict discussion to the Thrust Fault Zone, in particular diamond drilling at the Kennecott and Layfield grids.

Thrust Fault Zone

The northeast trending Thrust Fault Zone, defined as orogenic gold mineralization, likely of Jurassic age, is within a package of northeast trending brittle siliclastic metasediments of the Klondike Schist and Nasina units cut by thrust faults. The Thrust Fault Zone extends from at least Little Gold Creek to Bedrock Creek, a minimum strike length of eight kilometers (Figure 3). It varies in width from 250 m in the north to over 800 w in the south. It is bounded to the southeast (a nonconformity or fault contact?) by younger Carmacks Group andesite volcanic. The high-resolution airborne radiometric survey defines a subtle but sharply bounded K/Th radiometric anomaly coincident with the structural zone. The Thrust Fault Zone is likely one of the sources for the extensive placer gold deposits that has been mined from the creeks that cut this unit. The host units are extensive, and there are multiple beds of quartzite and felsic schists hosting cross cutting, gold bearing veins.

Soil sampling by hand-held and mechanized auger has shown where sampling was possible, that the unit is locally strongly anomalous in gold and arsenic. In 2010 the Thrust Fault Zone was tested by at various locations (Kennecott, Miller, Layfield, and High Road) by diamond drilling, auger and RAB drilling. In 2010 four core holes drill tested the Thrust Fault Zone at the Kennecott Grid and anomalous gold was encountered over down hole widths of up to 79 m. In 2011 drill holes DDH11-15, 18, 19 & 20 tested the Thrust Fault Zone.

2011 Diamond Drill Results

The 2010 the diamond drill holes that tested the Thrust Fault Zone generally cut the foliation at high angles. The orogenic quartz veins, on the other hand, were usually cut at low angles to core axis as they occupied fractures also at low angles to the core axis. To get a better intersection with the mineralized quartz veins in 2011 the decision was made to drill down the dip of the foliation in the more quartzose units or felsic shists, the better mineralized lithologies, to cross the orogenic veins at higher angles.

Drill hole DDH11-15 targeted mineralization down dip of mineralization intersected in the upper portions of 2010 drill holes DDH10-1, 2 and 3 on the Kennecott grid. Sample results from hole 15 are similar to those received in 2010 including a 4.0 meter section (from 234.00 – 238.00 m) that graded 1023 ppb gold. Drill hole DDH11-18 targeted a brittle quartz rich unit intersected in DDH10-3 that returned 160 ppb gold over 79.27 m.

The drilling direction of DDH11-18 was close to right angles to that of DDH10-03 as the purpose of DDH11-18 was to intersect the quartz veins at a high angle compared to the low angles observed in drill core in DDH10-03. Best results from DDH11-18 include 1.5 g/t Au over 24 meters (from 141.78 m – 166.00 m), where visible gold in quartz veins cut an augen felsic schist, within a broader 105.30 m interval that graded 507 ppb (from 88.00 – 193.30 m) (Table 3). This augen felsic schist hosting the intersection in was not intersected in DDH10-02 or 03. Also encouraging was that nine of the samples within the 24 m intersection, with sample widths varying between 0.45 m to 1.08 m graded between 1116 ppb and 18,100 ppb gold.

Table 3. Significant gold bearing diamond drill core intersections.

Zone	Hole ID	From (m)	To (m)	Length (m)	Au (g/t)
Thrust	DDH11-15	193.00	196.50	3.50	1.50
Thrust	DDH11-15	233.17	251.05	17.88	0.44
Thrust	including	234.00	238.00	4.00	1.02
Thrust	DDH11-18	88.00	193.30	105.30	0.51
Thrust	including	141.93	166.00	24.07	1.57
Thrust	DDH11-19	224.50	228.60	4.10	1.84
Thrust	DDH11-20	182.98	185.65	2.67	1.06
Thrust	DDH11-20	201.78	202.75	0.97	1.79
Thrust	DDH11-20	272.00	273.03	1.03	1.40

Drill hole DDH11-19, located approximately 950 m northwest of DDH11-15, 18 and DDH10-1, 2 & 3, targeted resistivity and induced polarization (IP) anomalies. The best result was 1837 ppb over 4.10 m (from 224.50 m – 228.60 m) from a quartz veined quartz rich schist unit.

Drill hole DDH11-20, targeted the thrust fault zone at the Layfield grid, where it crosses a ridge, approximately 2.1 km to the northeast of DDH11-19. Like DDH11-19, hole 20 targeted resistivity and IP anomalies and below the anomalous results obtained from the 2010 RAB program. Results from 6 consecutive RAB drill holes over a distance of approximately 400 m, returned anomalous arsenic values (RAB10-43 to 48) with two holes, RAB10-47 and 48 returning 1795 ppb gold over 1.52 m and 2259 ppb gold over 1.52 m respectively. Best values from DDH11-20 included three narrow (0.97 m to 2.67 m) intervals of >1 g/t Au from a fault zone and sericite altered and silicified schist.

In April 2012, the Company received a report by Dr. Hildis detailing the results of the geophysics (IP and EM) that was carried out over the area of the Thrust Fault Zone that was drill tested by Radius in 2011 (report by Dr. Hildis in Appendix A, this report). He concludes that the best drilling results obtained to date, 1.57 gpt Au over 24.07 m (141.93 m – 166.00 m) in DDH11-18, is found at the margin of a chargeable zone which is offset from a conductive zone. It is thought that this margin represents a contact or thrust plane which acted as a fluid conduit. Dr. Hildis, recommends that this contact be tested with additional drill holes along strike to the southeast. Samples from

drill holes DDH11-19 and DDH11-20 contained significant gold and arsenic values and both holes were also drilled at the margins of chargeability / conductivity highs.

8.0 CONCLUSIONS AND RECOMMENDATIONS

The 2011 program diamond drill tested the Kennecott and Layfield Grid areas, both part of the larger Thrust Fault Zone. The northeast trending Thrust Fault Zone has been defined by geological mapping as a unit of tectonic disruption associated with a thrust fault zone, is visible as a linear ternary K-Th-U radiometric anomaly and links a number of gold and arsenic in soil geochemical anomalies. It is a permissively mineralized zone, hosted by metamorphic rocks that can be traced for a minimum distance of eight kilometers and is between 250 m to 800 m wide. The gold bearing orogenic quartz vein mineralization is found in quartz – sulfide (arsenopyrite, pyrite, galena and or sphalerite) veins that generally cut the foliation at high angles.

In 2011 three small cut line grids (totaling 19.5 km), the Kennecott, Miller and Layfield were established and surveyed by HLEM and IP. Results show that the best gold values were obtained from orogenic quartz veins cutting felsic augen schists (DDH11-18; 1.57 gpt over 24.07 m). This zone coincides with the margin of a chargeable (IP) low offset from a conductive zone. This margin may represent a contact or thrust plane which acted as a fluid conduit. Drill holes DDH11-19 and 20 also targeted similar chargeability / conductivity high margins and both drill holes contained significant gold and arsenic values.

Given the eight kilometer strike length, the 250 m to 800 m width, the minor amount of drilling to date (eight drill holes since 2010), the Thrust Fault Zone is an underexplored target. The intersection in DDH11-18 from the Kennecott grid area, averaging 1.5 g/t Au over 24 meters in an augen felsic schist is very encouraging.

Additional IP surveys adjacent DDH11-18 is required to see if the chargeability / conductivity margins can be traced to the northeast and southwest. Additional diamond drilling is required adjacent to DDH11-18 as well as above and below the intersection to test the continuity of the gold bearing quartz veins hosted by the augen felsic schist unit. Thought should be given to drilling vertical drill holes so both the foliated lithologies and the quartz veins will be cut at high angles.

9.0 STATEMENT OF COSTS

The following costs were incurred between August 24th and September 21, 2011.

Table 3. 2011 Drilling Costs - Sixtymile Property - Thrust Zone

Drilling (Kluane Drilling Ltd.)		
DDH Number	Length (m)	Cost
DDH11-15	289.56	\$48,135.09
DDH11-18	314.55	39,651.55
DDH11-19	312.12	52,104.85
DDH11-20	309.37	39,305.71
	1225.6	\$179,197
Geochemistry (Acme Analytical Laboratories)		
DDH Number	Number of Samples	
	No. Samples	Cost
DDH11-15	233	\$8,302
DDH11-18	274	9,763
DDH11-19	227	8,088
DDH11-20	210	7,482
		\$33,635
Helicopter (Fireweed Helicopters)		
	hrs @ \$1200/hr	Cost
DDH11-15	25	\$30,000
DDH11-18	18.5	22200
DDH11-19	17	20400
DDH11-20	25.8	30960
		\$103,560
Personnel (Aurora Geosciences)		
Cook, Geologist, camp guy, splitter (\$1850/d)		
	Days @\$1850/day	Cost
DDH11-15	8	\$14,800
DDH11-18	6	7200
DDH11-19	7	8400
DDH11-20	7	8400
		<u>\$38,800</u>
TOTAL		\$316,392

Respectfully submitted,

RWH

Roger Hulstein, B.Sc., P.Geo.

May 8, 2012

10.0 STATEMENT OF QUALIFICATIONS

I, Roger W. Hulstein, of:

106 Wilson Drive
Whitehorse, Yukon Territory
Y1A 0C9,

do hereby certify that:

1. I am a mineral exploration geologist with over 25 years of experience working in the Yukon.
2. I am a graduate of Saint Mary's University, Halifax, with a degree in geology (B.Sc., 1981) and have been involved in geology and mineral exploration continuously since 1978.
3. I am a fellow of the Geological Association of Canada (F3572).
4. I am registered as a professional geoscientist (No. 19127) with the Association of Professional Engineers and Geoscientists of the Province of British Columbia.
5. I am the author of this report on the exploration program on the Sixty Mile Property in the Dawson Mining District, Yukon. The report is based on personal examination of the ground on starting in 1987 with the last work carried out on various dates between June 1st and September 1st, 2011 and on referenced sources.
6. the work described in this report was carried out under my supervision.

RWH

Roger Hulstein, B.Sc., FGAC, P.Geo.

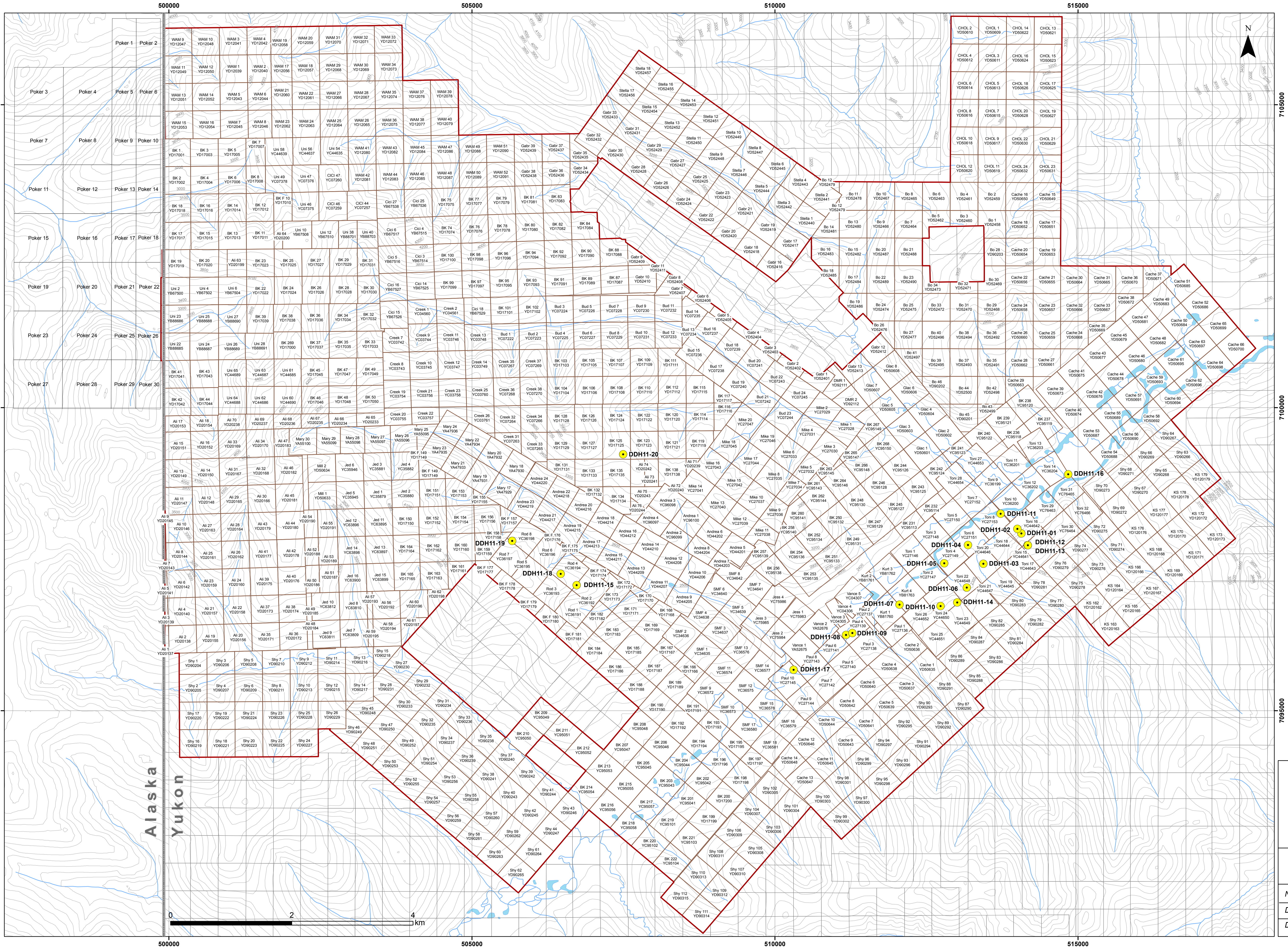
May 8, 2012

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Legend

- 2011 Diamond Drillholes
- Sixty Mile Property Outline
- Sixty Mile Claims
- Poker Creek Claims
- Claims held by Others
- Contours
- Creeks, Rivers

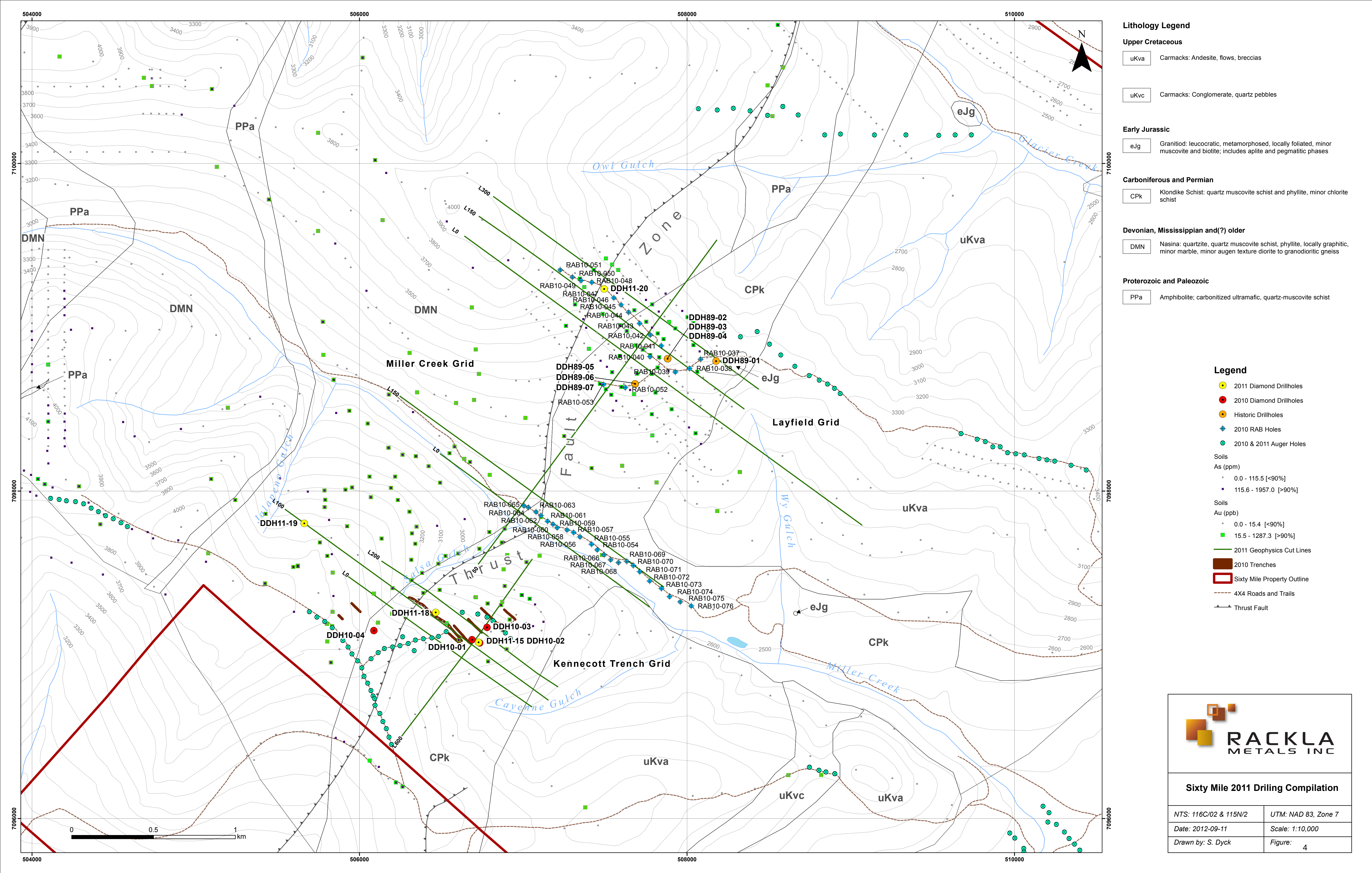
RACKLA METALS INC.

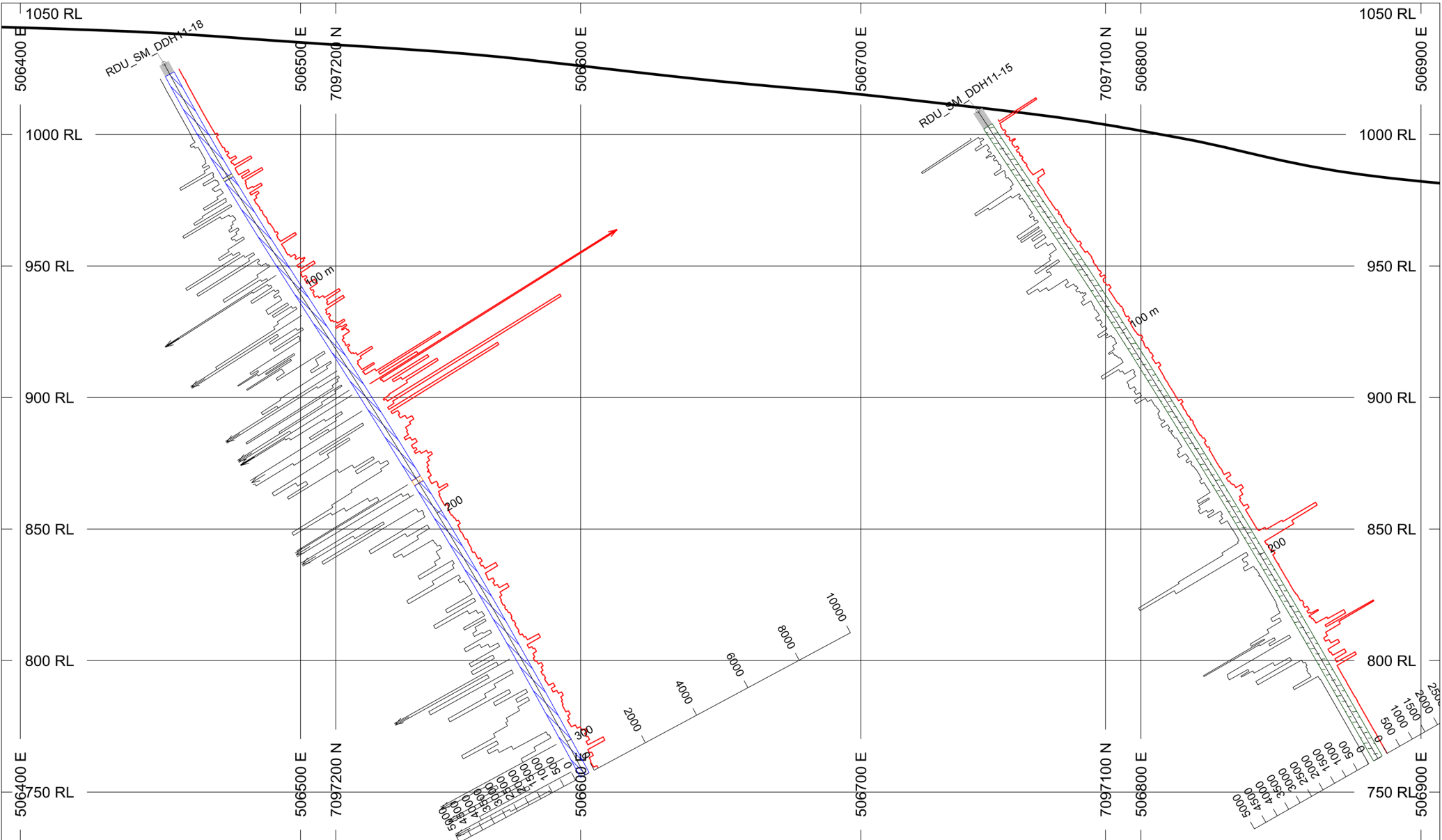
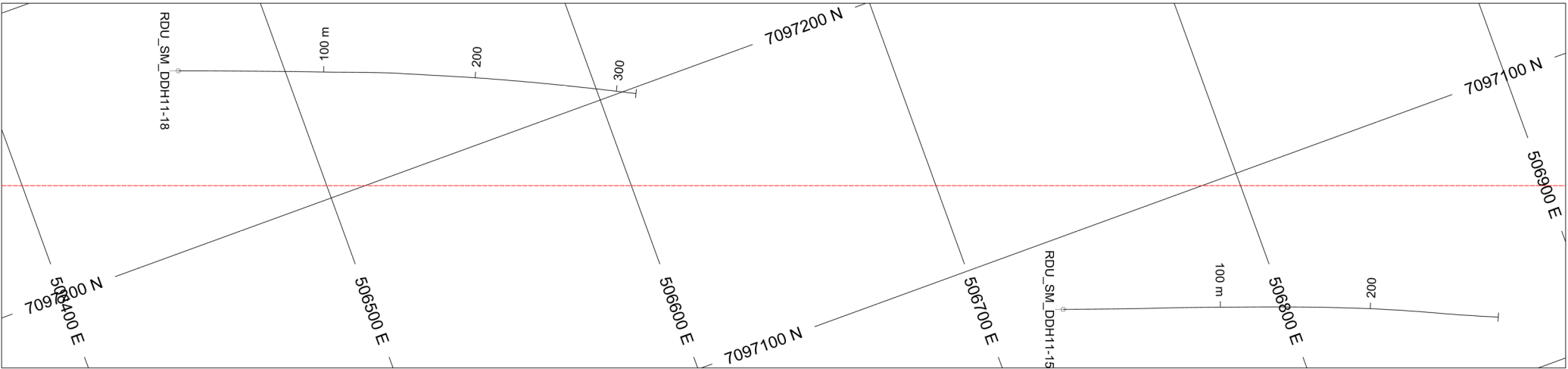
2011 Sixty Mile Claims

NTS: 116C/02 & 115N/02 UTM: NAD 83, Zone 7

Date: 2012-09-11 Scale: 1:30,000

Drawn by: S. Dyck Figure: 2





HOLES PLOTTED

TOTAL 2

RDU_SM_DDH11-15

RDU_SM_DDH11-18

TOPOGRAPHY

sixtymile_10mGRD_metric.GRD

PROFILES

AU_PP_B_LAB	R	Max 10000
AS_PPM_LAB	L	Max 5000

ROCK CODES

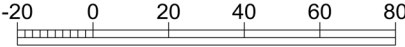
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QZT		QZT	quartzite
FDK		FDK	Felsic dyke
MCS		MCS	Ms-chl schist
OVB		OVB	Overburden
QWMS		QWMS	Qtz white mica schist

SECTION SPECS:

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EXTENTS 546.4 m 318.4 m
SECTION TOP, BOT 1050 m 731.6 m
TOLERANCE +/- 75 m

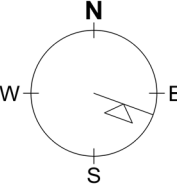
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(m)



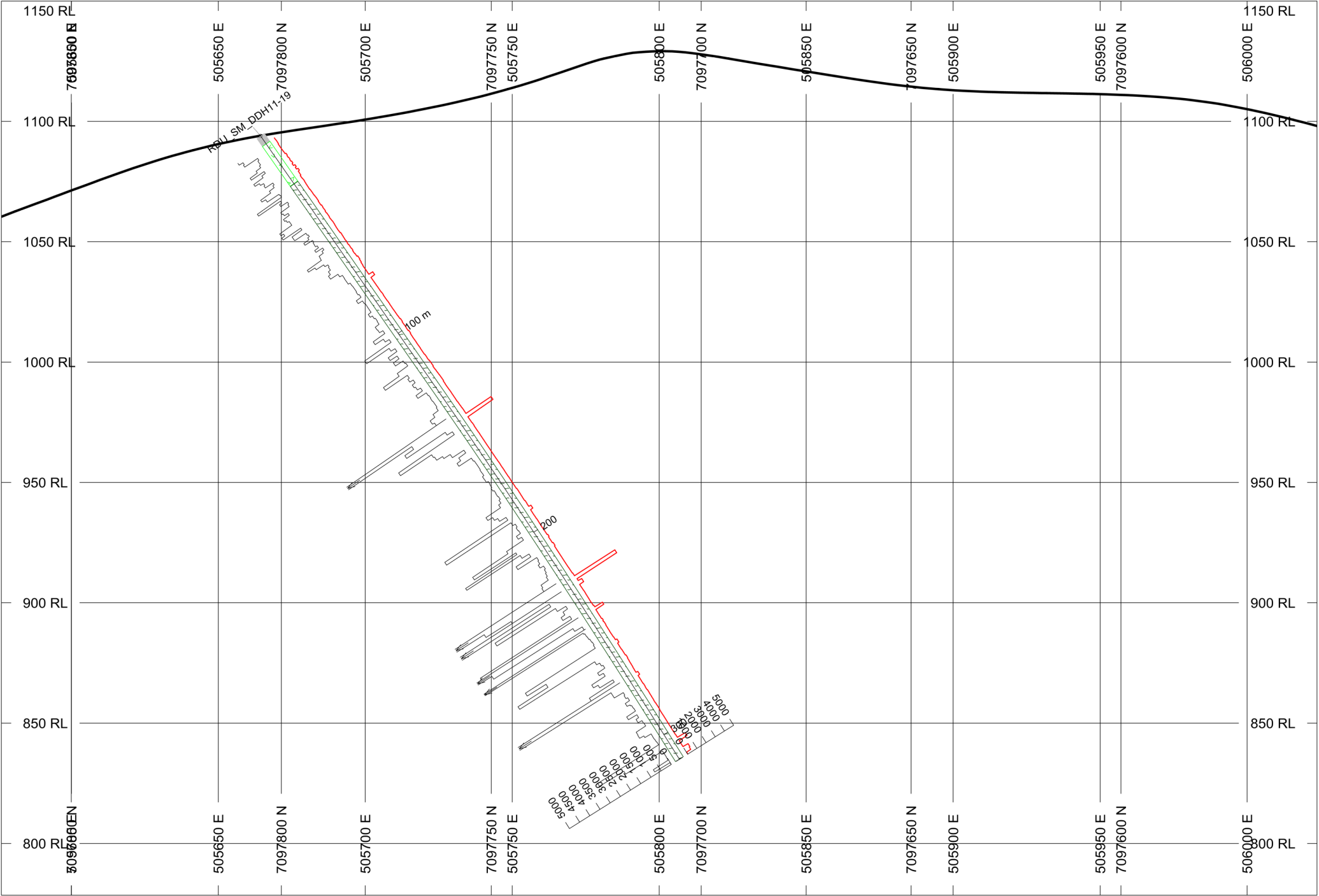
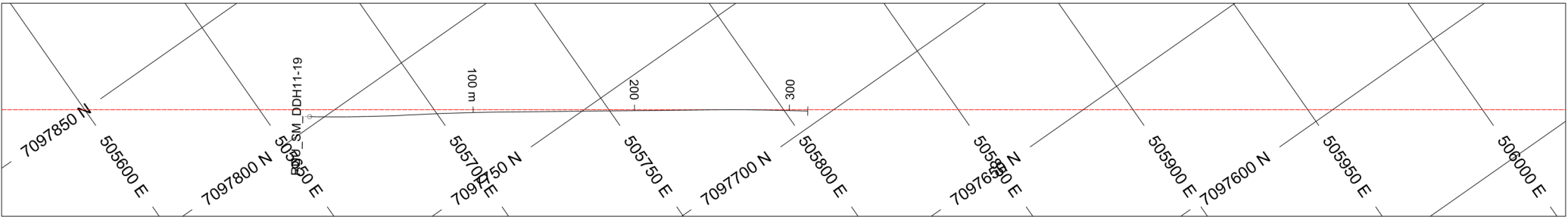
NAD83 / UTM zone 7N

AZIMUTH = 110°



Rackla Metals Inc.
Sixtymile Property
7097150N SECTION

Figure 5



HOLES PLOTTED

TOTAL 1

RDU_SM_DD11-19

TOPOGRAPHY

sixtymile_10mGRD_metric.GRD

PROFILES

L/R	COL	RANGE
R		Max 10000
L		Max 5000

ROCK CODES

ROCK_TYPE_CODE	PAT	LABEL	DESCRIPTION
		AND	Andesite
		OV	Overburden
		SCH	Schist

SECTION SPECS:

REF. PT.	E, N	505800 m	7097710 m
EXTENTS		546.4 m	371.5 m
SECTION TOP, BOT		1150 m	778.5 m
TOLERANCE +/-		50 m	

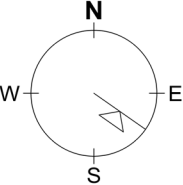
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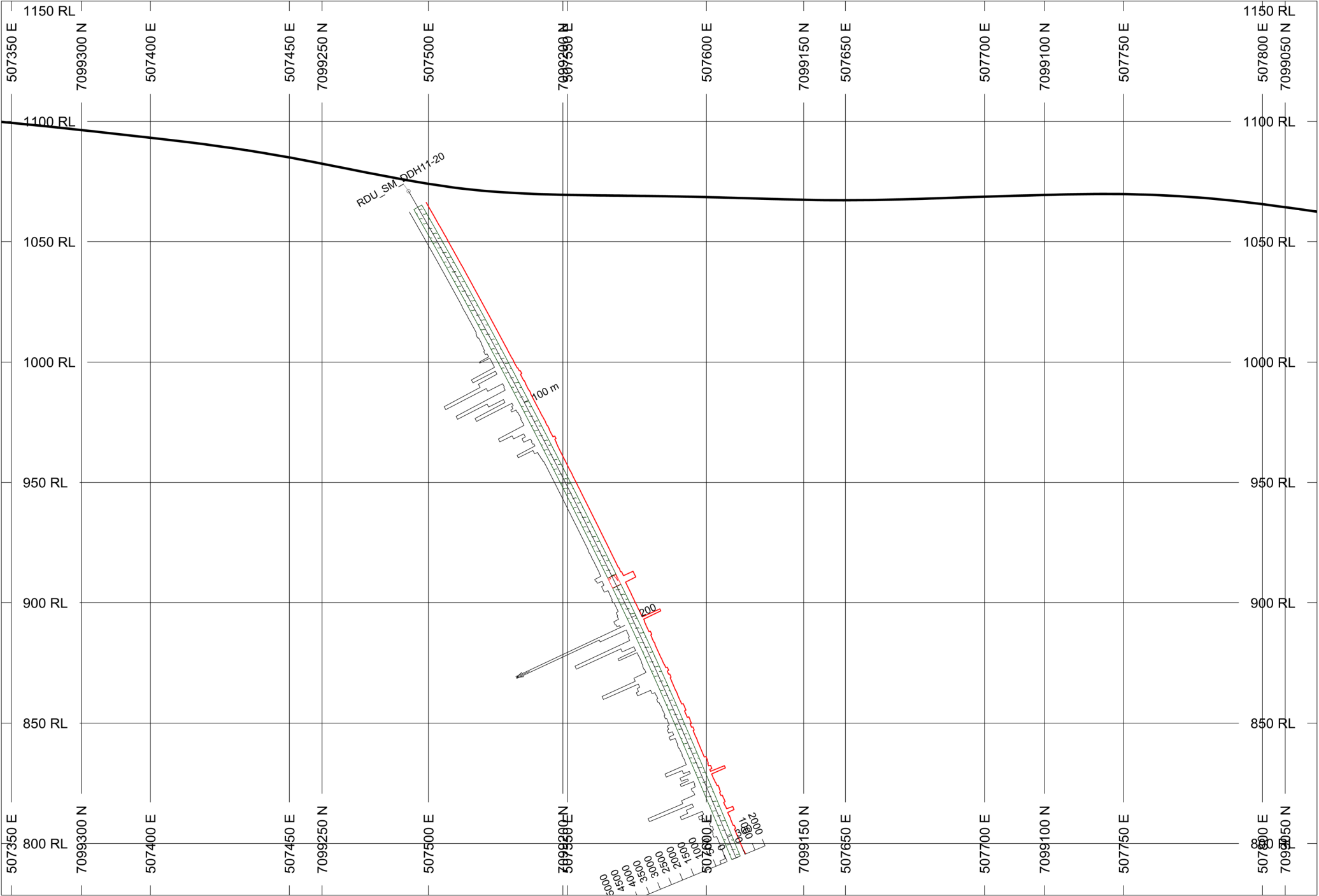
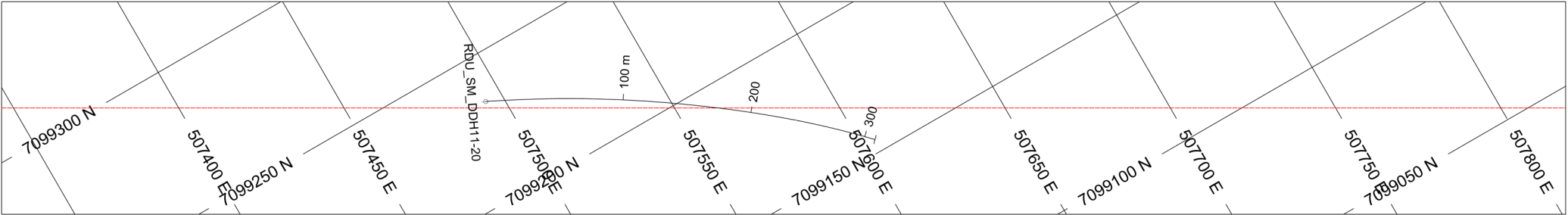
NAD83 / UTM zone 7N

AZIMUTH = 125°



Rackla Metals Inc.
Sixtymile Property
7097710N SECTION

Figure 6



HOLES PLOTTED

TOTAL 1

RDU_SM_DD11-20

TOPOGRAPHY

sixtymile_10mGRD_metric.GRD

PROFILES	L/R	COL	RANGE
AU_PPB_LAB	R		Max 10000
AS_PPM_LAB	L		Max 5000

ROCK CODES	PAT	LABEL	DESCRIPTION
ROCK_TYPE_CODE		FZN	Fault zone
		SCH	Schist

SECTION SPECS:

REF. PT.	E, N	507583 m	7099180 m
EXTENTS		546.4 m	371.5 m
SECTION TOP, BOT		1150 m	778.5 m
TOLERANCE +/-		50 m	

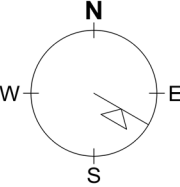
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(m)



NAD83 / UTM zone 7N

AZIMUTH = 120°



Rackla Metals Inc.
Sixtymile Property
7099180N SECTION

Figure 7

APPENDIX A

Geophysical Report on the Sixtymile Property 2011 Program

**GEOPHYSICAL REPORT ON THE
SIXTY MILE PROPERTY 2011 PROGRAM
DAWSON MINING DISTRICT**

Prepared for:
Rackla Metals Inc.

Prepared by:
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Aurora Geosciences Ltd
34A Laberge Road
Whitehorse, Yukon, Canada
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Report dated April 10, 2012

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List of Digital Products

ELF-EM (Graben Fault zone)/Geosoft packed maps/*.map
 ELF-EM (Graben Fault zone)/PDFs/*.PDF
 ELF-EM (Graben Fault zone)/Raw /JulXX.xyz
 ELF-EM (Graben Fault zone)/Graben Fault Zone 2011 ELF.gdb and xyz
 ELF-EM (Graben Fault zone)/RDU-11552-YT daily reports.pdf
 IP & HLEM (Thrust zone) – field reports\Daily logs\Thrust zone 2011 geophysics daily log – XXX XX field report.pdf
 IP & HLEM (Thrust zone) – field reports\Raw\Thrust zone 2011 geophysics raw data – XXX XX field report\

IP & HLEM (Thrust zone) – field reports\Figures\Thrust zone 2011 geophysics figures – XXX XX field report\pdf
& jpg\
IP & HLEM (Thrust zone) – field reports\Figures\Thrust zone 2011 geophysics figures – XXX XX field
report\packed Geosoft maps\
IP & HLEM (Thrust zone) – field reports\Final Data\
IP & HLEM (Thrust zone) – field reports\Coordinates\
IP & HLEM (Thrust zone) – field reports\Thrust zone 2011 geophysics field report – XXX XX.pdf
DCIP2D inversion\Kennecott Trench grids\\Composite sections & plan maps\
DCIP2D inversion\Kennecott Trench grids\Inversion output files\
DCIP2D inversion\Layfield grid\Composite sections & plan maps\
DCIP2D inversion\Layfield grid\Inversion output files\
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DCIP3D inversion – Kennecott Trench grid\UBC
DCIP3D inversion – Kennecott Trench grid\3D PDF
DCIP3D inversion – Kennecott Trench grid\DXF
DCIP3D inversion – Kennecott Trench grid\Voxel
DCIP3D inversion – Kennecott Trench grid\Geosoft map
DCIP3D inversion – Kennecott Trench grid\Pred vs Obs

1 OVERVIEW

In the summer of 2011, Aurora Geosciences Ltd. conducted induced polarization – resistivity (IP), horizontal loop electromagnetic (HLEM) and extremely low frequency electromagnetic (ELF-EM) surveys on the Sixty Mile property. A controlled-source audio-magnetotelluric (CSAMT) survey was also conducted in the 2011 season by Zonge International but these data do not constitute a part of this report. During the data collection, the Sixty Mile project was wholly owned by Radius Gold Inc., but as of December 9, 2011 Rackla Metals Inc. was spun out from Radius Gold Inc. and the Sixty Mile project is now held by Rackla Metals Inc.

The ELF-EM survey was designed to map the conductive response of anomalies picked from the CSAMT survey and provide infill and detail mapping of these anomalies. The ELF-EM performed well compared to the CSAMT survey and with no cut-lines, only a two-person crew required and able to collect approximately 2.5 line-km daily, the ELF-EM offers a cost-effective, deep-EM alternative. Unfortunately, the infill and detail survey was cut short due to an instrument malfunction.

The Kennecott Trench grid has been the most extensively explored area of the Thrust zone area and the best results to date are from DDH11-18 where the gold mineralization occurs at the margin of a chargeable zone which is offset from a conductive zone. If this margin represents a contact which acted as a fluid conduit, results suggest that conditions were favorable for precipitation of gold within the quartz-rich unit adjacent to this conduit. The limited results at the Layfield and Miller Creek grids support this interpretation and it is recommended that the exploration focus at all three areas be within this area on the margin of the chargeability high, offset from the conductive zone.

Although the focus of exploration has been on the quartz-rich schists and quartzites on the southeastern portion of the grids, DDH11-19 intersected several significant gold intervals (up to 4.4 ppm) and extensive elevated arsenic. Additionally DDH10-04 had anomalous gold and arsenic. Therefore, although not the primary target, the schists to the northwest, within the highly conductive and chargeable area, have shown potential to host significant gold mineralization and should not be ignored. This geophysical signature is seen at the Kennecott Trench, Miller Creek and Layfield grids.

There has been limited work done at the Cholach grid, and the geophysics suggest a different setting than at the Kennecott Trench, Miller Creek and Layfield grids; there is no very conductive and chargeable unit imaged at Cholach. The IP-resistivity shows an area of moderate, but elevated chargeability bounded by resistivity lows and centered on the gold-in-soil anomaly and favorable RAB drilling results.

2 ELF-EM (GRABEN FAULT ZONE)

The ELF-EM survey was designed to map the conductive response of anomalies picked from the CSAMT survey and provide infill and detail mapping of these anomalies. During the period July 7th through 13th, 2011, 10.5 line-km of ELF surveying were completed over the property. CSAMT lines 18 & 19 were

resurveyed to ensure compatibility of results then an infill grid was completed between CSAMT lines 15 and 20 over an area of interest. The survey was cut short due to an instrument malfunction.

2.1 Personnel

The ground geophysical surveys were conducted by the following personnel:

Dave Hildes	Project Manager	July 7 – 10, 2011
Ben Postlethwaite	Geophysicist	July 7 – 13, 2011
Samuel Tarkalam	Technician	July 10 – 13, 2011
Jay Watt	Technician	July 9, 2011

2.2 Instruments and Equipment

The crew was equipped with the following instruments and equipment:

ELF Survey	1	ELF System – Sensor unit and computer
	1	Garmin 60csx GPS
Data Processing	1	Laptop computer
	1	Geosoft Oasis Montaj software
Other	1	Truck

2.3 Survey Location

Rackla Metal's Sixty Mile property is located approximately 75 km due west of Dawson, situated on the Yukon Alaska border. The survey described in this section took place on virtual GPS grids negating the need for a picket grid, though where existing grid lines aligned with the survey, pickets were used for reference. All geophysical data collected were geo-referenced to UTM Zone 07N coordinates in the NAD83 datum.

2.4 Survey Specifications

The ELF survey was completed according to the following specifications:

Grid	Line spacing	Station spacing	Frequencies	Notes
CSAMT Lines 18 & 19	250 m	25 and 50 m	22, 45, 90, 180, 360, 720 & 1440 Hz	Low frequency noisy
CSAMT lines 15-20 infill	25 m	50, 25 & 12.5 m	22, 45, 90, 180, 360, 720 & 1440 Hz	Low frequency noisy, last day had very poor 720 and 1440 Hz signal

2.5 Processing Method

The data was visually examined and irregular readings were ejected from the data set. For each frequency a first order regional trend was removed from the data by subtracting a local mean; the north and south grids were treated as separate datasets in this procedure and a second iteration of irregular data removal was effected.

The east and north data were then gridded, smoothed with a 5X5 Gaussian filter, the divergence was calculated and then displayed as a colour grid for each frequency except 11 Hz which had poor signal. See for example the figure *r_180.pdf* which shows an arrow representation of the real 180 Hz data as well as the divergence of the gridded real 180 Hz data. The dominant conductor is apparent on the southeast ends of L18E and L19E both in the divergence and by noting that the tipper passes through zero over the conductor. Several holes were drilled in the more resistive unit to the northwest of the dominant conductor.

Figure *magnitude_360.pdf* shows the calculated magnitude of the tipper at 360 Hz (to be exact, the additive inverse of the magnitude so that the colours are consistent - pink representing high conductivity). Although this figure shows a very cohesive pattern and appears to delineate a northeast-southwest contact well, the relationship to conductivity is not as clear. The magnitude of the tipper tends to zero in a homogeneous earth as well as over a conductor.

Below are two figures (Figure 2-1 and Figure 2-2) showing the ELF results compared to the CSAMT derived 2D conductivity inversions:

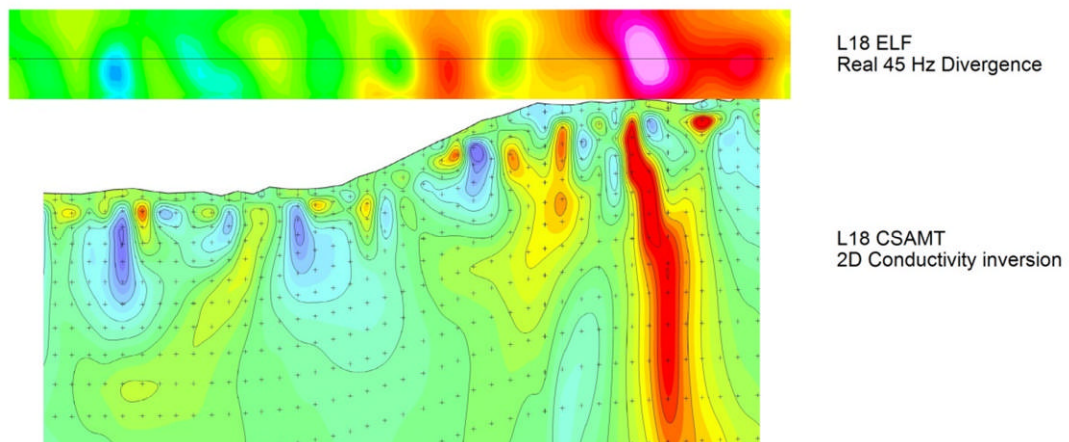


Figure 2-1 Line 18 ELF-EM & CSAMT comparison

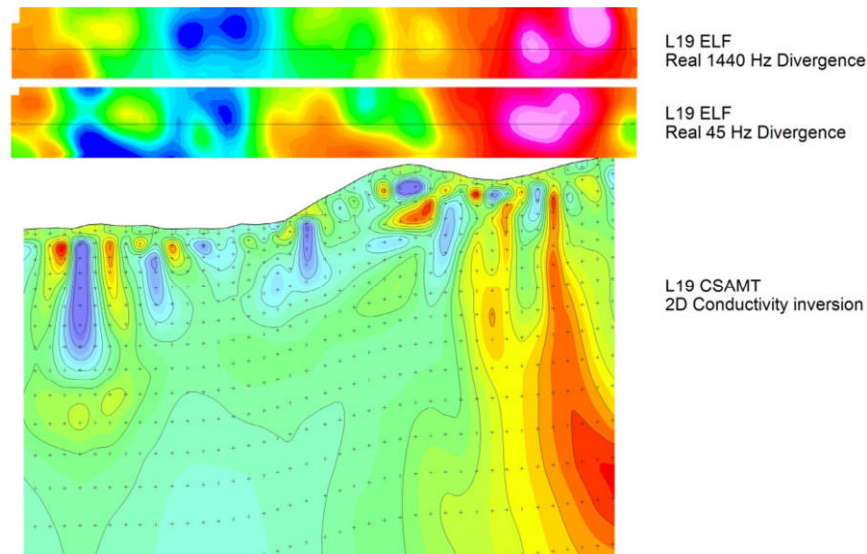


Figure 2-2 Line 19 ELF-EM & CSAMT comparison

As can be seen the agreement between the two surveys is quite good. The main conductor at the end of the line is well imaged in both surveys and several of the more resistive features resolved in the CSAMT inversions are also imaged by the ELF-EM system. The higher frequency data on L19, representative of more shallow conductivity structure, mimic the near surface CSAMT inversion results well. The comparison for the lower frequency is more complicated as the inversion produces conductivities at discrete depths while the ELF-EM depth penetration is dependent on the conductivity structure and is an integrated effect. An inversion of the ELF-EM data would be more appropriate to directly compare against the CSAMT inversion.

2.6 Products and Conclusions

The following files are attached to this report under the folder *ELF-EM (Graben Fault zone)*

- *Geosoft packed maps/*.map* - Geosoft format packed maps of all real & quadrature frequency maps and select frequency magnitude maps.
- *PDFs/*.PDF* – PDF format maps of all real & quadrature frequency maps and select frequency magnitude maps.
- *Raw /JulXX.xyz* – Raw ELF-EM files from July 08 to July 10.
- *Graben Fault Zone 2011 ELF.gdb and xyz* – Final database in both Geosoft database and ASCII format.
- *RDU-11552-YT daily reports.pdf* – A PDF of the survey log detailing day to day operations.

In conclusion, the ELF-EM performed well compared to the CSAMT survey. With no cut-lines required and a two-person crew able to collect approximately 2.5 line-km daily, the ELF-EM offers a cost-effective, deep-EM alternative.

3 IP & HLEM (THRUST ZONE) – FIELD REPORTS

Line cutting, IP and HLEM were conducted on several small grids within the Thrust Zone, done by different crews throughout the summer and reported on by three field reports submitted to Radius Gold Inc. shortly after completion of each phase. The first was written by Andre Lebel on July 15th, 2011; the second by Genevieve Hetu on August 28th, 2011; and the third by Jay Watt submitted September 13, 2011. A map of the cut lines is shown below in Figure 3-1.

The four grids were the Kennecott Trench Zone, Miller Creek, Layfield and Chalach grids.

Line cutting and gridding on the Kennecott Trench grid totaled 6.5 km. The lines were surveyed using an I-9 Apex MaxMin using the frequencies of 220, 1760, 3520, 7040, 14080 Hz and a 20 channel 25m modified pole-dipole array that moved from north to south. A gradient IP survey was conducted on 5 km of the Kennecott Trench grid. These surveys were described in the first field report, 2D inversions were run on data and recommendations were made during the summer season (see Section 4.1.2). Additionally, a 3D inversion was performed after the completion of the 2011 drilling and further recommendations are made in Section 5.4.

On the Miller Creek grid, 4.8 km were cut, gridded, IP and HLEM surveyed using an expanding pole-dipole survey with 50 metre dipoles. The tie-line of the Miller Creek grid is contiguous with the tie-line on the Layfield grid and the end of the Miller Creek tie-line was not HLEM surveyed due to a broken

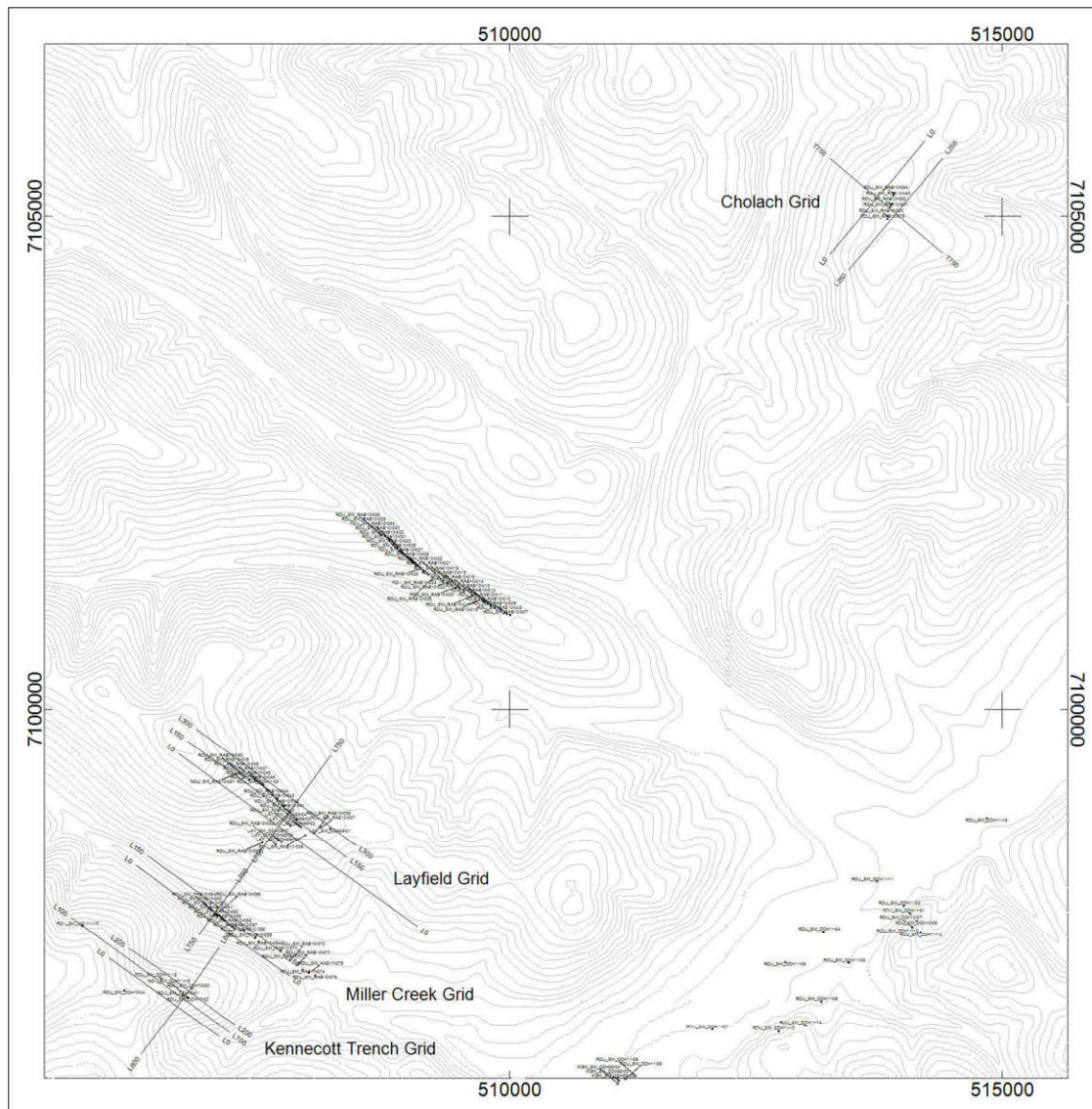


Figure 3-1 Thrust zone 2011 geophysics grids

reference cable. The IP work on the Miller Creek grid was described in the second field report while the HLEM was described in the third field report. Note that although all data and stations are correctly geo-referenced, the orientation of the northwest trending lines in the HLEM database were assumed to run grid east-west and therefore the station numbers are reversed from the IP (and the Kennecott and Layfield grids) where the lines were assumed to run grid north-south.

A total of 8.25 line-km of line were cut, gridded, IP and HLEM surveyed on the Layfield grid using an expanding pole-dipole survey with 50 metre dipoles. The IP work on the Layfield grid was described in the second field report while the HLEM was described in the first field report.

On the Cholach grid, 4.5 line-km were cut, gridded, IP and HLEM surveyed. The IP survey used was an expanding pole-dipole using 25 m dipoles. Note that although all data and stations are all geo-referenced correctly, the orientation of the northwest trending lines on the Cholach grid were assumed to run grid east-west and therefore the station numbers are reversed from the IP on the Kennecott, Miller Creek and Layfield grids where the lines were assumed to run grid north-south.

3.1 Personnel

The following personnel conducted the surveys:

Andre Lebel	IP Crew chief / HLEM Crew Chief / Line-cutter	June 17 th – July 13 th
Samuel Tarkalam	IP tech	July 1 st – July 13 th
Barry Silverfox	IP tech/ Brusher / HLEM Helper	June 17 th – July 13 th
Jay Watt	IP tech	July 10 th – July 13 th
Ray Mazurak	Line-cutter crew chief	May 19 th – June 26 th
Dan Mackenzie	Line-cutter	May 19 th – June 16 th
Heidi Manicke	Brusher / Line-cutter/ IP tech / HLEM Helper	June 1 st – July 10 th
Bruce Germaine	Line-cutter	June 17 th – July 13 th
Charlie Turanich-Noyen	Brusher/ HLEM Helper	May 17 th – June 23 rd
Warren Kapaniuk	Line-cutter crew chief	May 17 th – June 23 rd
Mac Cohan	Brusher	May 17 th – June 1 st
JP Lemire	IP tech	July 2 nd – July 8 th
Dave Hildes	Geophysicist Project Manager	August 16 th – August 19 th
Genevieve Hetu	IP Crew chief	August 16 th – August 28 th
Stefan Groensdahl	Helper	August 16 st – August 27 th
Zain Syed	Helper	August 16 th – August 27 th
Russell Radwanski	Helper	August 19 th – August 28 th
Jay Watt	Crew Chief	August 31 st – September 2

Graeme Chan

Helper

September 1st – September 2

3.2 Instruments and Equipment

The HLEM crew was equipped with the following instruments and equipment:

HLEM instrument	1	APEX Parametrics I-9 Maxmin
Other	2	VHF Handheld radios
Other	1	Laptop with Geosoft

The IP crew was equipped with the following instruments and equipment:

IP receiver	1	Iris Elrec Pro
IP transmitter	1	GDD TxII 3.6 kW
Generator	1	Honda 5kW generator
IP equipment	1	Repair tools & spare IP parts
	7 km	18 gauge wire
	6	VHF handheld radios
		Georeels & spools, 25m 10 pin IP cables, stainless steel electrodes
Other	1	Laptop with Geosoft IP package
	1	Sat phone

The line cutting crew was equipped with the following instruments and equipment:

Line cutting equipment	5	Chain saws
		Radios, handheld GPSes, safety equipment
Other	1	Laptop
	1	Sat phone

3.3 Survey Specifications

The HLEM survey was conducted according to the following specifications:

Coil Separation	100 m
Frequencies	220, 1760, 3520, 7040, 14080 Hz
Station Separation	25 m
Terrain Slopes	Recorded in percent
Terrain Corrections	Coils held at the indicated slope for coplanar coils. Short chaining errors caused by rough topography (such as steep slopes) were corrected for using the slope chaining method with Apex parametrics software MMCFIX1.
Grid registration	Handheld GPS points at line ends averaged 60 s or until estimated accuracy < 10 m, whichever was longer. All coordinates in NAD83 UTM Zone 7N.

The IP and resistivity surveys were conducted according to the following specifications:

Array	Modified pole-dipole and Gradient (Kennecott Trench grid only)
Dipole spacing	25 m / 50 m in areas of poor data quality on the dipoles 10 – 15 to improve the data quality (Kennecott trench grid) 50 m (Miller Creek and Layfield) 25 m (Cholach)
Dipoles Read	N=1 through 20 where possible (Kennecott Trench grid) N=1 through 10 (Miller Creek, Layfield and Cholach grids)
Tx	Time domain, 50% duty cycle, reversing polarity, 0.125 Hz.
Stacks	Minimum 15
Rx error	5 mV/V or less, otherwise repeated several times until repeatability assured.
Grid registration	Handheld GPS points at line ends and every 500m minimum averaged 60 s or until estimated accuracy < 10 m, whichever was longer. All coordinates in NAD83 UTM Zone 7N.

3.4 Data Processing

The HLEM data was dumped in its raw form from the instrument using GemLink. Short coil spacing errors were corrected using the Apex software MMCPIX1. Data was exported to an ASCII format using MMCPRO87, and plotted using Geosoft Oasis software.

The IP data was downloaded nightly from the ELREC PRO receiver and imported into Geosoft Oasis Montaj IP package. Every reading was inspected and readings which did not repeat were rejected from the database. Apparent resistivity was recalculated using a four electrode equation assuming a homogeneous earth. The average apparent chargeability was calculated using a weighted mean based on the number of stacks and the standard deviation of the chargeability.

GPS points were dumped from the non-differential handheld units and the coordinates for the stations determined by linear interpolation between stations.

Pseudosections of apparent resistivity, apparent chargeability and apparent chargeability error, draped over topography, were produced with Oasis Montaj. These pseudosections are included with this report in PDF format as well as packed Oasis Montaj map files.

3.5 Products

The following files are attached to this report under the folder *IP & HLEM (Thrust zone) – field reports*

<i>\Daily logs\Thrust zone 2011 geophysics daily log – XXX XX field report.pdf</i>	Daily logs of the surveys from the three submitted field reports.
<i>\Raw\Thrust zone 2011 geophysics raw data – XXX XX field report\</i>	Daily dump files of MaxMin, GPS and Elrec Pro
<i>\Figures\Thrust zone 2011 geophysics figures – XXX XX field report\pdf & jpg</i>	IP pseudosections, HLEM stacked profiles and grid maps in pdf or jpg formats.
<i>\Figures\Thrust zone 2011 geophysics figures – XXX XX field report\packed Geosoft maps</i>	IP pseudosections, HLEM stacked profiles and grid maps in packed Geosoft map formats.
<i>\Final Data\</i>	Final Databases in geosoft gdb and ASCII .XYZ format. Channel.txt files describing the channels in the databases.
<i>\Coordinates\</i>	NAD83 UTM Zone 7N coordinates for the four 2011 geophysics grids in the Thrust zone
<i>Thrust zone 2011 geophysics field report – XXX XX.pdf</i>	Copies of the three field reports describing the 2011 geophysical operations on the Thrust zone. This information is completely summarized in this report

4 THRUST ZONE IP – 2D INVERSIONS

During the course of the 2011 season, 2D inversions were run on the Thrust zone IP-resistivity data using the UBC DCIP2D algorithm to guide drilling as required. Composite sections were then made incorporating the IP-resistivity & HLEM data, recovered 2D resistivity and chargeability models and recommended drill holes. These were completed for the Kennecott Trench and Layfield grids but due to the drilling plans changing late in the summer, the composite sections were not required nor produced for the Miller Creek or Cholach grids.

4.1 Kennecott Trench grid

4.1.1 2011 summer proposed holes

This section has been included for completeness, but has been superseded by the subsequent 3D inversion described below in Section 5.

Four holes were proposed all at a dip of 55 and 300 metres long. These holes were designed to test the chargeable zones on the northwest end of the grid. L100 goes further to the northwest than lines 0 or 200 but also the anomaly at approximately station 1400 (tested by holes 2 and 3) has the strongest chargeability response on L100. The predicted – observed difference is acceptable on L100 although the inversion underestimates the most northwest chargeability and conductivity anomalies.

Hole	Line (collar)	Station (collar)	Easting (collar)	Northing (collar)	Azimuth	Priority
1	100	1900	505663	7097803	110	1
2	100	1500	505977	7097576	110	2
3	100	1325	506114	7097476	290	3
4	100	1800	505742	7097746	290	4

Hole 1 was the top priority as it intersects the northwest chargeability anomaly, which is the strongest, and extends into the conductive zone at depth. It does cross an HLEM conductor but it is a very weak so optimistically the drilling would not be adversely affected by a fault. The hole dipping up the line (hole 4) also tests this chargeable body but extends at depth into an area where this is no data coverage.

Holes 2 & 3 test another chargeability anomaly that is less strong and does not extend as much into the modelled conductive zone. There appears to be a thin conductor at station 1300 and that in combination with the deeper conductor is complicating the HLEM response. Hole 2 intercepts this thin conductor at depth and if it images a fault could lead to poor drilling conditions.

4.1.2 Recommendations

See Section 5.4.

4.1.3 Products

This section has been included for completeness, but has been superseded by the subsequent 3D inversion described below in Section 5. The following files are attached to this report under the folder *DCIP2D inversion\Kennecott Trench grids*

\Composite sections & plan maps

Composite sections including HLEM and IP-resistivity data and 2D recovered resistivity and chargeability. L100 has the proposed holes in the composite section. Plan map of L100 with proposed hole collars.

\Inversion output files

UBC format mesh file, 2D recovered conductivity and chargeability models, predicted DC and IP data and log files for each line.

4.2 Layfield grid

4.2.1 2011 summer proposed holes

Five holes were proposed all at a dip of 55 and 300 metres long.

Hole	Line (collar)	Station (collar)	Easting (collar)	Northing (collar)	Azimuth	Priority
1	150	1337.5	507288	7099270	290	2
2	150	1300	507317	7099249	110	1
3	150	1500	507162	7099366	110	2
4	300	1250	507381	7099358	110	1
5	0	-150	508381	7098294	290	3

Hole 1 was to test the strong chargeability on the northwest ends of the lines, also extending into the conductive zone. This feature is quite similar on all three lines and there is no compelling reason to test one line over the other therefore the middle line was chosen. The azimuth is designed to cross-cut stratigraphy.

Both RAB holes with the best results on the Layfield grid are within a chargeability low, mid resistivity on the margin of a high chargeable zone, reminiscent of results at the Kennecott Trench grid, therefore the chargeability lows are of interest and hole 2 tests this. The azimuth was chosen to follow stratigraphy and cross-cut the veins. There may not be a direct relationship with chargeability and gold; chargeability can be controlled by grain size and assemblage of sulphides and not total sulphide content

Hole 3 test the same target as hole 1 but cross-cuts the veins, not the stratigraphy.

Hole 4 is similar to hole 2, but on L300.

Hole 5 is a weak geophysical target, but the only noteworthy anomaly in the head of Wy gulch where the only example of cinnabar has been found on the property.

4.2.2 Recommendations

Figure 4-1 shows several RAB holes, proposed holes and the diamond drillhole DDH 11-20 in relationship with lines 300 and 150. There were three intersections in DDH 11-20 with greater than 1 ppm gold and, within the bounds of the very limited drill control, the highest gold values occur on the margins of moderate chargeability offset from a conductive area, similar to what is observed in the Kennecott Trench zone (see Sections 5.3 and 5.4). Therefore proposed holes 2 & 4 as described above in Section 4.2.1 are the highest priority recommended holes at Layfield.

Also observed at the Kennecott Trench grid are significant gold results within the very chargeable and conductive schists (see Sections 5.3 and 5.4). Therefore proposed holes 1 & 3 as described above in Section 4.2.1 remain valid secondary exploration targets. No further information is available for the head of Wy gulch and proposed hole 5 as described above in Section 4.2.1 remains a valid tertiary target.

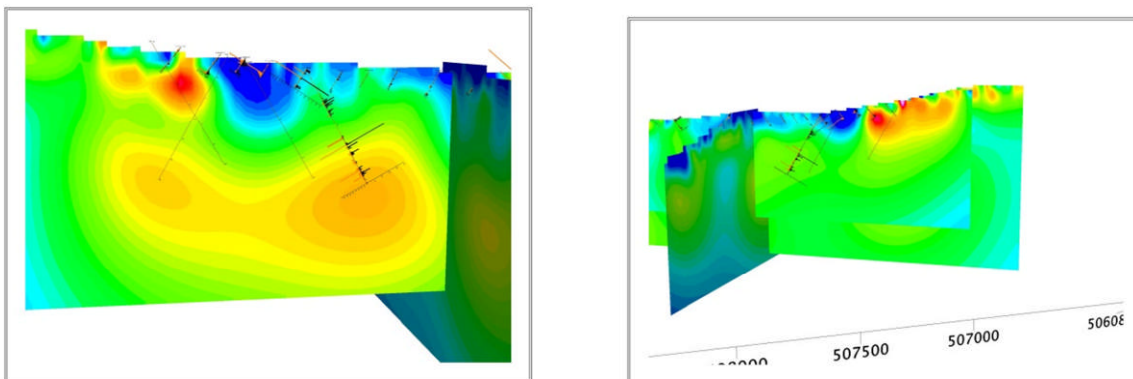


Figure 4-1 View of 2D chargeability model on L300 of the Layfield grid (image on the left) and 2D chargeability of L150 of the Layfield grid (image on the right). View direction of the image on the left is inclination 10, declination 45, view direction of the image on the right is inclination 10, declination 200.

4.2.3 Products

The following files are attached to this report under the folder *DCIP2D inversion*

`\Layfield grid\Composite sections & plan maps\`

Composite sections including HLEM and IP-resistivity data, 2D recovered resistivity and chargeability and proposed holes. Plan map of Layfield grid with proposed hole collars. These maps do not include DDH11-20

`\Layfield grid\Inversion output files\`

UBC format mesh file, 2D recovered conductivity and chargeability models,

predicted DC and IP data and log files for each line.

\Geo-referenced grids

Geo-referenced Geosoft format section grids of the 2D recovered resistivity and chargeability. These can be viewed in 3D space with the Geosoft viewer.

4.3 Miller Creek grid

Due to drilling plans changing late in the summer, composite sections and proposed holes were not required nor produced for the Miller Creek grid. No diamond drilling has been done in this area.

From the RAB drilling results and the limited IP completed in the area (see Figure 4-2) the highest gold values are on the margin of a chargeable and conductive area, consistent with what is observed at the Layfield and Kennecott trench grids (see Sections 4.2.2, 5.3 and 5.4) and further exploration should focus on this area.

4.3.1 Products

\Miller Creek\Inversion output files

UBC format mesh file, 2D recovered conductivity and chargeability models, predicted DC and IP data and log files for each line.

\Geo-referenced grids

Geo-referenced Geosoft format section grids of the 2D recovered resistivity and chargeability. These can be viewed in 3D space with the Geosoft viewer.

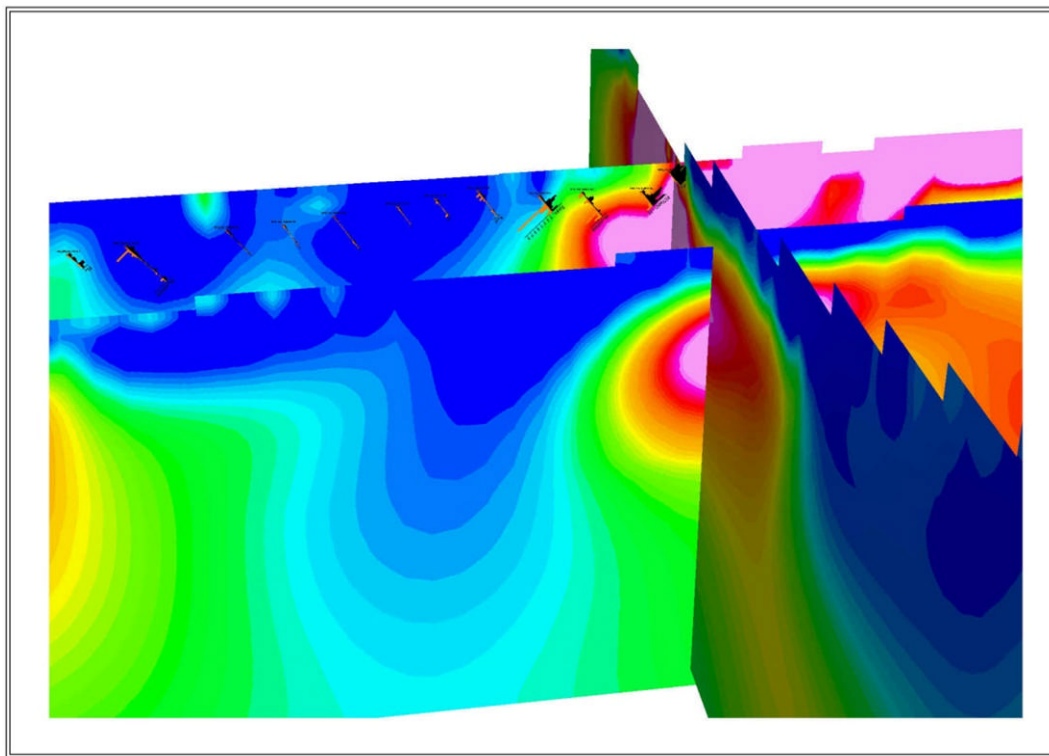


Figure 4-2 Miller Creek 2D recovered chargeability sections. View is from inclination 30 and declination 225. Gold and Arsenic assays are shown on the shallow RAB holes drilled in between lines 0 and 100.

4.4 Chalach grid

Due to drilling plans changing late in the summer, composite sections and proposed holes were not required nor produced for the Chalach grid. No diamond drilling has been done in this area.

The limited IP done on this grid suggests a different setting than at the Kennecott Trench, Miller Creek and Layfield grids; there is no very conductive and chargeable unit imaged. Figure 4-3 shows the recovered chargeability (colour scale 0 to 15 mV/V) and recovered resistivity (colour scale 100 to 3000 Ohm-m, log-linear scale). The grid was centered upon a soil anomaly and favorable RAB drilling results. The IP-resistivity shows an area of moderate, but elevated chargeability within the central area bounded by resistivity lows on the southwest and northeast on both lines 0 and 250.

It is recommended that the chargeability highs be drill tested and the IP-resistivity grid be infilled and extended if warranted by favorable drill results.

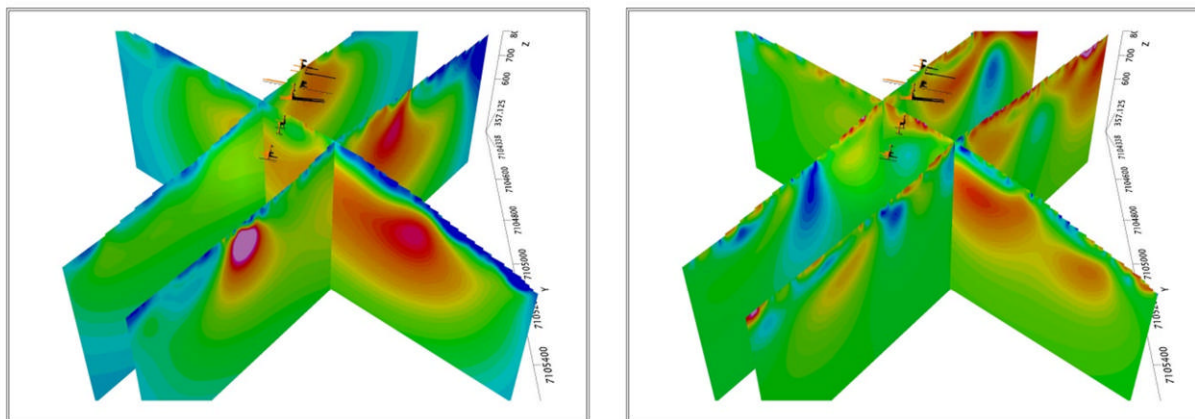


Figure 4-3 Cholach grid 2D recovered chargeability (left) and 2D recovered resistivity (right) with RAB gold and Arsenic results.

4.4.1 Products

\Cholach\Inversion output files

UBC format mesh file, 2D recovered conductivity and chargeability models, predicted DC and IP data and log files for each line.

\Georeferenced grids

Georeferenced Geosoft format section grids of the 2D recovered resistivity and chargeability. These can be viewed in 3D space with the Geosoft viewer.

5 KENNECOTT TRENCH GRID IP – 3D INVERSION

In the Summer of 2011, 6.5 km of induced polarization - resistivity (IP) data were collected on the Kennecott Trench Zone of the Sixty Mile property. This section describes the data inversion steps taken to model the resistivity and induced polarization data provided in the field report, and makes recommendations based on the results of the inversion. Louis Rosenthal performed the 3D inversions and contributed substantially to this section.

5.1 Data inversion

The final resistivity and chargeability data were modeled using the DCIP3D inversion software developed by the University of British Columbia Geophysical Inversion Facility. This software package produces a geo-referenced chargeability (V/V) and conductivity (mS/m) model.

The inversions used the data from the final database provided with the field report. The DC inversions used the primary voltage normalized by the current as input and the IP inversions used dimensionless averaged IP as input. The dataset was rotated 36 degrees counter-clockwise so that the lines were

oriented (grid) east-west. This rotation decreases the size of the inversion mesh which improves the efficiency of the inversion.

5.1.1 DC inversion

The final DC inversion used a 15m mesh and was weighted from the top down to discourage surface noise. Several models were calculated using different combinations of initial and reference models. The final model fit the data very closely in the resistive ground to the southeast for all dipole separations. A large, deeply buried conductive feature in the northwest overlain by highly resistive rocks was not resolved as accurately, especially at wide dipole separations. Stacked sections of the observed and predicted conductivity and a difference calculation plot are included with this report.

5.1.2 IP inversion

The sensitivity of the IP inversion was calculated using the final DC model. Several models were calculated using different combinations of initial and reference models. The best model used a reference model and initial model of 50 mV/V and used surface weighting to discourage spottiness. Stacked sections of predicted and observed chargeability and a difference calculation plot are included with this report.

5.2 Processing

The padding cells were removed from the final models which were then imported into Oasis Montaj as 3D voxels. The voxels were rotated back into earth coordinates then re-gridded using a minimum curvature algorithm with 10 m cell size. These processed voxels are included with this report in various formats (Geosoft Voxels, AUTOCAD DXF and 3D PDF).

5.3 Interpretation

A combination of cross-sections and isosurfaces is used to visualize and interpret the model. The figures in this report use a conductivity isosurface of 0.01 mS/m (pink) and varying chargeability isosurfaces (red) depending on the zone being examined. The HLEM conductors identified are generally consistent with shallow recovered conductivities from the DC inversion except where deeper conductive bodies on the edge of the depth range of the HLEM disrupt the response from a nearby shallow conductor.

The northwest half of the survey area is modelled as being very conductive and chargeable (Figure 5-1). The conductive body is modelled as being deeper than the chargeable zone although they do overlap slightly. No drillholes intersect the northwest extent of the survey in the zone of anomalous chargeability and conductivity. The closest drillhole to this zone is DDH-10-04. The log reports quartzose schist with 2-3% disseminated pyrite between 6.1 and 85.54 meters, quartzose schist with increased minealization from 86.2 to 115.66 and finally a biotite-chlorite schist from 115.66 to 257.43 (EOH) where there is a deficit of sulphides. This is consistent with the recovered model: the more resistive and chargeable quartzose schist containing pervasive pyrite overlies the more conductive and non-chargeable biotite-chlorite schist with few sulphides remaining. This drillhole did not intersect significant gold anomalies, although the arsenic numbers were high.

The extreme northwest end of L100 was the most chargeable of the survey and DDH11-19 was drilled to test this anomaly. It should be noted that L100 was the only line to extend into this northwest extremity and the model is not as well constrained as the rest of the survey. Additionally, the few data that were collected here had typically poor misfit (the predicted data from the model does not match well to the observed data). Therefore, caution should be exercised when viewing the 3D models in this region.

The data, the 2D model from which DDH11-19 was spotted and the 3D chargeability model all agree that the highest chargeabilities should lie in the upper 100 metres of DDH11-19. The hole was logged almost exclusively as a schist and photos show extensive shearing and brecciation however there is nothing to explain the increased observed and modelled near-surface chargeability. Below the modelled chargeability high, arsenic numbers are high and there are isolated significant gold values (up to 4.4 ppm Au).

The drilling to date is concentrated to the northwest of where the crossline intersects the main grid (Figure 5-2) in the more quartz-rich units which have returned better gold values. The area of current interest is immediately southeast of the contact between the chargeable and conductive rocks to the northwest (interpreted to be the pyrite-rich quartzose schist and biotite-chlorite schists) and the resistive, non-chargeable rocks to the southeast. The crossline did not intersect significant conductivity or chargeability. The gold values appear to be bounded to the southeast by a shallow conductive feature imaged by both the HLEM survey and the IP-resistivity, although there has been no drilling to the southeast of this feature. The chargeability increases slightly to the southeast of the shallow conductive feature (fault?).

Hole DDH11-18 had the highest gold intersection in the survey area. This intersection, between 133-150 metres, corresponds to the edge of a moderate chargeability anomaly (Figure 5-3) hosted in the transition between a resistive zone above and conductive zone below (Figure 5-4). The anomalous gold at the bottom of holes DDH-10-01 and DDH-10-02 is in the same transition zone, although they are more distal to the chargeability high.

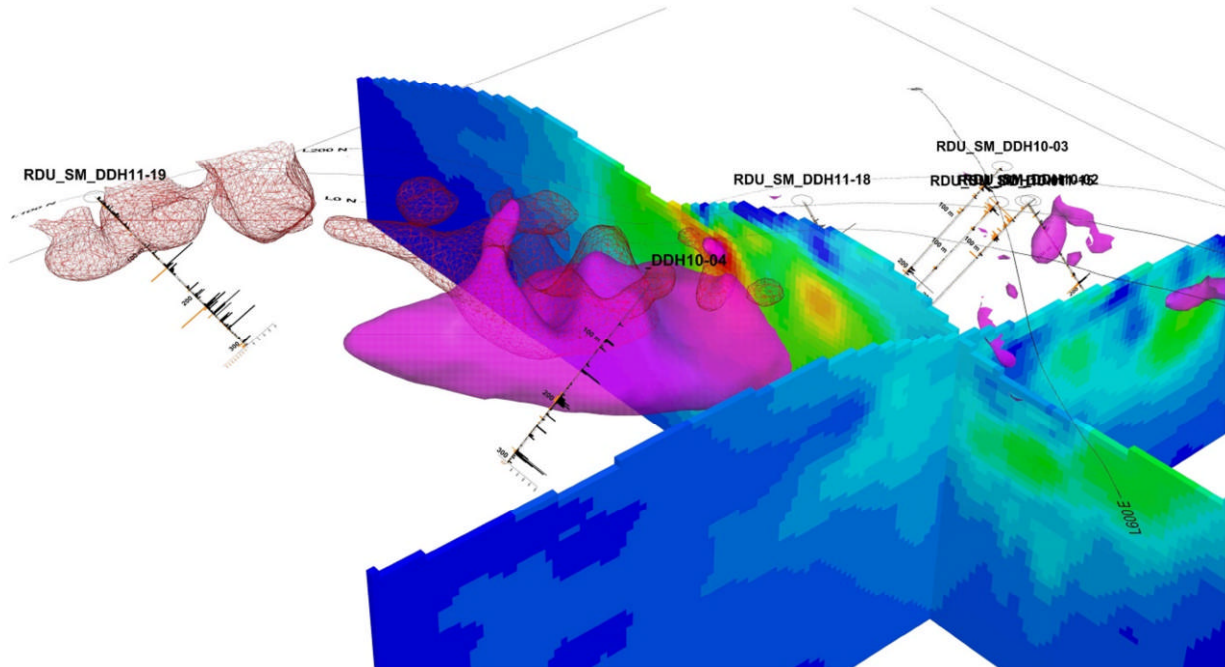


Figure 5-1 Zone of significant chargeability and conductivity in the NW extent of the grid area. Chargeability (wiremesh) and conductivity isosurfaces of 50 mV/V and 10 mS/m are plotted. The cross sections show the chargeability voxel, As values (black) and Au values (orange) are plotted beside the hole traces. View inclination is 35° and view declination is 40°.

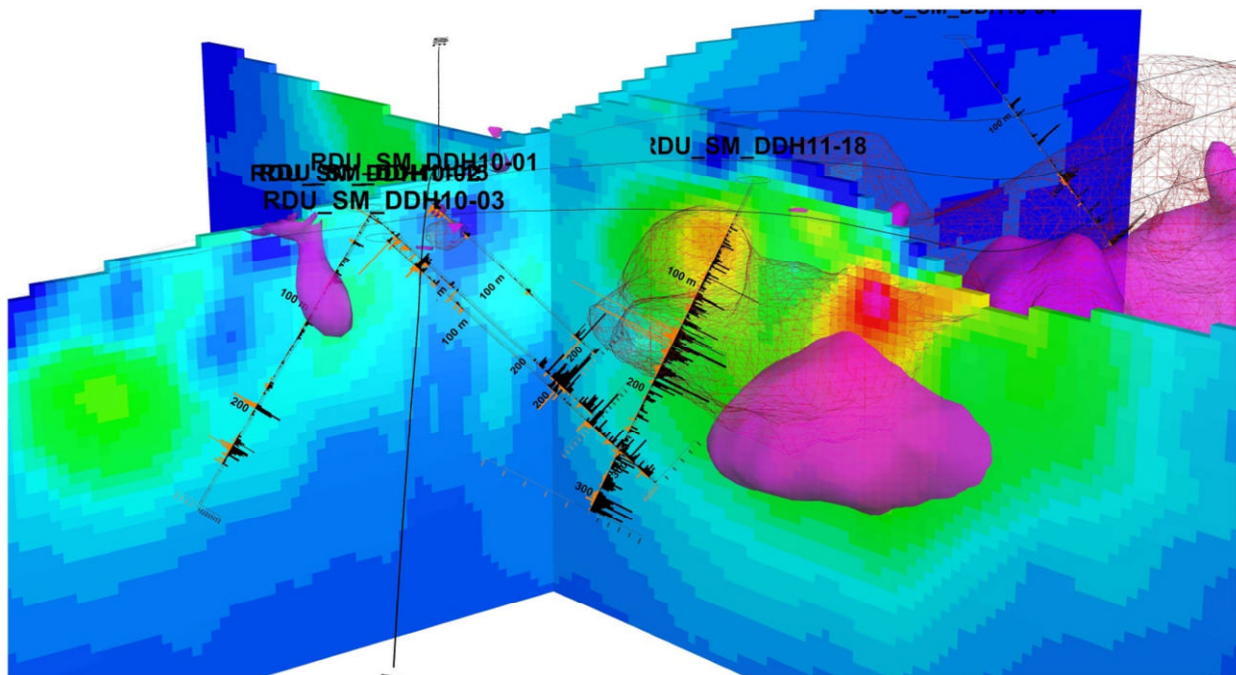


Figure 5-2 Southeast of the main chargeable zone where drillholes are concentrated. Chargeability (wiremesh) and conductivity isosurfaces of 30 mV/V and 10 mS/m are plotted. The cross sections show the chargeability voxel, As values (black) and Au values (orange) are plotted beside the hole traces. View inclination is 15° and view declination is 220°.

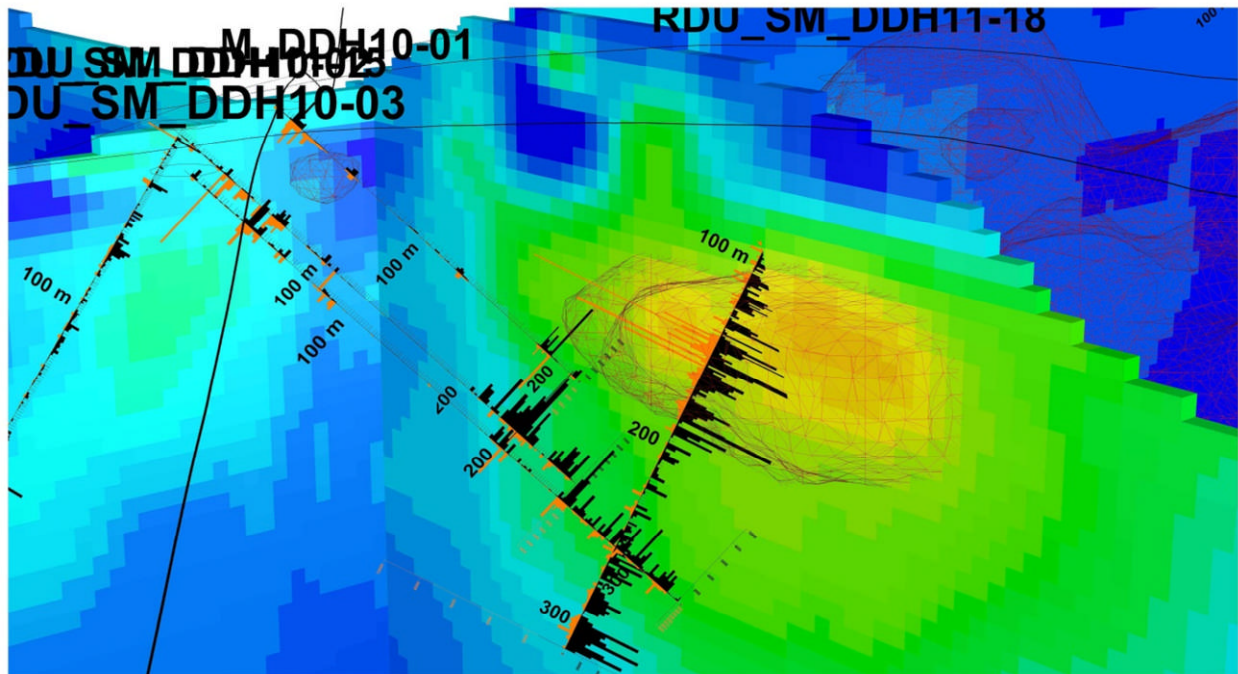


Figure 5-3 Focus on DDH11-18, chargeability isosurface (wiremesh) of 30 mV/V is plotted and a cross sections of the chargeability voxel, As values (black) and Au values (orange) are plotted beside the hole traces. View inclination is 15° and view declination is 220°.

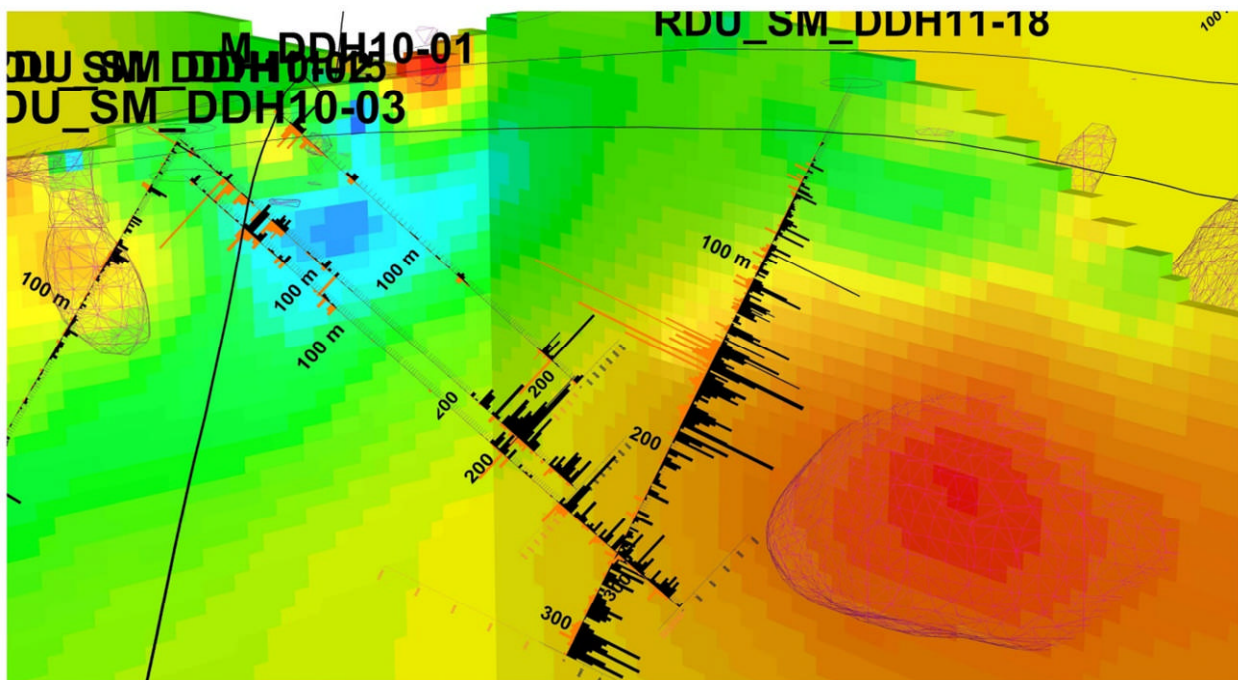


Figure 5-4 Focus on DDH11-18, conductivity isosurface (wiremesh) of 10 mS/m is plotted and a cross section of the conductivity voxel, As values (black) and Au values (orange) are plotted beside the hole traces. View inclination is 15° and view declination is 220°.

5.4 Recommendations

The table below shows the collar and survey of the recommended drillholes in order of priority.

Hole_ID	Easting	Northing	Elevation	Azimuth	DIP	TD	Priority
Proposed_1	506400	7097197	1049	110	-62	300	1
Proposed_2	506387	7097304	1023	110	-62	300	2
Proposed_3	506011	7097568	1101	290	-62	300	3
Proposed_4	506138	7097388	1062	290	-62	300	4

The best results to date in the Kennecott Trench Zone are from DDH11-18 where the gold mineralization occurs at the margin of a chargeable zone which is offset from a conductive zone. If this margin represents a contact which acted as a fluid conduit, results from DDH11-18 suggest that conditions were favorable for precipitation of gold within the quartz-rich unit adjacent to this conduit. Hole *Proposed_1*, which is a similar distance from the chargeable and conductive contacts as DDH11-18, is therefore a prospective target for similar gold values. The zone closer to the inferred contact is tested by hole *Proposed_2*; these are shown in Figure 5-5. The extension of the 10 mS/m conductivity isosurface is coincident with the edge of the topographic gully, further suggesting that this represents a contact or thrust plane consistent with a fluid conduit.

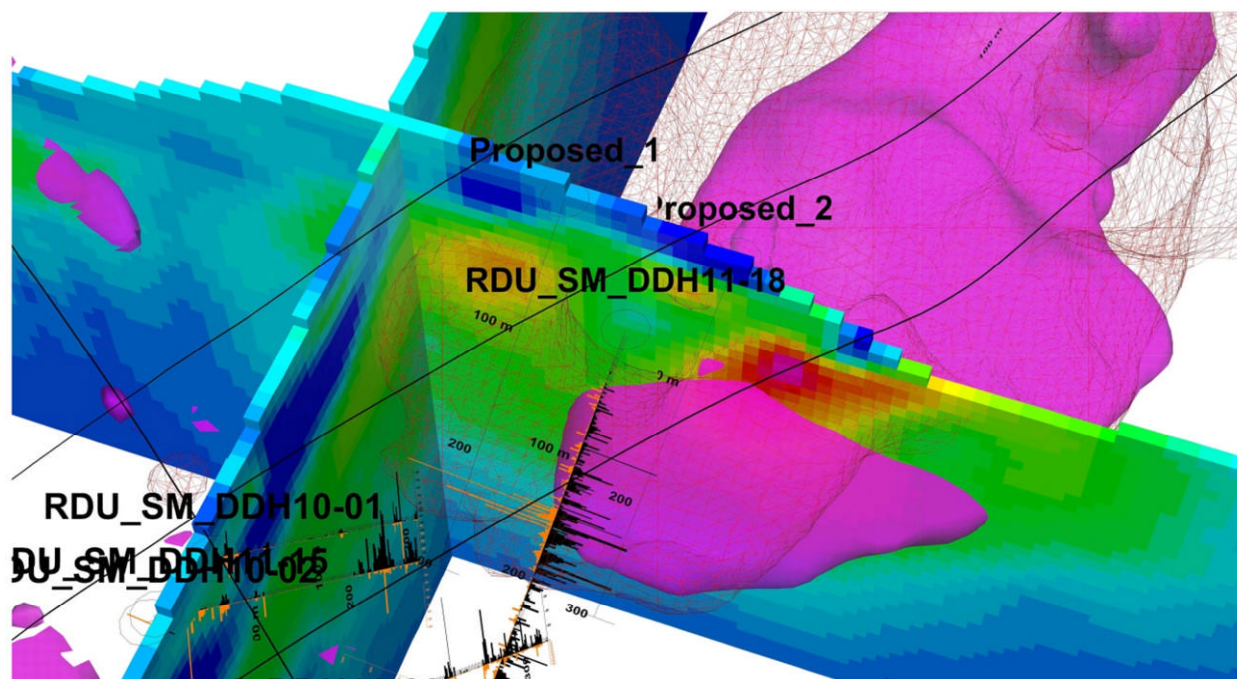


Figure 5-5 Proposed holes 1 & 2. Chargeability (wiremesh) and conductivity isosurfaces of 30 mV/V and 10 mS/m are plotted. The cross sections show the chargeability voxel, As values (black) and Au values (orange) are plotted beside the hole traces. View inclination is 55° and view declination is 250°.

Although the focus of exploration has been on the quartz-rich schists and quartzites on the southeastern portion of the grid, DDH11-19 intersected several significant gold intervals (up to 4.4 ppm) and extensive elevated arsenic. Additionally DDH10-04 had anomalous gold and arsenic. Therefore, although not the primary target, the schists to the northwest have shown potential to host significant gold mineralization and should not be ignored. The IP / resistivity models are consistent with the results from DH10-04, but DDH11-19 remains enigmatic with respect to the geophysical results. However, as was the case in DDH11-18, the highest gold values appear to be on the margins of high chargeabilities. Therefore, hole *Proposed_3* is designed to test the margin of the local chargeability high across the dominant dip of the geology. Hole *Proposed_4* is designed to test both the high chargeability and the high conductivity zones, but this may be very similar to DDH10-04 which was not covered by the 2011 geophysical survey. Figure 5-6 shows these two proposed holes.

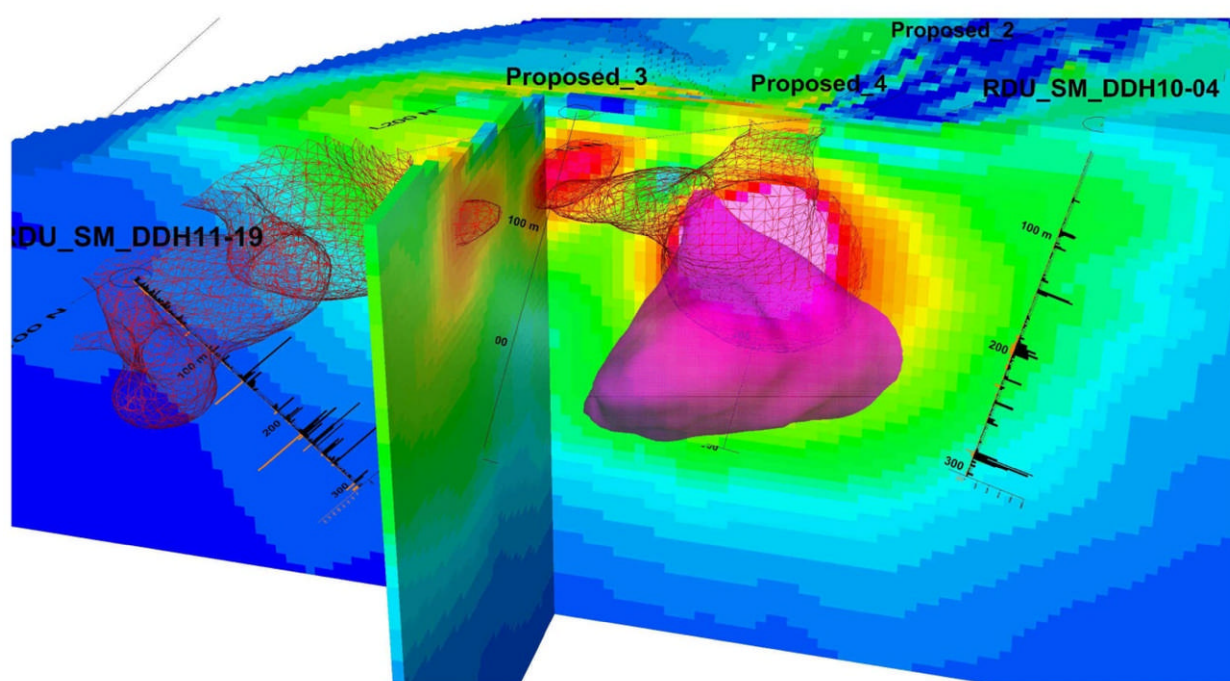


Figure 5-6 Proposed holes 3 & 4. Chargeability (wiremesh) and conductivity isosurfaces of 50 mV/V and 10 mS/m are plotted. The cross sections show the chargeability voxel, As values (black) and Au values (orange) are plotted beside the hole traces. View inclination is 30° and view declination is 75°.

The areal coverage of the 2011 IP-resistivity survey was small; the survey was designed to only test the efficacy of the method at the Kennecott Trench Zone. Although not strongly conclusive, the limited drill control suggests that the method can guide future drilling and an expansion of the survey is recommended. The narrow features in the southeast may play a role in the mineralizing system, but it appears that proximity to the larger features to the northwest are more important in controlling gold mineralization and as such a n=10, 50 metre dipole survey would satisfy the depth and resolution requirements and result in increased production and therefore lower survey costs.

5.5 Products

The following files are included with the digital version of this report

<i>\UBC</i>	Final UBC models with mesh file
<i>\3D PDF</i>	3D PDFs of all Figures. With an appropriate PDF reader, displayed layers can be chose and the figures can be rotated by the user.
<i>\DXF</i>	Selected isosurfaces of final models in DXF format
<i>\Voxel</i>	Final models in Geosoft voxel format
<i>\Geosoft map</i>	A packed Geosoft map which can be viewed with the freely available Geosoft viewer.
<i>\Pred vs Obs</i>	PDF of predicted vs observed Stacked sections

6 SUMMARY & RECOMMENDATIONS

The results suggest that the margins chargeability / conductivity highs represent a contact which acted as a fluid conduit and that conditions were favorable for precipitation of gold within the quartz-rich unit adjacent to this conduit. This result is most strongly supported at Kennecott Trench where there is the most drill control, but the results are consistent with the limited data at the Miller Creek and Layfield grids. Several holes are recommended to test this in Sections 4.2.2 and 5.4.

Additionally, although the focus of exploration has been on the quartz-rich schists and quartzites on the southeastern portion of the Kennecott Trench, Miller Creek and Layfield grids, there has been significant gold intervals (up to 4.4 ppm) and extensive elevated arsenic in the schists to the northwest. Several holes are recommended to test this in Sections 4.2.2 and 5.4.

The limited drill control suggests that the IP method can guide future drilling and an expansion of the survey is recommended at the Kennecott Trench, Miller Creek and Layfield zones if warranted by favorable drill results. A n=10, 50 metre dipole survey would satisfy the depth and resolution requirements and result in increased production and therefore lower survey costs.

There has been limited work done at the Chalach grid, but the IP-resistivity shows an area of moderate, but elevated chargeability within the central area bounded by resistivity lows and centered on the gold-in-soil anomaly and favorable RAB drilling results. It is recommended that the chargeability highs be drill tested and the IP-resistivity grid be infilled and extended if warranted by favorable drill results.

The ELF-EM performed well compared to the CSAMT survey. With no cut-lines required and a 2 person crew able to collect approximately 2.5 line-km daily, the ELF-EM offers a cost-effective, deep-EM alternative.

Dave Hildes, P.Geo., Ph.D.
Geophysics Project Manager - Whitehorse
Aurora Geosciences Ltd.

APPENDIX B

MDRU, Memo

Controls on Orogenic Veining in the Sixtymile

Yukon Gold Project

www.mdru.ubc.ca



Date: August 23, 2011

MEMO

From: Murray Allan

To: Simon Ridgway, Dave Clark, Roger Hulstein

Cc: Jim Mortensen, Craig Hart

Re: Controls on orogenic gold veining in the Sixtymile

1 INTRODUCTION

This memo summarizes geologic observations made by M. Allan during relogging of holes RDU-SM-DDH-10-01 and -02 from the KEX trench area (ridge between Miller and Bedrock Creek) on RDU's Sixtymile property. These holes lie in a fence oriented 110°, each with an azimuth of 290° and dip of -45°. Drill holes DDH-10-01 and -02 were collared approximately 50m apart, and drilled to 214.88m and 287.73m, respectively. Particular attention was paid during relogging to variations in primary lithology, alteration, veining, and structures, especially as they relate to zones of anomalous gold.

2 DRILL HOLE OBSERVATIONS

2.1 LITHOLOGY

Drill holes DDH-10-01 and -02 intersect two main rock types. The main unit is a quartz-feldspar-biotite ± muscovite schist. Centimeter-scale compositional banding reflecting variations in mica content likely reflect transposed bedding in a sedimentary protolith. A variant of this rock type containing feldspar augen (2-4mm) is more compositionally homogeneous, and more likely to reflect an igneous protolith. However, the contacts between such lithologic changes were deemed both too frequent and too indistinct to warrant a more detailed classification scheme.

The second major rock type is a chlorite-biotite schist, containing up to 2% porphyroblastic pyrite. This schist is distinguished from the felsic schist by its greater mica content, more mafic composition, and much more variable foliation.

Drillholes DDH-10-01 and -02 are each dominated by felsic schist, but each intersects two 25-40m thick, gently SE-dipping panels of chlorite-biotite schist (Fig. 1).

2.2 STRUCTURE

The dominant metamorphic foliation (S_2 fabric) dips moderately to the SE. Rare isoclinal fold hinges intersected in drill core, in which the axial plane is consistent with the orientation of the limbs, are interpreted as D_2 folds. Regionally, more micaceous lithologies may exhibit D_3 crenulations with axial planes at an angle to the main S_2 fabric, although this was not specifically observed in DDH-10-01 or -02.

A yet later ductile-to-brittle deformation style (D_4) is manifested as widely spaced kink folds and conjugate fracture/vein sets (Fig. 3-7). Many kink folds themselves appear to have evolved into quartz $\pm$ sulphide veins, and are observed as veins with a ductile deflection of the metamorphic fabric at the vein margin (Fig. 3). Later stage tensile fractures and jogs are common, and in many cases are filled with kaolinite $\pm$ dickite (Figs. 8-9). The timing of these features is not well understood.

The D_1 - D_4 structural model developed for the Klondike (MacKenzie et al., 2008), and since applied to the White Gold area (MacKenzie and Craw, 2010), also appears to be robust in the Sixtymile District.

2.3 ALTERATION

The felsic schist is affected by strong to weak silicification and sericite (after biotite) alteration. In general, alteration appears more strongly developed immediately below contacts with the chlorite-biotite schist (Fig. 1).

The chlorite-biotite schist is also affected locally by silicification and sericitic alteration of mafic minerals. This unit is also affected locally by a distinctive purplish hematitic dusting, minor blue-green mica/clay alteration (fuchsite?), and ferroan-carbonate alteration associated with veinlets of the same mineralogy. The overall alteration style observed in the more mafic schist can be loosely described as “listwanite” (silica-ferroan carbonate-fuchsite) alteration, although an ultramafic protolith is not implied.

2.4 VEINING

Five main vein styles were observed in DDH-10-01 and -02, in the following paragenetic order:

- (1) quartz-only veins; parallel to metamorphic foliation; commonly boudinaged;
- (2) quartz-pyrite-carbonate $\pm$ scheelite-arsenopyrite-sphalerite veins; discordant to metamorphic foliation; planar to highly irregular in shape; more common in felsic schist;
- (3) pyrite-only veinlets; commonly observed in core as goethitic fractures; occurs as swarms of irregular hairline veinlets;
- (4) ferroan carbonate veinlets; most common in chlorite-biotite schist;
- (5) kaolinite ($\pm$ dickite?) veinlets; occur exclusively in dilatational structures; rarely occupying pore space in quartz-pyrite-carbonate veins; clearly cross-cut ferroan carbonate veinlets

The quartz-pyrite-carbonate veins are oriented 0 to 45° with respect to the core axis. Detailed trench mapping in the Layfield trenches (Fig. 2) reveals that similar styles of veins occur in conjugate sets oriented ~350-000°N and ~010-025°N, and are dominantly steeply dipping. It is therefore likely that veins intersecting the core axis at 45° in DDH-10-01 and -02 on the KEX trench side of Miller Creek are dipping subvertically, as opposed to subhorizontally.

3 CONTROLS ON GOLD GRADE

There appears to be no single, obvious feature that controls gold (and arsenic) grade, but the following do appear to have some bearing on mineralization:

- D₄ structures, especially those defined by:
 - high sulphide content
 - discordant quartz veins
- Zones of silicification and sericitization
- presence of felsic schist as host rock

It appears highly likely that discordant D₄ structures, either occupied by quartz-sulphide-carbonate veins, swarms of pyritic veinlets, or both, are responsible for carrying the gold grade in the KEX trench area. However, since initial petrographic investigations by F. Colombo and M. Allan have failed to reveal any gold in thin section, additional work would be required to confirm the gold paragenesis and help build more specific parameters for predicting Au grade.

Host rock reactivity does not appear to be an especially important control on orogenic mineralization in the Sixtymile District. In Miller and Bedrock Creek, placer gold with a strong orogenic microchemical signature (work by Chapman and Mortensen) is found well upstream of the mixed rock package encountered in the KEX and Layfield areas, in spite of the fact that the main rock type is unreactive quartzite. Streambed boulders of discordant quartz veins with sulphide- and ferroan carbonate-rich selvages hosted in nearly pure quartzite are common, and are the most likely source of gold in the adjacent placer workings.

4 IMPLICATIONS FOR EXPLORATION

The observation that mineralization is largely confined to more felsic lithologies may suggest a broad-scale lithologic control on mineralization in the KEX trench area. This phenomenon may arise because the felsic schist, with its lower mica content, is prone to brittle D₄ deformation and therefore fracture-filling mineralization. In contrast, the more mafic, micaceous lithology is more likely to deform in a ductile manner under the same stress regime, and fail to sustain the open fracture network required for efficient precipitation of sulphides and gold.

Based on the evidence for a first-order lithologic control on mineralization, a quite reasonable exploration strategy in the KEX or Layfield area is to target felsic rock types (for which there is direct evidence for higher fracture/vein density). Drilling down-dip within panels of felsic schist known to host

anomalous gold would help determine both the down-dip continuity of mineralization and also the frequency of discordant D₄ vein features that appear to be influencing grade.

5 REFERENCES

- MacKenzie, D., Craw, D., Mortensen, J., 2008. Structural controls on orogenic gold mineralisation in the Klondike goldfield, Canada. *Mineralium Deposita*, 43(4): 435-448.
- MacKenzie, D.J., Craw, D., 2010. Structural controls on hydrothermal gold mineralization in the White River area, Yukon. *Yukon Exploration and Geology*: 253-263.

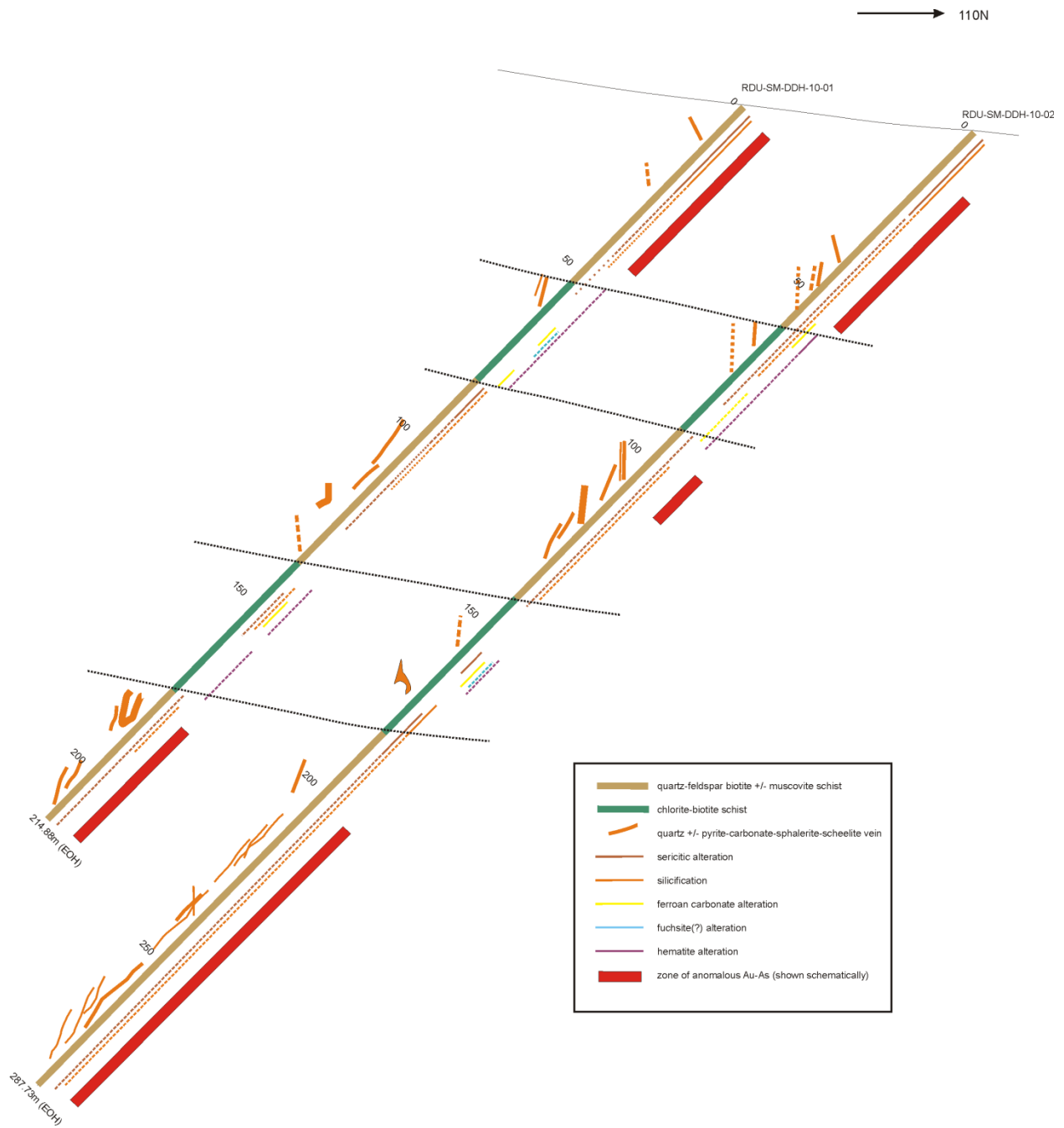


Figure 1. Illustrative cross-section log through holes RDU-SM-DDH-10-01 and -02. Note the coincidence between the location of anomalous Au and As (red bars) with the felsic schist unit (brown), as well as the frequency of quartz veining, and quartz-sericitic alteration.

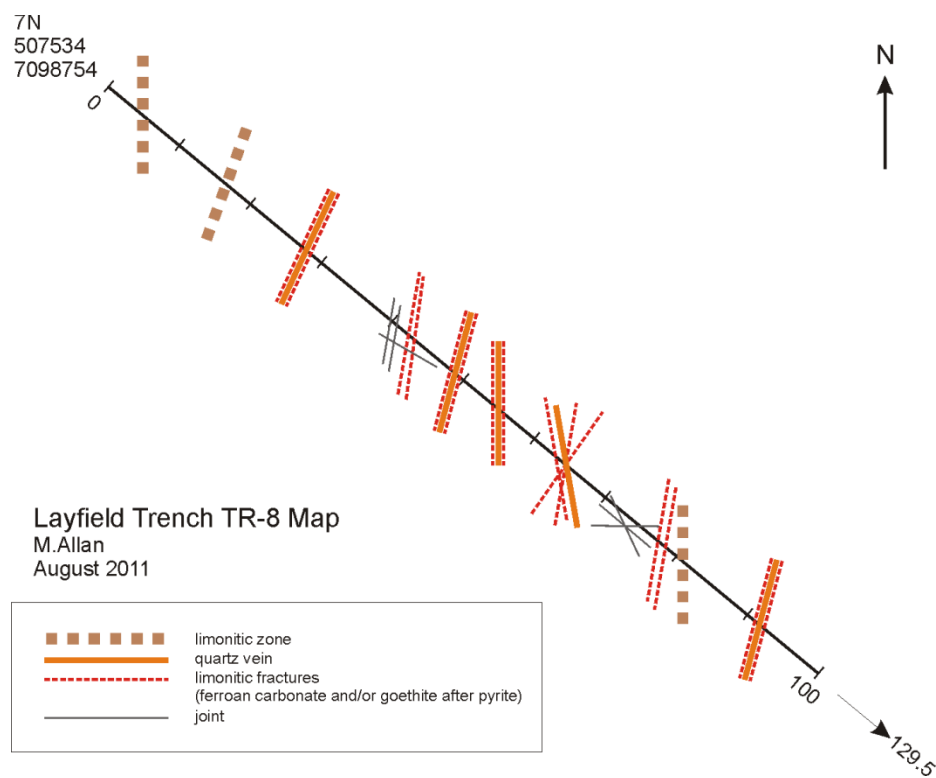


Figure 2. Trench map of TR-8 from the Layfield area. The host rock throughout the trench is a strongly foliated, gently SE-dipping muscovite-andalusite-cordierite schist.



Figure3 (DDH-10-01, 130.6m) Typical D_4 kink fold in biotite schist, with a conjugate structure occupied by quartz.



Figure 4. (DDH-10-02, 48.5m) D₄-related zone of silicification and pyrite veinlets cutting biotite schist. Several similar features were observed in this anomalous interval (0.6 g/t Au).

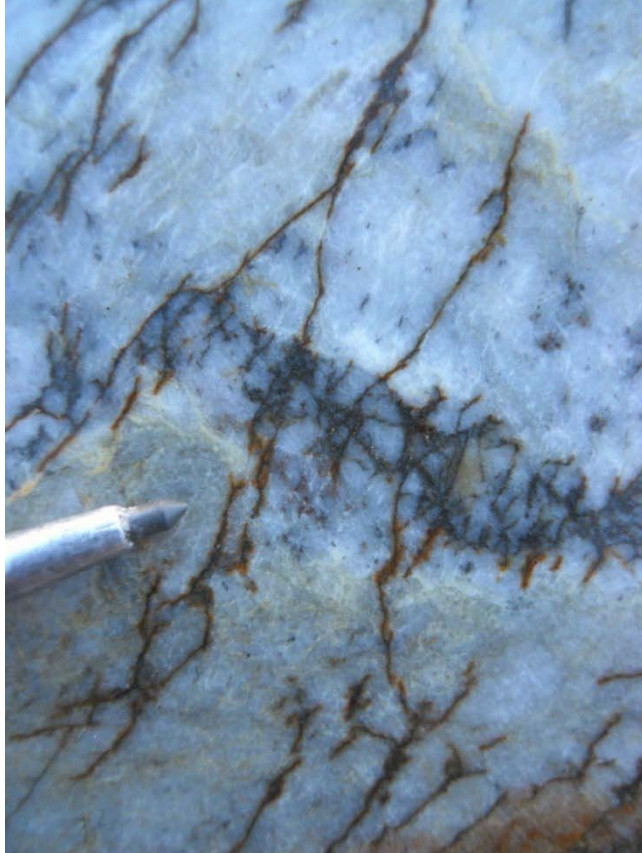


Figure 5 (DDH-10-01, 21.6m) Potential micro-scale model for lithological/rheological control on discordant vein density. The quartz-only layer in the middle of the photograph has much greater fracture density than the surrounding rock mass. This sample is from an interval running 0.55g/t Au.



Figure 6 (DDH-10-01, 195.1m) D₄-related quartz-pyrite-sphalerite-arsenopyrite-scheelite-carbonate vein from an interval running 2.4g/t Au.



Figure 7. (DDH-10-02, 216.5m) Discordant D₄ quartz vein cut by late-generation pyritic veinlets.



Figure 8 (DDH-10-02, 168.6m). D₂ fold in felsic schist. Not tan-coloured sericitic alteration of biotite. Note white kaolinite filling late tensile fractures.



Figure 9 (DDH-10-02, 204.7m) D₄ kink zone with en echelon tensile partings filled with kaolinite (confirmed by Terraspec, D.Clark)

APPENDIX C

DIAMOND DRILL LOGS

DDH11-15, 18, 19 and 20



Detailed Log Report
Hole Number RDU_SM_DDH11-15

Project		Coordinates		Collar	
Project Name:	Sixty Mile	Primary Coordinates Grid:	UTM83-7	Collar Dip:	-57.00
Project Code:	YK_SM	North:	7,097,076.00	Collar Az:	110.00
Location:	Kennecott Trench Zone	East:	506,727.00	Length:	289.56
Start Date:	11-08-24 3:15:00PM	Elev:	1,009.00	Hole Size:	HTW
Completed Date:	11-09-01 12:00:00AM	Log by (1)	Ahmad Mumin	Hole Type:	DD
Contractor:		Depth Log (1)		Casing:	Pulled
Units:	METRIC	Log by (2)		Company Name:	RDU
		Depth Log (2)			

Comments:

Click to expand [Summary Log Report](#)

Detailed Lithology																
From	To	Lithology	Samples Details													
0.00	7.01	OVB, Overburden	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:																
INTERVALS DETAILS:																

Click to expand [Summary Log Report](#)

FromToLithology			Samples Details													
7.01	289.56	MCS, Muscovite Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Muscovite Quartz Schist. F.g. muscovite with m.g.-c.g. quartz ± feldspar. Strongly foliated, with crenulation cleavage.				RDU_SM_613001	7.01	7.82	ASSAY	59.00		409.90	40.60	61.00	14.70	0.80	0.20	0.03
INTERVALS DETAILS:				RDU_SM_613002	7.82	8.53	ASSAY	1,555.00		2,667.80	163.30	89.00	14.20	0.40	0.30	0.09
Colour				RDU_SM_613003	8.53	9.54	ASSAY	35.00		129.60	20.30	8.00	3.60	0.10	0.05	0.03
7.01	51.00	Dominant: 10 R 6/6		RDU_SM_613004	9.54	10.50	ASSAY	7.00		9.00	6.30	8.00	1.80	0.20	0.05	0.03
				RDU_SM_613005	10.50	11.58	ASSAY	7.00		178.20	9.60	9.00	3.10	0.30	0.05	0.03
51.00	61.56	Dominant: N 7		RDU_SM_613006	11.58	12.52	ASSAY	59.00		486.30	8.00	9.00	2.90	0.20	0.05	0.03
				RDU_SM_613007	12.52	13.50	ASSAY	1.00		5.30	4.00	6.00	4.10	0.20	0.05	0.03
73.55	105.05	Dominant: N 7		RDU_SM_613008	13.50	14.50	ASSAY	1.00		4.90	3.30	7.00	4.20	0.30	0.05	0.03
				RDU_SM_613009	14.50	15.54	ASSAY	45.00		111.50	2.40	5.00	3.40	0.30	0.05	0.03
105.05	108.90	Dominant: N 7 Secondary: 10 YR 6/2		RDU_SM_613010	15.54	16.50	ASSAY	7.00		51.40	3.50	6.00	3.40	0.40	0.10	0.03
				RDU_SM_613012	16.50	17.00	ASSAY	185.00		310.40	30.00	7.00	4.30	0.30	0.20	0.07
108.90	111.76	Dominant: N 7		RDU_SM_613013	17.00	17.50	ASSAY	36.00		140.10	7.80	7.00	5.00	0.50	0.10	0.11
				RDU_SM_613014	17.50	18.52	ASSAY	5.00		6.90	3.30	5.00	2.70	0.40	0.05	0.03
111.76	114.59	Dominant: N 9		RDU_SM_613015	18.52	19.50	ASSAY	18.00		118.30	5.30	5.00	2.40	0.30	0.05	0.03
				RDU_SM_613016	19.50	20.51	ASSAY	117.00		26.40	8.50	6.00	3.60	0.30	0.05	0.03
114.59	116.14	Dominant: 5 YR 3/2		RDU_SM_613017	20.51	21.17	ASSAY	1.00		27.30	5.90	5.00	3.80	0.40	0.05	0.03
				RDU_SM_613018	21.17	21.59	ASSAY	3.00		51.40	16.40	7.00	4.00	0.40	0.05	0.06
116.14	135.89	Dominant: N 7		RDU_SM_613019	21.59	22.57	ASSAY	43.00		8.70	4.30	6.00	4.70	1.00	0.05	0.03
				RDU_SM_613020	22.57	23.39	ASSAY	14.00		57.10	6.80	5.00	6.40	3.80	0.20	0.03
135.89	141.30	Dominant: 5 YR 3/2		RDU_SM_613022	23.39	24.38	ASSAY	57.00		388.70	11.80	7.00	3.90	0.30	0.20	0.11
				RDU_SM_613023	24.38	25.37	ASSAY	1.00		2.90	5.20	5.00	4.70	20.00	0.20	0.03
141.30	289.56	Dominant: 10 Y 8/2		RDU_SM_613024	25.37	26.42	ASSAY	8.00		43.80	8.50	4.00	3.70	47.50	0.10	0.03
				RDU_SM_613025	26.42	27.43	ASSAY	36.00		93.00	5.40	16.00	5.50	1.70	0.20	0.03
				RDU_SM_613026	27.43	28.45	ASSAY	4.00		22.10	21.90	63.00	9.80	0.90	0.60	0.08
				RDU_SM_613027	28.45	29.37	ASSAY	1.00		3.20	24.60	71.00	9.30	0.20	0.30	0.09
				RDU_SM_613028	29.37	30.28	ASSAY	1.00		3.80	30.50	24.00	7.70	0.20	0.30	0.06
				RDU_SM_613029	30.28	30.87	ASSAY	3.00		4.60	28.50	38.00	10.50	0.40	0.30	0.10
Texture				RDU_SM_613030	30.87	31.94	ASSAY	16.00		147.10	23.50	18.00	7.40	0.10	0.20	0.09
7.01	61.56	schistose		RDU_SM_613032	31.94	33.00	FieldDup	253.00		1,565.90	30.50	69.00	6.60	0.20	0.30	0.15
				RDU_SM_613031	31.94	33.00	ASSAY	403.00		1,851.00	28.80	70.00	6.60	0.30	0.40	0.14
61.56	73.55	brecciated		RDU_SM_613033	33.00	34.00	ASSAY	382.00		1,303.20	20.50	66.00	8.00	0.60	0.30	0.11
				RDU_SM_613034	34.00	35.00	ASSAY	85.00		330.60	37.80	99.00	8.30	0.40	0.60	0.16
73.55	105.05	schistose		RDU_SM_613035	35.00	36.00	ASSAY	3.00		12.50	18.10	24.00	6.50	0.20	0.50	0.23
				RDU_SM_613036	36.00	37.00	ASSAY	7.00		106.60	16.20	9.00	7.90	0.30	0.30	0.19
105.05	108.90	fragmental		RDU_SM_613037	37.00	38.00	ASSAY	10.00		12.90	4.90	4.00	6.50	0.20	0.20	0.17
				RDU_SM_613038	38.00	39.00	ASSAY	20.00		7.90	3.50	6.00	6.80	0.20	0.20	0.09
108.90	111.76	schistose		RDU_SM_613039	39.00	40.00	ASSAY	16.00		3.30	4.10	5.00	5.90	0.30	0.20	0.14
				RDU_SM_613040	40.00	41.00	ASSAY	3.00		6.70	4.60	7.00	6.70	0.10	0.20	0.18
111.76	114.59	brecciated Comment: Powdery fault gouge.		RDU_SM_613041	41.00	42.00	ASSAY	3.00		20.60	8.00	13.00	5.20	1.00	0.10	0.10
				RDU_SM_613042	42.00	43.00	ASSAY	2.00		7.20	5.00	9.00	3.10	0.20	0.05	0.06

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114.59	116.14	schistose	RDU_SM_613043	43.00	44.00	ASSAY	1.00	6.90	7.10	13.00	3.50	0.20	0.05	0.03
116.14	135.89	brecciated	RDU_SM_613044	44.00	45.00	ASSAY	11.00	163.10	13.20	34.00	3.70	0.20	0.10	0.03
			RDU_SM_613045	45.00	46.00	ASSAY	3.00	48.70	4.60	8.00	5.90	0.60	0.05	0.05
135.89	141.30	schistose	RDU_SM_613047	46.00	47.00	ASSAY	9.00	97.90	5.20	9.00	4.80	0.40	0.10	0.09
			RDU_SM_613048	47.00	48.00	ASSAY	5.00	3.60	9.40	11.00	7.90	0.30	0.20	0.15
141.30	289.56	schistose	RDU_SM_613049	48.00	49.34	ASSAY	51.00	988.30	32.60	70.00	36.10	0.20	0.50	0.40
			RDU_SM_613050	49.34	50.10	ASSAY	5.00	101.30	23.90	57.00	35.70	1.10	0.60	0.10
Mineral			RDU_SM_613051	50.10	51.00	ASSAY	49.00	966.80	74.70	160.00	38.20	1.40	0.90	0.61
7.01	61.56	0.3pyrite Fine-grained Subhedral	RDU_SM_613052	51.00	52.00	ASSAY	29.00	88.10	28.40	55.00	28.00	0.20	1.10	0.51
17.08	17.33	1pyrite Very fine-grained Subhedral	RDU_SM_613053	52.00	53.00	ASSAY	26.00	584.90	46.90	74.00	26.00	0.30	0.90	0.36
			RDU_SM_613054	53.00	54.50	ASSAY	5.00	95.50	28.20	46.00	19.80	0.40	0.60	0.28
30.87	31.94	1pyrite Very fine-grained Subhedral	RDU_SM_613055	54.50	56.00	ASSAY	14.00	637.30	90.10	109.00	23.80	0.70	0.60	0.48
			RDU_SM_613057	56.00	57.50	ASSAY	52.00	208.70	104.90	105.00	10.20	78.50	0.30	0.22
61.56	73.55	0.5pyrite Very fine-grained Subhedral Comment: Stringers and blebs.	RDU_SM_613058	57.50	59.00	ASSAY	1.00	20.70	36.00	56.00	10.60	44.70	0.10	0.14
			RDU_SM_613059	59.00	60.50	ASSAY	7.00	20.00	21.00	33.00	15.10	5.10	0.20	0.33
73.55	105.05	0.3pyrite Very fine-grained Subhedral	RDU_SM_613060	60.50	61.56	ASSAY	12.00	338.00	26.00	36.00	16.40	0.30	0.30	0.09
			RDU_SM_613061	61.56	62.62	ASSAY	17.00	436.50	73.60	64.00	28.50	0.20	1.10	0.28
105.05	108.90	0.1galena Medium-grained Subhedral	RDU_SM_613062	62.62	63.98	ASSAY	87.00	1,175.60	52.30	86.00	36.10	1.10	1.10	0.24
			RDU_SM_613063	63.98	65.00	ASSAY	14.00	177.60	19.30	24.00	11.90	0.20	0.30	0.36
105.05	108.90	0.5pyrite Medium-grained Euhedral Comment: + Dissem.	RDU_SM_613064	65.00	66.00	ASSAY	22.00	796.30	18.20	50.00	16.70	0.20	0.20	0.73
			RDU_SM_613065	66.00	67.50	ASSAY	25.00	706.50	25.50	49.00	17.00	0.10	0.30	0.65
108.90	111.76	0.5arsenopyrite Fine-grained	RDU_SM_613066	67.50	69.00	ASSAY	110.00	1,853.20	51.80	62.00	11.10	0.05	0.90	0.26
			RDU_SM_613067	67.50	69.00	FieldDup	96.00	1,157.80	45.10	58.00	10.50	0.05	0.70	0.19
111.76	114.59	0.5arsenopyrite Medium-grained Euhedral	RDU_SM_613068	69.00	70.50	ASSAY	123.00	1,439.70	33.40	130.00	19.00	0.10	0.70	0.43
			RDU_SM_613069	70.50	72.00	ASSAY	105.00	1,139.50	26.40	45.00	24.70	0.30	0.30	0.27
111.76	114.59	0.5pyrite Fine-grained Euhedral	RDU_SM_613070	72.00	73.55	ASSAY	75.00	330.70	26.70	102.00	11.50	0.50	0.70	0.52
			RDU_SM_613071	73.55	75.00	ASSAY	90.00	493.80	8.50	8.00	4.90	0.05	0.30	0.23
114.59	116.14	0.5pyrite Very fine-grained Subhedral	RDU_SM_613072	75.00	76.20	ASSAY	80.00	198.30	4.70	5.00	6.40	0.10	0.30	0.29
			RDU_SM_613073	76.20	77.34	ASSAY	105.00	150.20	9.10	6.00	4.40	2.70	0.30	0.21
134.31	135.60	25kaolinite Very fine-grained Anhedral	RDU_SM_613074	77.34	78.47	ASSAY	20.00	260.50	6.50	5.00	6.30	2.90	0.20	0.22
			RDU_SM_613075	78.47	79.58	ASSAY	149.00	169.20	10.00	11.00	5.10	0.80	0.20	0.20
135.89	141.30	0.5pyrite Very fine-grained Subhedral	RDU_SM_613076	79.58	80.16	ASSAY	40.00	92.90	7.10	4.00	5.10	3.60	0.20	0.18
			RDU_SM_613077	80.16	81.00	ASSAY	5.00	7.90	7.50	5.00	5.70	1.90	0.20	0.31
141.30	289.56	0.3pyrite Very fine-grained Subhedral	RDU_SM_613078	81.00	82.50	ASSAY	31.00	188.40	12.70	4.00	5.90	0.20	0.10	0.25
			RDU_SM_613079	82.50	84.00	ASSAY	108.00	338.80	13.70	6.00	8.00	0.50	0.30	0.35
171.39	178.25	2pyrite Very fine-grained Subhedral	RDU_SM_613080	84.00	85.50	ASSAY	1.00	3.80	9.60	7.00	5.70	2.30	0.40	0.26
			RDU_SM_613081	85.50	87.00	ASSAY	7.00	18.20	11.10	12.00	5.30	2.40	0.50	0.23
171.39	178.25	1pyrrhotite Fine-grained Subhedral	RDU_SM_613083	87.00	87.89	ASSAY	10.00	55.20	14.50	22.00	7.10	1.90	0.60	0.35
			RDU_SM_613084	87.89	89.00	ASSAY	8.00	24.50	10.10	6.00	5.10	6.30	0.20	0.24
189.59	191.90	0.5covellite Fine-grained Subhedral	RDU_SM_613085	89.00	90.50	ASSAY	9.00	17.90	12.70	8.00	4.20	5.10	0.30	0.19
			RDU_SM_613086	90.50	92.00	ASSAY	35.00	198.80	11.40	6.00	5.30	5.40	0.20	0.21
193.66	208.51	0.5arsenopyrite Medium-grained Euhedral	RDU_SM_613087	92.00	93.50	ASSAY	63.00	85.50	12.30	8.00	7.50	0.70	0.10	0.34

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From	To	Lithology	Samples Details											
218.82	242.52	2arsenopyrite Coarse-grained Euhedral	RDU_SM_613088	93.50	95.00	ASSAY	33.00	177.20	10.30	6.00	6.00	1.20	0.10	0.25
			RDU_SM_613089	95.00	96.50	ASSAY	11.00	55.30	20.90	7.00	9.50	1.00	0.20	0.38
218.82	242.52	1pyrite Very fine-grained Subhedral	RDU_SM_613090	96.50	97.70	ASSAY	81.00	494.50	5.90	15.00	11.00	0.80	0.30	0.50
			RDU_SM_613091	97.70	98.42	ASSAY	6.00	152.10	115.70	111.00	22.10	0.60	0.30	0.25
229.38	229.40	0.1visible gold Fine-grained Anhedral Comment: 2 2-3mm specs in 2cm folioform quartz vein.	RDU_SM_613093	98.42	99.23	ASSAY	31.00	258.60	120.30	173.00	11.40	0.40	0.70	0.51
			RDU_SM_613094	99.23	100.33	ASSAY	4.00	56.10	84.30	63.00	8.00	1.50	0.40	0.08
242.52	251.05	2arsenopyrite Coarse-grained Euhedral Comment: f.g. - c.g.	RDU_SM_613095	100.33	101.56	ASSAY	1.00	18.70	111.90	62.00	9.00	11.50	0.40	0.25
			RDU_SM_613096	101.56	103.00	ASSAY	1.00	36.50	84.10	57.00	29.90	0.10	0.50	0.81
242.52	251.05	1pyrite Very fine-grained Subhedral	RDU_SM_613097	103.00	104.50	ASSAY	14.00	225.40	17.60	16.00	7.30	0.20	0.20	0.15
			RDU_SM_613098	104.50	105.05	ASSAY	38.00	502.30	86.70	59.00	9.10	0.90	0.30	0.47
7.01	61.56	40-60% oxide Overprint 10 R 6/6 Level: 2	RDU_SM_613099	105.05	106.50	ASSAY	110.00	349.40	117.70	116.00	20.30	0.30	0.50	0.70
			RDU_SM_613100	106.50	107.25	ASSAY	32.00	304.80	45.00	17.00	9.50	0.10	0.20	0.28
7.01	61.56	60-80% silica Localized Level: 1	RDU_SM_613101	107.25	108.20	ASSAY	50.00	274.10	39.00	10.00	7.30	0.05	0.30	0.50
			RDU_SM_613102	108.20	108.90	ASSAY	35.00	213.80	69.40	10.00	7.90	0.05	0.30	0.51
30.87	31.94	80-100% silica Pervasive Level: 1 Comment: Strongly silicified zone. ~0.5-1% v.f.g. Py stringers.	RDU_SM_613103	108.20	108.90	FieldDup	41.00	222.30	76.30	9.00	8.60	0.05	0.30	0.55
			RDU_SM_613104	108.90	110.50	ASSAY	14.00	211.40	12.10	8.00	7.10	0.10	0.30	0.28
61.56	73.55	40-60% oxide Overprint 10 R 6/6 Level: 2	RDU_SM_613105	110.50	111.76	ASSAY	66.00	1,215.30	21.80	10.00	6.60	0.05	0.50	0.61
			RDU_SM_613106	111.76	113.00	ASSAY	53.00	501.70	132.50	138.00	25.90	15.50	0.40	0.44
87.89	95.40	0-20% chlorite Pervasive 10 Y 8/2 Level: 1	RDU_SM_613107	113.00	114.54	ASSAY	77.00	409.20	55.30	51.00	19.50	0.20	0.10	0.70
			RDU_SM_613108	114.54	116.00	ASSAY	5.00	34.40	22.80	40.00	30.20	0.80	0.10	0.28
105.05	108.90	40-60% oxide Overprint 10 YR 6/2 Level: 2	RDU_SM_613109	116.00	117.50	ASSAY	9.00	87.50	21.00	38.00	16.00	0.10	0.10	0.28
			RDU_SM_613110	117.50	119.00	ASSAY	129.00	489.60	141.10	142.00	15.20	0.70	0.10	0.30
171.39	178.25	80-100% silica Pervasive Level: 1	RDU_SM_613111	119.00	120.50	ASSAY	23.00	526.50	43.20	84.00	14.40	0.60	0.10	0.23
			RDU_SM_613112	120.50	122.00	ASSAY	19.00	346.40	11.70	59.00	10.20	0.30	0.20	0.11
193.66	208.51	60-80% silica Pervasive Level: 1	RDU_SM_613113	122.00	123.50	ASSAY	16.00	444.50	17.10	75.00	11.50	0.20	0.20	0.03
			RDU_SM_613114	123.50	125.00	ASSAY	1.00	295.70	9.70	43.00	7.80	0.30	0.05	0.03
208.51	242.52	60-80% sericite Pervasive 10 Y 8/2 Level: 1 Comment: Ser+Chl	RDU_SM_613115	125.00	126.50	ASSAY	10.00	617.50	33.10	88.00	66.20	0.20	0.05	0.16
			RDU_SM_613116	126.50	128.02	ASSAY	2.00	219.70	28.90	37.00	37.60	0.10	0.05	0.08
242.52	251.05	80-100% silica Pervasive Level: 1 Comment: Quartz veining/silica flooding with 1-3% Py+Asp., with Musc+Bio Schist. Qtz-veins up to 3.05m long.	RDU_SM_613118	128.02	129.50	ASSAY	4.00	59.20	16.10	15.00	4.90	0.10	0.05	0.03
			RDU_SM_613119	129.50	131.00	ASSAY	6.00	65.40	17.10	11.00	5.40	0.30	0.05	0.03
251.05	264.83	60-80% sericite Pervasive 10 Y 8/2 Level: 1 Comment: Ser+Chl	RDU_SM_613120	131.00	132.50	ASSAY	1.00	39.60	12.40	11.00	5.70	0.20	0.05	0.03
			RDU_SM_613121	132.50	133.66	ASSAY	1.00	20.00	16.60	12.00	5.10	0.10	0.05	0.06
266.55	275.66	20-40% oxide Pervasive 5 RP 4/2 Level: 2 Comment: Purple hem alt'n.	RDU_SM_613122	133.66	134.00	ASSAY	1.00	90.90	15.80	19.00	4.70	0.20	0.05	0.12
			RDU_SM_613123	134.00	135.26	ASSAY	110.00	134.90	15.10	24.00	4.00	0.20	0.05	0.06
275.66	288.04	80-100% sericite Pervasive 10 Y 8/2 Level: 1	RDU_SM_613124	135.26	135.81	ASSAY	9.00	169.70	48.60	70.00	12.40	0.10	0.05	0.15
			RDU_SM_613125	135.81	137.00	ASSAY	23.00	151.20	19.60	36.00	11.40	0.20	0.05	0.30
7.01	61.56	crenulation cleavage Moderate	RDU_SM_613126	137.00	138.00	ASSAY	6.00	56.40	37.10	51.00	11.90	0.20	0.05	0.10
			RDU_SM_613128	138.00	139.50	ASSAY	17.00	249.80	17.80	64.00	33.60	0.05	0.10	0.34
7.01	61.56	fracture 60 Deg to CA, Moderate	RDU_SM_613129	139.50	141.00	ASSAY	4.00	32.00	18.50	43.00	20.40	0.05	0.20	0.21
			RDU_SM_613130	141.00	142.16	ASSAY	29.00	106.30	29.00	76.00	8.70	0.40	0.10	0.13
7.01	61.56	fracture 30 Deg to CA, Moderate	RDU_SM_613131	142.16	142.66	ASSAY	1.00	1.90	9.20	14.00	5.50	0.50	0.05	0.03
			RDU_SM_613132	142.66	144.00	ASSAY	47.00	82.80	30.00	43.00	6.80	0.10	0.05	0.14

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7.01	61.56	vein 10 Deg to CA, Very weak	RDU_SM_613133	144.00	145.50	ASSAY	18.00	68.30	21.20	13.00	6.10	0.20	0.05	0.12
21.17	21.45	breccia Strong	RDU_SM_613134	145.50	147.00	ASSAY	10.00	9.00	17.00	11.00	5.50	0.80	0.05	0.10
		Comment: MCS frags in limonite matrix.	RDU_SM_613135	147.00	148.00	ASSAY	1.00	12.20	18.40	14.00	5.10	0.70	0.05	0.03
30.87	31.94	fracture 68 Deg to CA, Moderate	RDU_SM_613136	148.00	149.50	ASSAY	4.00	10.40	15.40	12.00	7.40	0.40	0.05	0.11
		Comment: Fractures @ 50°-86° to CA, mm scale displacement, v.f.g py+limonite along fractures.	RDU_SM_613137	149.50	151.00	ASSAY	31.00	211.30	18.50	57.00	38.10	0.10	0.10	0.21
30.87	31.94	vein 0 Deg to CA, Strong Comment: Quartz vein.	RDU_SM_613138	149.50	151.00	FieldDup	47.00	310.80	15.90	46.00	48.60	0.20	0.30	0.15
			RDU_SM_613139	151.00	152.50	ASSAY	76.00	321.10	10.00	17.00	8.80	0.10	0.20	0.20
49.34	50.10	fault Strong Comment: Brecciated with strong fe-staining, limonite.	RDU_SM_613140	152.50	153.30	ASSAY	1.00	29.70	8.50	19.00	6.60	0.05	0.20	0.09
			RDU_SM_613141	153.30	154.75	ASSAY	1.00	18.40	12.80	35.00	9.10	0.10	0.20	0.16
61.56	73.55	breccia Very strong	RDU_SM_613142	154.75	155.75	ASSAY	50.00	166.50	11.60	27.00	8.90	0.05	0.20	0.13
			RDU_SM_613143	155.75	156.54	ASSAY	9.00	6.20	8.70	14.00	9.10	0.05	0.20	0.14
73.55	105.05	fracture 60 Deg to CA, Moderate	RDU_SM_613144	156.54	158.00	ASSAY	13.00	60.60	6.90	10.00	6.90	0.05	0.20	0.11
			RDU_SM_613145	158.00	159.50	ASSAY	9.00	22.00	17.70	19.00	9.10	0.10	0.20	0.17
73.55	105.05	foliation 35 Deg to CA, Very strong	RDU_SM_613146	159.50	161.00	ASSAY	3.00	4.30	7.20	10.00	8.10	0.20	0.10	0.15
73.55	105.05	fracture 30 Deg to CA, Moderate	RDU_SM_613147	161.00	162.50	ASSAY	1.00	3.10	19.00	38.00	8.70	0.70	0.20	0.16
			RDU_SM_613148	162.50	164.00	ASSAY	1.00	14.30	18.50	53.00	46.40	0.05	0.60	0.19
73.55	105.05	crenulation cleavage Moderate	RDU_SM_613149	164.00	165.50	ASSAY	18.00	119.70	17.10	17.00	6.60	0.05	0.20	0.17
			RDU_SM_613150	165.50	167.00	ASSAY	1.00	9.70	14.90	19.00	8.60	0.05	0.20	0.18
105.05	108.90	foliation 35 Deg to CA,	RDU_SM_613151	167.00	168.50	ASSAY	187.00	6.90	4.60	8.00	5.70	0.10	0.20	0.17
			RDU_SM_613152	168.50	170.00	ASSAY	2.00	4.10	19.70	13.00	4.90	0.10	0.20	0.15
108.90	111.76	crenulation cleavage Moderate	RDU_SM_613154	170.00	171.39	ASSAY	41.00	597.50	51.30	25.00	11.00	0.05	0.40	0.29
108.90	111.76	fracture Moderate	RDU_SM_613226	171.39	172.00	ASSAY	70.00	159.50	143.30	399.00	11.30	0.05	0.20	1.16
			RDU_SM_613155	172.00	173.50	ASSAY	112.00	648.60	137.70	183.00	14.50	0.05	0.30	0.76
111.76	114.59	gouge Very strong Comment: Bleached fault breccia/gouge.	RDU_SM_613156	173.50	175.00	ASSAY	329.00	750.90	188.50	300.00	14.30	0.05	0.30	0.57
			RDU_SM_613157	175.00	176.00	ASSAY	195.00	480.50	54.30	68.00	9.90	0.05	0.05	0.41
114.59	116.14	foliation 50 Deg to CA, Strong	RDU_SM_613158	176.00	177.00	ASSAY	197.00	263.90	49.20	45.00	10.20	0.05	0.10	0.51
114.59	116.14	vein 50 Deg to CA, Moderate	RDU_SM_613159	177.00	178.00	ASSAY	56.00	555.20	40.20	99.00	4.40	0.40	0.05	0.15
			RDU_SM_613160	178.00	179.50	ASSAY	4.00	35.70	150.40	139.00	6.20	0.70	0.10	0.11
114.59	116.14	fracture Moderate Comment: Fe-stained. No preffered orientation.	RDU_SM_613161	179.50	181.00	ASSAY	13.00	112.50	21.80	50.00	3.40	0.10	0.05	0.05
			RDU_SM_613162	181.00	182.45	ASSAY	151.00	269.20	47.90	95.00	6.80	0.05	0.05	0.15
116.14	135.89	fault Strong	RDU_SM_613164	182.45	184.00	ASSAY	1.00	11.40	32.60	41.00	7.80	0.05	0.05	0.10
			RDU_SM_613165	184.00	185.50	ASSAY	1.00	15.90	29.70	41.00	12.60	0.20	0.10	0.12
141.30	156.54	foliation 15 Deg to CA, Strong Azimuth: 345Dip: 46 Comment: BE. Subparallel to 15° to CA.	RDU_SM_613166	185.50	187.00	ASSAY	1.00	13.10	41.70	100.00	19.20	0.30	0.50	0.34
			RDU_SM_613167	187.00	188.50	ASSAY	1.00	3.30	154.70	137.00	9.30	0.05	0.50	0.40
141.30	148.00	fracture 30 Deg to CA, Moderate Comment: Kaolinite Fracture.	RDU_SM_613168	188.50	189.50	ASSAY	1.00	5.80	161.40	174.00	13.10	0.20	0.40	0.33
141.30	148.00	fracture 60 Deg to CA, Moderate Comment: Kaolinite Fracture.	RDU_SM_613169	189.50	190.50	ASSAY	1.00	2.70	85.60	68.00	9.10	4.10	0.05	0.20
			RDU_SM_613170	190.50	191.37	ASSAY	1.00	14.80	42.70	24.00	5.20	0.05	0.05	0.24
141.30	148.00	fracture 0 Deg to CA, Moderate Comment: Kaolinite Fracture, sub-parallel to CA.	RDU_SM_613171	191.37	192.00	ASSAY	24.00	89.20	24.90	5.00	4.90	0.05	0.05	0.24
			RDU_SM_613172	192.00	193.00	ASSAY	262.00	818.60	26.10	12.00	6.80	0.40	0.05	0.34
142.16	142.66	vein 5 Deg to CA, Moderate Comment: Folioform Qtz vein.	RDU_SM_613173	193.00	193.66	ASSAY	888.00	2,808.30	37.60	23.00	7.00	0.10	0.60	0.37
			RDU_SM_613174	193.00	193.66	FieldDup	955.00	2,722.30	45.40	13.00	10.60	0.20	0.60	0.44
189.59	191.90	vein 50 Deg to CA, Azimuth: 336Dip: 9 Comment: BE. Quartz veining.	RDU_SM_613175	193.66	194.97	ASSAY	2,197.00	4,605.90	29.60	56.00	7.60	0.10	0.70	0.56

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From	To	Lithology	Samples Details											
191.90	193.66	fracture 10 Deg to CA, Moderate	RDU_SM_613176	194.97	196.50	ASSAY	1,176.00	3,102.80	59.10	149.00	9.30	0.20	0.70	0.54
		Comment: Kaolinite veins, rotated 90° to foliation.. No ori marks.	RDU_SM_613177	196.50	198.00	ASSAY	8.00	6.30	30.00	52.00	3.80	0.10	0.20	0.05
217.89	217.89	foliation 25 Deg to CA, Strong Azimuth: 284Dip: 64	RDU_SM_613178	198.00	199.50	ASSAY	40.00	279.80	30.70	40.00	5.30	0.05	0.20	0.29
		RDU_SM_613179	199.50	201.00	ASSAY	27.00	178.30	19.60	27.00	5.10	0.05	0.10	0.28	
223.30	223.30	foliation 55 Deg to CA, Strong Azimuth: 270Dip: 30	RDU_SM_613180	201.00	202.50	ASSAY	104.00	412.60	14.20	12.00	5.50	0.05	0.20	0.39
		RDU_SM_613181	202.50	204.00	ASSAY	8.00	40.50	18.70	32.00	3.90	0.30	0.05	0.26	
229.38	229.40	vein 37 Deg to CA, Strong	RDU_SM_613182	204.00	205.00	ASSAY	2.00	11.90	86.10	78.00	6.30	0.10	0.20	0.17
		Comment: Folioform quartz vein with VG, no ori marks.	RDU_SM_613183	205.00	205.50	ASSAY	1.00	5.40	17.50	19.00	4.00	0.05	0.20	0.10
242.52	251.05	vein	RDU_SM_613184	205.50	206.50	ASSAY	1.00	4.20	24.20	32.00	5.00	0.05	0.10	0.13
		Comment: Quartz veining, irregular contacts.	RDU_SM_613185	206.50	207.00	ASSAY	23.00	52.80	28.80	102.00	4.60	0.20	0.20	0.12
264.83	266.55	gouge Strong	RDU_SM_613186	207.00	208.51	ASSAY	1.00	4.10	38.20	70.00	3.90	0.05	0.20	0.13
		Comment: Fault gouge	RDU_SM_613187	208.51	210.00	ASSAY	1.00	1.00	18.10	43.00	1.60	1.40	0.05	0.03
		RDU_SM_613189	210.00	211.50	ASSAY	1.00	1.70	29.00	56.00	6.70	0.40	0.05	0.03	
		RDU_SM_613190	211.50	213.25	ASSAY	1.00	1.40	28.00	107.00	3.00	0.80	0.05	0.03	
		RDU_SM_613191	213.25	215.00	ASSAY	5.00	2.70	10.30	42.00	4.10	171.90	0.05	0.07	
		RDU_SM_613192	215.00	216.50	ASSAY	1.00	2.80	12.30	31.00	5.10	3.50	0.10	0.08	
		RDU_SM_613193	216.50	218.00	ASSAY	1.00	1.10	7.80	56.00	1.60	0.50	0.05	0.07	
		RDU_SM_613194	218.00	218.82	ASSAY	1.00	0.90	6.30	56.00	2.00	2.40	0.10	0.05	
		RDU_SM_613195	218.82	220.00	ASSAY	11.00	18.00	23.50	31.00	5.70	8.20	0.20	0.53	
		RDU_SM_613196	220.00	221.50	ASSAY	31.00	54.60	83.60	169.00	7.30	0.05	0.20	0.76	
		RDU_SM_613197	221.50	223.00	ASSAY	29.00	67.50	152.30	785.00	9.70	0.10	0.20	0.64	
		RDU_SM_613199	223.00	224.50	ASSAY	88.00	483.10	78.80	125.00	4.70	0.05	0.30	0.35	
		RDU_SM_613200	224.50	226.00	ASSAY	39.00	187.20	61.60	194.00	4.70	0.05	0.20	0.39	
		RDU_SM_613201	226.00	227.50	ASSAY	136.00	815.20	54.40	129.00	2.30	0.05	0.20	0.15	
		RDU_SM_613202	227.50	228.50	ASSAY	43.00	1,650.70	33.10	46.00	2.60	0.05	0.40	0.23	
		RDU_SM_613203	228.50	229.00	ASSAY	115.00	1,084.90	16.10	39.00	1.50	0.05	0.20	0.13	
		RDU_SM_613204	229.00	229.50	ASSAY	393.00	3,786.20	34.90	25.00	1.40	0.05	0.50	0.26	
		RDU_SM_613205	229.50	230.00	ASSAY	17.00	1,356.80	33.70	61.00	2.50	0.20	0.20	0.18	
		RDU_SM_613206	230.00	231.00	ASSAY	55.00	737.60	48.50	31.00	3.80	0.05	0.20	0.31	
		RDU_SM_613207	231.00	232.00	ASSAY	91.00	1,033.40	261.50	174.00	8.40	0.05	0.70	0.64	
		RDU_SM_613209	232.00	233.17	FieldDup	35.00	67.80	78.60	41.00	5.70	0.05	0.20	0.38	
		RDU_SM_613208	232.00	233.17	ASSAY	103.00	191.00	96.80	120.00	6.60	0.05	0.20	0.43	
		RDU_SM_613210	233.17	234.00	ASSAY	533.00	2,985.60	40.00	253.00	2.10	0.05	0.30	0.26	
		RDU_SM_613211	234.00	235.50	ASSAY	1,162.00	3,015.10	32.40	36.00	2.40	0.10	0.30	0.27	
		RDU_SM_613212	235.50	236.32	ASSAY	344.00	2,202.60	19.60	47.00	2.00	0.20	0.20	0.21	
		RDU_SM_613213	236.32	236.82	ASSAY	2,205.00	2,568.20	24.00	13.00	3.00	0.05	0.40	0.29	
		RDU_SM_613214	236.82	238.00	ASSAY	817.00	2,071.20	24.80	27.00	2.20	0.10	0.20	0.21	
		RDU_SM_613215	238.00	239.50	ASSAY	232.00	1,251.80	43.30	54.00	3.00	0.05	0.20	0.23	
		RDU_SM_613216	239.50	241.00	ASSAY	77.00	596.60	14.20	14.00	3.20	0.05	0.10	0.21	
		RDU_SM_613217	241.00	242.52	ASSAY	207.00	2,171.30	13.50	17.00	5.40	0.05	0.20	0.17	
		RDU_SM_613218	242.52	244.00	ASSAY	478.00	262.00	17.70	19.00	6.10	0.05	0.30	0.46	
		RDU_SM_613219	244.00	245.50	ASSAY	13.00	183.60	32.00	45.00	8.50	0.05	0.30	0.39	

From	To	Lithology	Samples Details											
			RDU_SM_613220	245.50	247.00	ASSAY	50.00	238.40	31.70	20.00	7.50	0.05	0.20	0.41
			RDU_SM_613221	247.00	248.50	ASSAY	507.00	285.30	21.10	11.00	11.60	0.05	0.20	0.95
			RDU_SM_613222	248.50	250.00	ASSAY	57.00	259.10	20.90	8.00	7.00	0.05	0.40	0.57
			RDU_SM_613223	250.00	251.05	ASSAY	772.00	1,060.40	15.00	11.00	6.30	0.05	0.50	0.38
			RDU_SM_613225	251.05	252.50	ASSAY	6.00	26.10	10.40	59.00	4.00	0.05	0.05	0.03
			RDU_SM_613227	252.50	254.00	ASSAY	4.00	1.20	8.90	59.00	2.40	0.80	0.05	0.03
			RDU_SM_613228	254.00	256.50	ASSAY	1.00	1.20	15.10	58.00	2.60	1.60	0.05	0.05
			RDU_SM_613229	256.50	257.00	ASSAY	1.00	1.40	10.80	54.00	2.30	1.40	0.05	0.11
			RDU_SM_613230	257.00	258.50	ASSAY	7.00	1.20	50.00	56.00	1.90	3.50	0.05	0.09
			RDU_SM_613231	258.50	260.00	ASSAY	1.00	0.25	31.60	53.00	3.10	1.50	0.10	0.03
			RDU_SM_613232	260.00	261.50	ASSAY	1.00	0.70	12.30	57.00	0.90	0.90	0.05	0.03
			RDU_SM_613233	261.50	263.00	ASSAY	2.00	1.30	11.00	52.00	1.00	0.70	0.05	0.05
			RDU_SM_613235	263.00	264.85	ASSAY	1.00	0.70	12.80	64.00	1.90	0.20	0.05	0.05
			RDU_SM_613236	264.85	266.55	ASSAY	11.00	1.60	16.40	67.00	1.50	0.80	0.05	0.12
			RDU_SM_613237	266.55	268.00	ASSAY	1.00	0.50	18.20	70.00	3.20	0.20	0.05	0.10
			RDU_SM_613238	268.00	269.50	ASSAY	1.00	0.25	16.30	56.00	1.20	0.40	0.05	0.07
			RDU_SM_613239	269.50	271.00	ASSAY	1.00	0.60	11.50	52.00	1.10	0.30	0.05	0.03
			RDU_SM_613240	271.00	272.50	ASSAY	1.00	0.60	7.20	57.00	1.20	0.60	0.05	0.06
			RDU_SM_613241	272.50	274.00	ASSAY	1.00	0.25	17.70	56.00	1.60	0.50	0.05	0.06
			RDU_SM_613242	274.00	275.00	ASSAY	1.00	0.70	8.90	45.00	1.30	0.40	0.05	0.05
			RDU_SM_613243	275.00	275.66	ASSAY	1.00	0.70	10.30	63.00	1.00	4.40	0.05	0.06
			RDU_SM_613244	275.66	277.00	ASSAY	1.00	1.20	15.50	51.00	3.70	0.90	0.10	0.03
			RDU_SM_613245	275.66	277.00	FieldDup	1.00	0.90	27.30	59.00	3.60	0.70	0.05	0.11
			RDU_SM_613246	277.00	278.50	ASSAY	1.00	0.90	16.20	59.00	1.50	1.40	0.05	0.03
			RDU_SM_613247	278.50	280.00	ASSAY	2.00	4.50	15.10	56.00	1.60	2.30	0.05	0.10
			RDU_SM_613248	280.00	281.50	ASSAY	7.00	0.70	9.20	54.00	0.90	0.50	0.05	0.03
			RDU_SM_613249	281.50	283.00	ASSAY	2.00	3.20	23.10	55.00	0.90	1.10	0.05	0.12
			RDU_SM_613250	283.00	284.50	ASSAY	1.00	0.25	10.30	73.00	0.70	0.05	0.05	0.03
			RDU_SM_613251	284.50	286.00	ASSAY	1.00	0.60	10.40	55.00	0.70	0.05	0.05	0.03
			RDU_SM_613252	286.00	287.00	ASSAY	1.00	0.80	12.40	61.00	0.50	0.05	0.05	0.03
			RDU_SM_613253	287.00	288.04	ASSAY	2.00	1.30	17.90	26.00	1.90	0.20	0.05	0.03
			RDU_SM_613254	288.04	289.56	ASSAY	3.00	11.20	14.30	26.00	6.00	1.10	0.05	0.23

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From			To	Lithology		Samples Details											
7.01	61.56	MCS, Muscovite Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:																	
INTERVALS DETAILS:					RDU_SM_613001	7.01	7.82	ASSAY	59.00		409.90	40.60	61.00	14.70	0.80	0.20	0.03
Colour					RDU_SM_613002	7.82	8.53	ASSAY	1,555.00		2,667.80	163.30	89.00	14.20	0.40	0.30	0.09
7.01	51.00	Dominant: 10 R 6/6			RDU_SM_613003	8.53	9.54	ASSAY	35.00		129.60	20.30	8.00	3.60	0.10	0.05	0.03
					RDU_SM_613004	9.54	10.50	ASSAY	7.00		9.00	6.30	8.00	1.80	0.20	0.05	0.03
					RDU_SM_613005	10.50	11.58	ASSAY	7.00		178.20	9.60	9.00	3.10	0.30	0.05	0.03
51.00	61.56	Dominant: N 7			RDU_SM_613006	11.58	12.52	ASSAY	59.00		486.30	8.00	9.00	2.90	0.20	0.05	0.03
					RDU_SM_613007	12.52	13.50	ASSAY	1.00		5.30	4.00	6.00	4.10	0.20	0.05	0.03
Texture					RDU_SM_613008	13.50	14.50	ASSAY	1.00		4.90	3.30	7.00	4.20	0.30	0.05	0.03
7.01	61.56	schistose			RDU_SM_613009	14.50	15.54	ASSAY	45.00		111.50	2.40	5.00	3.40	0.30	0.05	0.03
					RDU_SM_613010	15.54	16.50	ASSAY	7.00		51.40	3.50	6.00	3.40	0.40	0.10	0.03
Mineral					RDU_SM_613012	16.50	17.00	ASSAY	185.00		310.40	30.00	7.00	4.30	0.30	0.20	0.07
7.01	61.56	0.3pyrite Fine-grained Subhedral			RDU_SM_613013	17.00	17.50	ASSAY	36.00		140.10	7.80	7.00	5.00	0.50	0.10	0.11
					RDU_SM_613014	17.50	18.52	ASSAY	5.00		6.90	3.30	5.00	2.70	0.40	0.05	0.03
17.08	17.33	1pyrite Very fine-grained Subhedral			RDU_SM_613015	18.52	19.50	ASSAY	18.00		118.30	5.30	5.00	2.40	0.30	0.05	0.03
					RDU_SM_613016	19.50	20.51	ASSAY	117.00		26.40	8.50	6.00	3.60	0.30	0.05	0.03
30.87	31.94	1pyrite Very fine-grained Subhedral			RDU_SM_613017	20.51	21.17	ASSAY	1.00		27.30	5.90	5.00	3.80	0.40	0.05	0.03
Alteration					RDU_SM_613018	21.17	21.59	ASSAY	3.00		51.40	16.40	7.00	4.00	0.40	0.05	0.06
7.01	61.56	40-60% oxide Overprint 10 R 6/6 Level: 2			RDU_SM_613019	21.59	22.57	ASSAY	43.00		8.70	4.30	6.00	4.70	1.00	0.05	0.03
					RDU_SM_613020	22.57	23.39	ASSAY	14.00		57.10	6.80	5.00	6.40	3.80	0.20	0.03
7.01	61.56	60-80% silica Localized Level: 1			RDU_SM_613022	23.39	24.38	ASSAY	57.00		388.70	11.80	7.00	3.90	0.30	0.20	0.11
					RDU_SM_613023	24.38	25.37	ASSAY	1.00		2.90	5.20	5.00	4.70	20.00	0.20	0.03
30.87	31.94	80-100% silica Pervasive Level: 1			RDU_SM_613024	25.37	26.42	ASSAY	8.00		43.80	8.50	4.00	3.70	47.50	0.10	0.03
		Comment: Strongly silicified zone. ~0.5-1% v.f.g. Py stringers.			RDU_SM_613025	26.42	27.43	ASSAY	36.00		93.00	5.40	16.00	5.50	1.70	0.20	0.03
Structure					RDU_SM_613026	27.43	28.45	ASSAY	4.00		22.10	21.90	63.00	9.80	0.90	0.60	0.08
7.01	61.56	crenulation cleavage Moderate			RDU_SM_613027	28.45	29.37	ASSAY	1.00		3.20	24.60	71.00	9.30	0.20	0.30	0.09
					RDU_SM_613028	29.37	30.28	ASSAY	1.00		3.80	30.50	24.00	7.70	0.20	0.30	0.06
7.01	61.56	fracture 60 Deg to CA, Moderate			RDU_SM_613029	30.28	30.87	ASSAY	3.00		4.60	28.50	38.00	10.50	0.40	0.30	0.10
					RDU_SM_613030	30.87	31.94	ASSAY	16.00		147.10	23.50	18.00	7.40	0.10	0.20	0.09
					RDU_SM_613032	31.94	33.00	FieldDup	253.00		1,565.90	30.50	69.00	6.60	0.20	0.30	0.15
7.01	61.56	vein 10 Deg to CA, Very weak			RDU_SM_613031	31.94	33.00	ASSAY	403.00		1,851.00	28.80	70.00	6.60	0.30	0.40	0.14
					RDU_SM_613033	33.00	34.00	ASSAY	382.00		1,303.20	20.50	66.00	8.00	0.60	0.30	0.11
21.17	21.45	breccia Strong			RDU_SM_613034	34.00	35.00	ASSAY	85.00		330.60	37.80	99.00	8.30	0.40	0.60	0.16
		Comment: MCS frags in limonite matrix.			RDU_SM_613035	35.00	36.00	ASSAY	3.00		12.50	18.10	24.00	6.50	0.20	0.50	0.23
30.87	31.94	fracture 68 Deg to CA, Moderate			RDU_SM_613036	36.00	37.00	ASSAY	7.00		106.60	16.20	9.00	7.90	0.30	0.30	0.19
		Comment: Fractures @ 50°-86° to CA, mm scale displacement, v.f.g py+limonite along fractures.			RDU_SM_613037	37.00	38.00	ASSAY	10.00		12.90	4.90	4.00	6.50	0.20	0.20	0.17
30.87	31.94	vein 0 Deg to CA, Strong			RDU_SM_613038	38.00	39.00	ASSAY	20.00		7.90	3.50	6.00	6.80	0.20	0.20	0.09
		Comment: Quartz vein.			RDU_SM_613039	39.00	40.00	ASSAY	16.00		3.30	4.10	5.00	5.90	0.30	0.20	0.14
49.34	50.10	fault Strong			RDU_SM_613040	40.00	41.00	ASSAY	3.00		6.70	4.60	7.00	6.70	0.10	0.20	0.18
		Comment: Brecciated with strong fe-staining, limonite.			RDU_SM_613041	41.00	42.00	ASSAY	3.00		20.60	8.00	13.00	5.20	1.00	0.10	0.10
					RDU_SM_613042	42.00	43.00	ASSAY	2.00		7.20	5.00	9.00	3.10	0.20	0.05	0.06

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From	To	Lithology	Samples Details														
			RDU_SM_613043	43.00	44.00	ASSAY	1.00	6.90	7.10	13.00	3.50	0.20	0.05	0.03			
			RDU_SM_613044	44.00	45.00	ASSAY	11.00	163.10	13.20	34.00	3.70	0.20	0.10	0.03			
			RDU_SM_613045	45.00	46.00	ASSAY	3.00	48.70	4.60	8.00	5.90	0.60	0.05	0.05			
			RDU_SM_613047	46.00	47.00	ASSAY	9.00	97.90	5.20	9.00	4.80	0.40	0.10	0.09			
			RDU_SM_613048	47.00	48.00	ASSAY	5.00	3.60	9.40	11.00	7.90	0.30	0.20	0.15			
			RDU_SM_613049	48.00	49.34	ASSAY	51.00	988.30	32.60	70.00	36.10	0.20	0.50	0.40			
			RDU_SM_613050	49.34	50.10	ASSAY	5.00	101.30	23.90	57.00	35.70	1.10	0.60	0.10			
			RDU_SM_613051	50.10	51.00	ASSAY	49.00	966.80	74.70	160.00	38.20	1.40	0.90	0.61			
			RDU_SM_613052	51.00	52.00	ASSAY	29.00	88.10	28.40	55.00	28.00	0.20	1.10	0.51			
			RDU_SM_613053	52.00	53.00	ASSAY	26.00	584.90	46.90	74.00	26.00	0.30	0.90	0.36			
			RDU_SM_613054	53.00	54.50	ASSAY	5.00	95.50	28.20	46.00	19.80	0.40	0.60	0.28			
			RDU_SM_613055	54.50	56.00	ASSAY	14.00	637.30	90.10	109.00	23.80	0.70	0.60	0.48			
			RDU_SM_613057	56.00	57.50	ASSAY	52.00	208.70	104.90	105.00	10.20	78.50	0.30	0.22			
			RDU_SM_613058	57.50	59.00	ASSAY	1.00	20.70	36.00	56.00	10.60	44.70	0.10	0.14			
			RDU_SM_613059	59.00	60.50	ASSAY	7.00	20.00	21.00	33.00	15.10	5.10	0.20	0.33			
			RDU_SM_613060	60.50	61.56	ASSAY	12.00	338.00	26.00	36.00	16.40	0.30	0.30	0.09			
61.56	73.55	FZN, Fault Zone	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:	Brecciated fault zone. Faulted and Brecciated MCS, with mm-cm scale breccia frags (up to 3cm in size). Strong fe-staining/limonite throughout. INcludes boudneaged/fractured quartz vein frags. Localized v.f.g py clots, up to 3cm in size, minor-0.5% Py in stringers and clots throughout.																
INTERVALS DETAILS:				RDU_SM_613061	61.56	62.62	ASSAY	17.00	436.50	73.60	64.00	28.50	0.20	1.10	1.10	0.28	
Texture				RDU_SM_613062	62.62	63.98	ASSAY	87.00	1,175.60	52.30	86.00	36.10	1.10	1.10	0.24		
61.56	73.55	brecciated		RDU_SM_613063	63.98	65.00	ASSAY	14.00	177.60	19.30	24.00	11.90	0.20	0.30	0.36		
				RDU_SM_613064	65.00	66.00	ASSAY	22.00	796.30	18.20	50.00	16.70	0.20	0.20	0.73		
Mineral				RDU_SM_613065	66.00	67.50	ASSAY	25.00	706.50	25.50	49.00	17.00	0.10	0.30	0.65		
61.56	73.55	0.5pyrite Very fine-grained Subhedral		RDU_SM_613066	67.50	69.00	ASSAY	110.00	1,853.20	51.80	62.00	11.10	0.05	0.90	0.26		
Comment: Stringers and blebs.				RDU_SM_613067	67.50	69.00	FieldDup	96.00	1,157.80	45.10	58.00	10.50	0.05	0.70	0.19		
Alteration				RDU_SM_613068	69.00	70.50	ASSAY	123.00	1,439.70	33.40	130.00	19.00	0.10	0.70	0.43		
61.56	73.55	40-60% oxide Overprint 10 R 6/6 Level: 2		RDU_SM_613069	70.50	72.00	ASSAY	105.00	1,139.50	26.40	45.00	24.70	0.30	0.30	0.27		
				RDU_SM_613070	72.00	73.55	ASSAY	75.00	330.70	26.70	102.00	11.50	0.50	0.70	0.52		
Structure																	
61.56	73.55	breccia Very strong															

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FromToLithology			Samples Details													
73.55	105.05	MCS, Muscovite Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Sim to 7.01-61.56. Includes dropped box from 76.20-80.16.																
INTERVALS DETAILS:				RDU_SM_613071	73.55	75.00	ASSAY	90.00		493.80	8.50	8.00	4.90	0.05	0.30	0.23
Colour				RDU_SM_613072	75.00	76.20	ASSAY	80.00		198.30	4.70	5.00	6.40	0.10	0.30	0.29
73.55	105.05	Dominant: N 7		RDU_SM_613073	76.20	77.34	ASSAY	105.00		150.20	9.10	6.00	4.40	2.70	0.30	0.21
				RDU_SM_613074	77.34	78.47	ASSAY	20.00		260.50	6.50	5.00	6.30	2.90	0.20	0.22
				RDU_SM_613075	78.47	79.58	ASSAY	149.00		169.20	10.00	11.00	5.10	0.80	0.20	0.20
Texture				RDU_SM_613076	79.58	80.16	ASSAY	40.00		92.90	7.10	4.00	5.10	3.60	0.20	0.18
73.55	105.05	schistose		RDU_SM_613077	80.16	81.00	ASSAY	5.00		7.90	7.50	5.00	5.70	1.90	0.20	0.31
				RDU_SM_613078	81.00	82.50	ASSAY	31.00		188.40	12.70	4.00	5.90	0.20	0.10	0.25
Mineral				RDU_SM_613079	82.50	84.00	ASSAY	108.00		338.80	13.70	6.00	8.00	0.50	0.30	0.35
73.55	105.05	0.3pyrite Very fine-grained Subhedral		RDU_SM_613080	84.00	85.50	ASSAY	1.00		3.80	9.60	7.00	5.70	2.30	0.40	0.26
				RDU_SM_613081	85.50	87.00	ASSAY	7.00		18.20	11.10	12.00	5.30	2.40	0.50	0.23
Alteration				RDU_SM_613083	87.00	87.89	ASSAY	10.00		55.20	14.50	22.00	7.10	1.90	0.60	0.35
87.89	95.40	0-20% chlorite Pervasive 10 Y 8/2 Level: 1		RDU_SM_613084	87.89	89.00	ASSAY	8.00		24.50	10.10	6.00	5.10	6.30	0.20	0.24
				RDU_SM_613085	89.00	90.50	ASSAY	9.00		17.90	12.70	8.00	4.20	5.10	0.30	0.19
Structure				RDU_SM_613086	90.50	92.00	ASSAY	35.00		198.80	11.40	6.00	5.30	5.40	0.20	0.21
73.55	105.05	fracture 60 Deg to CA, Moderate		RDU_SM_613087	92.00	93.50	ASSAY	63.00		85.50	12.30	8.00	7.50	0.70	0.10	0.34
				RDU_SM_613088	93.50	95.00	ASSAY	33.00		177.20	10.30	6.00	6.00	1.20	0.10	0.25
73.55	105.05	foliation 35 Deg to CA, Very strong		RDU_SM_613089	95.00	96.50	ASSAY	11.00		55.30	20.90	7.00	9.50	1.00	0.20	0.38
				RDU_SM_613090	96.50	97.70	ASSAY	81.00		494.50	5.90	15.00	11.00	0.80	0.30	0.50
73.55	105.05	fracture 30 Deg to CA, Moderate		RDU_SM_613091	97.70	98.42	ASSAY	6.00		152.10	115.70	111.00	22.10	0.60	0.30	0.25
				RDU_SM_613093	98.42	99.23	ASSAY	31.00		258.60	120.30	173.00	11.40	0.40	0.70	0.51
				RDU_SM_613094	99.23	100.33	ASSAY	4.00		56.10	84.30	63.00	8.00	1.50	0.40	0.08
				RDU_SM_613095	100.33	101.56	ASSAY	1.00		18.70	111.90	62.00	9.00	11.50	0.40	0.25
				RDU_SM_613096	101.56	103.00	ASSAY	1.00		36.50	84.10	57.00	29.90	0.10	0.50	0.81
				RDU_SM_613097	103.00	104.50	ASSAY	14.00		225.40	17.60	16.00	7.30	0.20	0.20	0.15
73.55	105.05	crenulation cleavage Moderate		RDU_SM_613098	104.50	105.05	ASSAY	38.00		502.30	86.70	59.00	9.10	0.90	0.30	0.47

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FromToLithology			Samples Details													
105.05	108.90	FZN, Fault Zone	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				MCS fragments. Weak-strong limonite alt'n. Minor-0.5% Py±Ga disse+stringers throughout. Minor quartz veining, 1-2cm thick @ 10-30° to CA.												
INTERVALS DETAILS:				RDU_SM_613099	105.05	106.50	ASSAY	110.00		349.40	117.70	116.00	20.30	0.30	0.50	0.70
Colour				RDU_SM_613100	106.50	107.25	ASSAY	32.00		304.80	45.00	17.00	9.50	0.10	0.20	0.28
105.05	108.90	Dominant: N 7 Secondary: 10 YR 6/2		RDU_SM_613101	107.25	108.20	ASSAY	50.00		274.10	39.00	10.00	7.30	0.05	0.30	0.50
				RDU_SM_613102	108.20	108.90	ASSAY	35.00		213.80	69.40	10.00	7.90	0.05	0.30	0.51
				RDU_SM_613103	108.20	108.90	FieldDup	41.00		222.30	76.30	9.00	8.60	0.05	0.30	0.55
Texture																
105.05	108.90	fragmental														
Mineral																
105.05	108.90	0.1galena Medium-grained Subhedral														
105.05	108.90	0.5pyrite Medium-grained Euhedral Comment: + Dissemin.														
Alteration																
105.05	108.90	40-60% oxide Overprint 10 YR 6/2 Level: 2														
Structure																
105.05	108.90	foliation 35 Deg to CA,														
108.90	111.76	MCS, Muscovite Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Sim as 73.55-105.05, with 0.5-1% Py+Asp in v.f.g. stringers and disseminated throughout.												
INTERVALS DETAILS:				RDU_SM_613104	108.90	110.50	ASSAY	14.00		211.40	12.10	8.00	7.10	0.10	0.30	0.28
Colour				RDU_SM_613105	110.50	111.76	ASSAY	66.00		1,215.30	21.80	10.00	6.60	0.05	0.50	0.61
108.90	111.76	Dominant: N 7														
Texture																
108.90	111.76	schistose														
Mineral																
108.90	111.76	0.5arsenopyrite Fine-grained														
108.90	111.76	1pyrite Very fine-grained														
Structure																
108.90	111.76	crenulation cleavage Moderate														
108.90	111.76	fracture Moderate														

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FromToLithology			Samples Details													
111.76	114.59	FZN, Fault Zone	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Fault breccia with white, pulverized matrix. 0.5% Py±Asp throughout.																
INTERVALS DETAILS:				RDU_SM_613106	111.76	113.00	ASSAY	53.00		501.70	132.50	138.00	25.90	15.50	0.40	0.44
Colour				RDU_SM_613107	113.00	114.54	ASSAY	77.00		409.20	55.30	51.00	19.50	0.20	0.10	0.70
111.76	114.59	Dominant: N 9														
Texture																
111.76	114.59	brecciated Comment: Powdery fault gouge.														
Mineral																
111.76	114.59	0.5arsenopyrite Medium-grained Euhedral														
111.76	114.59	0.5pyrite Fine-grained Euhedral														
Structure																
111.76	114.59	gouge Very strong Comment: Bleached fault breccia/gouge.														
114.59	116.14	BQS, Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Quartz-Plag-Biotite Schist. F.g. - m.f. biotite, with 20-30% m.g. Qtz+Plag. Minor v.f.g. stringer Py throughout.																
INTERVALS DETAILS:																
Colour																
114.59	116.14	Dominant: 5 YR 3/2														
Texture																
114.59	116.14	schistose														
Mineral																
114.59	116.14	0.5pyrite Very fine-grained Subhedral														
Structure																
114.59	116.14	foliation 50 Deg to CA, Strong														
114.59	116.14	vein 50 Deg to CA, Moderate														
114.59	116.14	fracture Moderate Comment: Fe-stained. No preffered orientation.														

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FromToLithology			Samples Details														
116.14	135.89	FZN, Fault Zone	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:			Highly fractured & faulted section, with frags of meta-andesite & MCS. Includes fault gouge section from 116.14-121.00, with numerous smaller fault gouge sections throughout. Foliation where visible @ 0-10° to CA. No visible mineralization.														
INTERVALS DETAILS:				RDU_SM_613110	117.50	119.00	ASSAY	129.00		489.60	141.10	142.00	15.20		0.70	0.10	0.30
Colour				RDU_SM_613111	119.00	120.50	ASSAY	23.00		526.50	43.20	84.00	14.40		0.60	0.10	0.23
116.14	135.89	Dominant: N 7		RDU_SM_613112	120.50	122.00	ASSAY	19.00		346.40	11.70	59.00	10.20		0.30	0.20	0.11
				RDU_SM_613113	122.00	123.50	ASSAY	16.00		444.50	17.10	75.00	11.50		0.20	0.20	0.03
				RDU_SM_613114	123.50	125.00	ASSAY	1.00		295.70	9.70	43.00	7.80		0.30	0.05	0.03
				RDU_SM_613115	125.00	126.50	ASSAY	10.00		617.50	33.10	88.00	66.20		0.20	0.05	0.16
Texture				RDU_SM_613116	126.50	128.02	ASSAY	2.00		219.70	28.90	37.00	37.60		0.10	0.05	0.08
116.14	135.89	brecciated		RDU_SM_613118	128.02	129.50	ASSAY	4.00		59.20	16.10	15.00	4.90		0.10	0.05	0.03
Mineral				RDU_SM_613119	129.50	131.00	ASSAY	6.00		65.40	17.10	11.00	5.40		0.30	0.05	0.03
134.31	135.60	25kaolinite Very fine-grained Anhedral		RDU_SM_613120	131.00	132.50	ASSAY	1.00		39.60	12.40	11.00	5.70		0.20	0.05	0.03
				RDU_SM_613121	132.50	133.66	ASSAY	1.00		20.00	16.60	12.00	5.10		0.10	0.05	0.06
				RDU_SM_613122	133.66	134.00	ASSAY	1.00		90.90	15.80	19.00	4.70		0.20	0.05	0.12
				RDU_SM_613123	134.00	135.26	ASSAY	110.00		134.90	15.10	24.00	4.00		0.20	0.05	0.06
Structure				RDU_SM_613124	135.26	135.81	ASSAY	9.00		169.70	48.60	70.00	12.40		0.10	0.05	0.15
135.89	141.30	BQS, Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:			Quartz-Plag-Biotite Schist. Sim as 114.59-116.14.														
INTERVALS DETAILS:				RDU_SM_613126	137.00	138.00	ASSAY	6.00		56.40	37.10	51.00	11.90		0.20	0.05	0.10
Colour				RDU_SM_613128	138.00	139.50	ASSAY	17.00		249.80	17.80	64.00	33.60		0.05	0.10	0.34
135.89	141.30	Dominant: 5 YR 3/2		RDU_SM_613129	139.50	141.00	ASSAY	4.00		32.00	18.50	43.00	20.40		0.05	0.20	0.21
Texture																	
135.89	141.30	schistose															
Mineral																	
135.89	141.30	0.5pyrite Very fine-grained Subhedral															

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From			To	Lithology	Samples Details													
141.30	289.56	MCS, Muscovite Schist			Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Sim as 108.90-111.76. Numerous hairline fractures with kaolinite. Includes 2cm folioform quartz vein with two 2-3mm sized gold specs at 229.38m.														
INTERVALS DETAILS:					RDU_SM_613131	142.16	142.66	ASSAY	1.00		1.90	9.20	14.00	5.50	0.50	0.05	0.03	
Colour					RDU_SM_613132	142.66	144.00	ASSAY	47.00		82.80	30.00	43.00	6.80	0.10	0.05	0.14	
141.30	289.56	Dominant: 10 Y 8/2			RDU_SM_613133	144.00	145.50	ASSAY	18.00		68.30	21.20	13.00	6.10	0.20	0.05	0.12	
					RDU_SM_613134	145.50	147.00	ASSAY	10.00		9.00	17.00	11.00	5.50	0.80	0.05	0.10	
					RDU_SM_613135	147.00	148.00	ASSAY	1.00		12.20	18.40	14.00	5.10	0.70	0.05	0.03	
Texture					RDU_SM_613136	148.00	149.50	ASSAY	4.00		10.40	15.40	12.00	7.40	0.40	0.05	0.11	
141.30	289.56	schistose			RDU_SM_613137	149.50	151.00	ASSAY	31.00		211.30	18.50	57.00	38.10	0.10	0.10	0.21	
					RDU_SM_613138	149.50	151.00	FieldDup	47.00		310.80	15.90	46.00	48.60	0.20	0.30	0.15	
Mineral					RDU_SM_613139	151.00	152.50	ASSAY	76.00		321.10	10.00	17.00	8.80	0.10	0.20	0.20	
141.30	289.56	0.3pyrite Very fine-grained Subhedral			RDU_SM_613140	152.50	153.30	ASSAY	1.00		29.70	8.50	19.00	6.60	0.05	0.20	0.09	
					RDU_SM_613141	153.30	154.75	ASSAY	1.00		18.40	12.80	35.00	9.10	0.10	0.20	0.16	
171.39	178.25	2pyrite Very fine-grained Subhedral			RDU_SM_613142	154.75	155.75	ASSAY	50.00		166.50	11.60	27.00	8.90	0.05	0.20	0.13	
					RDU_SM_613143	155.75	156.54	ASSAY	9.00		6.20	8.70	14.00	9.10	0.05	0.20	0.14	
171.39	178.25	1pyrrhotite Fine-grained Subhedral			RDU_SM_613144	156.54	158.00	ASSAY	13.00		60.60	6.90	10.00	6.90	0.05	0.20	0.11	
					RDU_SM_613145	158.00	159.50	ASSAY	9.00		22.00	17.70	19.00	9.10	0.10	0.20	0.17	
189.59	191.90	0.5covellite Fine-grained Subhedral			RDU_SM_613146	159.50	161.00	ASSAY	3.00		4.30	7.20	10.00	8.10	0.20	0.10	0.15	
					RDU_SM_613147	161.00	162.50	ASSAY	1.00		3.10	19.00	38.00	8.70	0.70	0.20	0.16	
193.66	208.51	0.5pyrite Very fine-grained Subhedral			RDU_SM_613148	162.50	164.00	ASSAY	1.00		14.30	18.50	53.00	46.40	0.05	0.60	0.19	
					RDU_SM_613149	164.00	165.50	ASSAY	18.00		119.70	17.10	17.00	6.60	0.05	0.20	0.17	
218.82	242.52	2arsenopyrite Coarse-grained Euhedral			RDU_SM_613150	165.50	167.00	ASSAY	1.00		9.70	14.90	19.00	8.60	0.05	0.20	0.18	
					RDU_SM_613151	167.00	168.50	ASSAY	187.00		6.90	4.60	8.00	5.70	0.10	0.20	0.17	
218.82	242.52	1pyrite Very fine-grained Subhedral			RDU_SM_613152	168.50	170.00	ASSAY	2.00		4.10	19.70	13.00	4.90	0.10	0.20	0.15	
					RDU_SM_613154	170.00	171.39	ASSAY	41.00		597.50	51.30	25.00	11.00	0.05	0.40	0.29	
229.38	229.40	0.1visible gold Fine-grained Anhedral			RDU_SM_613226	171.39	172.00	ASSAY	70.00		159.50	143.30	399.00	11.30	0.05	0.20	1.16	
242.52	251.05	2arsenopyrite Coarse-grained Euhedral			RDU_SM_613155	172.00	173.50	ASSAY	112.00		648.60	137.70	183.00	14.50	0.05	0.30	0.76	
					RDU_SM_613156	173.50	175.00	ASSAY	329.00		750.90	188.50	300.00	14.30	0.05	0.30	0.57	
242.52	251.05	1pyrite Very fine-grained Subhedral			RDU_SM_613157	175.00	176.00	ASSAY	195.00		480.50	54.30	68.00	9.90	0.05	0.05	0.41	
					RDU_SM_613158	176.00	177.00	ASSAY	197.00		263.90	49.20	45.00	10.20	0.05	0.10	0.51	
Alteration					RDU_SM_613159	177.00	178.00	ASSAY	56.00		555.20	40.20	99.00	4.40	0.40	0.05	0.15	
156.54	178.25	40-60% silica Pervasive Level: 1			RDU_SM_613160	178.00	179.50	ASSAY	4.00		35.70	150.40	139.00	6.20	0.70	0.10	0.11	
					RDU_SM_613161	179.50	181.00	ASSAY	13.00		112.50	21.80	50.00	3.40	0.10	0.05	0.05	
171.39	178.25	80-100% silica Pervasive Level: 1			RDU_SM_613162	181.00	182.45	ASSAY	151.00		269.20	47.90	95.00	6.80	0.05	0.05	0.15	
					RDU_SM_613164	182.45	184.00	ASSAY	1.00		11.40	32.60	41.00	7.80	0.05	0.05	0.10	
193.66	208.51	60-80% silica Pervasive Level: 1			RDU_SM_613165	184.00	185.50	ASSAY	1.00		15.90	29.70	41.00	12.60	0.20	0.10	0.12	
					RDU_SM_613166	185.50	187.00	ASSAY	1.00		13.10	41.70	100.00	19.20	0.30	0.50	0.34	
208.51	242.52	60-80% sericite Pervasive 10 Y 8/2 Level: 1			RDU_SM_613167	187.00	188.50	ASSAY	1.00		3.30	154.70	137.00	9.30	0.05	0.50	0.40	
					RDU_SM_613168	188.50	189.50	ASSAY	1.00		5.80	161.40	174.00	13.10	0.20	0.40	0.33	
242.52	251.05	80-100% silica Pervasive Level: 1			RDU_SM_613169	189.50	190.50	ASSAY	1.00		2.70	85.60	68.00	9.10	4.10	0.05	0.20	
					RDU_SM_613170	190.50	191.37	ASSAY	1.00		14.80	42.70	24.00	5.20	0.05	0.05	0.24	
251.05	264.83	60-80% sericite Pervasive 10 Y 8/2 Level: 1			RDU_SM_613171	191.37	192.00	ASSAY	24.00		89.20	24.90	5.00	4.90	0.05	0.05	0.24	
					Comment: Ser+Chl													

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From	To	Lithology	Samples Details											
266.55	275.66	20-40% oxide Pervasive 5 RP 4/2 Level: 2	RDU_SM_613172	192.00	193.00	ASSAY	262.00	818.60	26.10	12.00	6.80	0.40	0.05	0.34
		Comment: Purple hem alt'n.	RDU_SM_613173	193.00	193.66	ASSAY	888.00	2,808.30	37.60	23.00	7.00	0.10	0.60	0.37
275.66	288.04	80-100% sericite Pervasive 10 Y 8/2 Level: 1	RDU_SM_613174	193.00	193.66	FieldDup	955.00	2,722.30	45.40	13.00	10.60	0.20	0.60	0.44
		Structure	RDU_SM_613175	193.66	194.97	ASSAY	2,197.00	4,605.90	29.60	56.00	7.60	0.10	0.70	0.56
141.30	156.54	foliation 15 Deg to CA, Strong Azimuth: 345Dip: 46	RDU_SM_613176	194.97	196.50	ASSAY	1,176.00	3,102.80	59.10	149.00	9.30	0.20	0.70	0.54
		Comment: BE. Subparallel to 15° to CA.	RDU_SM_613177	196.50	198.00	ASSAY	8.00	6.30	30.00	52.00	3.80	0.10	0.20	0.05
141.30	148.00	fracture 30 Deg to CA, Moderate	RDU_SM_613178	198.00	199.50	ASSAY	40.00	279.80	30.70	40.00	5.30	0.05	0.20	0.29
		Comment: Kaolinite Fracture.	RDU_SM_613179	199.50	201.00	ASSAY	27.00	178.30	19.60	27.00	5.10	0.05	0.10	0.28
141.30	148.00	fracture 60 Deg to CA, Moderate	RDU_SM_613180	201.00	202.50	ASSAY	104.00	412.60	14.20	12.00	5.50	0.05	0.20	0.39
		Comment: Kaolinite Fracture.	RDU_SM_613181	202.50	204.00	ASSAY	8.00	40.50	18.70	32.00	3.90	0.30	0.05	0.26
141.30	148.00	fracture 0 Deg to CA, Moderate	RDU_SM_613182	204.00	205.00	ASSAY	2.00	11.90	86.10	78.00	6.30	0.10	0.20	0.17
		Comment: Kaolinite Fracture, sub-parallel to CA.	RDU_SM_613183	205.00	205.50	ASSAY	1.00	5.40	17.50	19.00	4.00	0.05	0.20	0.10
142.16	142.66	vein 5 Deg to CA, Moderate	RDU_SM_613184	205.50	206.50	ASSAY	1.00	4.20	24.20	32.00	5.00	0.05	0.10	0.13
		Comment: Folioform Qtz vein.	RDU_SM_613185	206.50	207.00	ASSAY	23.00	52.80	28.80	102.00	4.60	0.20	0.20	0.12
189.59	191.90	vein 50 Deg to CA, Azimuth: 336Dip: 9	RDU_SM_613186	207.00	208.51	ASSAY	1.00	4.10	38.20	70.00	3.90	0.05	0.20	0.13
		Comment: BE. Quartz veining.	RDU_SM_613187	208.51	210.00	ASSAY	1.00	1.00	18.10	43.00	1.60	1.40	0.05	0.03
191.90	193.66	fracture 10 Deg to CA, Moderate	RDU_SM_613189	210.00	211.50	ASSAY	1.00	1.70	29.00	56.00	6.70	0.40	0.05	0.03
		Comment: Kaolinite veins, rotated 90° to foliation.. No ori marks.	RDU_SM_613190	211.50	213.25	ASSAY	1.00	1.40	28.00	107.00	3.00	0.80	0.05	0.03
217.89	217.89	foliation 25 Deg to CA, Strong Azimuth: 284Dip: 64	RDU_SM_613191	213.25	215.00	ASSAY	5.00	2.70	10.30	42.00	4.10	171.90	0.05	0.07
		Structure	RDU_SM_613192	215.00	216.50	ASSAY	1.00	2.80	12.30	31.00	5.10	3.50	0.10	0.08
223.30	223.30	foliation 55 Deg to CA, Strong Azimuth: 270Dip: 30	RDU_SM_613193	216.50	218.00	ASSAY	1.00	1.10	7.80	56.00	1.60	0.50	0.05	0.07
		Comment: Folioform quartz vein with VG, no ori marks.	RDU_SM_613194	218.00	218.82	ASSAY	1.00	0.90	6.30	56.00	2.00	2.40	0.10	0.05
229.38	229.40	vein 37 Deg to CA, Strong	RDU_SM_613195	218.82	220.00	ASSAY	11.00	18.00	23.50	31.00	5.70	8.20	0.20	0.53
		Comment: Folioform quartz vein with VG, no ori marks.	RDU_SM_613196	220.00	221.50	ASSAY	31.00	54.60	83.60	169.00	7.30	0.05	0.20	0.76
242.52	251.05	vein	RDU_SM_613197	221.50	223.00	ASSAY	29.00	67.50	152.30	785.00	9.70	0.10	0.20	0.64
		Comment: Quartz veining, irregular contacts.	RDU_SM_613199	223.00	224.50	ASSAY	88.00	483.10	78.80	125.00	4.70	0.05	0.30	0.35
264.83	266.55	gouge Strong	RDU_SM_613200	224.50	226.00	ASSAY	39.00	187.20	61.60	194.00	4.70	0.05	0.20	0.39
		Comment: Fault gouge	RDU_SM_613201	226.00	227.50	ASSAY	136.00	815.20	54.40	129.00	2.30	0.05	0.20	0.15
			RDU_SM_613202	227.50	228.50	ASSAY	43.00	1,650.70	33.10	46.00	2.60	0.05	0.40	0.23
			RDU_SM_613203	228.50	229.00	ASSAY	115.00	1,084.90	16.10	39.00	1.50	0.05	0.20	0.13
			RDU_SM_613204	229.00	229.50	ASSAY	393.00	3,786.20	34.90	25.00	1.40	0.05	0.50	0.26
			RDU_SM_613205	229.50	230.00	ASSAY	17.00	1,356.80	33.70	61.00	2.50	0.20	0.20	0.18
			RDU_SM_613206	230.00	231.00	ASSAY	55.00	737.60	48.50	31.00	3.80	0.05	0.20	0.31
			RDU_SM_613207	231.00	232.00	ASSAY	91.00	1,033.40	261.50	174.00	8.40	0.05	0.70	0.64
			RDU_SM_613209	232.00	233.17	FieldDup	35.00	67.80	78.60	41.00	5.70	0.05	0.20	0.38
			RDU_SM_613208	232.00	233.17	ASSAY	103.00	191.00	96.80	120.00	6.60	0.05	0.20	0.43
			RDU_SM_613210	233.17	234.00	ASSAY	533.00	2,985.60	40.00	253.00	2.10	0.05	0.30	0.26
			RDU_SM_613211	234.00	235.50	ASSAY	1,162.00	3,015.10	32.40	36.00	2.40	0.10	0.30	0.27
			RDU_SM_613212	235.50	236.32	ASSAY	344.00	2,202.60	19.60	47.00	2.00	0.20	0.20	0.21
			RDU_SM_613213	236.32	236.82	ASSAY	2,205.00	2,568.20	24.00	13.00	3.00	0.05	0.40	0.29
			RDU_SM_613214	236.82	238.00	ASSAY	817.00	2,071.20	24.80	27.00	2.20	0.10	0.20	0.21
			RDU_SM_613215	238.00	239.50	ASSAY	232.00	1,251.80	43.30	54.00	3.00	0.05	0.20	0.23

From	To	Lithology	Samples Details											
			RDU_SM_613216	239.50	241.00	ASSAY	77.00	596.60	14.20	14.00	3.20	0.05	0.10	0.21
			RDU_SM_613217	241.00	242.52	ASSAY	207.00	2,171.30	13.50	17.00	5.40	0.05	0.20	0.17
			RDU_SM_613218	242.52	244.00	ASSAY	478.00	262.00	17.70	19.00	6.10	0.05	0.30	0.46
			RDU_SM_613219	244.00	245.50	ASSAY	13.00	183.60	32.00	45.00	8.50	0.05	0.30	0.39
			RDU_SM_613220	245.50	247.00	ASSAY	50.00	238.40	31.70	20.00	7.50	0.05	0.20	0.41
			RDU_SM_613221	247.00	248.50	ASSAY	507.00	285.30	21.10	11.00	11.60	0.05	0.20	0.95
			RDU_SM_613222	248.50	250.00	ASSAY	57.00	259.10	20.90	8.00	7.00	0.05	0.40	0.57
			RDU_SM_613223	250.00	251.05	ASSAY	772.00	1,060.40	15.00	11.00	6.30	0.05	0.50	0.38
			RDU_SM_613225	251.05	252.50	ASSAY	6.00	26.10	10.40	59.00	4.00	0.05	0.05	0.03
			RDU_SM_613227	252.50	254.00	ASSAY	4.00	1.20	8.90	59.00	2.40	0.80	0.05	0.03
			RDU_SM_613228	254.00	256.50	ASSAY	1.00	1.20	15.10	58.00	2.60	1.60	0.05	0.05
			RDU_SM_613229	256.50	257.00	ASSAY	1.00	1.40	10.80	54.00	2.30	1.40	0.05	0.11
			RDU_SM_613230	257.00	258.50	ASSAY	7.00	1.20	50.00	56.00	1.90	3.50	0.05	0.09
			RDU_SM_613231	258.50	260.00	ASSAY	1.00	0.25	31.60	53.00	3.10	1.50	0.10	0.03
			RDU_SM_613232	260.00	261.50	ASSAY	1.00	0.70	12.30	57.00	0.90	0.90	0.05	0.03
			RDU_SM_613233	261.50	263.00	ASSAY	2.00	1.30	11.00	52.00	1.00	0.70	0.05	0.05
			RDU_SM_613235	263.00	264.85	ASSAY	1.00	0.70	12.80	64.00	1.90	0.20	0.05	0.05
			RDU_SM_613236	264.85	266.55	ASSAY	11.00	1.60	16.40	67.00	1.50	0.80	0.05	0.12
			RDU_SM_613237	266.55	268.00	ASSAY	1.00	0.50	18.20	70.00	3.20	0.20	0.05	0.10
			RDU_SM_613238	268.00	269.50	ASSAY	1.00	0.25	16.30	56.00	1.20	0.40	0.05	0.07
			RDU_SM_613239	269.50	271.00	ASSAY	1.00	0.60	11.50	52.00	1.10	0.30	0.05	0.03
			RDU_SM_613240	271.00	272.50	ASSAY	1.00	0.60	7.20	57.00	1.20	0.60	0.05	0.06
			RDU_SM_613241	272.50	274.00	ASSAY	1.00	0.25	17.70	56.00	1.60	0.50	0.05	0.06
			RDU_SM_613242	274.00	275.00	ASSAY	1.00	0.70	8.90	45.00	1.30	0.40	0.05	0.05
			RDU_SM_613243	275.00	275.66	ASSAY	1.00	0.70	10.30	63.00	1.00	4.40	0.05	0.06
			RDU_SM_613244	275.66	277.00	ASSAY	1.00	1.20	15.50	51.00	3.70	0.90	0.10	0.03
			RDU_SM_613245	275.66	277.00	FieldDup	1.00	0.90	27.30	59.00	3.60	0.70	0.05	0.11
			RDU_SM_613246	277.00	278.50	ASSAY	1.00	0.90	16.20	59.00	1.50	1.40	0.05	0.03
			RDU_SM_613247	278.50	280.00	ASSAY	2.00	4.50	15.10	56.00	1.60	2.30	0.05	0.10
			RDU_SM_613248	280.00	281.50	ASSAY	7.00	0.70	9.20	54.00	0.90	0.50	0.05	0.03
			RDU_SM_613249	281.50	283.00	ASSAY	2.00	3.20	23.10	55.00	0.90	1.10	0.05	0.12
			RDU_SM_613250	283.00	284.50	ASSAY	1.00	0.25	10.30	73.00	0.70	0.05	0.05	0.03
			RDU_SM_613251	284.50	286.00	ASSAY	1.00	0.60	10.40	55.00	0.70	0.05	0.05	0.03
			RDU_SM_613252	286.00	287.00	ASSAY	1.00	0.80	12.40	61.00	0.50	0.05	0.05	0.03
			RDU_SM_613253	287.00	288.04	ASSAY	2.00	1.30	17.90	26.00	1.90	0.20	0.05	0.03
			RDU_SM_613254	288.04	289.56	ASSAY	3.00	11.20	14.30	26.00	6.00	1.10	0.05	0.23

Mineral Zones			
<u>From</u>	<u>To</u>	<u>Zone Length</u>	<u>Comments</u>

Mag Susc			
<u>Depth</u>	<u>Mag_susc</u>	<u>Mag_Susc_Rock</u>	<u>Comments</u>

RQD							
From	To	RQD Length	Core Rec	Width Core x2 5	RQD PCT	TCR PCT	Comments
18.29	19.81	1.52	1.39	0.72	47.37	91.45	Core loss
21.34	22.86	1.52	1.51	0.90	59.21	99.34	
24.38	25.91	1.53	1.53	0.67	43.79	100.00	
27.43	28.96	1.53	1.57	1.00	65.36	102.61	
30.48	32.00	1.52	1.47	0.98	64.47	96.71	
33.53	35.05	1.52	1.59	0.78	51.32	104.61	
36.58	38.10	1.52	1.54	0.66	43.42	101.32	
39.62	41.15	1.53	1.49	0.52	33.99	97.39	
48.77	51.82	3.05	3.05	1.47	48.20	100.00	
44.20	45.72	1.52	2.90	0.47	30.92	190.79	
51.82	54.86	3.04	2.95	2.44	80.26	97.04	
156.97	160.02	3.05	3.03	1.22	40.00	99.34	
10.06	11.58	1.52	1.35	0.35	23.03	88.82	Core loss
12.19	13.72	1.53	1.34	0.80	52.29	87.58	Core loss
15.24	16.76	1.52	1.34	0.52	34.21	88.16	Core loss
25.91	27.43	1.52	1.52	0.20	13.16	100.00	
28.96	30.48	1.52	1.58	0.60	39.47	103.95	
32.00	33.53	1.53	1.58	0.72	47.06	103.27	
35.05	36.58	1.53	1.50	1.19	77.78	98.04	
38.10	39.62	1.52	1.44	0.38	25.00	94.74	Core loss
41.15	42.67	1.52	1.50	0.90	59.21	98.68	140 meter marker was in wrong spot Switch to NTW at 150'
42.67	44.20	1.53	1.54	0.96	62.75	100.65	
45.72	48.77	3.05	3.05	2.56	83.93	100.00	
54.86	57.91	3.05	3.05	1.98	64.92	100.00	
57.91	60.96	3.05	2.85	2.07	67.87	93.44	
60.96	64.01	3.05	3.05	0.87	28.52	100.00	
64.01	67.06	3.05	3.05	0.69	22.62	100.00	
67.06	70.10	3.04	3.05	0.87	28.62	100.33	
70.10	73.15	3.05	3.05	1.30	42.62	100.00	
7.01	8.53	1.52	1.52	0.00	0.00	100.00	Actually HTW
8.53	10.06	1.53	1.50	0.23	15.03	98.04	Core loss
11.58	12.19	0.61	0.47	0.00	0.00	77.05	
13.72	15.24	1.52	1.45	0.51	33.55	95.39	
16.76	18.29	1.53	1.47	0.68	44.44	96.08	
19.81	21.34	1.53	1.42	0.61	39.87	92.81	Core loss
22.86	24.38	1.52	1.45	1.14	75.00	95.39	
73.15	76.20	3.05	3.05	1.34	43.93	100.00	
76.20	77.72	1.52	1.52	0.15	9.87	100.00	

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80.77	83.82	3.05	3.00	1.65	54.10	98.36	
83.82	85.95	2.13	2.02	1.49	69.95	94.84	
85.95	88.39	2.44	2.43	1.13	46.31	99.59	
88.39	91.44	3.05	2.98	1.34	43.93	97.70	
91.44	94.49	3.05	3.07	2.37	77.70	100.66	
94.49	97.54	3.05	3.15	2.40	78.69	103.28	
97.54	100.58	3.04	3.02	1.13	37.17	99.34	
100.58	102.11	1.53	1.30	0.37	24.18	84.97	
102.11	105.16	3.05	2.99	2.43	79.67	98.03	
105.16	106.68	1.52	1.29	0.36	23.68	84.87	
106.68	108.20	1.52	1.55	0.35	23.03	101.97	
108.20	111.25	3.05	2.90	0.83	27.21	95.08	Core loss
111.25	114.30	3.05	3.07	2.74	89.84	100.66	
114.30	116.74	2.44	2.40	0.36	14.75	98.36	
116.74	117.04	0.30	0.33	0.00	0.00	110.00	
117.04	118.26	1.22	0.84	0.00	0.00	68.85	Core loss
118.26	120.09	1.83	1.29	0.00	0.00	70.49	Core loss
120.09	120.40	0.31	0.34	0.00	0.00	109.68	394' marker misplaced
120.40	121.92	1.52	1.54	0.67	44.08	101.32	
121.92	124.97	3.05	2.60	0.89	29.18	85.25	
124.97	126.19	1.22	0.70	0.00	0.00	57.38	Core loss
126.19	128.02	1.83	1.57	0.00	0.00	85.79	Core loss
128.02	131.06	3.04	2.61	0.98	32.24	85.86	Core loss
131.06	132.28	1.22	1.06	0.46	37.70	86.89	
132.28	134.11	1.83	2.00	0.83	45.36	109.29	440' marker misplaced
134.11	137.16	3.05	3.20	1.12	36.72	104.92	
137.16	139.29	2.13	2.02	0.55	25.82	94.84	
139.29	141.73	2.44	2.31	0.59	24.18	94.67	
141.73	144.78	3.05	2.85	1.13	37.05	93.44	
144.78	147.22	2.44	2.35	0.35	14.34	96.31	
147.22	149.35	2.13	1.80	0.28	13.15	84.51	Core loss
149.35	151.18	1.83	1.79	0.23	12.57	97.81	
151.18	153.92	2.74	2.71	2.05	74.82	98.91	
153.92	156.97	3.05	2.99	1.87	61.31	98.03	
160.02	163.07	3.05	2.99	2.00	65.57	98.03	
163.07	164.59	1.52	1.57	1.18	77.63	103.29	
164.59	166.12	1.53	1.52	0.79	51.63	99.35	545' marker misplaced
175.26	177.70	2.44	2.40	0.88	36.07	98.36	
166.12	169.16	3.04	2.95	1.86	61.18	97.04	Inc 59.6 on marker
169.16	172.21	3.05	2.95	1.94	63.61	96.72	
172.21	175.26	3.05	3.02	2.47	80.98	99.02	

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177.70	179.83	2.13	2.04	1.41	66.20	95.77	
179.83	182.88	3.05	3.05	2.11	69.18	100.00	
182.88	184.71	1.83	1.83	0.61	33.33	100.00	
184.71	187.45	2.74	2.74	1.48	54.01	100.00	
187.45	190.50	3.05	3.05	2.47	80.98	100.00	
190.50	192.94	2.44	2.44	1.30	53.28	100.00	
192.94	194.77	1.83	1.83	0.97	53.01	100.00	
194.77	198.12	3.35	3.35	2.05	61.19	100.00	
198.12	200.84	2.72	2.72	1.71	62.87	100.00	
200.84	202.69	1.85	1.85	0.93	50.27	100.00	
202.69	205.74	3.05	3.05	1.19	39.02	100.00	
205.74	208.18	2.44	2.46	1.17	47.95	100.82	
208.18	210.31	2.13	2.13	1.85	86.85	100.00	
210.31	213.36	3.05	2.50	0.93	30.49	81.97	Core loss ~ 0.55m
213.36	214.88	1.52	1.21	0.35	23.03	79.61	Core loss~ 0.30m
214.88	217.93	3.05	2.86	0.94	30.82	93.77	Core loss ~ 0.20m
217.93	220.98	3.05	3.05	1.58	51.80	100.00	
220.98	224.03	3.05	3.05	1.25	40.98	100.00	
224.03	227.08	3.05	3.05	1.91	62.62	100.00	
227.08	230.12	3.04	3.04	1.95	64.14	100.00	
230.12	233.17	3.05	3.05	2.23	73.11	100.00	
233.17	234.70	1.53	1.63	0.77	50.33	106.54	
234.70	237.74	3.04	3.04	2.67	87.83	100.00	
237.74	240.79	3.05	3.05	1.91	62.62	100.00	
240.79	242.93	2.14	2.26	1.90	88.79	105.61	Blocks appear incorrect upto 834
242.93	245.36	2.43	2.12	1.83	75.31	87.24	
245.36	246.28	0.92	1.36	0.69	75.00	147.83	
246.28	248.41	2.13	1.68	1.02	47.89	78.87	
248.41	251.48	3.07	2.75	1.90	61.89	89.58	
251.48	254.20	2.72	3.12	2.62	96.32	114.71	
254.20	257.40	3.20	3.20	2.20	68.75	100.00	
257.40	260.60	3.20	3.20	2.26	70.63	100.00	
260.60	263.65	3.05	3.05	1.95	63.93	100.00	
263.65	266.70	3.05	3.05	2.04	66.89	100.00	
266.70	269.75	3.05	3.05	2.84	93.11	100.00	
269.75	272.80	3.05	3.05	2.77	90.82	100.00	
272.80	275.84	3.04	3.04	2.43	79.93	100.00	
275.84	278.89	3.05	3.05	2.51	82.30	100.00	
278.89	281.94	3.05	3.05	2.38	78.03	100.00	
281.94	284.99	3.05	3.05	2.63	86.23	100.00	
284.99	288.04	3.05	3.05	2.59	84.92	100.00	

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288.04	289.56	1.52	1.52	0.85	55.92	100.00

Down Hole Survey

Depth	Azimuth	Dip	Survey_type
59.13	108.57	-56.00	RF
91.44	109.67	-57.60	RF
121.92	109.47	-58.10	RF
152.40	110.57	-58.30	RF
182.88	111.47	-58.90	RF
243.84	114.97	-60.10	RF
281.94	113.07	-60.30	RF



Detailed Log Report
Hole Number RDU_SM_DDH11-18

Project		Coordinates		Collar			
Project Name:	Sixty Mile	Primary Coordinates Grid: UTM83-7		Collar Dip:	-62.00	Collar Az:	110.00
Project Code:	YK_SM	North:	7,097,260.00	Length:	314.55		
Location:	Kennecott Trench Zone	East:	506,465.00	Hole Size:	NTW		
Start Date:	11-09-02 12:00:00AM	Elev:	1,027.00	Hole Type:	DD		
Completed Date:	11-09-07 12:00:00AM	Log by (1)	Samantha Dyck	Depth Log (1)		Casing:	Pulled
Contractor:		Log by (2)		Depth Log (2)		Company Name:	
Units:	METRIC						

Comments: HTW to 157.58 m. NTW to 314.55 m.

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Detailed Lithology

From	To	Lithology	Samples Details														
0.00	4.57	OVB, Overburden	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	

Comments:

INTERVALS DETAILS:

FromToLithology			Samples Details													
4.57	10.70	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Moderately to strongly oxidized and clay altered quartz muscovite +/- biotite schist. Minor hematite, mostly limonite oxide. Minor brecciation with strong clay matrix and rounded clasts. 10 cm white quartz vein. Locally strongly fractured.													
INTERVALS DETAILS:				RDU_SM_611680	4.57	6.00	ASSAY	2.00		2.80	135.80	94.00	61.20	1.90	0.30	0.31
Colour				RDU_SM_611681	6.00	7.00	ASSAY	1.00		1.00	9.20	90.00	59.70	2.00	0.10	0.50
4.57	10.70	Dominant: 10 YR 6/6		RDU_SM_611682	7.00	8.00	ASSAY	3.00		2.60	30.70	159.00	82.40	1.50	0.20	0.80
				RDU_SM_611683	8.00	9.00	ASSAY	1.00		3.60	28.20	99.00	48.90	1.30	0.10	0.22
		Comment: Colour due to limonite		RDU_SM_611684	9.00	10.00	ASSAY	15.00		7.20	49.20	6.00	19.90	0.90	0.20	0.06
Texture																
4.57	10.70	schistose														
		Comment: Moderately to strongly schistose,														
9.14	9.27	brecciated														
		Comment: Quartz clasts in clay altered matrix, quartz clasts rounded, 2-5 mm														
Mineral																
5.67	6.10	0.1pyrite Medium-grained														
		Comment: Patches of pyrite along foliation														
9.49	10.70	0.5cinnabar Fine-grained Anhedral														
		Comment: Bright red mineral, strong lustre, on fractures, possible cinnabar														
Alteration																
4.57	10.70	40-60% oxide Pervasive 10 YR 6/6 Level: 1														
		Comment: Moderate to strong limonite alteration														
4.57	10.70	40-60% argillic Pervasive Level: 2														
		Comment: Moderate clay alteration														
7.62	9.14	60-80% oxide Pervasive 10 YR 6/6 Level: 1														
		Comment: Strong limonite alteration														
Structure																
6.57	6.57	foliation 20 Deg to CA, Strong														
9.14	9.27	breccia														
		Comment: Breccia with small quartz clasts in clay altered matrix														
9.70	9.80	vein 45 Deg to CA,														
		Comment: White quartz vein, 10 cm wide, fractured														

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From		To	Lithology	Samples Details													
10.70	31.10	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Less oxidized, more competent quartz muscovite +/- biotite schist. Minor local hematite alteration, weak limonite alteration throughout. Moderately to strongly foliated, parallel to CA. Sections more quartz-rich, almost quartzite. Minor patches of partially oxidized pyrite along foliation. Foliation irregular, strongly deformed (folded?). Bright red mineral, lustrous, could be cinnabar or realgar. No orpiment present.															
INTERVALS DETAILS:					RDU_SM_611686	11.00	12.00	ASSAY	3.00		5.60	45.80	5.00	12.50	1.30	0.30	0.06
Colour					RDU_SM_611687	12.00	13.00	ASSAY	1.00		1.10	38.00	2.00	4.80	1.90	0.40	0.03
10.70	23.60	Dominant: 10 Y 7/4			RDU_SM_611688	13.00	14.00	ASSAY	2.00		0.90	23.10	4.00	5.80	1.90	0.50	0.03
					RDU_SM_611690	14.00	15.00	ASSAY	4.00		1.30	89.70	36.00	73.40	2.30	0.60	0.39
					RDU_SM_611691	15.00	16.00	ASSAY	3.00		1.00	27.80	166.00	74.30	1.20	0.50	0.64
23.60	31.10	Dominant: N 5			RDU_SM_611692	16.00	17.00	ASSAY	2.00		1.10	85.00	160.00	37.10	0.90	0.40	0.54
					RDU_SM_611693	17.00	18.00	ASSAY	1.00		1.60	47.00	72.00	25.70	1.60	0.20	0.43
Texture					RDU_SM_611694	18.00	19.00	ASSAY	2.00		0.25	3.60	44.00	15.30	1.90	0.10	0.20
10.70	31.10	schistose			RDU_SM_611695	19.00	20.00	ASSAY	2.00		1.60	14.00	66.00	45.40	1.60	0.10	0.30
		Comment: Strongly schistose, mostly parallel to CA			RDU_SM_611696	20.00	21.00	ASSAY	5.00		1.60	47.10	104.00	50.70	0.90	0.20	0.47
Mineral					RDU_SM_611697	21.00	22.00	ASSAY	1.00		1.20	17.20	23.00	17.90	0.60	0.10	0.29
10.70	11.20	0.5Rd cinnabar	Fine-grained Anhedral		RDU_SM_611698	22.00	23.00	ASSAY	1.00		0.60	4.70	26.00	17.20	0.70	0.10	0.28
		Comment: Bright red mineral, strong lustre, mostly on fractures			RDU_SM_611700	23.00	24.00	ASSAY	1.00		2.40	42.20	58.00	25.90	0.60	0.30	0.40
10.70	15.14	0.01pyrite	Medium-grained Subhedral		RDU_SM_611701	24.00	25.00	ASSAY	1.00		1.10	12.20	32.00	5.70	1.20	0.10	0.54
		Comment: Trace disseminated oxidized pyrite			RDU_SM_611702	25.00	26.00	ASSAY	4.00		2.00	209.10	85.00	5.90	1.10	0.30	0.35
12.60	15.40	0.5Rd cinnabar	Fine-grained Anhedral		RDU_SM_611703	26.00	27.00	ASSAY	1.00		1.20	52.30	32.00	2.60	1.30	0.10	0.24
		Comment: Mostly in fractures but does extend outside of them, similar to above			RDU_SM_611704	27.00	28.00	ASSAY	4.00		4.60	103.90	91.00	8.40	0.70	0.20	0.70
15.14	31.10	0.5pyrite	Medium-grained Subhedral		RDU_SM_611705	28.00	29.00	ASSAY	6.00		8.10	29.10	105.00	6.40	12.50	0.30	0.73
		Comment: Disseminated to blebby pyrite, partially oxidized			RDU_SM_611706	29.00	30.00	ASSAY	3.00		12.50	25.30	115.00	13.00	0.30	0.30	0.70
23.45	23.84	0.5Rd cinnabar	Fine-grained Anhedral		RDU_SM_611707	30.00	31.00	ASSAY	8.00		27.60	25.20	45.00	13.60	0.70	0.50	0.55
Alteration																	
10.70	14.15	0-20% oxide	Localized Level: 3														
		Comment: Weak patchy limonite															
10.70	31.10	20-40% argillic	Fracture-related Level: 3														
		Comment: Marginal clay alteration															
10.70	31.10	0-20% sericite	Localized Level: 2														
		Comment: Weak local sericite alteration															
14.15	15.10	60-80% oxide	Pervasive Level: 1														
		Comment: Strong limonite															
15.10	31.10	0-20% oxide	Pervasive Level: 3														
		Comment: Weak limonite oxide throughout															
Structure																	
11.12	11.12	foliation 15 Deg to CA, Strong															
12.43	12.43	foliation 10 Deg to CA, Strong Azimuth: 349Dip: 76															
17.70	17.70	foliation 5 Deg to CA, Strong Azimuth: 65Dip: 64															
21.17	21.17	band 60 Deg to CA, Azimuth: 107Dip: 10															
		Comment: Band cutting foliation, quartz, siliceous, minor limonite, minor oxidized sulphides, 2.5 cm wide															

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From	To	Lithology	Samples Details														
24.34	24.34	foliation 10 Deg to CA, Strong Azimuth: 97Dip: 22															
30.24	30.24	foliation 20 Deg to CA, Strong Azimuth: 6Dip: 43															
31.10	37.64	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:		Quartz white mica schist, medium grey with quartz augens along foliation. Foliation more regular than above, less oxidized. Minor oxidized veinlets. Sections with abundant quartz - quartzite.															
INTERVALS DETAILS:				RDU_SM_611710	32.00	33.00	FieldDup	19.00		195.50	5.10	4.00	5.50	0.60	0.20	0.09	
Colour				RDU_SM_611709	32.00	33.00	ASSAY	11.00		235.50	5.80	4.00	4.20	0.50	0.20	0.09	
31.10	37.64	Dominant: N 4		RDU_SM_611711	33.00	34.00	ASSAY	83.00		119.90	39.00	14.00	4.70	0.90	0.20	0.28	
				RDU_SM_611712	34.00	35.00	ASSAY	1.00		4.00	22.10	21.00	7.10	0.60	0.20	0.32	
				RDU_SM_611713	35.00	36.00	ASSAY	3.00		3.90	11.20	12.00	4.00	1.20	0.10	0.17	
Texture				RDU_SM_611714	36.00	37.00	ASSAY	1.00		1.70	10.60	9.00	4.30	0.70	0.05	0.13	
31.10	37.64	schistose															
		Comment: Well foliated															
31.10	37.64	augen															
		Comment: Quartz augens along foliation, 3-20 mm.															
Mineral																	
31.10	37.64	0.1pyrite Fine-grained															
		Comment: Minor pyrite, partially oxidized, in veinlets															
31.10	37.64	0.1pyrite Medium-grained															
		Comment: Minor disseminated pyrite															
Alteration																	
31.10	37.64	20-40% sericite Pervasive Level: 1															
		Comment: Weak sericite alteration															
31.10	37.64	0-20% oxide Fracture-related Level: 3															
		Comment: Weak limonite on fractures and in veinlets															
31.10	37.64	20-40% argillic Fracture-related Level: 3															
		Comment: Clay on fractures															
Structure																	
32.33	32.33	vein 50 Deg to CA, Azimuth: 173Dip: 64															
		Comment: 2 mm limonite vein with oxidized sulphide															
34.30	34.33	band 45 Deg to CA, Azimuth: 193Dip: 73															
		Comment: Altered band, limonite rich, clay, cross-cuts foliation, vein?															
35.80	35.80	vein 40 Deg to CA, Azimuth: 284Dip: 46															
		Comment: 2 mm limonite vein with minor oxidized sulphide															
37.15	37.15	foliation 10 Deg to CA, Strong Azimuth: 62Dip: 58															

FromToLithology			Samples Details													
37.64	45.23	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz muscovite schist with minor oxidation. Minor quartzite sections. Clay and sericite alteration throughout. Strong deformation of foliation, folding. Minor oxidized sulphides, disseminated. Clay altered augens from 44.00-45.23 m.													
INTERVALS DETAILS:				RDU_SM_611716	38.00	39.00	ASSAY	1.00		3.50	3.70	12.00	4.70	0.30	0.20	0.12
Colour				RDU_SM_611717	39.00	40.00	ASSAY	42.00		9.40	2.70	15.00	1.70	0.20	0.20	0.30
37.64	45.23	Dominant: N 6 Secondary: 5 YR 5/6		RDU_SM_611718	40.00	41.00	ASSAY	18.00		44.80	2.40	4.00	1.20	0.20	0.30	0.30
				RDU_SM_611719	41.00	42.00	ASSAY	87.00		231.30	3.80	14.00	4.70	0.20	0.50	0.72
				RDU_SM_611720	42.00	43.00	ASSAY	1.00		7.30	4.80	4.00	7.70	0.05	0.05	0.08
				RDU_SM_611721	43.00	44.00	ASSAY	20.00		259.90	28.00	17.00	7.20	0.05	0.20	0.06
37.64	45.23	schistose Comment: Irregular, possible folding		RDU_SM_611722	44.00	45.00	ASSAY	233.00		1,389.90	75.50	34.00	10.40	0.30	0.40	0.14
44.00	45.23	augen Comment: Clay altered augens														
Mineral																
37.64	45.23	0.5pyrite Medium-grained Anhedral Comment: Minor dark grey oxidized pyrite, disseminated														
Alteration																
37.64	40.84	20-40% oxide Localized Level: 2 Comment: Moderate limonite alteration along foliation														
37.64	45.23	20-40% sericite Localized Level: 2 Comment: Weak to moderate sericite alteration														
37.64	40.84	20-40% argillic Localized Level: 1 Comment: Weak to moderate local clay alteration														
40.84	45.23	40-60% argillic Pervasive Level: 1 Comment: Moderate to strong clay alteration														
40.84	45.23	40-60% oxide Localized Level: 2 Comment: Moderate limonite														
Structure																
39.90	39.90	foliation 5 Deg to CA, Strong														
42.40	42.40	foliation 15 Deg to CA, Strong Azimuth: 64Dip: 53														
43.95	44.00	breccia 55 Deg to CA, Comment: Limonite rich crackle breccia with quartz and clay, angular clasts														
44.00	44.10	dyke 55 Deg to CA, Comment: Dyke beside crackle breccia, grey, porphyritic, stretched phenos														
44.10	44.20	vein Comment: Brecciated quartz veins with limonite in fractures, minor pyrite, irregular														

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From	To	Lithology	Samples Details													
45.23	49.22	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Quartz muscovite schist with augens. Augens decrease downhole. Foliation is consistent throughout unit. More quartz rich than previous unit. Disseminated and blebby sulphide locally abundant, very little sulphides in veins.														
INTERVALS DETAILS:				RDU_SM_611725	46.00	47.00	ASSAY	38.00		51.10	5.20	7.00	3.50	0.80	0.10	0.23
Colour				RDU_SM_611726	47.00	48.00	ASSAY	685.00		546.90	34.10	75.00	13.10	0.30	0.50	0.67
45.23	49.22	Dominant: N 4		RDU_SM_611727	48.00	48.60	ASSAY	11.00		61.30	15.40	52.00	16.10	0.50	0.40	0.37
				RDU_SM_611728	48.60	49.22	ASSAY	3.00		12.10	4.80	12.00	6.20	3.80	0.20	0.37
Texture																
45.23	47.50	augen	Comment: Quartz augens, 5 mm average													
45.23	49.22															
45.23	49.22	schistose														
Mineral																
45.23	47.50	0.01pyrite Fine-grained	Comment: Minor disseminated pryite													
45.23	47.50	0.01pyrite Fine-grained														
		Comment: Dull pyrite in thin quartz veinlets														
47.50	49.22	0.1pyrite Fine-grained	Comment: Minor pyrite in quartz vein													
47.50	49.22	0.5pyrite Fine-grained	Comment: Disseminated, partially oxidized pyrite													
Alteration																
45.23	49.22	20-40% sericite Pervasive Level: 1	Comment: Weak to moderate sericite alteration													
45.23	49.22	20-40% oxide Localized Level: 2	Comment: Minor limonite on some fractures and near veins													
45.23	47.50	0-20% chlorite Pervasive Level: 2	Comment: Weak chlorite alteration giving rock dark green tinge													
45.23	46.00	40-60% argillic Pervasive Level: 1	Comment: Moderate clay alteration of augens and schist													
Structure																
46.60	46.60	foliation 60 Deg to CA,														
46.88	46.88	vein 80 Deg to CA,														
		Comment: 2 mm quartz-oxidized pyrite veinlet														
46.90	46.90	vein 60 Deg to CA,	Comment: 2 mm quartz-oxidized pyrite veinlet													
48.29	48.44	vein 10 Deg to CA,	Comment: White quartz vein along foliation, trace pyrite, 15 cm wide													
48.69	48.69	vein 50 Deg to CA,	Comment: 1 cm wide quartz vein with pyrite													
48.70	48.70	foliation 0 Deg to CA, Moderate Azimuth: 53Dip: 66														
48.70	48.70	foliation 15 Deg to CA, Strong Azimuth: 0Dip: 52														

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FromToLithology			Samples Details													
49.22	50.38	QZT, Quartzite	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Light grey quartzite with minor muscovite. Foliation still visible where muscovite is, near parallel to CA. Minor blebby oxidized pyrite.													
INTERVALS DETAILS:				RDU_SM_611729	49.22	50.38	ASSAY	3.00		18.30	4.30	10.00	4.90	7.60	0.20	0.21
Colour																
49.22	50.38	Dominant: N 8														
Texture																
49.22	50.38	schistose														
Mineral																
49.22	50.38	0.5pyrite Fine-grained														
				Comment: Partially oxidized pyrite												
Alteration																
49.22	50.38	0-20% sericite Pervasive Level: 1														
				Comment: Weak sericite alteration												
49.22	50.38	0-20% oxide Fracture-related Level: 2														
				Comment: Weak limonite on fractures, near sulphides												

From		To	Lithology	Samples Details													
50.38	62.06	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Mixture of quartz muscovite schist and quartzite. Foliation strong and near parallel to core axis. More abundant quartz veins with trace pyrite. Pyrite is partially oxidized and disseminated.													
INTERVALS DETAILS:				RDU_SM_611730	50.38	51.00	ASSAY	4.00		343.20	23.60	38.00	13.80	0.30	0.50	0.54	
Colour				RDU_SM_611731	51.00	52.00	ASSAY	378.00		309.30	16.10	46.00	8.80	0.40	0.40	0.37	
50.38	62.06	Dominant: N 5	RDU_SM_611732	52.00	53.00	ASSAY	56.00		67.60	5.00	15.00	4.80	0.50	0.10	0.12		
			RDU_SM_611733	53.00	54.00	ASSAY	809.00		56.60	11.70	13.00	7.80	0.40	0.20	0.33		
			RDU_SM_611735	54.00	55.00	ASSAY	89.00		347.30	21.00	26.00	7.20	0.10	0.40	0.37		
			RDU_SM_611736	55.00	56.00	ASSAY	48.00		1,002.20	11.00	12.00	5.50	0.20	0.50	0.27		
Texture				RDU_SM_611737	56.00	56.80	ASSAY	23.00		88.60	35.60	42.00	17.90	0.10	1.20	1.06	
50.38	62.06	schistose	RDU_SM_611738	56.80	57.40	ASSAY	21.00		122.00	14.30	11.00	8.30	0.20	0.50	1.12		
50.38	51.00	augen	RDU_SM_611739	57.40	58.00	ASSAY	207.00		1,204.10	8.60	186.00	12.50	0.10	0.60	0.31		
			Mineral				RDU_SM_611740	58.00	59.00	ASSAY	510.00		1,614.00	42.40	317.00	45.80	0.30
50.38	53.00	0.1pyrite Fine-grained Comment: Partially oxidized disseminated pyrite	RDU_SM_611741	59.00	60.00	ASSAY	8.00		40.40	5.70	12.00	9.00	0.20	0.40	0.37		
			RDU_SM_611742	60.00	61.00	ASSAY	277.00		2,219.70	13.10	21.00	14.30	0.30	1.40	1.05		
53.00	54.25	0.5pyrite Fine-grained Comment: Partially oxidized pyrite, minor blebs near vein	RDU_SM_611743	61.00	62.06	ASSAY	133.00		621.30	5.30	8.00	3.70	0.05	0.70	0.43		
53.00	54.25	0.01arsenopyrite Fine-grained Comment: Bleb of arsenopyrite near quartz vein															
54.25	56.54	0.1pyrite Fine-grained Comment: Partially oxidized pyrite															
56.54	57.26	1pyrite Fine-grained Comment: Blebs of pyrite in quartz vein along foliation															
57.26	62.06	0.5pyrite Fine-grained Comment: Disseminated pyrite, less oxidized															
Alteration																	
50.38	62.06	20-40% sericite Pervasive Level: 1 Comment: Weak to moderate sericite alteration															
50.38	62.06	0-20% oxide Localized Level: 2 Comment: Weak limonite on fractures and surrounding veins , also in clay altered section															
55.70	56.84	20-40% argillic Pervasive Level: 1 Comment: Moderate clay alteration															
			Structure														
50.97	50.97	fracture 50 Deg to CA, Azimuth: 291Dip: 30 Comment: Limonite coated fracture															
51.10	51.10	foliation 5 Deg to CA, Strong Azimuth: 55Dip: 61															
51.18	51.18	fracture 55 Deg to CA, Azimuth: 109Dip: 22 Comment: Limonite coated fracture															
54.25	54.25	vein 40 Deg to CA, Comment: 5 cm quartz vein with hairline fractures filled with pyrite															
54.80	54.80	foliation 10 Deg to CA, Strong Azimuth: 56Dip: 56															
54.97	55.08	vein 15 Deg to CA, Azimuth: 108Dip: 72 Comment: White quartz vein with minor pyrite on margins, selvage of limonite staining extending out 2 cm															

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From	To	Lithology	Samples Details														
57.12	57.12	vein 0 Deg to CA, Comment: Quartz vein with abundant pyrite parallel to core, vein along foliation, 2 cm wide															
58.09	58.09	vein 40 Deg to CA, Azimuth: 132Dip: 55 Comment: 2.5 cm wide quartz vein with minor limonite along margins, trace pyrite															
58.75	58.75	foliation 15 Deg to CA, Strong Azimuth: 40Dip: 48															
60.78	60.78	fracture 50 Deg to CA, Azimuth: 234Dip: 61 Comment: Limonite coated fracture															
60.90	60.90	fracture 50 Deg to CA, Azimuth: 234Dip: 61 Comment: Limonite coated fracture															
62.06	67.22	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:		Quartz muscovite schist with strong clay and limonite alteration. Strongly foliated parallel to CA. Minor pyrite veinlets and limonite veinlets.															
INTERVALS DETAILS:			RDU_SM_611744	62.06	63.00	ASSAY	17.00			299.30	6.00	32.00	24.20	0.20	0.40	0.06	
Colour			RDU_SM_611745	62.06	63.00	FieldDup	21.00			359.20	5.20	27.00	19.20	0.20	0.40	0.08	
62.06	67.22	Dominant: N 6	RDU_SM_611746	63.00	64.00	ASSAY	8.00			182.40	7.40	40.00	7.60	0.30	0.40	0.39	
		Secondary: 10 YR 6/6	RDU_SM_611747	64.00	65.00	ASSAY	28.00			161.80	13.40	64.00	17.00	0.60	0.40	0.62	
Texture			RDU_SM_611748	65.00	66.00	ASSAY	38.00			338.50	24.90	154.00	35.20	0.60	0.70	1.06	
			RDU_SM_611749	66.00	67.00	ASSAY	18.00			458.70	17.00	26.00	13.40	0.10	0.50	0.13	
62.06	67.22	schistose Comment: Mostly parallel to CA, locally deformed															
Mineral																	
62.06	67.22	0.1pyrite Fine-grained Comment: Minor disseminated pyrite															
62.06	67.22	0.5pyrite Fine-grained Comment: Partially oxidized pyrite in quartz veinlets															
Alteration																	
62.06	67.22	40-60% oxide Localized Level: 2 Comment: Patchy limonite, stronger on fractures and in veinlets															
62.06	67.22	40-60% argillic Pervasive Level: 1 Comment: Moderate clay alteration															
Structure																	
63.79	63.79	fracture 60 Deg to CA, Azimuth: 267Dip: 28 Comment: Fracture with limonite and minor pyrite															
65.60	65.60	fracture 40 Deg to CA, Azimuth: 143Dip: 62 Comment: Limonite and oxidized sulphides on fracture															
65.74	65.74	vein 25 Deg to CA, Azimuth: 278Dip: 68 Comment: Limonite veinlet, 2 mm wide, irregular															

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From		To	Lithology	Samples Details													
67.22	83.25	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Light grey quartz white mica schist. Quartzite in some places with very minor muscovite. Local minor limonite, mostly on fractures. Moderate local clay alteration.															
INTERVALS DETAILS:					RDU_SM_611751	68.00	69.00	ASSAY	27.00		266.10	5.90	19.00	12.30	0.40	0.80	0.81
Colour					RDU_SM_611752	69.00	70.00	ASSAY	32.00		421.70	4.80	11.00	10.50	1.00	0.70	0.73
67.22	83.25	Dominant: N 7			RDU_SM_611753	70.00	71.00	ASSAY	56.00		690.50	5.50	17.00	14.60	0.50	1.00	0.94
					RDU_SM_611754	71.00	72.00	ASSAY	38.00		596.80	12.70	45.00	9.10	0.10	0.80	0.53
					RDU_SM_611755	72.00	73.00	ASSAY	20.00		274.00	178.40	556.00	67.50	0.60	0.60	0.69
Texture					RDU_SM_611756	73.00	74.00	ASSAY	54.00		1,021.20	7.90	20.00	10.20	4.20	1.20	0.59
67.22	83.25	schistose			RDU_SM_611757	74.00	75.00	ASSAY	61.00		1,507.30	15.20	56.00	18.50	0.70	1.30	1.22
					Comment: Foliation near parallel to CA												
Mineral					RDU_SM_611758	75.00	76.00	ASSAY	65.00		980.60	14.80	16.00	11.20	0.20	1.20	0.75
					RDU_SM_611760	76.00	77.00	ASSAY	49.00		713.70	9.60	20.00	9.90	0.40	0.70	0.57
67.22	69.40	0.1pyrite Fine-grained			RDU_SM_611761	77.00	78.00	ASSAY	110.00		3,160.20	41.20	45.00	11.70	6.70	1.00	0.90
		Comment: Pyrite in thin stringers			RDU_SM_611762	78.00	79.00	ASSAY	35.00		627.00	9.50	55.00	8.50	3.00	0.90	1.19
67.22	69.40	0.5pyrite Fine-grained			RDU_SM_611763	79.00	80.00	ASSAY	19.00		262.30	6.60	33.00	7.20	4.40	0.60	0.68
		Comment: Disseminated pyrite			RDU_SM_611764	80.00	81.00	ASSAY	36.00		542.80	6.80	26.00	11.30	1.40	0.80	0.71
69.40	74.32	0.1pyrite Fine-grained			RDU_SM_611765	81.00	82.00	ASSAY	623.00		2,919.40	79.00	132.00	24.20	1.40	1.20	1.19
		Comment: Pyrite in thin stringers			RDU_SM_611766	82.00	83.00	ASSAY	13.00		229.10	12.50	25.00	19.90	1.40	0.40	0.59
69.40	74.32	0.1pyrite Fine-grained															
		Comment: Minor blebs of fine grained pyrite, partially oxidized															
74.32	75.19	1pyrite Fine-grained															
		Comment: Fine grained blebs of pyrite, partially oxidized															
75.19	81.10	0.1pyrite Fine-grained															
		Comment: Minor blebs of pyrite															
77.92	77.92	0.01arsenopyrite Fine-grained															
		Comment: Bleb of arsenopyrite in quartz vein															
81.10	83.25	1pyrite Fine-grained															
		Comment: Hairline stringers with oxidized pyrite, less oxidized pyrite in quartz vein															
Alteration																	
67.22	83.25	0-20% sericite Pervasive Level: 1															
		Comment: Weak to moderate sericite alteration															
67.22	83.25	0-20% oxide Fracture-related Level: 3															
		Comment: Minor limonite on fractures and in stringers															
76.87	77.72	20-40% argillic Pervasive Level: 1															
		Comment: Weak clay alteration															
Structure																	
67.22	67.60	vein 85 Deg to CA,															
		Comment: Subparallel veinlets, 1-2 mm wide, limonite and pyrite, 6 veinlets															
68.23	68.23	foliation 25 Deg to CA, Strong Azimuth: 20Dip: 37															
69.65	69.65	fracture 10 Deg to CA, Azimuth: 30Dip: 72															
		Comment: Limonite coated fracture															
71.07	71.07	vein 25 Deg to CA, Azimuth: 20Dip: 37															
		Comment: Quartz vein 5-15 mm wide, minor pyrite in fractures															
71.15	71.15	vein 20 Deg to CA,															
		Comment: 2 mm altered quartz vein, minor clay															

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FromToLithology			Samples Details														
71.22	71.22	fracture 60 Deg to CA, Azimuth: 261Dip: 32 Comment: Limonite, sericte on fracture															
71.33	71.33	fracture 45 Deg to CA, Azimuth: 64Dip: 21 Comment: Limonite, sericite and pyrite on fracture															
73.28	73.28	foliation 15 Deg to CA, Strong Azimuth: 58Dip: 52															
75.00	75.00	vein 70 Deg to CA, Azimuth: 173Dip: 41 Comment: 2.5 cm quartz vein with pyrite some oxidized, sericite selvage, cross-cuts foliation															
77.20	77.20	foliation 10 Deg to CA, Strong Azimuth: 285Dip: 81															
77.92	77.92	vein 50 Deg to CA, Azimuth: 72Dip: 16 Comment: Quartz vein, 3 cm wide, minor pyrite and arsenopyrite, minor limonite															
78.13	78.13	fracture 15 Deg to CA, Azimuth: 108Dip: 72 Comment: Limonite filled fracture															
79.38	79.38	vein 65 Deg to CA, Azimuth: 221Dip: 50 Comment: 1 mm carbonate pyrite veinlet															
79.90	79.90	vein 0 Deg to CA, Azimuth: 317Dip: 76 Comment: 3 cm wide quartz vein along foliation, pyrite along margins															
81.10	83.25	vein 80 Deg to CA, Comment: Discontinuous veinlets at ~80 TCA															
81.25	81.25	fracture 30 Deg to CA, Azimuth: 117Dip: 59 Comment: Clay and limonite filled fracture															
81.40	81.40	vein 40 Deg to CA, Azimuth: 107Dip: 42 Comment: Quartz pyrite vein, 6 mm wide															
82.10	82.10	vein 60 Deg to CA, Azimuth: 284Dip: 15 Comment: Carbonate pyrite limonite vein, 2 mm wide															
83.25	86.87	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:			Clay and limonite altered quartz muscovite schist. Moderately foliated near parallel to CA. Sulphides have been oxidized to limonite. Abundant limonite veinlets at 60-80 TCA, 16/m.														
INTERVALS DETAILS:				RDU_SM_611768	84.00	85.00	ASSAY	16.00		289.10	12.70	16.00	17.40	0.50	0.30	0.03	
Colour				RDU_SM_611770	85.00	86.00	ASSAY	4.00		73.50	21.30	30.00	17.30	0.50	0.30	0.05	
83.25	86.87	Dominant: 10 YR 6/6		RDU_SM_611771	86.00	86.87	ASSAY	1.00		14.40	11.80	31.00	15.50	0.30	0.10	0.35	
Texture																	
83.25	86.87	schistose															
Alteration																	
83.25	86.87	60-80% oxide Pervasive Level: 2 Comment: Strong limonite throughout															
83.25	86.87	60-80% argillic Pervasive Level: 1 Comment: Strong clay alteration															
Structure																	
86.20	86.20	foliation 5 Deg to CA, Azimuth: 20Dip: 57															

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From		To	Lithology	Samples Details													
86.87	95.20	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Quartz white mica schist with silica and sericite alteration. Increased quartz veins with pyrite and arsenopyrite. Large quartz vein from 91.08-91.23 m with arenenopyrite and pyrite along margins. Strongly foliated, no longer parallel to CA.													
INTERVALS DETAILS:				RDU_SM_611772	86.87	88.00	ASSAY	52.00			607.10	68.50	638.00	52.70	127.50	0.70	1.08
Colour				RDU_SM_611773	88.00	89.10	ASSAY	210.00			2,199.40	136.40	580.00	71.00	0.30	2.30	2.15
86.87	95.20	Dominant: N 7		RDU_SM_611774	89.10	90.00	ASSAY	152.00			580.50	129.20	599.00	62.00	1.70	1.10	1.37
		Comment: Minor green tinge		RDU_SM_611775	90.00	90.90	ASSAY	307.00			366.40	22.60	70.00	11.00	1.20	0.90	1.00
88.00	88.42	Dominant: 5 Y 8/1		RDU_SM_611776	90.90	91.38	ASSAY	435.00			10,000.00	99.70	313.00	19.50	0.30	4.20	1.65
				RDU_SM_611777	91.38	92.00	ASSAY	358.00			1,098.60	27.20	60.00	11.40	0.30	1.30	0.95
				RDU_SM_611778	92.00	93.00	ASSAY	73.00			455.30	4.60	9.00	10.20	3.30	0.40	0.44
Texture				RDU_SM_611779	93.00	94.00	ASSAY	133.00			370.30	18.50	60.00	65.60	0.30	0.70	0.90
86.87	95.20	schistose		RDU_SM_611780	93.00	94.00	FieldDup	18.00			149.60	20.20	103.00	101.90	0.40	0.80	0.95
				RDU_SM_611781	94.00	95.07	ASSAY	637.00			1,338.10	21.80	50.00	96.70	0.20	1.30	0.92
Mineral																	
86.87	90.90	0.01arsenopyrite Fine-grained															
		Comment: Minor occasional blebs of arsenopyrite															
86.87	90.90	1pyrite Fine-grained															
		Comment: Blebs of partially oxidized pyrite throughout															
88.00	88.42	0.5arsenopyrite Fine-grained															
		Comment: Blebs of arsenopyrite															
88.00	88.42	3pyrite Fine-grained															
		Comment: Pyrite in stringers															
89.50	89.50	0.01sphalerite Fine-grained															
		Comment: Minor bleb of possible sphalerite															
90.90	91.23	0.01sphalerite Fine-grained															
		Comment: Minor bleb of sphalerite near quartz vein															
90.90	91.23	0.5pyrite Fine-grained															
		Comment: Minor pyrite in vein															
90.90	91.23	2arsenopyrite Fine-grained															
		Comment: Along margins of quartz vein and in rock beside vein															
91.23	95.20	0.5pyrite Fine-grained															
		Comment: Minor pyrite in quartz veins															
91.23	95.20	0.01arsenopyrite Fine-grained															
		Comment: Minor arsenopyrite in quartz veins															
91.23	95.20	0.5pyrite Fine-grained															
		Comment: Blebby pyrite in schist															
Alteration																	
86.87	95.20	60-80% sericite Pervasive Level: 1															
		Comment: Moderate to strong sericite alteration															
86.87	95.20	40-60% silica Localized Level: 1															
		Comment: Moderate silicification															
86.87	95.20	0-20% oxide Fracture-related Level: 3															
		Comment: Local minor oxidation of fractures															
88.00	88.42	40-60% sericite Level: 1															
		Comment: Moderate sericite alteration															
88.00	88.42	40-60% silica Level: 1															
		Comment: Moderate silicification															

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FromToLithology			Samples Details														
Structure																	
86.87	87.00	vein 5 Deg to CA, Comment: Irregular quartz vein along foliation, trace pyrite															
87.66	87.84	vein 30 Deg to CA, Azimuth: 99Dip: 50 Comment: Approx measurement, irregular quartz vein, minor pyrite and arsenopyrite															
88.39	88.39	vein 20 Deg to CA, Azimuth: 111Dip: 68 Comment: Quartz vein in felsic dyke, quartz-pyrite-arsenopyrite, irregular															
88.48	88.48	fracture 25 Deg to CA, Azimuth: 269Dip: 73 Comment: Limonite filled fracture															
88.89	88.89	vein 50 Deg to CA, Azimuth: 146Dip: 51 Comment: Quartz vein, 2.5 cm, minor limonite, minor pyrite and arsenopyrite															
90.00	90.00	foliation 10 Deg to CA, Strong Azimuth: 32Dip: 53															
91.08	91.23	vein 40 Deg to CA, Azimuth: 177Dip: 75 Comment: Quartz vein with arsenopyrite, pyrite and sphalerite along margins, vein offset, irregular, 13 cm															
91.54	91.54	vein 20 Deg to CA, Azimuth: 353Dip: 44 Comment: Quartz vein with trace pyrite, 1 cm wide, along foliation															
94.10	94.10	foliation 20 Deg to CA, Strong Azimuth: 6Dip: 43															
94.25	94.25	vein Comment: Irregular 8 mm quartz vein wth minor arsenopyrite															
94.32	94.32	vein 45 Deg to CA, Azimuth: 185Dip: 72 Comment: 1 cm quartz vein with minor pyrite															
95.00	95.00	vein 50 Deg to CA, Comment: 2 cm quartz vein with large bleb of arsenopyrite, trace pyrite															
88.00	88.42	FDK, Felsic Dike	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments: Cream coloured, fine grained felsic dike with irregular contacts. Pyrite and arsenopyrite blebs within unit, some stringers. Siliceous and weakly sericite altered.																	
INTERVALS DETAILS:																	
Colour																	
88.00	88.42	Dominant: 5 Y 8/1															
Mineral																	
88.00	88.42	0.5arsenopyrite Fine-grained Comment: Blebs of arsenopyrite															
88.00	88.42	3pyrite Fine-grained Comment: Pyrite in stringers															
Alteration																	
88.00	88.42	40-60% sericite Level: 1 Comment: Moderate sericite alteration															
88.00	88.42	40-60% silica Level: 1 Comment: Moderate silicification															
Structure																	
88.39	88.39	vein 20 Deg to CA, Azimuth: 111Dip: 68 Comment: Quartz vein in felsic dyke, quartz-pyrite-arsenopyrite, irregular															

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FromToLithology			Samples Details													
95.20	103.96	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Clay and limonite altered quartz muscovite schist. Less quartz veining and less sulphides than previous unit.												
INTERVALS DETAILS:				RDU_SM_611783	96.00	97.00	ASSAY	17.00		232.00	17.80	115.00	80.30	0.30	0.40	0.18
Colour				RDU_SM_611784	97.00	98.00	ASSAY	139.00		502.20	12.60	46.00	22.70	0.20	0.40	0.21
95.20	100.93	Dominant: 10 YR 6/6	RDU_SM_611785	98.00	99.00	ASSAY	31.00		314.10	9.00	4.00	29.00	0.50	0.20	0.18	
			RDU_SM_611786	99.00	100.00	ASSAY	28.00		315.80	3.40	7.00	44.10	0.05	0.20	0.10	
			RDU_SM_611787	100.00	101.00	ASSAY	318.00		1,041.70	8.10	7.00	21.30	1.00	0.60	0.27	
100.93	102.60	Dominant: N 6	RDU_SM_611788	101.00	102.00	ASSAY	332.00		1,042.50	7.90	8.00	10.90	0.40	0.60	0.65	
			RDU_SM_611789	102.00	103.00	ASSAY	23.00		198.70	4.50	13.00	8.90	0.30	0.20	0.23	
102.60	103.96	Dominant: 10 YR 6/6	RDU_SM_611790	103.00	103.96	ASSAY	84.00		936.40	6.90	4.00	14.50	3.80	0.40	0.42	
Texture																
95.20	103.96	schistose														
95.20	103.96															
Mineral																
95.20	103.96	0.01pyrite Fine-grained														
				Comment: Minor pyrite blebs, most sulphide now limonite												
Alteration																
95.20	100.93	40-60% argillic Pervasive Level: 1														
				Comment: Moderate clay alteration												
95.20	100.93	40-60% oxide Pervasive Level: 1														
				Comment: Moderate limonite												
100.93	102.60	0-20% argillic Pervasive Level: 1														
				Comment: Weak clay alteration												
100.93	102.60	0-20% oxide Fracture-related Level: 3														
				Comment: Minor limonite on fractures												
100.93	102.60	0-20% sericite Pervasive Level: 1														
				Comment: Weak sericite alteration												
102.60	103.96	20-40% oxide Pervasive Level: 1														
				Comment: Weak to moderate limonite												
102.60	103.96	40-60% argillic Pervasive Level: 1														
				Comment: Moderate clay alteration												
Structure																
95.48	95.48	vein 25 Deg to CA, Azimuth: 131Dip: 73														
				Comment: Clay altered vein, 2 mm wide, minor pyrite near quartz												
95.64	95.64	fracture 45 Deg to CA, Azimuth: 128Dip: 47														
				Comment: Limonite filled fracture, point at which folition changes												
96.40	96.40	foliation 10 Deg to CA, Strong Azimuth: 303Dip: 72														
97.53	97.79	vein														
				Comment: Quartz vein with trace pyrite, minor limonite												
97.53	97.53	contact (upper) 65 Deg to CA, Azimuth: 263Dip: 18														
				Comment: Upper contact of quartz vein and schist												

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From	To	Lithology	Samples Details
97.79	97.79	contact (lower) 35 Deg to CA, Azimuth: 38Dip: 28 Comment: Lower contact of quartz vein and schist	
100.24	100.24	foliation 35 Deg to CA, Strong Azimuth: 184Dip: 82 Comment: Don't trust ori mark, foliation 180 from last ori	
101.10	101.18	vein 30 Deg to CA, Comment: Quartz vein along foliation with pyrite stringer through it	
103.40	103.40	foliation 15 Deg to CA, Strong Azimuth: 33Dip: 48	
103.88	103.88	vein 20 Deg to CA, Azimuth: 34Dip: 43 Comment: Quartz vein along foliation, 2 cm wide, minor pyrite and limonite	

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FromToLithology			Samples Details													
103.96	135.78	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz rich quartz muscovite schist with siliceous zones and sericite alteration. Increased quartz veining with blebby arsenopyrite and pyrite, minor sphalerite. Local kaolinite on fracture surfaces along with minor limonite. From 133.6 to end of interval, intrusion seems to be interfingering through core almost parallel to CA.													
INTERVALS DETAILS:				RDU_SM_611791	103.96	105.00	ASSAY	18.00		145.40	5.80	6.00	8.40	1.00	0.20	0.47
Colour				RDU_SM_611792	105.00	106.00	ASSAY	1.00		17.20	3.00	6.00	3.70	0.80	0.10	0.17
103.96	122.72	Dominant: N 7		RDU_SM_611793	106.00	107.00	ASSAY	107.00		907.00	9.10	6.00	9.10	0.80	0.60	0.66
				RDU_SM_611795	107.00	108.00	ASSAY	263.00		1,132.10	10.70	5.00	7.20	0.90	0.40	0.53
				RDU_SM_611796	108.00	109.00	ASSAY	854.00		3,814.80	13.20	9.00	5.00	0.50	0.50	0.60
122.72	135.78	Dominant: N 5		RDU_SM_611797	109.00	110.00	ASSAY	291.00		5,362.70	21.50	12.00	5.60	0.90	0.90	0.82
				RDU_SM_611798	110.00	111.00	ASSAY	234.00		1,168.30	51.70	29.00	8.40	0.90	0.70	0.60
Texture				RDU_SM_611799	111.00	112.00	ASSAY	850.00		1,582.20	50.60	24.00	12.60	0.40	1.10	0.63
103.96	122.72	schistose		RDU_SM_611800	112.00	113.00	ASSAY	77.00		446.40	10.40	10.00	8.40	0.20	0.60	0.53
				RDU_SM_611801	113.00	114.00	ASSAY	33.00		236.00	3.50	5.00	6.40	0.20	0.60	0.46
Mineral				RDU_SM_611802	114.00	115.00	ASSAY	118.00		1,608.90	4.70	5.00	6.90	0.40	0.70	0.85
103.96	108.00	1pyrite Fine-grained		RDU_SM_611803	115.00	116.00	ASSAY	30.00		516.30	4.20	5.00	4.80	1.30	0.20	0.41
		Comment: Discontinuous stringers of pyrite, minor oxidation of sulphides		RDU_SM_611805	116.00	116.87	ASSAY	21.00		550.30	5.10	13.00	7.70	0.10	0.30	0.74
108.00	109.00	0.5pyrite Fine-grained		RDU_SM_611806	116.87	117.70	ASSAY	84.00		2,831.50	25.00	97.00	8.20	0.80	0.90	0.71
		Comment: Blebs of pyrite near arsenopyrite in veins or in schist		RDU_SM_611807	117.70	118.40	ASSAY	158.00		2,530.40	12.50	20.00	7.20	0.30	1.00	0.52
108.00	109.00	2arsenopyrite Fine-grained		RDU_SM_611808	118.40	118.75	ASSAY	173.00		3,478.40	21.80	33.00	9.40	0.20	1.10	0.65
		Comment: Blebs of arsenopyrite in Quartz veins and in schist		RDU_SM_611809	118.75	119.56	ASSAY	432.00		2,629.50	9.00	19.00	7.40	0.80	0.90	0.58
109.00	116.38	0.01arsenopyrite Fine-grained		RDU_SM_611810	119.56	120.30	ASSAY	44.00		1,026.60	4.50	11.00	5.40	0.20	0.30	0.40
		Comment: Minor arsenpyrite blebs		RDU_SM_611811	120.30	120.80	ASSAY	212.00		2,347.00	9.40	5.00	7.10	0.30	0.50	0.48
109.00	116.38	0.5pyrite Fine-grained		RDU_SM_611812	120.80	121.50	ASSAY	403.00		1,248.00	4.30	5.00	6.00	0.05	0.20	0.44
		Comment: Minor blebs of pyrite in schist and few in quartz veins		RDU_SM_611813	121.50	122.00	ASSAY	182.00		3,274.10	44.50	132.00	6.70	0.40	0.90	0.49
116.38	124.10	0.5arsenopyrite Fine-grained		RDU_SM_611814	122.00	123.00	ASSAY	327.00		1,736.30	11.30	15.00	7.10	0.20	0.30	0.41
		Comment: Blebs of arsenopyrite, in veins and schist		RDU_SM_611815	122.00	123.00	FieldDup	138.00		2,135.20	13.60	20.00	6.80	0.05	0.20	0.33
117.00	117.00	0.01sphalerite Fine-grained		RDU_SM_611816	123.00	123.93	ASSAY	364.00		1,725.30	21.80	25.00	5.80	0.30	0.70	0.36
		Comment: Trace sphalerite in quartz vein		RDU_SM_611817	123.93	125.00	ASSAY	89.00		2,100.70	9.50	20.00	8.60	0.50	0.70	0.51
117.55	117.56	5sphalerite Fine-grained		RDU_SM_611818	125.00	126.00	ASSAY	5.00		13.90	14.50	7.00	2.80	2.90	0.20	0.93
		Comment: Bleb of sphalerite in quartz vein		RDU_SM_611819	126.00	127.00	ASSAY	27.00		458.90	27.70	13.00	4.20	0.05	0.30	0.50
124.00	135.78	0.5pyrite Fine-grained		RDU_SM_611820	127.00	127.79	ASSAY	6.00		466.30	20.40	23.00	7.80	0.05	0.20	0.48
		Comment: Partially oxidized pyrite and fresher pyrite, minor pyrite in veins		RDU_SM_611821	127.79	128.50	ASSAY	115.00		471.60	116.90	72.00	5.10	0.70	0.20	0.38
127.61	127.61	0.01sphalerite Fine-grained		RDU_SM_611822	128.50	129.54	ASSAY	18.00		846.60	13.60	11.00	5.90	0.20	0.30	0.40
		Comment: Trace sphalerite in quartz vein		RDU_SM_611823	129.54	130.35	ASSAY	1.00		12.30	6.90	6.00	8.50	0.10	0.20	0.37
132.40	132.40	0.01sphalerite Fine-grained		RDU_SM_611824	130.35	131.35	ASSAY	14.00		252.40	7.70	5.00	7.60	0.90	0.20	0.56
		Comment: Trace sphalerite in quartz vein		RDU_SM_611825	131.35	132.00	ASSAY	82.00		2,397.00	7.20	3.00	11.80	0.05	0.40	0.84
103.96	126.15	0-20% oxide Fracture-related Level: 3		RDU_SM_611826	132.00	133.05	ASSAY	163.00		3,275.80	37.60	32.00	13.70	0.70	0.40	0.80
		Comment: Weak limonite on fractures		RDU_SM_611827	133.05	134.00	ASSAY	735.00		2,643.80	78.90	69.00	50.90	0.70	0.70	1.06
103.96	135.64	40-60% sericite Pervasive Level: 1		RDU_SM_611828	134.00	135.00	ASSAY	222.00		6,624.00	53.30	458.00	24.90	1.50	0.70	1.36
		Comment: Moderate sericite alteration		RDU_SM_611830	135.00	135.78	ASSAY	53.00		965.10	29.60	50.00	22.70	0.40	0.20	0.79
109.00	120.00	20-40% argillic Fracture-related Level: 2														
		Comment: Moderate clay on fractures														

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From	To	Lithology	Samples Details
110.65	113.12	40-60% silica Pervasive Level: 1 Comment: Moderate to strong silicification	
116.38	124.70	40-60% silica Pervasive Level: 1 Comment: Moderate to strong silicification	
124.70	135.78	40-60% silica Localized Level: 1 Comment: Local moderate silicification	
Structure			
106.21	106.21	foliation 5 Deg to CA, Azimuth: 55Dip: 61 Comment: Foliation undulates near parallel to CA	
106.68	106.68	fracture 30 Deg to CA, Azimuth: 259Dip: 72 Comment: Limonite filled fracture	
108.45	108.45	vein 60 Deg to CA, Azimuth: 177Dip: 54 Comment: 2 cm white quartz vein with large blebs of arsenopyrite, trace pyrite	
108.80	108.80	vein 25 Deg to CA, Azimuth: 156Dip: 84 Comment: 3 cm white quartz vein with large blebs of arsenopyrite and pyrite, truncated by fracture	
109.55	109.55	fracture 50 Deg to CA, Azimuth: 125Dip: 39 Comment: Limonite and clay filled fracture	
109.87	109.87	fracture 10 Deg to CA, Azimuth: 272Dip: 88 Comment: Limonite fracture with minor pyrite	
110.59	110.59	fracture 5 Deg to CA, Azimuth: 9Dip: 67 Comment: Fracture with pyrite, limonite and clay	
111.76	111.76	fracture 20 Deg to CA, Azimuth: 1Dip: 84 Comment: Kaolinite and limonite coated fracture	
111.89	112.22	breccia Comment: Silica flooded breccia zone, large schist clasts, dark grey quartz matrix, minor pyrite	
111.89	111.89	fracture 60 Deg to CA, Azimuth: 165Dip: 50 Comment: Kaolinite and limonite coated fracture	
112.22	112.22	vein 65 Deg to CA, Azimuth: 179Dip: 50 Comment: Dark grey quartz wih minor pyrite vein, 5 mm wide	
112.38	112.38	vein 30 Deg to CA, Azimuth: 216Dip: 51 Comment: Quartz along foliation, minor pyrite, 4 cm, irregular	
113.90	113.90	foliation 25 Deg to CA, Strong Azimuth: 20Dip: 37 Comment: Minor folding along foliation, squiggly line	
117.00	117.00	vein 15 Deg to CA, Comment: 1 cm quartz vein, minor pyrite, arsenopyrite and trace sphalerite	
117.40	117.40	vein 20 Deg to CA, Azimuth: 137Dip: 81 Comment: Quartz vein with minor pyrite and arsenopyrite, 3 cm	
117.57	117.57	vein 50 Deg to CA, Azimuth: 20Dip: 12 Comment: 2 cm quartz vein with pyrite and sphalerite bleb	
118.00	118.00	vein 40 Deg to CA, Azimuth: 169Dip: 73 Comment: 5 cm white quartz vein cross-cutting foliation with minor pyrite	
118.56	118.56	vein 50 Deg to CA, Azimuth: 146Dip: 51 Comment: 2 cm quartz pyrite arsenopyrite and sphalerite vein	
119.30	119.30	vein 25 Deg to CA, Azimuth: 147Dip: 81 Comment: 5 mm calcite vein	
120.53	120.53	vein 40 Deg to CA, Azimuth: 154Dip: 67 Comment: 1 cm quartz vein with pyrite and minor arsenopyrite, sulphides extend out of vein	

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From	To	Lithology	Samples Details
121.34	121.34	foliation 20 Deg to CA, Strong Azimuth: 20Dip: 42	
121.62	121.62	vein 40 Deg to CA, Azimuth: 139Dip: 60 Comment: 1.5 quartz vein with pyrite blebs	
121.77	121.77	vein 55 Deg to CA, Azimuth: 168Dip: 57 Comment: 2 mm arsenopyrite vein with quartz	
122.60	122.60	foliation 30 Deg to CA, Strong Azimuth: 36Dip: 33	
122.90	122.90	vein 40 Deg to CA, Azimuth: 147Dip: 64 Comment: 1 cm quartz vein with minor pyrite	
123.60	123.60	vein 45 Deg to CA, Azimuth: 193Dip: 73 Comment: 4.5 cm quartz vein, minor pyrite and arsenopyrite near margins	
124.05	124.05	vein 25 Deg to CA, Azimuth: 122Dip: 68 Comment: 3 mm quartz vein with minor arsenopyrite and pyrite	
124.06	124.06	fracture 30 Deg to CA, Azimuth: 242Dip: 80 Comment: Quartz, clay, pyrite and sericite	
124.56	124.56	vein 40 Deg to CA, Azimuth: 147Dip: 64 Comment: 5 mm quartz vein with minor pyrite and trace sphalerite	
125.40	125.40	foliation 40 Deg to CA, Strong Azimuth: 58Dip: 25	
125.86	125.86	vein 25 Deg to CA, Azimuth: 20Dip: 37 Comment: 1-3 cm quartz vein along foliation with pyrite	
126.40	126.40	vein 45 Deg to CA, Azimuth: 156Dip: 63 Comment: 1.5 cm quartz vein with trace pyrite	
126.60	126.66	vein 30 Deg to CA, Azimuth: 36Dip: 33 Comment: Quartz along foliation with trace pyrite	
127.43	127.43	vein 15 Deg to CA, Azimuth: 360Dip: 48 Comment: 1.5 cm quartz vein along foliation with pyrite along margins	
127.94	127.94	vein 20 Deg to CA, Azimuth: 145Dip: 85 Comment: 1 cm quartz vein	
128.00	128.00	fracture 20 Deg to CA, Azimuth: 272Dip: 71 Comment: Fracture with quartz and pyrite	
128.12	128.12	vein 25 Deg to CA, Azimuth: 164Dip: 87 Comment: 1 cm quartz vein with minor pyrite	
128.60	128.60	foliation 40 Deg to CA, Strong Azimuth: 360Dip: 23	
128.68	128.68	vein 20 Deg to CA, Azimuth: 154Dip: 89 Comment: 5 mm quartz vein with minor pyrite	
129.64	129.64	fracture 10 Deg to CA, Azimuth: 317Dip: 88 Comment: Kaolinite filled fracture	
131.29	131.29	vein 30 Deg to CA, Azimuth: 183Dip: 87 Comment: 5 mm quartz vein with minor pyrite	
132.73	132.73	vein 25 Deg to CA, Azimuth: 295Dip: 59 Comment: 1 cm quartz vein with pyrite	
132.80	133.05	band Comment: Alteration band, silica flooding, minor pyrite, dyke?	
133.10	133.10	vein 40 Deg to CA, Azimuth: 184Dip: 77 Comment: Older vein cut by quarz following foliaion, 1.4 cm vein, minor pyrite, arsenopyrite	

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From	To	Lithology	Samples Details
133.33	133.33	vein 15 Deg to CA, Azimuth: 351Dip: 81 Comment: 1 cm quartz vein wtih minor pyrite	
133.73	133.73	vein 30 Deg to CA, Azimuth: 166Dip: 83 Comment: Quartz vein, splits into 2 veins, 1 cm wide with pyrite	
134.38	134.38	vein 40 Deg to CA, Azimuth: 184Dip: 77 Comment: 5 mm quartz vein with pyrite	
134.57	134.57	foliation 10 Deg to CA, Strong Azimuth: 32Dip: 53	

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From		To	Lithology	Samples Details													
135.78	141.93	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Clay altered quartz muscovite schist. Weakly to moderately foliated with a pitted texture due to clay alteration. Quartz content increases towards end of interval. Local biotite rich sections with increased pyrite. Foliation is irregular but close to parallel with CA.														
INTERVALS DETAILS:					RDU_SM_611831	135.78	136.70	ASSAY	10.00		58.00	31.20	34.00	18.30	0.30	0.20	0.69
Colour					RDU_SM_611832	136.70	137.70	ASSAY	19.00		171.30	11.40	29.00	13.10	0.20	0.40	0.61
135.78	141.93	Dominant: 5 Y 7/2			RDU_SM_611833	137.70	138.68	ASSAY	24.00		455.30	14.10	16.00	18.70	0.30	0.40	1.01
					RDU_SM_611834	138.68	139.40	ASSAY	495.00		4,380.70	94.60	87.00	49.60	0.30	1.00	1.98
					RDU_SM_611835	139.40	140.00	ASSAY	14.00		147.20	19.20	5.00	13.00	0.20	0.50	0.55
Texture					RDU_SM_611836	140.00	141.00	ASSAY	32.00		479.30	21.30	11.00	9.30	0.40	0.20	0.38
135.78	141.93				RDU_SM_611837	141.00	141.93	ASSAY	420.00		1,140.60	79.00	20.00	11.60	0.30	0.50	0.95
135.78	141.93	schistose															
Mineral																	
135.78	138.87	0.01pyrite Fine-grained															
138.87	139.07	5pyrite Fine-grained															
139.07	140.50	0.01pyrite Fine-grained															
140.50	141.93	1pyrite Fine-grained															
					Comment: Fine grained dark pyrite in discontinuous stringers												
Alteration																	
135.78	141.93	20-40% oxide Localized Level: 2															
135.78	141.93	60-80% argillic Pervasive Level: 1															
					Comment: Strong clay alteration												
Structure																	
136.11	136.11	vein 15 Deg to CA, Azimuth: 341Dip: 83															
136.70	137.12	breccia															
138.25	138.25	foliation 20 Deg to CA, Moderate Azimuth: 20Dip: 42															
138.89	139.07	vein 30 Deg to CA, Azimuth: 51Dip: 35															
139.33	139.33	vein 80 Deg to CA, Azimuth: 184Dip: 34															
141.73	141.73	vein 15 Deg to CA, Azimuth: 33Dip: 48															
141.86	141.86	vein 80 Deg to CA, Azimuth: 182Dip: 21															
					Comment: 1 cm wide dark chalcedony vein with pyrite												

FromToLithology			Samples Details													
141.93	148.28	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz muscovite schist with local biotite. Quartz is still abundant throughout. Pyrite along foliation and in quartz veins. Visible gold at 144.95 m where pyrite along foliation meets quartz vein cross cutting foliation. Other quartz veins of similar orientation throughout unit but with less sulphide.													
INTERVALS DETAILS:				RDU_SM_611838	141.93	142.70	ASSAY	2,998.00		3,098.70	48.00	69.00	18.70	0.70	0.60	1.22
Colour				RDU_SM_611840	142.70	143.80	ASSAY	469.00		6,388.50	35.20	18.00	6.70	0.30	0.70	1.22
141.93	148.28	Dominant: N 5		RDU_SM_611841	143.80	144.78	ASSAY	1,951.00		2,738.60	20.60	7.00	10.00	0.70	0.60	1.08
				RDU_SM_611842	144.78	145.26	ASSAY	10,000.00		8,833.70	76.40	42.00	22.80	0.30	1.80	2.83
				RDU_SM_611843	145.26	146.00	ASSAY	391.00		3,051.70	18.90	23.00	6.50	2.40	1.20	0.75
Texture				RDU_SM_611844	146.00	147.00	ASSAY	432.00		2,891.30	24.30	10.00	9.00	0.50	1.10	1.05
141.93	148.28	schistose		RDU_SM_611845	147.00	148.00	ASSAY	2,210.00		1,384.20	35.70	15.00	12.70	0.40	1.20	0.85
Mineral																
141.93	144.45	0.5pyrite Fine-grained Comment: Minor blebs of pyrite														
142.90	142.90	0.01arsenopyrite Fine-grained Comment: Trace arsenopyrite in quartz vein														
144.33	144.33	0.01arsenopyrite Fine-grained Comment: Trace disseminated arsenopyrite														
144.45	145.35	2pyrite Fine-grained Comment: Pyrite patchy along foliation and in quartz vein														
144.95	144.95	0.01visible gold Fine-grained Comment: Minor possible VG in quartz vein where pyrite in foliation crosses quartz vein														
145.35	148.28	0.5pyrite Fine-grained Comment: Minor patches of pyrite in quartz veins and in schist, occasionally along foliation														
Alteration																
141.93	148.28	0-20% argillic Localized Level: 2 Comment: Weak clay alteration along foliation and on fractures														
141.93	148.28	40-60% silica Localized Level: 1 Comment: Moderate silicification locally														
141.93	148.28	0-20% sericite Pervasive Level: 1 Comment: Weak sericite alteration														
Structure																
142.21	142.21	vein 30 Deg to CA, Azimuth: 166Dip: 83 Comment: 1.5 cm wide quartz vein with minor pyrite														
142.90	142.90	vein 40 Deg to CA, Azimuth: 128Dip: 53 Comment: 1.5 cm quartz vein with pyrite and trace arsenopyrite														
143.08	143.08	vein 40 Deg to CA, Azimuth: 107Dip: 42 Comment: 1.5 cm quartz vein with trace pyrite														
143.69	143.69	vein 35 Deg to CA, Azimuth: 54Dip: 30 Comment: 2 cm quartz vein with trace pyrite														
144.20	144.20	foliation 25 Deg to CA, Strong Azimuth: 49Dip: 39														
144.33	144.33	vein 40 Deg to CA, Azimuth: 161Dip: 70 Comment: 8 mm quartz vein with minor pyrite														
144.95	144.95	vein 40 Deg to CA, Azimuth: 150Dip: 65 Comment: 1 cm quartz vein with pyrite and VG														

From	To	Lithology	Samples Details
145.05	145.05	foliation 10 Deg to CA, Strong Azimuth: 56Dip: 56 Comment: Pyrite along foliation	
145.41	145.41	vein 40 Deg to CA, Azimuth: 161Dip: 70 Comment: 5 mm quartz vein with minor pyrite	
145.63	145.63	vein 40 Deg to CA, Azimuth: 173Dip: 74 Comment: 8 mm quartz vein, offset by foliation, minor pyrite	
145.77	145.77	vein 40 Deg to CA, Azimuth: 154Dip: 67 Comment: 5 mm quartz vein with very minor pyrite	
146.50	146.50	vein 30 Deg to CA, Azimuth: 183Dip: 87 Comment: Quartz vein with pyrite	
146.75	146.75	foliation 15 Deg to CA, Azimuth: 46Dip: 49 Comment: Pyrite along quartz in foliation	
148.22	148.22	vein 25 Deg to CA, Azimuth: 269Dip: 73 Comment: Carbonate veinlet, 2 mm	

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From	To	Lithology	Samples Details													
148.28	152.40	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Similar to previous unit but with clay alteration. Increase in augens along foliation, quartz and feldspar augens, some altered to clay and some with minor sericite. Minor biotite along foliation. Less quartz veining.														
INTERVALS DETAILS:				RDU_SM_611847	149.00	150.00	ASSAY	1,023.00		1,019.60	22.00	7.00	15.20	0.80	0.90	0.82
Colour				RDU_SM_611848	150.00	151.00	ASSAY	2,417.00		2,235.00	25.90	25.00	14.50	1.00	1.10	0.99
148.28	152.40	Dominant: N 5		RDU_SM_611849	151.00	152.00	ASSAY	1,116.00		1,469.90	23.10	15.00	16.90	0.80	1.00	1.04
				RDU_SM_611850	151.00	152.00	FieldDup	1,565.00		1,817.50	37.70	29.00	15.20	0.60	1.20	1.19
				RDU_SM_611851	152.00	152.40	ASSAY	358.00		10,000.00	304.60	549.00	20.00	0.60	3.60	2.23
Texture																
148.28	152.40	agglomeritic														
		Comment: Augens 2-5 mm in size, 3% overall														
148.28	152.40	schistose														
Mineral																
148.28	152.40	0.5pyrite Fine-grained														
		Comment: Fine pyrite disseminated to patchy along foliation														
151.65	151.75	1arsenopyrite Fine-grained														
		Comment: Blebs in quartz along foliation														
Alteration																
148.28	152.40	20-40% silica Localized Level: 1														
148.28	152.40	20-40% sericite Pervasive Level: 1														
		Comment: Weak pervasive sericite alteration														
148.28	152.40	20-40% argillic Localized Level: 1														
		Comment: Weak to moderate clay alteration														
Structure																
149.57	149.57	vein 40 Deg to CA, Azimuth: 147Dip: 64														
		Comment: 1 cm wide quartz vein with trace pyrite														
150.66	150.66	foliation 30 Deg to CA, Strong Azimuth: 20Dip: 32														
151.25	151.25	vein 30 Deg to CA,														
		Comment: 1 cm quartz vein with minor pyrite														
151.70	151.70	vein 25 Deg to CA,														
		Comment: 2-7 cm wide quartz vein along foliation at 20-30 TCA, minor pyrite and arsenopyrite blebs														

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From		To	Lithology	Samples Details														
152.40	153.92	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	
Comments:		Strongly siliceous schist. Very little micas, very weak schistosity. Augens can still be seen along faint foliation. Increased arsenopyrite and pyrite in zone. Brecciation at end of interval in contact zone with increased quartz and clay altered schist. Upper contact is fractured, lower contact is in breccia zone.																
INTERVALS DETAILS:					RDU_SM_611852	152.40	153.00	ASSAY	110.00		10,000.00	78.70	82.00	13.00	1.30	3.40	1.27	
Colour					RDU_SM_611853	153.00	153.92	ASSAY	195.00		10,000.00	69.10	71.00	17.20	0.60	2.70	1.45	
152.40	153.92	Dominant: 5 Y 8/1																
Texture																		
152.40	153.92																	
153.24	153.92	brecciated Comment: Breccia with silica infill, angular schist fragments																
Mineral																		
152.40	153.92	1arsenopyrite Fine-grained Comment: Blebs of arsenopyrite mostly in quartz veins																
152.40	153.92	1pyrite Fine-grained Comment: Blebs of pyrite throughout, in wall rock and quartz veins																
Alteration																		
152.40	153.24	40-60% argillic Level: 1 Comment: Moderate clay alteration																
153.24	153.92	80-100% silica Level: 1 Comment: Strong silica flooding																
Structure																		
152.90	152.90	vein 50 Deg to CA, Azimuth: 129Dip: 41 Comment: 3 cm quartz vein with blebs of arsenopyrite and minor pyrite																
153.10	153.10	vein 30 Deg to CA, Azimuth: 251Dip: 76 Comment: 2 cm quartz vein with pyrite and minor arsenopyrite																
153.24	153.92	breccia Comment: Fracutred schist, clay altered and silicified with silica stockwork infill, arsenopyrite and pyrite																

FromToLithology			Samples Details													
153.92	164.91	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Similar to 148.28-152.40 m. Increasing amounts of biotite but still have muscovite. Local clay alteration and sericite alteration. Minor siliceous sections towards end of unit. Fractures are oxidized, minor light green oxidation (orpiment?). Augens not as prominent. Less sulphides and less quartz veining.													
INTERVALS DETAILS:				RDU_SM_611854	153.92	155.00	ASSAY	7,170.00		4,922.50	25.30	17.00	18.20	0.20	1.60	1.25
Colour				RDU_SM_611855	155.00	156.00	ASSAY	347.00		3,291.10	45.50	24.00	9.20	0.40	0.70	0.45
153.92	164.91	Dominant: N 4		RDU_SM_611856	156.00	157.00	ASSAY	89.00		233.70	31.10	10.00	12.70	1.40	2.00	0.56
				RDU_SM_611857	157.00	158.00	ASSAY	4,476.00		2,238.00	26.80	23.00	19.40	1.00	3.30	1.58
				RDU_SM_611858	158.00	159.00	ASSAY	108.00		971.30	12.80	13.00	24.00	1.20	2.50	1.29
Texture				RDU_SM_611859	159.00	160.50	ASSAY	327.00		1,999.30	59.50	48.00	15.00	1.10	2.30	0.78
153.92	164.91	schistose		RDU_SM_611860	160.50	162.00	ASSAY	268.00		4,547.90	20.40	33.00	14.40	1.40	1.10	0.73
				RDU_SM_611861	162.00	163.50	ASSAY	449.00		3,587.60	16.00	22.00	16.10	1.40	0.80	1.02
155.45	162.00	augen Comment: Weak small augens along foliation		RDU_SM_611862	163.50	164.91	ASSAY	643.00		3,224.40	11.80	21.00	12.30	0.60	0.60	0.78
163.43	164.91	augen Comment: Weak small augens along foliation														
Mineral																
153.92	162.00	0.1pyrite Fine-grained Comment: Fine pyrite disseminated along foliation locally														
154.40	154.40	0.01arsenopyrite Fine-grained Comment: Minor arsenopyrite in quartz vein														
158.85	159.20	0.5arsenopyrite Fine-grained Comment: Blebs of arsenopyrite														
158.85	159.20	10pyrite Medium-grained Comment: Pyrite in vuggy quartz vein														
159.70	159.90	2pyrite Fine-grained Comment: Disseminated with limonite in crumbly zone														
162.00	164.91	0.1arsenopyrite Fine-grained Comment: Blebs of arsenopyrite in veins														
162.00	164.91	0.5pyrite Fine-grained Comment: Blebs of pyrite in quartz veins and in schist														
Alteration																
153.92	162.78	20-40% argillic Pervasive Level: 1 Comment: Weak clay alteration throughout														
153.92	162.00	20-40% oxide Localized Level: 2 Comment: Limonite mostly on fractures, some orpiment(?) from 159-160 m														
162.78	164.91	40-60% silica Pervasive Level: 1 Comment: Moderate silicification														
Structure																
154.40	154.40	fracture 30 Deg to CA, Comment: Fracture crosscuts quartz vein, limonite and clay infill														
154.40	154.40	vein 60 Deg to CA, Comment: Quartz vein with minor pyrite and arsenopyrite														
157.30	157.30	foliation 25 Deg to CA, Azimuth: 28Dip: 37 Comment: Pyrite along foliation														
159.10	159.10	vein 40 Deg to CA, Comment: Vuggy quartz vein, 2 cm wide, pyrite abundant, minor arsenopyrite														

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From	To	Lithology	Samples Details
159.76	159.87	gouge Comment: Very minor oxidized gouge	
162.10	162.10	vein 25 Deg to CA, Comment: 3 mm quartz vein with trace pyrite	
162.85	162.85	vein 35 Deg to CA, Comment: 7 cm quartz vein with minor pyrite and arsenopyrite along margins, foliaform	
163.00	163.00	vein 40 Deg to CA, Comment: Irregular quartz vein with blebs of pyrite and arsenopyrite	
164.40	164.40	foliation 50 Deg to CA, Strong	
164.58	164.68	breccia Comment: Fault breccia with quartz clasts and clay infill, vuggy, minor limonite	

From			To	Lithology	Samples Details													
164.91	170.07	QWMS, Quartz White Mica Schist			Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Silicified and sericite altered quartz muscovite schist. Strongly foliated, local minor augens. Local larger white quartz veins with arsenopyrite.															
INTERVALS DETAILS:					RDU_SM_611863	164.91	166.00	ASSAY	459.00		4,141.70	7.70	11.00	5.80	0.70	1.00	0.82	
Colour					RDU_SM_611865	166.00	167.50	ASSAY	249.00		1,974.80	5.50	12.00	6.50	0.30	0.60	0.41	
164.91	170.07	Dominant: N 6			RDU_SM_611866	167.50	169.00	ASSAY	203.00		1,401.30	16.20	13.00	7.70	0.80	0.70	0.42	
					RDU_SM_611867	169.00	170.07	ASSAY	23.00		564.20	16.70	14.00	12.90	0.40	0.70	0.95	
Texture																		
164.91	170.07	schistose																
167.70	169.28	augen																
					Comment: Minor small augens along foliation													
Mineral																		
164.91	170.07	0.5pyrite Fine-grained																
					Comment: Minor pyrite in quartz veins													
164.91	170.07	0.5pyrite Fine-grained																
					Comment: Partially oxidized pyrite blebs													
168.00	168.45	1arsenopyrite Fine-grained																
					Comment: Blebs of arsenopyrite													
Alteration																		
164.91	170.07	20-40% silica Pervasive Level: 1																
					Comment: Weak to moderate													
164.91	170.07	40-60% sericite Pervasive Level: 1																
					Comment: Moderate													
168.00	168.45	60-80% silica Pervasive Level: 1																
					Comment: Strong silicification													
Structure																		
165.05	165.05	vein 20 Deg to CA,																
					Comment: 1.5 cm quartz vein with pyrite													
165.80	165.80	vein 35 Deg to CA,																
					Comment: 3 mm quartz veinlet with minor pyrite													
167.01	167.01	vein 30 Deg to CA,																
					Comment: 5 mm quartz vein with pyrite													
167.50	167.50	foliation 30 Deg to CA, Strong																
167.90	168.40	vein 30 Deg to CA,																
					Comment: 4 parallel quartz veins with trace pyrite, 5-20 mm wide													
168.23	168.23	vein 25 Deg to CA,																
					Comment: Quartz vein crosscuts other quartz veins, trace pyrite, 5 mm wide													
168.38	168.38	vein 30 Deg to CA,																
					Comment: 1.5 cm quartz vein with large blebs of arsenopyrite													
169.64	169.64	vein 15 Deg to CA,																
					Comment: 8 cm white quartz vein with trace pyrite													

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From			To	Lithology	Samples Details													
170.07	184.62	QWMS, Quartz White Mica Schist			Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Weakly clay altered quartz muscovite schist, strongly foliated. Moderate sericite alteration throughout. Augen rich sections, clay altered. Minor quartz veining with sulphides.															
INTERVALS DETAILS:						RDU_SM_611868	170.07	171.50	ASSAY	202.00		1,418.80	8.30	13.00	7.30	1.20	0.50	0.61
Colour						RDU_SM_611869	171.50	173.00	ASSAY	331.00		469.70	10.10	13.00	8.40	2.00	0.70	0.62
170.07	184.62	Dominant: N 5				RDU_SM_611870	173.00	174.50	ASSAY	95.00		184.10	10.60	14.00	8.70	1.00	0.70	0.58
						RDU_SM_611871	174.50	175.50	ASSAY	186.00		565.60	26.70	34.00	7.70	0.20	0.60	0.76
						RDU_SM_611872	175.50	176.50	ASSAY	70.00		1,950.40	69.00	62.00	15.30	0.05	2.20	1.41
Texture						RDU_SM_611873	176.50	177.60	ASSAY	239.00		2,869.00	16.90	45.00	19.30	1.10	3.10	1.52
170.07	184.62	schistose				RDU_SM_611875	177.60	178.82	ASSAY	445.00		4,700.70	22.10	36.00	11.40	0.20	1.90	0.96
						RDU_SM_611876	178.82	180.00	ASSAY	554.00		3,048.00	4.70	16.00	11.60	0.30	1.00	0.80
176.60	176.60	augen				RDU_SM_611877	180.00	181.50	ASSAY	363.00		2,521.20	7.90	32.00	26.80	0.30	3.90	1.46
						RDU_SM_611878	181.50	183.00	ASSAY	241.00		1,566.70	8.70	44.00	36.10	0.20	2.90	1.92
Mineral						RDU_SM_611879	183.00	184.60	ASSAY	164.00		1,239.30	6.10	17.00	26.40	0.20	1.80	1.05
170.07	175.60	0.5pyrite Fine-grained																
						Comment: Minor blebs of pyrite in schist												
175.60	177.60	0.5pyrite Fine-grained																
						Comment: Discontinuous stringers with pyrite												
175.60	177.60	0.5pyrite Fine-grained																
						Comment: Minor blebs of pyrite in schist												
177.60	178.10	0.5arsenopyrite Fine-grained																
						Comment: Minor arsenopyrite in quartz veins												
177.60	178.10	1pyrite Fine-grained																
						Comment: Pyrite in quartz veins												
178.10	184.62	0.5pyrite Fine-grained																
						Comment: Minor blebs of pyrite in schist												
178.10	184.62	0.5pyrite Fine-grained																
						Comment: Minor pyrite in quartz veins and discontinuous stringers												
179.00	179.20	0.5arsenopyrite Fine-grained																
						Comment: Minor arsenopyrite in quartz vein												
Alteration																		
170.07	180.80	20-40% sericite Pervasive Level: 1																
						Comment: Moderate sericite alteration												
170.07	180.80	20-40% argillic Pervasive Level: 1																
						Comment: Moderate clay alteration throughout												
171.00	178.00	0-20% oxide Fracture-related Level: 3																
						Comment: Minor limonite on fractures												
180.80	184.62	20-40% argillic Fracture-related Level: 1																
						Comment: Clay now mainly on fractures												
180.80	184.62	40-60% sericite Pervasive Level: 1																
						Comment: Stronger sericite alteration												
Structure																		
170.27	170.27	foliation 50 Deg to CA, Strong Azimuth: 268Dip: 43																
						Comment: Bad ori?												
170.90	170.95	vein 45 Deg to CA, Azimuth: 272Dip: 47																
						Comment: 2 parallel 5 mm quartz veins with minor pyrite parallel to foliation, bad ori?												

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From	To	Lithology	Samples Details
171.15	171.15	vein 50 Deg to CA, Comment: 5 mm quartz vein with pyrite and carbonate	
171.50	171.50	vein 15 Deg to CA, Comment: 2 mm quartz vein with limonite on margins	
173.47	173.47	vein 40 Deg to CA, Azimuth: 284Dip: 46 Comment: 1 cm quartz vein with trace pyrite, limonite on margins	
175.64	175.64	vein 40 Deg to CA, Comment: 1 cm quartz vein wtih pyrite	
175.85	175.85	vein 15 Deg to CA, Comment: 5 mm quartz vein with minor pyrite, irregular	
176.62	176.62	vein 20 Deg to CA, Azimuth: 263Dip: 81 Comment: 1 cm quartz vein with pyrite	
176.80	176.80	foliation 15 Deg to CA, Strong Azimuth: 40Dip: 79	
177.78	177.78	vein 45 Deg to CA, Comment: 3 cm quartz vein with pyrite and lesser arsenopyrite	
178.00	178.00	vein 25 Deg to CA, Comment: 3 cm quartz vein along foliation with minor pyrite and arsenopyrite	
178.70	178.70	vein 35 Deg to CA, Azimuth: 184Dip: 82 Comment: 2 cm irregular quartz vein	
179.00	179.00	vein 20 Deg to CA, Comment: 1 cm quartz vein with pyrite and arsenopyrite, minor carbonate	
184.10	184.10	foliation 0 Deg to CA, Strong	

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FromToLithology			Samples Details													
184.62	186.67	FDK, Felsic Dike	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Light yellowish grey, strongly altered unit. Very weak foliation visible at the beginning of unit but disappears mid unit . Local strong clay alteration, sericite alteration and minor local silicification. Abundant arsenopyrite in veinlets. Unit is fine grained and bleached. Minor quartz veining. Minor breccias <10 cm wide. Possible dyke that has been altered.													
INTERVALS DETAILS:				RDU_SM_611881	185.00	186.67	ASSAY	141.00		10,000.00	271.60	219.00	9.40	0.50	2.00	1.54
Colour																
184.62	186.67	Dominant: 5 Y 7/2														
Texture																
184.62	185.75	schistose Comment: Weakly schistose														
Mineral																
184.62	186.67	1.5pyrite Fine-grained Comment: Pyrite in stringers and veinlets														
184.62	186.67	0.5pyrite Fine-grained Comment: Minor blebby pyrite														
184.62	186.67	3arsenopyrite Fine-grained Comment: Large blebs of fine grained arsenopyrite in quartz veins and wallrock														
Alteration																
184.62	186.67	40-60% silica Localized Level: 2 Comment: Minor siliceous zones														
184.62	185.75	40-60% argillic Pervasive Level: 1 Comment: Moderate clay alteration, some kaolinite														
184.62	186.67	40-60% sericite Pervasive Level: 1 Comment: Moderate sericite alteration														
Structure																
185.12	185.12	vein 35 Deg to CA, Comment: 3 mm, irregular arsenopyrite veinlet														
185.46	185.46	vein 55 Deg to CA, Comment: Quartz-clay-arsenopyrite vein, 0.5-1 cm wide														
185.75	185.75	vein 50 Deg to CA, Azimuth: 328Dip: 16 Comment: Brecciated clay, arsenopyrite and pyrite vein, minor graphite, 1 cm wide														
185.95	185.95	vein 50 Deg to CA, Azimuth: 261Dip: 47 Comment: 1 cm quartz vein with arsenopyrite bleb, minor pyrite														
186.14	186.14	vein 25 Deg to CA, Azimuth: 38Dip: 88 Comment: 2 mm pyrite, arsenopyrite, quartz veinlet														
186.21	186.21	vein 35 Deg to CA, Azimuth: 264Dip: 64 Comment: 1 cm arsenopyrite-quartz-pyrite vein														
186.29	186.29	vein 40 Deg to CA, Azimuth: 268Dip: 55 Comment: Irregular, 1-8 mm quartz-arsenopyrite-pryite veinlet														
186.46	186.52	breccia 50 Deg to CA, Comment: Mini breccia with arsenopyrite and pyrite with quartz infill														

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FromToLithology			Samples Details													
186.67	194.46	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Quartz muscovite schist with local silica alteration and sericite alteration. Minor clay altered zone. Quartz veins with arsenopyrite and pyrite. Minor to strong augens throughout.												
INTERVALS DETAILS:				RDU_SM_611882	186.67	188.00	ASSAY	18.00		384.00	15.20	12.00	9.60	0.50	0.50	0.65
Colour				RDU_SM_611883	188.00	189.50	ASSAY	4.00		164.90	5.80	15.00	3.40	0.60	0.05	0.26
186.67	194.46	Dominant: N 5		RDU_SM_611884	189.50	191.00	ASSAY	186.00		5,479.20	9.70	11.00	12.30	0.30	0.70	0.95
				RDU_SM_611885	189.50	191.00	FieldDup	264.00		4,027.90	8.70	9.00	12.20	0.30	0.90	0.84
				RDU_SM_611886	191.00	192.30	ASSAY	148.00		2,780.30	4.60	9.00	8.80	0.20	0.50	0.83
Texture				RDU_SM_611887	192.30	193.30	ASSAY	451.00		1,527.60	4.10	7.00	6.10	0.50	0.30	0.57
186.67	194.46	augen Comment: Small augens, 1-3 mm in size		RDU_SM_611888	193.30	194.46	ASSAY	61.00		4,304.80	15.80	23.00	6.50	0.40	0.70	0.93
186.67	194.46	schistose														
Mineral																
186.67	194.46	0.5pyrite Fine-grained Comment: Minor pyrite in quartz veins and small stringers														
189.68	189.68	0.1arsenopyrite Fine-grained Comment: Minor arsenopyrite in quartz vein														
191.10	191.50	3arsenopyrite Fine-grained Comment: Blebs of arsenopyrite in quartz vein and schist														
193.40	193.60	5arsenopyrite Fine-grained Comment: Blebs of arsenopyrite in quartz vein and in schist														
Alteration																
186.67	194.46	40-60% sericite Pervasive Level: 1 Comment: Moderate sericite alteration														
186.67	190.70	40-60% silica Localized Level: 1 Comment: Moderate silicification locally														
190.70	192.02	60-80% argillic Fracture-related Level: 1 Comment: Strong clay on fractures, strongly fractured														
192.02	194.46	40-60% silica Localized Level: 1 Comment: Moderate to strong silicification locally														
Structure																
187.09	187.09	vein 35 Deg to CA, Azimuth: 264Dip: 64 Comment: Pink carbonate vein with minor pyrite														
188.60	188.60	foliation 50 Deg to CA, Strong Azimuth: 61Dip: 15														
189.68	189.68	vein 25 Deg to CA, Azimuth: 38Dip: 88 Comment: 1 cm quartz vein with minor pyrite and arsenopyrite														
190.23	190.23	fracture 40 Deg to CA, Azimuth: 246Dip: 67 Comment: Fracture with quartz, clay and minor pyrite														
190.35	190.35	vein 35 Deg to CA, Azimuth: 256Dip: 68 Comment: Clay altered vein with blebs of arsenopyrite and lesser pyrite, 5 mm wide														
191.65	191.65	vein Comment: Strongly fractured quartz vein with trace pyrite 3.5 cm wide														
192.46	192.46	vein 20 Deg to CA, Comment: 5 mm quartz vein with minor pyrite														

From	To	Lithology	Samples Details
193.40	193.58	vein 35 Deg to CA, Azimuth: 192Dip: 83 Comment: Quartz vein with blebs of arsenopyrite and minor pyrite, vein truncated by fracture	
194.44	194.44	vein 50 Deg to CA, Azimuth: 286Dip: 32 Comment: 5 mm quartz vein with pyrite	

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From		To	Lithology	Samples Details													
194.46	222.35	QWMS, Quartz White Mica Schist		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Well foliated quartz muscovite schist with siliceous zones, minor clay alteration and sericite alteration. Quartz veins with minor sulphides (pyrite and arsenopyrite). Minor biotite locally.													
INTERVALS DETAILS:				RDU_SM_611889	194.46	196.14	ASSAY	17.00		191.70	13.50	15.00	6.20	1.00	0.50	0.54	
Colour				RDU_SM_611890	196.14	197.50	ASSAY	3.00		30.90	14.70	10.00	2.10	2.10	0.05	0.53	
194.46	222.35	Dominant: N 6		RDU_SM_611891	197.50	199.00	ASSAY	1.00		66.50	50.50	12.00	3.40	1.70	0.10	0.34	
				RDU_SM_611892	199.00	200.50	ASSAY	94.00		2,552.30	149.80	120.00	16.20	0.30	0.50	1.02	
				RDU_SM_611893	200.50	202.00	ASSAY	37.00		1,038.10	36.90	65.00	22.80	0.20	0.90	1.27	
Texture				RDU_SM_611894	202.00	203.55	ASSAY	22.00		148.50	7.40	10.00	8.30	4.20	0.30	0.31	
194.46	222.35	schistose		RDU_SM_611895	203.55	205.00	ASSAY	53.00		705.60	35.40	17.00	7.70	3.30	0.10	0.30	
				RDU_SM_611896	205.00	206.50	ASSAY	78.00		1,848.80	63.60	89.00	32.30	0.05	0.40	0.95	
Mineral				RDU_SM_611897	206.50	208.00	ASSAY	143.00		1,553.30	22.80	42.00	15.10	0.30	0.20	0.95	
194.46	196.00	0.5pyrite Fine-grained		RDU_SM_611898	208.00	209.50	ASSAY	36.00		258.20	5.30	27.00	4.90	0.05	0.05	0.37	
		Comment: Minor blebs of oxidized pyrite, minor pyrite in quartz vein		RDU_SM_611900	209.50	211.00	ASSAY	10.00		235.30	20.90	17.00	6.30	1.00	0.40	0.76	
194.46	222.35	0.5pyrite Fine-grained		RDU_SM_611901	211.00	212.50	ASSAY	26.00		129.80	6.00	7.00	5.10	0.70	0.10	0.33	
		Comment: Minor pyrite in local stringers and in quartz veins		RDU_SM_611902	212.50	214.20	ASSAY	15.00		381.60	7.30	21.00	6.50	0.70	0.30	0.45	
196.00	222.35	0.1pyrite Fine-grained		RDU_SM_611903	214.20	215.50	ASSAY	61.00		374.20	9.50	12.00	3.80	0.10	0.40	0.62	
		Comment: Minor blebs of oxidized pyrite		RDU_SM_611904	215.50	217.00	ASSAY	38.00		639.70	31.50	28.00	6.30	5.00	0.40	0.73	
200.09	200.09	0.1chalcopyrite Fine-grained		RDU_SM_611905	217.00	218.50	ASSAY	37.00		1,450.30	9.60	17.00	7.70	0.70	0.30	0.58	
		Comment: Minor chalcopyrite in quartz vein		RDU_SM_611906	218.50	220.00	ASSAY	5.00		17.20	8.60	22.00	16.50	2.60	0.60	0.81	
204.26	204.26	0.1molybdenite Fine-grained		RDU_SM_611907	220.00	221.50	ASSAY	63.00		112.60	9.00	32.00	20.30	1.00	0.30	0.44	
		Comment: Minor moly? very soft, bluish silver, in quartz vein															
205.65	205.65	0.1arsenopyrite Fine-grained															
		Comment: Minor arsenopyrite in quartz vein															
205.65	205.65	0.1sphalerite Fine-grained															
		Comment: Minor sphalerite in quartz vein															
206.90	206.99	10pyrite Fine-grained															
		Comment: Pyrite in quartz vein, 1 cm wide															
210.74	210.80	10pyrite Fine-grained															
		Comment: Pyrite in quartz vein, 1 cm wide															
Alteration																	
194.46	222.35	40-60% sericite Pervasive Level: 1															
		Comment: Moderate sericite alteration															
198.62	202.12	20-40% argillic Localized Level: 2															
		Comment: Weak clay alteration															
215.00	222.35	0-20% argillic Localized Level: 2															
		Comment: Weak local clay alteration															
Structure																	
194.70	194.70	foliation 35 Deg to CA, Strong Azimuth: 216Dip: 82															
195.10	195.10	vein 50 Deg to CA, Azimuth: 257Dip: 49															
		Comment: Quartz vein, 5 mm with minor oxidized pyrite															
196.40	196.40	foliation 25 Deg to CA, Strong Azimuth: 227Dip: 90															
196.93	196.93	vein 40 Deg to CA, Azimuth: 314Dip: 33															
		Comment: 1 cm quartz vein															

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From	To	Lithology	Samples Details
198.60	198.60	vein 50 Deg to CA, Azimuth: 300Dip: 25 Comment: 3.5 cm quartz vein with minor pyrite	
199.49	199.65	vein 55 Deg to CA, Azimuth: 269Dip: 35 Comment: 15 cm quartz vein with minor pyrite	
200.00	200.13	vein 40 Deg to CA, Azimuth: 261Dip: 60 Comment: 2 parallel quartz veins, 3-5 mm wide, one with pyrite and trace chalcopyrite	
202.38	202.38	vein 60 Deg to CA, Azimuth: 229Dip: 52 Comment: 8 mm quartz vein with minor pyrite	
203.08	203.08	vein 50 Deg to CA, Azimuth: 234Dip: 61 Comment: Quartz vein with trace pyrite, 8 mm	
203.31	203.31	vein 50 Deg to CA, Azimuth: 229Dip: 52 Comment: 3 cm quartz vein with minor pyrite	
203.81	203.81	vein 60 Deg to CA, Azimuth: 218Dip: 56 Comment: 5 mm quartz vein with minor pyrite	
204.26	204.26	vein 50 Deg to CA, Azimuth: 247Dip: 55 Comment: Quartz vein with trace moly? and trace pyrite, 5 cm vein	
205.03	205.03	vein 60 Deg to CA, Azimuth: 256Dip: 36 Comment: 5 mm quartz vein with minor pyrite	
205.32	205.32	foliation 30 Deg to CA, Strong Azimuth: 166Dip: 83	
205.50	205.62	vein 35 Deg to CA, Azimuth: 241Dip: 75 Comment: 2 parallel quartz veins with minor sphalerite and arsenopyrite, 1 cm each	
206.08	206.08	vein 50 Deg to CA, Azimuth: 312Dip: 20 Comment: 2.5 cm quartz vein with oxidized pyrite	
206.97	206.97	vein 25 Deg to CA, Azimuth: 6Dip: 88 Comment: 1 cm quartz vein with abundant pyrite along foliation	
207.31	207.31	vein 50 Deg to CA, Azimuth: 268Dip: 43 Comment: Quartz vein with minor pyrite, 1 cm	
209.80	209.88	vein 70 Deg to CA, Azimuth: 247Dip: 21 Comment: 2 parallel quartz veins, 1-2 cm wide, minor pyrite	
209.94	209.94	vein 50 Deg to CA, Azimuth: 254Dip: 51 Comment: 5 mm quartz vein with minor pyrite	
210.12	210.12	vein 50 Deg to CA, Azimuth: 241Dip: 58 Comment: 5 mm irregular quartz vein with minor pyrite	
210.78	210.78	vein 30 Deg to CA, Azimuth: 183Dip: 87 Comment: Quartz vein with abundant pyrite, 1 cm	
213.10	213.10	foliation 30 Deg to CA, Strong Azimuth: 4Dip: 33	
213.80	214.56	breccia Comment: Clay rich fault breccia, strongly fractured	
215.84	216.00	vein 40 Deg to CA, Comment: 2 parallel quartz veins with pyrite and arsenopyrite 1 and 3 cm	
217.63	217.63	vein 20 Deg to CA, Comment: 2 quartz veins, one at 20 then other foliaform at 30, minor pyrite	
219.39	219.39	vein 50 Deg to CA, Comment: Quartz vein, 1 cm quartz and pyrite	

Lithology			Samples Details													
From	To		Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz muscovite +/- biotite schist with sericite alteration. Minor quartz augens locally. Less clay alteration than previous unit.													
INTERVALS DETAILS:				RDU_SM_611910	223.00	224.50	ASSAY	134.00		2,286.00	11.60	22.00	8.20	0.60	0.50	0.57
Colour				RDU_SM_611911	224.50	226.00	ASSAY	24.00		86.90	6.00	13.00	7.50	0.30	0.30	0.59
222.35	242.97	Dominant: N 5		RDU_SM_611912	226.00	227.50	ASSAY	83.00		202.40	5.60	22.00	10.60	0.40	0.30	0.56
				RDU_SM_611913	227.50	229.00	ASSAY	508.00		33.10	24.60	57.00	14.40	0.70	0.20	0.64
				RDU_SM_611914	229.00	230.50	ASSAY	17.00		10.00	6.80	50.00	12.20	0.80	0.20	0.31
Texture				RDU_SM_611915	230.50	232.00	ASSAY	1.00		9.10	8.20	55.00	15.70	0.20	0.20	0.39
222.35	242.97	schistose		RDU_SM_611916	232.00	233.50	ASSAY	159.00		6.00	261.10	41.00	15.60	0.40	0.30	0.47
				RDU_SM_611917	233.50	235.00	ASSAY	84.00		1,188.10	10.50	40.00	11.50	0.50	0.30	0.65
229.20	231.65	augen		RDU_SM_611918	235.00	236.50	ASSAY	181.00		31.80	7.60	71.00	11.10	0.60	0.20	0.64
		Comment: Minor augens along foliation		RDU_SM_611919	236.50	238.00	ASSAY	490.00		1,880.20	8.70	16.00	11.50	0.80	0.30	0.50
Mineral				RDU_SM_611920	236.50	238.00	FieldDup	747.00		3,486.40	9.80	16.00	10.80	0.70	0.40	0.62
222.35	225.00	1pyrite Fine-grained		RDU_SM_611921	238.00	239.50	ASSAY	128.00		486.40	7.10	42.00	11.30	0.80	0.20	0.45
		Comment: Pyrite in quartz veinlets and stringers		RDU_SM_611922	239.50	241.00	ASSAY	37.00		187.50	8.20	53.00	15.50	1.10	0.50	1.24
222.35	225.00	0.5pyrite Fine-grained		RDU_SM_611923	241.00	242.00	ASSAY	7.00		19.20	6.70	44.00	23.10	0.20	0.40	0.57
		Comment: Blebs of pyrite		RDU_SM_611924	242.00	242.97	ASSAY	1.00		7.10	5.50	33.00	6.60	0.10	0.20	0.46
223.00	223.10	0.1arsenopyrite Fine-grained														
		Comment: Minor arsenopyrite in quartz vein														
223.10	235.50	0.5pyrite Fine-grained														
		Comment: Blebs of pyrite, minor pyrite in stringers/quartz veins														
231.65	232.00	1pyrite Fine-grained														
		Comment: Patch of pyrite in carbonate stockwork														
232.00	242.97	0.5pyrite Fine-grained														
		Comment: Minor pyrite in discontinuous stringers and quartz vein														
232.00	242.97	0.1pyrite Fine-grained														
		Comment: Minor blebs locally														
Alteration																
222.35	242.97	20-40% argillic Fracture-related Level: 3														
		Comment: Weak clay on some fractures														
222.35	242.97	40-60% sericite Pervasive Level: 1														
		Comment: Moderate sericite alteration														
230.34	230.46	80-100% silica Pervasive Level: 1														
		Comment: Intensely silicified zone														
Structure																
223.05	223.05	vein 60 Deg to CA,														
		Comment: 1.5 cm quartz vein with pyrite and arsenopyrite														
223.13	223.13	vein 40 Deg to CA,														
		Comment: 5 mm quartz vein with minor pyrite														
224.00	224.00	foliation 25 Deg to CA, Strong														
224.27	224.27	vein 60 Deg to CA,														
		Comment: 3 mm quartz vein with pyrite														
224.50	224.50	vein 20 Deg to CA,														
		Comment: Pyrite and quartz vein, 1 cm wide														

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From	To	Lithology	Samples Details
227.62	227.80	vein 30 Deg to CA, Comment: Roughly follows foliation, 15 cm quartz vein	
228.41	228.41	vein 30 Deg to CA, Comment: 5 mm quartz vein with minor pyrite	
230.70	230.70	foliation 25 Deg to CA, Strong	
230.80	230.80	vein 60 Deg to CA, Comment: 3 mm quartz vein, trace pyrite	
231.65	232.00	vein Comment: Carbonate stockwork with pyrite	
232.12	232.12	vein 30 Deg to CA, Azimuth: 108Dip: 55 Comment: 5 mm quartz vein with minor pyrite	
232.55	232.55	vein 45 Deg to CA, Azimuth: 200Dip: 73 Comment: 1 cm carbonate vein with trace pyrite	
233.40	233.40	foliation 25 Deg to CA, Strong Azimuth: 351Dip: 39	
234.12	234.12	vein 45 Deg to CA, Azimuth: 149Dip: 59 Comment: 1 cm quartz vein with trace pyrite	
235.32	235.32	vein 50 Deg to CA, Comment: 5 mm quartz vein wiith abundant pyrite	
239.00	239.00	foliation 25 Deg to CA, Strong	
242.63	242.63	vein 50 Deg to CA, Azimuth: 179Dip: 65 Comment: Carbonate vein with minor pyrite	
242.65	242.65	foliation 35 Deg to CA, Strong Azimuth: 313Dip: 39	

From			To	Lithology	Samples Details													
242.97	244.91	QWMS, Quartz White Mica Schist			Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz muscovite schist with sericit alteration. Partially brecciated with carbonate infilled fractures, deformed foliation.															
INTERVALS DETAILS:					RDU_SM_611925	242.97	244.00	ASSAY	38.00		942.50	11.50	26.00	7.80	0.30	0.20	0.14	
Colour					RDU_SM_611926	244.00	244.91	ASSAY	3.00		58.60	3.60	19.00	5.20	0.40	0.20	0.14	
242.97	244.91	Dominant: 5 Y 7/2																
Texture																		
242.97	244.91	schistose																
243.20	243.40	brecciated																
					Comment: Brecciated schist, angular clasts, carbonate infill													
Mineral																		
242.97	244.91	0.5pyrite Fine-grained																
					Comment: Pyrite in carbonate veins													
Alteration																		
242.97	244.91	40-60% sericite Pervasive Level: 1																
					Comment: Moderate sericite alteration													
242.97	244.91	20-40% calcite Fracture-related Level: 2																
					Comment: Calcite in fractures													
Structure																		
243.20	243.40	breccia																
					Comment: Brecciated schist with carbonate infill													
243.68	243.68	vein 65 Deg to CA, Azimuth: 169Dip: 45																
					Comment: Carbonate vein wtih pyrite, 1-4 mm wide													
244.40	244.40	foliation 30 Deg to CA, Strong Azimuth: 226Dip: 85																
244.78	244.78	vein 45 Deg to CA, Azimuth: 79Dip: 24																
					Comment: Carbonate vein, 2 mm with pryite													

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From	To	Lithology	Samples Details													
244.91	248.51	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Quartz muscovite schist. Abundant quartz, less muscovite. Some white quartz veins. Minor pyrite.												
INTERVALS DETAILS:				RDU_SM_611927	244.91	246.50	ASSAY	32.00		550.00	10.90	19.00	6.60	1.50	0.30	0.61
Colour				RDU_SM_611928	246.50	248.00	ASSAY	74.00		734.90	12.00	7.00	7.40	3.10	0.30	0.53
244.91	248.51	Dominant: N 6														
Texture																
244.91	248.51	schistose														
Mineral																
244.91	248.14	0.5pyrite Fine-grained														
		Comment: Pyrite mainly in stringers and quartz veins														
248.14	248.51	5pyrite Fine-grained														
		Comment: Pyrite in large quartz vein														
248.14	248.51	0.01arsenopyrite Fine-grained														
		Comment: In large quartz vein														
Alteration																
244.91	248.51	20-40% sericite Level: 1														
		Comment: Weak to moderate sericite alteration														
Structure																
246.91	247.25	vein														
		Comment: Irregular quartz vein with minor schist, Minor patch of pyrite along margin														
247.70	247.70	foliation 45 Deg to CA, Azimuth: 215Dip: 72														
248.14	248.51	vein 20 Deg to CA, Azimuth: 289Dip: 68														
		Comment: 7 cm quartz vein, part massive, other part has schist pieces, pyrite, trace arsenopyrite														

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FromToLithology			Samples Details													
248.51	289.31	QWMS, Quartz White Mica Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz muscovite +/- biotite schist with augens. Clay alteration grading into silicification. Weak to moderate sericite alteration. Local quartz veins with pyrite and arsenopyrite. Augens not as prevalent downhole, more sporadic.													
INTERVALS DETAILS:				RDU_SM_611930	248.52	250.00	ASSAY	26.00		98.70	5.20	6.00	5.60	0.70	0.10	0.37
Colour				RDU_SM_611931	250.00	251.50	ASSAY	61.00		1,306.40	11.70	20.00	9.90	1.50	0.20	0.39
248.51	289.31	Dominant: N 5		RDU_SM_611932	251.50	253.00	ASSAY	24.00		713.70	9.30	7.00	5.00	1.10	0.10	0.30
				RDU_SM_611933	253.00	254.50	ASSAY	40.00		431.20	8.30	11.00	5.80	0.30	0.10	0.40
				RDU_SM_611935	254.50	256.00	ASSAY	6.00		83.90	8.30	80.00	42.20	1.20	0.05	0.26
				RDU_SM_611936	256.00	257.50	ASSAY	86.00		1,415.20	9.80	15.00	8.10	0.20	0.50	0.36
Texture				RDU_SM_611937	257.50	259.00	ASSAY	143.00		478.70	42.50	85.00	22.30	0.80	0.20	0.58
248.51	273.70	augen	Comment: 10%, 1-3 mm, clay altered near top of unit then quartz rich schistose	RDU_SM_611938	259.00	260.50	ASSAY	576.00		1,498.90	41.10	56.00	6.10	0.30	0.50	0.52
				RDU_SM_611939	260.50	262.00	ASSAY	50.00		483.10	31.60	27.00	4.80	0.80	0.40	0.34
273.70	289.31	augen	Comment: 1-3 mm, localized, 5%	RDU_SM_611940	262.00	263.00	ASSAY	160.00		5,849.80	12.70	24.00	5.30	1.90	1.90	0.46
				RDU_SM_611941	263.00	264.50	ASSAY	218.00		1,022.40	5.90	10.00	5.40	0.70	0.40	0.44
Mineral				RDU_SM_611942	264.50	266.00	ASSAY	76.00		3,649.40	6.20	12.00	7.20	1.10	1.30	0.39
248.51	256.14	0.1pyrite Fine-grained	Comment: Minor pyrite in occasional stringers and veinlets	RDU_SM_611943	266.00	267.50	ASSAY	11.00		133.40	6.40	8.00	9.30	1.10	0.20	0.25
				RDU_SM_611945	267.50	269.00	ASSAY	62.00		973.80	4.80	10.00	6.20	1.00	0.30	0.27
252.88	252.88	0.5arsenopyrite Fine-grained	Comment: Arsenopyrite with pyrite in quartz vein	RDU_SM_611946	269.00	270.50	ASSAY	176.00		1,476.30	4.10	8.00	12.40	0.50	0.60	0.56
				RDU_SM_611947	270.50	272.00	ASSAY	96.00		3,134.10	4.90	17.00	13.30	0.60	0.80	0.45
256.14	262.56	0.5pyrite Fine-grained	Comment: Blebs of pyrite locally	RDU_SM_611948	272.00	273.50	ASSAY	14.00		578.70	10.20	15.00	8.40	0.60	0.30	0.21
				RDU_SM_611949	273.50	275.00	ASSAY	48.00		1,330.90	12.70	47.00	17.40	0.90	0.40	1.07
256.14	262.56	0.5arsenopyrite Fine-grained	Comment: Arsenopyrite in some quartz veins	RDU_SM_611950	275.00	276.50	ASSAY	1.00		9.40	3.80	17.00	8.20	2.20	0.10	0.30
				RDU_SM_611951	276.50	278.00	ASSAY	15.00		532.10	6.30	16.00	7.60	0.80	0.30	0.38
256.14	262.56	1pyrite Fine-grained	Comment: Pyrite in quartz veins and stringers	RDU_SM_611952	278.00	279.50	ASSAY	196.00		94.20	6.40	16.00	10.80	0.80	0.20	0.29
				RDU_SM_611953	279.50	281.02	ASSAY	42.00		605.90	3.90	7.00	8.40	1.00	0.30	0.23
262.56	262.82	0.5pyrrhotite Fine-grained	Comment: Minor bleb of pyrrhotite in quartz vein with arsenopyrite	RDU_SM_611954	281.02	282.50	ASSAY	178.00		1,192.60	4.00	6.00	13.50	0.90	0.50	0.39
				RDU_SM_611955	281.02	282.50	FieldDup	193.00		932.30	3.70	6.00	13.60	0.80	0.40	0.33
262.82	274.00	0.1arsenopyrite Fine-grained	Comment: Arsenopyrite in quartz stringers and veins	RDU_SM_611956	282.50	284.00	ASSAY	297.00		1,291.00	5.10	10.00	12.10	1.40	0.70	0.35
				RDU_SM_611957	284.00	285.50	ASSAY	189.00		1,905.20	13.00	14.00	13.60	0.90	1.00	0.61
262.82	272.80	0.1arsenopyrite Fine-grained	Comment: Minor sporadic blebs of arsenopyrite	RDU_SM_611958	285.50	287.00	ASSAY	143.00		3,367.70	9.30	22.00	10.90	1.10	0.80	0.60
				RDU_SM_611959	287.00	288.50	ASSAY	100.00		1,929.50	7.70	7.00	10.60	1.70	0.60	0.54
262.82	272.80	0.5pyrite Fine-grained	Comment: Pyrite in quartz stringers and veinlets													
262.82	274.00	0.5pyrite Fine-grained	Comment: Sporadic blebs of pyrite													
274.00	289.31	0.5pyrite Fine-grained	Comment: Pyrite in stringers and veins													
274.00	289.31	0.5pyrite Fine-grained	Comment: Sporadic blebs of pyrite													
282.40	289.31	0.1arsenopyrite Fine-grained	Comment: Minor arsenopyrite in veins													
Alteration																
248.51	289.31	20-40% sericite Localized Level: 1	Comment: Weak to moderate localized sericite alteration													

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From	To	Lithology	Samples Details
248.51	256.15	20-40% argillic Pervasive Level: 1 Comment: Weak to moderate clay alteration of augens and along foliation	
256.15	289.31	40-60% silica Pervasive Level: 1 Comment: Moderate silicification, locally strong	
Structure			
250.58	250.83	breccia 40 Deg to CA, Azimuth: 40Dip: 23 Comment: Siliceous breccia with abundant matrix, minor mangled schist clasts	
251.40	251.48	vein 50 Deg to CA, Azimuth: 207Dip: 68 Comment: 6 cm quartz vein with minor pyrite	
252.88	252.88	vein 40 Deg to CA, Azimuth: 351Dip: 24 Comment: Quartz vein with pyrite and arsenopyrite, 2 mm wide	
253.69	253.69	foliation 35 Deg to CA, Strong Azimuth: 221Dip: 81	
253.95	253.95	vein 30 Deg to CA, Azimuth: 12Dip: 32 Comment: 2-5 mm quartz and pyrite veinlet	
256.50	256.50	vein 20 Deg to CA, Azimuth: 6Dip: 43 Comment: Quartz vein with pyrite and clay on margins, fractured	
258.15	258.15	vein 30 Deg to CA, Azimuth: 89Dip: 45 Comment: Pyrite and orange soft mineral, clay? and quartz, 1-5 mm wide	
258.25	258.25	vein 30 Deg to CA, Azimuth: 317Dip: 43 Comment: 2.5 cm quartz vein with pyrite	
258.53	258.53	vein 40 Deg to CA, Azimuth: 308Dip: 35 Comment: 2 cm quartz vein with minor pyrite and arsenopyrite	
258.75	258.75	vein 50 Deg to CA, Azimuth: 193Dip: 68 Comment: 4 cm quartz vein with minor pyrite	
259.16	259.16	vein 30 Deg to CA, Azimuth: 335Dip: 37 Comment: 3 cm quartz-pyrite-arsenopyrite vein	
259.85	259.85	foliation 50 Deg to CA, Strong Azimuth: 186Dip: 67	
260.73	260.73	vein 50 Deg to CA, Azimuth: 282Dip: 34 Comment: 3 mm quartz vein with minor pyrite and arsenopyrite	
261.61	261.61	vein 40 Deg to CA, Azimuth: 73Dip: 28 Comment: 1 cm quartz vein with minor arsenopyrite and pyrite	
262.56	262.82	vein 35 Deg to CA, Azimuth: 175Dip: 80 Comment: 25 cm quartz vein with arsenopyrite and pyrrhotite	
263.95	263.95	vein 40 Deg to CA, Azimuth: 97Dip: 37 Comment: Pyrite quartz vein, 2 mm wide	
265.78	265.78	vein 25 Deg to CA, Azimuth: 236Dip: 87 Comment: Brecciated quartz vein, clay on margins	
268.00	268.00	foliation 50 Deg to CA, Strong Azimuth: 80Dip: 18	
270.68	270.68	vein 45 Deg to CA, Azimuth: 207Dip: 73 Comment: 5 cm quartz vein with pyrite and arsenopyrite	
270.70	270.70	foliation 50 Deg to CA, Strong Azimuth: 49Dip: 13	
273.75	273.75	vein 60 Deg to CA, Azimuth: 171Dip: 52 Comment: 3 cm quartz vein with abundant pyrite and minor arsenopyrite	
278.48	278.48	vein 40 Deg to CA, Azimuth: 161Dip: 70 Comment: 3 mm quartz vein with minor pyrite and clay along margins	

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From		To		Lithology		Samples Details												
279.41	279.41	fracture 35 Deg to CA, Azimuth: 175Dip: 80 Comment: Fracture with clay and minor pyrite																
279.64	279.64	foliation 50 Deg to CA, Strong Azimuth: 351Dip: 13																
284.15	284.15	vein 30 Deg to CA, Comment: 5 cm quartz vein with very fine dark mineral and arsenopyrite																
285.15	285.15	vein 40 Deg to CA, Comment: 5 mm quartz vein wtih pyrite and arsenopyrite																
286.36	286.36	vein 30 Deg to CA, Comment: 2.5 cm quartz vein with pyrite and arsenopyrite																
288.65	288.65	vein 40 Deg to CA, Azimuth: 147Dip: 64 Comment: Quartz vein with arsenopyrite and pyrite, 3 mm vein																
289.31	314.55	QWMS, Quartz White Mica Schist		Major Lithology		Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Sim as previous, 1-3% Py+Asp, disseminated and in stringers throughout (locally up to 5-7%). Minor quartz veining at 30-40° to CA. 3cm base metal vein @ 310.87 with m.g.-c.g. Ga+Sph+Py. EOH.																
INTERVALS DETAILS:						RDU_SM_611961	290.00	291.50	ASSAY	193.00		2,054.50	7.00	13.00	15.50	1.40	0.70	0.70
Colour						RDU_SM_611962	291.50	293.00	ASSAY	94.00		1,529.20	6.20	11.00	12.30	2.10	0.40	0.56
289.31	314.55	Dominant: N 5				RDU_SM_611963	293.00	294.50	ASSAY	9.00		114.40	7.10	11.00	13.00	0.60	0.30	0.55
						RDU_SM_611964	294.50	296.00	ASSAY	19.00		62.20	10.50	22.00	19.50	1.60	0.30	0.50
						RDU_SM_611965	296.00	297.50	ASSAY	171.00		801.80	8.70	23.00	19.70	1.30	0.40	0.61
Texture						RDU_SM_611966	297.50	299.02	ASSAY	286.00		1,438.30	9.40	11.00	13.20	1.10	0.80	0.56
289.31	314.55	schistose				RDU_SM_611967	299.02	300.50	ASSAY	417.00		6,646.80	17.90	24.00	11.00	1.80	1.50	0.72
						RDU_SM_611968	300.50	302.00	ASSAY	314.00		3,130.30	10.60	24.00	16.90	1.80	0.80	0.56
Mineral						RDU_SM_611970	302.00	303.50	ASSAY	361.00		2,737.10	16.10	11.00	11.70	0.90	0.80	0.64
289.31	314.55	1arsenopyrite Medium-grained Euhedral Comment: Locally up to 5-7% in quartz veins.				RDU_SM_611971	303.50	305.00	ASSAY	225.00		3,522.10	12.40	21.00	47.10	1.60	1.20	1.22
289.31	314.55	2pyrite Medium-grained Subhedral Comment: f.g-mg py, 1-3% overall, locally up to 3-5%.				RDU_SM_611972	305.00	306.50	ASSAY	814.00		7,180.20	21.30	38.00	38.70	1.80	1.50	1.25
						RDU_SM_611973	306.50	308.00	ASSAY	143.00		2,118.00	11.80	41.00	33.40	1.20	1.00	0.96
310.87	310.90	2pyrite Medium-grained Subhedral Comment: In quartz vein with ga+sph.				RDU_SM_611974	308.00	309.50	ASSAY	218.00		1,691.60	39.00	58.00	24.60	1.20	1.30	0.37
						RDU_SM_611975	309.50	311.00	ASSAY	53.00		3,867.50	2,609.10	397.00	10.50	3.50	4.90	0.46
310.87	310.90	15galena Fine-grained Anhedral Comment: In quartz vein with py+sph.				RDU_SM_611976	311.00	312.50	ASSAY	28.00		5,950.50	213.60	68.00	11.40	1.30	2.00	0.69
						RDU_SM_611977	312.50	313.50	ASSAY	34.00		2,739.00	32.70	35.00	39.60	2.30	0.60	0.66
310.87	310.90	5sphalerite Coarse-grained Subhedral Comment: In quartz vein with py+ga.				RDU_SM_611978	313.50	314.55	ASSAY	159.00		1,057.60	48.40	47.00	37.70	2.20	1.00	0.74
Alteration																		
289.31	314.55	sericite																
289.31	314.55	20-40% sericite Pervasive Level: 1																
Structure																		
289.31	314.55	foliation 50 Deg to CA, Azimuth: 61Dip: 15 Comment: Bottom of Ellipse.																

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Mineral Zones			
<u>From</u>	<u>To</u>	<u>Zone Length</u>	<u>Comments</u>
103.96	135.78	31.82	Increased quartz in schist, abundant arsenopyrite in veins and sometimes disseminated, pyrite. 135.78
86.87	95.20	8.33	Increased quartz veins with pyrite, arsenopyrite and minor sphalerite. Vein at 91.08-91.23 has abundant arsenopyrite along margins with lesser pyrite and trace sphalerite.
184.62	186.67	2.05	Strongly altered zone, clay and sericite with minor silica. Possible dyke. 5% arsenopyrite and pyrite mostly in quartz veins or blebs.
141.93	148.28	6.35	Silica rich schist, increased biotite, increased quartz veining. VG at 149.95 m where quartz vein intersects pyrite along foliation.

Mag Susc			
<u>Depth</u>	<u>Mag_susc</u>	<u>Mag_Susc_Rock</u>	<u>Comments</u>

RQD							
From	To	RQD Length	Core Rec	Width Core x2 5	RQD PCT	TCR PCT	Comments
304.80	307.85	3.05	3.05			100.00	
89.92	91.44	1.52	1.50			98.68	
313.94	314.55	0.61	0.61			100.00	EOH
307.85	310.90	3.05	3.04			99.67	
301.75	304.80	3.05	3.05			100.00	
295.66	298.70	3.04	3.04			100.00	
289.56	292.61	3.05	3.05			100.00	
284.99	286.82	1.83	1.78			97.27	
278.89	281.94	3.05	3.05			100.00	
259.08	262.13	3.05	3.05			100.00	
240.79	243.84	3.05	3.05			100.00	
243.84	246.89	3.05	2.98			97.70	
70.10	71.63	1.53	1.53			100.00	
156.97	157.58	0.61	0.60			98.36	
298.70	301.75	3.05	3.05			100.00	
310.90	313.94	3.04	3.05			100.33	
272.80	276.15	3.35	3.35			100.00	
266.70	269.75	3.05	3.05			100.00	
262.13	263.65	1.52	1.46			96.05	
256.03	259.08	3.05	3.05			100.00	
249.94	252.98	3.04	3.05			100.33	
252.98	256.03	3.05	3.00			98.36	
246.89	249.94	3.05	3.05			100.00	
238.66	240.79	2.13	2.09			98.12	
237.74	238.66	0.92	1.00			108.70	
234.70	237.74	3.04	3.02			99.34	
231.65	234.70	3.05	3.04			99.67	
228.60	231.65	3.05	3.01			98.69	
225.55	228.60	3.05	3.05			100.00	
222.50	225.55	3.05	3.03			99.34	
219.46	222.50	3.04	3.04			100.00	
216.41	219.46	3.05	3.03			99.34	
213.36	216.41	3.05	3.05			100.00	
97.54	99.06	1.52	1.52			100.00	
292.61	295.66	3.05	3.05			100.00	
286.82	289.56	2.74	2.74			100.00	
281.94	284.99	3.05	3.05			100.00	
276.15	278.89	2.74	2.74			100.00	

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269.75	272.80	3.05	3.05	100.00	
263.65	266.70	3.05	3.05	100.00	
210.31	213.36	3.05	2.99	98.03	
207.26	210.31	3.05	3.05	100.00	
204.22	207.26	3.04	3.02	99.34	
201.17	204.22	3.05	3.05	100.00	
198.12	201.17	3.05	3.03	99.34	
195.07	198.12	3.05	3.02	99.02	
192.02	195.07	3.05	3.04	99.67	
188.98	192.02	3.04	3.05	100.33	
185.93	188.98	3.05	3.05	100.00	
182.88	185.93	3.05	3.06	100.33	
179.83	182.88	3.05	3.05	100.00	
176.78	179.83	3.05	3.03	99.34	
173.74	176.78	3.04	3.05	100.33	
170.69	173.74	3.05	3.05	100.00	
169.16	170.69	1.53	1.51	98.69	
166.12	169.16	3.04	3.06	100.66	
165.51	166.12	0.61	0.67	109.84	
163.07	165.51	2.44	2.37	97.13	
160.02	163.07	3.05	3.04	99.67	
157.58	160.02	2.44	2.27	93.03	Core loss ~ 0.20 m; switched to NTW
155.45	156.97	1.52	1.50	98.68	
153.92	155.45	1.53	1.48	96.73	
152.40	153.92	1.52	1.55	101.97	
150.88	152.40	1.52	1.46	96.05	
149.35	150.88	1.53	1.51	98.69	
147.83	149.35	1.52	1.56	102.63	
146.30	147.83	1.53	1.48	96.73	
144.78	146.30	1.52	1.55	101.97	
143.26	144.78	1.52	1.50	98.68	
141.73	143.26	1.53	1.53	100.00	
140.21	141.73	1.52	1.51	99.34	
138.68	140.21	1.53	1.52	99.35	
137.16	138.68	1.52	1.53	100.66	
135.64	137.16	1.52	1.52	100.00	
134.11	135.64	1.53	1.52	99.35	
132.59	134.11	1.52	1.53	100.66	
131.06	132.59	1.53	1.50	98.04	
129.54	131.06	1.52	1.50	98.68	
128.02	129.54	1.52	1.53	100.66	

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126.49	128.02	1.53	1.50	98.04
124.97	126.49	1.52	1.52	100.00
123.44	124.97	1.53	1.48	96.73
121.92	123.44	1.52	1.53	100.66
120.40	121.92	1.52	1.55	101.97
118.87	120.40	1.53	1.54	100.65
117.35	118.87	1.52	1.53	100.66
115.82	117.35	1.53	1.48	96.73
114.30	115.82	1.52	1.53	100.66
112.78	114.30	1.52	1.51	99.34
111.25	112.78	1.53	1.50	98.04
109.73	111.25	1.52	1.49	98.03
108.20	109.73	1.53	1.54	100.65
106.68	108.20	1.52	1.52	100.00
105.16	106.68	1.52	1.52	100.00
103.63	105.16	1.53	1.48	96.73
102.11	103.63	1.52	1.53	100.66
100.58	102.11	1.53	1.49	97.39
99.06	100.58	1.52	1.48	97.37
96.01	97.54	1.53	1.49	97.39
94.49	96.01	1.52	1.53	100.66
92.96	94.49	1.53	1.54	100.65
91.44	92.96	1.52	1.54	101.32
88.39	89.92	1.53	1.49	97.39
86.87	88.39	1.52	1.54	101.32
85.34	86.87	1.53	1.48	96.73
83.82	85.34	1.52	1.53	100.66
82.30	83.82	1.52	1.50	98.68
80.77	82.30	1.53	1.52	99.35
79.25	80.77	1.52	1.51	99.34
77.72	79.25	1.53	1.54	100.65
76.20	77.72	1.52	1.47	96.71
74.68	76.20	1.52	1.53	100.66
73.15	74.68	1.53	1.51	98.69
71.63	73.15	1.52	1.54	101.32
68.58	70.10	1.52	1.50	98.68
67.06	68.58	1.52	1.50	98.68
65.53	67.06	1.53	1.45	94.77
64.01	65.53	1.52	1.50	98.68
62.48	64.01	1.53	1.49	97.39
60.96	62.48	1.52	1.54	101.32

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59.44	60.96	1.52	1.54	101.32	
57.91	59.44	1.53	1.49	97.39	
56.39	57.91	1.52	1.52	100.00	
54.86	56.39	1.53	1.53	100.00	
54.25	54.86	0.61	0.47	77.05	Core loss ~ 0.14 m
53.34	54.25	0.91	0.92	101.10	
51.82	53.34	1.52	1.52	100.00	
50.29	51.82	1.53	1.51	98.69	
48.77	50.29	1.52	1.53	100.66	
47.24	48.77	1.53	1.51	98.69	
45.72	47.24	1.52	1.55	101.97	
44.20	45.72	1.52	1.53	100.66	
42.52	44.20	1.68	1.64	97.62	
40.84	42.52	1.68	1.62	96.43	
39.32	40.84	1.52	1.53	100.66	
37.64	39.32	1.68	1.59	94.64	
36.27	37.64	1.37	1.28	93.43	
35.05	36.27	1.22	1.24	101.64	
33.53	35.05	1.52	1.53	100.66	
32.00	33.53	1.53	1.49	97.39	
30.48	32.00	1.52	1.21	79.61	Core loss ~ 0.30 m
28.96	30.48	1.52	1.47	96.71	
27.43	28.96	1.53	1.49	97.39	
25.91	27.43	1.52	1.52	100.00	
24.38	25.91	1.53	1.53	100.00	
22.86	24.38	1.52	1.52	100.00	
21.34	22.86	1.52	1.48	97.37	
19.81	21.34	1.53	1.31	85.62	Core loss ~ 0.20 m
18.29	19.81	1.52	1.48	97.37	
16.76	18.29	1.53	1.32	86.27	Core loss ~ 0.21 m
15.24	16.76	1.52	1.52	100.00	
13.72	15.24	1.52	1.49	98.03	
12.19	13.72	1.53	1.53	100.00	
10.67	12.19	1.52	1.25	82.24	Core loss ~ 0.27 m
9.14	10.67	1.53	1.52	99.35	
7.62	9.14	1.52	1.47	96.71	
6.10	7.62	1.52	1.52	100.00	
4.57	6.10	1.53	1.43	93.46	
3.05	4.57	1.52	0.80	52.63	Core loss ~ 0.70 m
2.74	3.05	0.31	0.26	83.87	Core loss

Down Hole Survey			
Depth	Azimuth	Dip	Survey_type
91.44	110.87	-57.30	RF
121.92	110.17	-57.50	RF
152.40	113.27	-58.00	RF
182.88	113.07	-58.60	RF
213.36	114.47	-59.30	RF
243.84	115.37	-60.30	RF
274.32	116.17	-60.90	RF
304.80	116.77	-61.60	RF



Detailed Log Report
Hole Number RDU_SM_DDH11-19

Project		Coordinates		Collar			
Project Name:	Sixty Mile	Primary Coordinates Grid: UTM83-7		Collar Dip:	-55.00	Collar Az:	126.00
Project Code:	YK_SM	North:	7,097,803.00	Length:	312.12		
Location:	Kennecott Trench Zone	East:	505,663.00	Hole Size:	NTW		
Start Date:	11-09-08 12:00:00AM	Elev:	1,094.00	Hole Type:	DD		
Completed Date:	11-09-14 12:00:00AM	Log by (1)	Jeff Burke	Depth Log (1)		Casing:	Pulled
Contractor:		Log by (2)		Depth Log (2)		Company Name:	RDU
Units:	METRIC						

Comments: Switched to NTW from HTW at 60.63m

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Detailed Lithology

From	To	Lithology	Samples Details														
0.00	4.00	OVB, Overburden	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct	

Comments:

INTERVALS DETAILS:

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FromToLithology			Samples Details													
4.00	24.29	AND, Andesite	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Heavily clay altered Andesite, with pyroclasts 0.1-0.5 cm. Core is poorly competent with strong ozidization both pervasively and along fracture surfaces. Leaching has occured in few veinlets that are present with no trace of mineralisation.													
INTERVALS DETAILS:				RDU_SM_613255	4.00	5.00	ASSAY	48.00		1,024.90	1,421.50	65.00	213.20	5.10	10.80	0.03
Colour				RDU_SM_613256	5.00	6.00	ASSAY	65.00		837.30	108.40	39.00	118.60	3.00	12.10	0.03
4.00	24.29	Dominant: N 4		RDU_SM_613257	6.00	7.00	ASSAY	57.00		882.20	91.50	33.00	109.30	3.70	17.30	0.03
				RDU_SM_613258	7.00	8.00	ASSAY	16.00		238.00	15.40	15.00	17.70	0.60	3.50	0.03
		Comment: LIM staining through-out most of core		RDU_SM_613260	8.00	9.00	ASSAY	12.00		294.60	15.40	13.00	23.00	0.80	3.10	0.03
Texture				RDU_SM_613261	9.00	10.00	ASSAY	13.00		292.60	4.30	9.00	19.20	0.60	4.50	0.03
4.00	24.29	vuggy		RDU_SM_613262	10.00	11.00	ASSAY	20.00		355.40	9.00	11.00	62.80	2.70	7.50	0.03
				RDU_SM_613263	11.00	12.00	ASSAY	30.00		594.40	41.60	18.00	68.40	2.60	8.50	0.03
4.00	24.29	porphyritic		RDU_SM_613264	12.00	13.00	ASSAY	117.00		965.50	39.90	18.00	92.20	4.70	13.40	0.03
Alteration				RDU_SM_613265	13.00	14.00	ASSAY	67.00		330.00	13.70	8.00	66.50	3.90	4.90	0.03
				RDU_SM_613266	14.00	15.00	ASSAY	106.00		512.50	25.00	9.00	50.00	4.50	5.10	0.03
4.00	24.29	60-80% oxide Fracture-related 10 R 3/4 Level: 1		RDU_SM_613267	15.00	16.00	ASSAY	72.00		988.50	25.80	8.00	111.40	2.30	7.80	0.03
		Comment: Along fractures with periods of pervasive alteration		RDU_SM_613268	16.00	17.00	ASSAY	126.00		780.60	23.50	39.00	90.80	3.60	10.90	0.03
4.00	24.29	40-60% argillic Pervasive 10 YR 6/6 Level: 2		RDU_SM_613270	17.00	18.00	ASSAY	31.00		636.40	13.40	9.00	64.20	1.70	4.70	0.03
		Comment: LIM clay alteration with periods of Olive grey clay altered AND		RDU_SM_613271	18.00	19.00	ASSAY	190.00		676.90	39.70	14.00	86.50	6.40	11.30	0.03
19.00	19.10	40-60% argillic Localized N 3 Level: 2		RDU_SM_613272	19.00	20.00	ASSAY	78.00		305.30	19.80	7.00	24.10	3.50	2.70	0.03
		Comment: Dark graphitic clay		RDU_SM_613273	20.00	21.00	ASSAY	233.00		370.20	23.80	9.00	59.90	2.90	6.30	0.03
21.39	24.29	80-100% oxide Pervasive 10 YR 6/6 Level: 1		RDU_SM_613274	21.00	22.00	ASSAY	98.00		617.40	23.00	5.00	108.70	2.70	9.20	0.03
		Comment: Groundmass is pervasively oxidized with pyroclasts intact, heavily clay altered and vugged		RDU_SM_613275	22.00	23.00	ASSAY	87.00		1,127.00	21.60	16.00	189.70	3.80	15.70	0.03
Structure				RDU_SM_613276	23.00	24.29	ASSAY	16.00		946.20	17.10	10.00	65.00	1.00	6.20	0.03
18.80	20.00	vein Local Weak														
		Comment: vugged veinlets														

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From		To	Lithology	Samples Details												
24.29	312.12	SCH, Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Qtz-Bio-Mus Graphitic rich schist. Sections of very Quartzose material/Quartzite and periods of Graphite rich mafic schist. Foliation is soupy and very schistose with larger cm scale altered Qtz layers and brecciation with Qtz clasts.												
INTERVALS DETAILS:				RDU_SM_613277	24.29	25.00	ASSAY	38.00		364.20	14.60	4.00	45.50	2.80	2.80	0.03
Colour				RDU_SM_613278	25.00	26.00	ASSAY	54.00		342.30	5.60	4.00	31.30	1.40	3.20	0.03
24.29	25.02	Dominant: N 3	RDU_SM_613279	26.00	27.00	ASSAY	33.00		1,575.00	11.30	29.00	129.60	6.70	13.00	0.03	
			RDU_SM_613280	26.00	27.00	FieldDup	87.00		951.40	8.20	18.00	91.60	7.20	8.00	0.03	
			RDU_SM_613281	27.00	28.00	ASSAY	20.00		480.60	10.10	8.00	40.00	4.20	5.00	0.03	
25.02	60.63	Dominant: N 4 Secondary: N 9 Comment: Intermitant schistose layers of felsic Quartz and Biotite, with strong Limontic staining	RDU_SM_613282	28.00	29.00	ASSAY	13.00		593.40	11.00	6.00	39.10	8.30	4.40	0.03	
			RDU_SM_613283	29.00	30.00	ASSAY	6.00		262.20	14.70	4.00	21.60	1.40	4.00	0.03	
			RDU_SM_613284	30.00	31.00	ASSAY	32.00		308.00	15.70	4.00	47.30	2.40	5.30	0.03	
60.63	139.22	Dominant: N 3 Secondary: N 9 Comment: Greasy lustre from graphite, Qtz-Bio Schist	RDU_SM_613285	31.00	32.00	ASSAY	37.00		741.70	31.00	5.00	58.90	2.10	5.80	0.03	
			RDU_SM_613286	32.00	33.00	ASSAY	32.00		690.30	24.20	9.00	89.50	3.60	6.80	0.03	
			RDU_SM_613287	33.00	34.00	ASSAY	51.00		509.20	27.00	14.00	72.20	3.00	6.30	0.03	
139.22	141.92	Dominant: N 9 Secondary: N 6 Comment: some biotite/mica present as dark colouration or bands	RDU_SM_613288	34.00	35.00	ASSAY	64.00		811.40	51.00	17.00	111.30	4.00	9.90	0.03	
			RDU_SM_613289	35.00	36.00	ASSAY	61.00		746.90	22.70	8.00	81.10	2.20	7.50	0.03	
			RDU_SM_613290	36.00	38.00	ASSAY	24.00		661.80	20.40	11.00	121.10	3.20	5.40	0.03	
141.92	152.67	Dominant: N 4 Secondary: N 9 Comment: Limonitic overprints	RDU_SM_613291	38.00	39.00	ASSAY	73.00		1,279.90	55.80	12.00	135.50	5.10	9.20	0.03	
			RDU_SM_613292	39.00	40.00	ASSAY	51.00		1,156.10	50.40	15.00	182.60	8.70	13.80	0.03	
			RDU_SM_613293	40.00	41.00	ASSAY	60.00		1,308.40	30.10	98.00	80.30	1.70	3.80	0.03	
153.80	253.67	Dominant: N 4 Secondary: N 9 Comment: Limonitic overprint (light brown-orange), pearly light pink grey muscovite	RDU_SM_613294	41.00	42.00	ASSAY	23.00		428.10	28.80	63.00	45.10	2.30	1.90	0.03	
			RDU_SM_613296	42.00	44.00	ASSAY	50.00		931.50	48.60	30.00	84.90	5.20	5.50	0.03	
			RDU_SM_613297	44.00	45.02	ASSAY	21.00		372.10	11.80	162.00	31.70	1.70	0.80	0.03	
Texture				RDU_SM_613298	45.02	46.00	ASSAY	38.00		332.00	18.10	10.00	37.10	1.50	1.60	0.03
24.29	25.02	schistose	RDU_SM_613300	46.00	47.00	ASSAY	58.00		418.80	82.50	21.00	79.30	3.00	3.00	0.03	
			RDU_SM_613301	47.00	48.00	ASSAY	49.00		686.50	34.60	53.00	173.70	5.90	5.10	0.03	
			RDU_SM_613302	48.00	49.00	ASSAY	27.00		317.70	25.60	20.00	97.70	3.90	2.10	0.03	
25.02	139.22	brecciated Comment: Brecciated Schist with Quartz clasts ranging 0.1-2.0 cm	RDU_SM_613303	49.00	50.00	ASSAY	14.00		356.00	49.90	22.00	128.90	3.30	3.60	0.03	
			RDU_SM_613304	50.00	51.00	ASSAY	10.00		362.80	54.10	23.00	126.80	2.60	3.30	0.03	
			RDU_SM_613305	51.00	52.00	ASSAY	23.00		285.90	56.40	38.00	169.00	2.50	2.80	0.03	
55.57	56.29	vuggy Comment: Vuggy gossanous material	RDU_SM_613306	52.00	53.00	ASSAY	69.00		481.70	46.60	83.00	181.10	3.50	3.10	0.03	
			RDU_SM_613307	53.00	54.00	ASSAY	56.00		152.20	26.30	9.00	71.30	2.40	2.60	0.03	
			RDU_SM_613308	54.00	55.00	ASSAY	46.00		252.70	22.80	17.00	118.70	2.00	1.60	0.03	
70.66	70.78	vuggy Comment: Vuggy Qtz rich schist	RDU_SM_613309	55.00	56.00	ASSAY	34.00		470.80	24.90	28.00	97.70	4.80	4.40	0.03	
			RDU_SM_613310	55.00	56.00	FieldDup	44.00		547.50	27.70	49.00	97.30	6.70	3.50	0.03	
			RDU_SM_613311	56.00	57.00	ASSAY	53.00		484.30	28.90	48.00	65.90	5.70	2.50	0.03	
108.00	114.00	schistose Comment: Rock more foliated and less brecciated	RDU_SM_613312	57.00	58.00	ASSAY	24.00		1,203.20	29.00	236.00	68.90	5.70	5.30	0.03	
			RDU_SM_613313	58.00	59.00	ASSAY	55.00		884.90	35.20	94.00	74.20	5.90	3.50	0.03	
			RDU_SM_613314	59.00	60.00	ASSAY	48.00		515.60	27.80	39.00	21.80	2.40	2.30	0.03	
139.22	141.92	vuggy Comment: irregular to cubic vugs from sulfide leaching	RDU_SM_613315	60.00	61.00	ASSAY	71.00		372.40	1,049.10	40.00	58.20	6.70	2.50	0.03	
			RDU_SM_613316	61.00	62.48	ASSAY	25.00		410.60	27.20	29.00	85.60	5.20	2.50	0.03	
			RDU_SM_613317	62.48	64.00	ASSAY	54.00		517.60	46.10	17.00	43.60	3.90	3.50	0.10	
141.92	152.67	schistose Comment: Periods of well foliated rock	RDU_SM_613318	64.00	65.53	ASSAY	133.00		619.60	15.70	5.00	24.20	4.70	6.00	0.05	
153.80	253.67	schistose Comment: Periods of well foliated rock														
168.26	171.85	brecciated Comment: Brecciated Qtz-Bio-Grp schist														

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From	To	Lithology	Samples Details											
175.65	176.48	brecciated	RDU_SM_613320	65.53	67.00	ASSAY	87.00	250.50	17.50	5.00	45.30	3.60	1.20	0.08
220.48	223.47	brecciated	RDU_SM_613321	67.00	68.50	ASSAY	39.00	125.20	10.20	20.00	28.40	2.90	1.20	0.03
		Comment: Brecciated more mafic schist	RDU_SM_613322	68.50	70.00	ASSAY	9.00	134.20	17.20	34.00	68.20	4.40	2.30	0.03
		augen	RDU_SM_613323	70.00	71.50	ASSAY	15.00	133.10	21.80	7.00	46.70	3.20	2.20	0.03
230.73	239.86	Comment: Qtz augens (good examples 238.9-239m)	RDU_SM_613324	71.50	73.00	ASSAY	7.00	44.10	23.90	7.00	48.40	8.30	2.50	0.03
230.73	239.86	schistose	RDU_SM_613325	73.00	74.50	ASSAY	429.00	32.70	10.00	6.00	13.60	2.70	1.70	0.06
270.60	312.12	Comment: very schistose material	RDU_SM_613326	74.50	76.00	ASSAY	4.00	32.10	11.20	3.00	20.90	2.50	0.70	0.07
		schistose	RDU_SM_613327	76.00	77.50	ASSAY	8.00	52.90	15.80	4.00	7.70	2.50	0.80	0.07
			RDU_SM_613328	77.50	79.00	ASSAY	9.00	8.70	10.10	2.00	18.80	2.40	0.50	0.03
Mineral			RDU_SM_613330	79.00	80.50	ASSAY	12.00	253.90	377.90	13.00	19.00	6.30	0.90	0.25
53.58	53.94	10 R 8/2 muscovite	RDU_SM_613331	80.50	82.00	ASSAY	9.00	46.70	20.60	2.00	12.10	2.40	1.20	0.03
126.54	126.65	Comment: Muscovite rich layer, associated with red colour (oxidization?)	RDU_SM_613332	82.00	83.50	ASSAY	33.00	17.10	30.10	3.00	41.30	3.30	1.30	0.03
		0.1pyrite Fine-grained Anhedral	RDU_SM_613333	83.50	85.00	ASSAY	12.00	21.40	90.00	2.00	22.70	4.60	1.50	0.10
			RDU_SM_613334	85.00	86.50	ASSAY	13.00	23.60	20.80	1.00	17.80	2.10	1.20	0.22
141.60	141.92	1arsenopyrite Medium-grained Anhedral	RDU_SM_613335	86.50	88.00	ASSAY	26.00	169.80	122.50	8.00	8.80	3.60	1.20	0.22
143.65	144.07	Comment: occuring as large accumulated blebs	RDU_SM_613336	88.00	89.50	ASSAY	15.00	65.60	32.20	2.00	10.10	1.60	0.90	0.16
		0.01molybdenite Very fine-grained Anhedral	RDU_SM_613337	89.50	91.00	ASSAY	11.00	17.50	20.00	2.00	8.10	2.20	1.20	0.08
			RDU_SM_613338	91.00	92.50	ASSAY	16.00	34.00	23.20	2.00	20.60	3.50	1.10	0.13
227.15	228.40	2N 3 amphibole Very coarse-grained Euhedral	RDU_SM_613339	92.50	94.00	ASSAY	14.00	235.70	15.80	2.00	10.90	2.50	0.60	0.13
240.18	240.67	Comment: Amphibole phenocrysts 0.5-1.2 cm (Hbl?)	RDU_SM_613340	92.50	94.00	FieldDup	19.00	289.40	18.50	2.00	10.30	3.60	0.70	0.16
		1pyrite Fine-grained Anhedral	RDU_SM_613341	94.00	95.50	ASSAY	26.00	217.90	32.20	2.00	12.30	3.50	0.90	0.11
		Comment: Massive PY in Qtz vein	RDU_SM_613342	95.50	97.00	ASSAY	68.00	56.10	83.70	1.00	4.60	2.50	1.20	0.14
246.37	246.40	pyrite	RDU_SM_613343	97.00	98.50	ASSAY	27.00	650.70	47.00	25.00	10.10	6.00	1.20	0.33
246.37	246.65	Comment: Trace PY in Qtz vein	RDU_SM_613344	98.50	100.00	ASSAY	37.00	243.80	20.20	24.00	13.10	7.50	1.40	0.33
		110 R 6/2 cinnabar Fine-grained	RDU_SM_613345	100.00	101.50	ASSAY	20.00	54.40	32.60	29.00	7.80	5.00	0.80	0.36
		Comment: ?	RDU_SM_613346	101.50	103.00	ASSAY	73.00	1,393.00	15.30	23.00	29.40	6.00	2.20	0.55
270.60	271.00	0.1pyrite Medium-grained Subhedral	RDU_SM_613347	103.00	104.50	ASSAY	28.00	265.50	29.50	7.00	14.30	4.50	1.40	0.43
272.00	278.58	1pyrite Medium-grained Subhedral	RDU_SM_613348	104.50	106.00	ASSAY	19.00	72.00	22.90	17.00	20.50	3.90	1.10	0.24
277.25	277.25	Comment: Blebby and in fractures	RDU_SM_613350	106.00	107.50	ASSAY	24.00	518.40	30.40	19.00	18.60	6.50	1.80	0.15
		pyrite	RDU_SM_613351	107.50	109.00	ASSAY	14.00	175.30	22.00	84.00	39.00	8.90	1.70	0.20
			RDU_SM_613352	109.00	110.51	ASSAY	17.00	464.90	29.40	46.00	12.10	4.70	0.60	0.14
277.33	277.33	Comment: Soupy PY vein	RDU_SM_613353	110.51	112.00	ASSAY	4.00	86.30	18.50	16.00	27.50	3.40	0.90	0.25
277.35	277.35	pyrite	RDU_SM_613354	112.00	113.50	ASSAY	1.00	46.00	14.30	2.00	14.90	3.00	0.90	0.08
282.56	296.82	Comment: Soupy PY vein	RDU_SM_613355	113.50	115.00	ASSAY	31.00	584.20	22.80	3.00	25.30	3.20	1.00	0.20
		0.5pyrite Subhedral	RDU_SM_613356	115.00	116.50	ASSAY	18.00	1,387.40	21.10	18.00	50.00	5.60	1.10	0.07
		Comment: coating/replacing Biotite	RDU_SM_613357	116.50	118.00	ASSAY	58.00	284.50	34.00	3.00	22.20	4.70	0.90	0.14
310.05	310.48	0.1arsenopyrite Subhedral	RDU_SM_613358	118.00	119.50	ASSAY	57.00	359.10	38.20	5.00	10.60	4.30	0.80	0.20
310.05	310.48	Comment: Silica flooded zone	RDU_SM_613360	119.50	121.00	ASSAY	14.00	194.60	21.50	62.00	47.60	4.20	0.60	0.20
		1pyrite Subhedral	RDU_SM_613361	121.00	122.50	ASSAY	32.00	346.20	33.60	37.00	17.40	8.70	1.10	0.49
		Comment: Silica flooded zone	RDU_SM_613362	122.50	124.00	ASSAY	42.00	285.60	54.10	46.00	30.20	13.40	1.30	0.35
Alteration			RDU_SM_613363	124.00	125.50	ASSAY	57.00	136.60	42.00	71.00	19.90	8.10	1.50	0.49
24.29	25.02	40-60% argillic Level: 1	RDU_SM_613364	125.50	127.00	ASSAY	59.00	470.00	56.10	43.00	12.40	7.90	1.20	0.43
25.02	60.63	60-80% oxide Fracture-related 10 R 3/4 Level: 2												

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From	To	Lithology	Samples Details											
25.02	60.63	60-80% argillic Pervasive 10 YR 6/6 Level: 1	RDU_SM_613365	127.00	128.50	ASSAY	19.00	54.90	22.80	12.00	5.90	4.20	0.20	0.15
			RDU_SM_613366	128.50	130.00	ASSAY	6.00	27.30	25.90	3.00	5.80	2.90	0.20	0.11
29.20	30.48	80-100% argillic Pervasive 10 YR 6/6 Level: 1 Comment: Very brittle, highly clay altered	RDU_SM_613367	130.00	131.50	ASSAY	11.00	42.50	29.90	3.00	9.20	3.70	0.40	0.18
			RDU_SM_613368	131.50	133.00	ASSAY	21.00	26.70	18.70	3.00	6.60	3.50	0.50	0.16
55.57	56.29	60-80% oxide Fracture-related 10 R 3/4 Level: 1 Comment: Gossanous material	RDU_SM_613369	133.00	134.50	ASSAY	13.00	26.40	30.80	3.00	8.70	2.60	0.50	0.19
			RDU_SM_613370	133.00	134.50	FieldDup	8.00	24.60	20.70	2.00	5.60	2.40	0.50	0.16
58.43	60.63	60-80% oxide Fracture-related 10 R 3/4 Level: 1 Comment: Gossanous	RDU_SM_613371	134.50	136.00	ASSAY	11.00	66.50	16.40	2.00	8.20	3.70	0.50	0.24
			RDU_SM_613372	136.00	137.50	ASSAY	6.00	337.60	17.30	2.00	8.60	2.90	1.40	0.19
60.63	139.22	40-60% oxide Fracture-related 10 YR 6/6 Level: 2 Comment: Less oxidization occuring along fractures with associated clay alteration	RDU_SM_613373	137.50	139.22	ASSAY	22.00	585.60	18.90	2.00	14.20	4.60	2.10	0.28
			RDU_SM_613374	139.22	140.57	ASSAY	29.00	486.30	6.70	0.50	14.10	1.00	2.10	0.12
60.63	139.22	40-60% argillic Pervasive N 4 Level: 1 Comment: Dark graphitic clay alteration	RDU_SM_613375	140.57	141.92	ASSAY	44.00	10,000.00	8.50	3.00	147.60	1.10	5.60	0.51
			RDU_SM_613376	141.92	143.50	ASSAY	38.00	1,821.50	5.50	36.00	69.60	2.10	1.50	0.19
86.87	88.24	80-100% argillic Pervasive 10 Y 8/2 Level: 1 Comment: Clay alteration to QTZ vein/layer ?	RDU_SM_613377	143.50	145.00	ASSAY	2,817.00	2,270.80	94.90	85.00	88.60	3.10	2.10	0.09
			RDU_SM_613378	145.00	146.50	ASSAY	10.00	338.00	8.00	77.00	116.00	2.70	0.90	0.05
101.12	101.60	60-80% argillic Localized 10 Y 8/2 Level: 3	RDU_SM_613380	146.50	148.00	ASSAY	11.00	80.90	3.70	287.00	292.40	1.70	1.10	0.03
			RDU_SM_613381	148.00	149.50	ASSAY	33.00	2,887.70	6.60	196.00	252.20	1.90	1.10	0.10
104.90	105.41	80-100% graphite Pervasive N 3 Level: 1	RDU_SM_613382	149.50	151.00	ASSAY	14.00	1,331.90	6.90	180.00	318.00	1.30	1.20	0.15
			RDU_SM_613383	151.00	152.67	ASSAY	12.00	1,285.20	9.70	157.00	258.20	4.10	0.80	0.09
139.22	141.92	40-60% oxide Fracture-related 5 YR 5/6 Level: 1	RDU_SM_613384	152.67	153.80	ASSAY	21.00	999.90	15.30	5.00	52.50	2.90	2.30	0.21
			RDU_SM_613385	153.80	155.50	ASSAY	13.00	685.90	23.80	26.00	74.00	8.40	1.00	0.19
141.60	141.92	20-40% sericite Localized 5 GY 7/2 Level: 2 Comment: Associated with ASP mineralisation	RDU_SM_613386	155.50	157.00	ASSAY	11.00	118.30	13.50	82.00	44.50	4.80	0.90	0.11
			RDU_SM_613387	157.00	158.50	ASSAY	6.00	474.20	26.50	14.00	28.70	7.20	0.70	0.13
141.92	152.67	40-60% oxide Pervasive 5 YR 5/6 Level: 1	RDU_SM_613388	158.50	160.00	ASSAY	3.00	662.60	26.10	4.00	26.20	3.80	1.00	0.21
			RDU_SM_613390	160.00	161.54	ASSAY	6.00	45.90	15.30	176.00	212.60	10.60	0.80	0.08
153.80	253.67	40-60% oxide Pervasive 5 YR 5/6 Level: 2 Comment: Moderately oxidized, exposed along foliation planes and farctures	RDU_SM_613391	161.54	163.00	ASSAY	2.00	9.30	6.80	190.00	273.90	0.40	0.40	0.06
			RDU_SM_613392	163.00	164.59	ASSAY	1.00	6.20	5.20	180.00	128.40	1.10	0.30	0.03
153.80	253.67	60-80% silica Pervasive Level: 1 Comment: Moderately silicified, weakened by clay alteration locally to oxidization and fracturing	RDU_SM_613393	164.59	166.10	ASSAY	1.00	7.00	6.60	197.00	115.30	1.40	0.20	0.03
			RDU_SM_613394	166.10	167.64	ASSAY	7.00	28.40	11.70	174.00	90.90	3.50	0.60	0.03
157.60	158.15	0-20% sericite Localized 10 GY 7/2 Level: 3	RDU_SM_613395	167.64	169.00	ASSAY	18.00	21.70	192.70	86.00	33.50	2.80	0.50	0.03
			RDU_SM_613396	169.00	170.50	ASSAY	7.00	95.40	24.40	72.00	24.20	7.60	0.80	0.03
168.26	171.85	0-20% graphite Pervasive N 4 Level: 3	RDU_SM_613397	170.50	172.00	ASSAY	12.00	90.80	20.50	126.00	41.70	11.00	1.00	0.06
			RDU_SM_613398	172.00	173.50	ASSAY	5.00	8.40	9.70	127.00	103.50	1.10	0.50	0.03
190.41	190.95	0-20% graphite Pervasive N 4 Level: 3 Comment: QZ rich with some goassanous material	RDU_SM_613399	173.50	175.00	ASSAY	4.00	26.00	11.20	203.00	364.90	4.50	0.50	0.09
			RDU_SM_613400	175.00	175.00	FieldDup	7.00	29.70	11.70	203.00	308.00	5.40	0.90	0.08
191.11	193.08	60-80% oxide Pervasive 5 YR 5/6 Level: 1 Comment: Pervasive ozidization, clay along fracture surfaces	RDU_SM_613401	175.00	176.50	ASSAY	13.00	70.00	22.30	129.00	224.10	14.60	1.10	0.03
			RDU_SM_613402	176.50	178.00	ASSAY	4.00	16.30	5.90	189.00	180.60	1.20	0.40	0.03
196.29	198.12	40-60% argillic Fracture-related 5 Y 8/4 Level: 2	RDU_SM_613403	178.00	179.50	ASSAY	6.00	29.70	7.40	223.00	115.40	4.20	0.20	0.03
			RDU_SM_613404	179.50	181.00	ASSAY	5.00	7.10	4.20	236.00	125.60	1.80	0.20	0.03
223.47	227.00	20-40% argillic Overprint 10 YR 7/4 Level: 2 Comment: Brittle clay altered zone	RDU_SM_613405	181.00	182.50	ASSAY	41.00	72.20	8.60	271.00	129.60	3.40	0.50	0.05
			RDU_SM_613406	182.50	184.00	ASSAY	34.00	190.50	23.60	83.00	156.40	10.20	2.10	0.05
239.38	240.93	40-60% graphite Localized N 4 Level: 2 Comment: Locally to QZ-SX veining/flooding	RDU_SM_613407	184.00	185.50	ASSAY	25.00	923.30	45.50	109.00	99.90	3.00	0.70	0.06
			RDU_SM_613408	185.50	187.00	ASSAY	18.00	690.90	13.10	168.00	93.40	2.00	0.50	0.03
257.58	263.89	20-40% oxide Fracture-related 10 YR 6/6 Level: 2												

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From	To	Lithology	Samples Details											
257.58	262.10	graphite	RDU_SM_613410	187.00	188.50	ASSAY	55.00	536.60	47.80	109.00	113.20	6.50	0.70	0.08
262.10	263.89	20-40% argillic Localized 5 Y 8/4 Level: 2	RDU_SM_613411	188.50	190.00	ASSAY	41.00	224.20	16.70	325.00	162.70	2.20	0.30	0.07
			RDU_SM_613412	190.00	191.50	ASSAY	264.00	3,374.20	97.40	115.00	136.80	2.20	0.70	0.05
263.89	265.79	graphite	RDU_SM_613413	191.50	193.00	ASSAY	9.00	175.90	11.80	748.00	250.20	1.20	0.60	0.09
			RDU_SM_613414	193.00	194.50	ASSAY	5.00	57.80	8.00	710.00	167.90	0.80	0.40	0.11
263.89	270.60	graphite	RDU_SM_613415	194.50	196.00	ASSAY	9.00	113.80	10.40	426.00	148.10	1.50	0.40	0.11
			RDU_SM_613416	196.00	197.50	ASSAY	22.00	90.70	20.70	157.00	29.40	8.70	1.20	0.06
266.50	268.00	graphite	RDU_SM_613417	197.50	199.00	ASSAY	13.00	298.50	23.90	185.00	105.10	2.60	0.30	0.06
278.58	282.56	argillic	RDU_SM_613418	199.00	200.45	ASSAY	5.00	140.60	28.60	227.00	191.40	0.60	0.30	0.03
			RDU_SM_613420	200.45	201.63	ASSAY	10.00	988.30	42.30	130.00	217.40	1.20	0.40	0.05
278.58	282.56	graphite	RDU_SM_613421	201.63	203.04	ASSAY	18.00	2,750.70	144.50	5.00	108.20	1.90	1.20	0.05
			RDU_SM_613422	203.04	204.00	ASSAY	20.00	697.20	159.10	3.00	17.40	1.50	0.50	0.07
Structure			RDU_SM_613423	204.00	205.00	ASSAY	80.00	3,251.10	2,190.60	6.00	70.80	4.40	2.80	0.13
30.65	30.65	foliation 20 Deg to CA, Comment: soupy foliation	RDU_SM_613424	205.00	206.50	ASSAY	9.00	603.40	34.10	94.00	107.60	5.10	0.40	0.06
			RDU_SM_613425	206.50	208.00	ASSAY	11.00	266.20	24.40	172.00	166.60	2.80	0.30	0.03
48.00	48.04	band 40 Deg to CA, Comment: Qtz rich layer/ Qtz vein?	RDU_SM_613426	208.00	209.50	ASSAY	79.00	1,005.90	18.00	200.00	125.80	2.60	0.50	0.03
			RDU_SM_613427	209.50	211.00	ASSAY	5.00	77.40	26.30	310.00	168.80	1.60	0.40	0.03
48.16	48.23	band 40 Deg to CA, Comment: Qtz rich layer/ Qtz vein?	RDU_SM_613428	211.00	212.50	ASSAY	3.00	116.60	26.50	45.00	65.10	3.30	0.30	0.03
			RDU_SM_613429	212.50	214.00	ASSAY	4.00	199.30	55.40	56.00	114.40	2.90	0.50	0.03
57.00	57.00	foliation 40 Deg to CA,	RDU_SM_613430	212.50	214.00	FieldDup	9.00	167.20	48.80	69.00	124.10	3.30	0.60	0.03
			RDU_SM_613431	214.00	215.50	ASSAY	3.00	34.90	14.20	146.00	109.20	1.40	0.30	0.03
60.80	60.80	foliation 35 Deg to CA,	RDU_SM_613432	215.50	217.00	ASSAY	1.00	90.00	8.40	143.00	59.30	1.60	0.20	0.03
			RDU_SM_613433	217.00	218.50	ASSAY	1.00	135.20	23.50	146.00	41.80	11.10	0.40	0.03
65.68	66.85	gouge	RDU_SM_613434	218.50	220.06	ASSAY	3.00	191.20	7.00	70.00	75.10	4.00	0.30	0.03
67.30	67.30	fracture 30 Deg to CA, Comment: Parting along foliations (graphtitic rich)	RDU_SM_613435	220.06	221.50	ASSAY	13.00	555.70	24.90	189.00	159.00	5.40	0.60	0.05
			RDU_SM_613436	221.50	223.00	ASSAY	17.00	603.90	20.50	96.00	74.10	8.10	0.80	0.03
67.30	67.30	foliation 30 Deg to CA,	RDU_SM_613437	223.00	224.50	ASSAY	51.00	5,493.20	27.30	201.00	92.20	4.60	0.90	0.13
			RDU_SM_613438	224.50	226.00	ASSAY	4,459.00	3,656.10	71.90	98.00	69.00	9.10	1.00	0.18
73.38	73.87	gouge	RDU_SM_613440	226.00	227.00	ASSAY	100.00	2,426.70	116.70	58.00	33.20	7.60	0.60	0.12
			RDU_SM_613441	227.00	228.60	ASSAY	464.00	6,817.00	11.50	33.00	193.40	2.20	0.60	0.10
75.62	79.90	gouge	RDU_SM_613442	228.60	230.00	ASSAY	11.00	708.70	11.40	265.00	95.50	1.30	0.20	0.10
			RDU_SM_613443	230.00	231.50	ASSAY	19.00	3,468.00	25.50	135.00	61.20	4.80	0.60	0.07
91.58	92.30	gouge 20 Deg to CA, Comment: Ending in brittle LIM rich material	RDU_SM_613444	231.50	233.05	ASSAY	32.00	582.60	21.20	20.00	40.70	6.90	0.90	0.13
			RDU_SM_613445	233.05	234.50	ASSAY	19.00	172.00	10.00	219.00	140.20	3.20	1.20	0.28
93.07	93.19	gouge Comment: Graphite rich	RDU_SM_613446	234.50	236.00	ASSAY	15.00	399.30	24.70	630.00	143.00	1.50	0.50	0.21
			RDU_SM_613447	236.00	237.50	ASSAY	7.00	591.80	35.70	595.00	154.30	2.40	0.70	0.14
97.40	97.69	band 40 Deg to CA, Comment: ALtered Qtz rich band/vein?	RDU_SM_613448	237.50	239.00	ASSAY	20.00	254.20	19.30	417.00	110.50	3.00	0.30	0.33
			RDU_SM_613450	239.00	239.88	ASSAY	67.00	4,770.80	154.10	752.00	97.00	2.70	0.90	0.95
101.06	101.06	fracture 70 Deg to CA,	RDU_SM_613451	239.88	240.93	ASSAY	886.00	10,000.00	766.30	88.00	120.40	3.20	20.90	9.18
			RDU_SM_613452	240.93	242.50	ASSAY	9.00	4,327.20	21.20	171.00	58.20	1.00	0.80	0.32
102.00	102.00	fracture 20 Deg to CA,	RDU_SM_613453	242.50	244.00	ASSAY	4.00	424.70	8.10	319.00	55.00	2.40	0.30	0.12
			RDU_SM_613454	244.00	245.46	ASSAY	8.00	64.10	8.10	253.00	46.70	2.80	0.50	0.51

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108.20	108.20	foliation 70 Deg to CA,	RDU_SM_613455	245.46	246.34	ASSAY	66.00	5,816.30	13.50	579.00	97.30	4.00	1.90	1.06
108.85	108.85	fracture 70 Deg to CA, Comment: Fracture following foliation	RDU_SM_613456	246.34	247.00	ASSAY	7.00	175.10	7.60	377.00	80.10	4.30	0.70	0.92
			RDU_SM_613457	247.00	248.51	ASSAY	41.00	126.30	17.50	432.00	85.80	8.00	1.00	1.82
109.82	109.82	foliation 70 Deg to CA, Comment: Fractures following foliation	RDU_SM_613458	248.51	250.00	ASSAY	12.00	110.10	11.00	220.00	121.70	6.00	0.80	0.97
			RDU_SM_613459	250.00	251.53	ASSAY	9.00	73.90	9.90	442.00	89.00	5.00	0.50	0.71
111.80	111.80	fracture 70 Deg to CA,	RDU_SM_613460	250.00	251.53	FieldDup	4.00	63.60	8.80	349.00	82.40	4.80	0.40	0.66
			RDU_SM_613461	251.53	252.98	ASSAY	1.00	50.70	9.60	672.00	63.80	4.70	0.30	0.30
111.80	111.80	foliation 70 Deg to CA,	RDU_SM_613462	252.98	254.50	ASSAY	9.00	83.40	32.00	272.00	89.50	9.00	0.90	1.20
112.10	112.10	foliation 75 Deg to CA,	RDU_SM_613463	254.50	256.00	ASSAY	30.00	3,534.60	33.80	85.00	100.80	20.30	1.40	0.74
			RDU_SM_613464	256.00	257.58	ASSAY	182.00	2,613.20	14.30	223.00	70.60	2.90	0.80	1.43
120.60	120.60	fracture 50 Deg to CA,	RDU_SM_613465	257.58	259.00	ASSAY	27.00	4,096.00	28.50	56.00	29.60	15.10	1.70	0.63
			RDU_SM_613466	259.00	260.60	ASSAY	21.00	406.40	91.20	238.00	80.40	25.40	6.20	0.41
125.85	125.85	fracture 60 Deg to CA,	RDU_SM_613467	260.60	262.10	ASSAY	42.00	263.10	17.60	232.00	91.50	19.90	10.70	2.28
			RDU_SM_613468	262.10	263.60	ASSAY	42.00	193.40	11.10	102.00	44.10	1.50	30.10	4.06
126.54	126.65	vein 23 Deg to CA, Comment: QZ-PY VN	RDU_SM_613470	263.60	265.00	ASSAY	97.00	555.90	34.40	742.00	93.50	18.00	14.80	3.91
			RDU_SM_613471	265.00	266.50	ASSAY	59.00	362.00	56.10	833.00	89.30	28.30	6.30	2.06
126.90	126.97	vein 55 Deg to CA, Comment: Vuggy milky QZ VN	RDU_SM_613472	266.50	268.00	ASSAY	45.00	1,029.30	42.70	708.00	64.10	17.30	5.10	1.02
			RDU_SM_613473	268.00	269.40	ASSAY	37.00	812.80	35.00	818.00	74.60	12.70	1.80	0.97
127.87	127.87	fracture 50 Deg to CA,	RDU_SM_613474	269.40	270.60	ASSAY	18.00	175.00	14.10	118.00	45.40	2.20	0.80	0.64
			RDU_SM_613475	270.60	272.00	ASSAY	8.00	1,407.30	4.80	34.00	15.50	0.20	0.70	0.37
127.90	127.90	foliation 50 Deg to CA,	RDU_SM_613476	272.00	273.50	ASSAY	197.00	10,000.00	19.20	679.00	42.20	0.60	18.20	4.66
			RDU_SM_613477	273.50	276.15	ASSAY	17.00	528.20	4.50	29.00	30.80	0.90	1.30	0.91
128.00	128.00	fracture 30 Deg to CA,	RDU_SM_613478	276.15	277.50	ASSAY	10.00	95.10	6.40	38.00	43.00	0.40	0.80	0.89
			RDU_SM_613480	277.50	279.00	ASSAY	36.00	133.70	8.90	67.00	43.30	1.40	1.40	1.97
128.10	128.10	foliation 30 Deg to CA,	RDU_SM_613481	279.00	280.50	ASSAY	15.00	52.80	7.50	72.00	44.40	5.50	1.30	1.11
			RDU_SM_613482	280.50	282.00	ASSAY	44.00	266.60	19.40	401.00	71.80	5.80	1.00	1.63
132.77	133.20	fracture 60 Deg to CA, Comment: Fracturing occuring along foliation parting surfaces	RDU_SM_613483	282.00	282.56	ASSAY	35.00	134.20	17.20	193.00	65.50	3.60	1.50	2.61
			RDU_SM_613484	282.56	284.00	ASSAY	34.00	88.40	19.90	202.00	76.10	6.90	1.60	1.84
132.77	133.20	foliation 60 Deg to CA,	RDU_SM_613485	284.00	285.50	ASSAY	30.00	75.70	11.40	123.00	70.40	1.30	1.30	1.70
			RDU_SM_613486	285.50	287.00	ASSAY	14.00	515.70	21.30	75.00	27.80	1.00	0.60	0.42
133.66	133.66	fracture 40 Deg to CA,	RDU_SM_613487	287.00	288.50	ASSAY	30.00	110.50	4.90	30.00	27.00	0.50	0.30	0.46
			RDU_SM_613488	288.50	290.17	ASSAY	35.00	243.80	5.30	27.00	22.60	0.30	0.40	0.36
139.22	139.22	contact (upper) 80 Deg to CA, Comment: Contact into Quartzite	RDU_SM_613489	290.17	291.50	ASSAY	9.00	62.50	9.20	29.00	37.10	4.50	0.50	0.46
			RDU_SM_613490	290.17	291.50	FieldDup	11.00	60.70	10.00	40.00	48.50	6.50	0.50	0.53
140.49	140.51	vein 60 Deg to CA, Comment: QZ VN	RDU_SM_613491	291.50	293.00	ASSAY	9.00	48.80	9.10	41.00	36.00	3.00	0.40	0.47
			RDU_SM_613492	293.00	294.50	ASSAY	13.00	523.40	9.00	58.00	33.60	0.60	0.50	0.64
141.60	141.92	vein 60 Deg to CA, Comment: Brecciated QZ-ASP VN / QZT band?	RDU_SM_613493	294.50	296.00	ASSAY	12.00	535.70	13.80	144.00	41.20	3.10	0.80	0.56
			RDU_SM_613494	296.00	296.82	ASSAY	9.00	336.70	25.50	315.00	56.80	5.70	0.50	0.43
143.65	144.07	vein 6 Deg to CA, Comment: Milky QZ-MO VN	RDU_SM_613495	296.82	298.09	ASSAY	6.00	36.80	9.10	163.00	60.90	2.80	0.70	1.02
			RDU_SM_613496	298.09	299.50	ASSAY	8.00	41.10	9.40	126.00	45.40	1.50	0.60	0.81
144.81	144.81	fracture 20 Deg to CA,	RDU_SM_613497	299.50	300.97	ASSAY	8.00	28.70	3.90	95.00	45.20	0.90	0.80	0.44
			RDU_SM_613498	300.97	302.50	ASSAY	12.00	12.00	5.60	95.00	48.00	1.20	0.40	0.86

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From	To	Lithology	Samples Details											
144.81	144.81	foliation 20 Deg to CA,	RDU_SM_613500	302.50	304.00	ASSAY	29.00	3,007.80	3.70	84.00	44.70	4.20	0.50	0.66
			RDU_SM_613501	304.00	305.50	ASSAY	869.00	1,819.90	5.30	115.00	44.40	0.90	0.60	1.33
145.18	145.18	fracture 33 Deg to CA,	RDU_SM_613502	305.50	306.93	ASSAY	10.00	14.20	4.40	109.00	38.30	0.80	0.20	0.41
			RDU_SM_613503	306.93	308.50	ASSAY	8.00	10.40	6.20	122.00	43.40	1.00	0.10	0.48
147.00	147.00	foliation 36 Deg to CA,	RDU_SM_613504	308.50	310.00	ASSAY	549.00	16.10	6.90	137.00	53.10	0.90	0.20	0.64
147.83	147.83	fracture 60 Deg to CA,	RDU_SM_613505	310.00	311.12	ASSAY	474.00	749.30	10.30	81.00	50.20	11.50	0.60	0.91
			RDU_SM_613506	311.12	312.12	ASSAY	15.00	7.80	4.40	105.00	46.30	1.00	0.10	0.48
150.49	150.49	foliation 25 Deg to CA,												
151.10	151.10	fracture 35 Deg to CA,												
151.17	151.17	foliation 35 Deg to CA,												
152.22	152.22	fracture 40 Deg to CA,												
152.48	152.48	foliation 50 Deg to CA,												
152.66	152.66	foliation 50 Deg to CA,												
154.00	154.00	fracture 25 Deg to CA,												
154.29	154.29	foliation 25 Deg to CA,												
155.25	155.25	fracture 28 Deg to CA, Comment: Graphite in-fill												
160.30	160.30	foliation 30 Deg to CA, Comment: Graphitic plane												
160.30	160.30	fracture 30 Deg to CA, Comment: Along foliation												
161.28	161.28	foliation 33 Deg to CA,												
163.63	163.63	foliation 20 Deg to CA,												
164.00	164.00	fracture 20 Deg to CA,												
165.94	165.99	boudinage/boudins 35 Deg to CA, Comment: Milly Qtz Boudin VN												
178.00	178.00	foliation 25 Deg to CA,												
180.30	180.30	foliation 24 Deg to CA,												
180.52	180.52	foliation 30 Deg to CA,												
185.18	185.18	fracture 30 Deg to CA,												
185.90	185.90	foliation 40 Deg to CA,												

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From	To	Lithology	Samples Details
187.01	187.02	vein 40 Deg to CA, Comment: Vugged/leached QZ VN/QZT layer?	
190.91	190.94	vein 40 Deg to CA, Comment: QZ VN	
192.07	192.07	foliation 45 Deg to CA,	
193.82	193.82	boudinage/boudins 60 Deg to CA,	
194.76	195.02	boudinage/boudins 50 Deg to CA, Comment: Fragmented Boudin QZ Veins	
199.00	199.00	foliation 30 Deg to CA,	
199.00	199.83	crenulation cleavage 70 Deg to CA, Comment: Series of weak oxidized frature planes	
199.83	200.50	crenulation cleavage 75 Deg to CA, Comment: Series of oxidized weakened planes	
201.63	202.17	vein 40 Deg to CA, Comment: Quartzose layer/vein?	
204.04	204.42	vein Comment: Quartzose layer/vein?	
204.60	204.63	vein 28 Deg to CA, Comment: QZ VN	
206.00	206.00	foliation 15 Deg to CA,	
207.00	207.00	foliation 15 Deg to CA,	
207.82	207.91	band 15 Deg to CA, Comment: Quartzose layer	
210.48	211.42	crenulation cleavage 75 Deg to CA,	
211.48	212.36	foliation 15 Deg to CA,	
214.40	214.40	foliation 16 Deg to CA,	
215.12	215.12	foliation 17 Deg to CA,	
215.60	215.60	fracture 17 Deg to CA,	
216.41	216.44	boudinage/boudins 30 Deg to CA, Comment: Boudin QZ VN	
216.69	216.69	fracture 30 Deg to CA,	
219.00	219.00	foliation 18 Deg to CA,	
219.42	219.42	foliation 18 Deg to CA,	
231.00	231.00	fracture 20 Deg to CA,	

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From	To	Lithology	Samples Details
240.18	240.67	vein 22 Deg to CA, Comment: QZ-PY vein	
242.50	242.50	foliation 30 Deg to CA,	
242.64	242.64	fracture 30 Deg to CA, Comment: Following foliation	
243.00	243.00	foliation 30 Deg to CA,	
243.00	243.00	fracture 30 Deg to CA, Comment: Following foliation	
246.37	246.40	vein 40 Deg to CA, Comment: QZ-PY VN	
246.90	247.00	vein 40 Deg to CA, Comment: QZ-PY VN	
248.52	248.52	fracture 35 Deg to CA,	
248.52	248.52	foliation 35 Deg to CA,	
249.79	249.79	foliation 35 Deg to CA,	
249.79	249.79	fracture 35 Deg to CA, Comment: Graphite in fill	
251.50	251.50	fracture 60 Deg to CA,	
251.50	251.50	foliation 60 Deg to CA,	
251.52	251.62	band 60 Deg to CA, Comment: Vugged Quartzose bands following foliation	
251.56	251.58	breccia 65 Deg to CA, Comment: Vugged Qtz boudin (leached sulfide?)	
256.00	256.00	fracture 24 Deg to CA, Comment: Graphite in-fill	
256.00	256.00	foliation 24 Deg to CA,	
257.00	257.00	fracture 25 Deg to CA,	
257.00	257.00	foliation 25 Deg to CA,	
257.24	257.58	band Comment: QZT layer	
257.58	270.60	fault Comment: Fault zone with gouge	
263.89	265.79	gouge Comment: Graphitic gouge	
266.50	268.00	gouge Comment: Graphitic gouge	
270.60	296.82	band Comment: QZT rich, some micaceous foliation	

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From	To	Lithology	Samples Details
280.50	280.72	gouge	
284.07	284.42	gouge	
293.90	293.90	foliation 30 Deg to CA,	
296.92	296.92	foliation 20 Deg to CA,	
297.18	297.18	fracture 20 Deg to CA,	
297.80	297.80	foliation 20 Deg to CA,	
299.50	300.53	fracture Comment: Brittle fracture zone	
299.50	299.50	foliation 20 Deg to CA,	
301.50	301.50	foliation 40 Deg to CA,	
302.26	302.28	vein 40 Deg to CA,	
302.50	302.50	foliation 40 Deg to CA,	
302.68	302.70	vein 40 Deg to CA, Comment: QZ-PY VN	
302.89	302.96	vein 40 Deg to CA, Comment: QZ-PY VN	
305.40	305.40	foliation 25 Deg to CA,	
305.40	305.40	fracture 25 Deg to CA,	
307.00	307.00	foliation 30 Deg to CA,	
308.00	308.00	foliation 30 Deg to CA,	
308.50	308.50	foliation 40 Deg to CA,	
309.50	309.50	foliation 35 Deg to CA,	
311.00	311.00	foliation 30 Deg to CA,	
311.37	311.37	fracture 30 Deg to CA,	
311.80	311.80	foliation 35 Deg to CA,	

From	To	Lithology	Samples Details													
24.29	25.02	SCH, Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Sheared Graphitic schist		RDU_SM_613277	24.29	25.00	ASSAY	38.00		364.20	14.60	4.00	45.50	2.80	2.80	0.03
INTERVALS DETAILS:																
Colour																
24.29	25.02	Dominant: N 3														
Texture																
24.29	25.02	schistose														
Alteration																
24.29	25.02	40-60% argillic Level: 1														

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From		To	Lithology	Samples Details													
25.02	139.22		QBTS, Quartz Biotite Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Heavily altered, bleached and brecciated Qtz-Bio Schist +/- Graphite. Very brittle and clay altered with strong Limonitic staining. Biotite increasing downhole.														
INTERVALS DETAILS:					RDU_SM_613279	26.00	27.00	ASSAY	33.00		1,575.00	11.30	29.00	129.60	6.70	13.00	0.03
Colour					RDU_SM_613280	26.00	27.00	FieldDup	87.00		951.40	8.20	18.00	91.60	7.20	8.00	0.03
25.02	60.63	Dominant: N 4 Secondary: N 9 Comment: Intermitant schistose layers of felsic Quartz and Biotite, with strong Limontic staining			RDU_SM_613281	27.00	28.00	ASSAY	20.00		480.60	10.10	8.00	40.00	4.20	5.00	0.03
					RDU_SM_613282	28.00	29.00	ASSAY	13.00		593.40	11.00	6.00	39.10	8.30	4.40	0.03
60.63	139.22	Dominant: N 3 Secondary: N 9 Comment: Greasy lustre from graphite, Qtz-Bio Schist			RDU_SM_613283	29.00	30.00	ASSAY	6.00		262.20	14.70	4.00	21.60	1.40	4.00	0.03
					RDU_SM_613284	30.00	31.00	ASSAY	32.00		308.00	15.70	4.00	47.30	2.40	5.30	0.03
					RDU_SM_613285	31.00	32.00	ASSAY	37.00		741.70	31.00	5.00	58.90	2.10	5.80	0.03
					RDU_SM_613286	32.00	33.00	ASSAY	32.00		690.30	24.20	9.00	89.50	3.60	6.80	0.03
Texture					RDU_SM_613287	33.00	34.00	ASSAY	51.00		509.20	27.00	14.00	72.20	3.00	6.30	0.03
25.02	139.22	brecciated Comment: Brecciated Schist with Quartz clasts ranging 0.1-2.0 cm			RDU_SM_613288	34.00	35.00	ASSAY	64.00		811.40	51.00	17.00	111.30	4.00	9.90	0.03
					RDU_SM_613289	35.00	36.00	ASSAY	61.00		746.90	22.70	8.00	81.10	2.20	7.50	0.03
25.02	139.22	schistose			RDU_SM_613290	36.00	38.00	ASSAY	24.00		661.80	20.40	11.00	121.10	3.20	5.40	0.03
					RDU_SM_613291	38.00	39.00	ASSAY	73.00		1,279.90	55.80	12.00	135.50	5.10	9.20	0.03
55.57	56.29	vuggy Comment: Vuggy gossanous material			RDU_SM_613292	39.00	40.00	ASSAY	51.00		1,156.10	50.40	15.00	182.60	8.70	13.80	0.03
					RDU_SM_613293	40.00	41.00	ASSAY	60.00		1,308.40	30.10	98.00	80.30	1.70	3.80	0.03
70.66	70.78	vuggy Comment: Vuggy Qtz rich schist			RDU_SM_613294	41.00	42.00	ASSAY	23.00		428.10	28.80	63.00	45.10	2.30	1.90	0.03
					108.00	114.00	schistose Comment: Rock more foliated and less brecciated			RDU_SM_613296	42.00	44.00	ASSAY	50.00		931.50	48.60
RDU_SM_613297	44.00	45.02	ASSAY	21.00							372.10	11.80	162.00	31.70	1.70	0.80	0.03
Mineral					RDU_SM_613298	45.02	46.00	ASSAY	38.00		332.00	18.10	10.00	37.10	1.50	1.60	0.03
53.58	53.94	10 R 8/2 muscovite Comment: Muscovite rich layer, associated with red colour (oxidization?)			RDU_SM_613300	46.00	47.00	ASSAY	58.00		418.80	82.50	21.00	79.30	3.00	3.00	0.03
					RDU_SM_613301	47.00	48.00	ASSAY	49.00		686.50	34.60	53.00	173.70	5.90	5.10	0.03
126.54	126.65	0.1pyrite Fine-grained Anhedral			RDU_SM_613302	48.00	49.00	ASSAY	27.00		317.70	25.60	20.00	97.70	3.90	2.10	0.03
					RDU_SM_613303	49.00	50.00	ASSAY	14.00		356.00	49.90	22.00	128.90	3.30	3.60	0.03
Alteration					RDU_SM_613304	50.00	51.00	ASSAY	10.00		362.80	54.10	23.00	126.80	2.60	3.30	0.03
25.02	60.63	60-80% oxide Fracture-related 10 R 3/4 Level: 2			RDU_SM_613305	51.00	52.00	ASSAY	23.00		285.90	56.40	38.00	169.00	2.50	2.80	0.03
					RDU_SM_613306	52.00	53.00	ASSAY	69.00		481.70	46.60	83.00	181.10	3.50	3.10	0.03
25.02	60.63	60-80% argillic Pervasive 10 YR 6/6 Level: 1			RDU_SM_613307	53.00	54.00	ASSAY	56.00		152.20	26.30	9.00	71.30	2.40	2.60	0.03
					RDU_SM_613308	54.00	55.00	ASSAY	46.00		252.70	22.80	17.00	118.70	2.00	1.60	0.03
29.20	30.48	80-100% argillic Pervasive 10 YR 6/6 Level: 1 Comment: Very brittle, highly clay altered			RDU_SM_613309	55.00	56.00	ASSAY	34.00		470.80	24.90	28.00	97.70	4.80	4.40	0.03
					55.57	56.29	60-80% oxide Fracture-related 10 R 3/4 Level: 1 Comment: Gossanous material			RDU_SM_613310	55.00	56.00	FieldDup	44.00		547.50	27.70
RDU_SM_613311	56.00	57.00	ASSAY	53.00							484.30	28.90	48.00	65.90	5.70	2.50	0.03
58.43	60.63	60-80% oxide Fracture-related 10 R 3/4 Level: 1 Comment: Gossanous			RDU_SM_613312	57.00	58.00	ASSAY	24.00		1,203.20	29.00	236.00	68.90	5.70	5.30	0.03
					RDU_SM_613313	58.00	59.00	ASSAY	55.00		884.90	35.20	94.00	74.20	5.90	3.50	0.03
60.63	139.22	40-60% oxide Fracture-related 10 YR 6/6 Level: 2 Comment: Less oxidization occuring along fractures with associated clay alteration			RDU_SM_613314	59.00	60.00	ASSAY	48.00		515.60	27.80	39.00	21.80	2.40	2.30	0.03
					RDU_SM_613315	60.00	61.00	ASSAY	71.00		372.40	1,049.10	40.00	58.20	6.70	2.50	0.03
60.63	139.22	40-60% argillic Pervasive N 4 Level: 1 Comment: Dark graphitic clay alteration			RDU_SM_613316	61.00	62.48	ASSAY	25.00		410.60	27.20	29.00	85.60	5.20	2.50	0.03
					RDU_SM_613317	62.48	64.00	ASSAY	54.00		517.60	46.10	17.00	43.60	3.90	3.50	0.10
67.18	67.79	60-80% graphite Pervasive N 3 Level: 1			RDU_SM_613318	64.00	65.53	ASSAY	133.00		619.60	15.70	5.00	24.20	4.70	6.00	0.05
					RDU_SM_613320	65.53	67.00	ASSAY	87.00		250.50	17.50	5.00	45.30	3.60	1.20	0.08
86.87	88.24	80-100% argillic Pervasive 10 Y 8/2 Level: 1 Comment: Clay alteration to QTZ vein/layer ?			RDU_SM_613321	67.00	68.50	ASSAY	39.00		125.20	10.20	20.00	28.40	2.90	1.20	0.03

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From	To	Lithology	Samples Details											
101.12	101.60	60-80% argillic Localized 10 Y 8/2 Level: 3	RDU_SM_613322	68.50	70.00	ASSAY	9.00	134.20	17.20	34.00	68.20	4.40	2.30	0.03
104.90	105.41	80-100% graphite Pervasive N 3 Level: 1	RDU_SM_613323	70.00	71.50	ASSAY	15.00	133.10	21.80	7.00	46.70	3.20	2.20	0.03
			RDU_SM_613324	71.50	73.00	ASSAY	7.00	44.10	23.90	7.00	48.40	8.30	2.50	0.03
			Structure											
30.65	30.65	foliation 20 Deg to CA, Comment: soupy foliation	RDU_SM_613325	73.00	74.50	ASSAY	429.00	32.70	10.00	6.00	13.60	2.70	1.70	0.06
			RDU_SM_613326	74.50	76.00	ASSAY	4.00	32.10	11.20	3.00	20.90	2.50	0.70	0.07
48.00	48.04	band 40 Deg to CA, Comment: Qtz rich layer/ Qtz vein?	RDU_SM_613327	76.00	77.50	ASSAY	8.00	52.90	15.80	4.00	7.70	2.50	0.80	0.07
			RDU_SM_613328	77.50	79.00	ASSAY	9.00	8.70	10.10	2.00	18.80	2.40	0.50	0.03
48.16	48.23	band 40 Deg to CA, Comment: Qtz rich layer/ Qtz vein?	RDU_SM_613330	79.00	80.50	ASSAY	12.00	253.90	377.90	13.00	19.00	6.30	0.90	0.25
			RDU_SM_613331	80.50	82.00	ASSAY	9.00	46.70	20.60	2.00	12.10	2.40	1.20	0.03
57.00	57.00	foliation 40 Deg to CA,	RDU_SM_613332	82.00	83.50	ASSAY	33.00	17.10	30.10	3.00	41.30	3.30	1.30	0.03
			RDU_SM_613333	83.50	85.00	ASSAY	12.00	21.40	90.00	2.00	22.70	4.60	1.50	0.10
60.80	60.80	foliation 35 Deg to CA,	RDU_SM_613334	85.00	86.50	ASSAY	13.00	23.60	20.80	1.00	17.80	2.10	1.20	0.22
			RDU_SM_613335	86.50	88.00	ASSAY	26.00	169.80	122.50	8.00	8.80	3.60	1.20	0.22
65.68	66.85	gouge	RDU_SM_613336	88.00	89.50	ASSAY	15.00	65.60	32.20	2.00	10.10	1.60	0.90	0.16
			RDU_SM_613337	89.50	91.00	ASSAY	11.00	17.50	20.00	2.00	8.10	2.20	1.20	0.08
67.30	67.30	fracture 30 Deg to CA, Comment: Parting along foliations (graphitic rich)	RDU_SM_613338	91.00	92.50	ASSAY	16.00	34.00	23.20	2.00	20.60	3.50	1.10	0.13
			RDU_SM_613339	92.50	94.00	ASSAY	14.00	235.70	15.80	2.00	10.90	2.50	0.60	0.13
67.30	67.30	foliation 30 Deg to CA,	RDU_SM_613340	92.50	94.00	FieldDup	19.00	289.40	18.50	2.00	10.30	3.60	0.70	0.16
71.60	71.60	fracture 40 Deg to CA, Comment: LIM staining	RDU_SM_613341	94.00	95.50	ASSAY	26.00	217.90	32.20	2.00	12.30	3.50	0.90	0.11
			RDU_SM_613342	95.50	97.00	ASSAY	68.00	56.10	83.70	1.00	4.60	2.50	1.20	0.14
73.38	73.87	gouge	RDU_SM_613343	97.00	98.50	ASSAY	27.00	650.70	47.00	25.00	10.10	6.00	1.20	0.33
			RDU_SM_613344	98.50	100.00	ASSAY	37.00	243.80	20.20	24.00	13.10	7.50	1.40	0.33
75.62	79.90	gouge	RDU_SM_613345	100.00	101.50	ASSAY	20.00	54.40	32.60	29.00	7.80	5.00	0.80	0.36
91.58	92.30	gouge 20 Deg to CA, Comment: Ending in brittle LIM rich material	RDU_SM_613346	101.50	103.00	ASSAY	73.00	1,393.00	15.30	23.00	29.40	6.00	2.20	0.55
			RDU_SM_613347	103.00	104.50	ASSAY	28.00	265.50	29.50	7.00	14.30	4.50	1.40	0.43
93.07	93.19	gouge Comment: Graphite rich	RDU_SM_613348	104.50	106.00	ASSAY	19.00	72.00	22.90	17.00	20.50	3.90	1.10	0.24
			RDU_SM_613350	106.00	107.50	ASSAY	24.00	518.40	30.40	19.00	18.60	6.50	1.80	0.15
97.40	97.69	band 40 Deg to CA, Comment: ALtered Qtz rich band/vein?	RDU_SM_613351	107.50	109.00	ASSAY	14.00	175.30	22.00	84.00	39.00	8.90	1.70	0.20
			RDU_SM_613352	109.00	110.51	ASSAY	17.00	464.90	29.40	46.00	12.10	4.70	0.60	0.14
101.06	101.06	fracture 70 Deg to CA,	RDU_SM_613353	110.51	112.00	ASSAY	4.00	86.30	18.50	16.00	27.50	3.40	0.90	0.25
102.00	102.00	fracture 20 Deg to CA,	RDU_SM_613354	112.00	113.50	ASSAY	1.00	46.00	14.30	2.00	14.90	3.00	0.90	0.08
			RDU_SM_613355	113.50	115.00	ASSAY	31.00	584.20	22.80	3.00	25.30	3.20	1.00	0.20
103.36	103.36	fracture 30 Deg to CA,	RDU_SM_613356	115.00	116.50	ASSAY	18.00	1,387.40	21.10	18.00	50.00	5.60	1.10	0.07
			RDU_SM_613357	116.50	118.00	ASSAY	58.00	284.50	34.00	3.00	22.20	4.70	0.90	0.14
108.20	108.20	foliation 70 Deg to CA,	RDU_SM_613358	118.00	119.50	ASSAY	57.00	359.10	38.20	5.00	10.60	4.30	0.80	0.20
108.85	108.85	fracture 70 Deg to CA, Comment: Fracture following foliation	RDU_SM_613360	119.50	121.00	ASSAY	14.00	194.60	21.50	62.00	47.60	4.20	0.60	0.20
			RDU_SM_613361	121.00	122.50	ASSAY	32.00	346.20	33.60	37.00	17.40	8.70	1.10	0.49
109.82	109.82	foliation 70 Deg to CA, Comment: Fractures following foliation	RDU_SM_613362	122.50	124.00	ASSAY	42.00	285.60	54.10	46.00	30.20	13.40	1.30	0.35
			RDU_SM_613363	124.00	125.50	ASSAY	57.00	136.60	42.00	71.00	19.90	8.10	1.50	0.49
111.80	111.80	fracture 70 Deg to CA,	RDU_SM_613364	125.50	127.00	ASSAY	59.00	470.00	56.10	43.00	12.40	7.90	1.20	0.43
111.80	111.80	foliation 70 Deg to CA,	RDU_SM_613365	127.00	128.50	ASSAY	19.00	54.90	22.80	12.00	5.90	4.20	0.20	0.15
			RDU_SM_613366	128.50	130.00	ASSAY	6.00	27.30	25.90	3.00	5.80	2.90	0.20	0.11

From	To	Lithology	Samples Details											
112.10	112.10	foliation 75 Deg to CA,	RDU_SM_613367	130.00	131.50	ASSAY	11.00	42.50	29.90	3.00	9.20	3.70	0.40	0.18
			RDU_SM_613368	131.50	133.00	ASSAY	21.00	26.70	18.70	3.00	6.60	3.50	0.50	0.16
120.60	120.60	fracture 50 Deg to CA,	RDU_SM_613369	133.00	134.50	ASSAY	13.00	26.40	30.80	3.00	8.70	2.60	0.50	0.19
			RDU_SM_613370	133.00	134.50	FieldDup	8.00	24.60	20.70	2.00	5.60	2.40	0.50	0.16
125.85	125.85	fracture 60 Deg to CA,	RDU_SM_613371	134.50	136.00	ASSAY	11.00	66.50	16.40	2.00	8.20	3.70	0.50	0.24
			RDU_SM_613372	136.00	137.50	ASSAY	6.00	337.60	17.30	2.00	8.60	2.90	1.40	0.19
126.54	126.65	vein 23 Deg to CA, Comment: QZ-PY VN	RDU_SM_613373	137.50	139.22	ASSAY	22.00	585.60	18.90	2.00	14.20	4.60	2.10	0.28
126.90	126.97	vein 55 Deg to CA, Comment: Vuggy milky QZ VN												
127.87	127.87	fracture 50 Deg to CA,												
127.90	127.90	foliation 50 Deg to CA,												
127.92	127.92	fracture 50 Deg to CA,												
128.00	128.00	fracture 30 Deg to CA,												
128.10	128.10	foliation 30 Deg to CA,												
132.77	133.20	fracture 60 Deg to CA, Comment: Fracturing occuring along foliation parting surfaces												
132.77	133.20	foliation 60 Deg to CA,												
133.66	133.66	fracture 40 Deg to CA,												
139.22	139.22	contact (upper) 80 Deg to CA, Comment: Contact into Quartzite												

From			To	Lithology	Samples Details													
139.22	141.92	QZT, Quartzite			Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:																		
INTERVALS DETAILS:						RDU_SM_613374	139.22	140.57	ASSAY	29.00		486.30	6.70	0.50	14.10	1.00	2.10	0.12
Colour						RDU_SM_613375	140.57	141.92	ASSAY	44.00		10,000.00	8.50	3.00	147.60	1.10	5.60	0.51
139.22	141.92	Dominant: N 9 Secondary: N 6 Comment: some biotite/mica present as dark colouration or bands																
Texture																		
139.22	141.92	vuggy Comment: irregular to cubic vugs from sulfide leaching																
Mineral																		
141.60	141.92	1arsenopyrite Medium-grained Anhedral Comment: occuring as large accumulated blebs																
Alteration																		
139.22	141.92	40-60% oxide Fracture-related 5 YR 5/6 Level: 1																
141.60	141.92	20-40% sericite Localized 5 GY 7/2 Level: 2 Comment: Associated with ASP mineralisation																
Structure																		
139.22	139.22	contact (upper) 80 Deg to CA, Comment: Contact into Quartzite																
139.37	139.37	vein																
140.49	140.51	vein 60 Deg to CA, Comment: QZ VN																
141.60	141.92	vein 60 Deg to CA, Comment: Brecciated QZ-ASP VN / QZT band?																

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From			To	Lithology	Samples Details													
141.92	152.67	QMS, Quartz Mica Schist			Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz-Biotite-Muscovite-Graphite Schist. Oxidization occuring along foliation surfaces. Graphite exposed along fracture plane.															
INTERVALS DETAILS:					RDU_SM_613376	141.92	143.50	ASSAY	38.00		1,821.50	5.50	36.00	69.60	2.10	1.50	0.19	
Colour					RDU_SM_613377	143.50	145.00	ASSAY	2,817.00		2,270.80	94.90	85.00	88.60	3.10	2.10	0.09	
141.92	152.67	Dominant: N 4			RDU_SM_613378	145.00	146.50	ASSAY	10.00		338.00	8.00	77.00	116.00	2.70	0.90	0.05	
		Secondary: N 9			RDU_SM_613380	146.50	148.00	ASSAY	11.00		80.90	3.70	287.00	292.40	1.70	1.10	0.03	
		Comment: Limonitic overprints			RDU_SM_613381	148.00	149.50	ASSAY	33.00		2,887.70	6.60	196.00	252.20	1.90	1.10	0.10	
Texture					RDU_SM_613382	149.50	151.00	ASSAY	14.00		1,331.90	6.90	180.00	318.00	1.30	1.20	0.15	
141.92	152.67	schistose			RDU_SM_613383	151.00	152.67	ASSAY	12.00		1,285.20	9.70	157.00	258.20	4.10	0.80	0.09	
Comment: Periods of well foliated rock																		
Mineral																		
143.65	144.07	0.01molybdenite			Very fine-grained Anhedral													
Alteration																		
141.92	152.67	40-60% oxide			Pervasive 5 YR 5/6 Level: 1													
Structure																		
143.65	144.07	vein 6 Deg to CA,																
		Comment: Milky QZ-MO VN																
144.81	144.81	fracture 20 Deg to CA,																
144.81	144.81	foliation 20 Deg to CA,																
145.18	145.18	fracture 33 Deg to CA,																
147.00	147.00	foliation 36 Deg to CA,																
147.83	147.83	fracture 60 Deg to CA,																
150.49	150.49	foliation 25 Deg to CA,																
151.10	151.10	fracture 35 Deg to CA,																
151.17	151.17	foliation 35 Deg to CA,																
152.22	152.22	fracture 40 Deg to CA,																
152.48	152.48	foliation 50 Deg to CA,																
152.66	152.66	foliation 50 Deg to CA,																

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From To Lithology			Samples Details													
152.67	153.80	QZT, Quartzite	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Same as above QZT unit																
INTERVALS DETAILS:				RDU_SM_613384	152.67	153.80	ASSAY	21.00		999.90	15.30	5.00	52.50	2.90	2.30	0.21

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FromToLithology			Samples Details													
153.80	257.58	QMS, Quartz Mica Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Quartz-Biotite-Muscovite+-Graphite Schist as previously mentioned. Periods of well foliated rock with intermitant layers of bracciated/very schistose material. Oxidization is pervasive evident along foliation planes. Core is moderately silicified with periods of clay alteration affecting competency. Periods of Quartzose material/QZT.													
INTERVALS DETAILS:				RDU_SM_613385	153.80	155.50	ASSAY	13.00		685.90	23.80	26.00	74.00	8.40	1.00	0.19
Colour				RDU_SM_613386	155.50	157.00	ASSAY	11.00		118.30	13.50	82.00	44.50	4.80	0.90	0.11
153.80	253.67	Dominant: N 4		RDU_SM_613387	157.00	158.50	ASSAY	6.00		474.20	26.50	14.00	28.70	7.20	0.70	0.13
		Secondary: N 9		RDU_SM_613388	158.50	160.00	ASSAY	3.00		662.60	26.10	4.00	26.20	3.80	1.00	0.21
		Comment: Limonitic overprint (light brown-orange), pearly light pink grey muscovite		RDU_SM_613390	160.00	161.54	ASSAY	6.00		45.90	15.30	176.00	212.60	10.60	0.80	0.08
Texture				RDU_SM_613391	161.54	163.00	ASSAY	2.00		9.30	6.80	190.00	273.90	0.40	0.40	0.06
153.80	253.67	schistose		RDU_SM_613392	163.00	164.59	ASSAY	1.00		6.20	5.20	180.00	128.40	1.10	0.30	0.03
		Comment: Periods of well foliated rock		RDU_SM_613393	164.59	166.10	ASSAY	1.00		7.00	6.60	197.00	115.30	1.40	0.20	0.03
		brecciated		RDU_SM_613394	166.10	167.64	ASSAY	7.00		28.40	11.70	174.00	90.90	3.50	0.60	0.03
168.26	171.85	Comment: Brecciated Qtz-Bio-Grp schist		RDU_SM_613395	167.64	169.00	ASSAY	18.00		21.70	192.70	86.00	33.50	2.80	0.50	0.03
175.65	176.48	brecciated		RDU_SM_613396	169.00	170.50	ASSAY	7.00		95.40	24.40	72.00	24.20	7.60	0.80	0.03
				RDU_SM_613397	170.50	172.00	ASSAY	12.00		90.80	20.50	126.00	41.70	11.00	1.00	0.06
220.48	223.47	brecciated		RDU_SM_613398	172.00	173.50	ASSAY	5.00		8.40	9.70	127.00	103.50	1.10	0.50	0.03
		Comment: Brecciated more mafic schist		RDU_SM_613399	173.50	175.00	ASSAY	4.00		26.00	11.20	203.00	364.90	4.50	0.50	0.09
				RDU_SM_613400	173.50	175.00	FieldDup	7.00		29.70	11.70	203.00	308.00	5.40	0.90	0.08
230.73	239.86	augen		RDU_SM_613401	175.00	176.50	ASSAY	13.00		70.00	22.30	129.00	224.10	14.60	1.10	0.03
		Comment: Qtz augens (good examples 238.9-239m)		RDU_SM_613402	176.50	178.00	ASSAY	4.00		16.30	5.90	189.00	180.60	1.20	0.40	0.03
				RDU_SM_613403	178.00	179.50	ASSAY	6.00		29.70	7.40	223.00	115.40	4.20	0.20	0.03
230.73	239.86	schistose		RDU_SM_613404	179.50	181.00	ASSAY	5.00		7.10	4.20	236.00	125.60	1.80	0.20	0.03
		Comment: very schistose material		RDU_SM_613405	181.00	182.50	ASSAY	41.00		72.20	8.60	271.00	129.60	3.40	0.50	0.05
				RDU_SM_613406	182.50	184.00	ASSAY	34.00		190.50	23.60	83.00	156.40	10.20	2.10	0.05
246.37	246.40	pyrite		RDU_SM_613407	184.00	185.50	ASSAY	25.00		923.30	45.50	109.00	99.90	3.00	0.70	0.06
		Comment: Trace PY in Qtz vein		RDU_SM_613408	185.50	187.00	ASSAY	18.00		690.90	13.10	168.00	93.40	2.00	0.50	0.03
				RDU_SM_613410	187.00	188.50	ASSAY	55.00		536.60	47.80	109.00	113.20	6.50	0.70	0.08
246.37	246.65	110 R 6/2 cinnabar		RDU_SM_613411	188.50	190.00	ASSAY	41.00		224.20	16.70	325.00	162.70	2.20	0.30	0.07
		Fine-grained		RDU_SM_613412	190.00	191.50	ASSAY	264.00		3,374.20	97.40	115.00	136.80	2.20	0.70	0.05
		Comment: ?		RDU_SM_613413	191.50	193.00	ASSAY	9.00		175.90	11.80	748.00	250.20	1.20	0.60	0.09
153.80	253.67	40-60% oxide Pervasive 5 YR 5/6 Level: 2		RDU_SM_613414	193.00	194.50	ASSAY	5.00		57.80	8.00	710.00	167.90	0.80	0.40	0.11
		Comment: Moderately oxidized, exposed along foliation planes and farctures		RDU_SM_613415	194.50	196.00	ASSAY	9.00		113.80	10.40	426.00	148.10	1.50	0.40	0.11
		60-80% silica Pervasive Level: 1		RDU_SM_613416	196.00	197.50	ASSAY	22.00		90.70	20.70	157.00	29.40	8.70	1.20	0.06
157.60	158.15	Comment: Moderately silicified, weakened by clay alteration locally to oxidization and fracturing		RDU_SM_613417	197.50	199.00	ASSAY	13.00		298.50	23.90	185.00	105.10	2.60	0.30	0.06
		0-20% sericite Localized 10 GY 7/2 Level: 3		RDU_SM_613418	199.00	200.45	ASSAY	5.00		140.60	28.60	227.00	191.40	0.60	0.30	0.03
				RDU_SM_613420	200.45	201.63	ASSAY	10.00		988.30	42.30	130.00	217.40	1.20	0.40	0.05
168.26	171.85	0-20% graphite Pervasive N 4 Level: 3		RDU_SM_613421	201.63	203.04	ASSAY	18.00		2,750.70	144.50	5.00	108.20	1.90	1.20	0.05
				RDU_SM_613422	203.04	204.00	ASSAY	20.00		697.20	159.10	3.00	17.40	1.50	0.50	0.07
		Comment: QZ rich with some goassanous material		RDU_SM_613423	204.00	205.00	ASSAY	80.00		3,251.10	2,190.60	6.00	70.80	4.40	2.80	0.13
191.11	193.08	60-80% oxide Pervasive 5 YR 5/6 Level: 1		RDU_SM_613424	205.00	206.50	ASSAY	9.00		603.40	34.10	94.00	107.60	5.10	0.40	0.06
		Comment: Pervasive ozidization, clay along fracture surfaces		RDU_SM_613425	206.50	208.00	ASSAY	11.00		266.20	24.40	172.00	166.60	2.80	0.30	0.03
				RDU_SM_613426	208.00	209.50	ASSAY	79.00		1,005.90	18.00	200.00	125.80	2.60	0.50	0.03
196.29	198.12	40-60% argillic Fracture-related 5 Y 8/4 Level: 2														
198.12	198.12	0-20% graphite Pervasive N 4 Level: 3														

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From	To	Lithology	Samples Details											
223.47	227.00	20-40% argillic Overprint 10 YR 7/4 Level: 2 Comment: Brittle clay altered zone	RDU_SM_613427	209.50	211.00	ASSAY	5.00	77.40	26.30	310.00	168.80	1.60	0.40	0.03
			RDU_SM_613428	211.00	212.50	ASSAY	3.00	116.60	26.50	45.00	65.10	3.30	0.30	0.03
239.38	240.93	40-60% graphite Localized N 4 Level: 2 Comment: Locally to QZ-SX veining/flooding	RDU_SM_613429	212.50	214.00	ASSAY	4.00	199.30	55.40	56.00	114.40	2.90	0.50	0.03
			RDU_SM_613430	212.50	214.00	FieldDup	9.00	167.20	48.80	69.00	124.10	3.30	0.60	0.03
Structure			RDU_SM_613431	214.00	215.50	ASSAY	3.00	34.90	14.20	146.00	109.20	1.40	0.30	0.03
154.00	154.00	fracture 25 Deg to CA,	RDU_SM_613432	215.50	217.00	ASSAY	1.00	90.00	8.40	143.00	59.30	1.60	0.20	0.03
			RDU_SM_613433	217.00	218.50	ASSAY	1.00	135.20	23.50	146.00	41.80	11.10	0.40	0.03
154.29	154.29	foliation 25 Deg to CA,	RDU_SM_613434	218.50	220.06	ASSAY	3.00	191.20	7.00	70.00	75.10	4.00	0.30	0.03
			RDU_SM_613435	220.06	221.50	ASSAY	13.00	555.70	24.90	189.00	159.00	5.40	0.60	0.05
155.25	155.25	fracture 28 Deg to CA, Comment: Graphite in-fill	RDU_SM_613436	221.50	223.00	ASSAY	17.00	603.90	20.50	96.00	74.10	8.10	0.80	0.03
			RDU_SM_613437	223.00	224.50	ASSAY	51.00	5,493.20	27.30	201.00	92.20	4.60	0.90	0.13
160.30	160.30	foliation 30 Deg to CA, Comment: Graphitic plane	RDU_SM_613438	224.50	226.00	ASSAY	4,459.00	3,656.10	71.90	98.00	69.00	9.10	1.00	0.18
			RDU_SM_613440	226.00	227.00	ASSAY	100.00	2,426.70	116.70	58.00	33.20	7.60	0.60	0.12
160.30	160.30	fracture 30 Deg to CA, Comment: Along foliation	RDU_SM_613441	227.00	228.60	ASSAY	464.00	6,817.00	11.50	33.00	193.40	2.20	0.60	0.10
			RDU_SM_613442	228.60	230.00	ASSAY	11.00	708.70	11.40	265.00	95.50	1.30	0.20	0.10
161.28	161.28	foliation 33 Deg to CA,	RDU_SM_613443	230.00	231.50	ASSAY	19.00	3,468.00	25.50	135.00	61.20	4.80	0.60	0.07
			RDU_SM_613444	231.50	233.05	ASSAY	32.00	582.60	21.20	20.00	40.70	6.90	0.90	0.13
164.00	164.00	fracture 20 Deg to CA,	RDU_SM_613445	233.05	234.50	ASSAY	19.00	172.00	10.00	219.00	140.20	3.20	1.20	0.28
			RDU_SM_613446	234.50	236.00	ASSAY	15.00	399.30	24.70	630.00	143.00	1.50	0.50	0.21
165.94	165.99	boudinage/boudins 35 Deg to CA, Comment: Mily Qtz Boudin VN	RDU_SM_613447	236.00	237.50	ASSAY	7.00	591.80	35.70	595.00	154.30	2.40	0.70	0.14
			RDU_SM_613448	237.50	239.00	ASSAY	20.00	254.20	19.30	417.00	110.50	3.00	0.30	0.33
178.00	178.00	foliation 25 Deg to CA,	RDU_SM_613450	239.00	239.88	ASSAY	67.00	4,770.80	154.10	752.00	97.00	2.70	0.90	0.95
			RDU_SM_613451	239.88	240.93	ASSAY	886.00	10,000.00	766.30	88.00	120.40	3.20	20.90	9.18
180.30	180.30	foliation 24 Deg to CA,	RDU_SM_613452	240.93	242.50	ASSAY	9.00	4,327.20	21.20	171.00	58.20	1.00	0.80	0.32
			RDU_SM_613453	242.50	244.00	ASSAY	4.00	424.70	8.10	319.00	55.00	2.40	0.30	0.12
180.52	180.52	foliation 30 Deg to CA,	RDU_SM_613454	244.00	245.46	ASSAY	8.00	64.10	8.10	253.00	46.70	2.80	0.50	0.51
			RDU_SM_613455	245.46	246.34	ASSAY	66.00	5,816.30	13.50	579.00	97.30	4.00	1.90	1.06
185.18	185.18	fracture 30 Deg to CA,	RDU_SM_613456	246.34	247.00	ASSAY	7.00	175.10	7.60	377.00	80.10	4.30	0.70	0.92
			RDU_SM_613457	247.00	248.51	ASSAY	41.00	126.30	17.50	432.00	85.80	8.00	1.00	1.82
187.01	187.02	vein 40 Deg to CA, Comment: Vugged/leached QZ VN/QZT layer?	RDU_SM_613458	248.51	250.00	ASSAY	12.00	110.10	11.00	220.00	121.70	6.00	0.80	0.97
			RDU_SM_613459	250.00	251.53	ASSAY	9.00	73.90	9.90	442.00	89.00	5.00	0.50	0.71
190.91	190.94	vein 40 Deg to CA, Comment: QZ VN	RDU_SM_613460	250.00	251.53	FieldDup	4.00	63.60	8.80	349.00	82.40	4.80	0.40	0.66
			RDU_SM_613461	251.53	252.98	ASSAY	1.00	50.70	9.60	672.00	63.80	4.70	0.30	0.30
192.07	192.07	foliation 45 Deg to CA,	RDU_SM_613462	252.98	254.50	ASSAY	9.00	83.40	32.00	272.00	89.50	9.00	0.90	1.20
			RDU_SM_613463	254.50	256.00	ASSAY	30.00	3,534.60	33.80	85.00	100.80	20.30	1.40	0.74
193.82	193.82	boudinage/boudins 60 Deg to CA,	RDU_SM_613464	256.00	257.58	ASSAY	182.00	2,613.20	14.30	223.00	70.60	2.90	0.80	1.43
194.76	195.02	boudinage/boudins 50 Deg to CA, Comment: Fragmented Boudin QZ Veins												
199.00	199.00	foliation 30 Deg to CA,												
199.00	199.83	crenulation cleavage 70 Deg to CA, Comment: Series of weak oxidized fratcure planes												
199.83	200.50	crenulation cleavage 75 Deg to CA, Comment: Series of oxidized weakened planes												

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From	To	Lithology	Samples Details
201.63	202.17	vein 40 Deg to CA, Comment: Quartzose layer/vein?	
204.04	204.42	vein Comment: Quartzose layer/vein?	
204.60	204.63	vein 28 Deg to CA, Comment: QZ VN	
206.00	206.00	foliation 15 Deg to CA,	
207.00	207.00	foliation 15 Deg to CA,	
207.82	207.91	band 15 Deg to CA, Comment: Quartzose layer	
210.48	211.42	crenulation cleavage 75 Deg to CA,	
211.48	212.36	foliation 15 Deg to CA,	
214.40	214.40	foliation 16 Deg to CA,	
215.12	215.12	foliation 17 Deg to CA,	
215.60	215.60	fracture 17 Deg to CA,	
216.41	216.44	boudinage/boudins 30 Deg to CA, Comment: Boudin QZ VN	
216.69	216.69	fracture 30 Deg to CA,	
219.00	219.00	foliation 18 Deg to CA,	
219.42	219.42	foliation 18 Deg to CA,	
231.00	231.00	fracture 20 Deg to CA,	
240.18	240.67	vein 22 Deg to CA, Comment: QZ-PY vein	
242.50	242.50	foliation 30 Deg to CA,	
242.64	242.64	fracture 30 Deg to CA, Comment: Following foliation	
243.00	243.00	foliation 30 Deg to CA,	
243.00	243.00	fracture 30 Deg to CA, Comment: Following foliation	
246.37	246.40	vein 40 Deg to CA, Comment: QZ-PY VN	
246.90	247.00	vein 40 Deg to CA, Comment: QZ-PY VN	
248.52	248.52	fracture 35 Deg to CA,	

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From		To	Lithology	Samples Details												
248.52	248.52		foliation 35 Deg to CA,													
249.79	249.79		foliation 35 Deg to CA,													
249.79	249.79		fracture 35 Deg to CA, Comment: Graphite in fill													
251.50	251.50		fracture 60 Deg to CA,													
251.50	251.50		foliation 60 Deg to CA,													
251.52	251.62		band 60 Deg to CA, Comment: Vugged Quartzose bands following foliation													
251.56	251.58		breccia 65 Deg to CA, Comment: Vugged Qtz boudin (leached sulfide?)													
256.00	256.00		fracture 24 Deg to CA, Comment: Graphite in-fill													
256.00	256.00		foliation 24 Deg to CA,													
257.00	257.00		fracture 25 Deg to CA,													
257.00	257.00		foliation 25 Deg to CA,													
257.24	257.58		band Comment: QZT layer													
257.58	270.60	FZN, Fault Zone	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:																
INTERVALS DETAILS:				RDU_SM_613465	257.58	259.00	ASSAY	27.00		4,096.00	28.50	56.00	29.60	15.10	1.70	0.63
Alteration				RDU_SM_613466	259.00	260.60	ASSAY	21.00		406.40	91.20	238.00	80.40	25.40	6.20	0.41
257.58	263.89	20-40% oxide Fracture-related 10 YR 6/6 Level: 2		RDU_SM_613467	260.60	262.10	ASSAY	42.00		263.10	17.60	232.00	91.50	19.90	10.70	2.28
				RDU_SM_613468	262.10	263.60	ASSAY	42.00		193.40	11.10	102.00	44.10	1.50	30.10	4.06
257.58	262.10	graphite		RDU_SM_613470	263.60	265.00	ASSAY	97.00		555.90	34.40	742.00	93.50	18.00	14.80	3.91
				RDU_SM_613471	265.00	266.50	ASSAY	59.00		362.00	56.10	833.00	89.30	28.30	6.30	2.06
262.10	263.89	20-40% argillic Localized 5 Y 8/4 Level: 2		RDU_SM_613472	266.50	268.00	ASSAY	45.00		1,029.30	42.70	708.00	64.10	17.30	5.10	1.02
				RDU_SM_613473	268.00	269.40	ASSAY	37.00		812.80	35.00	818.00	74.60	12.70	1.80	0.97
263.89	265.79	graphite		RDU_SM_613474	269.40	270.60	ASSAY	18.00		175.00	14.10	118.00	45.40	2.20	0.80	0.64
263.89	270.60	graphite														
266.50	268.00	graphite														
Structure																
257.58	270.60	fault Comment: Fault zone with gouge														
263.89	265.79	gouge Comment: Graphitic gouge														
266.50	268.00	gouge Comment: Graphitic gouge														

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From		To	Lithology	Samples Details													
270.60	312.12	QMS, Quartz Mica Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Same QMS unit as above					RDU_SM_613475	270.60	272.00	ASSAY	8.00		1,407.30	4.80	34.00	15.50	0.20	0.70	0.37
INTERVALS DETAILS:					RDU_SM_613476	272.00	273.50	ASSAY	197.00		10,000.00	19.20	679.00	42.20	0.60	18.20	4.66
Colour					RDU_SM_613477	273.50	276.15	ASSAY	17.00		528.20	4.50	29.00	30.80	0.90	1.30	0.91
270.60	312.12	Dominant: N 4			RDU_SM_613478	276.15	277.50	ASSAY	10.00		95.10	6.40	38.00	43.00	0.40	0.80	0.89
		Secondary: N 9			RDU_SM_613480	277.50	279.00	ASSAY	36.00		133.70	8.90	67.00	43.30	1.40	1.40	1.97
Texture					RDU_SM_613481	279.00	280.50	ASSAY	15.00		52.80	7.50	72.00	44.40	5.50	1.30	1.11
270.60	312.12	schistose			RDU_SM_613482	280.50	282.00	ASSAY	44.00		266.60	19.40	401.00	71.80	5.80	1.00	1.63
				RDU_SM_613483	282.00	282.56	ASSAY	35.00		134.20	17.20	193.00	65.50	3.60	1.50	2.61	
Mineral					RDU_SM_613484	282.56	284.00	ASSAY	34.00		88.40	19.90	202.00	76.10	6.90	1.60	1.84
270.60	271.00	0.1pyrite Medium-grained Subhedral			RDU_SM_613485	284.00	285.50	ASSAY	30.00		75.70	11.40	123.00	70.40	1.30	1.30	1.70
272.00	278.58	1pyrite Medium-grained Subhedral			RDU_SM_613486	285.50	287.00	ASSAY	14.00		515.70	21.30	75.00	27.80	1.00	0.60	0.42
		Comment: Blebby and in fractures			RDU_SM_613487	287.00	288.50	ASSAY	30.00		110.50	4.90	30.00	27.00	0.50	0.30	0.46
277.25	277.25	pyrite			RDU_SM_613488	288.50	290.17	ASSAY	35.00		243.80	5.30	27.00	22.60	0.30	0.40	0.36
				RDU_SM_613489	290.17	291.50	ASSAY	9.00		62.50	9.20	29.00	37.10	4.50	0.50	0.46	
277.33	277.33	Comment: Soupy PY vein			RDU_SM_613490	290.17	291.50	FieldDup	11.00		60.70	10.00	40.00	48.50	6.50	0.50	0.53
277.35	277.35	pyrite			RDU_SM_613491	291.50	293.00	ASSAY	9.00		48.80	9.10	41.00	36.00	3.00	0.40	0.47
		Comment: Soupy PY vein			RDU_SM_613492	293.00	294.50	ASSAY	13.00		523.40	9.00	58.00	33.60	0.60	0.50	0.64
282.56	296.82	0.5pyrite Subhedral			RDU_SM_613493	294.50	296.00	ASSAY	12.00		535.70	13.80	144.00	41.20	3.10	0.80	0.56
310.05	310.48	0.1arsenopyrite Subhedral			RDU_SM_613494	296.00	296.82	ASSAY	9.00		336.70	25.50	315.00	56.80	5.70	0.50	0.43
		Comment: Silica flooded zone			RDU_SM_613495	296.82	298.09	ASSAY	6.00		36.80	9.10	163.00	60.90	2.80	0.70	1.02
310.05	310.48	1pyrite Subhedral			RDU_SM_613496	298.09	299.50	ASSAY	8.00		41.10	9.40	126.00	45.40	1.50	0.60	0.81
		Comment: Silica flooded zone			RDU_SM_613497	299.50	300.97	ASSAY	8.00		28.70	3.90	95.00	45.20	0.90	0.80	0.44
Alteration					RDU_SM_613498	300.97	302.50	ASSAY	12.00		12.00	5.60	95.00	48.00	1.20	0.40	0.86
278.58	282.56	argillic			RDU_SM_613500	302.50	304.00	ASSAY	29.00		3,007.80	3.70	84.00	44.70	4.20	0.50	0.66
				RDU_SM_613501	304.00	305.50	ASSAY	869.00		1,819.90	5.30	115.00	44.40	0.90	0.60	1.33	
278.58	282.56	graphite			RDU_SM_613502	305.50	306.93	ASSAY	10.00		14.20	4.40	109.00	38.30	0.80	0.20	0.41
				RDU_SM_613503	306.93	308.50	ASSAY	8.00		10.40	6.20	122.00	43.40	1.00	0.10	0.48	
Structure				RDU_SM_613504	308.50	310.00	ASSAY	549.00		16.10	6.90	137.00	53.10	0.90	0.20	0.64	
270.60	296.82	band			RDU_SM_613505	310.00	311.12	ASSAY	474.00		749.30	10.30	81.00	50.20	11.50	0.60	0.91
280.50	280.72	gouge			RDU_SM_613506	311.12	312.12	ASSAY	15.00		7.80	4.40	105.00	46.30	1.00	0.10	0.48
284.07	284.42	gouge															
293.90	293.90	foliation 30 Deg to CA,															
296.92	296.92	foliation 20 Deg to CA,															
297.18	297.18	fracture 20 Deg to CA,															
297.80	297.80	foliation 20 Deg to CA,															

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From	To	Lithology	Samples Details
299.50	300.53	fracture Comment: Brittle fracture zone	
299.50	299.50	foliation 20 Deg to CA,	
301.50	301.50	foliation 40 Deg to CA,	
302.26	302.28	vein 40 Deg to CA,	
302.50	302.50	foliation 40 Deg to CA,	
302.68	302.70	vein 40 Deg to CA, Comment: QZ-PY VN	
302.89	302.96	vein 40 Deg to CA, Comment: QZ-PY VN	
305.40	305.40	foliation 25 Deg to CA,	
305.40	305.40	fracture 25 Deg to CA,	
307.00	307.00	foliation 30 Deg to CA,	
308.00	308.00	foliation 30 Deg to CA,	
308.50	308.50	foliation 40 Deg to CA,	
309.50	309.50	foliation 35 Deg to CA,	
311.00	311.00	foliation 30 Deg to CA,	
311.37	311.37	fracture 30 Deg to CA,	
311.80	311.80	foliation 35 Deg to CA,	

Mineral Zones

<u>From</u>	<u>To</u>	<u>Zone Length</u>	<u>Comments</u>
240.18	240.67	0.49	Massive PY in Qtz Vein found in graphite rich schist
141.60	141.92	0.32	ASP in brecciated QZ VN/QZT layer
246.34	247.00	0.66	QZ-PY veining with presence of cinnabar?
143.65	144.07	0.42	MO appearing in QZ VN

Mag Susc			
Depth	Mag_susc	Mag_Susc_Rock	Comments

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RQD							
From	To	RQD Length	Core Rec	Width Core x2 5	RQD PCT	TCR PCT	Comments
297.18	298.09	0.91	0.93	0.32	35.16	102.20	
294.13	294.74	0.61	0.48	0.00	0.00	78.69	Core Loss
291.69	292.91	1.22	1.21	0.00	0.00	99.18	
289.56	290.17	0.61	0.39	0.00	0.00	63.93	Core Loss
285.29	286.82	1.53	1.52	0.53	34.64	99.35	
282.24	284.07	1.83	1.59	0.10	5.46	86.89	Core Loss
279.81	280.72	0.91	0.93	0.00	0.00	102.20	
277.06	277.98	0.92	0.63	0.00	0.00	68.48	Core Loss
274.32	276.15	1.83	0.45	0.00	0.00	24.59	Core Loss ~1.37m
271.58	273.10	1.52	1.52	0.00	0.00	100.00	
268.53	270.00	1.47	1.21	0.00	0.00	82.31	Core Loss
265.79	267.00	1.21	0.71	0.00	0.00	58.68	Core Loss
261.82	264.57	2.75	2.63	0.17	6.18	95.64	
259.08	260.60	1.52	1.38	0.21	13.82	90.79	Core Loss
211.53	214.88	3.35	3.28	1.38	41.19	97.91	
292.91	293.22	0.31	0.30	0.00	0.00	96.77	
294.74	295.35	0.61	0.61	0.00	0.00	100.00	
76.20	79.25	3.05	2.96	0.00	0.00	97.05	
303.89	304.80	0.91	0.84	0.00	0.00	92.31	
256.95	258.17	1.22	1.14	0.00	0.00	93.44	
309.37	310.90	1.53	1.20	0.16	10.46	78.43	Core Loss
306.93	308.15	1.22	0.78	0.00	0.00	63.93	Core Loss
304.80	305.71	0.91	0.92	0.00	0.00	101.10	
301.75	302.97	1.22	1.20	0.00	0.00	98.36	
299.01	300.53	1.52	1.15	0.00	0.00	75.66	Core Loss
208.79	210.31	1.52	1.42	0.75	49.34	93.42	Core Loss
203.61	206.65	3.04	3.01	0.72	23.68	99.01	
198.42	201.17	2.75	2.67	1.79	65.09	97.09	
196.29	198.42	2.13	1.79	0.00	0.00	84.04	Core Loss
193.55	196.29	2.74	1.92	1.34	48.91	70.07	Core Loss ~.80m
191.12	193.55	2.43	2.39	1.07	44.03	98.35	
188.98	191.12	2.14	1.92	0.55	25.70	89.72	Core Loss ~.2m
186.84	188.98	2.14	1.76	0.41	19.16	82.24	Core Loss ~.37m
185.93	186.84	0.91	0.75	0.00	0.00	82.42	Core Loss
184.40	185.93	1.53	1.45	0.69	45.10	94.77	
181.36	184.40	3.04	3.00	2.09	68.75	98.68	
179.81	181.36	1.55	2.30	1.82	117.42	148.39	
277.98	278.59	0.61	0.61	0.00	0.00	100.00	

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3.96	4.57	0.61	0.62	0.00	0.00	101.64	
223.42	224.33	0.91	0.91	0.00	0.00	100.00	
310.90	312.12	1.22	1.26	0.00	0.00	103.28	EOH+
308.15	309.37	1.22	1.13	0.00	0.00	92.62	Core Loss
305.71	306.93	1.22	1.20	0.00	0.00	98.36	
260.60	261.82	1.22	0.66	0.00	0.00	54.10	Core Loss
258.17	259.08	0.91	0.74	0.00	0.00	81.32	Core Loss
255.42	256.95	1.53	1.42	0.23	15.03	92.81	
252.98	253.90	0.92	0.94	0.49	53.26	102.17	
248.41	250.55	2.14	2.15	1.12	52.34	100.47	
243.23	245.36	2.13	2.00	1.51	70.89	93.90	
239.27	241.40	2.13	2.13	0.85	39.91	100.00	
233.17	236.22	3.05	3.05	2.54	83.28	100.00	
228.60	230.73	2.13	1.98	0.73	34.27	92.96	Core Loss
224.33	226.16	1.83	1.40	0.16	8.74	76.50	Core Loss
219.15	220.98	1.83	1.85	1.01	55.19	101.09	
214.88	216.41	1.53	1.52	0.68	44.44	99.35	
210.31	211.53	1.22	1.17	0.76	62.30	95.90	
206.65	208.79	2.14	2.10	1.27	59.35	98.13	
201.17	203.61	2.44	2.42	0.99	40.57	99.18	
253.90	255.42	1.52	1.52	0.00	0.00	100.00	
250.55	252.98	2.43	2.21	0.35	14.40	90.95	Core Loss ~.22m
245.36	248.41	3.05	3.00	1.68	55.08	98.36	
241.40	243.23	1.83	1.87	0.64	34.97	102.19	
236.22	239.27	3.05	3.05	2.46	80.66	100.00	
230.73	233.17	2.44	2.45	1.68	68.85	100.41	
226.16	228.60	2.44	1.71	0.28	11.48	70.08	Core Loss ~.70m
220.98	223.42	2.44	2.38	0.59	24.18	97.54	
216.41	219.15	2.74	2.68	1.53	55.84	97.81	
302.97	303.89	0.92	0.86	0.00	0.00	93.48	
300.53	301.75	1.22	1.23	0.14	11.48	100.82	
298.09	299.01	0.92	0.93	0.20	21.74	101.09	
295.35	297.18	1.83	1.80	0.81	44.26	98.36	
293.22	294.13	0.91	0.55	0.00	0.00	60.44	Core Loss
290.17	291.69	1.52	1.43	0.00	0.00	94.08	
286.82	289.56	2.74	2.55	0.80	29.20	93.07	
284.07	285.29	1.22	1.14	0.00	0.00	93.44	
280.72	282.24	1.52	1.18	0.00	0.00	77.63	Core Loss
278.59	279.81	1.22	1.06	0.00	0.00	86.89	Core Loss
276.15	277.06	0.91	0.91	0.00	0.00	100.00	909' Marker was on wrong spot
273.10	274.32	1.22	0.85	0.00	0.00	69.67	Core Loss

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270.00	271.58	1.58	1.29	0.00	0.00	81.65	Core Loss
267.00	268.53	1.53	1.55	0.37	24.18	101.31	
264.57	265.79	1.22	0.71	0.00	0.00	58.20	Core Loss
176.79	179.81	3.02	2.14	0.78	25.83	70.86	
173.74	176.79	3.05	3.02	2.40	78.69	99.02	
170.69	173.74	3.05	3.01	2.38	78.03	98.69	
167.64	170.69	3.05	3.04	1.89	61.97	99.67	
164.59	167.64	3.05	3.05	2.54	83.28	100.00	
161.54	164.59	3.05	3.00	2.36	77.38	98.36	
159.72	161.54	1.82	1.70	1.54	84.62	93.41	
157.28	159.72	2.44	2.43	1.90	77.87	99.59	
155.74	157.28	1.54	1.41	0.46	29.87	91.56	Core Loss
153.92	155.74	1.82	1.70	0.84	46.15	93.41	Core Loss
152.10	153.92	1.82	1.81	1.13	62.09	99.45	
149.36	152.10	2.74	2.63	1.98	72.26	95.99	499' Marker was on wrong spot
146.31	149.36	3.05	3.03	2.90	95.08	99.34	
143.26	146.31	3.05	3.04	1.94	63.61	99.67	
140.21	143.26	3.05	3.02	1.44	47.21	99.02	
137.16	140.21	3.05	3.06	1.53	50.16	100.33	
135.03	137.16	2.13	1.98	0.82	38.50	92.96	Core Loss
133.50	135.03	1.53	1.52	0.00	0.00	99.35	
131.06	133.50	2.44	2.40	0.51	20.90	98.36	
128.63	131.06	2.43	2.43	1.36	55.97	100.00	
126.48	128.63	2.15	2.13	0.75	34.88	99.07	
123.44	126.48	3.04	3.05	0.55	18.09	100.33	
120.40	123.44	3.04	3.05	0.62	20.39	100.33	
117.36	120.40	3.04	3.06	0.15	4.93	100.66	
114.30	117.36	3.06	3.04	1.71	55.88	99.35	
111.24	114.30	3.06	3.00	0.88	28.76	98.04	
108.20	111.24	3.04	3.00	0.60	19.74	98.68	
105.16	108.20	3.04	3.07	1.35	44.41	100.99	
102.11	105.16	3.05	3.08	1.21	39.67	100.98	
99.06	102.11	3.05	3.04	1.94	63.61	99.67	
96.01	99.06	3.05	3.05	0.72	23.61	100.00	
92.96	96.01	3.05	2.98	0.86	28.20	97.70	
89.92	92.96	3.04	3.04	0.64	21.05	100.00	
86.87	89.92	3.05	3.05	0.91	29.84	100.00	
83.82	86.87	3.05	3.05	1.17	38.36	100.00	
81.38	83.82	2.44	2.19	0.72	29.51	89.75	Core Loss
79.25	81.38	2.13	2.10	0.00	0.00	98.59	
73.15	76.20	3.05	3.02	1.77	58.03	99.02	

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70.10	73.15	3.05	3.05	2.02	66.23	100.00	
67.97	70.10	2.13	2.02	0.56	26.29	94.84	Core Loss
65.53	67.97	2.44	2.18	0.14	5.74	89.34	Core Loss
62.48	65.53	3.05	3.05	1.28	41.97	100.00	
60.96	62.48	1.52	1.52	0.45	29.61	100.00	Switch to NTW
57.91	60.96	3.05	2.50	1.21	39.67	81.97	
56.39	57.91	1.52	1.50	0.94	61.84	98.68	
54.85	56.39	1.54	1.36	0.00	0.00	88.31	Core Loss
53.33	54.85	1.52	1.49	0.00	0.00	98.03	
51.81	53.33	1.52	1.52	1.08	71.05	100.00	
50.29	51.81	1.52	1.50	0.51	33.55	98.68	
48.77	50.29	1.52	1.54	0.49	32.24	101.32	
46.94	48.77	1.83	1.60	0.95	51.91	87.43	Core Loss
45.72	46.94	1.22	1.26	0.46	37.70	103.28	
44.20	45.72	1.52	1.43	0.64	42.11	94.08	
42.67	44.20	1.53	1.25	0.40	26.14	81.70	Core Loss
41.15	42.67	1.52	1.19	0.39	25.66	78.29	Core Loss
39.62	41.15	1.53	0.78	0.00	0.00	50.98	Core Loss ~.74m
36.58	39.62	3.04	2.00	0.71	23.36	65.79	Core Loss ~1.05m
35.06	36.58	1.52	1.06	0.30	19.74	69.74	Core Loss ~.46m
33.53	35.06	1.53	1.01	0.36	23.53	66.01	Core Loss ~.5m
32.00	33.53	1.53	1.34	0.00	0.00	87.58	Core Loss
30.48	32.00	1.52	1.50	0.77	50.66	98.68	
28.96	30.48	1.52	1.28	0.00	0.00	84.21	Core Loss ~.24m
27.43	28.96	1.53	1.49	0.93	60.78	97.39	
25.90	27.42	1.52	1.19	0.00	0.00	78.29	Core Loss ~.33m
24.38	25.90	1.52	1.50	0.00	0.00	98.68	
22.86	24.38	1.52	1.51	0.40	26.32	99.34	
21.34	22.86	1.52	1.49	0.24	15.79	98.03	
19.80	21.34	1.54	1.52	0.89	57.79	98.70	
18.28	19.80	1.52	1.49	0.47	30.92	98.03	
16.76	18.28	1.52	1.37	0.37	24.34	90.13	Core Loss
15.24	16.76	1.52	1.52	1.00	65.79	100.00	
13.72	15.24	1.52	1.51	0.76	50.00	99.34	
12.19	13.72	1.53	1.52	0.24	15.69	99.35	
10.67	12.19	1.52	1.51	1.01	66.45	99.34	
9.14	10.67	1.53	1.18	0.25	16.34	77.12	Core Loss ~ .34m
7.32	9.14	1.82	1.16	0.00	0.00	63.74	Core Loss ~.65m
6.10	7.32	1.22	1.09	0.56	45.90	89.34	Core Loss
4.57	6.10	1.53	1.50	0.38	24.84	98.04	

Down Hole Survey			
Depth	Azimuth	Dip	Survey_type
60.96	122.07	-55.20	RF
121.92	124.47	-55.10	RF
182.88	124.37	-56.30	RF
243.84	124.37	-57.30	RF
304.80	126.67	-57.80	RF



Detailed Log Report
Hole Number RDU_SM_DDH11-20

Project		Coordinates		Collar	
Project Name:	Sixty Mile	Primary Coordinates Grid:	UTM83-7	Collar Dip:	-60.00
Project Code:	YK_SM	North:	7,099,234.00	Collar Az:	116.00
Location:	Layfield Zone	East:	507,494.00	Length:	309.37
Start Date:	11-09-18 12:00:00AM	Elev:	1,071.00	Hole Size:	NTW
Completed Date:	11-09-21 12:00:00AM	Log by (1)	Jeff Burke	Depth Log (1)	
Contractor:		Log by (2)		Depth Log (2)	
Units:	METRIC			Hole Type:	DD
				Casing:	Pulled
				Company Name:	RDU

Comments:

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Detailed Lithology																
From	To	Lithology	Samples Details													
7.62	181.05	SCH, Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:	Mafic and quartz rich upper green schist/lower amphibolite facies. Well foliated, becoming more silicified and schistose down hole. Phyllic alteration also increasing downhole with PY-ASP-SPH-GAL mineralisation associated with Quartz veins and silicification.															
INTERVALS DETAILS:				RDU_SM_613507	7.62	9.00	ASSAY	3.00		2.70	3.80	82.00	67.40	0.20	0.05	0.18
Colour				RDU_SM_613508	9.00	11.49	ASSAY	2.00		1.50	3.50	70.00	64.90	0.30	0.10	0.09
7.62	52.99	Dominant: 5 GY 3/2		RDU_SM_613509	11.49	13.00	ASSAY	5.00		1.40	2.50	73.00	150.40	0.05	0.20	0.03
		Secondary: N 9		RDU_SM_613510	13.00	14.50	ASSAY	7.00		0.90	1.50	76.00	154.50	0.05	0.20	0.07
52.99	77.02	Comment: White QZT layers		RDU_SM_613511	14.50	16.00	ASSAY	5.00		1.40	1.20	75.00	132.20	0.05	0.20	0.06
		Dominant: N 2		RDU_SM_613512	16.00	17.50	ASSAY	1.00		1.10	1.20	68.00	135.40	0.05	0.20	0.03
		Secondary: 5 GY 3/2		RDU_SM_613513	17.50	18.98	ASSAY	1.00		0.80	1.10	54.00	116.60	0.10	0.20	0.03
77.02	90.60	Dominant: 5 GY 3/2		RDU_SM_613514	18.98	20.50	ASSAY	12.00		0.70	0.90	52.00	154.90	0.05	0.30	0.06
		Secondary: N 2		RDU_SM_613515	20.50	22.00	ASSAY	12.00		0.90	1.00	62.00	223.10	0.05	0.30	0.03
90.60	114.80	Comment: Pale green-white muscovite giving resinous lustre		RDU_SM_613516	22.00	23.54	ASSAY	9.00		1.90	1.30	73.00	142.40	0.10	0.30	0.03
		Dominant: N 2		RDU_SM_613518	23.54	25.01	ASSAY	16.00		5.80	2.30	77.00	133.40	0.05	0.40	0.03
		Secondary: N 9		RDU_SM_613519	25.01	26.00	ASSAY	10.00		1.80	2.20	70.00	187.00	0.10	0.20	0.03
114.80	143.45	Comment: White Qtz rich intervals		RDU_SM_613520	26.00	27.00	ASSAY	1.00		1.20	2.30	50.00	76.10	0.05	0.20	0.03
		Dominant: 5 GY 4/1		RDU_SM_613521	27.00	28.50	ASSAY	1.00		1.40	1.30	60.00	96.80	0.05	0.20	0.03
143.45	181.05	Secondary: N 9		RDU_SM_613522	28.50	29.99	ASSAY	1.00		1.00	0.70	62.00	63.20	0.30	0.20	0.03
		Dominant: 5 GY 3/2		RDU_SM_613523	29.99	31.50	ASSAY	3.00		0.70	0.90	61.00	171.00	0.05	0.30	0.07
		Secondary: 10 GY 7/2		RDU_SM_613524	31.50	33.00	ASSAY	1.00		1.00	1.60	55.00	118.40	0.05	0.30	0.03
		Comment: Resinous fractures of white silverish mica (MUS?) and sericite.		RDU_SM_613525	33.00	34.50	ASSAY	4.00		1.00	1.80	60.00	141.00	0.05	0.30	0.06
Texture				RDU_SM_613526	34.50	36.50	ASSAY	1.00		1.40	2.50	81.00	114.90	0.20	0.20	0.03
52.99	77.02	augen		RDU_SM_613528	36.50	38.00	ASSAY	1.00		1.10	1.60	68.00	146.60	0.05	0.40	0.06
		Comment: Euhedral-subhedral mm-2cm Amphibole augens		RDU_SM_613529	38.00	39.47	ASSAY	11.00		1.40	1.30	80.00	157.90	0.05	0.10	0.03
68.00	70.00	schistose		RDU_SM_613530	39.47	40.40	ASSAY	5.00		1.30	1.20	76.00	185.10	0.05	0.20	0.03
				RDU_SM_613531	40.40	41.15	ASSAY	7.00		1.30	1.80	81.00	215.90	0.05	0.30	0.06

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From	To	Lithology	Samples Details											
83.76	84.40	augen	RDU_SM_613532	41.15	42.50	ASSAY	3.00	0.25	0.80	58.00	149.10	0.05	0.20	0.03
		Comment: (mm) Amph. augen through-out	RDU_SM_613533	42.50	44.00	ASSAY	3.00	0.70	0.90	72.00	151.50	0.05	0.30	0.03
90.60	114.80	schistose	RDU_SM_613534	44.00	45.50	ASSAY	4.00	1.60	1.10	63.00	174.00	0.05	0.30	0.06
			RDU_SM_613535	45.50	47.05	ASSAY	4.00	0.50	2.10	77.00	166.60	0.05	0.30	0.03
114.80	143.45	schistose	RDU_SM_613536	47.05	48.50	ASSAY	1.00	0.25	2.90	78.00	118.40	0.05	0.20	0.03
			RDU_SM_613537	48.50	49.66	ASSAY	1.00	0.25	3.20	106.00	53.80	0.10	0.05	0.03
Mineral			RDU_SM_613538	48.50	49.66	FieldDup	1.00	0.25	3.10	100.00	53.60	0.10	0.05	0.06
16.88	18.83	10 GY 5/2 actinolite Medium-grained Euhedral	RDU_SM_613539	49.66	51.12	ASSAY	1.00	0.25	7.30	78.00	70.70	0.10	0.05	0.06
		Comment: Folioation orientated	RDU_SM_613540	51.12	52.50	ASSAY	1.00	2.00	21.50	71.00	55.10	0.10	0.05	0.05
52.99	77.02	1pyrite Medium-grained Subhedral	RDU_SM_613541	52.50	52.99	ASSAY	1.00	6.70	28.60	49.00	24.30	1.50	0.30	0.23
		Comment: PY in Qtz veins, disseminated locally	RDU_SM_613542	52.99	54.85	ASSAY	1.00	11.90	11.00	69.00	52.00	2.50	0.50	0.31
58.13	58.70	5 G 6/6 fuchsite Fine-grained	RDU_SM_613543	54.85	56.50	ASSAY	1.00	7.20	11.10	80.00	44.40	1.80	0.40	0.16
			RDU_SM_613544	56.50	58.00	ASSAY	1.00	4.00	10.00	79.00	48.40	1.30	0.30	0.16
63.28	65.25	5 YR 2/1 amphibole Coarse-grained Euhedral	RDU_SM_613545	58.00	59.50	ASSAY	1.00	9.30	11.70	84.00	46.00	1.60	0.30	0.25
		Comment: Patches of Amph. augen	RDU_SM_613546	59.50	61.00	ASSAY	1.00	3.70	11.60	67.00	54.90	2.00	0.05	0.46
67.95	68.05	5 G 6/6 fuchsite Fine-grained	RDU_SM_613548	61.00	62.50	ASSAY	3.00	5.10	12.30	92.00	55.40	1.10	0.10	0.34
			RDU_SM_613549	62.50	64.01	ASSAY	1.00	3.40	19.10	117.00	28.10	0.60	0.05	0.12
90.60	114.80	0.1pyrite Medium-grained Subhedral	RDU_SM_613550	64.01	65.30	ASSAY	1.00	5.60	12.50	68.00	40.10	0.30	0.05	0.21
		Comment: Minor folioformed PY, disseminated up tp 1% adjacent to veining	RDU_SM_613651	65.30	66.03	ASSAY	1.00	33.80	10.70	60.00	19.80	0.70	0.20	0.13
97.44	97.54	arsenopyrite Medium-grained Subhedral	RDU_SM_613652	66.03	67.50	ASSAY	1.00	57.30	18.30	78.00	41.30	1.00	0.40	0.23
		Comment: In QZ VN	RDU_SM_613653	67.50	68.99	ASSAY	1.00	22.70	9.20	103.00	33.30	1.00	0.40	0.13
114.80	143.45	N 8 muscovite	RDU_SM_613654	68.99	70.50	ASSAY	1.00	22.60	5.30	86.00	49.50	2.50	0.30	0.07
		Comment: exposed on surfaces often associated with spec. hematite	RDU_SM_613655	70.50	72.00	ASSAY	1.00	41.40	15.70	138.00	37.60	0.90	0.20	0.17
134.35	143.45	0.35 R 3/4 hematite Fine-grained	RDU_SM_613656	72.00	73.50	ASSAY	1.00	54.50	17.00	73.00	38.70	0.40	0.10	0.15
		Comment: occuring with PY in QZ-CB VNs and along fractures	RDU_SM_613658	73.50	75.00	ASSAY	1.00	104.90	16.20	87.00	49.60	0.90	0.20	0.15
134.40	134.44	epidote Medium-grained Subhedral	RDU_SM_613659	75.00	76.50	ASSAY	1.00	25.50	21.50	105.00	38.70	0.50	0.20	0.11
		Comment: occuring with PY	RDU_SM_613660	76.50	77.02	ASSAY	13.00	474.10	18.50	140.00	39.40	1.10	0.50	0.30
138.77	138.87	arsenopyrite Medium-grained Subhedral	RDU_SM_613661	77.02	78.50	ASSAY	1.00	8.30	59.20	134.00	31.50	1.10	0.30	0.15
		Comment: Spec. Hem occuring with ASP	RDU_SM_613662	78.50	80.00	ASSAY	1.00	9.80	19.90	73.00	25.20	0.30	0.10	0.06
141.24	141.34	magnetite Medium-grained	RDU_SM_613663	80.00	81.50	ASSAY	1.00	14.00	15.90	63.00	33.40	0.30	0.20	0.08
			RDU_SM_613664	81.50	83.00	ASSAY	23.00	1,107.10	12.80	78.00	36.10	0.40	0.30	0.23
143.45	154.48	0.3pyrite Medium-grained Subhedral	RDU_SM_613665	83.00	84.50	ASSAY	1.00	58.70	22.60	64.00	26.20	0.30	0.40	0.11
		Comment: Minor PY in QZT layers, folioformed veins and CB fractures perpendicular to foliation	RDU_SM_613666	84.50	86.07	ASSAY	11.00	935.50	13.50	54.00	25.40	0.40	2.90	0.07
153.50	153.66	1pyrite Medium-grained Subhedral	RDU_SM_613667	86.07	87.52	ASSAY	61.00	2,628.80	11.50	67.00	38.80	0.30	0.70	0.24
		Comment: Associated with qtz	RDU_SM_613668	86.07	87.52	FieldDup	45.00	1,975.40	12.10	66.00	37.00	0.30	0.50	0.21
175.88	177.85	5 G 6/6 fuchsite Fine-grained	RDU_SM_613669	87.52	89.00	ASSAY	144.00	730.10	14.20	39.00	25.00	0.20	0.60	0.26
		Comment: Associated around fractures, foliation orientated (44 dtca)	RDU_SM_613670	89.00	90.60	ASSAY	1.00	35.40	11.40	57.00	22.00	0.30	0.20	0.08
179.05	181.05	2.5pyrite Medium-grained Subhedral	RDU_SM_613671	90.60	91.92	ASSAY	1.00	65.00	8.20	52.00	46.10	1.10	0.50	0.16
		Comment: Blackened Pyrite	RDU_SM_613672	91.92	93.50	ASSAY	39.00	2,378.70	14.90	75.00	34.90	0.90	1.20	0.16
Alteration			RDU_SM_613673	93.50	95.00	ASSAY	11.00	1,000.10	17.80	69.00	49.00	1.30	1.80	0.30
7.62	52.99	20-40% silica Pervasive Level: 1	RDU_SM_613674	95.00	96.50	ASSAY	4.00	311.90	21.50	82.00	44.00	2.50	1.50	0.10
			RDU_SM_613675	96.50	98.00	ASSAY	36.00	1,721.60	15.70	118.00	68.70	2.40	3.00	0.23
7.62	52.99	0-20% calcite Fracture-related Level: 3												
7.62	11.49	20-40% oxide Pervasive 5 YR 5/6 Level: 1												

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From	To	Lithology	Samples Details											
7.62	52.99	0-20% oxide Fracture-related 10 YR 6/6 Level: 2	RDU_SM_613676	98.00	99.20	ASSAY	1.00	70.80	5.80	42.00	53.20	1.80	1.00	0.14
			RDU_SM_613678	99.20	100.30	ASSAY	1.00	142.70	5.20	81.00	57.30	1.90	1.30	0.20
49.66	52.99	20-40% oxide Fracture-related 10 YR 6/6 Level: 2	RDU_SM_613679	100.30	101.29	ASSAY	1.00	245.10	10.60	171.00	53.10	2.00	0.60	0.16
			RDU_SM_613680	101.29	102.47	ASSAY	3.00	49.70	45.80	174.00	78.40	2.80	1.00	0.62
52.99	77.02	20-40% oxide Fracture-related 10 YR 6/6 Level: 2	RDU_SM_613681	102.47	103.97	ASSAY	1.00	28.30	13.60	95.00	47.50	1.30	0.90	0.23
			RDU_SM_613682	103.97	105.47	ASSAY	1.00	23.00	17.00	47.00	30.60	0.90	0.50	0.36
52.99	77.02	40-60% silica Pervasive Level: 1	RDU_SM_613683	105.47	107.05	ASSAY	7.00	54.20	38.20	60.00	32.70	0.60	0.50	0.21
			RDU_SM_613684	107.05	108.51	ASSAY	1.00	45.20	9.10	36.00	26.00	1.00	0.50	0.23
77.02	90.60	40-60% silica Pervasive Level: 1	RDU_SM_613685	108.51	110.06	ASSAY	17.00	1,254.10	16.90	63.00	56.90	1.50	0.90	0.53
			RDU_SM_613686	110.06	111.55	ASSAY	27.00	690.80	13.40	73.00	46.40	3.10	0.90	0.80
87.25	90.60	0-20% sericite Overprint 10 Y 8/2 Level: 3	RDU_SM_613688	111.55	113.08	ASSAY	3.00	220.70	10.40	79.00	46.90	0.90	0.50	0.43
			RDU_SM_613689	113.08	114.80	ASSAY	33.00	379.90	47.80	119.00	41.20	1.80	1.10	0.26
87.52	90.60	40-60% oxide Fracture-related 10 YR 6/6 Level: 2	RDU_SM_613690	114.80	116.05	ASSAY	2.00	66.10	16.40	41.00	10.90	0.40	0.20	0.03
			RDU_SM_613691	116.05	117.11	ASSAY	1.00	88.80	5.40	33.00	7.90	0.50	0.20	0.03
90.60	114.80	60-80% silica Pervasive Level: 1	RDU_SM_613692	117.11	118.22	ASSAY	8.00	35.80	6.30	36.00	2.90	0.40	0.30	0.03
			RDU_SM_613693	118.22	119.50	ASSAY	186.00	875.60	77.10	99.00	73.20	0.20	0.60	0.27
100.30	101.29	60-80% oxide Pervasive 10 YR 6/6 Level: 1	RDU_SM_613694	119.50	121.05	ASSAY	49.00	196.80	13.50	72.00	115.40	0.70	0.50	0.26
			RDU_SM_613695	121.05	122.50	ASSAY	21.00	59.60	75.70	33.00	31.60	0.20	0.40	0.09
114.80	143.45	60-80% silica Level: 1	RDU_SM_613696	122.50	123.97	ASSAY	8.00	44.00	54.00	98.00	133.90	0.50	0.40	0.29
			RDU_SM_613697	123.97	125.50	ASSAY	1.00	29.40	25.40	96.00	67.00	0.05	0.40	0.20
114.80	125.50	20-40% calcite 10 YR 8/2 Level: 2	RDU_SM_613698	123.97	125.50	FieldDup	1.00	32.20	26.20	95.00	88.80	0.05	0.30	0.18
			RDU_SM_613699	125.50	127.09	ASSAY	3.00	4.80	4.40	74.00	130.90	0.50	0.90	0.29
114.80	125.50	0-20% argillic 10 YR 8/2 Level: 2	RDU_SM_613700	127.09	128.50	ASSAY	1.00	1.50	1.60	59.00	91.10	0.70	0.20	0.08
			RDU_SM_613701	128.50	130.00	ASSAY	5.00	1.20	0.70	59.00	121.20	0.05	0.30	0.03
125.50	143.45	0-20% calcite Fracture-related Level: 3	RDU_SM_613702	130.00	131.44	ASSAY	7.00	1.40	1.00	44.00	84.80	0.05	0.50	0.03
			RDU_SM_613703	131.44	133.00	ASSAY	1.00	0.80	1.40	65.00	93.60	0.05	0.20	0.05
143.45	154.48	40-60% sericite Overprint 10 GY 7/2 Level: 2	RDU_SM_613704	133.00	134.35	ASSAY	3.00	1.30	0.80	64.00	140.80	0.05	0.40	0.03
			RDU_SM_613705	134.35	136.00	ASSAY	16.00	1.00	1.10	63.00	187.70	0.05	0.40	0.06
143.45	179.05	20-40% silica Pervasive Level: 1	RDU_SM_613706	136.00	137.55	ASSAY	1.00	1.80	4.30	69.00	135.80	0.40	0.40	0.03
			RDU_SM_613708	137.55	139.06	ASSAY	4.00	1.10	1.60	74.00	140.50	0.30	0.40	0.03
179.05	181.05	40-60% silica Pervasive Level: 1	RDU_SM_613709	139.06	140.50	ASSAY	8.00	1.60	2.50	71.00	164.70	0.60	0.20	0.12
			RDU_SM_613710	140.50	142.02	ASSAY	1.00	1.30	2.00	83.00	104.60	0.20	0.20	0.03
179.05	181.05	40-60% sericite Overprint 10 GY 7/2 Level: 2	RDU_SM_613711	142.02	143.45	ASSAY	8.00	1.10	3.50	83.00	135.20	0.05	0.20	0.15
			RDU_SM_613712	143.45	145.00	ASSAY	1.00	1.60	12.70	31.00	6.40	0.30	0.30	0.03
179.05	181.05	20-40% calcite Fracture-related N 9 Level: 2	RDU_SM_613713	145.00	146.50	ASSAY	1.00	1.10	10.40	24.00	3.00	0.20	0.20	0.03
			RDU_SM_613714	146.50	148.02	ASSAY	1.00	1.20	6.00	23.00	2.50	0.05	0.05	0.03
10.46	10.46	foliation 50 Deg to CA,	RDU_SM_613715	148.02	149.50	ASSAY	1.00	3.90	8.80	23.00	4.30	0.40	0.10	0.16
			RDU_SM_613716	149.50	151.03	ASSAY	1.00	1.70	17.50	37.00	4.70	0.20	0.10	0.06
10.46	10.46	fracture 50 Deg to CA,	RDU_SM_613718	151.03	152.55	ASSAY	1.00	3.70	33.50	46.00	8.20	0.50	0.30	0.14
			RDU_SM_613719	152.55	153.50	ASSAY	1.00	1.70	20.80	48.00	5.40	0.50	0.10	0.20
14.99	14.99	fracture Comment: Calcite in-fill	RDU_SM_613720	153.50	154.48	ASSAY	1.00	2.30	20.90	44.00	6.30	0.20	0.20	0.09
			RDU_SM_613721	154.48	156.00	ASSAY	3.00	0.80	4.30	81.00	100.90	0.05	0.05	0.03
15.39	15.41	vein Comment: Milky Qtz vein												

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From	To	Lithology	Samples Details											
15.45	15.45	foliation	RDU_SM_613722	156.00	157.56	ASSAY	1.00	0.70	2.50	56.00	115.50	0.10	0.10	0.03
			RDU_SM_613723	157.56	159.00	ASSAY	2.00	0.80	3.60	63.00	106.40	0.05	0.10	0.03
16.44	16.44	fracture	RDU_SM_613724	159.00	160.55	ASSAY	4.00	0.90	1.00	64.00	148.40	0.50	0.05	0.03
			RDU_SM_613725	160.55	162.00	ASSAY	4.00	0.80	1.20	71.00	185.20	0.40	0.10	0.06
16.44	16.44	foliation	RDU_SM_613726	162.00	163.50	ASSAY	1.00	0.25	1.30	74.00	130.90	0.10	0.05	0.03
			RDU_SM_613727	163.50	165.00	ASSAY	1.00	1.30	1.90	61.00	51.00	0.05	0.05	0.07
17.07	17.07	foliation	RDU_SM_613728	163.50	165.00	FieldDup	1.00	0.90	2.00	64.00	81.40	0.10	0.05	0.07
			RDU_SM_613729	165.00	166.50	ASSAY	1.00	0.60	2.20	51.00	60.40	2.70	0.05	0.03
17.16	17.16	vein	RDU_SM_613730	166.50	167.15	ASSAY	1.00	2.10	7.00	57.00	44.20	0.05	0.10	0.11
		Comment: Calcite veinlet	RDU_SM_613731	167.15	168.52	ASSAY	5.00	19.60	5.00	58.00	124.30	0.20	0.40	0.38
20.07	20.07	foliation	RDU_SM_613732	168.52	170.03	ASSAY	3.00	7.60	14.50	27.00	15.80	0.05	0.20	0.23
		fracture	RDU_SM_613733	170.03	171.52	ASSAY	4.00	12.70	12.20	24.00	7.50	1.90	0.20	0.36
21.62	21.62	boudinage/boudins	RDU_SM_613734	171.52	173.00	ASSAY	1.00	4.20	15.00	17.00	8.40	0.30	0.10	0.16
		Comment: Qtz Boudin veins	RDU_SM_613735	173.00	174.50	ASSAY	1.00	6.30	13.70	20.00	6.30	0.20	0.20	0.22
24.75	24.75	foliation	RDU_SM_613736	174.50	176.00	ASSAY	1.00	5.20	21.60	43.00	6.60	0.40	0.10	0.17
			RDU_SM_613738	176.00	177.50	ASSAY	2.00	4.40	12.60	100.00	35.60	0.40	0.20	0.24
24.81	24.86	vein	RDU_SM_613739	177.50	179.05	ASSAY	1.00	13.10	12.00	79.00	43.00	1.20	0.20	0.27
		Comment: Qtz vein/layer	RDU_SM_613740	179.05	180.00	ASSAY	41.00	302.20	30.50	87.00	27.10	0.20	0.90	1.47
26.19	26.40	vein	RDU_SM_613741	180.00	181.05	ASSAY	27.00	271.30	36.40	102.00	35.20	0.60	0.70	1.08
		Comment: QZ VN												
26.73	26.73	foliation												
28.58	28.58	fracture												
28.58	28.58	foliation												
30.61	30.62	vein												
		Comment: Milky QZ-CB VN												
36.75	36.77	vein 57 Deg to CA,												
		Comment: Qtz vein/layer												
37.90	37.93	vein 50 Deg to CA,												
		Comment: QZ VN												
39.30	39.39	vein												
		Comment: QZ VN												
39.82	40.05	vein												
		Comment: Milky QZ VN												
40.40	41.13	vein												
		Comment: Brecciated QZ VN with host CHL material fragments												
41.01	41.04	vein												
		Comment: QZ-PY-SX VN												
42.27	42.27	vein												
		Comment: QZ VN												
43.97	43.98	vein												
		Comment: Milky QZ VN												
45.50	45.50	foliation												

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From	To	Lithology	Samples Details
49.66	49.78	vein Comment: QZ-PY VN	
49.97	51.12	vein Comment: Irregular, low angled QZ-PY VN	
52.83	52.88	vein Comment: QZ VN	
52.97	52.97	fracture	
52.97	52.97	foliation	
52.99	54.85	Comment: Brittle zone, rock fragmented	
55.50	55.50	foliation 40 Deg to CA,	
56.00	56.25	foliation 40 Deg to CA, Comment: QZT layers and foliation	
57.70	57.70	foliation	
58.20	58.30	vein Comment: QZ-CB-PY VN	
58.90	58.90	foliation	
58.90	58.90	fracture	
60.00	60.00	foliation	
61.90	61.90	foliation	
65.52	65.75	vein	
67.70	67.70	foliation 37 Deg to CA,	
67.70	67.70	fracture 37 Deg to CA,	
69.42	69.48	gouge	
69.68	69.81	Comment: small fold	
70.50	70.50	foliation 37 Deg to CA,	
72.18	72.33	vein 55 Deg to CA, Comment: QZ VN	
72.26	72.29	vein 50 Deg to CA, Comment: QZ VN	
72.26	82.38		
72.34	72.38	boudinage/boudins Comment: Boudin Qtz vein	
72.60	72.93	vein 55 Deg to CA, Comment: QZ VN	
72.77	72.80	boudinage/boudins 47 Deg to CA, Comment: Boudin Qtz vein	

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From	To	Lithology	Samples Details
74.80	74.80	fracture 53 Deg to CA,	
74.80	74.80	foliation 53 Deg to CA,	
75.30	75.30	foliation 53 Deg to CA,	
77.84	77.84	foliation	
78.61	78.61	fracture	
79.40	79.40	foliation	
81.00	81.00	fracture	
81.50	81.50	foliation	
82.30	82.34	vein Comment: QZ-PY-VN	
83.17	83.17	fracture Comment: LIM stained fracture	
83.60	83.60	foliation	
84.88	84.90	vein Comment: QZ-CB VN	
85.50	85.50	foliation	
85.50	85.50	fracture	
85.87	85.94	vein Comment: QZ VN	
85.99	86.05	vein Comment: QZ-CB VN	
87.52	90.60	Comment: Fractured rock	
88.02	88.07	vein Comment: CB-QZ VN	
88.17	88.17	foliation	
88.17	88.17	fracture	
91.24	91.24	fracture 33 Deg to CA,	
91.50	91.50	foliation 33 Deg to CA,	
91.92	92.30	gouge	
91.92	92.30	fault 40 Deg to CA,	
93.31	93.39	vein Comment: QZ-CB VN	

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From	To	Lithology	Samples Details
93.62	93.66	vein Comment: QZ-CB VN	
94.30	94.30	foliation	
94.30	94.30	fracture	
97.12	97.20	vein Comment: QZ-PY VN	
97.44	97.54	vein Comment: QZ-PY-ASP VN	
98.30	98.30	foliation	
102.40	102.44	vein 57 Deg to CA, Comment: QZ-CB VN	
103.00	103.30	vein 55 Deg to CA, Comment: QZ-CB VN	
103.36	103.36	fracture 59 Deg to CA,	
104.50	104.50	foliation 33 Deg to CA,	
106.22	106.26	vein 45 Deg to CA, Comment: QZ-PY VN	
108.24	108.44	vein 25 Deg to CA, Comment: QZ VN	
110.06	110.77	fault 42 Deg to CA,	
110.06	110.16	gouge	
111.00	111.00	fracture 41 Deg to CA, Comment: Graphite in-fill	
111.36	111.55	vein Comment: Fractures QZ VN	
112.34	112.34	foliation 41 Deg to CA,	
112.73	112.73	fracture 45 Deg to CA, Comment: following foliation	
114.30	114.80	Comment: rubble	
116.45	116.55	breccia Comment: Qtz fragments in a clay-carbonate matrix	
117.11	118.22	vein 15 Deg to CA, Comment: Irregular QZ-CB VN	
118.87	118.87	fracture	
120.25	120.25	foliation 50 Deg to CA,	
120.28	120.74	vein 60 Deg to CA, Comment: QZ-CB VN's	
120.90	120.90	fracture 50 Deg to CA,	

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From	To	Lithology	Samples Details
121.05	122.30	vein 55 Deg to CA, Comment: Fragmetned QZ VN	
122.73	123.09	vein 55 Deg to CA, Comment: QZ-PY-F'spar-Scheelite? VN	
124.60	124.60	fracture 56 Deg to CA,	
125.50	125.50	foliation 48 Deg to CA,	
127.90	127.90	foliation	
129.94	129.94	foliation	
131.10	131.10	foliation Comment: change in FO orientation	
133.00	133.00	foliation	
133.14	133.14	fracture Comment: Gypsum in-fill	
133.14	133.14	fracture Comment: Mus exposed along FO parting	
134.40	134.40	foliation	
136.30	136.30	foliation	
138.07	138.28	vein Comment: QZ-CB-PY-MG VN	
139.75	139.91	vein Comment: QZ-CB VN	
140.87	141.06	vein Comment: skimmed QZ-MG VN	
141.12	141.12	fracture	
142.27	142.65	vein Comment: Irregular QZ-CB VN	
144.80	144.80	foliation	
146.91	147.10	vein 46 Deg to CA, Comment: Irregular QZ VN	
149.08	149.20	vein 70 Deg to CA, Comment: QZ VN	
149.50	150.57	vein 35 Deg to CA, Comment: Series of QZ VNs	
150.08	150.25	vein 24 Deg to CA, Comment: Hard Fe-carbonate VN	
153.29	153.29	foliation	
153.29	153.29	fracture	

From	To	Lithology	Samples Details
153.89	153.93	vein Comment: QZ VN roughly along foliation	
153.89	153.93	vein Comment: folioformed QZ VN	
154.48	167.15	vein Comment: Series of calcite veins	
157.18	157.24	vein Comment: QZ VN	
160.14	160.14	foliation	
164.44	164.44	fracture	
166.33	166.60	vein Comment: Series of QZ-PY-HEM Vns	
168.88	168.88	foliation	
169.00	173.74	vein Comment: Folioformed QZ-CB VNs with trace PY	
173.00	173.00	foliation	
177.00	177.00	foliation 44 Deg to CA,	
179.05	181.05	vein 44 Deg to CA, Comment: QZ-CB Veins and structures occuring along foliation	

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From		To	Lithology	Samples Details													
7.62	52.99	CBQS, Chlorite Biotite Quartz Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Well foliated green schist with QZT rich layers (mm- a few cm). Foliation and QZ-PY veins consistent through-out with Calcite/carbonate fractures. Foliated layers of orientated bladed Actinolite/Amphibole. QZ-PY later stage veins overlapping folioformed QZT layers and Qtz veining.															
INTERVALS DETAILS:					RDU_SM_613507	7.62	9.00	ASSAY	3.00		2.70	3.80	82.00	67.40	0.20	0.05	0.18
Colour					RDU_SM_613508	9.00	11.49	ASSAY	2.00		1.50	3.50	70.00	64.90	0.30	0.10	0.09
7.62	52.99	Dominant: 5 GY 3/2			RDU_SM_613509	11.49	13.00	ASSAY	5.00		1.40	2.50	73.00	150.40	0.05	0.20	0.03
		Secondary: N 9			RDU_SM_613510	13.00	14.50	ASSAY	7.00		0.90	1.50	76.00	154.50	0.05	0.20	0.07
		Comment: White QZT layers			RDU_SM_613511	14.50	16.00	ASSAY	5.00		1.40	1.20	75.00	132.20	0.05	0.20	0.06
Mineral					RDU_SM_613512	16.00	17.50	ASSAY	1.00		1.10	1.20	68.00	135.40	0.05	0.20	0.03
16.88	18.83	10 GY 5/2 actinolite Medium-grained Euhedral			RDU_SM_613513	17.50	18.98	ASSAY	1.00		0.80	1.10	54.00	116.60	0.10	0.20	0.03
		Comment: Folioation orientated			RDU_SM_613514	18.98	20.50	ASSAY	12.00		0.70	0.90	52.00	154.90	0.05	0.30	0.06
Alteration					RDU_SM_613515	20.50	22.00	ASSAY	12.00		0.90	1.00	62.00	223.10	0.05	0.30	0.03
7.62	52.99	20-40% silica Pervasive Level: 1			RDU_SM_613516	22.00	23.54	ASSAY	9.00		1.90	1.30	73.00	142.40	0.10	0.30	0.03
7.62	52.99	0-20% calcite Fracture-related Level: 3			RDU_SM_613518	23.54	25.01	ASSAY	16.00		5.80	2.30	77.00	133.40	0.05	0.40	0.03
					RDU_SM_613519	25.01	26.00	ASSAY	10.00		1.80	2.20	70.00	187.00	0.10	0.20	0.03
7.62	11.49	20-40% oxide Pervasive 5 YR 5/6 Level: 1			RDU_SM_613520	26.00	27.00	ASSAY	1.00		1.20	2.30	50.00	76.10	0.05	0.20	0.03
					RDU_SM_613521	27.00	28.50	ASSAY	1.00		1.40	1.30	60.00	96.80	0.05	0.20	0.03
7.62	52.99	0-20% oxide Fracture-related 10 YR 6/6 Level: 2			RDU_SM_613522	28.50	29.99	ASSAY	1.00		1.00	0.70	62.00	63.20	0.30	0.20	0.03
					RDU_SM_613523	29.99	31.50	ASSAY	3.00		0.70	0.90	61.00	171.00	0.05	0.30	0.07
49.66	52.99	20-40% oxide Fracture-related 10 YR 6/6 Level: 2			RDU_SM_613524	31.50	33.00	ASSAY	1.00		1.00	1.60	55.00	118.40	0.05	0.30	0.03
					RDU_SM_613525	33.00	34.50	ASSAY	4.00		1.00	1.80	60.00	141.00	0.05	0.30	0.06
Structure					RDU_SM_613526	34.50	36.50	ASSAY	1.00		1.40	2.50	81.00	114.90	0.20	0.20	0.03
10.46	10.46	foliation 50 Deg to CA,			RDU_SM_613528	36.50	38.00	ASSAY	1.00		1.10	1.60	68.00	146.60	0.05	0.40	0.06
10.46	10.46	fracture 50 Deg to CA,			RDU_SM_613529	38.00	39.47	ASSAY	11.00		1.40	1.30	80.00	157.90	0.05	0.10	0.03
					RDU_SM_613530	39.47	40.40	ASSAY	5.00		1.30	1.20	76.00	185.10	0.05	0.20	0.03
14.99	14.99	fracture			RDU_SM_613531	40.40	41.15	ASSAY	7.00		1.30	1.80	81.00	215.90	0.05	0.30	0.06
		Comment: Calcite in-fill			RDU_SM_613532	41.15	42.50	ASSAY	3.00		0.25	0.80	58.00	149.10	0.05	0.20	0.03
15.39	15.41	vein			RDU_SM_613533	42.50	44.00	ASSAY	3.00		0.70	0.90	72.00	151.50	0.05	0.30	0.03
15.45	15.45	Comment: Milky Qtz vein			RDU_SM_613534	44.00	45.50	ASSAY	4.00		1.60	1.10	63.00	174.00	0.05	0.30	0.06
		foliation			RDU_SM_613535	45.50	47.05	ASSAY	4.00		0.50	2.10	77.00	166.60	0.05	0.30	0.03
16.44	16.44	fracture			RDU_SM_613536	47.05	48.50	ASSAY	1.00		0.25	2.90	78.00	118.40	0.05	0.20	0.03
					RDU_SM_613537	48.50	49.66	ASSAY	1.00		0.25	3.20	106.00	53.80	0.10	0.05	0.03
16.44	16.44	foliation			RDU_SM_613538	48.50	49.66	FieldDup	1.00		0.25	3.10	100.00	53.60	0.10	0.05	0.06
17.07	17.07	foliation			RDU_SM_613539	49.66	51.12	ASSAY	1.00		0.25	7.30	78.00	70.70	0.10	0.05	0.06
					RDU_SM_613540	51.12	52.50	ASSAY	1.00		2.00	21.50	71.00	55.10	0.10	0.05	0.05
17.16	17.16	vein			RDU_SM_613541	52.50	52.99	ASSAY	1.00		6.70	28.60	49.00	24.30	1.50	0.30	0.23
20.07	20.07	Comment: Calcite veinlet															
		foliation															
20.07	20.07	fracture															
21.62	21.62	boudinage/boudins															
		Comment: Qtz Boudin veins															

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From	To	Lithology	Samples Details
24.75	24.75	foliation	
24.81	24.86	vein Comment: Qtz vein/layer	
26.19	26.40	vein Comment: QZ VN	
26.73	26.73	foliation	
28.58	28.58	fracture	
28.58	28.58	foliation	
30.61	30.62	vein Comment: Milky QZ-CB VN	
36.75	36.77	vein 57 Deg to CA, Comment: Qtz vein/layer	
37.90	37.93	vein 50 Deg to CA, Comment: QZ VN	
39.30	39.39	vein Comment: QZ VN	
39.82	40.05	vein Comment: Milky QZ VN	
40.40	41.13	vein Comment: Brecciated QZ VN with host CHL material fragments	
41.01	41.04	vein Comment: QZ-PY-SX VN	
42.27	42.27	vein Comment: QZ VN	
43.97	43.98	vein Comment: Milky QZ VN	
45.50	45.50	foliation	
49.66	49.78	vein Comment: QZ-PY VN	
49.97	51.12	vein Comment: Irregular, low angled QZ-PY VN	
52.83	52.88	vein Comment: QZ VN	
52.97	52.97	fracture	
52.97	52.97	foliation	

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From		To	Lithology	Samples Details													
52.99	77.02	BCQS, Biotite Chlorite Quartz Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Biotite rich sub-unit of schist, with slight increase in LIM staining and appearance of Fuchsite bands. Amphibole augens orientated along foliations (mm-cm scale).														
INTERVALS DETAILS:					RDU_SM_613542	52.99	54.85	ASSAY	1.00		11.90	11.00	69.00	52.00	2.50	0.50	0.31
Colour					RDU_SM_613543	54.85	56.50	ASSAY	1.00		7.20	11.10	80.00	44.40	1.80	0.40	0.16
52.99	77.02	Dominant: N 2 Secondary: 5 GY 3/2			RDU_SM_613544	56.50	58.00	ASSAY	1.00		4.00	10.00	79.00	48.40	1.30	0.30	0.16
					RDU_SM_613545	58.00	59.50	ASSAY	1.00		9.30	11.70	84.00	46.00	1.60	0.30	0.25
					RDU_SM_613546	59.50	61.00	ASSAY	1.00		3.70	11.60	67.00	54.90	2.00	0.05	0.46
Texture					RDU_SM_613548	61.00	62.50	ASSAY	3.00		5.10	12.30	92.00	55.40	1.10	0.10	0.34
52.99	77.02	augen Comment: Euhedral-subhedral mm-2cm Amphibole augens			RDU_SM_613549	62.50	64.01	ASSAY	1.00		3.40	19.10	117.00	28.10	0.60	0.05	0.12
					RDU_SM_613550	64.01	65.30	ASSAY	1.00		5.60	12.50	68.00	40.10	0.30	0.05	0.21
68.00	70.00	schistose			RDU_SM_613651	65.30	66.03	ASSAY	1.00		33.80	10.70	60.00	19.80	0.70	0.20	0.13
					RDU_SM_613652	66.03	67.50	ASSAY	1.00		57.30	18.30	78.00	41.30	1.00	0.40	0.23
Mineral					RDU_SM_613653	67.50	68.99	ASSAY	1.00		22.70	9.20	103.00	33.30	1.00	0.40	0.13
52.99	77.02	1pyrite Medium-grained Subhedral Comment: PY in Qtz veins, disseminated locally			RDU_SM_613654	68.99	70.50	ASSAY	1.00		22.60	5.30	86.00	49.50	2.50	0.30	0.07
					RDU_SM_613655	70.50	72.00	ASSAY	1.00		41.40	15.70	138.00	37.60	0.90	0.20	0.17
58.13	58.70	5 G 6/6 fuchsite Fine-grained			RDU_SM_613656	72.00	73.50	ASSAY	1.00		54.50	17.00	73.00	38.70	0.40	0.10	0.15
					RDU_SM_613658	73.50	75.00	ASSAY	1.00		104.90	16.20	87.00	49.60	0.90	0.20	0.15
63.28	65.25	5 YR 2/1 amphibole Coarse-grained Euhedral Comment: Patches of Amph. augen			RDU_SM_613659	75.00	76.50	ASSAY	1.00		25.50	21.50	105.00	38.70	0.50	0.20	0.11
					RDU_SM_613660	76.50	77.02	ASSAY	13.00		474.10	18.50	140.00	39.40	1.10	0.50	0.30
Alteration																	
52.99	77.02	20-40% oxide Fracture-related 10 YR 6/6 Level: 2															
52.99	77.02	40-60% silica Pervasive Level: 1															
Structure																	
52.99	54.85	Comment: Brittle zone, rock fragmented															
55.50	55.50	foliation 40 Deg to CA,															
56.00	56.25	foliation 40 Deg to CA, Comment: QZT layers and foliation															
57.70	57.70	foliation															
58.20	58.30	vein Comment: QZ-CB-PY VN															
58.90	58.90	foliation															
58.90	58.90	fracture															
60.00	60.00	foliation															
61.90	61.90	foliation															
65.52	65.75	vein															

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From	To	Lithology	Samples Details
67.70	67.70	foliation 37 Deg to CA,	
67.70	67.70	fracture 37 Deg to CA,	
69.42	69.48	gouge	
69.68	69.81	Comment: small fold	
70.50	70.50	foliation 37 Deg to CA,	
72.18	72.33	vein 55 Deg to CA, Comment: QZ VN	
72.26	72.29	vein 50 Deg to CA, Comment: QZ VN	
72.34	72.38	boudinage/boudins Comment: Boudin Qtz vein	
72.60	72.93	vein 55 Deg to CA, Comment: QZ VN	
72.77	72.80	boudinage/boudins 47 Deg to CA, Comment: Boudin Qtz vein	
74.80	74.80	fracture 53 Deg to CA,	
74.80	74.80	foliation 53 Deg to CA,	
75.30	75.30	foliation 53 Deg to CA,	

Hole Number RDU_SM_DDH11-20

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From	To	Lithology	Samples Details													
77.02	90.60	CBQS, Chlorite Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Same CHL-BIO-QTZ schist +/- MUS. Well foliated but becoming more schistose.														
INTERVALS DETAILS:				RDU_SM_613661	77.02	78.50	ASSAY	1.00		8.30	59.20	134.00	31.50	1.10	0.30	0.15
Colour				RDU_SM_613662	78.50	80.00	ASSAY	1.00		9.80	19.90	73.00	25.20	0.30	0.10	0.06
77.02	90.60	Dominant: 5 GY 3/2		RDU_SM_613663	80.00	81.50	ASSAY	1.00		14.00	15.90	63.00	33.40	0.30	0.20	0.08
		Secondary: N 2		RDU_SM_613664	81.50	83.00	ASSAY	23.00		1,107.10	12.80	78.00	36.10	0.40	0.30	0.23
		Comment: Pale green-white muscovite giving resinous lustre		RDU_SM_613665	83.00	84.50	ASSAY	1.00		58.70	22.60	64.00	26.20	0.30	0.40	0.11
Texture				RDU_SM_613666	84.50	86.07	ASSAY	11.00		935.50	13.50	54.00	25.40	0.40	2.90	0.07
83.76	84.40	augen		RDU_SM_613667	86.07	87.52	ASSAY	61.00		2,628.80	11.50	67.00	38.80	0.30	0.70	0.24
		Comment: (mm) Amph. augen through-out		RDU_SM_613668	86.07	87.52	FieldDup	45.00		1,975.40	12.10	66.00	37.00	0.30	0.50	0.21
Mineral				RDU_SM_613669	87.52	89.00	ASSAY	144.00		730.10	14.20	39.00	25.00	0.20	0.60	0.26
83.76	84.40	5 YR 2/1 amphibole Coarse-grained Euhedral		RDU_SM_613670	89.00	90.60	ASSAY	1.00		35.40	11.40	57.00	22.00	0.30	0.20	0.08
		Comment: Augen														
Alteration																
77.02	90.60	40-60% silica Pervasive Level: 1														
87.25	90.60	0-20% sericite Overprint 10 Y 8/2 Level: 3														
87.52	90.60	40-60% oxide Fracture-related 10 YR 6/6 Level: 2														
Structure																
77.84	77.84	foliation														
78.61	78.61	fracture														
79.40	79.40	foliation														
81.00	81.00	fracture														
81.50	81.50	foliation														
82.30	82.34	vein														
		Comment: QZ-PY-VN														
83.17	83.17	fracture														
		Comment: LIM stained fracture														
83.60	83.60	foliation														
84.88	84.90	vein														
		Comment: QZ-CB VN														
85.50	85.50	foliation														
85.50	85.50	fracture														
85.87	85.94	vein														
		Comment: QZ VN														

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From	To	Lithology	Samples Details
85.99	86.05	vein Comment: QZ-CB VN	
87.52	90.60	Comment: Fractured rock	
88.02	88.07	vein Comment: CB-QZ VN	
88.17	88.17	foliation	
88.17	88.17	fracture	

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FromToLithology			Samples Details													
90.60	114.80	BCQS, Biotite Chlorite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Well foliated, similar to above Biotite rich schist.																
INTERVALS DETAILS:				RDU_SM_613671	90.60	91.92	ASSAY	1.00		65.00	8.20	52.00	46.10	1.10	0.50	0.16
Colour				RDU_SM_613672	91.92	93.50	ASSAY	39.00		2,378.70	14.90	75.00	34.90	0.90	1.20	0.16
90.60	114.80	Dominant: N 2		RDU_SM_613673	93.50	95.00	ASSAY	11.00		1,000.10	17.80	69.00	49.00	1.30	1.80	0.30
		Secondary: N 9		RDU_SM_613674	95.00	96.50	ASSAY	4.00		311.90	21.50	82.00	44.00	2.50	1.50	0.10
		Comment: White Qtz rich intervals		RDU_SM_613675	96.50	98.00	ASSAY	36.00		1,721.60	15.70	118.00	68.70	2.40	3.00	0.23
					RDU_SM_613676	98.00	99.20	ASSAY	1.00		70.80	5.80	42.00	53.20	1.80	1.00
90.60		114.80	schistose		RDU_SM_613678	99.20	100.30	ASSAY	1.00		142.70	5.20	81.00	57.30	1.90	1.30
				RDU_SM_613679	100.30	101.29	ASSAY	1.00		245.10	10.60	171.00	53.10	2.00	0.60	0.16
Mineral				RDU_SM_613680	101.29	102.47	ASSAY	3.00		49.70	45.80	174.00	78.40	2.80	1.00	0.62
90.60	114.80	0.1pyrite Medium-grained Subhedral		RDU_SM_613681	102.47	103.97	ASSAY	1.00		28.30	13.60	95.00	47.50	1.30	0.90	0.23
Comment: Minor folioformed PY, disseminated up tp 1% adjacent to veining				RDU_SM_613682	103.97	105.47	ASSAY	1.00		23.00	17.00	47.00	30.60	0.90	0.50	0.36
97.44	97.54	arsenopyrite Medium-grained Subhedral		RDU_SM_613683	105.47	107.05	ASSAY	7.00		54.20	38.20	60.00	32.70	0.60	0.50	0.21
Comment: In QZ VN				RDU_SM_613684	107.05	108.51	ASSAY	1.00		45.20	9.10	36.00	26.00	1.00	0.50	0.23
Alteration				RDU_SM_613685	108.51	110.06	ASSAY	17.00		1,254.10	16.90	63.00	56.90	1.50	0.90	0.53
90.60	114.80	0-20% oxide Fracture-related 10 YR 6/6 Level: 2		RDU_SM_613686	110.06	111.55	ASSAY	27.00		690.80	13.40	73.00	46.40	3.10	0.90	0.80
90.60	114.80	60-80% silica Pervasive Level: 1		RDU_SM_613688	111.55	113.08	ASSAY	3.00		220.70	10.40	79.00	46.90	0.90	0.50	0.43
				RDU_SM_613689	113.08	114.80	ASSAY	33.00		379.90	47.80	119.00	41.20	1.80	1.10	0.26
100.30	101.29	60-80% oxide Pervasive 10 YR 6/6 Level: 1														
Structure																
91.24	91.24	fracture 33 Deg to CA,														
91.50	91.50	foliation 33 Deg to CA,														
91.92	92.30	gouge														
91.92	92.30	fault 40 Deg to CA,														
93.31	93.39	vein														
Comment: QZ-CB VN																
93.62	93.66	vein														
Comment: QZ-CB VN																
94.30	94.30	foliation														
94.30	94.30	fracture														
97.12	97.20	vein														
Comment: QZ-PY VN																
97.44	97.54	vein														
Comment: QZ-PY-ASP VN																
98.30	98.30	foliation														

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From	To	Lithology	Samples Details
102.40	102.44	vein 57 Deg to CA, Comment: QZ-CB VN	
103.00	103.30	vein 55 Deg to CA, Comment: QZ-CB VN	
103.36	103.36	fracture 59 Deg to CA,	
104.50	104.50	foliation 33 Deg to CA,	
106.22	106.26	vein 45 Deg to CA, Comment: QZ-PY VN	
108.24	108.44	vein 25 Deg to CA, Comment: QZ VN	
110.06	110.77	fault 42 Deg to CA,	
110.06	110.16	gouge	
111.00	111.00	fracture 41 Deg to CA, Comment: Graphite in-fill	
111.36	111.55	vein Comment: Fractures QZ VN	
112.34	112.34	foliation 41 Deg to CA,	
112.73	112.73	fracture 45 Deg to CA, Comment: following foliation	
114.30	114.80	Comment: rubble	

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From		To	Lithology	Samples Details																
114.80	143.45	AQS, Amphibole Quartz Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct			
Comments:		Dark green, coarse grained with euhedral Amphibole-Chlorite-Biotite-Quartz schist +/- silverish white mica exposed along fracture planes. Same green schist unit with higher presence of amphiboles.																		
INTERVALS DETAILS:					RDU_SM_613690	114.80	116.05	ASSAY	2.00		66.10	16.40	41.00	10.90	0.40	0.20	0.03			
Colour					RDU_SM_613691	116.05	117.11	ASSAY	1.00		88.80	5.40	33.00	7.90	0.50	0.20	0.03			
114.80	143.45	Dominant: 5 GY 4/1 Secondary: N 9			RDU_SM_613692	117.11	118.22	ASSAY	8.00		35.80	6.30	36.00	2.90	0.40	0.30	0.03			
					RDU_SM_613693	118.22	119.50	ASSAY	186.00		875.60	77.10	99.00	73.20	0.20	0.60	0.27			
					RDU_SM_613694	119.50	121.05	ASSAY	49.00		196.80	13.50	72.00	115.40	0.70	0.50	0.26			
Texture					RDU_SM_613695	121.05	122.50	ASSAY	21.00		59.60	75.70	33.00	31.60	0.20	0.40	0.09			
114.80	143.45	schistose			RDU_SM_613696	122.50	123.97	ASSAY	8.00		44.00	54.00	98.00	133.90	0.50	0.40	0.29			
					RDU_SM_613697	123.97	125.50	ASSAY	1.00		29.40	25.40	96.00	67.00	0.05	0.40	0.20			
					RDU_SM_613698	123.97	125.50	FieldDup	1.00		32.20	26.20	95.00	88.80	0.05	0.30	0.18			
114.80	143.45	N 8 muscovite			RDU_SM_613699	125.50	127.09	ASSAY	3.00		4.80	4.40	74.00	130.90	0.50	0.90	0.29			
		Comment: exposed on surfaces often associated with spec. hematite			RDU_SM_613700	127.09	128.50	ASSAY	1.00		1.50	1.60	59.00	91.10	0.70	0.20	0.08			
134.35	143.45				0.35 R 3/4 hematite Fine-grained			RDU_SM_613701	128.50	130.00	ASSAY	5.00		1.20	0.70	59.00	121.20	0.05	0.30	0.03
		Comment: occurring with PY in QZ-CB VNs and along fractures			RDU_SM_613702	130.00	131.44	ASSAY	7.00		1.40	1.00	44.00	84.80	0.05	0.50	0.03			
134.40	134.44				epidote Medium-grained Subhedral			RDU_SM_613703	131.44	133.00	ASSAY	1.00		0.80	1.40	65.00	93.60	0.05	0.20	0.05
		Comment: occurring with PY			RDU_SM_613704	133.00	134.35	ASSAY	3.00		1.30	0.80	64.00	140.80	0.05	0.40	0.03			
138.77	138.87				arsenopyrite Medium-grained Subhedral			RDU_SM_613705	134.35	136.00	ASSAY	16.00		1.00	1.10	63.00	187.70	0.05	0.40	0.06
		Comment: Spec. Hem occurring with ASP			RDU_SM_613706	136.00	137.55	ASSAY	1.00		1.80	4.30	69.00	135.80	0.40	0.40	0.03			
141.24	141.34				magnetite Medium-grained			RDU_SM_613708	137.55	139.06	ASSAY	4.00		1.10	1.60	74.00	140.50	0.30	0.40	0.03
Alteration					RDU_SM_613709	139.06	140.50	ASSAY	8.00		1.60	2.50	71.00	164.70	0.60	0.20	0.12			
114.80	143.45	60-80% silica Level: 1			RDU_SM_613710	140.50	142.02	ASSAY	1.00		1.30	2.00	83.00	104.60	0.20	0.20	0.03			
114.80	125.50	20-40% calcite 10 YR 8/2 Level: 2			RDU_SM_613711	142.02	143.45	ASSAY	8.00		1.10	3.50	83.00	135.20	0.05	0.20	0.15			
114.80	125.50	0-20% argillic 10 YR 8/2 Level: 2																		
114.80	125.50	20-40% sericite Overprint 10 GY 7/2 Level: 2																		
125.50	143.45	0-20% calcite Fracture-related Level: 3																		
Structure																				
116.45	116.55	breccia																		
		Comment: Qtz fragments in a clay-carbonate matrix																		
117.11	118.22				vein 15 Deg to CA,															
		Comment: Irregular QZ-CB VN																		
118.87	118.87				fracture															
120.25	120.25	foliation 50 Deg to CA,																		
120.28	120.74	vein 60 Deg to CA,																		
		Comment: QZ-CB VN's																		
120.90	120.90				fracture 50 Deg to CA,															

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From	To	Lithology	Samples Details
121.05	122.30	vein 55 Deg to CA, Comment: Fragmetned QZ VN	
122.73	123.09	vein 55 Deg to CA, Comment: QZ-PY-F'spar-Scheelite? VN	
124.60	124.60	fracture 56 Deg to CA,	
125.50	125.50	foliation 48 Deg to CA,	
127.90	127.90	foliation	
129.94	129.94	foliation	
131.10	131.10	foliation Comment: change in FO orientation	
133.00	133.00	foliation	
133.14	133.14	fracture Comment: Gypsum in-fill	
133.14	133.14	fracture Comment: Mus exposed along FO parting	
134.40	134.40	foliation	
136.30	136.30	foliation	
138.07	138.28	vein Comment: QZ-CB-PY-MG VN	
139.75	139.91	vein Comment: QZ-CB VN	
140.87	141.06	vein Comment: skimmed QZ-MG VN	
141.12	141.12	fracture	
142.27	142.65	vein Comment: Irregular QZ-CB VN	

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From		To	Lithology	Samples Details																
143.45	181.05		CBQS, Chlorite Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct			
Comments:			Same CHL-BIO-MUS-QTZ schist as above with stronger silicification and sericite alteration overprint. Mineralisation occurring through-out with increasing sulfide presence downhole. Unit becoming more schistose with depth.																	
INTERVALS DETAILS:					RDU_SM_613712	143.45	145.00	ASSAY	1.00		1.60	12.70	31.00	6.40	0.30	0.30	0.03			
Colour					RDU_SM_613713	145.00	146.50	ASSAY	1.00		1.10	10.40	24.00	3.00	0.20	0.20	0.03			
143.45	181.05	Dominant: 5 GY 3/2			RDU_SM_613714	146.50	148.02	ASSAY	1.00		1.20	6.00	23.00	2.50	0.05	0.05	0.03			
		Secondary: 10 GY 7/2			RDU_SM_613715	148.02	149.50	ASSAY	1.00		3.90	8.80	23.00	4.30	0.40	0.10	0.16			
		Comment: Resinous fractures of white silverish mica (MUS?) and sericite.			RDU_SM_613716	149.50	151.03	ASSAY	1.00		1.70	17.50	37.00	4.70	0.20	0.10	0.06			
					RDU_SM_613718	151.03	152.55	ASSAY	1.00		3.70	33.50	46.00	8.20	0.50	0.30	0.14			
143.45	154.48	0.3pyrite Medium-grained Subhedral			RDU_SM_613719	152.55	153.50	ASSAY	1.00		1.70	20.80	48.00	5.40	0.50	0.10	0.20			
								RDU_SM_613720	153.50	154.48	ASSAY	1.00	2.30	20.90	44.00	6.30	0.20	0.20	0.09	
153.50	153.66	1pyrite Medium-grained Subhedral			RDU_SM_613721	154.48	156.00	ASSAY	3.00		0.80	4.30	81.00	100.90	0.05	0.05	0.03			
								RDU_SM_613722	156.00	157.56	ASSAY	1.00	0.70	2.50	56.00	115.50	0.10	0.10	0.03	
175.88	177.85	5 G 6/6 fuchsite Fine-grained			RDU_SM_613723	157.56	159.00	ASSAY	2.00		0.80	3.60	63.00	106.40	0.05	0.10	0.03			
								RDU_SM_613724	159.00	160.55	ASSAY	4.00	0.90	1.00	64.00	148.40	0.50	0.05	0.03	
179.05	181.05	2.5pyrite Medium-grained Subhedral			RDU_SM_613725	160.55	162.00	ASSAY	4.00		0.80	1.20	71.00	185.20	0.40	0.10	0.06			
								RDU_SM_613726	162.00	163.50	ASSAY	1.00	0.25	1.30	74.00	130.90	0.10	0.05	0.03	
143.45	154.48	40-60% sericite Overprint 10 GY 7/2 Level: 2			RDU_SM_613727	163.50	165.00	ASSAY	1.00		1.30	1.90	61.00	51.00	0.05	0.05	0.07			
								RDU_SM_613728	163.50	165.00	FieldDup	1.00	0.90	2.00	64.00	81.40	0.10	0.05	0.07	
143.45	179.05	20-40% silica Pervasive Level: 1			RDU_SM_613729	165.00	166.50	ASSAY	1.00		0.60	2.20	51.00	60.40	2.70	0.05	0.03			
								RDU_SM_613730	166.50	167.15	ASSAY	1.00	2.10	7.00	57.00	44.20	0.05	0.10	0.11	
179.05	181.05	40-60% silica Pervasive Level: 1			RDU_SM_613731	167.15	168.52	ASSAY	5.00		19.60	5.00	58.00	124.30	0.20	0.40	0.38			
								RDU_SM_613732	168.52	170.03	ASSAY	3.00	7.60	14.50	27.00	15.80	0.05	0.20	0.23	
								RDU_SM_613733	170.03	171.52	ASSAY	4.00	12.70	12.20	24.00	7.50	1.90	0.20	0.36	
179.05	181.05	40-60% sericite Overprint 10 GY 7/2 Level: 2			RDU_SM_613734	171.52	173.00	ASSAY	1.00		4.20	15.00	17.00	8.40	0.30	0.10	0.16			
								RDU_SM_613735	173.00	174.50	ASSAY	1.00	6.30	13.70	20.00	6.30	0.20	0.20	0.22	
Alteration					RDU_SM_613736	174.50	176.00	ASSAY	1.00		5.20	21.60	43.00	6.60	0.40	0.10	0.17			
144.80	144.80	foliation			RDU_SM_613738	176.00	177.50	ASSAY	2.00		4.40	12.60	100.00	35.60	0.40	0.20	0.24			
								RDU_SM_613739	177.50	179.05	ASSAY	1.00	13.10	12.00	79.00	43.00	1.20	0.20	0.27	
146.91	147.10	vein 46 Deg to CA,			RDU_SM_613740	179.05	180.00	ASSAY	41.00		302.20	30.50	87.00	27.10	0.20	0.90	1.47			
								RDU_SM_613741	180.00	181.05	ASSAY	27.00	271.30	36.40	102.00	35.20	0.60	0.70	1.08	
149.08	149.20	vein 70 Deg to CA,																		
149.50	150.57	vein 35 Deg to CA,																		
150.08	150.25	vein 24 Deg to CA,																		
153.29	153.29	foliation																		
153.29	153.29	fracture																		
153.89	153.93	vein																		
153.89	153.93	vein																		

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From		To	Lithology	Samples Details												
154.48	167.15		vein Comment: Series of calcite veins													
157.18	157.24		vein Comment: QZ VN													
160.14	160.14		foliation													
164.44	164.44		fracture													
166.33	166.60		vein Comment: Series of QZ-PY-HEM Vns													
168.88	168.88		foliation													
169.00	173.74		vein Comment: Folioformed QZ-CB VNs with trace PY													
173.00	173.00		foliation													
177.00	177.00		foliation 44 Deg to CA,													
179.05	181.05		vein 44 Deg to CA, Comment: QZ-CB Veins and structures occuring along foliation													
181.05	185.65	FZN, Fault Zone	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:																
INTERVALS DETAILS:				RDU_SM_613742	181.05	182.98	ASSAY	99.00		59.30	37.60	64.00	46.80	1.10	0.30	0.52
Structure				RDU_SM_613743	182.98	185.65	ASSAY	1,061.00		174.00	37.90	48.00	52.30	2.50	0.30	0.75
181.05	185.65	fault Comment: Fault Zone														
181.37	181.37	shear 30 Deg to CA,														
181.37	181.57	gouge Comment: Qtz fragments in dark grey gouge														
183.32	183.49	gouge														
185.32	185.65	gouge														
181.05	181.35	BTS, Biotite Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Dark Biotite slatish looking material with fault zone.												
INTERVALS DETAILS:																

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From	To	Lithology	Samples Details													
181.35	182.98	CBQS, Chlorite Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Same CBQS sub-unit as above within fault zone.														
INTERVALS DETAILS:																
Structure																
181.37	181.37	shear 30 Deg to CA,														
181.37	181.57	gouge Comment: Qtz fragments in dark grey gouge														
182.98	185.65	BQS, Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Biotite Quartz schist unite in fault zone (transition from Chlorite rich units mentioned above). BQS unit described below.														
INTERVALS DETAILS:				RDU_SM_613743	182.98	185.65	ASSAY	1,061.00		174.00	37.90	48.00	52.30	2.50	0.30	0.75
Structure																
183.32	183.49	gouge														
185.32	185.65	gouge														

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FromToLithology			Samples Details													
185.65	309.37	SCH, Schist	Major Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Same mafic major schist unit (upper Greenschist facies) becoming mroe Chlorite dominant downhole with increasing sericitization overprints. Silicification increasing with presence of sulfides downhole.													
INTERVALS DETAILS:				RDU_SM_613744	185.65	187.01	ASSAY	7.00		6.40	9.70	70.00	54.20	1.70	0.20	1.12
Colour				RDU_SM_613745	187.01	188.50	ASSAY	6.00		11.50	9.70	79.00	62.20	3.40	0.30	1.23
185.65	191.26	Dominant: N 2		RDU_SM_613746	188.50	190.00	ASSAY	9.00		15.00	4.70	59.00	58.50	2.10	0.40	0.98
		Secondary: N 9		RDU_SM_613748	190.00	191.26	ASSAY	13.00		42.90	9.10	63.00	62.80	1.50	0.70	1.13
Comment: Graphitic "greasy" appearance along foliation planes, white Qtz layers				RDU_SM_613749	191.26	192.75	ASSAY	2.00		1.80	3.10	60.00	97.40	0.40	0.10	0.06
191.26	233.48	Dominant: 5 GY 3/2		RDU_SM_613750	192.75	194.20	ASSAY	5.00		0.70	2.00	65.00	176.10	0.30	0.05	0.33
		Secondary: 10 GY 7/2		RDU_SM_613751	194.20	195.50	ASSAY	1.00		0.90	6.20	72.00	39.60	0.70	0.10	0.18
Comment: Patches of strong SER overprint				RDU_SM_613752	195.50	197.00	ASSAY	12.00		99.60	7.20	58.00	36.10	0.40	0.40	0.24
233.48	295.00	Dominant: N 3		RDU_SM_613753	197.00	198.50	ASSAY	7.00		124.60	7.40	63.00	75.40	0.10	0.70	0.17
		Secondary: 10 YR 8/2		RDU_SM_613754	198.50	200.00	ASSAY	23.00		350.40	10.30	55.00	54.10	0.80	0.40	0.20
295.00	309.37	Dominant: 5 GY 3/2		RDU_SM_613755	200.00	200.99	ASSAY	13.00		317.80	17.80	24.00	11.40	0.40	0.40	0.12
		Secondary: N 3		RDU_SM_613756	200.99	201.78	ASSAY	24.00		198.00	10.80	67.00	92.10	0.20	0.90	0.13
Texture				RDU_SM_613757	201.78	202.75	ASSAY	1,794.00		10,000.00	3.50	48.00	77.80	0.05	6.10	1.58
191.26	233.48	schistose		RDU_SM_613758	201.78	202.75	FieldDup	1,422.00		10,000.00	3.40	30.00	71.50	0.05	6.40	1.50
		Comment: Periods of well foliated rock		RDU_SM_613759	202.75	203.73	ASSAY	48.00		1,218.10	6.60	82.00	113.10	0.60	0.50	0.25
Mineral				RDU_SM_613760	203.73	205.34	ASSAY	11.00		26.40	10.50	76.00	89.60	0.30	0.30	0.09
185.65	191.26	3pyrite Medium-grained Subhedral		RDU_SM_613761	205.34	207.00	ASSAY	1.00		28.50	52.30	46.00	17.40	1.70	0.20	0.11
		Comment: Folioformed		RDU_SM_613762	207.00	208.50	ASSAY	1.00		81.10	24.10	52.00	18.60	0.50	0.30	0.06
194.20	207.00	0.5pyrite Medium-grained Subhedral		RDU_SM_613763	208.50	210.00	ASSAY	129.00		2,590.60	65.70	102.00	42.30	0.30	0.50	0.46
		Comment: Folioformed		RDU_SM_613764	210.00	211.50	ASSAY	19.00		562.50	213.20	58.00	15.30	0.60	0.30	0.13
201.78	203.73	2arsenopyrite Medium-grained Euhedral		RDU_SM_613765	211.50	213.30	ASSAY	1.00		33.80	21.30	41.00	11.70	0.40	0.05	0.21
		Comment: Occuring with 3% PY		RDU_SM_613766	213.30	214.26	ASSAY	34.00		840.50	20.90	54.00	13.50	0.40	0.40	0.60
214.26	233.48	0.5pyrite Medium-grained Subhedral		RDU_SM_613768	214.26	216.00	ASSAY	1.00		14.60	25.60	53.00	5.90	0.60	0.10	0.21
		Comment: Trace-Minor Blebby folioformed PY through-out core		RDU_SM_613769	216.00	217.50	ASSAY	1.00		5.00	46.60	80.00	8.40	0.60	0.05	0.11
233.48	257.52	1pyrite Medium-grained Subhedral		RDU_SM_613770	217.50	219.00	ASSAY	1.00		6.50	33.90	53.00	8.60	0.50	0.05	0.11
				RDU_SM_613771	219.00	220.50	ASSAY	2.00		21.40	13.50	39.00	6.90	1.30	0.10	0.36
256.30	256.60	0.1galena Fine-grained Subhedral		RDU_SM_613772	220.50	222.00	ASSAY	17.00		41.00	69.00	50.00	7.20	0.50	0.10	0.68
		Comment: Trcae GL?		RDU_SM_613773	222.00	223.50	ASSAY	8.00		20.00	17.20	89.00	5.80	0.30	0.05	0.31
257.52	261.00	4pyrite Medium-grained Subhedral		RDU_SM_613774	223.50	225.00	ASSAY	32.00		573.50	13.20	185.00	6.10	0.40	0.05	0.30
		Comment: Fracture orientated 240,70		RDU_SM_613775	225.00	226.47	ASSAY	174.00		2,091.10	9.20	29.00	6.70	0.20	0.10	0.49
261.00	269.58	1pyrite Medium-grained Subhedral		RDU_SM_613776	226.47	227.93	ASSAY	21.00		507.80	12.90	52.00	4.00	0.10	0.10	0.42
				RDU_SM_613778	227.93	229.50	ASSAY	118.00		625.50	17.30	381.00	6.50	0.05	0.05	0.50
270.39	273.03	4pyrite Medium-grained Subhedral		RDU_SM_613779	229.50	231.00	ASSAY	20.00		729.20	7.00	11.00	5.90	0.05	0.20	0.29
				RDU_SM_613780	231.00	232.51	ASSAY	13.00		146.70	10.70	26.00	3.10	2.30	0.10	0.31
272.00	272.22	0.1arsenopyrite Fine-grained Euhedral		RDU_SM_613781	232.51	234.05	ASSAY	9.00		20.80	13.30	8.00	4.00	9.70	0.05	0.28
		Comment: Trace ASP 40 dtca fracture orientated		RDU_SM_613782	234.05	235.50	ASSAY	5.00		11.20	10.20	5.00	3.10	10.00	0.10	0.19
273.03	274.32	3pyrite Medium-grained Subhedral		RDU_SM_613783	235.50	237.00	ASSAY	25.00		69.30	15.70	190.00	10.40	0.30	0.30	0.25
		Comment: Plate like Pyrite mineralisation		RDU_SM_613784	237.00	238.50	ASSAY	8.00		29.40	12.80	6.00	6.10	0.05	0.05	0.23
274.32	291.89	2pyrite Medium-grained Subhedral		RDU_SM_613785	238.50	240.00	ASSAY	7.00		13.20	11.00	4.00	7.30	0.05	0.10	0.20
				RDU_SM_613786	240.00	241.50	ASSAY	16.00		18.90	10.60	3.00	4.00	0.20	0.10	0.23

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From	To	Lithology	Samples Details											
291.89	293.09	0.1sphalerite Fine-grained Subhedral Comment: Trace SP	RDU_SM_613787	241.50	243.00	ASSAY	157.00	12.80	256.40	81.00	8.40	1.20	0.20	0.22
			RDU_SM_613788	241.50	243.00	FieldDup	18.00	42.20	11.20	7.00	5.00	0.90	0.20	0.16
291.89	293.09	4pyrite Medium-grained Subhedral	RDU_SM_613789	243.00	244.50	ASSAY	154.00	57.80	92.50	73.00	11.40	0.10	0.40	0.28
			RDU_SM_613790	244.50	246.00	ASSAY	3.00	4.90	9.20	5.00	7.30	0.05	0.10	0.15
295.00	309.37	0.3pyrite Medium-grained Subhedral Comment: Minor PY through-out rock	RDU_SM_613791	246.00	247.50	ASSAY	4.00	13.30	7.70	27.00	10.00	0.05	0.10	0.13
			RDU_SM_613792	247.50	249.00	ASSAY	151.00	105.60	17.50	34.00	18.00	0.80	0.30	0.25
297.77	298.61	5 YR 2/1 biotite Coarse-grained Euhedral Comment: larger 0.2-0.8 cm Biotites	RDU_SM_613793	249.00	250.50	ASSAY	133.00	170.80	11.00	20.00	15.10	0.20	0.40	0.46
			RDU_SM_613794	250.50	252.00	ASSAY	1.00	5.40	11.30	46.00	12.80	0.05	0.20	0.17
307.27	307.40	0.1galena Fine-grained Subhedral Comment: Trace Galena occuring with SER bands and increased PY (1%)	RDU_SM_613795	252.00	253.48	ASSAY	125.00	220.70	90.20	16.00	9.30	0.05	0.20	0.24
			RDU_SM_613796	253.48	255.00	ASSAY	11.00	6.30	15.90	32.00	12.40	0.10	0.20	0.14
Alteration			RDU_SM_613798	255.00	256.40	ASSAY	9.00	10.00	18.50	78.00	10.60	0.10	0.20	0.18
185.65	191.26	40-60% silica Pervasive Level: 1	RDU_SM_613799	256.40	258.00	ASSAY	23.00	32.50	8.50	27.00	9.60	0.80	0.40	0.66
			RDU_SM_613800	258.00	259.50	ASSAY	3.00	11.20	13.30	54.00	13.60	4.80	0.40	0.45
194.20	207.00	20-40% sericite Overprint 10 GY 7/2 Level: 2	RDU_SM_613801	259.50	261.00	ASSAY	6.00	3.30	13.40	22.00	27.90	0.60	0.30	0.71
			RDU_SM_613802	261.00	262.50	ASSAY	1.00	19.10	20.80	85.00	10.20	2.80	0.20	0.07
207.00	214.26	40-60% sericite Overprint 10 GY 7/2 Level: 2	RDU_SM_613803	262.50	264.00	ASSAY	1.00	5.40	10.40	57.00	17.20	7.10	0.30	0.15
			RDU_SM_613804	264.00	265.50	ASSAY	1.00	13.10	12.60	63.00	16.30	0.40	0.20	0.15
214.26	233.48	60-80% sericite Overprint 10 GY 7/2 Level: 2 Comment: Strong bands of brilliant green sericite	RDU_SM_613805	265.50	267.00	ASSAY	163.00	978.10	33.10	81.00	10.60	0.30	0.40	0.32
			RDU_SM_613806	267.00	268.50	ASSAY	124.00	266.20	14.00	32.00	16.80	0.20	0.30	0.51
233.48	295.00	40-60% silica Pervasive Level: 1	RDU_SM_613808	268.50	269.58	ASSAY	56.00	5.30	4.00	13.00	10.70	0.20	0.10	0.38
			RDU_SM_613809	269.58	271.01	ASSAY	232.00	470.30	7.00	11.00	30.20	0.20	0.50	1.09
233.48	257.52	40-60% sericite Overprint 10 GY 7/2 Level: 2	RDU_SM_613810	271.01	272.00	ASSAY	20.00	193.10	3.40	12.00	14.50	0.05	0.10	0.37
			RDU_SM_613811	272.00	273.03	ASSAY	1,395.00	563.40	4.80	14.00	13.30	0.20	0.20	0.36
257.52	295.00	60-80% silica Pervasive Level: 1 Comment: increased silicification with mineralisation	RDU_SM_613812	273.03	274.32	ASSAY	14.00	4.80	5.10	11.00	12.00	0.20	0.20	0.52
			RDU_SM_613813	274.32	275.50	ASSAY	14.00	24.30	23.10	43.00	10.30	0.40	0.20	0.37
295.00	309.37	0-20% sericite Overprint Level: 2	RDU_SM_613814	275.50	277.00	ASSAY	31.00	215.50	38.30	36.00	9.80	0.10	0.30	0.62
			RDU_SM_613815	277.00	278.50	ASSAY	54.00	174.70	19.30	16.00	10.70	0.05	0.20	0.73
295.00	309.37	0-20% calcite Fracture-related Level: 3	RDU_SM_613816	278.50	280.00	ASSAY	162.00	776.40	14.20	7.00	7.40	0.10	0.20	0.51
			RDU_SM_613817	280.00	281.50	ASSAY	134.00	2,344.50	16.10	5.00	6.60	0.20	0.50	0.44
Structure			RDU_SM_613818	280.00	281.50	FieldDup	188.00	2,233.40	20.10	6.00	7.20	0.30	0.40	0.47
186.03	186.03	foliation 58 Deg to CA,	RDU_SM_613819	281.50	283.00	ASSAY	33.00	421.20	13.40	16.00	9.20	4.60	0.20	0.40
			RDU_SM_613820	283.00	284.50	ASSAY	162.00	745.50	23.30	82.00	12.10	0.90	0.40	0.42
188.00	188.00	foliation 50 Deg to CA,	RDU_SM_613821	284.50	286.00	ASSAY	172.00	1,083.90	36.50	164.00	16.60	0.20	0.30	0.51
			RDU_SM_613822	286.00	287.47	ASSAY	20.00	149.70	12.60	31.00	11.00	0.20	0.30	0.31
189.06	189.42	band Comment: Qtz rich band/vein?	RDU_SM_613823	287.47	289.00	ASSAY	46.00	390.20	57.60	100.00	20.60	0.20	0.30	0.37
			RDU_SM_613824	289.00	290.50	ASSAY	646.00	205.40	20.80	46.00	14.40	0.60	0.20	0.50
189.80	189.84	vein Comment: QZ VN	RDU_SM_613825	290.50	291.89	ASSAY	6.00	12.80	18.30	26.00	16.10	0.10	0.20	0.38
			RDU_SM_613826	291.89	293.39	ASSAY	37.00	79.60	19.40	31.00	22.60	0.40	0.20	0.50
190.04	190.04	foliation	RDU_SM_613828	293.39	295.00	ASSAY	14.00	12.00	19.00	36.00	10.70	0.20	0.20	0.22
			RDU_SM_613829	295.00	296.50	ASSAY	15.00	90.10	11.70	22.00	7.00	0.10	0.10	0.16
192.31	192.31	foliation	RDU_SM_613830	296.50	298.00	ASSAY	115.00	122.40	14.60	51.00	33.80	0.05	0.20	0.09
			RDU_SM_613831	298.00	299.50	ASSAY	1.00	3.80	9.60	55.00	39.70	0.10	0.20	0.10
193.61	193.91	vein Comment: Series of QZ-CB VNs												

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From	To	Lithology	Samples Details											
194.20	196.80	vein	RDU_SM_613832	299.50	300.90	ASSAY	1.00	2.60	9.10	34.00	7.30	0.05	0.10	0.08
		Comment: Calcite stringers	RDU_SM_613833	300.90	302.50	ASSAY	1.00	2.50	8.30	31.00	6.40	0.05	0.20	0.10
196.02	196.45	vein	RDU_SM_613834	302.50	304.00	ASSAY	27.00	57.60	11.50	28.00	6.10	0.20	0.10	0.09
		Comment: Series of folioformed QZ VNs	RDU_SM_613835	304.00	305.45	ASSAY	1.00	5.10	15.00	19.00	5.70	0.05	0.05	0.12
197.07	197.09	vein	RDU_SM_613836	305.45	307.00	ASSAY	10.00	19.90	11.10	6.00	4.50	0.60	0.10	0.23
		Comment: QZ VN	RDU_SM_613838	307.00	308.00	ASSAY	14.00	22.50	33.10	156.00	6.90	0.05	0.10	0.32
198.18	198.23	vein	RDU_SM_613839	308.00	309.37	ASSAY	54.00	267.30	19.30	50.00	4.50	0.10	0.20	0.24
		Comment: QZ-CB VN												
200.33	200.63	vein 80 Deg to CA,												
		Comment: Series of QZ-CB VNs												
201.25	201.25	foliation												
204.92	204.92	foliation												
207.90	208.00	vein 50 Deg to CA,												
		Comment: QZ-GL-CP VN												
209.14	209.17	vein 54 Deg to CA,												
		Comment: QZ VN												
210.42	210.45	vein												
		Comment: QZ-SX VN												
210.59	210.69	vein												
		Comment: QZ-CB-GL-PY VN												
210.90	210.90	foliation												
213.30	213.64	vein												
		Comment: QZ-CB-PY VN												
216.00	216.00	foliation 54 Deg to CA,												
219.60	219.60	foliation 45 Deg to CA,												
227.42	227.65	boudinage/boudins												
		Comment: Boudin QZ-CB VNs												
227.70	227.70	foliation 60 Deg to CA,												
227.93	228.14	vein 24 Deg to CA,												
		Comment: QZ-PY-SP VN												
229.84	229.84	fracture 60 Deg to CA,												
230.13	230.41	vein												
		Comment: QZ-CB-PY												
232.15	232.15	foliation												
234.92	235.02	vein												
		Comment: QZ VN												
235.56	235.63	vein												
		Comment: QZ-PY VN												
235.85	235.89	vein												
		Comment: QZ VN												

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From	To	Lithology	Samples Details
236.13	236.14	vein 37 Deg to CA, Comment: QZ-CB VN	
236.38	236.56	boudinage/boudins Comment: Boudin QZ VN	
236.40	236.74	boudinage/boudins 60 Deg to CA, Comment: Boudin QZ VN	
239.54	239.54	fracture 30 Deg to CA,	
243.08	244.00	vein 15 Deg to CA, Comment: Irregular QZ-PY VN	
248.60	248.71	vein 30 Deg to CA, Comment: QZ-PY-ASP-GL	
250.50	250.50	fracture	
252.15	252.17	vein Comment: Boudin QZ-GL? VN	
252.98	253.17	vein Comment: QZ-PY-GL	
273.44	273.49	vein 40 Deg to CA, Comment: QZ VN	
280.90	280.90	fracture	
281.18	281.18	fracture	
281.64	281.64	fracture	
281.71	281.72	vein Comment: QZ VN	
285.05	285.18	vein 30 Deg to CA, Comment: QZ-PY VN	
285.36	285.45	vein 35 Deg to CA, Comment: QZ-PY-SPH VN	
287.47	287.48	vein Comment: QZ PY VN	
289.00	289.47	foliation	
289.74	289.74	fracture	
290.10	290.13	vein Comment: QZ-PY VN	
290.46	290.46	fracture	
295.02	295.04	vein Comment: QZ-PY VN	
296.65	296.67	vein Comment: QZ-CB VN	
296.68	296.68	foliation	

From	To	Lithology	Samples Details
296.73	296.77	vein Comment: QZ-CB VN	
297.08	297.17	vein Comment: QZ VN	
298.59	298.61	vein Comment: QZ VN	
298.61	298.61	foliation	
299.34	299.34	fracture	
300.34	300.60	vein Comment: Series of folioformed QZ VNs	
300.60	300.71	vein Comment: QZ VN	
301.13	301.19	vein Comment: QZ VN	
302.95	302.96	vein Comment: QZ-PY VN (fracture orientated)	
305.45	305.45	fracture	
308.00	308.25	vein Comment: QZ-PY-ASP VN	
308.87	308.88	vein Comment: QZ VN (Fracture orientated)	

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From			To	Lithology	Samples Details													
185.65	191.26	BQS, Biotite Quartz Schist			Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:		Biotite-Quartz-Graphitic schist becoming increasingly Quartz rich downhole.																
INTERVALS DETAILS:					RDU_SM_613744	185.65	187.01	ASSAY	7.00		6.40	9.70	70.00	54.20	1.70	0.20	1.12	
Colour					RDU_SM_613745	187.01	188.50	ASSAY	6.00		11.50	9.70	79.00	62.20	3.40	0.30	1.23	
185.65	191.26	Dominant: N 2			RDU_SM_613746	188.50	190.00	ASSAY	9.00		15.00	4.70	59.00	58.50	2.10	0.40	0.98	
		Secondary: N 9			RDU_SM_613748	190.00	191.26	ASSAY	13.00		42.90	9.10	63.00	62.80	1.50	0.70	1.13	
		Comment: Graphitic "greasy" appearance along foliation planes, white Qtz layers																
Mineral																		
185.65	191.26	3pyrite Medium-grained Subhedral																
Comment: Folioformed																		
Alteration																		
185.65	191.26	40-60% silica Pervasive Level: 1																
Structure																		
186.03	186.03	foliation 58 Deg to CA,																
188.00	188.00	foliation 50 Deg to CA,																
189.06	189.42	band																
		Comment: Qtz rich band/vein?																
189.80	189.84	vein																
		Comment: QZ VN																
190.04	190.04	foliation																

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From		To	Lithology	Samples Details													
191.26	233.48	CBQS, Chlorite Biotite Quartz Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:				Chlorite-Biotite-Muscovite-Quartz Schist, patches of strong phyllic/sericitic overprint and silicification increasing downhole with meralisation.													
INTERVALS DETAILS:				RDU_SM_613749	191.26	192.75	ASSAY	2.00		1.80	3.10	60.00	97.40	0.40	0.10	0.06	
Colour				RDU_SM_613750	192.75	194.20	ASSAY	5.00		0.70	2.00	65.00	176.10	0.30	0.05	0.33	
191.26	233.48	Dominant: 5 GY 3/2		RDU_SM_613751	194.20	195.50	ASSAY	1.00		0.90	6.20	72.00	39.60	0.70	0.10	0.18	
		Secondary: 10 GY 7/2		RDU_SM_613752	195.50	197.00	ASSAY	12.00		99.60	7.20	58.00	36.10	0.40	0.40	0.24	
		Comment: Patches of strong SER overprint		RDU_SM_613753	197.00	198.50	ASSAY	7.00		124.60	7.40	63.00	75.40	0.10	0.70	0.17	
Texture				RDU_SM_613754	198.50	200.00	ASSAY	23.00		350.40	10.30	55.00	54.10	0.80	0.40	0.20	
191.26	233.48	schistose		RDU_SM_613755	200.00	200.99	ASSAY	13.00		317.80	17.80	24.00	11.40	0.40	0.40	0.12	
		Comment: Periods of well foliated rock		RDU_SM_613756	200.99	201.78	ASSAY	24.00		198.00	10.80	67.00	92.10	0.20	0.90	0.13	
Mineral				RDU_SM_613757	201.78	202.75	ASSAY	1,794.00		10,000.00	3.50	48.00	77.80	0.05	6.10	1.58	
194.20	207.00	0.5pyrite Medium-grained Subhedral		RDU_SM_613758	201.78	202.75	FieldDup	1,422.00		10,000.00	3.40	30.00	71.50	0.05	6.40	1.50	
		Comment: Folioformed		RDU_SM_613759	202.75	203.73	ASSAY	48.00		1,218.10	6.60	82.00	113.10	0.60	0.50	0.25	
201.78	203.73	2arsenopyrite Medium-grained Euhedral		RDU_SM_613760	203.73	205.34	ASSAY	11.00		26.40	10.50	76.00	89.60	0.30	0.30	0.09	
214.26	233.48	0.5pyrite Medium-grained Subhedral		RDU_SM_613761	205.34	207.00	ASSAY	1.00		28.50	52.30	46.00	17.40	1.70	0.20	0.11	
		Comment: Trace-Minor Blebby folioformed PY through-out core		RDU_SM_613762	207.00	208.50	ASSAY	1.00		81.10	24.10	52.00	18.60	0.50	0.30	0.06	
Alteration				RDU_SM_613763	208.50	210.00	ASSAY	129.00		2,590.60	65.70	102.00	42.30	0.30	0.50	0.46	
191.26	207.00	20-40% silica Pervasive Level: 1		RDU_SM_613764	210.00	211.50	ASSAY	19.00		562.50	213.20	58.00	15.30	0.60	0.30	0.13	
				RDU_SM_613765	211.50	213.30	ASSAY	1.00		33.80	21.30	41.00	11.70	0.40	0.05	0.21	
194.20	207.00	20-40% sericite Overprint 10 GY 7/2 Level: 2		RDU_SM_613766	213.30	214.26	ASSAY	34.00		840.50	20.90	54.00	13.50	0.40	0.40	0.60	
207.00	214.26	40-60% sericite Overprint 10 GY 7/2 Level: 2		RDU_SM_613768	214.26	216.00	ASSAY	1.00		14.60	25.60	53.00	5.90	0.60	0.10	0.21	
				RDU_SM_613769	216.00	217.50	ASSAY	1.00		5.00	46.60	80.00	8.40	0.60	0.05	0.11	
214.26	233.48	60-80% sericite Overprint 10 GY 7/2 Level: 2		RDU_SM_613770	217.50	219.00	ASSAY	1.00		6.50	33.90	53.00	8.60	0.50	0.05	0.11	
		Comment: Strong bands of brilliant green sericite		RDU_SM_613771	219.00	220.50	ASSAY	2.00		21.40	13.50	39.00	6.90	1.30	0.10	0.36	
Structure				RDU_SM_613772	220.50	222.00	ASSAY	17.00		41.00	69.00	50.00	7.20	0.50	0.10	0.68	
192.31	192.31	foliation		RDU_SM_613773	222.00	223.50	ASSAY	8.00		20.00	17.20	89.00	5.80	0.30	0.05	0.31	
				RDU_SM_613774	223.50	225.00	ASSAY	32.00		573.50	13.20	185.00	6.10	0.40	0.05	0.30	
193.61	193.91	vein		RDU_SM_613775	225.00	226.47	ASSAY	174.00		2,091.10	9.20	29.00	6.70	0.20	0.10	0.49	
		Comment: Series of QZ-CB VNs		RDU_SM_613776	226.47	227.93	ASSAY	21.00		507.80	12.90	52.00	4.00	0.10	0.10	0.42	
194.20	196.80	vein		RDU_SM_613778	227.93	229.50	ASSAY	118.00		625.50	17.30	381.00	6.50	0.05	0.05	0.50	
196.02	196.45	vein		RDU_SM_613779	229.50	231.00	ASSAY	20.00		729.20	7.00	11.00	5.90	0.05	0.20	0.29	
		Comment: Series of folioformed QZ VNs		RDU_SM_613780	231.00	232.51	ASSAY	13.00		146.70	10.70	26.00	3.10	2.30	0.10	0.31	
197.07	197.09	vein															
198.18	198.23	vein															
		Comment: QZ VN															
200.33	200.63	vein															
		80 Deg to CA,															
				Comment: Series of QZ-CB VNs													
201.25	201.25	foliation															
204.92	204.92	foliation															

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From	To	Lithology	Samples Details
207.90	208.00	vein 50 Deg to CA, Comment: QZ-GL-CP VN	
209.14	209.17	vein 54 Deg to CA, Comment: QZ VN	
210.42	210.45	vein Comment: QZ-SX VN	
210.59	210.69	vein Comment: QZ-CB-GL-PY VN	
210.90	210.90	foliation	
213.30	213.64	vein Comment: QZ-CB-PY VN	
216.00	216.00	foliation 54 Deg to CA,	
219.60	219.60	foliation 45 Deg to CA,	
227.42	227.65	boudinage/boudins Comment: Boudin QZ-CB VNs	
227.70	227.70	foliation 60 Deg to CA,	
227.93	228.14	vein 24 Deg to CA, Comment: QZ-PY-SP VN	
229.84	229.84	fracture 60 Deg to CA,	
230.13	230.41	vein Comment: QZ-CB-PY	
232.15	232.15	foliation	

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From	To	Lithology	Samples Details													
233.48	295.00	BQS, Biotite Quartz Schist	Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments: Chlorite diminished, strong SER overprint becoming heavily silicified within mienralisaztion zone																
INTERVALS DETAILS:				RDU_SM_613782	234.05	235.50	ASSAY	5.00		11.20	10.20	5.00	3.10	10.00	0.10	0.19
Colour				RDU_SM_613783	235.50	237.00	ASSAY	25.00		69.30	15.70	190.00	10.40	0.30	0.30	0.25
233.48	295.00	Dominant: N 3 Secondary: 10 YR 8/2		RDU_SM_613784	237.00	238.50	ASSAY	8.00		29.40	12.80	6.00	6.10	0.05	0.05	0.23
				RDU_SM_613785	238.50	240.00	ASSAY	7.00		13.20	11.00	4.00	7.30	0.05	0.10	0.20
				RDU_SM_613786	240.00	241.50	ASSAY	16.00		18.90	10.60	3.00	4.00	0.20	0.10	0.23
				RDU_SM_613787	241.50	243.00	ASSAY	157.00		12.80	256.40	81.00	8.40	1.20	0.20	0.22
Mineral				RDU_SM_613788	241.50	243.00	FieldDup	18.00		42.20	11.20	7.00	5.00	0.90	0.20	0.16
233.48	257.52	1pyrite Medium-grained Subhedral		RDU_SM_613789	243.00	244.50	ASSAY	154.00		57.80	92.50	73.00	11.40	0.10	0.40	0.28
256.30	256.60	0.1galena Fine-grained Subhedral Comment: Trcae GL?		RDU_SM_613790	244.50	246.00	ASSAY	3.00		4.90	9.20	5.00	7.30	0.05	0.10	0.15
257.52	261.00	4pyrite Medium-grained Subhedral		RDU_SM_613791	246.00	247.50	ASSAY	4.00		13.30	7.70	27.00	10.00	0.05	0.10	0.13
		Comment: Fracture orientated 240,70		RDU_SM_613792	247.50	249.00	ASSAY	151.00		105.60	17.50	34.00	18.00	0.80	0.30	0.25
261.00	269.58	1pyrite Medium-grained Subhedral		RDU_SM_613793	249.00	250.50	ASSAY	133.00		170.80	11.00	20.00	15.10	0.20	0.40	0.46
				RDU_SM_613794	250.50	252.00	ASSAY	1.00		5.40	11.30	46.00	12.80	0.05	0.20	0.17
269.58	270.39	4pyrite Medium-grained Subhedral		RDU_SM_613795	252.00	253.48	ASSAY	125.00		220.70	90.20	16.00	9.30	0.05	0.20	0.24
				RDU_SM_613796	253.48	255.00	ASSAY	11.00		6.30	15.90	32.00	12.40	0.10	0.20	0.14
				RDU_SM_613798	255.00	256.40	ASSAY	9.00		10.00	18.50	78.00	10.60	0.10	0.20	0.18
272.00	272.22	0.1arsenopyrite Fine-grained Euhedral		RDU_SM_613799	256.40	258.00	ASSAY	23.00		32.50	8.50	27.00	9.60	0.80	0.40	0.66
		Comment: Trace ASP 40 dtca fracture orientated		RDU_SM_613800	258.00	259.50	ASSAY	3.00		11.20	13.30	54.00	13.60	4.80	0.40	0.45
273.03	274.32	3pyrite Medium-grained Subhedral		RDU_SM_613801	259.50	261.00	ASSAY	6.00		3.30	13.40	22.00	27.90	0.60	0.30	0.71
		Comment: Plate like Pyrite mineralisation		RDU_SM_613802	261.00	262.50	ASSAY	1.00		19.10	20.80	85.00	10.20	2.80	0.20	0.07
274.32	291.89	2pyrite Medium-grained Subhedral		RDU_SM_613803	262.50	264.00	ASSAY	1.00		5.40	10.40	57.00	17.20	7.10	0.30	0.15
				RDU_SM_613804	264.00	265.50	ASSAY	1.00		13.10	12.60	63.00	16.30	0.40	0.20	0.15
291.89	293.09	0.1sphalerite Fine-grained Subhedral		RDU_SM_613805	265.50	267.00	ASSAY	163.00		978.10	33.10	81.00	10.60	0.30	0.40	0.32
		Comment: Trace SP		RDU_SM_613806	267.00	268.50	ASSAY	124.00		266.20	14.00	32.00	16.80	0.20	0.30	0.51
291.89	293.09	4pyrite Medium-grained Subhedral		RDU_SM_613808	268.50	269.58	ASSAY	56.00		5.30	4.00	13.00	10.70	0.20	0.10	0.38
Alteration				RDU_SM_613809	269.58	271.01	ASSAY	232.00		470.30	7.00	11.00	30.20	0.20	0.50	1.09
233.48	295.00	40-60% silica Pervasive Level: 1		RDU_SM_613810	271.01	272.00	ASSAY	20.00		193.10	3.40	12.00	14.50	0.05	0.10	0.37
				RDU_SM_613811	272.00	273.03	ASSAY	1,395.00		563.40	4.80	14.00	13.30	0.20	0.20	0.36
233.48	257.52	40-60% sericite Overprint 10 GY 7/2 Level: 2		RDU_SM_613812	273.03	274.32	ASSAY	14.00		4.80	5.10	11.00	12.00	0.20	0.20	0.52
				RDU_SM_613813	274.32	275.50	ASSAY	14.00		24.30	23.10	43.00	10.30	0.40	0.20	0.37
257.52	295.00	60-80% silica Pervasive Level: 1		RDU_SM_613814	275.50	277.00	ASSAY	31.00		215.50	38.30	36.00	9.80	0.10	0.30	0.62
		Comment: increased silicification with mineralisation		RDU_SM_613815	277.00	278.50	ASSAY	54.00		174.70	19.30	16.00	10.70	0.05	0.20	0.73
Structure				RDU_SM_613816	278.50	280.00	ASSAY	162.00		776.40	14.20	7.00	7.40	0.10	0.20	0.51
234.92	235.02	vein		RDU_SM_613817	280.00	281.50	ASSAY	134.00		2,344.50	16.10	5.00	6.60	0.20	0.50	0.44
		Comment: QZ VN		RDU_SM_613818	280.00	281.50	FieldDup	188.00		2,233.40	20.10	6.00	7.20	0.30	0.40	0.47
235.56	235.63	vein		RDU_SM_613819	281.50	283.00	ASSAY	33.00		421.20	13.40	16.00	9.20	4.60	0.20	0.40
		Comment: QZ-PY VN		RDU_SM_613820	283.00	284.50	ASSAY	162.00		745.50	23.30	82.00	12.10	0.90	0.40	0.42
235.85	235.89	vein		RDU_SM_613821	284.50	286.00	ASSAY	172.00		1,083.90	36.50	164.00	16.60	0.20	0.30	0.51
		Comment: QZ VN		RDU_SM_613822	286.00	287.47	ASSAY	20.00		149.70	12.60	31.00	11.00	0.20	0.30	0.31
236.13	236.14	vein 37 Deg to CA,		RDU_SM_613823	287.47	289.00	ASSAY	46.00		390.20	57.60	100.00	20.60	0.20	0.30	0.37
		Comment: QZ-CB VN														

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From	To	Lithology	Samples Details											
236.38	236.56	boudinage/boudins	RDU_SM_613824	289.00	290.50	ASSAY	646.00	205.40	20.80	46.00	14.40	0.60	0.20	0.50
		Comment: Boudin QZ VN	RDU_SM_613825	290.50	291.89	ASSAY	6.00	12.80	18.30	26.00	16.10	0.10	0.20	0.38
236.40	236.74	boudinage/boudins 60 Deg to CA,	RDU_SM_613826	291.89	293.39	ASSAY	37.00	79.60	19.40	31.00	22.60	0.40	0.20	0.50
		Comment: Boudin QZ VN	RDU_SM_613828	293.39	295.00	ASSAY	14.00	12.00	19.00	36.00	10.70	0.20	0.20	0.22
239.54	239.54	fracture 30 Deg to CA,												
243.08	244.00	vein 15 Deg to CA, Comment: Irregular QZ-PY VN												
248.60	248.71	vein 30 Deg to CA, Comment: QZ-PY-ASP-GL												
250.50	250.50	fracture												
252.15	252.17	vein Comment: Boudin QZ-GL? VN												
252.98	253.17	vein Comment: QZ-PY-GL												
273.44	273.49	vein 40 Deg to CA, Comment: QZ VN												
280.90	280.90	fracture												
281.18	281.18	fracture												
281.64	281.64	fracture												
281.71	281.72	vein Comment: QZ VN												
285.05	285.18	vein 30 Deg to CA, Comment: QZ-PY VN												
285.36	285.45	vein 35 Deg to CA, Comment: QZ-PY-SPH VN												
287.47	287.48	vein Comment: QZ PY VN												
289.00	289.47	foliation												
289.74	289.74	fracture												
290.10	290.13	vein Comment: QZ-PY VN												
290.46	290.46	fracture												

From		To	Lithology	Samples Details													
295.00	309.37	CBQS, Chlorite Biotite Quartz Schist		Minor Lithology	Sample #	From	To	Type	Au ppb	Ag ppb	As ppm	Pb ppm	Zn ppm	Cu ppm	Mo ppm	Sb ppm	S pct
Comments:			Same CBQS unit as above. Sericite slightly diminishing now downhole, becoming Chlorite rich at 295 m. Silicification strong, still in mineralized zone.														
INTERVALS DETAILS:					RDU_SM_613829	295.00	296.50	ASSAY	15.00		90.10	11.70	22.00	7.00	0.10	0.10	0.16
Colour					RDU_SM_613830	296.50	298.00	ASSAY	115.00		122.40	14.60	51.00	33.80	0.05	0.20	0.09
295.00	309.37	Dominant: 5 GY 3/2 Secondary: N 3			RDU_SM_613831	298.00	299.50	ASSAY	1.00		3.80	9.60	55.00	39.70	0.10	0.20	0.10
					RDU_SM_613832	299.50	300.90	ASSAY	1.00		2.60	9.10	34.00	7.30	0.05	0.10	0.08
					RDU_SM_613833	300.90	302.50	ASSAY	1.00		2.50	8.30	31.00	6.40	0.05	0.20	0.10
Mineral					RDU_SM_613834	302.50	304.00	ASSAY	27.00		57.60	11.50	28.00	6.10	0.20	0.10	0.09
295.00	309.37	0.3pyrite Medium-grained Subhedral Comment: Minor PY through-out rock			RDU_SM_613835	304.00	305.45	ASSAY	1.00		5.10	15.00	19.00	5.70	0.05	0.05	0.12
297.77	298.61	5 YR 2/1 biotite Coarse-grained Euhedral Comment: larger 0.2-0.8 cm Biotites			RDU_SM_613836	305.45	307.00	ASSAY	10.00		19.90	11.10	6.00	4.50	0.60	0.10	0.23
					RDU_SM_613838	307.00	308.00	ASSAY	14.00		22.50	33.10	156.00	6.90	0.05	0.10	0.32
307.27	307.40	0.1galena Fine-grained Subhedral Comment: Trace Galena occuring with SER bands and increased PY (1%)			RDU_SM_613839	308.00	309.37	ASSAY	54.00		267.30	19.30	50.00	4.50	0.10	0.20	0.24
Alteration																	
295.00	309.37	0-20% sericite Overprint Level: 2															
295.00	309.37	0-20% calcite Fracture-related Level: 3															
295.00	309.37	80-100% silica Pervasive Level: 1															
Structure																	
295.02	295.04	vein Comment: QZ-PY VN															
296.65	296.67	vein Comment: QZ-CB VN															
296.68	296.68	foliation															
296.73	296.77	vein Comment: QZ-CB VN															
297.08	297.17	vein Comment: QZ VN															
298.59	298.61	vein Comment: QZ VN															
298.61	298.61	foliation															
299.34	299.34	fracture															
300.34	300.60	vein Comment: Series of folioformed QZ VNs															
300.60	300.71	vein Comment: QZ VN															
301.13	301.19	vein Comment: QZ VN															
302.95	302.96	vein Comment: QZ-PY VN (fracture orientated)															

Click to expand Summary Log Report

From	To	Lithology	Samples Details
305.45	305.45	fracture	
308.00	308.25	vein Comment: QZ-PY-ASP VN	
308.87	308.88	vein Comment: QZ VN (Fracture orientated)	

Mineral Zones

From	To	Zone Length	Comments
201.78	203.73	1.95	3% PY, 2% ASP large as euhedral blebs
207.90	309.37	101.47	Increased mineralisation. PY-ASP-GL-SP in veins, occasionally trace disseminated GL,ASP,SP.
134.35	143.45	9.10	Spec. Hemetite, with ASP and PY occuring in QZ-CB veins

Mag Susc

Depth	Mag_susc	Mag_Susc_Rock	Comments

RQD							
From	To	RQD Length	Core Rec	Width Core x2 5	RQD PCT	TCR PCT	Comments
183.49	187.45	3.96	2.40			60.61	Core loss
199.64	201.78	2.14	2.13			99.53	
193.55	196.60	3.05	3.05			100.00	
178.92	181.05	2.13	2.13			100.00	
176.78	178.92	2.14	2.14			100.00	Missed a tag at 587' 178.92 m
170.69	173.74	3.05	3.05			100.00	
167.64	170.69	3.05	3.05			100.00	
164.59	167.64	3.05	3.05			100.00	
161.54	164.59	3.05	3.05			100.00	
158.50	161.54	3.04	3.05			100.33	
155.45	158.50	3.05	3.05			100.00	
152.40	155.45	3.05	3.05			100.00	
150.88	152.40	1.52	1.52			100.00	
148.13	150.88	2.75	2.75			100.00	
280.42	283.46	3.04	3.04			100.00	
274.32	277.37	3.05	2.95			96.72	Core length slightly short
268.22	271.27	3.05	3.05			100.00	
262.13	265.18	3.05	3.05			100.00	
256.03	259.08	3.05	3.05			100.00	
250.85	252.98	2.13	2.00			93.90	
246.58	247.80	1.22	1.10			90.16	Small core loss
240.79	243.23	2.44	2.46			100.82	
234.70	237.74	3.04	3.04			100.00	
228.60	231.65	3.05	3.05			100.00	
224.03	226.47	2.44	2.44			100.00	
220.37	221.59	1.22	1.22			100.00	
217.93	219.15	1.22	1.22			100.00	
213.36	216.41	3.05	3.05			100.00	
209.09	210.62	1.53	1.52			99.35	
204.22	207.26	3.04	3.05			100.33	
231.65	234.70	3.05	3.05			100.00	
226.47	228.60	2.13	2.13			100.00	
221.59	224.03	2.44	2.44			100.00	
219.15	220.37	1.22	1.17			95.90	
216.41	217.93	1.52	1.52			100.00	
210.62	213.36	2.74	2.58			94.16	
207.26	209.09	1.83	1.83			100.00	
201.78	204.22	2.44	2.44			100.00	

Click to expand Summary Log Report

196.60	199.64	3.04	3.05	100.33	
190.50	193.55	3.05	3.05	100.00	
187.45	190.20	2.75	2.75	100.00	
181.05	183.49	2.44	2.00	81.97	
190.20	190.50	0.30	0.27	90.00	
303.28	306.32	3.04	3.05	100.33	
297.18	300.23	3.05	3.05	100.00	
291.08	294.13	3.05	3.05	100.00	
286.51	288.04	1.53	1.52	99.35	
306.32	309.37	3.05	3.05	100.00	EOH
300.23	303.28	3.05	3.05	100.00	
294.13	297.18	3.05	3.05	100.00	
288.04	291.08	3.04	3.04	100.00	
283.46	286.51	3.05	3.05	100.00	
277.37	280.42	3.05	2.85	93.44	Core length slightly short
271.27	274.32	3.05	3.05	100.00	
265.18	268.22	3.04	3.04	100.00	
259.08	262.13	3.05	3.05	100.00	
252.98	256.03	3.05	3.05	100.00	
247.80	250.85	3.05	3.05	100.00	
243.23	246.58	3.35	3.10	92.54	Small core loss
237.74	240.79	3.05	3.05	100.00	
173.74	176.78	3.04	3.04	100.00	
146.30	148.13	1.83	1.83	100.00	
143.26	146.30	3.04	3.04	100.00	
140.21	143.26	3.05	3.05	100.00	
137.16	140.21	3.05	3.05	100.00	
134.11	137.16	3.05	3.05	100.00	
131.06	134.11	3.05	3.05	100.00	
128.02	131.06	3.04	3.05	100.33	
121.92	128.02	6.10	6.10	100.00	
118.87	121.92	3.05	3.05	100.00	
116.13	118.87	2.74	2.74	100.00	
114.30	116.13	1.83	1.50	81.97	116.13 m misplaced tag
113.08	114.30	1.22	1.05	86.07	
110.95	113.08	2.13	2.13	100.00	
108.51	110.95	2.44	2.10	86.07	Core loss
106.07	108.51	2.44	2.44	100.00	
103.63	106.07	2.44	2.44	100.00	
100.58	103.63	3.05	2.90	95.08	
97.54	100.58	3.04	3.04	100.00	

[Click to expand](#) [Summary Log Report](#)

94.49	97.54	3.05	3.05	100.00	
92.35	94.49	2.14	2.03	94.86	Core loss
91.14	92.35	1.21	1.17	96.69	
88.39	91.14	2.75	2.75	100.00	
85.34	88.39	3.05	3.05	100.00	
82.30	85.34	3.04	3.01	99.01	
79.25	82.30	3.05	3.05	100.00	
76.20	79.25	3.05	3.05	100.00	
73.15	76.20	3.05	3.05	100.00	
70.10	73.15	3.05	3.05	100.00	
67.06	70.10	3.04	3.05	100.33	
64.01	67.06	3.05	3.05	100.00	
60.96	64.01	3.05	3.05	100.00	
57.61	60.96	3.35	3.35	100.00	
54.86	57.61	2.75	2.75	100.00	
53.95	54.86	0.91	0.30	32.97	Core loss
51.82	53.95	2.13	2.13	100.00	
48.77	51.82	3.05	3.05	100.00	
45.72	48.77	3.05	3.05	100.00	
42.67	45.72	3.05	3.05	100.00	
39.62	42.67	3.05	3.05	100.00	
36.27	39.62	3.35	3.10	92.54	
33.53	36.27	2.74	1.60	58.39	Core loss
30.48	33.53	3.05	3.05	100.00	
27.43	30.48	3.05	3.05	100.00	
24.38	27.43	3.05	3.05	100.00	
21.34	24.38	3.04	2.98	98.03	
18.29	21.34	3.05	3.05	100.00	
15.24	18.29	3.05	3.05	100.00	
12.19	15.24	3.05	3.05	100.00	
9.14	12.19	3.05	3.05	100.00	
7.62	9.14	1.52	2.00	131.58	9.14 m misplaced tag

Down Hole Survey			
Depth	Azimuth	Dip	Survey type
60.96	120.17	-61.60	RF
121.92	124.07	-62.90	RF
182.88	127.57	-63.80	RF
243.84	131.47	-66.20	RF
298.70	135.77	-66.70	RF

APPENDIX D

Analytical Certificates



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Radius Gold Inc.**
830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: September 07, 2011
Report Date: November 14, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS

WHI11001580.1

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-23
P.O. Number: NA-11330
Number of Samples: 259

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	251	Crush, split and pulverize 250 g rock to 200 mesh			SMI
3B01	259	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	259	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client:

Radius Gold Inc.

830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Project:

Sixty Mile

Report Date:

November 14, 2011

Page:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001580.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611302	Drill Core	4.16	8	37.4	3.1	3.0	19	0.1	8.0	11.9	98	2.18	9.6	6.4	4.0	14	<0.1	0.4	0.4	<2
611303	Drill Core	4.29	<2	21.5	2.5	1.8	51	<0.1	10.0	15.8	16	1.58	3.4	<0.5	4.1	35	0.4	0.3	0.2	<2
611304	Drill Core	4.12	2	87.1	2.2	1.7	18	<0.1	7.6	12.0	13	2.16	3.0	1.6	2.9	20	0.2	0.2	0.3	<2
611305	Drill Core	4.43	7	140.3	3.0	3.3	12	0.1	5.2	10.0	19	2.77	9.5	6.5	3.3	20	0.2	0.3	0.6	<2
611306	Drill Core	4.07	5	64.6	4.5	2.7	13	0.1	8.1	15.5	10	2.17	8.7	5.2	5.5	28	<0.1	0.3	0.6	<2
611307	Rock Pulp	0.04	2335	23.9	13.5	13.5	33	0.3	20.8	2.1	15	0.84	104.0	2041	3.5	83	0.3	80.6	0.1	56
611308	Drill Core	5.26	5	57.5	3.3	2.4	15	<0.1	6.2	11.2	16	1.89	3.5	<0.5	4.1	39	0.3	0.3	0.4	<2
611309	Drill Core	4.00	8	38.9	7.7	2.2	19	<0.1	5.0	12.8	16	2.20	4.9	12.6	3.1	41	0.2	0.7	0.3	<2
611310	Drill Core	4.11	5	52.6	4.4	2.0	11	<0.1	6.1	10.1	11	2.00	3.1	4.3	4.6	9	0.2	0.3	0.6	<2
611311	Drill Core	4.51	4	8.6	3.1	2.8	19	<0.1	4.1	10.3	17	1.91	1.7	2.5	3.2	11	<0.1	0.4	0.4	<2
611312	Drill Core	4.43	<2	8.5	3.5	2.9	12	<0.1	4.3	11.0	11	2.02	5.8	2.5	4.2	14	<0.1	0.5	0.3	<2
611313	Drill Core	4.45	4	54.5	3.2	3.0	8	<0.1	4.0	8.7	57	1.85	9.5	1.4	3.2	8	0.1	0.6	0.4	<2
611314	Drill Core	3.86	<2	77.9	3.3	1.7	10	<0.1	6.5	5.1	15	1.45	1.2	1.1	4.2	4	<0.1	0.1	0.3	<2
611315	Drill Core	3.80	3	55.5	3.9	1.9	15	<0.1	5.5	6.4	18	1.19	5.3	1.1	3.6	33	0.2	0.3	0.2	<2
611316	Drill Core	3.57	<2	123.1	6.5	2.1	15	<0.1	6.4	5.7	14	1.51	5.7	<0.5	3.6	38	0.3	0.5	0.2	<2
611317	Rock	2.32	3	0.5	1.5	2.8	47	<0.1	4.0	4.2	568	1.88	<0.5	<0.5	5.5	63	<0.1	<0.1	<0.1	36
611318	Drill Core	4.72	<2	98.3	4.3	2.2	24	<0.1	9.1	8.8	15	1.55	9.1	1.5	3.1	32	0.2	1.0	0.2	<2
611319	Drill Core	4.10	2	68.4	2.6	2.0	10	<0.1	8.5	7.4	13	1.56	7.5	2.2	6.6	27	0.2	0.4	0.2	3
611320	Drill Core	4.19	4	69.9	2.9	1.7	9	<0.1	9.2	6.8	13	1.57	4.6	0.9	6.0	15	<0.1	0.3	0.2	3
611321	Drill Core	4.37	5	76.4	4.5	2.9	18	<0.1	6.5	6.3	13	1.82	8.7	0.7	5.2	33	0.1	0.9	0.3	3
611322	Drill Core	3.74	6	50.1	3.0	3.3	15	<0.1	7.5	7.9	12	2.43	17.7	0.6	5.2	22	0.2	1.2	0.6	2
611323	Drill Core	3.82	4	146.2	3.2	3.1	10	<0.1	7.2	7.5	13	1.85	8.4	0.7	3.2	11	0.2	0.7	0.2	<2
611324	Drill Core	4.69	5	30.5	2.2	2.5	8	<0.1	3.7	5.2	11	1.99	5.1	<0.5	6.0	4	<0.1	0.3	0.3	<2
611325	Drill Core	4.46	4	78.4	8.8	7.7	28	<0.1	3.9	4.8	316	1.75	4.7	5.4	3.5	5	0.2	1.3	0.4	<2
611326	Drill Core	2.24	3	48.5	25.2	5.1	20	<0.1	3.8	3.9	174	1.30	6.9	<0.5	3.2	5	<0.1	4.0	0.2	<2
611327	Drill Core	2.31	3	54.3	22.9	5.3	17	<0.1	3.7	3.9	163	1.28	5.8	<0.5	3.5	5	<0.1	3.2	0.2	<2
611328	Drill Core	4.72	<2	99.3	12.6	3.9	23	<0.1	4.6	6.4	13	1.56	4.5	<0.5	3.4	13	<0.1	1.7	0.3	<2
611329	Drill Core	4.98	2	62.6	6.0	3.8	9	<0.1	10.3	10.6	109	2.14	4.4	<0.5	3.9	4	<0.1	0.5	0.3	<2
611330	Drill Core	4.28	3	47.6	7.1	4.0	17	<0.1	7.4	6.9	15	1.79	1.4	0.7	4.5	3	<0.1	0.6	0.3	<2
611331	Drill Core	4.34	<2	37.3	12.9	4.4	18	<0.1	8.9	7.0	179	2.04	2.4	<0.5	4.1	9	0.1	1.0	0.4	<2



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Project:

Sixty Mile

Report Date:

November 14, 2011

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Part 2

CERTIFICATE OF ANALYSIS

WHI11001580.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611302	Drill Core	0.009	5	5	0.01	57	<0.001	<20	0.31	0.006	0.19	0.2	<0.01	0.2	0.1	2.37	<1	2.2
611303	Drill Core	0.011	6	<1	0.01	68	<0.001	<20	0.31	0.006	0.20	0.2	<0.01	0.2	<0.1	1.74	<1	1.2
611304	Drill Core	0.005	4	5	0.01	40	<0.001	<20	0.26	0.006	0.19	0.2	<0.01	<0.1	<0.1	2.49	<1	1.5
611305	Drill Core	0.004	8	2	0.01	41	<0.001	<20	0.26	0.006	0.20	0.3	<0.01	0.2	<0.1	3.21	<1	1.9
611306	Drill Core	0.007	12	5	0.01	48	<0.001	<20	0.30	0.006	0.22	0.2	0.01	0.1	<0.1	2.52	<1	1.9
611307	Rock Pulp	0.021	14	26	0.03	2608	0.001	<20	0.26	0.004	0.10	10.2	1.65	1.1	2.2	0.10	1	0.8
611308	Drill Core	0.007	4	<1	0.01	63	<0.001	<20	0.29	0.005	0.19	0.3	<0.01	0.3	0.1	2.16	<1	1.8
611309	Drill Core	0.006	3	6	0.01	95	<0.001	<20	0.28	0.005	0.19	0.2	0.02	<0.1	0.1	2.49	<1	1.8
611310	Drill Core	0.003	8	<1	<0.01	49	<0.001	<20	0.23	0.005	0.20	0.2	<0.01	0.2	0.1	2.33	<1	1.1
611311	Drill Core	0.002	4	9	0.01	40	<0.001	<20	0.25	0.005	0.17	0.2	0.01	0.2	<0.1	2.15	<1	1.8
611312	Drill Core	0.003	6	<1	<0.01	30	<0.001	<20	0.22	0.004	0.16	0.1	0.04	0.2	0.1	2.31	<1	1.3
611313	Drill Core	0.003	4	6	<0.01	32	<0.001	<20	0.22	0.004	0.15	0.2	0.05	0.2	0.2	1.99	<1	1.1
611314	Drill Core	0.005	5	<1	<0.01	34	<0.001	<20	0.26	0.006	0.17	0.2	0.01	0.2	<0.1	1.57	<1	1.7
611315	Drill Core	0.008	5	9	<0.01	86	<0.001	<20	0.31	0.006	0.16	0.2	<0.01	0.2	<0.1	1.26	<1	1.4
611316	Drill Core	0.009	4	<1	<0.01	159	<0.001	<20	0.37	0.004	0.14	0.1	0.02	0.3	0.1	1.71	<1	1.1
611317	Rock	0.071	9	10	0.57	195	0.128	<20	1.15	0.139	0.54	<0.1	<0.01	1.8	0.3	<0.05	5	0.5
611318	Drill Core	0.010	4	1	<0.01	111	<0.001	<20	0.35	0.004	0.13	0.3	0.03	0.3	0.2	1.70	<1	1.5
611319	Drill Core	0.010	12	7	0.01	150	<0.001	<20	0.46	0.006	0.22	0.2	0.01	0.2	0.1	1.75	<1	0.6
611320	Drill Core	0.007	10	1	<0.01	103	<0.001	<20	0.45	0.005	0.20	0.3	<0.01	0.4	<0.1	1.75	<1	1.3
611321	Drill Core	0.010	7	6	<0.01	62	<0.001	<20	0.57	0.006	0.22	0.4	0.03	0.3	0.2	2.06	<1	1.0
611322	Drill Core	0.007	4	<1	<0.01	62	<0.001	<20	0.44	0.005	0.17	0.4	0.05	0.3	0.3	2.77	<1	1.8
611323	Drill Core	0.004	5	6	<0.01	89	<0.001	<20	0.25	0.005	0.17	0.3	0.02	0.2	0.2	2.05	<1	1.3
611324	Drill Core	0.002	9	<1	<0.01	53	<0.001	<20	0.22	0.005	0.18	0.2	<0.01	0.1	<0.1	2.27	<1	1.6
611325	Drill Core	0.002	5	6	<0.01	42	<0.001	<20	0.23	0.004	0.16	0.2	0.02	<0.1	<0.1	1.64	<1	1.1
611326	Drill Core	0.004	6	1	<0.01	61	<0.001	<20	0.21	0.004	0.14	0.2	0.05	<0.1	<0.1	1.25	<1	1.2
611327	Drill Core	0.004	6	5	<0.01	38	<0.001	<20	0.27	0.005	0.17	0.2	0.04	0.2	<0.1	1.23	<1	<0.5
611328	Drill Core	0.004	5	<1	<0.01	43	<0.001	<20	0.28	0.004	0.16	0.2	0.01	0.1	0.1	1.74	<1	1.1
611329	Drill Core	0.003	6	6	0.01	40	<0.001	<20	0.24	0.005	0.18	0.2	0.03	<0.1	0.1	2.31	<1	1.2
611330	Drill Core	0.006	8	<1	<0.01	44	<0.001	<20	0.22	0.005	0.18	0.3	<0.01	0.2	<0.1	2.00	<1	1.3
611331	Drill Core	0.005	11	7	0.01	69	<0.001	<20	0.32	0.005	0.20	0.4	0.02	0.2	<0.1	2.06	<1	2.0



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611332	Drill Core	4.19	<2	118.8	11.4	4.6	23	<0.1	2.7	6.9	158	1.63	2.1	<0.5	3.4	5	0.3	1.3	0.3	<2
611333	Drill Core	4.28	2	72.2	40.4	5.7	16	<0.1	9.8	13.3	24	2.53	7.8	0.8	3.8	7	0.1	3.3	0.5	<2
611334	Drill Core	4.84	2	44.8	5.2	3.2	8	<0.1	8.6	15.4	43	2.02	1.6	<0.5	4.4	3	0.2	0.3	0.3	<2
611335	Drill Core	4.93	<2	55.2	6.3	2.0	7	<0.1	5.0	12.0	16	1.88	1.4	2.9	3.9	5	<0.1	0.2	0.4	<2
611336	Drill Core	4.19	6	68.4	4.7	2.2	7	<0.1	4.8	8.8	19	2.09	3.1	78.6	4.3	9	<0.1	0.3	0.4	<2
611337	Rock Pulp	0.03	2272	21.8	13.3	16.1	35	0.3	17.7	2.5	16	0.83	100.8	1821	3.7	99	0.3	57.2	0.1	60
611338	Drill Core	4.72	5	34.6	5.3	3.7	15	<0.1	4.7	8.6	18	1.86	4.4	4.5	4.5	14	<0.1	0.1	0.8	2
611339	Drill Core	4.22	3	51.8	5.5	3.5	16	<0.1	5.1	6.9	16	1.54	1.9	0.6	3.5	6	<0.1	0.1	0.2	<2
611340	Drill Core	3.96	3	73.2	7.8	2.6	10	<0.1	9.5	9.0	13	1.85	3.1	1.7	6.9	25	0.1	0.2	0.4	3
611341	Drill Core	5.58	2	106.5	3.6	12.7	29	0.2	4.8	7.8	17	3.32	5.3	1.8	4.3	8	0.2	0.3	0.6	<2
611342	Drill Core	4.81	17	40.5	5.4	19.3	25	0.6	5.2	10.0	15	3.75	16.0	22.6	4.4	12	0.1	0.3	1.0	2
611343	Drill Core	4.98	4	20.4	3.3	3.0	14	<0.1	7.2	12.4	17	2.41	7.0	2.4	3.6	13	<0.1	0.2	0.4	<2
611344	Drill Core	4.54	2	21.7	5.1	3.1	6	<0.1	7.5	10.8	17	2.02	11.7	<0.5	3.6	13	<0.1	0.4	0.3	<2
611345	Drill Core	4.48	<2	37.7	15.3	14.2	22	0.2	5.4	6.0	84	2.01	2.8	1.1	3.9	8	0.1	1.4	0.5	<2
611346	Drill Core	4.61	<2	119.4	16.9	4.3	9	<0.1	6.2	11.4	17	2.67	1.5	1.9	3.5	11	0.2	0.5	0.4	2
611347	Rock	0.63	<2	<0.1	1.6	3.0	48	<0.1	3.9	4.4	569	2.03	<0.5	<0.5	4.8	67	<0.1	<0.1	<0.1	35
611348	Drill Core	4.47	3	51.5	21.1	5.0	8	<0.1	5.6	14.6	15	2.87	3.5	2.1	2.7	5	<0.1	0.8	0.5	<2
611349	Drill Core	4.53	<2	38.6	8.5	3.1	13	<0.1	5.8	7.8	17	1.99	3.9	0.5	3.9	8	<0.1	0.5	0.7	2
611350	Drill Core	4.79	<2	49.3	4.4	3.1	8	<0.1	4.1	4.4	16	1.70	2.9	<0.5	3.3	6	<0.1	0.2	0.4	<2
611351	Drill Core	4.77	<2	62.1	6.2	2.3	8	<0.1	4.6	8.0	18	1.86	2.3	<0.5	3.4	5	<0.1	0.2	0.2	<2
611352	Drill Core	4.48	<2	28.1	4.9	4.8	22	<0.1	3.9	7.2	14	2.69	3.6	1.6	3.5	33	0.2	0.4	0.3	<2
611353	Drill Core	4.91	<2	39.2	7.9	5.5	28	<0.1	12.6	15.0	22	2.59	16.2	2.3	3.9	21	0.2	1.0	0.3	2
611354	Drill Core	5.31	4	34.5	19.1	34.7	230	0.3	7.3	7.5	18	4.49	6.6	1.0	3.2	21	1.0	0.9	1.3	2
611355	Drill Core	4.21	<2	2.3	24.7	10.7	75	2.2	4.5	17.1	1210	4.21	1.3	<0.5	2.1	44	0.1	0.2	<0.1	117
611356	Drill Core	2.82	<2	1.5	12.5	8.7	51	0.2	2.3	12.5	1154	3.99	1.1	<0.5	3.2	71	0.1	<0.1	<0.1	114
611357	Drill Core	3.90	<2	1.1	12.5	8.2	60	<0.1	2.2	12.6	1113	4.17	0.6	<0.5	2.6	88	<0.1	<0.1	<0.1	112
611358	Drill Core	2.56	<2	1.1	10.2	6.3	60	<0.1	1.9	14.0	1140	4.23	0.6	<0.5	2.4	85	<0.1	<0.1	<0.1	104
611359	Drill Core	2.94	<2	1.7	10.3	6.3	64	0.3	2.8	13.8	1158	4.54	0.9	<0.5	2.4	46	<0.1	<0.1	<0.1	122
611360	Drill Core	3.53	4	1.5	13.8	7.6	51	0.2	4.3	14.3	748	3.88	1.4	<0.5	2.9	38	<0.1	0.2	<0.1	130
611361	Drill Core	3.57	2	1.5	13.7	7.5	45	<0.1	2.6	14.0	583	3.78	2.7	1.1	3.0	42	0.1	0.3	<0.1	138



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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611332	Drill Core	0.002	6	<1	<0.01	56	<0.001	<20	0.20	0.005	0.15	0.2	0.02	0.3	<0.1	1.63	<1	1.2
611333	Drill Core	0.006	6	7	<0.01	44	<0.001	<20	0.27	0.006	0.19	0.2	0.03	0.2	<0.1	2.86	<1	2.3
611334	Drill Core	0.005	8	<1	<0.01	41	<0.001	<20	0.21	0.004	0.17	0.2	<0.01	0.2	<0.1	2.29	<1	1.8
611335	Drill Core	0.006	6	11	0.01	64	<0.001	<20	0.29	0.005	0.20	0.3	<0.01	<0.1	<0.1	2.06	<1	0.9
611336	Drill Core	0.006	7	<1	<0.01	66	<0.001	<20	0.28	0.006	0.19	0.3	<0.01	<0.1	<0.1	2.30	<1	1.1
611337	Rock Pulp	0.024	15	25	0.04	3353	<0.001	<20	0.34	0.004	0.12	7.3	1.44	1.2	2.5	0.13	1	<0.5
611338	Drill Core	0.006	8	9	0.02	66	<0.001	<20	0.41	0.007	0.24	0.3	<0.01	0.2	<0.1	2.02	<1	0.6
611339	Drill Core	0.004	8	1	<0.01	48	<0.001	<20	0.29	0.005	0.19	0.2	<0.01	<0.1	<0.1	1.66	<1	<0.5
611340	Drill Core	0.007	13	7	0.02	84	0.001	<20	0.41	0.005	0.26	0.3	<0.01	0.3	0.1	2.03	<1	0.7
611341	Drill Core	0.002	7	1	0.01	63	0.001	<20	0.30	0.005	0.21	0.3	0.01	0.1	0.1	3.76	<1	1.7
611342	Drill Core	0.004	6	9	0.01	50	0.001	<20	0.32	0.006	0.22	0.4	<0.01	0.3	<0.1	4.29	<1	0.9
611343	Drill Core	0.005	7	<1	0.01	66	<0.001	<20	0.32	0.006	0.20	0.3	0.02	0.1	0.1	2.66	<1	1.0
611344	Drill Core	0.006	9	10	0.01	67	<0.001	<20	0.36	0.006	0.21	0.2	<0.01	0.2	0.2	2.20	<1	1.1
611345	Drill Core	0.005	10	1	0.02	60	<0.001	<20	0.38	0.005	0.20	0.2	0.01	0.2	<0.1	2.08	<1	1.3
611346	Drill Core	0.005	8	8	0.01	48	<0.001	<20	0.40	0.006	0.19	0.3	0.02	0.2	<0.1	3.03	<1	0.9
611347	Rock	0.075	10	6	0.60	220	0.123	<20	1.17	0.100	0.52	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5
611348	Drill Core	0.003	6	7	0.02	34	<0.001	<20	0.35	0.005	0.18	0.2	0.02	0.1	<0.1	3.23	<1	1.3
611349	Drill Core	0.005	11	2	0.02	67	<0.001	<20	0.42	0.006	0.21	0.2	<0.01	0.2	0.1	2.14	<1	0.8
611350	Drill Core	0.004	7	1	0.01	43	<0.001	<20	0.31	0.005	0.20	0.2	<0.01	0.2	<0.1	1.86	<1	0.7
611351	Drill Core	0.006	9	1	0.02	57	<0.001	<20	0.34	0.006	0.22	0.2	<0.01	0.2	<0.1	1.98	<1	0.7
611352	Drill Core	0.006	7	8	<0.01	52	<0.001	<20	0.29	0.006	0.17	0.2	0.01	0.1	<0.1	3.06	<1	0.7
611353	Drill Core	0.009	13	1	0.02	72	0.001	<20	0.40	0.007	0.21	0.3	0.04	0.3	0.3	2.88	<1	1.3
611354	Drill Core	0.009	4	8	0.01	45	<0.001	<20	0.42	0.006	0.20	0.4	0.04	0.2	0.2	5.28	<1	1.6
611355	Drill Core	0.201	28	12	0.38	483	0.006	<20	1.19	0.002	0.10	4.0	0.03	10.9	<0.1	<0.05	5	<0.5
611356	Drill Core	0.220	24	<1	0.54	57	0.003	<20	1.30	0.002	0.11	1.0	<0.01	11.9	<0.1	<0.05	6	0.6
611357	Drill Core	0.209	20	12	0.75	997	0.003	<20	1.71	0.003	0.10	0.3	<0.01	11.3	<0.1	<0.05	7	<0.5
611358	Drill Core	0.211	21	12	0.68	99	0.002	<20	1.37	0.004	0.10	0.5	0.02	11.5	<0.1	<0.05	5	<0.5
611359	Drill Core	0.203	24	12	0.44	49	0.006	<20	1.10	0.004	0.10	1.7	<0.01	12.6	<0.1	<0.05	4	0.7
611360	Drill Core	0.219	23	13	0.27	30	0.008	<20	1.04	0.001	0.09	1.5	0.04	12.9	<0.1	<0.05	4	1.2
611361	Drill Core	0.225	21	13	0.26	27	0.012	<20	1.26	<0.001	0.10	1.7	0.02	12.2	<0.1	<0.05	5	<0.5



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611362	Drill Core	3.50	3	1.0	12.7	5.8	46	<0.1	1.8	10.9	1146	3.74	0.9	<0.5	2.4	80	<0.1	<0.1	<0.1	118
611363	Drill Core	4.08	5	1.2	8.7	3.4	68	<0.1	2.0	12.6	1022	3.61	0.5	0.8	2.0	97	<0.1	<0.1	<0.1	101
611364	Drill Core	4.24	<2	1.4	9.4	3.6	62	<0.1	1.9	12.8	931	3.81	1.1	<0.5	2.3	95	<0.1	<0.1	<0.1	102
611365	Rock Pulp	0.03	2436	21.5	15.2	15.7	38	0.3	20.2	2.6	16	0.86	110.0	2213	3.6	99	0.3	24.8	0.1	60
611366	Drill Core	4.40	4	1.2	9.0	3.5	67	<0.1	2.2	13.9	840	3.87	1.1	0.5	2.1	78	<0.1	<0.1	<0.1	108
611367	Drill Core	2.09	<2	1.3	15.2	4.9	66	<0.1	2.4	13.2	979	3.86	1.3	<0.5	2.0	84	0.1	<0.1	<0.1	108
611368	Drill Core	3.26	<2	2.0	12.7	4.9	65	0.1	2.2	13.1	1066	3.76	<0.5	<0.5	1.9	89	0.2	<0.1	<0.1	105
611369	Drill Core	4.38	<2	2.5	8.1	3.6	77	<0.1	2.3	18.6	990	4.03	0.9	<0.5	1.8	82	<0.1	<0.1	<0.1	109
611370	Drill Core	4.80	18	2.6	9.7	6.6	77	<0.1	2.5	15.8	1128	4.00	1.1	3.8	2.1	58	0.4	0.3	<0.1	102
611371	Drill Core	4.37	<2	2.4	8.7	10.6	86	<0.1	2.2	12.5	1276	4.28	1.3	2.4	2.4	27	0.2	1.0	<0.1	114
611372	Drill Core	4.87	<2	1.8	7.6	15.4	103	0.1	3.4	11.6	1133	3.40	11.4	2.0	2.2	33	0.7	0.8	<0.1	94
611373	Drill Core	4.63	2	0.5	1.6	6.9	94	<0.1	2.6	9.9	1151	3.63	1.3	1.7	1.4	36	0.3	0.7	0.1	78
611374	Drill Core	4.76	10	0.3	5.3	6.8	79	<0.1	2.9	11.5	1240	3.91	1.2	1.1	1.5	28	<0.1	0.8	0.1	76
611375	Rock	0.71	2	<0.1	1.2	2.5	45	<0.1	3.3	3.9	515	1.80	<0.5	1.2	4.4	66	<0.1	<0.1	<0.1	33
611376	Drill Core	4.68	<2	0.3	7.0	8.9	80	<0.1	2.9	10.4	1154	3.67	1.0	<0.5	1.3	30	0.2	0.7	<0.1	75
611377	Drill Core	3.88	<2	0.4	8.4	14.1	79	0.1	3.5	9.0	262	2.78	1.5	<0.5	1.5	30	0.2	0.9	<0.1	86
611378	Drill Core	4.90	<2	0.3	7.4	10.0	77	<0.1	2.7	10.7	1435	3.56	1.2	1.4	1.4	37	0.2	0.7	<0.1	71
611379	Drill Core	4.69	<2	0.4	7.8	10.3	62	<0.1	2.6	10.9	1141	3.31	1.7	1.5	1.5	45	0.2	0.8	<0.1	72
611380	Drill Core	4.41	2	0.5	7.3	9.6	59	<0.1	2.7	9.0	1073	3.32	1.4	1.1	2.2	44	0.2	0.9	<0.1	79
611381	Drill Core	4.06	<2	0.6	6.8	10.0	65	<0.1	2.9	12.8	1351	3.49	1.9	0.8	1.5	95	0.1	0.1	<0.1	66
611382	Drill Core	4.59	<2	0.5	5.2	12.7	70	<0.1	2.5	9.9	1053	3.13	0.7	<0.5	1.4	120	0.1	0.1	<0.1	58
611383	Drill Core	4.55	<2	0.5	5.0	11.8	62	<0.1	2.2	10.5	999	3.29	1.0	1.5	1.3	133	0.1	<0.1	<0.1	59
611384	Drill Core	4.52	<2	0.2	5.2	10.2	57	<0.1	1.8	9.3	1139	3.24	0.7	0.5	1.3	132	0.2	<0.1	<0.1	60
611385	Drill Core	4.29	<2	0.4	7.3	8.5	46	<0.1	1.9	9.0	1086	3.02	0.9	0.6	1.5	116	0.2	<0.1	<0.1	60
611386	Drill Core	2.66	4	0.3	8.3	8.7	50	<0.1	1.6	7.8	883	2.94	0.9	<0.5	1.5	132	0.1	<0.1	<0.1	63
611387	Drill Core	2.64	<2	0.3	8.1	8.6	47	<0.1	1.8	7.8	894	2.95	1.0	0.5	1.5	127	0.1	<0.1	<0.1	62
611388	Drill Core	5.47	<2	0.6	9.1	7.6	55	<0.1	2.1	9.7	948	3.11	2.8	1.1	1.4	128	0.2	<0.1	<0.1	64
611389	Drill Core	4.23	<2	0.4	8.2	6.1	57	0.1	2.4	9.9	1039	3.40	0.9	<0.5	1.5	124	0.1	<0.1	<0.1	66
611390	Drill Core	4.61	<2	0.3	6.5	4.9	60	<0.1	2.1	9.7	1027	3.29	1.2	<0.5	1.3	141	0.1	<0.1	<0.1	64
611391	Drill Core	4.78	3	0.5	4.8	6.7	55	<0.1	2.0	9.1	882	3.24	0.8	<0.5	1.2	136	0.1	<0.1	<0.1	58



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611362	Drill Core	0.212	24	13	0.60	31	0.006	<20	1.45	0.005	0.09	0.8	<0.01	11.7	<0.1	<0.05	7	<0.5
611363	Drill Core	0.171	23	11	1.21	98	0.014	<20	1.44	0.035	0.09	<0.1	<0.01	10.6	<0.1	<0.05	8	<0.5
611364	Drill Core	0.184	22	12	1.40	108	0.012	<20	1.49	0.031	0.09	<0.1	<0.01	10.6	<0.1	<0.05	8	<0.5
611365	Rock Pulp	0.024	16	26	0.04	3080	<0.001	<20	0.36	0.004	0.12	5.5	1.55	1.1	2.6	0.11	2	0.6
611366	Drill Core	0.183	21	13	1.70	99	0.015	<20	1.66	0.041	0.10	<0.1	<0.01	10.0	<0.1	<0.05	9	<0.5
611367	Drill Core	0.177	22	12	1.62	136	0.014	<20	1.64	0.036	0.09	<0.1	<0.01	9.5	<0.1	<0.05	9	<0.5
611368	Drill Core	0.182	22	12	1.57	250	0.009	<20	1.70	0.029	0.09	<0.1	<0.01	9.9	<0.1	<0.05	9	<0.5
611369	Drill Core	0.180	22	12	1.34	540	0.017	<20	1.77	0.027	0.07	<0.1	<0.01	8.9	<0.1	<0.05	9	<0.5
611370	Drill Core	0.206	25	11	0.83	627	0.012	<20	1.27	0.009	0.07	1.8	0.03	8.9	<0.1	<0.05	6	<0.5
611371	Drill Core	0.208	26	11	0.25	310	0.019	<20	0.86	<0.001	0.06	15.1	0.03	10.4	<0.1	<0.05	3	<0.5
611372	Drill Core	0.176	19	8	0.20	1757	0.010	<20	0.89	<0.001	0.06	5.5	0.15	9.7	0.1	0.11	3	<0.5
611373	Drill Core	0.160	14	9	0.26	3178	0.009	<20	0.74	<0.001	0.06	3.3	0.05	8.0	<0.1	0.07	2	<0.5
611374	Drill Core	0.156	22	9	0.38	665	0.006	<20	0.86	<0.001	0.10	5.0	0.02	6.9	<0.1	<0.05	3	<0.5
611375	Rock	0.073	8	7	0.56	220	0.110	<20	0.97	0.058	0.44	0.3	<0.01	1.7	0.2	<0.05	4	<0.5
611376	Drill Core	0.157	25	8	0.45	260	0.006	<20	0.79	<0.001	0.08	5.4	0.02	6.7	<0.1	<0.05	2	<0.5
611377	Drill Core	0.176	24	8	0.08	363	0.005	<20	0.79	<0.001	0.05	8.9	0.05	8.1	0.1	<0.05	2	<0.5
611378	Drill Core	0.165	25	8	0.51	1154	0.006	<20	0.86	<0.001	0.09	5.4	0.06	6.0	0.1	0.05	3	<0.5
611379	Drill Core	0.174	25	8	0.59	1065	0.004	<20	0.85	<0.001	0.11	6.6	0.08	6.5	0.1	0.06	3	<0.5
611380	Drill Core	0.184	28	9	0.59	1185	0.004	<20	0.83	0.001	0.09	4.5	0.01	8.4	<0.1	<0.05	3	<0.5
611381	Drill Core	0.183	24	9	1.08	147	0.002	<20	1.23	0.005	0.10	0.8	0.02	8.0	<0.1	<0.05	6	<0.5
611382	Drill Core	0.167	23	8	0.96	415	0.002	<20	1.26	0.024	0.10	<0.1	0.01	7.1	<0.1	<0.05	7	<0.5
611383	Drill Core	0.168	23	8	1.09	366	0.003	<20	1.12	0.027	0.10	<0.1	<0.01	7.8	<0.1	<0.05	6	<0.5
611384	Drill Core	0.161	24	9	1.14	147	0.004	<20	1.09	0.024	0.10	<0.1	<0.01	7.7	<0.1	<0.05	5	<0.5
611385	Drill Core	0.155	23	9	0.94	434	0.006	<20	1.13	0.020	0.11	<0.1	<0.01	7.0	<0.1	<0.05	5	<0.5
611386	Drill Core	0.160	25	9	1.03	274	0.006	<20	1.29	0.017	0.11	<0.1	<0.01	7.4	<0.1	<0.05	6	<0.5
611387	Drill Core	0.162	25	9	1.03	290	0.006	<20	1.27	0.016	0.10	<0.1	<0.01	7.4	<0.1	<0.05	6	<0.5
611388	Drill Core	0.159	25	10	1.26	313	0.009	<20	1.57	0.025	0.10	<0.1	<0.01	7.4	<0.1	<0.05	8	<0.5
611389	Drill Core	0.166	25	10	1.36	392	0.010	<20	1.72	0.021	0.10	<0.1	<0.01	7.2	<0.1	<0.05	8	<0.5
611390	Drill Core	0.163	25	9	1.12	859	0.010	<20	1.68	0.025	0.08	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5
611391	Drill Core	0.166	26	9	1.00	372	0.006	<20	1.58	0.021	0.09	<0.1	<0.01	6.3	<0.1	<0.05	7	<0.5



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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611392	Drill Core	4.21	<2	0.3	6.8	5.2	62	0.2	2.1	10.1	886	3.41	1.2	1.1	1.2	115	0.1	<0.1	<0.1	67
611393	Drill Core	4.72	<2	2.7	5.4	5.0	59	<0.1	2.4	10.0	846	3.28	1.0	0.6	1.2	85	0.1	<0.1	<0.1	71
611394	Drill Core	3.74	<2	0.8	5.9	11.6	51	<0.1	2.1	8.6	863	3.10	1.1	<0.5	1.2	150	0.4	<0.1	<0.1	72
611395	Drill Core	4.44	9	0.5	7.0	3.5	61	<0.1	2.2	10.1	749	3.36	1.2	<0.5	1.3	68	0.2	<0.1	<0.1	76
611396	Drill Core	6.10	3	0.6	6.3	3.7	58	<0.1	2.3	9.5	836	3.34	0.9	0.8	1.3	102	0.2	<0.1	<0.1	78
611397	Drill Core	4.55	<2	1.0	8.7	3.1	58	<0.1	2.3	10.4	764	3.46	0.8	0.7	1.3	73	<0.1	<0.1	<0.1	80
611398	Drill Core	4.18	<2	0.8	8.2	3.7	55	<0.1	2.5	9.8	689	3.22	0.9	0.6	1.4	87	0.1	<0.1	<0.1	71
611399	Rock Pulp	0.03	2456	19.7	12.5	14.7	36	0.3	17.2	2.3	16	0.83	104.5	1729	3.7	96	0.1	53.2	0.1	60
611400	Drill Core	4.16	2	1.9	9.1	6.9	63	<0.1	2.4	10.8	868	3.32	0.8	3.0	1.5	107	1.6	<0.1	<0.1	72
611401	Drill Core	4.06	<2	0.9	13.0	6.4	66	<0.1	2.3	9.7	944	3.51	1.1	2.4	1.8	70	0.3	0.4	<0.1	78
611402	Drill Core	4.28	<2	0.6	10.6	11.0	56	<0.1	1.7	11.2	1233	4.35	1.5	1.8	1.8	188	0.3	1.7	<0.1	130
611403	Drill Core	3.04	<2	0.6	8.3	8.8	72	0.1	2.6	15.0	1215	4.81	1.5	1.1	1.5	166	0.2	0.7	<0.1	180
611404	Drill Core	3.49	<2	0.6	5.9	6.6	69	<0.1	3.0	18.0	1164	5.23	1.6	1.7	1.3	197	0.1	<0.1	<0.1	179
611405	Drill Core	5.13	<2	0.7	11.1	5.7	67	<0.1	3.4	17.6	1462	4.71	1.7	2.2	1.4	194	0.3	<0.1	<0.1	177
611406	Drill Core	4.11	<2	0.4	8.9	12.1	61	<0.1	3.1	10.9	1067	3.37	1.9	0.6	1.5	206	0.1	0.2	<0.1	92
611407	Drill Core	4.24	<2	0.4	2.3	15.7	49	<0.1	2.4	7.0	832	2.57	1.9	<0.5	1.7	150	0.1	0.2	<0.1	66
611408	Drill Core	3.49	<2	0.3	1.7	17.1	80	<0.1	3.7	10.0	1192	3.18	2.1	4.1	1.6	126	0.2	0.3	<0.1	67
611409	Rock	0.49	<2	<0.1	1.5	2.8	52	<0.1	3.4	4.6	567	2.01	0.9	<0.5	5.0	65	<0.1	<0.1	<0.1	39
611410	Drill Core	4.50	<2	0.4	2.8	14.5	61	<0.1	3.4	8.1	892	2.58	1.5	<0.5	1.6	104	0.3	0.3	<0.1	64
611411	Drill Core	2.17	<2	0.6	14.0	16.3	67	<0.1	3.1	9.2	1019	3.18	1.6	<0.5	1.6	131	0.4	0.3	<0.1	75
611412	Drill Core	3.07	<2	0.6	16.3	19.3	70	0.1	3.6	11.0	767	3.32	1.9	<0.5	1.4	151	0.3	0.7	<0.1	96
611413	Drill Core	2.85	<2	0.4	27.6	19.8	94	0.2	5.7	16.5	813	4.47	1.8	1.8	1.5	81	0.4	1.8	<0.1	147
611414	Drill Core	4.17	<2	0.4	15.5	21.5	103	<0.1	4.1	18.3	1182	5.92	1.1	<0.5	1.8	112	0.4	2.0	<0.1	222
611415	Drill Core	3.82	<2	0.2	17.4	13.9	125	<0.1	6.5	23.2	667	6.32	1.6	1.8	1.3	80	0.2	1.6	<0.1	173
611416	Drill Core	3.41	<2	0.2	1.7	12.6	62	<0.1	8.6	7.9	792	1.94	2.5	<0.5	1.2	45	0.5	0.4	<0.1	58
611417	Drill Core	2.92	<2	0.7	2.4	14.9	67	<0.1	7.2	9.0	1052	2.11	1.6	1.5	1.3	65	0.5	0.4	<0.1	55
611418	Drill Core	3.77	<2	0.3	3.9	24.2	74	<0.1	5.4	8.8	1066	3.14	1.5	<0.5	2.0	144	0.2	0.5	<0.1	77
611419	Drill Core	2.26	<2	0.2	8.1	17.8	83	0.3	6.2	8.9	983	2.25	1.7	<0.5	1.5	111	0.2	0.4	<0.1	52
611420	Drill Core	2.06	3	0.2	7.8	17.6	81	0.3	7.2	9.5	972	2.22	1.4	0.7	1.3	110	0.2	0.3	<0.1	51
611421	Drill Core	3.69	<2	0.3	14.6	27.3	143	0.6	8.2	12.2	989	3.21	2.2	1.6	1.4	215	0.2	0.8	<0.1	99



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611392	Drill Core	0.171	26	10	1.42	484	0.010	<20	1.87	0.031	0.08	<0.1	<0.01	6.3	<0.1	<0.05	9	<0.5
611393	Drill Core	0.166	25	12	1.51	218	0.012	<20	1.78	0.039	0.07	<0.1	<0.01	5.9	<0.1	<0.05	9	<0.5
611394	Drill Core	0.154	31	11	1.74	1640	0.005	<20	2.05	0.030	0.07	<0.1	<0.01	5.1	<0.1	<0.05	9	<0.5
611395	Drill Core	0.165	19	12	2.20	534	0.009	<20	2.02	0.046	0.09	<0.1	0.03	5.4	<0.1	<0.05	10	<0.5
611396	Drill Core	0.158	22	12	1.64	148	0.013	<20	1.75	0.041	0.11	<0.1	0.01	4.8	<0.1	<0.05	9	<0.5
611397	Drill Core	0.161	24	13	1.67	176	0.018	<20	1.58	0.048	0.12	<0.1	<0.01	5.3	<0.1	<0.05	9	<0.5
611398	Drill Core	0.162	23	11	1.45	172	0.008	<20	1.69	0.032	0.10	<0.1	<0.01	5.2	<0.1	<0.05	9	<0.5
611399	Rock Pulp	0.024	15	23	0.04	2855	<0.001	<20	0.31	0.003	0.12	7.1	1.47	1.1	2.2	0.11	1	<0.5
611400	Drill Core	0.167	23	11	1.07	615	0.010	<20	1.68	0.026	0.10	<0.1	0.02	5.8	<0.1	<0.05	8	<0.5
611401	Drill Core	0.169	24	10	0.72	322	0.009	<20	1.04	0.004	0.08	1.9	<0.01	7.7	<0.1	<0.05	4	<0.5
611402	Drill Core	0.193	20	14	1.44	32	0.029	<20	0.97	0.002	0.08	5.5	<0.01	12.6	<0.1	<0.05	3	<0.5
611403	Drill Core	0.218	19	21	1.39	64	0.020	<20	1.28	0.007	0.09	1.9	0.01	16.0	<0.1	<0.05	5	<0.5
611404	Drill Core	0.221	16	24	2.11	325	0.018	<20	1.83	0.031	0.11	<0.1	<0.01	14.3	<0.1	<0.05	8	<0.5
611405	Drill Core	0.205	17	24	1.71	174	0.023	<20	1.63	0.041	0.11	<0.1	<0.01	16.7	<0.1	<0.05	9	1.1
611406	Drill Core	0.157	27	13	1.30	74	0.015	<20	1.17	0.016	0.09	<0.1	<0.01	9.0	<0.1	<0.05	5	0.5
611407	Drill Core	0.123	26	10	1.14	115	0.041	<20	0.69	0.006	0.07	1.3	<0.01	5.9	<0.1	<0.05	2	0.6
611408	Drill Core	0.124	23	9	1.69	163	0.050	<20	0.75	0.003	0.06	1.3	<0.01	5.9	<0.1	<0.05	2	0.7
611409	Rock	0.077	10	8	0.60	234	0.130	<20	1.05	0.085	0.50	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5
611410	Drill Core	0.124	26	9	0.98	586	0.031	<20	0.82	0.003	0.09	1.7	<0.01	5.2	<0.1	<0.05	3	0.8
611411	Drill Core	0.131	24	10	0.98	90	0.023	<20	0.64	0.003	0.07	1.4	<0.01	6.4	<0.1	<0.05	2	<0.5
611412	Drill Core	0.131	20	12	0.72	815	0.026	<20	0.63	0.002	0.05	1.9	<0.01	7.7	<0.1	<0.05	2	<0.5
611413	Drill Core	0.234	17	23	0.61	37	0.024	<20	0.77	0.002	0.06	3.5	<0.01	12.1	<0.1	<0.05	3	<0.5
611414	Drill Core	0.265	13	30	1.00	65	0.025	<20	0.95	0.003	0.05	5.2	<0.01	23.1	<0.1	<0.05	3	0.6
611415	Drill Core	0.246	12	21	0.70	19	0.019	<20	1.00	0.002	0.03	2.8	<0.01	17.3	<0.1	<0.05	3	<0.5
611416	Drill Core	0.084	8	16	0.55	106	0.007	<20	0.63	0.002	0.08	1.9	0.37	6.6	0.1	0.11	2	0.6
611417	Drill Core	0.082	7	14	0.83	353	0.009	<20	0.66	0.003	0.05	0.9	0.41	6.0	0.2	0.14	2	0.7
611418	Drill Core	0.102	20	31	1.40	28	0.013	<20	0.68	0.004	0.09	1.7	0.03	7.3	<0.1	<0.05	2	1.4
611419	Drill Core	0.071	14	21	1.28	31	0.002	<20	0.60	0.004	0.09	0.4	0.15	5.8	<0.1	0.08	2	<0.5
611420	Drill Core	0.072	14	20	1.26	395	0.002	<20	0.61	0.003	0.09	0.3	0.14	5.3	<0.1	0.09	2	<0.5
611421	Drill Core	0.149	16	47	1.40	35	0.010	<20	0.73	0.005	0.07	1.0	0.01	10.3	<0.1	<0.05	2	<0.5



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	Method Analyte Unit MDL	WGHT Wgt kg 0.01	3B Au ppb 2	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ag ppm 0.1	1DX Ni ppm 0.1	1DX Co ppm 0.1	1DX Mn ppm 1	1DX Fe % 0.01	1DX As ppm 0.5	1DX Au ppb 0.5	1DX Th ppm 0.1	1DX Sr ppm 1	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX V ppm 2	1DX Ca % 0.01
611422	Drill Core	3.22	<2	0.7	6.0	27.3	86	0.2	7.7	9.4	904	2.57	2.0	<0.5	2.5	168	0.2	0.1	0.1	59	2.56
611423	Drill Core	4.11	<2	0.8	2.6	27.9	75	0.2	7.2	8.5	789	2.33	1.5	0.7	2.9	168	<0.1	<0.1	0.1	50	2.29
611424	Drill Core	4.15	<2	0.5	4.7	25.2	117	0.2	8.5	9.6	1092	2.86	1.7	<0.5	2.5	166	0.2	<0.1	<0.1	59	2.23
611425	Drill Core	4.93	<2	0.4	8.0	27.6	96	0.4	8.0	9.2	999	2.70	1.1	4.6	1.6	263	0.3	<0.1	<0.1	59	2.81
611426	Drill Core	3.60	<2	0.5	7.8	44.3	73	0.4	4.5	5.5	1307	2.32	1.4	0.6	2.7	189	0.2	<0.1	<0.1	44	2.01
611427	Drill Core	4.05	<2	0.4	1.9	43.7	65	0.2	3.9	7.9	734	1.96	1.6	<0.5	1.8	313	0.2	<0.1	<0.1	35	2.63
611428	Drill Core	4.39	<2	0.2	1.4	46.2	56	<0.1	3.7	5.2	579	1.76	1.2	<0.5	1.4	258	<0.1	<0.1	<0.1	32	2.18
611429	Drill Core	4.09	<2	0.3	10.7	42.2	55	0.4	3.4	4.3	598	1.73	1.0	<0.5	1.1	352	0.2	<0.1	<0.1	32	2.79
611430	Drill Core	4.42	<2	0.4	18.7	41.8	103	0.6	13.2	11.6	1030	2.98	2.0	1.2	2.0	389	0.2	0.3	<0.1	83	4.01
611431	Drill Core	4.59	<2	0.7	30.9	24.7	111	0.5	31.6	22.3	1249	4.15	2.7	1.4	1.9	191	0.2	0.3	<0.1	121	2.83
611432	Drill Core	5.33	<2	0.6	22.3	31.6	70	0.2	29.7	19.0	1221	4.10	2.0	1.3	1.7	222	0.3	0.1	<0.1	119	3.79
611433	Drill Core	4.04	<2	0.6	29.1	41.1	90	0.2	25.9	20.7	1574	4.70	2.2	1.2	2.1	183	0.4	0.2	<0.1	127	3.19
611434	Rock Pulp	0.05	2556	15.6	40.1	34.8	184	1.0	49.9	6.2	294	1.94	568.7	19.3	2.9	52	2.0	24.3	0.3	107	6.85
611435	Drill Core	3.60	2	0.7	30.3	36.2	102	0.4	28.9	24.1	1361	4.49	3.0	3.2	2.2	225	0.1	0.6	<0.1	129	3.71
611436	Drill Core	4.43	7	0.3	14.6	36.2	59	0.2	18.4	13.6	1169	3.73	4.5	1.0	1.9	280	0.2	0.4	<0.1	110	3.73
611437	Drill Core	3.94	<2	0.3	22.6	34.4	83	0.4	23.1	15.8	1238	3.58	2.1	2.1	2.1	244	0.3	0.2	<0.1	94	3.71
611438	Drill Core	4.08	<2	0.2	23.7	28.1	79	0.4	16.8	12.1	1272	2.97	2.1	<0.5	1.8	295	0.4	<0.1	<0.1	78	4.85
611439	Drill Core	3.78	<2	0.3	35.4	14.3	59	0.6	5.3	5.9	654	2.36	1.9	<0.5	1.3	102	0.3	0.1	<0.1	47	2.25
611440	Drill Core	4.39	<2	0.3	1.2	13.5	67	<0.1	4.6	6.8	638	2.20	1.2	<0.5	1.4	79	0.2	0.4	0.1	39	2.18
611441	Drill Core	4.00	<2	0.4	1.2	17.2	81	<0.1	4.7	7.2	719	2.25	1.0	<0.5	1.4	89	0.2	0.4	0.3	42	2.21
611442	Drill Core	3.26	<2	0.4	2.4	14.0	87	<0.1	5.2	7.4	831	2.54	0.8	<0.5	1.6	87	0.3	0.3	0.1	44	2.57
611443	Drill Core	3.94	<2	0.5	0.8	14.7	66	<0.1	3.9	5.7	800	2.61	1.9	<0.5	1.8	58	0.3	0.4	<0.1	46	1.98
611444	Rock	0.46	<2	<0.1	1.6	3.0	48	<0.1	3.8	4.7	556	1.92	<0.5	<0.5	6.6	76	<0.1	<0.1	<0.1	38	0.53
611445	Drill Core	4.05	<2	0.4	0.9	15.3	57	<0.1	2.8	5.4	801	2.49	0.8	<0.5	2.0	57	0.2	0.3	<0.1	44	1.82
611446	Drill Core	4.26	<2	0.4	1.1	14.0	57	<0.1	2.9	5.7	895	2.51	1.2	<0.5	2.3	61	0.3	0.3	<0.1	46	2.10
611447	Drill Core	4.55	<2	0.4	0.9	15.5	62	<0.1	3.1	6.5	1021	2.62	1.1	<0.5	2.4	69	0.2	0.3	<0.1	48	2.42
611448	Drill Core	4.24	<2	0.6	1.4	20.7	61	<0.1	3.1	5.5	794	2.32	1.7	<0.5	2.8	68	0.2	0.3	<0.1	51	2.15
611449	Drill Core	4.74	<2	0.4	1.0	20.3	60	<0.1	2.6	5.5	696	2.16	1.2	<0.5	2.3	82	0.2	0.3	<0.1	39	1.77
611450	Drill Core	4.72	<2	0.4	0.5	15.0	50	<0.1	2.9	5.6	751	2.35	0.7	<0.5	2.0	107	0.1	0.3	<0.1	39	1.99
611451	Drill Core	4.73	<2	0.5	0.8	14.1	54	<0.1	2.9	5.8	843	2.43	1.3	<0.5	2.4	100	0.3	0.4	<0.1	45	2.06



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611422	Drill Core	0.082	13	25	0.94	107	0.011	<20	0.64	0.005	0.09	2.0	<0.01	5.0	<0.1	<0.05	2	<0.5
611423	Drill Core	0.073	13	27	0.85	163	0.009	<20	0.69	0.006	0.12	1.0	<0.01	4.5	<0.1	<0.05	2	0.6
611424	Drill Core	0.088	13	26	0.90	315	0.007	<20	0.70	0.005	0.11	1.5	<0.01	4.7	<0.1	<0.05	2	<0.5
611425	Drill Core	0.073	11	26	1.07	1470	0.009	<20	0.74	0.006	0.09	2.7	0.01	5.1	<0.1	<0.05	2	<0.5
611426	Drill Core	0.063	15	12	0.58	133	0.005	<20	0.68	0.004	0.09	4.7	<0.01	3.8	<0.1	<0.05	2	0.7
611427	Drill Core	0.059	16	11	0.95	421	0.004	<20	0.67	0.006	0.09	3.2	0.02	3.1	<0.1	<0.05	2	<0.5
611428	Drill Core	0.060	12	10	0.79	1892	0.004	<20	0.59	0.005	0.10	2.2	<0.01	2.8	<0.1	0.08	2	<0.5
611429	Drill Core	0.056	12	11	1.01	660	0.003	<20	0.64	0.006	0.09	0.5	<0.01	3.1	<0.1	<0.05	2	0.6
611430	Drill Core	0.109	18	68	1.38	109	0.011	<20	0.82	0.006	0.09	0.4	<0.01	9.4	<0.1	<0.05	3	0.7
611431	Drill Core	0.141	19	97	1.71	253	0.011	<20	1.31	0.051	0.12	<0.1	<0.01	11.7	<0.1	<0.05	6	<0.5
611432	Drill Core	0.136	17	90	1.95	157	0.010	<20	1.24	0.066	0.14	<0.1	<0.01	12.1	<0.1	<0.05	6	0.9
611433	Drill Core	0.154	21	105	1.62	95	0.004	<20	1.07	0.009	0.13	2.6	<0.01	13.6	<0.1	<0.05	4	<0.5
611434	Rock Pulp	0.077	11	27	2.10	112	0.003	<20	0.57	0.007	0.22	2.1	4.46	2.6	1.7	1.38	2	2.7
611435	Drill Core	0.155	19	124	1.72	40	0.009	<20	0.82	0.007	0.12	1.2	<0.01	14.6	<0.1	<0.05	3	0.6
611436	Drill Core	0.141	18	93	1.83	84	0.034	<20	0.82	0.007	0.11	1.4	<0.01	11.3	<0.1	<0.05	3	1.5
611437	Drill Core	0.132	21	97	1.58	637	0.006	<20	0.80	0.006	0.12	0.9	<0.01	10.4	<0.1	0.06	2	<0.5
611438	Drill Core	0.110	18	68	1.78	757	0.003	<20	0.87	0.007	0.17	0.7	<0.01	9.7	<0.1	<0.05	3	<0.5
611439	Drill Core	0.079	8	12	0.79	22	0.008	<20	0.74	0.004	0.08	1.6	<0.01	4.8	<0.1	0.05	2	<0.5
611440	Drill Core	0.079	8	11	0.80	14	0.016	<20	0.56	0.002	0.07	2.0	<0.01	4.5	<0.1	<0.05	2	<0.5
611441	Drill Core	0.079	10	12	0.84	14	0.016	<20	0.65	0.003	0.08	2.4	<0.01	4.6	<0.1	<0.05	2	<0.5
611442	Drill Core	0.069	10	14	0.99	21	0.020	<20	0.66	0.003	0.07	2.2	<0.01	4.5	<0.1	<0.05	2	<0.5
611443	Drill Core	0.071	10	14	0.73	15	0.021	<20	0.67	0.003	0.07	2.8	<0.01	4.2	<0.1	0.05	2	<0.5
611444	Rock	0.074	14	9	0.58	218	0.150	<20	1.13	0.106	0.51	0.2	<0.01	2.1	0.2	<0.05	5	<0.5
611445	Drill Core	0.081	12	14	0.63	24	0.019	<20	0.58	0.003	0.08	2.9	<0.01	4.5	<0.1	<0.05	2	<0.5
611446	Drill Core	0.081	11	14	0.77	28	0.016	<20	0.58	0.004	0.08	2.6	<0.01	4.9	<0.1	<0.05	2	<0.5
611447	Drill Core	0.079	12	14	0.90	30	0.016	<20	0.58	0.004	0.09	3.2	<0.01	4.6	<0.1	<0.05	2	<0.5
611448	Drill Core	0.086	13	12	0.80	16	0.016	<20	0.58	0.003	0.09	3.1	<0.01	4.9	<0.1	<0.05	2	<0.5
611449	Drill Core	0.083	12	12	0.66	1867	0.016	<20	0.60	0.003	0.10	6.1	<0.01	4.3	<0.1	0.05	2	<0.5
611450	Drill Core	0.076	11	14	0.77	2234	0.018	<20	0.55	0.003	0.09	8.4	<0.01	4.1	<0.1	0.05	2	<0.5
611451	Drill Core	0.081	11	13	0.79	226	0.019	<20	0.60	0.003	0.09	5.9	<0.01	4.1	<0.1	<0.05	2	<0.5



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CERTIFICATE OF ANALYSIS

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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611452	Drill Core	4.71	<2	0.5	5.8	14.4	59	0.1	3.3	6.0	839	2.38	2.0	<0.5	2.2	79	0.2	0.4	<0.1	51
611453	Drill Core	4.48	<2	0.5	0.9	12.2	44	<0.1	2.8	4.5	629	2.37	0.8	<0.5	1.9	73	0.2	0.4	<0.1	44
611454	Drill Core	2.15	<2	0.6	1.4	14.9	69	<0.1	3.8	6.6	1042	2.49	0.8	<0.5	2.5	77	0.2	0.5	<0.1	49
611455	Drill Core	1.45	<2	0.5	1.1	13.3	63	<0.1	3.5	6.3	942	2.51	1.0	<0.5	2.3	75	0.2	0.4	<0.1	49
611456	Drill Core	4.30	<2	0.5	3.7	13.0	53	<0.1	3.0	5.3	813	2.31	0.8	<0.5	2.1	79	0.2	0.5	<0.1	48
611457	Drill Core	5.23	<2	0.5	0.8	12.2	50	<0.1	3.0	5.1	758	2.18	<0.5	<0.5	1.7	89	0.1	0.5	<0.1	42
611458	Drill Core	4.73	<2	0.6	0.6	13.6	66	<0.1	3.6	5.8	807	2.48	<0.5	<0.5	2.2	96	0.2	0.4	<0.1	43
611459	Drill Core	4.36	<2	0.5	3.7	28.6	80	0.2	7.3	10.1	1440	2.02	13.8	<0.5	1.4	83	0.6	0.4	<0.1	35
611460	Drill Core	4.78	<2	2.2	2.3	14.3	78	0.1	5.2	6.5	1300	2.13	31.4	<0.5	1.1	74	0.6	0.3	<0.1	32
611461	Drill Core	4.79	<2	10.6	5.1	21.2	141	0.3	8.5	9.4	2228	3.15	96.1	<0.5	1.1	64	0.9	1.1	<0.1	53
611462	Drill Core	4.94	<2	15.2	4.2	23.4	102	0.3	7.5	8.2	1556	2.42	79.4	<0.5	1.1	53	0.6	0.8	<0.1	36
611463	Drill Core	4.18	3	0.6	0.6	11.5	72	<0.1	4.5	5.4	970	2.59	0.6	<0.5	1.2	77	0.4	0.3	<0.1	42
611464	Drill Core	4.65	<2	0.6	1.1	12.9	73	0.2	4.4	6.2	911	2.56	0.7	<0.5	1.2	79	0.4	0.3	<0.1	43
611465	Drill Core	4.04	<2	0.8	13.4	15.6	62	<0.1	3.4	4.9	834	2.41	0.5	<0.5	1.8	65	0.4	2.5	<0.1	45
611466	Drill Core	4.62	<2	0.7	0.7	13.7	74	<0.1	3.8	5.7	1028	2.53	<0.5	<0.5	1.7	71	0.5	0.4	<0.1	46
611467	Drill Core	4.25	<2	0.6	0.9	13.4	44	<0.1	3.3	4.5	487	2.44	<0.5	<0.5	1.9	80	0.2	0.4	<0.1	43
611468	Drill Core	4.37	<2	0.6	1.3	12.5	47	<0.1	2.8	4.8	579	2.39	<0.5	<0.5	2.1	77	0.2	0.4	<0.1	45
611469	Rock Pulp	0.08	2314	24.6	16.0	15.8	41	0.3	21.4	2.9	19	0.90	115.2	2228	4.2	99	0.3	89.3	0.1	65
611470	Drill Core	4.41	<2	0.7	0.8	14.7	74	<0.1	3.9	6.8	1020	2.70	0.6	0.9	2.1	73	0.4	0.5	<0.1	46
611471	Drill Core	4.88	<2	0.6	0.8	13.8	68	<0.1	4.2	5.7	875	2.54	0.9	0.9	1.9	69	0.4	0.4	<0.1	43
611472	Drill Core	4.22	<2	0.6	0.7	13.4	70	<0.1	6.1	6.7	863	2.15	1.2	<0.5	1.8	64	0.5	0.3	<0.1	42
611473	Drill Core	4.30	<2	0.6	0.8	17.4	85	<0.1	3.9	6.8	1138	2.55	0.7	<0.5	2.2	86	0.5	0.5	<0.1	42
611474	Drill Core	4.36	<2	0.7	0.4	15.3	62	<0.1	3.0	5.0	854	2.39	<0.5	<0.5	2.2	79	0.4	0.4	<0.1	43
611475	Drill Core	4.56	<2	0.8	0.5	16.8	81	<0.1	3.8	6.1	1060	2.73	1.1	<0.5	2.6	81	0.5	0.4	<0.1	43
611476	Drill Core	4.65	<2	0.6	0.4	13.2	67	<0.1	3.8	5.1	881	2.50	0.7	<0.5	2.4	66	0.4	0.2	<0.1	43
611477	Drill Core	4.45	<2	0.5	0.4	15.3	58	<0.1	2.9	5.0	725	2.54	0.7	<0.5	2.4	99	0.3	0.1	<0.1	39
611478	Drill Core	4.48	<2	0.4	0.3	14.8	61	<0.1	2.9	5.5	824	2.24	0.6	<0.5	2.0	94	0.2	<0.1	<0.1	39
611479	Rock	0.54	<2	<0.1	1.3	3.0	49	<0.1	3.8	4.6	599	2.05	<0.5	<0.5	5.3	68	<0.1	<0.1	<0.1	37
611480	Drill Core	4.72	<2	0.4	0.4	13.8	77	<0.1	3.1	5.7	1026	2.53	0.6	<0.5	2.1	69	0.3	<0.1	<0.1	44
611481	Drill Core	3.92	<2	0.3	0.6	15.7	56	<0.1	3.0	4.6	725	2.38	0.7	<0.5	1.9	54	0.3	<0.1	<0.1	42



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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611452	Drill Core	0.088	10	13	0.75	20	0.014	<20	0.58	0.004	0.08	2.4	<0.01	4.7	0.1	<0.05	2	<0.5
611453	Drill Core	0.082	11	13	0.59	621	0.021	<20	0.57	0.003	0.07	2.7	<0.01	4.0	<0.1	<0.05	2	<0.5
611454	Drill Core	0.087	12	14	0.99	514	0.024	<20	0.57	0.004	0.06	2.6	<0.01	4.4	<0.1	<0.05	2	<0.5
611455	Drill Core	0.089	13	14	0.91	601	0.025	<20	0.63	0.004	0.06	2.5	<0.01	4.5	<0.1	<0.05	2	<0.5
611456	Drill Core	0.086	13	13	0.84	191	0.024	<20	0.55	0.003	0.06	3.5	<0.01	4.2	<0.1	<0.05	2	<0.5
611457	Drill Core	0.077	11	13	0.83	559	0.020	<20	0.49	0.003	0.06	2.8	<0.01	4.0	<0.1	<0.05	1	<0.5
611458	Drill Core	0.074	12	14	1.08	700	0.019	<20	0.48	0.005	0.08	2.3	<0.01	4.6	<0.1	<0.05	2	<0.5
611459	Drill Core	0.071	10	7	1.31	624	0.002	<20	0.65	0.004	0.11	0.8	0.32	4.1	0.3	0.51	2	<0.5
611460	Drill Core	0.061	7	7	1.30	428	0.002	<20	0.47	0.005	0.10	0.6	0.19	3.2	0.2	0.42	1	<0.5
611461	Drill Core	0.043	6	6	2.22	16	<0.001	<20	0.36	0.007	0.04	0.2	0.32	3.1	0.5	0.67	<1	<0.5
611462	Drill Core	0.051	6	6	1.41	40	<0.001	<20	0.41	0.005	0.08	0.2	0.46	3.2	1.0	0.70	1	<0.5
611463	Drill Core	0.038	5	14	0.96	212	0.011	<20	0.54	0.004	0.09	1.6	0.03	4.2	<0.1	<0.05	2	<0.5
611464	Drill Core	0.045	6	14	1.02	24	0.016	<20	0.53	0.003	0.07	1.4	0.02	4.1	<0.1	<0.05	2	<0.5
611465	Drill Core	0.076	9	13	0.68	9	0.021	<20	0.56	0.003	0.07	2.0	0.03	4.0	<0.1	<0.05	2	<0.5
611466	Drill Core	0.072	9	14	0.82	291	0.023	<20	0.55	0.002	0.07	3.2	<0.01	4.6	<0.1	<0.05	2	<0.5
611467	Drill Core	0.079	10	15	0.56	253	0.022	<20	0.58	0.002	0.07	3.4	<0.01	4.4	<0.1	<0.05	2	<0.5
611468	Drill Core	0.082	11	13	0.60	793	0.021	<20	0.60	0.003	0.09	4.1	<0.01	4.3	<0.1	<0.05	2	<0.5
611469	Rock Pulp	0.025	16	29	0.05	3478	0.001	<20	0.31	0.005	0.12	9.7	1.86	1.3	2.4	0.11	1	<0.5
611470	Drill Core	0.084	11	14	1.01	113	0.025	<20	0.60	0.004	0.07	3.4	<0.01	4.5	<0.1	<0.05	2	<0.5
611471	Drill Core	0.079	9	13	0.82	168	0.021	<20	0.65	0.003	0.07	2.2	0.04	4.2	<0.1	<0.05	2	<0.5
611472	Drill Core	0.077	7	12	0.90	337	0.011	<20	0.76	0.003	0.08	1.3	0.22	4.2	<0.1	0.16	2	<0.5
611473	Drill Core	0.084	9	13	1.02	1920	0.020	<20	0.59	0.004	0.07	3.7	<0.01	3.9	<0.1	0.05	2	<0.5
611474	Drill Core	0.087	10	12	0.78	171	0.022	<20	0.61	0.003	0.07	2.6	<0.01	3.8	<0.1	<0.05	2	<0.5
611475	Drill Core	0.088	12	15	1.11	19	0.021	<20	0.89	0.003	0.08	2.9	<0.01	4.0	<0.1	<0.05	3	<0.5
611476	Drill Core	0.087	10	14	0.78	9	0.013	<20	0.94	0.002	0.09	1.5	0.03	4.3	<0.1	<0.05	3	<0.5
611477	Drill Core	0.087	11	16	0.65	758	0.013	<20	0.90	0.002	0.08	2.0	<0.01	3.9	<0.1	<0.05	3	<0.5
611478	Drill Core	0.084	10	12	0.93	1432	0.011	<20	0.76	0.002	0.07	1.7	<0.01	3.6	<0.1	<0.05	2	<0.5
611479	Rock	0.063	10	13	0.62	228	0.110	<20	1.14	0.081	0.50	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5
611480	Drill Core	0.093	10	13	1.00	15	0.010	<20	0.76	0.003	0.07	1.7	<0.01	4.2	<0.1	<0.05	2	<0.5
611481	Drill Core	0.092	9	14	0.60	21	0.009	<20	0.76	0.011	0.08	1.2	<0.01	4.0	<0.1	<0.05	2	<0.5



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611482	Drill Core	3.29	<2	0.3	0.4	10.8	39	<0.1	2.2	3.6	493	1.98	0.6	<0.5	1.7	51	0.1	<0.1	<0.1	38
611483	Drill Core	4.92	<2	0.5	0.5	11.2	49	<0.1	2.7	4.2	659	2.39	0.6	<0.5	2.0	53	0.2	0.1	<0.1	39
611484	Drill Core	4.18	<2	0.3	0.6	13.2	64	<0.1	3.2	5.4	865	2.39	0.7	<0.5	1.8	60	0.3	<0.1	<0.1	44
611485	Drill Core	5.20	<2	0.4	0.8	15.3	63	<0.1	3.3	5.2	797	2.50	0.7	<0.5	2.2	67	0.3	0.1	<0.1	44
611486	Drill Core	4.41	4	0.4	0.8	15.2	59	<0.1	3.6	5.3	802	2.47	0.7	<0.5	2.4	65	0.3	0.1	<0.1	44
611487	Drill Core	4.09	2	0.2	0.6	17.3	60	<0.1	2.9	5.2	793	1.98	0.5	<0.5	1.8	138	0.3	<0.1	<0.1	39
611488	Drill Core	4.66	<2	0.3	0.8	17.1	54	<0.1	2.9	5.4	801	1.89	0.7	<0.5	1.7	184	0.3	<0.1	<0.1	38
611489	Drill Core	1.92	<2	0.2	0.6	15.6	49	<0.1	2.9	4.8	685	1.83	0.8	<0.5	2.1	194	0.2	<0.1	<0.1	36
611490	Drill Core	1.76	<2	0.2	0.5	17.1	54	<0.1	3.4	5.5	780	2.16	1.0	<0.5	2.3	217	0.3	<0.1	<0.1	41
611491	Drill Core	3.72	<2	0.4	1.2	23.9	68	<0.1	3.0	6.2	923	2.63	1.9	<0.5	3.1	233	0.4	0.2	<0.1	44
613001	Drill Core	4.21	59	0.8	14.7	40.6	61	0.4	7.3	3.2	188	1.11	409.9	88.0	15.6	23	0.4	0.2	0.2	4
613002	Drill Core	3.38	1555	0.4	14.2	163.3	89	1.3	21.1	6.8	191	1.69	2668	1553	8.7	23	0.5	0.3	0.6	11
613003	Drill Core	5.03	35	0.1	3.6	20.3	8	0.2	1.5	0.9	167	0.49	129.6	13.1	13.6	36	<0.1	<0.1	0.2	<2
613004	Drill Core	3.74	7	0.2	1.8	6.3	8	<0.1	1.2	0.4	145	0.42	9.0	<0.5	13.4	31	<0.1	<0.1	<0.1	<2
613005	Drill Core	5.53	7	0.3	3.1	9.6	9	<0.1	1.4	0.9	140	0.45	178.2	1.8	14.6	35	<0.1	<0.1	<0.1	<2
613006	Drill Core	3.08	59	0.2	2.9	8.0	9	<0.1	1.3	1.5	187	0.51	486.3	22.5	15.0	48	<0.1	<0.1	<0.1	<2
613007	Drill Core	4.98	<2	0.2	4.1	4.0	6	<0.1	1.2	0.9	146	0.43	5.3	1.6	13.6	48	<0.1	<0.1	<0.1	<2
613008	Drill Core	4.76	<2	0.3	4.2	3.3	7	<0.1	1.3	0.6	149	0.47	4.9	<0.5	13.9	39	<0.1	<0.1	<0.1	<2
613009	Drill Core	4.67	45	0.3	3.4	2.4	5	<0.1	1.2	0.9	139	0.42	111.5	21.6	12.0	40	<0.1	<0.1	<0.1	<2
613010	Drill Core	4.93	7	0.4	3.4	3.5	6	<0.1	1.1	0.7	235	0.41	51.4	3.5	15.2	73	<0.1	0.1	<0.1	<2
613011	Rock Pulp	0.10	8297	22.3	120.6	747.1	222	2.5	49.6	20.2	541	3.69	>10000	7532	3.2	43	1.1	2.3	4.2	20
613012	Drill Core	2.99	185	0.3	4.3	30.0	7	0.3	1.4	1.7	193	0.48	310.4	99.4	13.8	54	<0.1	0.2	0.3	<2
613013	Drill Core	2.66	36	0.5	5.0	7.8	7	<0.1	1.8	1.3	214	0.40	140.1	17.6	12.2	71	<0.1	0.1	<0.1	<2
613014	Drill Core	5.80	5	0.4	2.7	3.3	5	<0.1	1.6	0.5	107	0.39	6.9	1.4	12.5	22	<0.1	<0.1	<0.1	<2
613015	Drill Core	5.63	18	0.3	2.4	5.3	5	<0.1	0.9	0.8	124	0.45	118.3	4.9	12.4	29	<0.1	<0.1	<0.1	<2
613016	Drill Core	4.80	117	0.3	3.6	8.5	6	<0.1	1.5	0.7	163	0.44	26.4	12.7	15.2	34	<0.1	<0.1	<0.1	<2
613017	Drill Core	3.54	<2	0.4	3.8	5.9	5	<0.1	1.1	0.9	116	0.43	27.3	<0.5	13.4	21	<0.1	<0.1	<0.1	<2
613018	Drill Core	2.20	3	0.4	4.0	16.4	7	<0.1	1.2	0.8	201	0.77	51.4	0.8	12.8	102	<0.1	<0.1	<0.1	<2
613019	Drill Core	5.01	43	1.0	4.7	4.3	6	<0.1	1.1	0.7	178	0.59	8.7	1.5	13.5	50	<0.1	<0.1	<0.1	<2
613020	Drill Core	4.69	14	3.8	6.4	6.8	5	<0.1	0.7	0.7	67	0.37	57.1	9.3	14.9	31	<0.1	0.2	<0.1	<2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611482	Drill Core	0.075	9	12	0.41	608	0.008	<20	0.61	0.002	0.08	0.9	<0.01	3.4	<0.1	<0.05	2	<0.5
611483	Drill Core	0.085	10	14	0.53	177	0.011	<20	0.87	0.002	0.08	1.0	<0.01	4.2	<0.1	<0.05	3	<0.5
611484	Drill Core	0.087	10	13	0.75	30	0.010	<20	0.75	0.004	0.08	0.9	0.01	4.0	<0.1	<0.05	2	<0.5
611485	Drill Core	0.093	10	16	0.80	13	0.017	<20	0.87	0.003	0.07	1.5	0.01	4.8	<0.1	<0.05	2	<0.5
611486	Drill Core	0.095	11	15	0.81	10	0.015	<20	0.85	0.003	0.08	2.0	0.01	4.8	<0.1	<0.05	2	<0.5
611487	Drill Core	0.077	12	12	0.90	48	0.008	<20	0.71	0.004	0.10	1.1	<0.01	3.7	<0.1	<0.05	2	<0.5
611488	Drill Core	0.074	11	12	0.88	143	0.012	<20	0.52	0.004	0.07	1.2	<0.01	3.0	<0.1	<0.05	2	<0.5
611489	Drill Core	0.061	10	12	0.83	119	0.010	<20	0.57	0.004	0.08	1.0	<0.01	3.0	<0.1	<0.05	2	<0.5
611490	Drill Core	0.075	12	13	0.95	13	0.013	<20	0.64	0.004	0.09	1.2	<0.01	3.5	<0.1	<0.05	2	<0.5
611491	Drill Core	0.094	15	17	1.17	13	0.030	<20	1.05	0.003	0.11	2.0	<0.01	4.5	<0.1	<0.05	3	<0.5
613001	Drill Core	0.015	33	6	0.04	225	<0.001	<20	0.40	0.033	0.22	0.2	<0.01	1.4	<0.1	<0.05	1	<0.5
613002	Drill Core	0.024	18	17	0.06	262	0.002	<20	0.63	0.009	0.39	0.2	<0.01	1.5	0.1	0.09	2	<0.5
613003	Drill Core	0.004	40	8	0.04	127	<0.001	<20	0.29	0.043	0.17	<0.1	<0.01	1.1	<0.1	<0.05	<1	<0.5
613004	Drill Core	0.003	37	7	0.04	172	<0.001	<20	0.36	0.030	0.28	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5
613005	Drill Core	0.004	40	6	0.04	167	<0.001	<20	0.32	0.045	0.25	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5
613006	Drill Core	0.004	40	9	0.04	166	<0.001	<20	0.37	0.050	0.27	0.3	<0.01	1.1	<0.1	<0.05	1	<0.5
613007	Drill Core	0.003	37	5	0.06	123	<0.001	<20	0.33	0.043	0.25	<0.1	<0.01	1.2	0.1	<0.05	1	<0.5
613008	Drill Core	0.003	37	10	0.05	164	<0.001	<20	0.37	0.051	0.29	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5
613009	Drill Core	0.003	33	5	0.03	130	<0.001	<20	0.28	0.043	0.23	<0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5
613010	Drill Core	0.004	42	12	0.05	174	0.002	<20	0.39	0.040	0.28	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5
613011	Rock Pulp	0.032	4	31	0.65	42	0.016	<20	0.67	0.033	0.11	0.3	<0.01	2.4	<0.1	0.88	2	1.6
613012	Drill Core	0.004	39	6	0.04	293	<0.001	<20	0.31	0.039	0.23	<0.1	<0.01	1.0	<0.1	0.07	1	<0.5
613013	Drill Core	0.004	38	7	0.05	144	0.001	<20	0.31	0.036	0.22	<0.1	<0.01	1.0	<0.1	0.11	1	<0.5
613014	Drill Core	0.003	35	8	0.04	162	<0.001	<20	0.34	0.027	0.25	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5
613015	Drill Core	0.003	32	4	0.07	249	<0.001	<20	0.33	0.025	0.23	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5
613016	Drill Core	0.004	43	9	0.05	204	<0.001	<20	0.38	0.022	0.23	<0.1	<0.01	1.2	<0.1	<0.05	1	<0.5
613017	Drill Core	0.004	36	4	0.07	145	<0.001	<20	0.36	0.019	0.25	<0.1	<0.01	1.1	<0.1	<0.05	1	<0.5
613018	Drill Core	0.004	33	4	0.37	459	<0.001	<20	0.37	0.009	0.23	0.1	<0.01	1.1	<0.1	0.06	<1	<0.5
613019	Drill Core	0.005	43	6	0.20	268	<0.001	<20	0.34	0.012	0.24	0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5
613020	Drill Core	0.015	37	3	0.04	140	<0.001	<20	0.31	0.005	0.24	0.1	0.02	0.4	<0.1	<0.05	1	<0.5



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613021	Rock	0.62	<2	0.1	1.6	2.7	48	<0.1	4.0	4.7	561	2.01	<0.5	<0.5	5.8	59	<0.1	<0.1	<0.1	39
613022	Drill Core	4.95	57	0.3	3.9	11.8	7	<0.1	0.7	1.0	94	0.52	388.7	63.3	18.5	39	<0.1	0.2	<0.1	<2
613023	Drill Core	4.87	<2	20.0	4.7	5.2	5	<0.1	1.2	0.7	198	0.39	2.9	0.5	15.7	71	<0.1	0.2	<0.1	<2
613024	Drill Core	5.43	8	47.5	3.7	8.5	4	<0.1	1.4	0.8	332	0.36	43.8	3.9	14.8	142	0.2	0.1	0.1	<2
613025	Drill Core	4.91	36	1.7	5.5	5.4	16	<0.1	2.2	2.1	83	0.42	93.0	7.4	13.0	15	<0.1	0.2	<0.1	<2
613026	Drill Core	4.81	4	0.9	9.8	21.9	63	0.2	2.6	1.2	141	1.10	22.1	<0.5	21.4	24	0.4	0.6	0.3	<2
613027	Drill Core	5.03	<2	0.2	9.3	24.6	71	0.2	3.6	1.4	147	1.12	3.2	<0.5	16.7	40	0.5	0.3	0.3	2
613028	Drill Core	4.72	<2	0.2	7.7	30.5	24	0.3	2.6	0.9	119	0.87	3.8	<0.5	17.4	28	0.1	0.3	0.5	<2
613029	Drill Core	2.89	3	0.4	10.5	28.5	38	0.3	3.8	1.4	158	1.25	4.6	<0.5	24.7	16	<0.1	0.3	0.4	2
613030	Drill Core	5.49	16	0.1	7.4	23.5	18	0.2	1.9	0.7	108	0.73	147.1	23.3	15.6	26	<0.1	0.2	0.3	<2
613031	Drill Core	3.33	403	0.3	6.6	28.8	70	0.4	1.0	1.2	66	0.65	1851	542.6	18.2	19	0.5	0.4	0.4	<2
613032	Drill Core	2.50	253	0.2	6.6	30.5	69	0.3	0.7	1.4	67	0.57	1566	220.3	18.4	18	0.5	0.3	0.4	<2
613033	Drill Core	5.53	382	0.6	8.0	20.5	66	0.3	2.2	1.6	82	0.62	1303	61.8	17.7	24	0.3	0.3	0.4	<2
613034	Drill Core	5.02	85	0.4	8.3	37.8	99	0.3	0.8	1.1	78	0.65	330.6	130.9	19.3	41	0.6	0.6	0.4	2
613035	Drill Core	4.77	3	0.2	6.5	18.1	24	0.2	0.7	0.6	84	0.67	12.5	3.4	17.2	50	0.1	0.5	0.2	<2
613036	Drill Core	4.80	7	0.3	7.9	16.2	9	0.2	2.6	1.1	133	0.61	106.6	2.3	13.9	53	<0.1	0.3	0.2	<2
613037	Drill Core	4.25	10	0.2	6.5	4.9	4	<0.1	0.9	0.5	133	0.46	12.9	5.3	13.2	42	<0.1	0.2	<0.1	<2
613038	Drill Core	4.69	20	0.2	6.8	3.5	6	<0.1	0.8	0.9	136	0.46	7.9	1.9	12.8	42	<0.1	0.2	<0.1	<2
613039	Drill Core	4.81	16	0.3	5.9	4.1	5	<0.1	0.7	0.5	167	0.37	3.3	<0.5	14.0	55	<0.1	0.2	<0.1	<2
613040	Drill Core	5.16	3	0.1	6.7	4.6	7	<0.1	1.1	0.5	139	0.53	6.7	2.3	14.4	50	<0.1	0.2	<0.1	<2
613041	Drill Core	4.97	3	1.0	5.2	8.0	13	0.1	1.3	0.6	149	0.58	20.6	1.4	12.3	64	<0.1	0.1	0.2	<2
613042	Drill Core	5.01	2	0.2	3.1	5.0	9	<0.1	0.8	0.3	119	0.44	7.2	<0.5	13.0	56	<0.1	<0.1	<0.1	<2
613043	Drill Core	4.69	<2	0.2	3.5	7.1	13	<0.1	1.0	0.9	112	0.40	6.9	<0.5	12.3	35	<0.1	<0.1	0.1	<2
613044	Drill Core	5.32	11	0.2	3.7	13.2	34	0.2	0.9	0.7	113	0.43	163.1	6.3	10.7	36	0.2	0.1	0.3	<2
613045	Drill Core	3.61	3	0.6	5.9	4.6	8	0.1	1.0	0.5	120	0.41	48.7	<0.5	13.4	44	<0.1	<0.1	0.1	<2
613046	Rock Pulp	0.04	2342	24.1	14.7	14.5	38	0.3	19.5	2.7	16	0.87	111.0	2316	3.6	91	0.2	76.1	0.1	60
613047	Drill Core	3.17	9	0.4	4.8	5.2	9	<0.1	0.9	0.9	135	0.47	97.9	2.2	12.6	49	<0.1	0.1	<0.1	<2
613048	Drill Core	3.00	5	0.3	7.9	9.4	11	0.1	1.9	1.0	125	0.51	3.6	0.7	13.1	46	<0.1	0.2	0.1	<2
613049	Drill Core	4.03	51	0.2	36.1	32.6	70	0.6	23.1	5.1	236	1.48	988.3	71.2	6.3	99	0.4	0.5	0.4	9
613050	Drill Core	2.88	5	1.1	35.7	23.9	57	0.5	28.9	8.7	267	1.60	101.3	1.9	6.8	52	0.2	0.6	0.5	13



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
613021	Rock	0.081	14	10	0.60	215	0.150	<20	1.07	0.101	0.52	0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
613022	Drill Core	0.003	36	8	0.06	98	<0.001	<20	0.26	0.024	0.22	<0.1	0.01	0.4	<0.1	0.11	<1	<0.5	<0.2
613023	Drill Core	0.010	41	4	0.05	115	<0.001	<20	0.33	0.024	0.25	<0.1	<0.01	0.8	0.1	<0.05	1	<0.5	<0.2
613024	Drill Core	0.011	32	4	0.04	100	<0.001	<20	0.30	0.008	0.23	0.1	<0.01	0.8	<0.1	<0.05	<1	<0.5	<0.2
613025	Drill Core	0.007	40	6	0.04	151	<0.001	<20	0.36	0.008	0.24	0.1	<0.01	0.7	<0.1	<0.05	1	<0.5	<0.2
613026	Drill Core	0.004	44	4	0.04	125	<0.001	<20	0.23	0.015	0.20	0.1	0.01	0.9	0.1	0.08	1	<0.5	<0.2
613027	Drill Core	0.004	31	11	0.08	140	<0.001	<20	0.28	0.017	0.24	0.1	<0.01	1.0	<0.1	0.09	1	<0.5	<0.2
613028	Drill Core	0.003	36	4	0.06	116	<0.001	<20	0.23	0.016	0.23	<0.1	<0.01	0.7	<0.1	0.06	1	<0.5	<0.2
613029	Drill Core	0.003	48	4	0.05	136	0.002	<20	0.28	0.014	0.27	0.1	<0.01	1.4	<0.1	0.10	2	0.8	<0.2
613030	Drill Core	0.003	32	9	0.05	111	<0.001	<20	0.22	0.034	0.19	0.1	<0.01	0.6	<0.1	0.09	<1	<0.5	<0.2
613031	Drill Core	0.003	35	5	0.04	114	<0.001	<20	0.26	0.032	0.20	0.2	<0.01	0.4	<0.1	0.14	<1	0.5	<0.2
613032	Drill Core	0.002	34	7	0.04	123	<0.001	<20	0.28	0.040	0.22	0.2	<0.01	0.4	<0.1	0.15	<1	<0.5	<0.2
613033	Drill Core	0.003	31	5	0.06	155	<0.001	<20	0.27	0.019	0.25	0.2	<0.01	0.4	<0.1	0.11	<1	<0.5	<0.2
613034	Drill Core	0.002	33	5	0.12	144	<0.001	<20	0.21	0.044	0.14	0.1	<0.01	0.9	<0.1	0.16	<1	<0.5	<0.2
613035	Drill Core	0.002	30	9	0.11	108	<0.001	<20	0.19	0.037	0.16	<0.1	<0.01	0.7	<0.1	0.23	<1	<0.5	<0.2
613036	Drill Core	0.003	31	4	0.06	113	0.001	<20	0.28	0.031	0.22	<0.1	<0.01	1.0	<0.1	0.19	1	<0.5	<0.2
613037	Drill Core	0.002	32	10	0.04	127	0.001	<20	0.27	0.032	0.21	<0.1	<0.01	0.9	<0.1	0.17	<1	<0.5	<0.2
613038	Drill Core	0.002	33	4	0.03	129	0.001	<20	0.26	0.034	0.21	<0.1	<0.01	1.0	<0.1	0.09	1	<0.5	<0.2
613039	Drill Core	0.002	36	10	0.04	162	0.001	<20	0.35	0.035	0.26	<0.1	<0.01	1.0	<0.1	0.14	1	<0.5	<0.2
613040	Drill Core	0.003	32	6	0.07	132	0.001	<20	0.29	0.034	0.22	<0.1	<0.01	0.9	<0.1	0.18	1	<0.5	<0.2
613041	Drill Core	0.004	35	7	0.16	134	0.001	<20	0.30	0.026	0.23	<0.1	<0.01	0.9	<0.1	0.10	1	<0.5	<0.2
613042	Drill Core	0.004	35	4	0.10	152	0.001	<20	0.31	0.033	0.26	<0.1	<0.01	0.9	<0.1	0.06	1	<0.5	<0.2
613043	Drill Core	0.003	32	6	0.06	141	<0.001	<20	0.27	0.028	0.24	<0.1	<0.01	1.0	<0.1	<0.05	<1	<0.5	<0.2
613044	Drill Core	0.003	29	4	0.07	127	<0.001	<20	0.24	0.028	0.20	0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2
613045	Drill Core	0.003	32	7	0.07	168	<0.001	<20	0.30	0.028	0.26	3.1	<0.01	0.9	<0.1	0.05	1	<0.5	<0.2
613046	Rock Pulp	0.024	15	25	0.04	3991	0.001	<20	0.27	0.005	0.10	10.6	1.80	1.3	2.2	0.12	1	0.7	0.3
613047	Drill Core	0.003	35	4	0.09	139	<0.001	<20	0.29	0.030	0.25	0.2	<0.01	0.9	<0.1	0.09	1	<0.5	<0.2
613048	Drill Core	0.003	34	7	0.09	128	<0.001	<20	0.26	0.036	0.20	<0.1	<0.01	1.2	<0.1	0.15	<1	<0.5	<0.2
613049	Drill Core	0.010	12	14	0.35	251	0.001	<20	0.31	0.013	0.26	0.3	0.01	2.1	<0.1	0.40	1	1.0	<0.2
613050	Drill Core	0.023	12	20	0.19	151	0.001	<20	0.30	0.006	0.24	0.2	0.01	2.2	<0.1	0.10	1	<0.5	<0.2



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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613051	Drill Core	2.17	49	1.4	38.2	74.7	160	0.7	21.7	7.8	398	1.89	966.8	38.3	18.5	171	0.9	0.9	0.5	5
613052	Drill Core	3.29	29	0.2	28.0	28.4	55	0.5	19.8	6.0	322	1.61	88.1	3.6	11.0	164	0.3	1.1	0.4	8
613053	Drill Core	3.19	26	0.3	26.0	46.9	74	0.6	12.3	4.0	237	1.20	584.9	38.3	7.3	136	0.7	0.9	0.7	5
613054	Drill Core	4.67	5	0.4	19.8	28.2	46	0.4	9.6	2.2	262	1.15	95.5	7.7	7.9	151	0.2	0.6	0.4	3
613055	Drill Core	4.09	14	0.7	23.8	90.1	109	0.6	19.4	5.2	330	1.67	637.3	12.0	12.7	172	0.6	0.6	0.5	6
613056	Rock	0.64	<2	0.1	1.7	5.0	51	<0.1	3.8	4.6	577	1.96	0.9	2.6	5.7	66	<0.1	<0.1	<0.1	37
613057	Drill Core	4.73	52	78.5	10.2	104.9	105	0.8	20.6	5.4	346	1.32	208.7	20.8	16.1	156	0.5	0.3	1.2	5
613058	Drill Core	4.66	<2	44.7	10.6	36.0	56	0.3	18.1	4.8	298	1.05	20.7	3.6	14.7	107	0.3	0.1	0.3	3
613059	Drill Core	4.94	7	5.1	15.1	21.0	33	0.3	6.1	2.5	213	1.02	20.0	9.6	12.8	112	0.2	0.2	0.3	4
613060	Drill Core	3.22	12	0.3	16.4	26.0	36	0.3	7.7	2.2	182	0.82	338.0	9.2	9.7	94	0.2	0.3	0.2	3
613061	Drill Core	3.32	17	0.2	28.5	73.6	64	0.7	23.1	5.9	306	1.57	436.5	13.6	7.9	126	0.3	1.1	0.6	8
613062	Drill Core	3.85	87	1.1	36.1	52.3	86	0.8	15.3	15.3	451	2.22	1176	92.5	10.4	153	0.3	1.1	0.4	4
613063	Drill Core	3.46	14	0.2	11.9	19.3	24	0.3	5.2	2.4	131	1.04	177.6	23.9	7.9	48	<0.1	0.3	0.2	<2
613064	Drill Core	3.02	22	0.2	16.7	18.2	50	0.3	9.2	5.4	457	2.11	796.3	26.7	7.6	144	<0.1	0.2	0.2	4
613065	Drill Core	5.28	25	0.1	17.0	25.5	49	0.3	10.1	4.1	539	2.05	706.5	32.5	8.6	170	0.2	0.3	0.3	5
613066	Drill Core	2.02	110	<0.1	11.1	51.8	62	0.4	6.5	4.4	371	1.38	1853	281.9	9.5	166	0.5	0.9	0.4	4
613067	Drill Core	2.59	96	<0.1	10.5	45.1	58	0.3	5.7	2.8	360	1.21	1158	63.9	8.5	174	0.5	0.7	0.4	4
613068	Drill Core	4.12	123	0.1	19.0	33.4	130	0.4	12.7	8.5	223	1.52	1440	115.3	10.0	90	0.5	0.7	0.3	3
613069	Drill Core	4.14	105	0.3	24.7	26.4	45	0.4	5.6	14.7	148	0.96	1140	68.4	14.2	56	0.3	0.3	0.2	<2



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613051	Drill Core	0.026	19	4	0.55	519	0.001	<20	0.38	0.017	0.31	0.3	0.01	1.5	<0.1	0.61	1	0.9
613052	Drill Core	0.019	13	11	0.64	232	<0.001	<20	0.34	0.012	0.24	0.2	0.01	1.9	0.1	0.51	1	<0.5
613053	Drill Core	0.006	14	9	0.44	198	<0.001	<20	0.28	0.010	0.21	0.2	<0.01	1.4	<0.1	0.36	<1	0.8
613054	Drill Core	0.005	15	8	0.49	176	<0.001	<20	0.28	0.008	0.20	0.2	0.01	1.3	<0.1	0.28	<1	<0.5
613055	Drill Core	0.012	13	6	0.52	196	<0.001	<20	0.32	0.010	0.25	0.2	0.01	1.5	0.1	0.48	<1	0.5
613056	Rock	0.086	11	11	0.61	241	0.138	<20	1.05	0.081	0.50	0.1	<0.01	2.0	0.3	<0.05	5	<0.5
613057	Drill Core	0.042	25	5	0.47	205	<0.001	<20	0.38	0.022	0.29	0.2	0.02	1.8	0.1	0.22	1	<0.5
613058	Drill Core	0.032	29	5	0.34	156	<0.001	<20	0.39	0.020	0.26	0.1	0.02	1.5	<0.1	0.14	1	<0.5
613059	Drill Core	0.008	22	5	0.36	160	<0.001	<20	0.32	0.022	0.22	0.1	0.01	1.3	<0.1	0.33	<1	<0.5
613060	Drill Core	0.006	22	7	0.30	173	<0.001	<20	0.30	0.007	0.23	0.1	0.01	1.1	<0.1	0.09	<1	<0.5
613061	Drill Core	0.009	14	10	0.35	175	<0.001	<20	0.30	0.007	0.21	0.1	0.02	1.8	<0.1	0.28	<1	0.6
613062	Drill Core	0.036	18	3	0.37	893	<0.001	<20	0.34	0.004	0.21	0.3	0.02	3.0	0.1	0.24	1	1.3
613063	Drill Core	0.035	17	2	0.09	85	<0.001	<20	0.37	0.001	0.23	0.2	0.02	1.1	0.2	0.36	1	<0.5
613064	Drill Core	0.049	8	4	0.31	204	<0.001	<20	0.37	0.005	0.23	0.2	0.02	1.8	0.2	0.73	1	<0.5
613065	Drill Core	0.041	11	4	0.51	262	<0.001	<20	0.45	0.014	0.26	0.3	0.01	2.2	0.1	0.65	2	<0.5
613066	Drill Core	0.012	17	5	0.47	258	<0.001	<20	0.33	0.007	0.21	0.2	0.02	1.9	<0.1	0.26	<1	<0.5
613067	Drill Core	0.011	18	6	0.47	200	<0.001	<20	0.32	0.009	0.22	0.2	0.01	1.8	<0.1	0.19	<1	<0.5
613068	Drill Core	0.009	17	5	0.21	176	<0.001	<20	0.29	0.005	0.22	0.2	0.02	1.7	<0.1	0.43	<1	<0.5
613069	Drill Core	0.009	27	2	0.13	222	<0.001	<20	0.34	0.003	0.23	0.2	0.02	1.0	<0.1	0.27	<1	<0.5



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
611320	Drill Core	4.19	4	69.9	2.9	1.7	9	<0.1	9.2	6.8	13	1.57	4.6	0.9	6.0	15	<0.1	0.3	0.2	3	<0.01
REP 611320	QC		4																		
611331	Drill Core	4.34	<2	37.3	12.9	4.4	18	<0.1	8.9	7.0	179	2.04	2.4	<0.5	4.1	9	0.1	1.0	0.4	<2	0.01
REP 611331	QC			49.1	14.1	4.3	17	<0.1	10.4	7.3	181	2.06	2.5	1.0	4.2	9	0.1	1.2	0.4	<2	0.02
611336	Drill Core	4.19	6	68.4	4.7	2.2	7	<0.1	4.8	8.8	19	2.09	3.1	78.6	4.3	9	<0.1	0.3	0.4	<2	0.02
REP 611336	QC		6																		
611364	Drill Core	4.24	<2	1.4	9.4	3.6	62	<0.1	1.9	12.8	931	3.81	1.1	<0.5	2.3	95	<0.1	<0.1	<0.1	102	3.03
REP 611364	QC			1.4	8.2	3.4	64	<0.1	2.0	13.1	966	3.91	0.9	<0.5	2.4	96	<0.1	<0.1	<0.1	107	3.11
611371	Drill Core	4.37	<2	2.4	8.7	10.6	86	<0.1	2.2	12.5	1276	4.28	1.3	2.4	2.4	27	0.2	1.0	<0.1	114	0.70
REP 611371	QC		3																		
611390	Drill Core	4.61	<2	0.3	6.5	4.9	60	<0.1	2.1	9.7	1027	3.29	1.2	<0.5	1.3	141	0.1	<0.1	<0.1	64	3.99
REP 611390	QC			0.3	6.4	4.7	60	<0.1	2.2	9.6	1019	3.24	1.2	0.7	1.3	134	<0.1	<0.1	<0.1	64	3.97
611416	Drill Core	3.41	<2	0.2	1.7	12.6	62	<0.1	8.6	7.9	792	1.94	2.5	<0.5	1.2	45	0.5	0.4	<0.1	58	1.93
REP 611416	QC		<2																		
611420	Drill Core	2.06	3	0.2	7.8	17.6	81	0.3	7.2	9.5	972	2.22	1.4	0.7	1.3	110	0.2	0.3	<0.1	51	3.71
REP 611420	QC			0.1	8.0	17.1	80	0.3	6.4	9.2	956	2.22	1.8	<0.5	1.3	108	0.4	0.4	<0.1	52	3.59
611432	Drill Core	5.33	<2	0.6	22.3	31.6	70	0.2	29.7	19.0	1221	4.10	2.0	1.3	1.7	222	0.3	0.1	<0.1	119	3.79
REP 611432	QC		<2																		
611459	Drill Core	4.36	<2	0.5	3.7	28.6	80	0.2	7.3	10.1	1440	2.02	13.8	<0.5	1.4	83	0.6	0.4	<0.1	35	3.56
REP 611459	QC			0.5	3.9	27.7	79	0.2	7.4	10.2	1476	1.94	14.0	<0.5	1.4	83	0.6	0.4	<0.1	33	3.62
611471	Drill Core	4.88	<2	0.6	0.8	13.8	68	<0.1	4.2	5.7	875	2.54	0.9	0.9	1.9	69	0.4	0.4	<0.1	43	2.27
REP 611471	QC		<2																		
611476	Drill Core	4.65	<2	0.6	0.4	13.2	67	<0.1	3.8	5.1	881	2.50	0.7	<0.5	2.4	66	0.4	0.2	<0.1	43	2.33
REP 611476	QC			0.6	0.9	13.9	69	<0.1	3.0	5.0	907	2.60	0.7	<0.5	2.5	70	0.4	0.2	<0.1	43	2.44
613029	Drill Core	2.89	3	0.4	10.5	28.5	38	0.3	3.8	1.4	158	1.25	4.6	<0.5	24.7	16	<0.1	0.3	0.4	2	0.14
REP 613029	QC			0.4	10.6	28.6	37	0.3	4.0	1.5	161	1.27	4.4	<0.5	25.2	16	0.1	0.3	0.5	3	0.14
REP 613062	QC		92																		
Core Reject Duplicates																					



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Method Analyte Unit MDL	1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																		
611320 Drill Core	0.007	10	1	<0.01	103	<0.001	<20	0.45	0.005	0.20	0.3	<0.01	0.4	<0.1	1.75	<1	1.3	<0.2
REP 611320 QC																		
611331 Drill Core	0.005	11	7	0.01	69	<0.001	<20	0.32	0.005	0.20	0.4	0.02	0.2	<0.1	2.06	<1	2.0	<0.2
REP 611331 QC	0.006	10	7	0.01	66	<0.001	<20	0.33	0.005	0.20	0.3	0.02	0.2	<0.1	2.11	<1	1.5	<0.2
611336 Drill Core	0.006	7	<1	<0.01	66	<0.001	<20	0.28	0.006	0.19	0.3	<0.01	<0.1	<0.1	2.30	<1	1.1	<0.2
REP 611336 QC																		
611364 Drill Core	0.184	22	12	1.40	108	0.012	<20	1.49	0.031	0.09	<0.1	<0.01	10.6	<0.1	<0.05	8	<0.5	<0.2
REP 611364 QC	0.188	22	12	1.44	105	0.012	<20	1.56	0.032	0.09	<0.1	<0.01	10.2	<0.1	<0.05	9	<0.5	<0.2
611371 Drill Core	0.208	26	11	0.25	310	0.019	<20	0.86	<0.001	0.06	15.1	0.03	10.4	<0.1	<0.05	3	<0.5	<0.2
REP 611371 QC																		
611390 Drill Core	0.163	25	9	1.12	859	0.010	<20	1.68	0.025	0.08	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5	<0.2
REP 611390 QC	0.163	25	9	1.10	818	0.008	<20	1.69	0.024	0.08	<0.1	<0.01	6.8	<0.1	<0.05	8	<0.5	<0.2
611416 Drill Core	0.084	8	16	0.55	106	0.007	<20	0.63	0.002	0.08	1.9	0.37	6.6	0.1	0.11	2	0.6	<0.2
REP 611416 QC																		
611420 Drill Core	0.072	14	20	1.26	395	0.002	<20	0.61	0.003	0.09	0.3	0.14	5.3	<0.1	0.09	2	<0.5	<0.2
REP 611420 QC	0.071	14	21	1.24	390	0.001	<20	0.59	0.003	0.09	0.4	0.20	5.5	<0.1	0.09	2	<0.5	<0.2
611432 Drill Core	0.136	17	90	1.95	157	0.010	<20	1.24	0.066	0.14	<0.1	<0.01	12.1	<0.1	<0.05	6	0.9	<0.2
REP 611432 QC																		
611459 Drill Core	0.071	10	7	1.31	624	0.002	<20	0.65	0.004	0.11	0.8	0.32	4.1	0.3	0.51	2	<0.5	<0.2
REP 611459 QC	0.071	10	7	1.35	593	0.002	<20	0.63	0.004	0.10	0.7	0.31	3.9	0.3	0.52	2	<0.5	<0.2
611471 Drill Core	0.079	9	13	0.82	168	0.021	<20	0.65	0.003	0.07	2.2	0.04	4.2	<0.1	<0.05	2	<0.5	<0.2
REP 611471 QC																		
611476 Drill Core	0.087	10	14	0.78	9	0.013	<20	0.94	0.002	0.09	1.5	0.03	4.3	<0.1	<0.05	3	<0.5	<0.2
REP 611476 QC	0.093	11	14	0.81	9	0.012	<20	0.92	0.003	0.10	1.5	0.03	4.4	<0.1	<0.05	3	<0.5	<0.2
613029 Drill Core	0.003	48	4	0.05	136	0.002	<20	0.28	0.014	0.27	0.1	<0.01	1.4	<0.1	0.10	2	0.8	<0.2
REP 613029 QC	0.003	49	4	0.05	139	0.002	<20	0.29	0.014	0.27	0.1	<0.01	1.5	<0.1	0.10	2	<0.5	<0.2
REP 613062 QC																		
Core Reject Duplicates																		



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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611308	Drill Core	5.26	5	57.5	3.3	2.4	15	<0.1	6.2	11.2	16	1.89	3.5	<0.5	4.1	39	0.3	0.3	0.4	<2
DUP 611308	QC		5	54.2	2.9	2.1	12	<0.1	5.0	10.4	14	1.81	2.0	<0.5	3.9	36	0.2	0.3	0.4	<2
611343	Drill Core	4.98	4	20.4	3.3	3.0	14	<0.1	7.2	12.4	17	2.41	7.0	2.4	3.6	13	<0.1	0.2	0.4	<2
DUP 611343	QC		2	19.0	3.7	2.7	14	<0.1	7.2	12.5	16	2.39	6.4	2.3	3.7	12	0.1	0.3	0.4	<2
611378	Drill Core	4.90	<2	0.3	7.4	10.0	77	<0.1	2.7	10.7	1435	3.56	1.2	1.4	1.4	37	0.2	0.7	<0.1	71
DUP 611378	QC		4	0.3	8.2	10.3	77	<0.1	2.9	11.0	1469	3.56	1.1	1.0	1.3	36	0.2	0.7	<0.1	71
611413	Drill Core	2.85	<2	0.4	27.6	19.8	94	0.2	5.7	16.5	813	4.47	1.8	1.8	1.5	81	0.4	1.8	<0.1	147
DUP 611413	QC		<2	0.3	27.1	19.2	92	0.1	6.1	17.1	800	4.48	1.9	<0.5	1.5	80	0.4	1.8	<0.1	150
611448	Drill Core	4.24	<2	0.6	1.4	20.7	61	<0.1	3.1	5.5	794	2.32	1.7	<0.5	2.8	68	0.2	0.3	<0.1	51
DUP 611448	QC		<2	0.6	1.5	20.3	58	<0.1	2.9	5.4	755	2.20	1.5	<0.5	2.7	63	0.2	0.3	<0.1	49
611483	Drill Core	4.92	<2	0.5	0.5	11.2	49	<0.1	2.7	4.2	659	2.39	0.6	<0.5	2.0	53	0.2	0.1	<0.1	39
DUP 611483	QC		<2	0.5	0.4	11.0	49	<0.1	2.7	4.1	651	2.41	0.6	<0.5	2.0	56	0.2	0.3	<0.1	41
613027	Drill Core	5.03	<2	0.2	9.3	24.6	71	0.2	3.6	1.4	147	1.12	3.2	<0.5	16.7	40	0.5	0.3	0.3	2
DUP 613027	QC		<2	0.2	8.6	21.7	68	0.2	3.4	1.3	140	1.07	3.2	<0.5	14.8	38	0.5	0.3	0.3	<2
613062	Drill Core	3.85	87	1.1	36.1	52.3	86	0.8	15.3	15.3	451	2.22	1176	92.5	10.4	153	0.3	1.1	0.4	4
DUP 613062	QC		93	0.9	34.5	49.2	86	0.6	14.9	15.1	456	2.16	1137	98.9	10.6	158	0.2	1.1	0.4	4
Reference Materials																				
STD DS8	Standard			13.1	104.7	121.9	296	1.9	40.6	6.7	611	2.41	22.5	101.2	6.5	61	2.0	4.4	6.4	40
STD DS8	Standard			13.8	120.4	114.5	315	1.7	40.3	8.2	612	2.54	25.0	100.9	6.7	70	2.2	4.9	6.5	43
STD DS8	Standard			13.6	109.2	121.5	295	1.8	38.6	7.2	596	2.48	25.2	108.8	6.3	70	2.0	3.1	6.1	40
STD DS8	Standard			14.0	119.6	120.6	308	1.6	40.7	7.7	613	2.56	24.2	95.4	6.7	63	2.0	4.4	6.2	42
STD DS8	Standard			13.8	101.7	126.9	307	1.8	36.4	7.4	595	2.48	24.3	105.9	7.0	73	2.3	4.7	7.4	40
STD DS8	Standard			13.8	109.1	126.8	322	1.7	38.0	7.5	642	2.53	25.5	137.7	6.7	75	2.0	4.4	6.7	43
STD DS8	Standard			12.6	112.9	119.6	318	1.6	37.6	7.6	616	2.55	24.6	83.1	6.9	70	2.4	4.6	6.8	41
STD DS8	Standard			13.5	113.2	123.4	313	1.8	38.3	7.4	637	2.46	26.2	99.5	6.7	66	2.2	4.4	6.8	40
STD OREAS45CA	Standard			1.1	503.8	21.4	60	0.3	250.9	92.4	950	16.31	4.6	44.9	7.4	14	<0.1	0.2	0.2	207
STD OREAS45CA	Standard			1.0	539.1	20.2	65	0.3	273.0	97.9	959	16.85	4.4	39.3	7.0	17	<0.1	0.1	0.2	216
STD OREAS45CA	Standard			0.5	522.9	18.8	62	0.3	252.9	94.1	916	16.14	4.4	41.2	6.4	16	0.1	<0.1	0.2	205
STD OREAS45CA	Standard			1.0	523.2	20.7	60	0.3	259.4	94.9	954	17.12	4.2	38.4	7.0	16	0.1	<0.1	0.2	211



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
611308	Drill Core	0.007	4	<1	0.01	63	<0.001	<20	0.29	0.005	0.19	0.3	<0.01	0.3	0.1	2.16	<1	1.8	<0.2
DUP 611308	QC	0.006	4	1	<0.01	65	<0.001	<20	0.24	0.005	0.17	0.2	0.02	0.2	<0.1	2.05	<1	1.6	<0.2
611343	Drill Core	0.005	7	<1	0.01	66	<0.001	<20	0.32	0.006	0.20	0.3	0.02	0.1	0.1	2.66	<1	1.0	<0.2
DUP 611343	QC	0.005	8	<1	0.01	71	<0.001	<20	0.33	0.006	0.21	0.4	0.01	0.2	0.1	2.65	<1	1.5	<0.2
611378	Drill Core	0.165	25	8	0.51	1154	0.006	<20	0.86	<0.001	0.09	5.4	0.06	6.0	0.1	0.05	3	<0.5	<0.2
DUP 611378	QC	0.163	25	8	0.54	978	0.006	<20	0.78	<0.001	0.09	5.0	0.07	6.3	<0.1	<0.05	3	<0.5	<0.2
611413	Drill Core	0.234	17	23	0.61	37	0.024	<20	0.77	0.002	0.06	3.5	<0.01	12.1	<0.1	<0.05	3	<0.5	<0.2
DUP 611413	QC	0.239	17	22	0.61	37	0.024	<20	0.79	0.002	0.06	3.4	<0.01	12.6	<0.1	<0.05	3	<0.5	<0.2
611448	Drill Core	0.086	13	12	0.80	16	0.016	<20	0.58	0.003	0.09	3.1	<0.01	4.9	<0.1	<0.05	2	<0.5	<0.2
DUP 611448	QC	0.083	12	12	0.76	15	0.015	<20	0.58	0.002	0.09	2.9	<0.01	4.7	<0.1	<0.05	2	<0.5	<0.2
611483	Drill Core	0.085	10	14	0.53	177	0.011	<20	0.87	0.002	0.08	1.0	<0.01	4.2	<0.1	<0.05	3	<0.5	<0.2
DUP 611483	QC	0.086	10	14	0.53	219	0.018	<20	0.80	0.002	0.08	1.5	<0.01	4.2	<0.1	<0.05	2	<0.5	<0.2
613027	Drill Core	0.004	31	11	0.08	140	<0.001	<20	0.28	0.017	0.24	0.1	<0.01	1.0	<0.1	0.09	1	<0.5	<0.2
DUP 613027	QC	0.004	27	12	0.07	116	<0.001	<20	0.21	0.014	0.20	<0.1	<0.01	0.8	<0.1	0.09	<1	<0.5	<0.2
613062	Drill Core	0.036	18	3	0.37	893	<0.001	<20	0.34	0.004	0.21	0.3	0.02	3.0	0.1	0.24	1	1.3	<0.2
DUP 613062	QC	0.036	19	3	0.37	1116	<0.001	<20	0.34	0.004	0.20	0.3	0.02	2.9	0.1	0.19	<1	1.0	<0.2
Reference Materials																			
STD DS8	Standard	0.073	14	114	0.59	270	0.112	<20	0.93	0.102	0.42	2.9	0.21	1.6	5.3	0.16	5	6.1	4.0
STD DS8	Standard	0.078	16	121	0.62	279	0.135	<20	0.98	0.106	0.43	2.9	0.26	2.1	5.0	0.17	5	5.1	4.8
STD DS8	Standard	0.073	15	116	0.61	279	0.110	<20	1.05	0.120	0.45	2.2	0.16	2.0	5.5	0.15	4	5.3	4.6
STD DS8	Standard	0.077	15	120	0.63	276	0.131	<20	0.95	0.098	0.44	2.7	0.16	2.2	5.1	0.17	5	5.2	4.6
STD DS8	Standard	0.076	16	108	0.62	301	0.108	<20	0.96	0.092	0.42	2.7	0.18	2.0	5.3	0.15	5	5.5	5.0
STD DS8	Standard	0.076	16	116	0.63	297	0.116	<20	0.97	0.097	0.43	2.3	0.21	2.3	5.2	0.17	5	6.3	5.3
STD DS8	Standard	0.080	17	122	0.63	283	0.130	<20	1.04	0.108	0.44	1.9	0.18	2.2	5.0	0.15	5	4.1	4.7
STD DS8	Standard	0.086	15	114	0.62	288	0.115	<20	0.93	0.085	0.42	2.9	0.18	2.2	5.3	0.16	4	4.5	4.6
STD OREAS45CA	Standard	0.038	16	745	0.16	154	0.146	<20	3.73	0.009	0.08	<0.1	0.04	37.1	0.2	<0.05	21	1.2	<0.2
STD OREAS45CA	Standard	0.037	17	721	0.16	165	0.159	<20	3.99	0.010	0.08	<0.1	<0.01	39.4	<0.1	<0.05	19	0.8	<0.2
STD OREAS45CA	Standard	0.038	15	678	0.16	148	0.099	<20	4.07	0.006	0.08	<0.1	0.03	40.0	0.1	<0.05	18	1.4	<0.2
STD OREAS45CA	Standard	0.037	17	710	0.17	160	0.166	<20	3.87	0.008	0.08	<0.1	0.03	43.7	<0.1	<0.05	19	0.7	<0.2



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Sixty Mile

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November 14, 2011

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Part 1

QUALITY CONTROL REPORT

WHI11001580.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OREAS45CA	Standard			0.8	517.1	19.2	64	0.3	251.1	88.5	942	16.45	3.9	34.3	6.5	17	<0.1	<0.1	0.2	223	0.43
STD OREAS45CA	Standard			0.8	551.0	22.7	63	0.3	274.2	97.4	991	17.22	4.2	46.4	7.6	18	0.1	<0.1	0.2	214	0.47
STD OREAS45CA	Standard			0.4	514.1	20.0	63	0.3	240.0	87.9	916	15.82	3.6	37.7	6.7	15	0.1	<0.1	0.2	192	0.43
STD OREAS45CA	Standard			0.7	525.6	22.1	65	0.3	261.3	90.4	928	15.14	4.0	55.9	7.2	16	0.1	<0.1	0.2	213	0.43
STD OXC88	Standard		199																		
STD OXC88	Standard		206																		
STD OXC88	Standard		205																		
STD OXC88	Standard		194																		
STD OXC88	Standard		202																		
STD OXC88	Standard		194																		
STD OXC88	Standard		195																		
STD OXC88	Standard		200																		
STD OXC88	Standard		196																		
STD OXH82	Standard		1278																		
STD OXH82	Standard		1264																		
STD OXH82	Standard		1233																		
STD OXH82	Standard		1282																		
STD OXH82	Standard		1312																		
STD OXH82	Standard		1233																		
STD OXH82	Standard		1262																		
STD OXH82	Standard		1290																		
STD OXH82	Standard		1276																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



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Part 2

QUALITY CONTROL REPORT

WHI11001580.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OREAS45CA	Standard	0.037	16	657	0.17	157	0.133	<20	4.16	0.005	0.08	<0.1	0.03	36.3	<0.1	<0.05	19	0.7	<0.2
STD OREAS45CA	Standard	0.043	18	751	0.17	182	0.133	<20	4.12	0.009	0.08	<0.1	0.02	40.9	<0.1	<0.05	20	1.6	<0.2
STD OREAS45CA	Standard	0.037	15	651	0.15	154	0.090	<20	3.87	0.008	0.07	<0.1	0.02	38.0	<0.1	<0.05	18	<0.5	<0.2
STD OREAS45CA	Standard	0.043	16	670	0.15	163	0.131	<20	3.79	0.008	0.07	<0.1	0.04	38.2	<0.1	<0.05	19	<0.5	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2



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Part 1

QUALITY CONTROL REPORT

WHI11001580.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
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BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<2	<0.1	5.0	3.3	43	<0.1	5.2	3.7	531	1.86	4.3	1.7	5.2	54	<0.1	0.6	0.4	36	0.48
G1	Prep Blank		<2	<0.1	3.1	5.0	46	<0.1	2.4	3.4	579	1.90	4.2	0.6	4.7	52	<0.1	0.1	0.2	37	0.44



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Part 2

QUALITY CONTROL REPORT

WHI11001580.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.077	11	8	0.53	140	0.119	<20	1.02	0.137	0.53	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.069	11	3	0.48	135	0.121	<20	0.95	0.113	0.51	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2



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Radius Gold Inc.

Suite 650 - 200 Burrard Street
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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: September 14, 2011

Report Date: November 29, 2011

Page: 1 of 6

CERTIFICATE OF ANALYSIS

WHI11001592.2

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-24
P.O. Number: NA-11330
Number of Samples: 139

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
Suite 650 - 200 Burrard Street
Vancouver BC V6C 3L6
Canada

CC: Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	135	Crush, split and pulverize 250 g rock to 200 mesh			SMI
3B01	139	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	139	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS

Version 2: Sample ID corrected (613072)



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001592.2

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613070	Drill Core	4.08	75	0.5	11.5	26.7	102	0.4	8.2	7.3	634	2.68	330.7	61.3	15.3	226	0.4	0.7	0.3	4
613071	Drill Core	5.65	90	<0.1	4.9	8.5	8	0.1	0.6	0.7	92	0.46	493.8	44.2	19.6	46	<0.1	0.3	0.1	<2
613072	Drill Core	2.74	80	0.1	6.4	4.7	5	<0.1	0.8	0.6	135	0.50	198.3	84.6	19.2	74	<0.1	0.3	<0.1	<2
613073	Drill Core	3.16	105	2.7	4.4	9.1	6	0.1	0.8	0.6	152	0.53	150.2	85.9	19.9	86	<0.1	0.3	<0.1	<2
613074	Drill Core	2.82	20	2.9	6.3	6.5	5	<0.1	0.8	0.7	200	0.46	260.5	11.8	21.0	113	<0.1	0.2	<0.1	<2
613075	Drill Core	2.36	149	0.8	5.1	10.0	11	0.1	3.1	0.8	159	0.46	169.2	20.2	16.1	97	0.1	0.2	0.1	<2
613076	Drill Core	3.31	40	3.6	5.1	7.1	4	<0.1	0.6	0.6	182	0.41	92.9	20.2	19.7	119	<0.1	0.2	<0.1	<2
613077	Drill Core	2.50	5	1.9	5.7	7.5	5	<0.1	1.6	0.8	164	0.58	7.9	5.1	22.0	114	<0.1	0.2	<0.1	<2
613078	Drill Core	4.40	31	0.2	5.9	12.7	4	0.2	1.3	0.8	146	0.46	188.4	47.0	21.3	98	<0.1	0.1	0.1	<2
613079	Drill Core	4.33	108	0.5	8.0	13.7	6	0.2	1.5	1.1	126	0.66	338.8	231.5	22.4	83	<0.1	0.3	0.1	<2
613080	Drill Core	4.67	<2	2.3	5.7	9.6	7	0.1	2.3	0.8	172	0.60	3.8	3.8	18.9	146	<0.1	0.4	0.1	<2
613081	Drill Core	4.41	7	2.4	5.3	11.1	12	0.1	8.0	1.5	319	0.88	18.2	6.5	17.7	196	<0.1	0.5	<0.1	<2
613082	Rock Pulp	0.05	2800	16.8	41.6	40.4	191	1.1	50.3	6.5	263	2.00	561.7	48.6	3.5	52	2.1	34.7	0.3	103
613083	Drill Core	3.43	10	1.9	7.1	14.5	22	0.1	29.1	3.8	306	1.22	55.2	9.1	21.6	236	<0.1	0.6	0.1	4
613084	Drill Core	3.52	8	6.3	5.1	10.1	6	0.1	0.6	1.1	274	0.60	24.5	6.2	22.7	255	<0.1	0.2	0.1	<2
613085	Drill Core	4.79	9	5.1	4.2	12.7	8	<0.1	1.0	0.9	204	0.57	17.9	7.9	20.8	214	<0.1	0.3	0.1	<2
613086	Drill Core	4.63	35	5.4	5.3	11.4	6	0.2	0.7	0.7	252	0.53	198.8	38.9	19.2	200	<0.1	0.2	0.2	<2
613087	Drill Core	5.17	63	0.7	7.5	12.3	8	0.1	0.6	0.9	213	0.67	85.5	20.7	18.9	187	<0.1	0.1	0.1	<2
613088	Drill Core	4.47	33	1.2	6.0	10.3	6	<0.1	0.4	0.6	251	0.62	177.2	19.1	18.7	179	<0.1	0.1	0.1	<2
613089	Drill Core	4.33	11	1.0	9.5	20.9	7	0.1	0.8	0.9	180	0.74	55.3	1.9	19.5	83	<0.1	0.2	0.2	<2
613090	Drill Core	3.88	81	0.8	11.0	5.9	15	0.1	0.9	0.9	163	0.91	494.5	15.0	19.1	72	0.1	0.3	<0.1	<2
613091	Drill Core	1.82	6	0.6	22.1	115.7	111	0.6	20.9	7.0	319	1.67	152.1	1.8	15.9	89	0.4	0.3	0.4	10
613092	Rock	0.63	<2	0.1	1.3	4.0	49	<0.1	3.6	4.3	563	2.04	1.1	<0.5	5.7	62	<0.1	<0.1	<0.1	38
613093	Drill Core	2.53	31	0.4	11.4	120.3	173	0.7	13.5	4.3	198	1.22	258.6	3.7	11.7	76	1.1	0.7	0.5	6
613094	Drill Core	3.66	4	1.5	8.0	84.3	63	0.4	8.7	2.3	317	1.00	56.1	16.8	24.7	102	0.4	0.4	0.3	4
613095	Drill Core	3.92	<2	11.5	9.0	111.9	62	0.6	19.3	3.7	257	1.06	18.7	1.6	15.7	71	0.4	0.4	0.5	5
613096	Drill Core	3.95	<2	0.1	29.9	84.1	57	0.7	34.5	7.7	332	2.21	36.5	1.2	10.5	113	0.3	0.5	0.6	12
613097	Drill Core	5.13	14	0.2	7.3	17.6	16	0.1	3.0	1.1	203	0.68	225.4	11.2	13.7	100	<0.1	0.2	<0.1	<2
613098	Drill Core	1.54	38	0.9	9.1	86.7	59	0.4	8.7	2.6	177	1.00	502.3	45.8	15.8	53	0.5	0.3	0.2	<2
613099	Drill Core	2.68	110	0.3	20.3	117.7	116	1.0	14.1	5.8	219	1.47	349.4	42.7	12.1	61	0.7	0.5	0.5	4



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Part 2

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613070	Drill Core	0.024	19	2	0.59	442	<0.001	<20	0.36	0.008	0.25	0.3	<0.01	2.2	0.1	0.52	1	<0.5
613071	Drill Core	0.005	33	2	0.05	169	<0.001	<20	0.41	0.019	0.26	0.1	0.01	0.4	0.1	0.23	<1	<0.5
613072	Drill Core	0.003	34	<1	0.03	106	<0.001	<20	0.24	0.032	0.17	0.1	0.01	0.5	<0.1	0.29	<1	<0.5
613073	Drill Core	0.003	33	3	0.04	160	<0.001	<20	0.33	0.029	0.22	0.2	0.01	0.5	<0.1	0.21	<1	<0.5
613074	Drill Core	0.004	36	4	0.04	134	<0.001	<20	0.31	0.030	0.21	0.1	<0.01	0.5	<0.1	0.22	<1	<0.5
613075	Drill Core	0.003	29	8	0.04	126	<0.001	<20	0.28	0.029	0.18	0.8	<0.01	0.5	<0.1	0.20	<1	<0.5
613076	Drill Core	0.003	32	3	0.04	138	<0.001	<20	0.30	0.028	0.21	<0.1	<0.01	0.5	<0.1	0.18	<1	<0.5
613077	Drill Core	0.004	40	<1	0.05	184	<0.001	<20	0.32	0.029	0.21	<0.1	<0.01	0.6	<0.1	0.31	<1	<0.5
613078	Drill Core	0.005	35	3	0.05	132	<0.001	<20	0.35	0.033	0.22	<0.1	<0.01	0.5	<0.1	0.25	<1	<0.5
613079	Drill Core	0.004	34	<1	0.08	134	<0.001	<20	0.35	0.027	0.22	0.1	0.01	0.5	<0.1	0.35	<1	<0.5
613080	Drill Core	0.004	33	4	0.09	208	0.001	<20	0.31	0.041	0.20	<0.1	<0.01	0.7	<0.1	0.26	1	<0.5
613081	Drill Core	0.005	30	3	0.29	163	<0.001	<20	0.29	0.027	0.19	0.2	0.01	0.9	<0.1	0.23	<1	<0.5
613082	Rock Pulp	0.084	12	30	2.15	187	0.004	<20	0.54	0.006	0.21	3.7	4.75	2.7	2.1	1.40	2	3.3
613083	Drill Core	0.012	31	15	0.36	162	<0.001	<20	0.33	0.044	0.19	0.1	0.01	1.3	<0.1	0.35	1	<0.5
613084	Drill Core	0.005	35	<1	0.08	175	<0.001	<20	0.32	0.022	0.23	0.1	0.01	0.7	<0.1	0.24	1	<0.5
613085	Drill Core	0.017	35	4	0.06	204	0.001	<20	0.35	0.026	0.23	0.1	0.01	1.0	<0.1	0.19	1	<0.5
613086	Drill Core	0.009	32	<1	0.05	192	<0.001	<20	0.35	0.020	0.26	0.2	0.01	0.6	<0.1	0.21	1	<0.5
613087	Drill Core	0.019	28	4	0.06	212	<0.001	<20	0.35	0.032	0.24	<0.1	<0.01	0.9	<0.1	0.34	<1	<0.5
613088	Drill Core	0.023	29	<1	0.06	184	<0.001	<20	0.36	0.029	0.24	<0.1	<0.01	0.9	<0.1	0.25	<1	<0.5
613089	Drill Core	0.018	33	4	0.09	161	0.001	<20	0.40	0.048	0.26	<0.1	0.01	0.9	<0.1	0.38	2	<0.5
613090	Drill Core	0.014	30	<1	0.09	141	<0.001	<20	0.34	0.046	0.22	<0.1	<0.01	0.8	<0.1	0.50	1	<0.5
613091	Drill Core	0.022	23	10	0.35	193	<0.001	<20	0.43	0.019	0.30	0.1	0.01	1.8	<0.1	0.25	1	<0.5
613092	Rock	0.079	11	7	0.59	235	0.138	<20	1.04	0.090	0.51	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5
613093	Drill Core	0.016	16	8	0.28	188	0.001	<20	0.34	0.035	0.22	0.1	0.02	1.0	0.1	0.51	1	<0.5
613094	Drill Core	0.017	43	2	0.39	261	0.002	<20	0.45	0.039	0.31	0.1	<0.01	1.1	0.1	0.08	1	<0.5
613095	Drill Core	0.032	31	7	0.21	204	0.002	<20	0.43	0.034	0.28	<0.1	0.02	1.3	0.1	0.25	1	<0.5
613096	Drill Core	0.044	14	11	0.37	289	0.003	<20	0.57	0.017	0.39	0.1	0.02	1.9	0.2	0.81	2	<0.5
613097	Drill Core	0.006	30	4	0.23	191	<0.001	<20	0.38	0.037	0.26	0.2	0.01	1.0	0.2	0.15	1	<0.5
613098	Drill Core	0.006	24	1	0.17	118	<0.001	<20	0.41	0.008	0.26	<0.1	0.02	0.9	0.2	0.47	<1	<0.5
613099	Drill Core	0.014	18	5	0.17	190	<0.001	<20	0.47	0.007	0.27	0.2	0.02	1.3	0.2	0.70	1	<0.5



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Part 1

CERTIFICATE OF ANALYSIS

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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613100	Drill Core	2.17	32	0.1	9.5	45.0	17	0.3	1.4	0.8	127	0.60	304.8	24.0	19.9	46	<0.1	0.2	0.2	<2
613101	Drill Core	3.09	50	<0.1	7.3	39.0	10	0.3	0.7	1.3	97	0.66	274.1	48.4	21.8	56	<0.1	0.3	0.2	<2
613102	Drill Core	0.74	35	<0.1	7.9	69.4	10	0.4	0.8	0.9	85	0.66	213.8	43.2	21.6	37	<0.1	0.3	0.3	<2
613103	Drill Core	0.65	41	<0.1	8.6	76.3	9	0.4	2.0	1.4	65	0.72	222.3	35.9	19.3	23	<0.1	0.3	0.4	<2
613104	Drill Core	4.59	14	0.1	7.1	12.1	8	0.2	1.9	1.0	101	0.40	211.4	14.7	19.8	65	<0.1	0.3	0.1	<2
613105	Drill Core	3.78	66	<0.1	6.6	21.8	10	0.2	0.8	1.8	178	0.82	1215	44.2	18.6	89	<0.1	0.5	0.2	<2
613106	Drill Core	3.85	53	15.5	25.9	132.5	138	1.5	16.7	9.3	479	1.35	501.7	54.2	11.5	179	0.7	0.4	0.4	3
613107	Drill Core	4.11	77	0.2	19.5	55.3	51	0.5	3.7	10.4	138	0.87	409.2	64.2	12.9	45	0.3	0.1	0.2	<2
613108	Drill Core	4.90	5	0.8	30.2	22.8	40	0.5	15.9	7.4	223	1.19	34.4	9.0	11.6	87	0.2	0.1	0.2	6
613109	Drill Core	4.56	9	0.1	16.0	21.0	38	0.3	7.1	4.1	246	1.06	87.5	7.0	11.9	86	0.2	0.1	0.2	3
613110	Drill Core	3.45	129	0.7	15.2	141.1	142	0.9	8.3	2.7	312	1.44	489.6	34.2	12.1	101	0.7	0.1	0.4	3
613111	Drill Core	3.28	23	0.6	14.4	43.2	84	0.7	4.7	1.4	261	1.03	526.5	25.2	11.8	72	0.5	0.1	0.2	<2
613112	Drill Core	4.74	19	0.3	10.2	11.7	59	0.5	4.4	2.0	191	0.94	346.4	24.8	13.3	19	0.2	0.2	0.1	<2
613113	Drill Core	3.81	16	0.2	11.5	17.1	75	0.3	8.3	3.9	332	1.31	444.5	18.6	11.2	36	0.3	0.2	0.2	5
613114	Drill Core	3.61	<2	0.3	7.8	9.7	43	0.4	5.0	3.0	231	0.86	295.7	1.8	11.0	29	0.2	<0.1	0.1	2
613115	Drill Core	3.35	10	0.2	66.2	33.1	88	1.2	15.3	9.3	875	2.70	617.5	22.7	9.8	178	0.6	<0.1	0.5	18
613116	Drill Core	4.62	2	0.1	37.6	28.9	37	0.7	9.2	5.0	476	1.41	219.7	2.1	12.5	113	0.1	<0.1	0.3	9
613117	Rock Pulp	0.08	2199	20.2	14.5	16.0	40	0.3	19.1	2.6	16	0.90	109.4	3675	3.9	98	0.1	24.4	0.1	65
613118	Drill Core	4.49	4	0.1	4.9	16.1	15	0.2	1.3	1.3	89	0.30	59.2	1.2	16.3	25	0.1	<0.1	0.3	<2
613119	Drill Core	4.23	6	0.3	5.4	17.1	11	0.2	1.6	1.3	155	0.30	65.4	1.9	19.1	54	0.1	<0.1	0.1	<2
613120	Drill Core	4.67	<2	0.2	5.7	12.4	11	0.2	1.2	0.9	217	0.30	39.6	<0.5	15.7	62	<0.1	<0.1	0.2	<2
613121	Drill Core	3.31	<2	0.1	5.1	16.6	12	0.3	1.3	1.5	210	0.30	20.0	<0.5	19.4	66	0.1	<0.1	0.3	<2
613122	Drill Core	2.09	<2	0.2	4.7	15.8	19	0.2	1.8	0.8	205	0.44	90.9	3.0	14.9	67	0.1	<0.1	0.2	<2
613123	Drill Core	4.18	110	0.2	4.0	15.1	24	0.2	1.4	0.7	68	0.28	134.9	12.0	16.3	18	0.2	<0.1	0.3	<2
613124	Drill Core	2.02	9	0.1	12.4	48.6	70	0.8	2.5	1.9	42	0.58	169.7	7.5	16.7	16	0.4	<0.1	1.1	<2
613125	Drill Core	3.97	23	0.2	11.4	19.6	36	0.3	3.0	1.9	49	0.58	151.2	11.5	14.6	15	0.4	<0.1	0.3	<2
613126	Drill Core	2.84	6	0.2	11.9	37.1	51	0.3	6.4	3.2	283	0.94	56.4	4.4	11.4	82	0.4	<0.1	0.2	4
613127	Rock	0.93	<2	<0.1	1.5	3.1	51	<0.1	3.9	4.5	574	2.08	0.9	1.4	4.9	60	<0.1	<0.1	<0.1	40
613128	Drill Core	4.35	17	<0.1	33.6	17.8	64	0.4	22.7	7.7	379	2.75	249.8	4.0	12.2	48	0.2	0.1	0.3	10
613129	Drill Core	4.03	4	<0.1	20.4	18.5	43	0.3	13.1	4.7	394	1.73	32.0	8.1	11.7	82	0.1	0.2	0.2	6



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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613100	Drill Core	0.005	31	<1	0.12	108	<0.001	<20	0.38	0.011	0.21	<0.1	0.02	0.8	0.1	0.28	<1	<0.5
613101	Drill Core	0.005	34	2	0.05	121	<0.001	<20	0.40	0.034	0.25	<0.1	<0.01	0.5	0.1	0.50	1	<0.5
613102	Drill Core	0.006	29	<1	0.05	88	<0.001	<20	0.35	0.010	0.19	<0.1	0.02	0.3	<0.1	0.51	<1	<0.5
613103	Drill Core	0.003	31	2	0.08	84	0.001	<20	0.39	0.008	0.20	<0.1	<0.01	0.4	<0.1	0.55	1	<0.5
613104	Drill Core	0.003	34	4	0.05	120	<0.001	<20	0.35	0.030	0.21	<0.1	0.01	0.4	<0.1	0.28	1	<0.5
613105	Drill Core	0.003	25	<1	0.16	153	<0.001	<20	0.39	0.031	0.21	<0.1	<0.01	0.6	<0.1	0.61	1	0.7
613106	Drill Core	0.011	16	3	0.47	338	<0.001	<20	0.40	0.008	0.29	0.2	0.01	1.7	0.2	0.44	1	<0.5
613107	Drill Core	0.004	19	<1	0.12	232	<0.001	<20	0.37	0.005	0.28	<0.1	0.01	0.9	<0.1	0.70	1	<0.5
613108	Drill Core	0.016	21	6	0.20	282	<0.001	<20	0.48	0.008	0.35	<0.1	0.01	2.6	0.2	0.28	1	0.6
613109	Drill Core	0.009	28	4	0.23	382	<0.001	<20	0.41	0.007	0.30	<0.1	0.01	1.4	0.1	0.28	1	<0.5
613110	Drill Core	0.014	23	3	0.28	207	<0.001	<20	0.40	0.008	0.26	0.4	0.01	1.5	0.1	0.30	1	0.7
613111	Drill Core	0.005	30	2	0.17	191	<0.001	<20	0.49	0.006	0.31	3.7	0.01	1.6	0.2	0.23	2	<0.5
613112	Drill Core	0.008	36	3	0.10	115	<0.001	<20	0.43	0.004	0.28	0.8	0.01	1.4	0.1	0.11	1	0.5
613113	Drill Core	0.016	34	7	0.19	161	<0.001	<20	0.58	0.005	0.33	0.2	<0.01	2.8	0.1	<0.05	2	<0.5
613114	Drill Core	0.010	32	3	0.14	123	<0.001	<20	0.35	0.003	0.22	0.5	<0.01	1.6	<0.1	<0.05	1	<0.5
613115	Drill Core	0.051	19	9	0.64	292	0.001	<20	0.61	0.009	0.43	0.3	0.02	4.1	0.2	0.16	2	0.6
613116	Drill Core	0.024	24	7	0.35	824	<0.001	<20	0.43	0.006	0.32	0.1	0.02	2.2	0.1	0.08	1	<0.5
613117	Rock Pulp	0.024	17	25	0.05	2045	<0.001	<20	0.34	0.006	0.12	6.6	1.85	1.3	2.6	0.11	2	0.5
613118	Drill Core	0.003	31	2	0.04	110	<0.001	<20	0.39	0.004	0.31	0.2	0.02	0.3	<0.1	<0.05	1	0.7
613119	Drill Core	0.003	26	<1	0.04	126	<0.001	<20	0.36	0.004	0.25	0.3	<0.01	0.4	<0.1	<0.05	<1	0.7
613120	Drill Core	0.002	28	2	0.05	145	<0.001	<20	0.41	0.006	0.28	0.2	0.02	0.5	<0.1	<0.05	1	<0.5
613121	Drill Core	0.004	31	<1	0.06	113	<0.001	<20	0.38	0.005	0.26	<0.1	0.02	0.3	<0.1	0.06	1	<0.5
613122	Drill Core	0.003	25	1	0.08	141	<0.001	<20	0.38	0.004	0.28	0.2	0.02	0.6	0.1	0.12	1	<0.5
613123	Drill Core	0.003	29	<1	0.03	96	<0.001	<20	0.33	0.003	0.23	0.2	0.01	0.2	<0.1	0.06	1	<0.5
613124	Drill Core	0.003	30	2	0.04	109	<0.001	<20	0.43	0.004	0.31	0.1	0.02	0.6	0.1	0.15	2	<0.5
613125	Drill Core	0.003	25	1	0.04	117	<0.001	<20	0.36	0.004	0.26	0.1	0.01	0.6	<0.1	0.30	1	0.6
613126	Drill Core	0.009	23	7	0.24	667	<0.001	<20	0.46	0.006	0.31	<0.1	<0.01	1.6	<0.1	0.10	2	<0.5
613127	Rock	0.074	10	7	0.63	232	0.133	<20	1.06	0.068	0.51	<0.1	<0.01	1.8	0.3	<0.05	6	<0.5
613128	Drill Core	0.014	31	11	0.26	272	0.002	<20	0.78	0.009	0.50	<0.1	0.03	3.8	0.3	0.34	3	0.7
613129	Drill Core	0.014	28	7	0.26	193	0.002	<20	0.55	0.007	0.35	<0.1	0.02	3.2	0.2	0.21	2	0.6



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Part 1

CERTIFICATE OF ANALYSIS

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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613130	Drill Core	3.23	29	0.4	8.7	29.0	76	0.3	4.4	2.9	476	1.05	106.3	7.3	10.8	123	0.5	0.1	0.3	4
613131	Drill Core	1.72	<2	0.5	5.5	9.2	14	0.1	1.4	2.8	239	0.36	1.9	<0.5	15.7	66	0.1	<0.1	0.1	<2
613132	Drill Core	3.81	47	0.1	6.8	30.0	43	0.4	2.8	1.6	395	0.79	82.8	3.1	13.9	87	0.4	<0.1	0.4	<2
613133	Drill Core	3.96	18	0.2	6.1	21.2	13	0.2	2.7	1.2	145	0.32	68.3	18.3	13.6	38	0.1	<0.1	0.2	<2
613134	Drill Core	4.22	10	0.8	5.5	17.0	11	0.2	2.2	1.6	171	0.33	9.0	<0.5	19.5	47	<0.1	<0.1	0.3	<2
613135	Drill Core	2.20	<2	0.7	5.1	18.4	14	0.4	1.4	0.6	107	0.26	12.2	0.9	18.0	21	0.2	<0.1	0.6	<2
613136	Drill Core	4.47	4	0.4	7.4	15.4	12	0.2	1.7	0.7	37	0.26	10.4	0.5	14.2	22	<0.1	<0.1	0.3	<2
613137	Drill Core	1.88	31	0.1	38.1	18.5	57	0.4	6.1	5.1	250	1.06	211.3	21.2	10.8	54	0.3	0.1	0.3	10
613138	Drill Core	2.08	47	0.2	48.6	15.9	46	0.3	5.2	5.0	237	0.88	310.8	15.3	10.9	60	0.3	0.3	0.3	5
613139	Drill Core	4.39	76	0.1	8.8	10.0	17	0.1	1.4	1.0	180	0.66	321.1	17.4	13.8	91	0.1	0.2	0.2	<2
613140	Drill Core	2.66	<2	<0.1	6.6	8.5	19	0.1	1.8	0.9	169	0.60	29.7	<0.5	13.1	70	<0.1	0.2	0.2	<2
613141	Drill Core	4.60	<2	0.1	9.1	12.8	35	0.1	2.8	1.4	208	0.74	18.4	<0.5	14.4	85	0.2	0.2	0.2	<2
613142	Drill Core	2.84	50	<0.1	8.9	11.6	27	0.1	3.3	1.5	212	0.75	166.5	51.5	14.1	86	0.2	0.2	0.2	<2
613143	Drill Core	2.39	9	<0.1	9.1	8.7	14	0.1	2.6	1.1	189	0.66	6.2	6.6	14.0	84	<0.1	0.2	0.2	<2
613144	Drill Core	5.32	13	<0.1	6.9	6.9	10	<0.1	2.4	0.8	157	0.51	60.6	1.6	14.8	81	<0.1	0.2	0.1	<2
613145	Drill Core	4.95	9	0.1	9.1	17.7	19	0.2	2.6	1.2	191	0.58	22.0	<0.5	14.2	74	0.1	0.2	0.2	<2
613146	Drill Core	4.27	3	0.2	8.1	7.2	10	0.1	2.8	0.8	150	0.53	4.3	<0.5	16.2	50	0.1	0.1	0.2	<2
613147	Drill Core	4.80	<2	0.7	8.7	19.0	38	0.2	5.0	1.3	149	0.64	3.1	<0.5	15.2	55	0.3	0.2	0.3	<2
613148	Drill Core	5.01	<2	<0.1	46.4	18.5	53	0.8	22.6	11.6	727	2.44	14.3	3.1	10.2	211	0.1	0.6	0.3	30
613149	Drill Core	4.93	18	<0.1	6.6	17.1	17	0.2	3.7	1.6	198	0.73	119.7	8.1	12.5	123	0.1	0.2	0.1	<2
613150	Drill Core	4.58	<2	<0.1	8.6	14.9	19	0.1	6.5	2.1	231	0.89	9.7	<0.5	12.6	88	0.1	0.2	0.1	<2
613151	Drill Core	4.60	187	0.1	5.7	4.6	8	0.1	1.0	0.8	207	0.44	6.9	81.6	12.3	79	<0.1	0.2	<0.1	<2
613152	Drill Core	4.71	2	0.1	4.9	19.7	13	0.1	0.9	0.7	260	0.55	4.1	1.6	13.3	104	<0.1	0.2	<0.1	<2
613153	Rock Pulp	0.05	2801	15.5	38.2	36.8	171	1.0	46.1	6.1	284	1.86	537.1	40.5	2.9	53	2.2	47.2	0.3	94
613154	Drill Core	4.01	41	<0.1	11.0	51.3	25	0.3	2.2	1.6	216	0.73	597.5	22.5	13.5	113	0.2	0.4	0.2	<2
613155	Drill Core	4.68	112	<0.1	14.5	137.7	183	0.6	0.2	0.7	117	1.20	648.6	84.8	15.8	68	1.2	0.3	0.5	<2
613156	Drill Core	4.64	329	<0.1	14.3	188.5	300	0.7	0.4	0.4	109	1.16	750.9	321.1	16.4	56	2.0	0.3	0.5	<2
613157	Drill Core	3.61	195	<0.1	9.9	54.3	68	0.4	0.4	0.5	61	0.74	480.5	226.9	15.6	44	0.4	<0.1	0.2	<2
613158	Drill Core	2.94	197	<0.1	10.2	49.2	45	0.3	0.5	0.3	62	0.79	263.9	60.5	11.2	35	0.3	0.1	0.2	<2
613159	Drill Core	2.67	56	0.4	4.4	40.2	99	0.2	1.7	0.7	90	0.50	555.2	11.9	11.6	44	0.6	<0.1	0.1	<2



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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613130	Drill Core	0.014	24	5	0.32	228	0.001	<20	0.50	0.006	0.31	<0.1	<0.01	1.5	<0.1	0.13	2	0.5
613131	Drill Core	0.009	37	2	0.11	233	0.001	<20	0.37	0.004	0.25	<0.1	<0.01	1.0	<0.1	<0.05	1	<0.5
613132	Drill Core	0.009	31	3	0.23	214	0.001	<20	0.53	0.005	0.31	<0.1	<0.01	1.5	<0.1	0.14	2	<0.5
613133	Drill Core	0.002	23	<1	0.04	105	<0.001	<20	0.37	0.004	0.25	<0.1	<0.01	0.4	<0.1	0.12	1	<0.5
613134	Drill Core	0.003	28	1	0.10	110	<0.001	<20	0.36	0.004	0.22	<0.1	<0.01	0.5	<0.1	0.10	1	<0.5
613135	Drill Core	0.002	27	<1	0.03	110	<0.001	<20	0.40	0.004	0.26	<0.1	<0.01	0.6	<0.1	<0.05	1	<0.5
613136	Drill Core	0.002	22	2	0.06	852	<0.001	<20	0.31	0.003	0.24	<0.1	<0.01	0.5	<0.1	0.11	<1	<0.5
613137	Drill Core	0.019	23	3	0.21	163	0.001	<20	0.49	0.020	0.45	0.2	<0.01	1.9	0.1	0.21	2	<0.5
613138	Drill Core	0.019	24	3	0.20	145	0.001	<20	0.39	0.006	0.24	0.3	<0.01	1.5	0.1	0.15	1	<0.5
613139	Drill Core	0.004	30	1	0.13	173	<0.001	<20	0.38	0.020	0.24	<0.1	<0.01	0.8	<0.1	0.20	1	<0.5
613140	Drill Core	0.003	32	1	0.07	147	<0.001	<20	0.33	0.011	0.22	<0.1	<0.01	0.9	<0.1	0.09	<1	<0.5
613141	Drill Core	0.004	33	1	0.11	209	<0.001	<20	0.41	0.018	0.30	<0.1	<0.01	1.2	0.1	0.16	1	<0.5
613142	Drill Core	0.004	34	1	0.12	413	0.001	<20	0.43	0.016	0.29	<0.1	<0.01	1.4	0.1	0.13	1	<0.5
613143	Drill Core	0.003	36	1	0.10	237	0.001	<20	0.40	0.020	0.29	<0.1	<0.01	1.2	0.1	0.14	1	<0.5
613144	Drill Core	0.004	40	2	0.06	208	<0.001	<20	0.31	0.024	0.25	<0.1	<0.01	1.3	0.1	0.11	1	<0.5
613145	Drill Core	0.004	37	2	0.08	185	0.001	<20	0.36	0.025	0.27	<0.1	<0.01	1.1	0.1	0.17	1	<0.5
613146	Drill Core	0.004	40	2	0.06	155	0.001	<20	0.27	0.029	0.22	<0.1	<0.01	1.2	0.1	0.15	1	<0.5
613147	Drill Core	0.012	33	3	0.12	169	0.001	<20	0.31	0.030	0.25	<0.1	<0.01	1.3	0.1	0.16	1	<0.5
613148	Drill Core	0.042	23	21	0.62	275	0.011	<20	0.66	0.019	0.43	0.1	0.03	5.0	0.3	0.19	3	<0.5
613149	Drill Core	0.004	28	1	0.21	234	<0.001	<20	0.36	0.027	0.27	<0.1	<0.01	1.1	0.1	0.17	1	<0.5
613150	Drill Core	0.006	30	3	0.18	267	0.001	<20	0.41	0.021	0.30	<0.1	<0.01	1.5	0.1	0.18	1	<0.5
613151	Drill Core	0.004	31	1	0.10	223	<0.001	<20	0.39	0.013	0.25	<0.1	<0.01	0.9	0.1	0.17	1	<0.5
613152	Drill Core	0.004	35	2	0.14	218	<0.001	<20	0.41	0.020	0.28	<0.1	<0.01	0.9	0.2	0.15	1	<0.5
613153	Rock Pulp	0.081	11	26	2.01	232	0.005	<20	0.50	0.004	0.20	3.7	4.02	2.3	1.9	1.27	2	2.6
613154	Drill Core	0.006	24	1	0.23	320	<0.001	<20	0.38	0.011	0.28	<0.1	<0.01	0.8	0.2	0.29	1	<0.5
613155	Drill Core	0.003	29	<1	0.15	247	<0.001	<20	0.23	0.037	0.15	<0.1	<0.01	1.5	0.2	0.76	<1	<0.5
613156	Drill Core	0.003	30	1	0.13	219	<0.001	<20	0.30	0.029	0.23	<0.1	0.02	1.2	0.1	0.57	1	<0.5
613157	Drill Core	0.002	26	2	0.10	336	<0.001	<20	0.32	0.034	0.26	<0.1	<0.01	0.7	<0.1	0.41	1	<0.5
613158	Drill Core	0.002	17	2	0.07	237	<0.001	<20	0.18	0.050	0.12	<0.1	<0.01	0.6	<0.1	0.51	<1	<0.5
613159	Drill Core	0.007	27	3	0.11	445	<0.001	<20	0.26	0.026	0.22	<0.1	<0.01	0.6	<0.1	0.15	<1	<0.5



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Part 1

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613160	Drill Core	4.50	4	0.7	6.2	150.4	139	0.7	5.8	1.5	206	0.92	35.7	1.2	14.2	141	0.9	0.1	0.3	2
613161	Drill Core	4.52	13	0.1	3.4	21.8	50	0.2	0.7	0.4	211	0.84	112.5	7.3	13.4	166	0.3	<0.1	0.2	<2
613162	Drill Core	4.27	151	<0.1	6.8	47.9	95	0.3	2.0	1.2	232	0.94	269.2	93.2	9.1	180	0.5	<0.1	0.2	<2
613163	Rock	1.30	<2	<0.1	1.3	3.1	50	<0.1	3.5	4.2	591	1.93	0.5	0.7	5.9	76	<0.1	<0.1	<0.1	36
613164	Drill Core	4.25	<2	<0.1	7.8	32.6	41	0.2	4.3	2.1	318	1.00	11.4	<0.5	16.8	212	0.2	<0.1	0.2	3
613165	Drill Core	4.50	<2	0.2	12.6	29.7	41	0.4	11.3	2.9	261	1.37	15.9	1.4	11.8	214	0.1	0.1	0.4	8
613166	Drill Core	4.24	<2	0.3	19.2	41.7	100	0.3	23.1	7.8	417	2.46	13.1	0.8	11.0	354	0.4	0.5	0.4	17
613167	Drill Core	4.47	<2	<0.1	9.3	154.7	137	1.3	21.5	4.3	357	2.60	3.3	1.7	8.5	229	0.8	0.5	1.4	15
613168	Drill Core	3.53	<2	0.2	13.1	161.4	174	1.4	31.0	5.4	381	2.64	5.8	1.2	9.4	212	1.0	0.4	1.4	13
613169	Drill Core	2.94	<2	4.1	9.1	85.6	68	0.6	15.1	2.9	255	1.51	2.7	<0.5	10.4	154	0.3	<0.1	0.6	6
613170	Drill Core	2.82	<2	<0.1	5.2	42.7	24	0.3	2.3	0.7	180	1.00	14.8	<0.5	16.5	96	0.1	<0.1	0.4	<2
613171	Drill Core	2.03	24	<0.1	4.9	24.9	5	0.2	0.5	0.2	55	0.54	89.2	43.1	13.1	30	<0.1	<0.1	0.2	<2
613172	Drill Core	3.22	262	0.4	6.8	26.1	12	0.3	0.2	0.3	44	0.68	818.6	219.0	17.4	11	<0.1	<0.1	0.3	<2
613173	Drill Core	1.26	888	0.1	7.0	37.6	23	0.5	0.4	0.4	64	0.67	2808	825.8	14.9	24	0.2	0.6	0.4	<2
613174	Drill Core	0.88	955	0.2	10.6	45.4	13	0.7	0.6	0.4	64	0.76	2722	1079	16.2	20	<0.1	0.6	0.5	<2
613175	Drill Core	3.27	2197	0.1	7.6	29.6	56	1.0	0.5	0.3	82	0.89	4606	2755	15.4	22	0.4	0.7	0.3	<2
613176	Drill Core	5.17	1176	0.2	9.3	59.1	149	0.7	0.5	0.4	122	0.87	3103	1312	15.8	74	1.1	0.7	0.4	<2
613177	Drill Core	4.26	8	0.1	3.8	30.0	52	0.2	0.6	0.4	276	0.90	6.3	78.8	15.8	169	0.3	0.2	0.2	<2
613178	Drill Core	4.47	40	<0.1	5.3	30.7	40	0.2	0.5	0.4	303	0.94	279.8	79.4	17.8	101	0.2	0.2	0.3	<2
613179	Drill Core	4.80	27	<0.1	5.1	19.6	27	0.1	0.5	0.2	265	0.83	178.3	49.8	16.4	129	0.2	0.1	0.2	<2
613180	Drill Core	4.82	104	<0.1	5.5	14.2	12	0.2	0.3	0.3	239	0.66	412.6	43.7	15.0	112	<0.1	0.2	0.2	<2
613181	Drill Core	4.81	8	0.3	3.9	18.7	32	0.2	0.6	0.3	314	0.90	40.5	22.9	16.7	165	0.2	<0.1	0.2	<2
613182	Drill Core	2.71	2	0.1	6.3	86.1	78	0.3	0.3	0.7	345	1.08	11.9	12.3	18.9	208	0.4	0.2	0.5	<2
613183	Drill Core	1.18	<2	<0.1	4.0	17.5	19	0.2	0.3	0.2	200	0.51	5.4	7.3	14.8	107	0.1	0.2	0.3	<2
613184	Drill Core	2.74	<2	<0.1	5.0	24.2	32	0.2	0.3	0.2	216	0.63	4.2	5.7	17.7	132	0.2	0.1	0.4	<2
613185	Drill Core	1.88	23	0.2	4.6	28.8	102	0.3	0.9	0.3	233	0.78	52.8	18.7	16.2	99	0.7	0.2	0.5	<2
613186	Drill Core	4.98	<2	<0.1	3.9	38.2	70	0.2	0.3	0.3	240	0.68	4.1	21.0	15.5	120	0.5	0.2	0.4	<2
613187	Drill Core	4.51	<2	1.4	1.6	18.1	43	<0.1	0.3	0.4	335	0.99	1.0	4.3	15.7	184	0.1	<0.1	0.2	<2
613188	Rock Pulp	0.08	2295	20.0	12.2	13.2	34	0.2	16.4	2.2	17	0.86	99.9	1970	3.3	95	0.2	38.3	0.1	60
613189	Drill Core	4.14	<2	0.4	6.7	29.0	56	0.2	0.4	1.0	289	1.04	1.7	5.4	17.2	208	0.2	<0.1	0.4	<2



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613160	Drill Core	0.008	37	3	0.38	244	0.001	<20	0.45	0.014	0.34	<0.1	<0.01	1.4	<0.1	0.11	2	<0.5
613161	Drill Core	0.002	34	1	0.37	235	<0.001	<20	0.40	0.014	0.30	<0.1	<0.01	1.4	<0.1	0.05	1	<0.5
613162	Drill Core	0.003	16	1	0.42	184	<0.001	<20	0.32	0.003	0.24	<0.1	<0.01	1.1	<0.1	0.15	1	<0.5
613163	Rock	0.078	11	8	0.60	226	0.133	<20	1.09	0.098	0.50	<0.1	0.02	2.0	0.3	<0.05	5	<0.5
613164	Drill Core	0.014	33	2	0.40	355	<0.001	<20	0.47	0.012	0.29	<0.1	<0.01	1.2	0.1	0.10	1	<0.5
613165	Drill Core	0.016	24	6	0.53	313	<0.001	<20	0.43	0.009	0.25	<0.1	<0.01	2.0	<0.1	0.12	1	<0.5
613166	Drill Core	0.108	18	10	0.84	417	0.002	<20	0.73	0.013	0.36	<0.1	0.04	4.8	0.2	0.34	3	1.0
613167	Drill Core	0.032	19	10	0.90	343	0.002	<20	0.55	0.012	0.30	<0.1	0.01	3.6	0.1	0.40	2	0.6
613168	Drill Core	0.028	22	10	0.92	324	0.002	<20	0.55	0.010	0.30	<0.1	0.02	3.3	0.1	0.33	2	<0.5
613169	Drill Core	0.018	26	<1	0.48	324	0.001	<20	0.46	0.016	0.28	<0.1	<0.01	1.9	0.1	0.20	1	<0.5
613170	Drill Core	0.010	34	2	0.21	226	<0.001	<20	0.43	0.027	0.28	<0.1	<0.01	1.2	0.1	0.24	1	<0.5
613171	Drill Core	0.002	30	4	0.06	201	<0.001	<20	0.27	0.042	0.19	<0.1	<0.01	0.6	<0.1	0.24	<1	<0.5
613172	Drill Core	0.004	42	2	0.03	181	<0.001	<20	0.35	0.027	0.29	<0.1	<0.01	0.7	<0.1	0.34	1	<0.5
613173	Drill Core	0.003	34	<1	0.05	140	<0.001	<20	0.27	0.024	0.31	0.3	0.01	0.2	<0.1	0.37	<1	<0.5
613174	Drill Core	0.004	36	1	0.04	151	<0.001	<20	0.31	0.026	0.33	0.2	<0.01	0.4	<0.1	0.44	1	<0.5
613175	Drill Core	0.003	32	<1	0.03	137	<0.001	<20	0.32	0.026	0.32	0.2	0.01	0.4	0.1	0.56	1	<0.5
613176	Drill Core	0.003	33	1	0.09	142	<0.001	<20	0.32	0.022	0.33	0.2	0.01	0.5	<0.1	0.54	1	<0.5
613177	Drill Core	0.005	45	<1	0.44	245	0.001	<20	0.41	0.012	0.28	<0.1	<0.01	1.3	<0.1	0.05	2	<0.5
613178	Drill Core	0.004	46	<1	0.16	236	0.001	<20	0.39	0.022	0.31	0.1	0.01	1.0	0.2	0.29	1	<0.5
613179	Drill Core	0.003	34	<1	0.16	202	<0.001	<20	0.30	0.019	0.27	<0.1	<0.01	1.0	<0.1	0.28	1	<0.5
613180	Drill Core	0.003	28	<1	0.11	186	<0.001	<20	0.29	0.024	0.25	<0.1	<0.01	0.8	<0.1	0.39	<1	<0.5
613181	Drill Core	0.004	33	<1	0.21	202	<0.001	<20	0.33	0.024	0.25	<0.1	<0.01	1.4	<0.1	0.26	1	<0.5
613182	Drill Core	0.003	39	<1	0.36	256	0.001	<20	0.38	0.013	0.27	<0.1	<0.01	1.9	0.2	0.17	1	<0.5
613183	Drill Core	0.011	38	2	0.14	241	0.001	<20	0.32	0.012	0.28	<0.1	<0.01	0.8	0.1	0.10	<1	<0.5
613184	Drill Core	0.005	45	1	0.20	244	0.001	<20	0.37	0.021	0.30	<0.1	<0.01	1.1	0.1	0.13	1	<0.5
613185	Drill Core	0.006	43	2	0.17	247	0.001	<20	0.39	0.016	0.33	<0.1	<0.01	1.3	0.1	0.12	1	<0.5
613186	Drill Core	0.005	44	<1	0.18	210	0.001	<20	0.36	0.021	0.31	<0.1	<0.01	1.1	0.1	0.13	1	<0.5
613187	Drill Core	0.003	43	<1	0.74	293	<0.001	<20	0.42	0.015	0.22	<0.1	<0.01	2.2	<0.1	<0.05	1	<0.5
613188	Rock Pulp	0.022	14	22	0.04	2363	<0.001	<20	0.28	0.005	0.11	5.4	1.37	1.0	2.1	0.11	1	<0.5
613189	Drill Core	0.002	45	<1	0.79	306	<0.001	<20	0.46	0.012	0.23	<0.1	0.02	2.6	<0.1	<0.05	2	<0.5



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Part 1

CERTIFICATE OF ANALYSIS

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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613190	Drill Core	1.93	<2	0.8	3.0	28.0	107	0.1	0.9	1.0	347	1.64	1.4	1.3	31.2	195	0.2	<0.1	0.4	<2
613191	Drill Core	4.75	5	171.9	4.1	10.3	42	<0.1	0.4	0.7	293	0.92	2.7	4.0	14.5	176	<0.1	<0.1	0.2	<2
613192	Drill Core	3.73	<2	3.5	5.1	12.3	31	<0.1	0.4	0.7	313	0.79	2.8	2.0	15.0	139	0.1	0.1	0.2	<2
613193	Drill Core	4.09	<2	0.5	1.6	7.8	56	<0.1	0.3	0.6	295	1.10	1.1	0.9	17.3	156	<0.1	<0.1	0.2	<2
613194	Drill Core	2.43	<2	2.4	2.0	6.3	56	<0.1	0.4	0.8	321	1.12	0.9	<0.5	20.1	214	<0.1	0.1	0.2	<2
613195	Drill Core	3.69	11	8.2	5.7	23.5	31	0.3	0.4	0.1	157	0.87	18.0	11.6	13.1	77	0.3	0.2	0.3	<2
613196	Drill Core	5.15	31	<0.1	7.3	83.6	169	0.6	0.5	0.1	73	0.87	54.6	29.2	13.7	26	1.3	0.2	0.8	<2
613197	Drill Core	4.68	29	0.1	9.7	152.3	785	0.9	0.8	0.3	86	0.80	67.5	13.9	15.3	23	6.8	0.2	1.2	<2
613198	Rock	1.67	<2	<0.1	1.9	3.4	46	<0.1	3.7	4.4	567	1.94	0.6	3.7	5.3	75	<0.1	<0.1	<0.1	36
613226	Drill Core	1.68	70	<0.1	11.3	143.3	399	0.5	0.6	0.4	67	1.24	159.5	79.3	13.5	40	3.0	0.2	0.5	<2
611492	Drill Core	1.49	<2	<0.1	23.3	83.9	100	0.6	5.3	4.1	1473	1.89	13.4	0.5	3.5	68	0.4	0.2	0.9	8
611493	Drill Core	4.72	2	0.3	16.7	39.0	81	0.1	15.9	9.5	1197	2.67	7.4	3.7	9.6	56	0.3	0.2	0.3	9
611494	Drill Core	4.05	363	0.5	563.5	51.5	122	2.1	28.5	16.7	1666	4.36	47.9	132.1	11.9	51	0.5	0.3	4.0	10
611495	Drill Core	4.05	16	0.3	42.6	32.6	146	0.7	22.8	12.1	1201	3.29	21.7	9.6	9.7	28	0.7	0.3	1.3	7
611496	Drill Core	4.20	11	0.9	65.1	158.3	500	1.3	24.8	14.5	1135	3.65	26.7	7.9	12.4	27	3.2	0.5	2.2	7
611497	Drill Core	5.01	11	0.9	41.4	62.6	283	1.3	21.4	11.9	2122	2.72	666.3	10.2	11.8	43	1.5	1.0	1.9	7
611498	Drill Core	5.07	15	0.2	81.6	112.9	353	2.2	26.2	10.2	3231	2.66	879.0	12.6	11.7	31	1.6	1.2	1.8	6
611499	Drill Core	4.70	3	0.3	93.8	123.0	344	0.8	13.6	5.9	1712	1.89	39.8	2.3	6.3	35	1.9	0.4	1.3	5
611500	Drill Core	4.10	5	0.5	11.5	119.2	347	1.3	4.6	4.7	1883	2.29	205.5	4.9	1.3	24	1.7	0.5	3.6	3



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CERTIFICATE OF ANALYSIS

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613190	Drill Core	0.004	79	<1	1.16	263	<0.001	<20	0.52	0.010	0.18	0.1	0.02	4.3	<0.1	<0.05	2	<0.5
613191	Drill Core	0.004	37	<1	0.66	284	<0.001	<20	0.32	0.011	0.21	0.1	0.04	1.3	<0.1	0.07	1	<0.5
613192	Drill Core	0.003	36	<1	0.51	246	<0.001	<20	0.35	0.012	0.22	0.1	0.04	1.5	<0.1	0.08	1	<0.5
613193	Drill Core	0.003	45	<1	0.72	204	<0.001	<20	0.41	0.015	0.24	0.1	0.02	1.8	<0.1	0.07	1	<0.5
613194	Drill Core	0.005	47	<1	0.80	249	0.001	<20	0.48	0.014	0.31	0.1	0.02	2.0	<0.1	0.05	2	<0.5
613195	Drill Core	0.005	32	3	0.18	128	<0.001	<20	0.30	0.011	0.28	<0.1	0.01	0.8	<0.1	0.53	<1	<0.5
613196	Drill Core	0.003	27	5	0.04	85	<0.001	<20	0.23	0.010	0.25	<0.1	0.02	0.5	<0.1	0.76	<1	<0.5
613197	Drill Core	0.004	36	4	0.04	100	<0.001	<20	0.29	0.010	0.25	<0.1	0.02	0.8	<0.1	0.64	1	<0.5
613198	Rock	0.073	10	1	0.63	220	0.133	<20	1.10	0.102	0.51	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5
613226	Drill Core	0.003	23	2	0.08	216	<0.001	<20	0.26	0.016	0.18	<0.1	0.02	0.8	<0.1	1.16	<1	<0.5
611492	Drill Core	0.049	5	3	1.10	110	<0.001	<20	0.48	0.006	0.18	0.8	0.03	0.7	0.2	0.27	<1	<0.5
611493	Drill Core	0.025	17	10	1.09	80	<0.001	<20	0.47	0.008	0.20	0.1	0.04	1.7	0.3	0.28	1	<0.5
611494	Drill Core	0.040	14	7	1.04	108	<0.001	<20	0.40	0.007	0.24	0.1	0.03	2.6	0.2	1.95	1	<0.5
611495	Drill Core	0.036	10	8	0.86	87	<0.001	<20	0.45	0.008	0.26	<0.1	0.04	1.4	0.2	1.02	1	<0.5
611496	Drill Core	0.030	10	8	0.79	127	0.001	<20	0.41	0.009	0.25	0.1	0.04	1.2	0.2	1.78	1	0.5
611497	Drill Core	0.026	16	7	0.66	82	<0.001	<20	0.39	0.007	0.23	0.1	0.05	1.5	0.2	1.10	<1	<0.5
611498	Drill Core	0.035	13	7	0.62	116	<0.001	<20	0.38	0.007	0.25	0.2	0.05	1.6	0.2	1.18	1	1.0
611499	Drill Core	0.034	8	5	0.68	140	<0.001	<20	0.39	0.006	0.24	0.1	0.03	1.1	0.2	0.86	<1	<0.5
611500	Drill Core	0.025	2	2	0.46	105	<0.001	<20	0.29	0.006	0.20	<0.1	0.06	0.7	0.2	2.09	<1	0.5



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Part 1

QUALITY CONTROL REPORT

WHI11001592.2

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
613071	Drill Core	5.65	90	<0.1	4.9	8.5	8	0.1	0.6	0.7	92	0.46	493.8	44.2	19.6	46	<0.1	0.3	0.1	<2	0.50
REP 613071	QC			<0.1	4.8	8.3	10	0.1	0.6	0.7	95	0.47	509.7	77.0	19.3	46	<0.1	0.3	<0.1	<2	0.48
613085	Drill Core	4.79	9	5.1	4.2	12.7	8	<0.1	1.0	0.9	204	0.57	17.9	7.9	20.8	214	<0.1	0.3	0.1	<2	1.45
REP 613085	QC		8																		
613119	Drill Core	4.23	6	0.3	5.4	17.1	11	0.2	1.6	1.3	155	0.30	65.4	1.9	19.1	54	0.1	<0.1	0.1	<2	1.27
REP 613119	QC			0.3	5.4	15.7	12	0.2	1.7	1.2	149	0.29	66.2	0.7	16.4	53	<0.1	<0.1	0.2	<2	1.25
613127	Rock	0.93	<2	<0.1	1.5	3.1	51	<0.1	3.9	4.5	574	2.08	0.9	1.4	4.9	60	<0.1	<0.1	<0.1	40	0.50
REP 613127	QC		<2																		
613156	Drill Core	4.64	329	<0.1	14.3	188.5	300	0.7	0.4	0.4	109	1.16	750.9	321.1	16.4	56	2.0	0.3	0.5	<2	0.27
REP 613156	QC			<0.1	14.4	190.3	314	0.8	0.3	0.5	112	1.17	758.6	491.5	16.9	57	2.1	0.4	0.5	<2	0.29
613160	Drill Core	4.50	4	0.7	6.2	150.4	139	0.7	5.8	1.5	206	0.92	35.7	1.2	14.2	141	0.9	0.1	0.3	2	0.73
REP 613160	QC		4																		
613192	Drill Core	3.73	<2	3.5	5.1	12.3	31	<0.1	0.4	0.7	313	0.79	2.8	2.0	15.0	139	0.1	0.1	0.2	<2	1.03
REP 613192	QC		<2																		
613196	Drill Core	5.15	31	<0.1	7.3	83.6	169	0.6	0.5	0.1	73	0.87	54.6	29.2	13.7	26	1.3	0.2	0.8	<2	0.24
REP 613196	QC			<0.1	7.8	76.3	165	0.6	0.1	0.2	67	0.83	53.9	29.0	13.2	25	1.4	0.2	0.8	<2	0.23
Core Reject Duplicates																					
613097	Drill Core	5.13	14	0.2	7.3	17.6	16	0.1	3.0	1.1	203	0.68	225.4	11.2	13.7	100	<0.1	0.2	<0.1	<2	0.98
DUP 613097	QC		21	0.1	7.4	19.6	18	0.1	2.8	1.1	195	0.70	250.1	10.3	12.8	95	<0.1	0.2	<0.1	<2	0.92
613132	Drill Core	3.81	47	0.1	6.8	30.0	43	0.4	2.8	1.6	395	0.79	82.8	3.1	13.9	87	0.4	<0.1	0.4	<2	1.61
DUP 613132	QC		11	0.2	7.3	30.8	40	0.3	2.7	1.4	410	0.72	79.1	8.5	13.8	90	0.3	<0.1	0.4	<2	1.79
613167	Drill Core	4.47	<2	<0.1	9.3	154.7	137	1.3	21.5	4.3	357	2.60	3.3	1.7	8.5	229	0.8	0.5	1.4	15	1.15
DUP 613167	QC		<2	0.1	9.8	169.6	137	1.2	20.2	4.0	368	2.55	3.4	0.5	9.0	229	0.8	0.4	1.5	16	1.13
611494	Drill Core	4.05	363	0.5	563.5	51.5	122	2.1	28.5	16.7	1666	4.36	47.9	132.1	11.9	51	0.5	0.3	4.0	10	1.49
DUP 611494	QC		391	0.7	683.0	51.1	134	2.3	28.7	17.0	1683	4.49	47.8	187.1	12.3	50	0.5	0.4	4.0	10	1.45
Reference Materials																					
STD DS8	Standard			13.0	109.9	130.0	325	1.9	38.0	7.4	613	2.52	26.0	97.0	7.4	69	2.7	4.4	6.4	43	0.73
STD DS8	Standard			14.1	110.4	130.0	315	1.9	37.7	7.2	607	2.45	25.4	103.9	7.0	69	2.4	3.9	6.2	40	0.69



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Part 2

QUALITY CONTROL REPORT

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
613071	Drill Core	0.005	33	2	0.05	169	<0.001	<20	0.41	0.019	0.26	0.1	0.01	0.4	0.1	0.23	<1	<0.5
REP 613071	QC	0.005	33	3	0.05	170	<0.001	<20	0.43	0.020	0.26	0.1	0.01	0.5	0.1	0.23	<1	<0.5
613085	Drill Core	0.017	35	4	0.06	204	0.001	<20	0.35	0.026	0.23	0.1	0.01	1.0	<0.1	0.19	1	<0.5
REP 613085	QC																	
613119	Drill Core	0.003	26	<1	0.04	126	<0.001	<20	0.36	0.004	0.25	0.3	<0.01	0.4	<0.1	<0.05	<1	0.7
REP 613119	QC	0.003	26	<1	0.04	125	<0.001	<20	0.32	0.004	0.25	0.2	<0.01	0.3	<0.1	<0.05	1	<0.5
613127	Rock	0.074	10	7	0.63	232	0.133	<20	1.06	0.068	0.51	<0.1	<0.01	1.8	0.3	<0.05	6	<0.5
REP 613127	QC																	
613156	Drill Core	0.003	30	1	0.13	219	<0.001	<20	0.30	0.029	0.23	<0.1	0.02	1.2	0.1	0.57	1	<0.5
REP 613156	QC	0.003	34	2	0.14	254	<0.001	<20	0.33	0.030	0.25	<0.1	0.01	1.3	0.1	0.58	1	<0.5
613160	Drill Core	0.008	37	3	0.38	244	0.001	<20	0.45	0.014	0.34	<0.1	<0.01	1.4	<0.1	0.11	2	<0.5
REP 613160	QC																	
613192	Drill Core	0.003	36	<1	0.51	246	<0.001	<20	0.35	0.012	0.22	0.1	0.04	1.5	<0.1	0.08	1	<0.5
REP 613192	QC																	
613196	Drill Core	0.003	27	5	0.04	85	<0.001	<20	0.23	0.010	0.25	<0.1	0.02	0.5	<0.1	0.76	<1	<0.5
REP 613196	QC	0.003	25	4	0.04	84	<0.001	<20	0.24	0.008	0.24	<0.1	0.01	0.5	<0.1	0.73	<1	<0.5
Core Reject Duplicates																		
613097	Drill Core	0.006	30	4	0.23	191	<0.001	<20	0.38	0.037	0.26	0.2	0.01	1.0	0.2	0.15	1	<0.5
DUP 613097	QC	0.007	29	4	0.22	195	<0.001	<20	0.40	0.037	0.26	0.1	0.02	1.0	0.2	0.15	1	<0.5
613132	Drill Core	0.009	31	3	0.23	214	0.001	<20	0.53	0.005	0.31	<0.1	<0.01	1.5	<0.1	0.14	2	<0.5
DUP 613132	QC	0.009	30	3	0.19	184	<0.001	<20	0.46	0.006	0.29	<0.1	<0.01	1.4	<0.1	0.09	1	<0.5
613167	Drill Core	0.032	19	10	0.90	343	0.002	<20	0.55	0.012	0.30	<0.1	0.01	3.6	0.1	0.40	2	0.6
DUP 613167	QC	0.031	20	11	0.89	391	0.003	<20	0.62	0.013	0.32	<0.1	0.01	3.5	0.2	0.39	2	<0.5
611494	Drill Core	0.040	14	7	1.04	108	<0.001	<20	0.40	0.007	0.24	0.1	0.03	2.6	0.2	1.95	1	<0.5
DUP 611494	QC	0.046	15	8	1.02	120	0.001	<20	0.48	0.008	0.26	0.2	0.04	2.4	0.2	2.07	1	<0.5
Reference Materials																		
STD DS8	Standard	0.083	16	121	0.62	312	0.124	<20	0.96	0.099	0.43	2.5	0.21	2.3	5.6	0.17	5	4.2
STD DS8	Standard	0.074	17	117	0.61	301	0.105	<20	0.95	0.092	0.41	1.7	0.22	2.0	5.5	0.16	5	4.9



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Part 1

QUALITY CONTROL REPORT

WHI11001592.2

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD DS8	Standard			13.8	111.3	134.1	320	1.7	38.7	8.0	648	2.72	25.9	161.4	7.0	72	2.3	3.8	6.6	44	0.78
STD DS8	Standard			14.7	109.9	130.7	321	1.7	37.6	7.6	637	2.50	25.9	126.0	7.0	75	2.4	5.5	6.7	41	0.75
STD DS8	Standard			14.0	113.6	135.1	322	1.9	38.1	7.5	602	2.49	25.7	110.9	7.5	64	2.6	4.6	6.3	43	0.71
STD DS8	Standard			14.5	115.1	129.2	316	1.9	39.8	7.7	591	2.47	25.9	91.9	7.0	82	2.4	5.7	6.7	40	0.74
STD OREAS45CA	Standard			0.9	535.7	25.8	64	0.3	275.8	96.6	987	17.68	4.8	49.7	9.0	20	<0.1	0.1	0.2	220	0.42
STD OREAS45CA	Standard			0.5	550.4	22.4	71	0.3	278.9	96.8	976	17.20	4.2	44.5	7.2	17	<0.1	<0.1	0.2	213	0.48
STD OREAS45CA	Standard			0.7	522.1	19.6	58	0.3	258.1	88.7	926	14.65	4.6	43.3	6.8	17	0.2	<0.1	0.2	203	0.44
STD OREAS45CA	Standard			0.8	529.2	25.7	65	0.3	255.5	94.3	942	16.14	4.0	43.0	8.9	15	0.2	<0.1	0.2	214	0.44
STD OREAS45CA	Standard			0.7	517.1	19.3	59	0.2	257.2	87.4	846	14.78	4.2	37.0	6.6	16	<0.1	0.1	0.2	206	0.43
STD OXC88	Standard		209																		
STD OXC88	Standard		192																		
STD OXC88	Standard		201																		
STD OXC88	Standard		191																		
STD OXC88	Standard		201																		
STD OXH82	Standard		1357																		
STD OXH82	Standard		1294																		
STD OXH82	Standard		1270																		
STD OXH82	Standard		1262																		
STD OXH82	Standard		1269																		
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		



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Part 2

QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD DS8	Standard	0.074	17	116	0.65	292	0.130	<20	1.01	0.097	0.44	2.6	0.21	2.2	5.8	0.17	5	6.3	5.2
STD DS8	Standard	0.071	16	112	0.64	297	0.122	<20	1.00	0.103	0.43	2.3	0.19	2.0	5.6	0.16	5	5.2	4.6
STD DS8	Standard	0.080	15	118	0.61	300	0.121	<20	0.91	0.086	0.41	2.5	0.19	2.0	5.7	0.17	5	4.8	5.0
STD DS8	Standard	0.081	18	116	0.63	303	0.115	<20	0.98	0.100	0.43	3.1	0.23	2.2	5.5	0.16	5	4.6	5.5
STD OREAS45CA	Standard	0.039	20	783	0.17	190	0.159	<20	4.31	0.007	0.08	<0.1	0.04	40.5	<0.1	<0.05	20	1.0	<0.2
STD OREAS45CA	Standard	0.040	17	677	0.18	170	0.134	<20	4.05	0.016	0.08	<0.1	0.03	42.8	<0.1	<0.05	22	1.0	<0.2
STD OREAS45CA	Standard	0.034	16	610	0.16	148	0.108	<20	3.87	0.009	0.07	<0.1	0.03	36.5	<0.1	<0.05	17	0.9	<0.2
STD OREAS45CA	Standard	0.036	18	774	0.16	184	0.137	<20	3.68	0.006	0.07	<0.1	0.03	40.2	<0.1	<0.05	19	0.7	<0.2
STD OREAS45CA	Standard	0.037	16	552	0.16	151	0.132	<20	3.89	0.007	0.07	<0.1	0.02	34.7	<0.1	<0.05	18	0.7	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXC88 Expected																			
STD OXH82 Expected																			
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		



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Part 1

QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
Prep Wash																					
G1	Prep Blank		<2	<0.1	2.5	3.8	43	<0.1	2.3	3.7	541	1.93	<0.5	<0.5	6.0	63	<0.1	<0.1	<0.1	37	0.48
G1	Prep Blank		<2	<0.1	2.1	8.1	60	<0.1	2.9	3.9	563	2.07	0.5	<0.5	5.9	70	<0.1	<0.1	<0.1	39	0.55



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QUALITY CONTROL REPORT

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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																			
G1	Prep Blank	0.075	14	5	0.49	164	0.126	<20	0.92	0.087	0.45	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.080	14	7	0.52	225	0.142	<20	1.04	0.112	0.52	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: **Radius Gold Inc.**
830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: September 14, 2011
Report Date: November 17, 2011
Page: 1 of 9

CERTIFICATE OF ANALYSIS

WHI11001593.1

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-24
P.O. Number: NA-11330
Number of Samples: 225

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	218	Crush, split and pulverize 250 g rock to 200 mesh			SMI
3B01	224	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	225	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

Sixty Mile

Report Date:

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001593.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611551	Rock Pulp	0.04	2582	23.1	15.0	17.1	40	0.3	19.8	2.7	18	0.86	114.3	3145	4.3	101	0.2	65.1	0.1	65
611552	Drill Core	4.30	<2	0.3	5.4	69.6	349	0.8	1.9	2.5	1156	1.28	9.5	5.3	0.7	24	1.7	<0.1	2.8	3
611553	Drill Core	6.07	<2	<0.1	50.4	41.6	129	0.4	2.1	2.4	1666	0.76	66.4	2.4	1.1	34	0.5	0.8	1.1	3
611554	Drill Core	5.31	<2	<0.1	12.3	30.5	95	0.2	3.7	3.2	909	0.82	4.4	1.8	1.1	33	0.4	0.2	0.7	3
611555	Drill Core	2.89	<2	0.8	120.4	57.8	130	1.2	29.1	8.8	1372	3.25	11.8	3.7	14.5	57	0.5	0.2	4.3	9
611556	Drill Core	5.33	<2	106.1	52.9	23.8	82	0.4	33.6	13.4	755	2.73	25.5	2.9	14.8	52	0.2	0.2	2.6	16
611557	Drill Core	5.10	<2	4.0	21.8	13.0	79	0.2	19.6	8.2	444	1.93	14.7	1.4	15.5	48	0.3	<0.1	0.7	20
611558	Drill Core	4.85	<2	1.0	102.8	17.2	51	0.5	34.8	9.9	608	2.21	35.6	2.9	18.0	59	<0.1	0.4	0.8	21
611559	Drill Core	4.61	4	12.4	56.1	30.2	136	0.6	23.1	5.7	398	1.57	24.2	2.9	17.1	74	0.8	0.1	1.3	20
611560	Drill Core	5.33	<2	9.4	88.6	32.3	111	0.6	29.9	10.5	650	2.64	14.3	<0.5	15.4	47	0.5	0.2	4.1	32
611561	Rock	2.00	<2	0.1	1.4	3.3	49	<0.1	3.8	4.2	580	2.03	<0.5	1.0	5.9	72	<0.1	<0.1	<0.1	40
611562	Drill Core	4.39	<2	3.9	29.8	9.9	45	0.2	23.7	9.0	469	2.55	2.0	<0.5	15.7	19	<0.1	<0.1	1.0	39
611563	Drill Core	5.43	<2	8.9	65.7	16.2	83	0.3	30.8	12.7	744	2.91	5.7	1.7	18.0	25	0.2	<0.1	0.7	38
611564	Drill Core	5.19	<2	8.1	10.4	15.2	54	0.2	24.3	13.7	696	2.70	3.7	0.7	16.3	22	<0.1	<0.1	0.8	35
611565	Drill Core	3.63	<2	7.4	39.3	13.4	87	0.3	33.0	14.3	1214	3.24	8.2	4.0	18.4	35	0.1	0.2	1.0	43
611566	Drill Core	3.77	19	1.2	412.1	44.3	191	1.7	297.3	42.9	1375	7.57	162.5	22.8	12.3	87	0.8	1.5	5.0	102
611567	Drill Core	4.39	<2	0.2	114.5	7.3	225	0.4	234.4	24.4	892	4.34	3.2	2.2	2.7	107	1.0	0.3	2.2	67
611568	Drill Core	5.54	<2	<0.1	29.2	9.5	89	0.1	326.1	40.3	737	4.32	3.3	1.3	2.0	95	0.2	0.2	2.3	70
611569	Drill Core	5.14	<2	<0.1	28.5	7.6	350	0.1	381.8	49.0	1157	4.86	7.6	1.0	3.5	116	1.2	0.2	1.6	93
611570	Drill Core	4.44	2	0.1	32.3	17.6	893	0.5	469.8	61.2	4385	6.34	28.6	3.5	4.1	129	3.3	0.2	1.7	106
611571	Drill Core	2.72	<2	<0.1	41.7	5.8	903	0.2	468.6	71.0	1369	6.29	12.7	1.9	5.3	113	3.4	<0.1	1.7	123
611572	Drill Core	2.71	<2	<0.1	34.5	5.2	671	0.2	437.4	60.2	1248	5.86	15.4	<0.5	5.1	114	2.8	<0.1	1.5	123
611573	Drill Core	5.05	<2	<0.1	37.6	25.5	417	0.3	397.3	45.2	2054	5.34	12.1	3.6	4.0	125	1.8	0.3	1.4	85
611574	Drill Core	4.76	10	<0.1	22.3	6.8	510	0.2	404.4	51.7	1655	6.03	6.9	<0.5	5.2	117	1.9	0.2	2.8	129
611575	Drill Core	5.57	<2	<0.1	8.8	1.9	99	<0.1	397.8	53.2	1542	6.07	6.8	<0.5	5.7	123	0.2	<0.1	0.9	150
611576	Drill Core	1.04	5	<0.1	33.0	7.9	542	0.3	332.1	63.5	3409	6.69	19.2	5.7	6.5	198	2.2	<0.1	9.6	109
611577	Drill Core	5.85	6	<0.1	28.9	3.0	196	0.2	366.0	53.4	1838	6.31	10.0	1.3	5.3	105	0.6	<0.1	2.4	138
611578	Drill Core	5.90	<2	<0.1	30.4	7.8	232	0.3	364.1	52.2	1639	5.92	10.4	0.9	5.3	95	0.8	<0.1	6.6	132
611579	Drill Core	5.46	<2	1.2	32.6	5.6	127	0.2	343.3	51.8	1604	5.89	12.0	<0.5	5.8	96	0.3	<0.1	2.5	134
611580	Drill Core	5.22	<2	<0.1	23.5	4.4	76	0.2	324.9	58.5	1636	5.59	11.1	<0.5	5.6	104	<0.1	<0.1	2.8	121



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Part 2

CERTIFICATE OF ANALYSIS

WHI11001593.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611551	Rock Pulp	0.025	16	33	0.05	3780	0.001	<20	0.33	0.006	0.12	9.1	1.85	1.4	2.6	0.12	1	<0.5
611552	Drill Core	0.036	2	7	0.41	111	<0.001	<20	0.37	0.005	0.22	<0.1	0.03	0.5	<0.1	1.01	1	<0.5
611553	Drill Core	0.044	2	7	0.58	132	<0.001	<20	0.55	0.010	0.27	<0.1	0.01	0.3	<0.1	0.42	2	<0.5
611554	Drill Core	0.038	2	8	0.50	178	<0.001	<20	0.49	0.021	0.24	<0.1	<0.01	0.4	<0.1	0.47	2	<0.5
611555	Drill Core	0.047	11	13	0.90	135	0.001	<20	0.46	0.009	0.26	0.9	<0.01	2.0	0.1	1.98	2	<0.5
611556	Drill Core	0.026	15	21	0.82	120	0.001	<20	0.42	0.028	0.17	0.3	<0.01	2.4	<0.1	1.28	2	0.9
611557	Drill Core	0.024	21	22	0.62	114	0.002	<20	0.34	0.038	0.12	<0.1	<0.01	2.9	<0.1	0.60	2	<0.5
611558	Drill Core	0.021	15	20	0.82	119	<0.001	<20	0.37	0.046	0.16	<0.1	<0.01	3.0	<0.1	1.01	2	<0.5
611559	Drill Core	0.027	19	21	0.60	78	0.001	<20	0.31	0.056	0.10	<0.1	<0.01	2.4	<0.1	0.56	1	0.7
611560	Drill Core	0.030	20	37	1.03	78	0.003	<20	0.90	0.041	0.14	<0.1	<0.01	3.4	<0.1	0.92	6	<0.5
611561	Rock	0.081	11	17	0.62	220	0.137	<20	1.08	0.092	0.50	<0.1	<0.01	2.2	0.2	<0.05	6	0.6
611562	Drill Core	0.028	28	45	1.10	99	0.018	<20	1.18	0.044	0.16	<0.1	<0.01	3.6	<0.1	0.65	7	<0.5
611563	Drill Core	0.078	35	46	1.16	133	0.019	<20	1.22	0.049	0.23	<0.1	<0.01	4.5	<0.1	0.89	7	<0.5
611564	Drill Core	0.048	28	39	1.06	95	0.013	<20	1.03	0.038	0.17	<0.1	<0.01	3.5	0.2	0.98	7	<0.5
611565	Drill Core	0.080	33	46	1.36	135	0.020	<20	1.12	0.050	0.18	<0.1	<0.01	5.4	<0.1	0.88	8	<0.5
611566	Drill Core	0.115	32	265	3.23	50	0.022	<20	2.04	0.019	0.22	<0.1	0.02	8.7	0.2	4.24	16	2.2
611567	Drill Core	0.224	27	336	2.99	307	0.102	<20	1.59	0.028	0.30	<0.1	0.05	4.1	0.2	0.94	9	<0.5
611568	Drill Core	0.208	17	279	3.76	528	0.159	<20	2.13	0.027	1.14	<0.1	<0.01	2.1	0.5	0.90	9	0.5
611569	Drill Core	0.226	36	356	4.33	192	0.117	<20	2.11	0.017	0.44	<0.1	0.11	2.7	0.4	1.33	9	0.7
611570	Drill Core	0.244	44	417	4.92	61	0.081	<20	2.25	0.006	0.02	0.2	0.23	5.2	0.2	2.78	9	<0.5
611571	Drill Core	0.247	47	447	4.89	53	0.095	<20	2.26	0.006	0.02	0.2	0.26	3.0	<0.1	1.67	10	<0.5
611572	Drill Core	0.264	46	420	4.35	59	0.076	<20	2.11	0.006	0.03	<0.1	0.22	2.7	<0.1	1.56	9	<0.5
611573	Drill Core	0.174	34	319	4.44	157	0.049	<20	2.11	0.017	0.25	<0.1	0.14	3.6	0.4	1.22	9	0.6
611574	Drill Core	0.237	26	432	4.53	92	0.054	<20	2.05	0.014	0.10	<0.1	0.15	3.8	<0.1	1.01	9	<0.5
611575	Drill Core	0.260	36	483	4.80	40	0.058	<20	2.07	0.006	0.02	<0.1	0.04	3.6	<0.1	0.51	9	<0.5
611576	Drill Core	0.277	51	407	4.33	108	0.040	<20	1.31	0.007	<0.01	<0.1	0.11	6.8	<0.1	1.88	6	<0.5
611577	Drill Core	0.241	47	445	4.36	57	0.074	<20	1.90	0.006	0.02	<0.1	0.05	2.9	<0.1	0.64	9	<0.5
611578	Drill Core	0.250	50	444	4.26	55	0.075	<20	1.90	0.007	0.02	<0.1	0.03	2.6	<0.1	0.69	8	<0.5
611579	Drill Core	0.258	61	480	4.75	85	0.097	<20	2.09	0.008	0.05	<0.1	0.02	3.2	<0.1	0.40	9	<0.5
611580	Drill Core	0.246	46	427	4.25	58	0.069	<20	1.94	0.008	0.06	<0.1	<0.01	2.9	<0.1	0.59	8	<0.5



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Part 1

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611581	Drill Core	5.82	<2	<0.1	130.4	16.3	174	0.3	480.7	85.0	1870	7.18	16.5	4.8	3.6	130	0.6	0.2	4.1	97
611582	Drill Core	4.68	<2	1.4	60.0	20.7	147	0.2	569.4	52.2	1581	5.86	10.5	1.1	5.0	118	0.3	0.1	1.4	109
611583	Drill Core	4.93	<2	0.8	42.2	9.9	83	0.2	36.0	15.3	544	3.06	8.4	<0.5	11.1	58	0.3	0.2	0.4	26
611584	Drill Core	4.21	<2	0.3	12.6	17.1	76	0.1	22.8	10.1	637	2.45	11.7	<0.5	13.6	33	0.2	0.1	0.2	20
611585	Drill Core	4.53	<2	0.5	18.1	31.5	86	0.3	19.7	11.5	888	2.56	20.5	<0.5	14.4	52	0.2	0.3	0.3	20
611586	Rock Pulp	0.10	2691	15.8	37.0	33.8	163	1.0	44.3	6.1	244	1.85	535.2	34.8	2.7	49	2.0	39.6	0.3	100
611587	Drill Core	5.29	<2	2.2	13.6	17.3	72	0.1	34.8	14.6	1153	2.75	18.1	1.6	15.7	40	0.2	0.2	0.3	29
611588	Drill Core	2.90	3	5.4	19.7	15.1	68	0.1	46.6	11.5	639	2.71	18.1	<0.5	12.9	83	0.2	0.1	0.2	44
611589	Drill Core	5.08	3	3.2	56.9	22.9	110	0.4	400.6	58.9	1920	6.53	5.0	2.4	4.6	156	0.2	0.3	1.4	109
611590	Drill Core	5.20	<2	<0.1	29.6	1.2	74	<0.1	413.0	63.7	2134	7.62	2.0	1.8	5.1	108	0.1	<0.1	0.6	125
611591	Drill Core	5.39	<2	<0.1	32.5	2.1	117	0.1	430.3	60.8	2123	5.96	3.4	2.2	4.5	205	0.4	<0.1	6.0	96
611592	Drill Core	4.24	<2	<0.1	36.3	7.3	187	0.1	457.1	62.1	2138	6.91	5.5	1.2	4.5	181	0.5	<0.1	0.9	124
611593	Drill Core	5.36	<2	<0.1	32.1	3.0	121	<0.1	436.6	62.4	1753	7.48	4.0	0.5	5.4	99	0.3	<0.1	0.3	142
611594	Drill Core	5.05	3	0.5	104.4	13.4	101	0.4	531.1	72.7	2040	7.66	13.5	3.6	4.9	158	0.2	0.4	3.3	116
611595	Drill Core	5.15	<2	6.7	42.3	13.2	87	0.3	45.2	13.7	533	3.40	10.3	2.0	16.4	45	0.2	0.1	1.5	41
611596	Rock	0.62	<2	<0.1	1.8	3.0	57	<0.1	13.2	5.1	617	2.06	0.7	0.7	5.7	81	<0.1	<0.1	<0.1	40
611597	Drill Core	4.75	<2	0.2	25.6	12.4	52	0.2	19.2	8.1	454	2.19	3.6	1.5	14.4	28	<0.1	<0.1	0.6	17
611598	Drill Core	4.54	<2	0.5	9.2	18.0	47	0.1	17.4	7.5	553	1.94	6.7	0.8	14.8	26	<0.1	<0.1	0.4	15
611599	Drill Core	4.60	<2	<0.1	1.7	7.5	37	<0.1	14.4	8.2	289	1.70	0.9	<0.5	17.9	20	<0.1	<0.1	0.1	23
611600	Drill Core	4.79	<2	0.2	14.0	12.0	50	0.1	18.5	11.0	342	2.41	2.6	<0.5	19.8	28	<0.1	<0.1	0.3	24
611601	Drill Core	5.93	<2	0.5	27.5	7.6	54	<0.1	33.0	15.4	489	4.25	3.7	2.4	23.2	25	<0.1	<0.1	0.3	24
611602	Drill Core	5.05	<2	0.3	44.0	17.4	63	0.2	25.3	14.8	398	2.85	13.3	1.1	15.3	47	0.2	0.1	0.4	19
611603	Drill Core	4.58	<2	<0.1	33.3	14.9	50	0.2	7.6	4.8	210	1.39	2.6	<0.5	4.8	35	0.2	<0.1	0.4	8
611604	Drill Core	5.39	<2	0.3	38.8	12.1	49	0.2	24.6	9.7	404	3.24	10.6	<0.5	16.9	36	0.1	<0.1	0.5	16
611605	Drill Core	4.80	<2	<0.1	42.8	36.2	75	0.3	26.3	10.0	463	2.94	14.7	0.8	13.6	51	0.3	<0.1	0.4	26
611606	Drill Core	2.88	<2	0.6	9.1	14.4	59	<0.1	18.3	9.8	584	3.04	1.2	<0.5	12.6	88	<0.1	<0.1	0.4	26
611607	Drill Core	2.64	<2	0.6	8.5	14.4	54	<0.1	20.5	11.0	580	3.01	3.9	1.6	13.9	78	<0.1	<0.1	0.4	22
611608	Drill Core	4.92	3	0.4	22.6	23.8	56	0.2	19.0	9.6	1026	2.79	3.5	0.9	17.2	58	0.1	0.1	0.6	17
611609	Drill Core	4.94	4	0.5	25.2	177.0	836	3.9	21.6	12.9	8532	2.96	98.8	4.9	17.1	50	5.6	1.0	0.6	13
611610	Drill Core	5.12	3	0.4	22.1	43.5	134	0.3	11.7	8.6	1381	2.99	4.1	2.4	11.0	45	0.6	0.3	0.5	11



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Part 2

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611581	Drill Core	0.207	33	413	4.90	105	0.125	<20	2.19	0.012	0.53	<0.1	0.03	5.5	0.5	3.50	9	<0.5
611582	Drill Core	0.229	35	439	4.73	225	0.148	<20	2.92	0.028	1.42	<0.1	0.02	7.9	0.7	0.97	12	<0.5
611583	Drill Core	0.037	23	22	1.35	211	0.080	<20	1.40	0.024	0.57	<0.1	<0.01	3.2	0.2	0.64	6	0.5
611584	Drill Core	0.039	28	20	1.00	199	0.094	<20	1.26	0.015	0.67	0.1	<0.01	2.8	0.3	0.21	5	<0.5
611585	Drill Core	0.040	35	16	1.05	151	0.071	<20	1.09	0.014	0.61	0.2	0.01	3.0	0.2	0.31	4	<0.5
611586	Rock Pulp	0.080	11	27	2.05	199	0.004	<20	0.49	0.006	0.20	3.0	4.25	2.9	1.7	1.32	2	2.5
611587	Drill Core	0.035	37	30	1.18	156	0.018	<20	1.33	0.022	0.33	<0.1	0.02	4.0	0.2	0.36	6	<0.5
611588	Drill Core	0.027	25	41	1.46	357	0.095	<20	1.45	0.047	0.45	<0.1	<0.01	6.4	0.2	0.21	8	<0.5
611589	Drill Core	0.237	33	478	4.93	281	0.051	<20	2.75	0.020	0.58	0.1	0.03	5.7	0.4	1.24	11	<0.5
611590	Drill Core	0.220	26	541	4.76	141	0.025	<20	1.99	0.001	<0.01	<0.1	<0.01	5.2	<0.1	0.43	8	<0.5
611591	Drill Core	0.196	46	450	5.56	191	0.019	<20	1.98	0.003	0.02	<0.1	0.02	6.4	<0.1	0.63	8	<0.5
611592	Drill Core	0.190	45	483	5.59	148	0.027	<20	1.99	0.003	0.01	<0.1	0.03	5.5	<0.1	0.47	8	<0.5
611593	Drill Core	0.200	51	550	4.84	120	0.043	<20	2.07	0.002	0.02	0.1	0.03	4.9	<0.1	0.28	9	<0.5
611594	Drill Core	0.220	50	491	5.49	337	0.073	<20	2.76	0.010	0.55	<0.1	0.02	8.6	0.3	1.55	11	<0.5
611595	Drill Core	0.040	35	41	1.56	560	0.096	<20	1.88	0.035	0.60	0.1	0.02	6.0	0.4	0.68	9	<0.5
611596	Rock	0.089	12	19	0.70	253	0.145	<20	1.13	0.090	0.52	<0.1	<0.01	2.9	0.4	<0.05	6	<0.5
611597	Drill Core	0.025	24	17	0.85	173	0.051	<20	1.18	0.021	0.47	<0.1	<0.01	2.2	0.2	0.46	5	<0.5
611598	Drill Core	0.046	28	18	0.74	183	0.054	<20	1.06	0.021	0.53	<0.1	<0.01	1.9	0.2	0.48	4	<0.5
611599	Drill Core	0.038	36	29	0.78	157	0.087	<20	1.20	0.046	0.55	<0.1	<0.01	3.0	0.2	0.08	5	<0.5
611600	Drill Core	0.038	42	28	0.83	137	0.095	<20	1.46	0.030	0.67	<0.1	<0.01	3.1	0.3	0.29	6	0.5
611601	Drill Core	0.055	61	25	1.03	215	0.197	<20	2.15	0.020	1.35	0.2	<0.01	3.7	0.8	0.57	7	<0.5
611602	Drill Core	0.047	41	21	0.81	106	0.047	<20	1.12	0.022	0.49	0.1	<0.01	3.1	0.2	0.52	4	<0.5
611603	Drill Core	0.031	17	11	0.38	118	0.010	<20	0.65	0.056	0.29	0.1	<0.01	1.2	0.1	0.30	3	<0.5
611604	Drill Core	0.055	51	16	0.85	273	0.077	<20	1.07	0.018	0.68	0.2	0.01	3.2	0.5	0.50	4	<0.5
611605	Drill Core	0.058	36	16	0.90	149	0.041	<20	0.82	0.035	0.47	0.1	0.01	3.6	0.3	0.45	4	<0.5
611606	Drill Core	0.046	25	14	1.08	135	0.015	<20	0.74	0.017	0.35	0.1	<0.01	4.0	0.2	0.69	3	<0.5
611607	Drill Core	0.060	30	15	0.97	118	0.013	<20	0.75	0.017	0.35	0.2	<0.01	3.6	0.2	0.82	3	<0.5
611608	Drill Core	0.067	36	15	0.82	160	0.004	<20	0.69	0.011	0.29	0.2	<0.01	3.4	0.1	0.61	2	0.7
611609	Drill Core	0.055	35	13	0.75	511	0.006	<20	0.71	0.007	0.39	0.2	0.16	3.1	0.2	0.81	3	0.7
611610	Drill Core	0.043	18	9	0.81	84	0.004	<20	0.53	0.012	0.30	0.1	0.03	3.3	0.1	1.22	2	0.7



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611611	Drill Core	2.96	<2	0.2	22.9	173.2	526	1.2	8.5	14.8	7080	5.15	23.2	2.1	6.0	44	3.1	0.1	1.1	34
611612	Drill Core	4.71	<2	0.1	6.3	98.6	310	0.7	10.2	14.7	1932	4.43	6.8	3.1	6.2	60	1.4	<0.1	1.1	47
611613	Drill Core	5.74	<2	0.7	10.5	54.3	101	0.4	10.8	14.0	965	4.01	3.9	0.9	5.0	69	0.4	<0.1	0.9	22
611614	Drill Core	5.06	<2	0.5	14.8	18.2	56	0.1	21.5	11.3	608	2.97	2.7	1.4	16.2	50	0.1	<0.1	0.4	14
611615	Drill Core	4.99	2	0.9	68.5	26.4	56	0.3	3.4	3.3	473	2.14	5.1	2.0	6.2	29	0.2	0.5	0.5	6
611616	Drill Core	4.63	<2	2.5	19.8	20.0	51	0.2	3.7	2.9	501	2.21	2.5	1.4	7.4	28	0.1	<0.1	0.4	2
611617	Drill Core	5.16	5	0.7	29.6	37.7	131	0.3	5.6	3.0	905	1.75	6.3	2.4	10.7	34	0.7	0.2	0.3	5
611618	Drill Core	4.85	<2	1.6	27.5	71.1	437	0.7	6.9	8.6	4121	3.17	16.1	3.4	7.7	28	2.0	0.2	0.4	<2
611619	Drill Core	4.58	2	1.1	56.6	62.6	245	2.2	9.7	5.1	3857	2.04	22.1	3.9	12.7	25	1.0	1.2	0.3	2
611620	Drill Core	4.49	8	5.9	133.2	49.1	130	0.9	9.7	8.7	1690	3.16	9.3	3.7	6.1	63	0.4	0.8	0.3	18
611621	Rock Pulp	0.08	2291	22.9	15.3	16.9	42	0.3	19.3	2.5	15	0.90	120.3	2030	4.3	105	0.2	86.5	0.1	63
611622	Drill Core	4.79	6	1.5	36.8	119.0	269	0.9	19.4	9.8	2415	3.97	13.1	5.7	14.8	54	1.4	0.2	1.0	8
611623	Drill Core	3.52	5	2.1	12.7	128.8	237	1.1	4.7	6.7	3759	2.69	12.9	5.3	5.2	84	1.2	0.2	1.2	9
611624	Drill Core	3.30	4	2.1	46.8	116.3	194	0.9	3.6	9.3	3252	2.79	6.8	2.6	4.6	81	1.0	0.2	0.8	9
611625	Drill Core	3.91	5	1.7	216.6	90.2	248	1.3	19.1	15.0	2797	3.76	20.5	20.5	11.2	73	1.4	0.2	0.6	13
611626	Drill Core	4.54	<2	2.2	103.6	111.5	249	0.7	17.7	11.2	799	3.16	16.3	4.1	10.9	58	1.5	0.5	0.2	13
611627	Drill Core	4.95	4	1.5	96.5	235.1	479	0.8	20.6	11.0	737	3.21	7.8	2.9	13.6	49	3.3	0.2	0.3	13
611628	Drill Core	5.28	10	3.1	153.4	24.1	82	0.5	20.6	19.6	785	3.20	4.4	11.9	15.7	46	0.3	0.2	0.2	18
611629	Drill Core	5.09	7	0.9	128.9	111.4	77	0.6	15.1	7.4	587	2.11	4.6	10.5	12.8	48	0.3	0.1	0.2	10
611630	Drill Core	4.87	6	0.8	55.8	72.8	268	0.8	17.7	13.1	2216	2.91	21.9	5.1	9.5	82	1.2	0.2	0.8	22
611631	Rock	2.71	<2	<0.1	2.1	3.8	50	<0.1	4.1	4.3	591	2.03	<0.5	0.9	5.5	84	<0.1	<0.1	<0.1	39
611632	Drill Core	4.51	<2	0.9	205.2	20.8	70	0.8	20.7	8.5	1030	2.76	7.4	2.0	14.8	45	0.2	0.2	0.3	14
611633	Drill Core	4.61	3	1.2	45.6	114.0	404	1.6	20.4	13.9	5579	3.35	61.7	4.1	13.4	55	1.8	0.3	0.5	9
611634	Drill Core	4.38	4	0.5	24.1	22.5	71	0.3	18.9	9.6	1186	3.23	9.0	2.1	14.3	39	0.3	0.1	0.5	10
611635	Drill Core	5.17	30	0.5	127.2	20.1	59	0.7	20.1	9.7	719	3.16	7.3	2.2	14.2	41	0.3	0.2	0.4	9
611636	Drill Core	5.12	11	1.4	272.8	30.2	70	1.5	13.2	7.8	540	1.94	12.6	7.9	11.2	39	0.3	0.6	0.7	6
611637	Drill Core	5.46	<2	1.2	42.9	63.6	146	0.4	15.7	9.5	1471	2.05	66.3	3.2	15.3	49	0.7	0.2	0.3	6
611638	Drill Core	3.63	13	0.9	215.8	415.5	1520	4.4	18.0	8.8	7105	2.42	374.8	17.6	13.3	34	9.6	2.6	0.5	3
611639	Drill Core	3.91	5	0.8	90.6	92.1	199	0.9	14.2	8.9	987	2.16	23.7	4.3	9.9	51	1.2	0.3	0.8	5
611640	Drill Core	3.07	<2	0.2	34.3	10.7	30	0.1	9.2	6.6	506	1.82	5.6	2.2	12.6	36	<0.1	<0.1	0.4	6



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611611	Drill Core	0.205	5	3	1.26	104	0.003	<20	0.80	0.006	0.49	0.2	0.08	5.9	0.2	2.83	2	0.8
611612	Drill Core	0.186	8	5	1.27	173	0.003	<20	0.83	0.007	0.46	0.3	0.06	6.9	0.2	2.16	2	0.8
611613	Drill Core	0.045	7	10	1.06	67	0.002	<20	0.61	0.010	0.31	0.1	0.02	4.4	0.1	2.41	2	0.8
611614	Drill Core	0.050	30	13	0.85	135	0.003	<20	0.69	0.009	0.35	0.1	0.02	2.9	0.1	0.88	2	<0.5
611615	Drill Core	0.029	10	3	0.53	142	0.001	<20	0.48	0.044	0.23	<0.1	0.01	3.1	0.1	0.95	2	0.7
611616	Drill Core	0.018	13	6	0.47	82	0.001	<20	0.44	0.052	0.23	<0.1	<0.01	2.9	<0.1	1.05	2	<0.5
611617	Drill Core	0.022	15	8	0.46	88	0.001	<20	0.43	0.026	0.28	<0.1	0.02	2.1	0.1	0.75	2	<0.5
611618	Drill Core	0.019	12	4	0.44	108	0.001	<20	0.45	0.025	0.33	0.1	0.06	2.1	0.1	2.16	2	0.7
611619	Drill Core	0.027	28	7	0.44	117	0.002	<20	0.42	0.020	0.29	0.2	0.04	1.9	<0.1	0.63	2	<0.5
611620	Drill Core	0.041	7	10	1.14	338	0.002	<20	0.59	0.009	0.32	0.2	0.02	3.8	0.1	0.97	2	0.7
611621	Rock Pulp	0.031	18	27	0.05	3689	0.002	<20	0.35	0.005	0.12	9.5	1.95	1.6	2.5	0.12	2	0.6
611622	Drill Core	0.038	13	9	0.98	148	0.002	<20	0.65	0.008	0.45	0.2	0.03	2.9	0.1	1.87	2	0.6
611623	Drill Core	0.083	6	3	0.97	69	0.002	<20	0.55	0.007	0.41	0.2	0.03	2.2	0.1	1.46	1	<0.5
611624	Drill Core	0.089	8	3	0.86	149	0.002	<20	0.61	0.007	0.45	<0.1	0.02	2.1	0.1	1.38	2	0.6
611625	Drill Core	0.053	26	9	0.94	110	0.002	<20	0.61	0.009	0.34	0.2	0.04	3.0	0.2	0.98	2	0.8
611626	Drill Core	0.036	17	11	0.98	109	0.002	<20	0.51	0.008	0.26	0.1	0.01	2.0	0.4	0.64	1	0.7
611627	Drill Core	0.033	21	15	1.04	86	0.004	<20	0.63	0.011	0.36	<0.1	0.03	2.3	0.1	0.72	2	<0.5
611628	Drill Core	0.038	31	17	1.14	139	0.040	<20	1.06	0.018	0.60	<0.1	<0.01	3.3	0.4	0.28	4	0.6
611629	Drill Core	0.032	24	10	0.77	252	0.012	<20	0.70	0.016	0.40	0.2	0.01	1.8	0.1	0.29	2	0.6
611630	Drill Core	0.062	18	12	1.05	177	0.011	<20	0.69	0.018	0.40	0.3	0.02	3.2	0.1	0.94	2	0.8
611631	Rock	0.080	12	10	0.60	234	0.151	<20	1.16	0.112	0.52	0.1	<0.01	2.5	0.2	<0.05	6	<0.5
611632	Drill Core	0.039	32	15	0.97	114	0.015	<20	0.84	0.011	0.51	0.1	<0.01	3.2	0.2	0.40	3	<0.5
611633	Drill Core	0.043	27	10	0.89	182	0.003	<20	0.66	0.010	0.41	0.2	0.04	3.2	0.1	1.01	2	<0.5
611634	Drill Core	0.034	26	11	0.86	180	0.008	<20	0.74	0.010	0.45	0.2	<0.01	3.0	0.2	0.91	3	<0.5
611635	Drill Core	0.037	37	12	0.77	117	0.004	<20	0.61	0.012	0.33	0.1	<0.01	3.0	0.5	0.37	2	<0.5
611636	Drill Core	0.027	21	8	0.60	83	0.003	<20	0.49	0.022	0.29	0.1	<0.01	1.5	<0.1	0.52	2	0.6
611637	Drill Core	0.060	26	8	0.70	260	0.005	<20	0.65	0.014	0.41	0.2	0.01	1.6	0.1	0.39	2	<0.5
611638	Drill Core	0.029	27	7	0.58	316	0.002	<20	0.43	0.007	0.31	0.2	0.11	1.8	<0.1	0.50	1	<0.5
611639	Drill Core	0.019	16	8	0.71	230	0.002	<20	0.44	0.010	0.29	0.1	0.02	1.5	<0.1	0.58	1	<0.5
611640	Drill Core	0.042	19	12	0.53	53	0.002	<20	0.42	0.010	0.21	0.1	<0.01	1.6	<0.1	0.55	1	<0.5



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Project:

Sixty Mile

Report Date:

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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611641	Drill Core	1.79	<2	0.5	67.6	61.2	90	0.6	18.2	14.0	782	2.64	13.9	1.4	16.6	40	0.5	0.2	0.3	9
611642	Drill Core	1.69	<2	0.9	57.6	26.1	56	0.4	17.6	10.8	765	2.56	9.9	1.4	18.4	44	0.3	0.1	0.3	9
611643	Drill Core	4.53	3	0.3	91.7	42.2	78	0.6	15.6	13.1	1136	2.74	23.8	5.2	16.4	52	0.4	0.2	1.0	7
611644	Drill Core	2.02	1439	1.5	1726	334.6	672	12.9	53.7	21.9	1859	11.00	95.2	717.8	6.4	37	4.9	2.7	23.6	3
611645	Drill Core	2.59	272	0.9	269.3	253.2	467	3.5	22.9	14.8	2177	4.50	36.4	62.6	11.1	34	2.9	0.5	5.5	5
611646	Drill Core	4.13	9	0.2	71.1	40.3	116	0.5	10.1	7.5	931	2.27	8.0	8.8	7.2	50	0.6	0.2	0.8	11
611647	Drill Core	4.96	6	0.2	113.1	38.1	85	0.4	4.2	5.9	434	1.68	3.6	3.0	6.6	43	0.3	0.2	0.3	18
611648	Drill Core	4.40	13	2.4	154.4	56.0	85	0.9	13.5	8.3	590	2.51	6.3	13.7	11.1	33	0.4	0.3	0.7	6
611649	Drill Core	4.96	3	0.7	104.2	36.4	113	0.5	16.9	9.0	782	2.92	5.1	5.4	10.0	37	0.5	0.1	0.6	7
611650	Drill Core	4.34	5	0.7	38.4	30.0	71	0.4	16.7	12.8	754	2.86	3.8	3.4	14.6	39	0.2	<0.1	0.7	5
611651	Drill Core	4.68	3	0.3	47.1	28.0	103	0.3	12.7	8.7	614	2.43	2.1	1.6	15.0	42	0.4	0.2	0.5	11
611652	Drill Core	4.80	3	0.5	63.2	28.9	65	0.3	18.3	11.2	690	2.65	3.0	4.2	14.8	51	0.1	0.2	0.2	14
611653	Drill Core	4.71	4	0.6	77.6	73.8	107	0.4	19.4	12.4	786	2.98	4.8	5.3	14.0	43	0.3	0.2	0.5	12
611654	Drill Core	4.75	5	0.3	83.6	72.3	128	0.5	16.9	11.1	1117	2.78	6.7	5.7	16.3	40	0.4	0.3	0.3	11
611655	Drill Core	4.78	6	0.7	51.0	140.6	553	0.5	12.4	8.2	1084	2.33	4.9	3.0	18.3	43	3.3	0.2	0.4	11
611656	Rock Pulp	0.09	2650	15.6	40.6	37.8	177	1.1	48.1	6.2	249	1.85	544.7	34.7	3.3	51	2.4	36.1	0.3	96
611657	Drill Core	4.53	16	0.4	214.2	83.4	233	1.1	18.9	10.0	1531	2.93	6.0	7.5	17.0	37	1.0	<0.1	0.4	8
611658	Drill Core	5.08	11	0.5	105.7	109.0	435	0.8	18.6	9.2	1477	2.86	9.1	5.1	16.0	39	2.2	0.1	0.3	9
611659	Drill Core	4.83	8	1.8	67.7	167.8	527	0.6	21.1	13.4	1330	3.25	7.1	4.3	18.1	68	2.7	0.1	0.3	14
611660	Drill Core	5.01	8	0.5	56.8	87.5	313	0.4	14.7	7.9	811	2.39	4.4	10.2	17.8	60	1.4	0.2	0.3	9
611661	Drill Core	4.00	8	0.3	62.5	49.6	110	0.4	15.8	10.7	617	2.74	3.5	5.4	16.0	41	0.4	0.2	0.4	12
611662	Drill Core	3.34	<2	0.2	60.2	32.8	100	0.2	12.0	7.7	762	2.25	6.4	2.4	16.7	38	0.4	0.2	0.1	12
611663	Drill Core	4.81	4	0.7	4.5	69.7	217	0.5	13.8	13.9	664	2.89	1.9	2.4	15.4	43	1.2	<0.1	1.0	6
611664	Drill Core	3.13	3	0.2	30.6	27.8	80	0.2	18.6	13.2	489	2.77	3.2	3.7	16.7	45	0.2	0.1	0.4	12
611665	Drill Core	4.72	3	0.4	16.4	23.1	55	0.2	16.8	13.0	405	3.75	2.2	3.3	14.6	36	<0.1	<0.1	0.7	12
611666	Rock	1.86	<2	<0.1	1.5	3.2	50	<0.1	4.0	4.5	585	1.99	<0.5	<0.5	5.6	67	<0.1	<0.1	<0.1	38
611667	Drill Core	5.20	3	0.4	21.5	36.8	91	0.2	21.1	13.2	709	3.15	1.8	1.2	17.6	44	0.2	<0.1	0.6	15
611668	Drill Core	5.33	<2	0.2	36.1	37.2	153	0.3	12.1	10.0	1194	2.43	3.5	2.4	14.5	55	0.7	<0.1	0.3	6
611669	Drill Core	3.82	4	0.3	50.5	39.5	96	0.5	13.3	25.2	1218	2.44	5.4	4.3	17.4	61	0.4	0.4	1.1	7
611670	Drill Core	4.48	4	0.9	35.6	23.2	71	0.4	11.0	36.6	1064	2.31	5.2	3.4	12.5	41	0.3	0.3	0.5	5



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Part 2

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611641	Drill Core	0.049	42	10	0.81	105	0.005	<20	0.75	0.011	0.39	0.2	<0.01	2.5	0.1	0.34	2	<0.5
611642	Drill Core	0.052	44	10	0.86	99	0.005	<20	0.73	0.011	0.40	0.2	<0.01	2.5	0.1	0.22	2	<0.5
611643	Drill Core	0.026	38	7	0.76	309	0.002	<20	0.55	0.011	0.34	0.3	0.02	2.5	0.2	0.95	2	0.8
611644	Drill Core	0.018	20	6	0.51	18	0.004	<20	0.61	0.008	0.39	0.6	0.11	2.5	1.1	>10	2	2.9
611645	Drill Core	0.039	9	7	0.62	129	0.003	<20	0.62	0.007	0.42	0.3	0.07	1.9	0.4	3.42	2	1.0
611646	Drill Core	0.070	12	5	0.58	116	0.002	<20	0.53	0.017	0.31	0.3	0.02	1.6	0.1	0.86	2	<0.5
611647	Drill Core	0.086	15	6	0.58	106	0.003	<20	0.54	0.041	0.27	0.2	<0.01	1.4	<0.1	0.49	2	<0.5
611648	Drill Core	0.036	25	8	0.61	105	0.003	<20	0.52	0.029	0.30	0.2	0.01	2.7	<0.1	0.80	2	0.9
611649	Drill Core	0.035	24	8	0.72	114	0.002	<20	0.58	0.018	0.32	0.2	0.02	2.6	0.1	0.98	2	0.5
611650	Drill Core	0.031	16	8	0.70	134	0.002	<20	0.51	0.011	0.34	0.1	0.01	1.6	<0.1	1.36	1	0.6
611651	Drill Core	0.037	24	12	0.75	96	0.019	<20	0.66	0.021	0.40	0.2	<0.01	2.1	0.2	0.79	2	<0.5
611652	Drill Core	0.031	32	16	0.97	104	0.043	<20	0.87	0.024	0.56	0.2	<0.01	2.6	0.2	0.47	4	0.6
611653	Drill Core	0.037	28	13	0.95	144	0.050	<20	0.96	0.018	0.62	0.2	0.01	2.2	0.2	0.57	3	0.8
611654	Drill Core	0.034	25	11	0.89	81	0.019	<20	0.64	0.020	0.42	0.2	0.03	2.2	0.2	0.59	2	<0.5
611655	Drill Core	0.040	21	10	0.89	82	0.012	<20	0.63	0.020	0.36	0.1	0.04	2.1	0.1	0.54	2	<0.5
611656	Rock Pulp	0.082	12	29	2.04	213	0.004	<20	0.55	0.007	0.22	2.8	4.16	2.6	1.9	1.33	2	2.5
611657	Drill Core	0.040	29	8	1.04	84	0.005	<20	0.61	0.012	0.34	<0.1	0.05	1.9	0.2	0.23	2	<0.5
611658	Drill Core	0.033	27	9	0.99	82	0.005	<20	0.58	0.008	0.33	0.2	0.05	1.8	0.2	0.27	2	<0.5
611659	Drill Core	0.043	33	12	1.32	106	0.019	<20	0.80	0.009	0.47	0.1	0.08	2.3	0.3	0.27	2	<0.5
611660	Drill Core	0.027	26	10	0.94	75	0.011	<20	0.62	0.010	0.37	<0.1	0.04	1.7	0.2	0.36	2	<0.5
611661	Drill Core	0.038	26	11	0.84	134	0.024	<20	0.76	0.019	0.45	0.1	0.03	1.7	0.2	0.74	2	<0.5
611662	Drill Core	0.024	25	10	0.85	112	0.019	<20	0.64	0.015	0.37	0.2	0.03	1.9	0.2	0.40	2	<0.5
611663	Drill Core	0.036	12	6	0.74	97	0.003	<20	0.50	0.017	0.34	<0.1	0.02	1.3	0.1	1.95	2	<0.5
611664	Drill Core	0.038	23	14	0.92	155	0.038	<20	0.86	0.020	0.56	0.1	0.02	2.0	0.3	0.84	3	<0.5
611665	Drill Core	0.044	16	9	0.72	84	0.026	<20	0.76	0.020	0.44	0.1	<0.01	1.8	0.2	2.33	2	<0.5
611666	Rock	0.084	10	10	0.63	238	0.135	<20	1.10	0.100	0.53	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5
611667	Drill Core	0.030	23	15	1.02	111	0.036	<20	0.85	0.018	0.50	0.1	0.02	2.3	0.2	0.83	3	<0.5
611668	Drill Core	0.032	13	8	0.78	167	0.002	<20	0.46	0.012	0.31	<0.1	0.03	1.1	0.2	0.89	1	<0.5
611669	Drill Core	0.045	15	8	0.77	68	0.003	<20	0.49	0.010	0.32	0.2	0.01	1.3	0.1	1.01	2	<0.5
611670	Drill Core	0.027	7	7	0.66	66	0.002	<20	0.41	0.014	0.30	0.1	<0.01	1.2	0.2	1.24	1	<0.5



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611671	Drill Core	4.43	<2	0.3	9.7	21.3	46	0.2	9.5	6.6	443	1.58	1.0	<0.5	11.5	47	<0.1	<0.1	0.2	7
611672	Drill Core	4.02	<2	0.2	14.4	23.3	64	0.3	15.7	11.0	551	2.12	1.5	<0.5	14.7	59	0.1	<0.1	0.3	6
611673	Drill Core	3.02	<2	0.2	14.3	74.9	119	0.8	19.6	15.8	829	4.13	4.0	4.0	18.7	74	0.7	0.1	1.1	6
611674	Drill Core	3.51	<2	0.2	4.0	45.8	141	0.2	4.4	5.2	460	1.45	2.0	0.8	4.1	34	0.9	<0.1	0.3	2
611675	Drill Core	4.16	6	0.6	259.8	43.1	125	0.6	27.3	15.0	527	3.44	2.1	7.9	20.2	66	0.8	0.1	0.3	13
611676	Drill Core	2.79	<2	0.4	52.1	12.2	71	0.2	24.1	12.7	465	3.05	1.6	1.5	19.5	72	<0.1	<0.1	0.2	14
611677	Drill Core	2.47	<2	0.5	59.8	11.1	66	0.2	24.7	11.5	451	3.10	1.4	7.8	19.7	68	<0.1	<0.1	0.2	15
611678	Drill Core	3.47	10	0.7	148.2	11.6	63	0.3	26.4	14.9	519	3.43	4.9	4.2	20.8	69	<0.1	0.2	0.4	12
611679	Drill Core	3.78	<2	0.5	44.4	18.6	57	0.2	20.3	11.5	598	2.94	1.1	1.6	15.5	59	<0.1	<0.1	0.3	11
611680	Drill Core	5.71	2	1.9	61.2	135.8	94	1.1	0.7	3.1	440	1.78	2.8	3.0	11.4	44	0.7	0.3	0.7	<2
611681	Drill Core	4.60	<2	2.0	59.7	9.2	90	0.3	1.3	5.3	823	1.96	1.0	1.4	11.1	73	0.1	0.1	0.4	<2
611682	Drill Core	4.61	3	1.5	82.4	30.7	159	0.5	1.7	5.2	876	2.25	2.6	3.7	10.0	55	0.8	0.2	0.5	<2
611683	Drill Core	4.37	<2	1.3	48.9	28.2	99	0.7	0.9	1.4	118	1.97	3.6	3.0	10.9	43	<0.1	0.1	0.5	<2
611684	Drill Core	3.51	15	0.9	19.9	49.2	6	0.5	0.4	0.8	26	0.58	7.2	5.6	8.4	13	<0.1	0.2	0.2	<2
611685	Drill Core	4.29	5	0.3	15.3	10.6	3	0.3	0.3	1.1	15	0.38	4.9	6.1	7.3	8	<0.1	0.1	<0.1	<2
611686	Drill Core	4.02	3	1.3	12.5	45.8	5	0.7	0.2	0.9	19	0.38	5.6	3.8	7.4	9	<0.1	0.3	0.2	<2
611687	Drill Core	4.44	<2	1.9	4.8	38.0	2	0.7	0.4	0.3	14	0.27	1.1	2.2	4.9	7	<0.1	0.4	0.2	<2
611688	Drill Core	4.31	2	1.9	5.8	23.1	4	1.2	0.4	0.3	17	0.31	0.9	2.6	5.4	8	<0.1	0.5	0.2	<2
611689	Rock Pulp	0.08	2447	23.4	14.6	17.4	40	0.4	18.5	2.5	19	0.87	115.2	2021	3.9	108	0.1	64.8	0.1	64
611690	Drill Core	4.47	4	2.3	73.4	89.7	36	0.9	0.3	0.8	66	0.81	1.3	4.3	15.2	11	0.1	0.6	0.2	<2
611691	Drill Core	5.33	3	1.2	74.3	27.8	166	0.5	1.1	2.4	791	1.10	1.0	1.4	16.2	62	0.5	0.5	0.2	<2
611692	Drill Core	4.92	2	0.9	37.1	85.0	160	0.7	0.7	2.6	416	1.41	1.1	1.4	13.5	41	0.7	0.4	0.2	<2
611693	Drill Core	3.65	<2	1.6	25.7	47.0	72	0.6	0.5	1.9	365	1.18	1.6	1.6	13.9	53	0.3	0.2	0.4	<2
611694	Drill Core	4.99	2	1.9	15.3	3.6	44	0.1	0.3	1.1	160	0.66	<0.5	<0.5	14.6	26	<0.1	0.1	0.2	<2
611695	Drill Core	5.11	2	1.6	45.4	14.0	66	0.4	0.4	2.0	289	1.04	1.6	0.9	13.0	31	0.2	0.1	0.3	<2
611696	Drill Core	3.88	5	0.9	50.7	47.1	104	0.8	0.7	3.9	564	1.85	1.6	2.8	11.1	52	0.6	0.2	0.6	<2
611697	Drill Core	4.86	<2	0.6	17.9	17.2	23	0.3	1.2	2.6	388	0.95	1.2	<0.5	11.1	58	0.1	0.1	0.2	2
611698	Drill Core	4.51	<2	0.7	17.2	4.7	26	0.1	1.6	2.9	299	0.88	0.6	0.6	10.8	36	0.1	0.1	0.3	2
611699	Rock	1.61	<2	0.4	4.7	3.4	42	<0.1	2.6	3.6	518	1.58	0.5	<0.5	7.5	61	<0.1	<0.1	<0.1	26
611700	Drill Core	4.62	<2	0.6	25.9	42.2	58	0.5	1.4	2.8	504	1.14	2.4	1.2	15.1	38	0.3	0.3	0.3	<2



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611671	Drill Core	0.027	16	8	0.63	147	0.003	<20	0.42	0.021	0.23	<0.1	<0.01	1.1	0.1	0.37	1	<0.5
611672	Drill Core	0.034	19	6	0.77	110	0.002	<20	0.46	0.010	0.29	0.1	0.01	1.2	0.2	0.77	1	<0.5
611673	Drill Core	0.042	17	6	0.90	153	0.002	<20	0.52	0.010	0.35	0.3	0.02	1.6	0.2	2.98	2	<0.5
611674	Drill Core	0.024	5	5	0.48	32	<0.001	<20	0.37	0.033	0.22	<0.1	0.02	0.6	0.1	0.88	1	<0.5
611675	Drill Core	0.049	42	13	1.04	83	0.019	<20	0.80	0.014	0.48	0.3	0.01	2.3	0.3	0.89	3	<0.5
611676	Drill Core	0.045	36	14	1.03	92	0.037	<20	0.91	0.015	0.57	0.2	<0.01	2.4	0.3	0.53	3	<0.5
611677	Drill Core	0.047	37	15	1.02	136	0.043	<20	1.03	0.018	0.64	0.2	<0.01	2.5	0.3	0.49	3	<0.5
611678	Drill Core	0.053	41	12	1.01	136	0.024	<20	0.80	0.014	0.51	0.3	<0.01	2.4	0.3	0.91	2	<0.5
611679	Drill Core	0.047	27	10	1.02	131	0.033	<20	0.84	0.021	0.51	0.3	<0.01	1.8	0.3	0.98	3	<0.5
611680	Drill Core	0.022	17	1	0.38	162	<0.001	<20	0.39	0.015	0.17	0.4	0.02	1.6	<0.1	0.31	1	0.6
611681	Drill Core	0.021	20	<1	0.51	245	0.001	<20	0.45	0.009	0.22	0.7	0.02	1.5	<0.1	0.50	1	<0.5
611682	Drill Core	0.020	17	1	0.16	183	<0.001	<20	0.57	0.008	0.17	0.4	0.03	1.7	<0.1	0.80	1	<0.5
611683	Drill Core	0.019	24	<1	0.07	821	<0.001	<20	0.47	0.012	0.21	0.6	0.04	1.3	<0.1	0.22	2	<0.5
611684	Drill Core	0.006	18	3	0.04	122	<0.001	<20	0.34	0.004	0.15	0.2	0.03	0.4	<0.1	0.06	1	<0.5
611685	Drill Core	0.004	24	<1	0.03	103	<0.001	<20	0.37	0.004	0.16	0.1	0.03	0.3	<0.1	0.05	1	<0.5
611686	Drill Core	0.003	27	2	0.04	120	<0.001	<20	0.39	0.005	0.22	0.1	0.03	0.3	<0.1	0.06	1	<0.5
611687	Drill Core	0.003	19	<1	0.05	100	<0.001	<20	0.32	0.005	0.22	0.1	0.02	0.2	<0.1	<0.05	<1	<0.5
611688	Drill Core	0.002	15	3	0.05	147	0.001	<20	0.39	0.006	0.25	0.2	0.03	0.3	<0.1	<0.05	<1	<0.5
611689	Rock Pulp	0.028	17	26	0.04	3987	0.001	<20	0.36	0.006	0.12	8.6	1.80	1.3	2.5	0.14	1	<0.5
611690	Drill Core	0.003	9	1	0.06	105	<0.001	<20	0.44	0.004	0.18	0.2	0.03	0.4	<0.1	0.39	<1	<0.5
611691	Drill Core	0.002	21	<1	0.69	207	<0.001	<20	0.62	0.017	0.19	0.1	<0.01	0.7	<0.1	0.64	1	<0.5
611692	Drill Core	0.015	21	2	0.58	233	0.002	<20	0.53	0.021	0.27	0.1	<0.01	1.2	<0.1	0.54	2	<0.5
611693	Drill Core	0.005	19	<1	0.70	140	0.001	<20	0.41	0.032	0.19	0.1	<0.01	0.6	<0.1	0.43	1	<0.5
611694	Drill Core	0.004	29	2	0.31	114	0.001	<20	0.39	0.046	0.16	<0.1	<0.01	0.5	<0.1	0.20	1	<0.5
611695	Drill Core	0.015	23	<1	0.36	133	0.001	<20	0.38	0.027	0.20	0.1	<0.01	0.8	<0.1	0.30	1	<0.5
611696	Drill Core	0.029	20	2	0.54	206	0.001	<20	0.48	0.027	0.27	0.5	<0.01	1.8	<0.1	0.47	2	<0.5
611697	Drill Core	0.014	19	1	0.65	278	0.001	<20	0.41	0.030	0.25	0.1	<0.01	1.3	<0.1	0.29	1	<0.5
611698	Drill Core	0.020	21	3	0.42	94	0.002	<20	0.37	0.033	0.22	<0.1	<0.01	1.4	<0.1	0.28	1	<0.5
611699	Rock	0.058	15	4	0.60	193	0.094	<20	0.78	0.058	0.39	<0.1	<0.01	1.8	0.2	0.09	4	<0.5
611700	Drill Core	0.028	33	2	0.53	139	0.002	<20	0.42	0.025	0.28	0.1	<0.01	1.1	0.1	0.40	1	<0.5



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611701	Drill Core	4.94	<2	1.2	5.7	12.2	32	0.1	1.0	2.0	511	1.14	1.1	<0.5	14.1	44	<0.1	0.1	0.2	2
611702	Drill Core	4.91	4	1.1	5.9	209.1	85	1.2	0.3	1.6	419	0.99	2.0	1.7	16.7	30	0.7	0.3	0.3	<2
611703	Drill Core	4.54	<2	1.3	2.6	52.3	32	0.4	0.4	0.6	331	0.48	1.2	<0.5	16.5	26	0.1	0.1	0.1	<2
611704	Drill Core	4.77	4	0.7	8.4	103.9	91	0.8	0.4	2.6	526	1.04	4.6	1.2	14.6	35	0.4	0.2	1.2	<2
611705	Drill Core	4.84	6	12.5	6.4	29.1	105	0.5	0.4	2.1	298	1.39	8.1	3.1	13.6	44	0.3	0.3	0.4	<2
611706	Drill Core	4.71	3	0.3	13.0	25.3	115	0.3	0.5	5.1	436	1.41	12.5	<0.5	14.5	35	1.0	0.3	0.2	3
611707	Drill Core	5.07	8	0.7	13.6	25.2	45	0.3	0.4	2.7	154	1.10	27.6	10.5	11.8	42	0.3	0.5	0.2	<2
611708	Drill Core	3.03	9	1.2	8.0	15.9	22	0.2	0.5	2.4	561	1.12	9.6	5.8	11.4	27	0.1	0.4	0.2	<2
611709	Drill Core	2.79	11	0.5	4.2	5.8	4	<0.1	0.7	1.5	399	0.51	235.5	7.0	15.6	38	<0.1	0.2	<0.1	<2
611710	Drill Core	2.08	19	0.6	5.5	5.1	4	<0.1	0.5	1.8	386	0.55	195.5	56.2	16.8	39	<0.1	0.2	<0.1	<2
611711	Drill Core	5.63	83	0.9	4.7	39.0	14	0.3	0.5	2.1	593	0.77	119.9	32.6	17.1	61	0.1	0.2	0.2	<2
611712	Drill Core	5.05	<2	0.6	7.1	22.1	21	0.2	0.8	2.4	706	1.02	4.0	2.3	16.6	78	0.2	0.2	0.1	4
611713	Drill Core	5.16	3	1.2	4.0	11.2	12	0.1	1.2	2.2	636	0.63	3.9	3.9	18.8	75	<0.1	0.1	<0.1	<2
611714	Drill Core	5.12	<2	0.7	4.3	10.6	9	<0.1	1.4	2.1	633	0.54	1.7	<0.5	19.2	88	<0.1	<0.1	<0.1	<2
611715	Drill Core	4.62	<2	1.1	9.4	10.3	19	0.1	1.0	2.2	572	0.75	5.7	<0.5	17.9	81	0.1	0.2	<0.1	<2
611716	Drill Core	4.95	<2	0.3	4.7	3.7	12	<0.1	0.1	1.9	493	0.75	3.5	<0.5	13.2	50	<0.1	0.2	<0.1	<2
611717	Drill Core	5.02	42	0.2	1.7	2.7	15	<0.1	0.3	1.8	613	1.12	9.4	16.1	11.3	102	0.1	0.2	0.2	2
611718	Drill Core	5.68	18	0.2	1.2	2.4	4	<0.1	5.9	0.9	487	0.57	44.8	14.6	12.1	91	<0.1	0.3	0.2	<2
611719	Drill Core	4.99	87	0.2	4.7	3.8	14	0.2	0.5	2.3	665	1.13	231.3	72.8	10.5	86	<0.1	0.5	0.1	<2
611720	Drill Core	3.81	<2	<0.1	7.7	4.8	4	<0.1	<0.1	1.2	255	0.79	7.3	4.5	11.9	21	<0.1	<0.1	0.2	<2
611721	Drill Core	4.43	20	<0.1	7.2	28.0	17	0.3	0.6	2.7	414	0.88	259.9	8.0	13.1	14	<0.1	0.2	0.4	<2
611722	Drill Core	4.91	233	0.3	10.4	75.5	34	0.6	0.7	3.0	462	1.02	1390	417.7	15.5	25	0.2	0.4	0.2	<2
611723	Drill Core	4.77	<2	0.8	4.8	5.4	7	<0.1	0.7	2.3	379	0.57	7.3	1.4	16.6	32	<0.1	0.1	<0.1	<2
611724	Rock Pulp	0.05	2547	15.4	37.9	35.9	170	1.7	45.8	6.2	247	1.83	527.6	47.2	3.0	52	2.0	44.2	0.3	91
611725	Drill Core	5.32	38	0.8	3.5	5.2	7	<0.1	1.3	2.5	649	0.61	51.1	4.8	19.3	98	<0.1	0.1	<0.1	<2
611726	Drill Core	5.34	685	0.3	13.1	34.1	75	0.4	7.4	7.9	1129	1.89	546.9	209.0	17.4	114	0.5	0.5	<0.1	5
611727	Drill Core	3.41	11	0.5	16.1	15.4	52	0.3	5.7	4.6	680	1.18	61.3	14.0	12.9	90	0.3	0.4	0.1	3
611728	Drill Core	3.90	3	3.8	6.2	4.8	12	<0.1	0.3	2.1	503	0.96	12.1	3.2	16.5	58	<0.1	0.2	<0.1	<2
611729	Drill Core	5.90	3	7.6	4.9	4.3	10	<0.1	0.4	1.3	543	0.72	18.3	5.5	16.6	70	<0.1	0.2	<0.1	<2
611730	Drill Core	3.03	4	0.3	13.8	23.6	38	0.2	4.8	4.7	890	1.35	343.2	2.7	20.6	112	0.3	0.5	0.1	<2



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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611701	Drill Core	0.019	27	<1	0.57	209	0.003	<20	0.42	0.034	0.28	<0.1	<0.01	1.1	<0.1	0.54	2	<0.5
611702	Drill Core	0.020	32	2	0.35	207	0.002	<20	0.47	0.036	0.32	<0.1	<0.01	0.7	<0.1	0.35	2	<0.5
611703	Drill Core	0.006	24	<1	0.17	252	0.001	<20	0.28	0.042	0.20	<0.1	<0.01	0.3	<0.1	0.24	1	<0.5
611704	Drill Core	0.026	22	2	0.23	321	0.002	<20	0.36	0.019	0.28	0.1	<0.01	0.6	<0.1	0.70	<1	<0.5
611705	Drill Core	0.021	25	<1	0.19	257	0.002	<20	0.39	0.038	0.32	0.2	<0.01	0.8	0.1	0.73	1	0.5
611706	Drill Core	0.031	27	2	0.09	349	0.002	<20	0.34	0.031	0.28	0.2	0.01	0.9	0.2	0.70	1	<0.5
611707	Drill Core	0.024	21	<1	0.06	228	0.002	<20	0.32	0.025	0.29	0.2	<0.01	0.6	0.2	0.55	<1	<0.5
611708	Drill Core	0.038	22	2	0.06	207	0.004	<20	0.37	0.021	0.34	0.3	<0.01	0.8	0.1	0.27	1	<0.5
611709	Drill Core	0.016	28	<1	0.04	197	0.002	<20	0.30	0.034	0.27	0.2	<0.01	0.4	0.1	0.09	<1	<0.5
611710	Drill Core	0.016	27	2	0.04	186	0.002	<20	0.28	0.033	0.26	0.2	0.01	0.4	0.1	0.09	<1	<0.5
611711	Drill Core	0.033	31	<1	0.07	279	0.002	<20	0.38	0.027	0.39	0.2	<0.01	0.5	0.2	0.28	1	<0.5
611712	Drill Core	0.040	34	2	0.09	227	0.003	<20	0.33	0.024	0.32	0.1	<0.01	0.7	0.1	0.32	<1	<0.5
611713	Drill Core	0.039	32	<1	0.07	274	0.002	<20	0.38	0.018	0.38	0.1	<0.01	0.4	0.1	0.17	<1	<0.5
611714	Drill Core	0.036	33	2	0.07	285	0.003	<20	0.35	0.015	0.33	0.2	<0.01	0.3	0.1	0.13	<1	<0.5
611715	Drill Core	0.034	30	<1	0.12	272	0.002	<20	0.39	0.020	0.32	0.4	<0.01	0.7	<0.1	0.18	<1	<0.5
611716	Drill Core	0.028	29	<1	0.10	115	0.002	<20	0.30	0.027	0.21	0.2	0.01	1.5	<0.1	0.12	1	<0.5
611717	Drill Core	0.046	22	<1	0.27	98	0.002	<20	0.34	0.020	0.22	0.3	<0.01	2.3	<0.1	0.30	1	<0.5
611718	Drill Core	0.021	19	13	0.10	109	<0.001	<20	0.32	0.015	0.19	0.3	0.02	0.7	<0.1	0.30	<1	<0.5
611719	Drill Core	0.038	17	<1	0.30	95	0.001	<20	0.38	0.009	0.22	0.5	0.02	0.8	<0.1	0.72	<1	<0.5
611720	Drill Core	0.026	20	1	0.06	64	<0.001	<20	0.44	0.005	0.18	0.7	0.03	1.6	<0.1	0.08	1	<0.5
611721	Drill Core	0.036	30	<1	0.04	109	0.001	<20	0.43	0.006	0.21	0.9	0.02	1.3	<0.1	0.06	1	<0.5
611722	Drill Core	0.035	31	1	0.03	158	0.002	<20	0.39	0.004	0.24	0.6	0.04	0.6	0.1	0.14	<1	<0.5
611723	Drill Core	0.033	32	<1	0.04	252	0.002	<20	0.44	0.003	0.30	0.7	0.02	0.3	<0.1	0.13	<1	<0.5
611724	Rock Pulp	0.082	11	26	2.00	230	0.005	<20	0.47	0.006	0.20	3.7	4.00	2.7	1.8	1.25	1	2.4
611725	Drill Core	0.037	32	<1	0.09	390	0.003	<20	0.48	0.018	0.40	0.4	<0.01	0.4	0.1	0.23	1	<0.5
611726	Drill Core	0.045	20	4	0.58	290	0.002	<20	0.39	0.034	0.24	1.8	<0.01	1.9	<0.1	0.67	1	<0.5
611727	Drill Core	0.040	22	2	0.37	240	0.002	<20	0.41	0.028	0.28	0.9	<0.01	1.2	<0.1	0.37	1	<0.5
611728	Drill Core	0.027	35	2	0.16	156	0.002	<20	0.46	0.047	0.30	0.4	0.04	1.2	0.3	0.37	2	<0.5
611729	Drill Core	0.021	31	<1	0.17	124	0.001	<20	0.42	0.042	0.25	0.3	0.03	0.9	0.2	0.21	1	<0.5
611730	Drill Core	0.046	26	2	0.43	286	0.001	<20	0.50	0.007	0.26	0.5	0.05	0.8	0.1	0.54	1	<0.5



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Part 1

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611731	Drill Core	5.31	378	0.4	8.8	16.1	46	0.3	5.9	3.9	725	1.45	309.3	408.9	15.3	100	0.2	0.4	<0.1	3
611732	Drill Core	5.35	56	0.5	4.8	5.0	15	<0.1	0.3	0.8	331	0.44	67.6	33.5	17.3	43	0.2	0.1	<0.1	<2
611733	Drill Core	4.75	809	0.4	7.8	11.7	13	0.2	0.4	1.2	142	0.73	56.6	155.0	16.7	29	0.1	0.2	<0.1	<2
611734	Rock	2.37	<2	<0.1	1.6	3.0	49	<0.1	3.3	4.3	579	2.03	0.6	5.5	5.5	70	<0.1	<0.1	<0.1	39
611735	Drill Core	4.17	89	0.1	7.2	21.0	26	0.3	0.4	1.7	182	0.80	347.3	123.3	14.4	34	0.2	0.4	0.2	<2
611736	Drill Core	5.29	48	0.2	5.5	11.0	12	0.2	0.5	0.7	366	0.57	1002	35.8	15.2	46	<0.1	0.5	0.1	<2
611737	Drill Core	4.14	23	0.1	17.9	35.6	42	0.6	0.4	2.6	153	1.30	88.6	36.0	15.6	32	0.3	1.2	0.4	<2
611738	Drill Core	2.94	21	0.2	8.3	14.3	11	0.4	0.3	5.8	492	1.29	122.0	21.5	16.5	62	0.1	0.5	0.8	<2
611739	Drill Core	2.71	207	0.1	12.5	8.6	186	0.2	0.3	1.3	719	0.87	1204	182.8	15.8	64	2.2	0.6	0.3	<2
611740	Drill Core	5.09	510	0.3	45.8	42.4	317	1.1	0.4	2.0	838	1.34	1614	1468	12.9	104	3.6	0.6	0.9	<2
611741	Drill Core	4.92	8	0.2	9.0	5.7	12	0.1	0.4	1.4	616	0.75	40.4	9.0	14.2	83	<0.1	0.4	0.2	<2
611742	Drill Core	4.94	277	0.3	14.3	13.1	21	0.5	0.2	1.5	709	1.42	2220	473.6	12.7	81	0.2	1.4	0.2	<2
611743	Drill Core	5.34	133	<0.1	3.7	5.3	8	0.1	0.2	1.7	631	0.73	621.3	74.6	13.9	75	<0.1	0.7	0.1	<2
611744	Drill Core	2.32	17	0.2	24.2	6.0	32	0.1	0.4	4.2	356	1.40	299.3	26.2	16.0	41	0.1	0.4	<0.1	<2
611745	Drill Core	1.62	21	0.2	19.2	5.2	27	0.1	0.3	3.0	320	1.28	359.2	27.8	16.6	34	0.1	0.4	<0.1	<2
611746	Drill Core	4.68	8	0.3	7.6	7.4	40	0.1	0.3	5.7	1232	2.02	182.4	9.6	11.1	59	0.1	0.4	0.1	<2
611747	Drill Core	4.44	28	0.6	17.0	13.4	64	0.3	0.4	7.0	2684	2.15	161.8	24.1	14.2	42	0.3	0.4	0.1	<2
611748	Drill Core	4.82	38	0.6	35.2	24.9	154	0.6	0.4	8.5	4053	2.69	338.5	44.0	12.6	31	1.7	0.7	0.4	<2
611749	Drill Core	3.63	18	0.1	13.4	17.0	26	0.3	0.1	1.1	69	1.21	458.7	20.2	16.7	44	0.1	0.5	0.2	<2
611750	Drill Core	4.13	52	0.2	17.6	10.7	56	0.2	0.3	4.8	986	1.82	610.9	59.4	13.5	61	0.3	0.7	0.1	<2
611751	Drill Core	5.33	27	0.4	12.3	5.9	19	0.2	0.3	2.9	701	1.33	266.1	31.3	13.8	65	<0.1	0.8	<0.1	<2
611752	Drill Core	5.12	32	1.0	10.5	4.8	11	0.1	0.3	2.5	644	1.16	421.7	36.5	14.1	60	<0.1	0.7	<0.1	<2
611753	Drill Core	6.29	56	0.5	14.6	5.5	17	0.2	0.3	2.2	749	1.30	690.5	59.5	14.0	77	0.1	1.0	<0.1	<2
611754	Drill Core	4.67	38	0.1	9.1	12.7	45	0.2	0.3	1.9	675	0.93	596.8	39.7	13.1	75	0.4	0.8	<0.1	<2
611755	Drill Core	5.28	20	0.6	67.5	178.4	556	0.6	0.3	2.5	614	1.01	274.0	22.0	13.2	66	5.3	0.6	0.4	<2
611756	Drill Core	5.74	54	4.2	10.2	7.9	20	0.2	0.4	2.4	809	1.28	1021	63.0	13.5	73	<0.1	1.2	0.1	<2
611757	Drill Core	5.31	61	0.7	18.5	15.2	56	0.3	0.5	5.4	1098	2.45	1507	61.6	11.1	85	0.3	1.3	0.3	2
611758	Drill Core	5.58	65	0.2	11.2	14.8	16	0.2	0.2	2.6	840	1.22	980.6	75.6	12.0	93	0.1	1.2	0.1	<2
611759	Rock Pulp	0.08	2094	20.6	12.7	13.3	35	0.3	17.2	2.7	17	0.86	105.5	2222	3.0	91	0.3	71.1	0.1	62
611760	Drill Core	5.87	49	0.4	9.9	9.6	20	0.2	1.7	2.4	634	1.04	713.7	41.0	13.4	65	0.1	0.7	0.2	<2



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Sixty Mile

Report Date:

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611731	Drill Core	0.034	25	2	0.52	183	0.001	<20	0.49	0.037	0.28	0.6	0.03	1.7	0.2	0.37	2	<0.5
611732	Drill Core	0.016	32	4	0.12	210	0.002	<20	0.39	0.039	0.27	0.5	0.02	0.6	<0.1	0.12	1	<0.5
611733	Drill Core	0.026	30	<1	0.12	99	0.002	<20	0.42	0.046	0.27	0.5	0.04	0.8	0.2	0.33	2	<0.5
611734	Rock	0.085	11	9	0.60	224	0.143	<20	1.08	0.096	0.50	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5
611735	Drill Core	0.029	23	<1	0.14	93	0.001	<20	0.38	0.050	0.24	0.6	0.03	0.8	0.1	0.37	1	<0.5
611736	Drill Core	0.021	23	4	0.08	69	<0.001	<20	0.31	0.040	0.13	0.4	0.03	0.6	<0.1	0.27	<1	0.5
611737	Drill Core	0.014	24	<1	0.08	105	<0.001	<20	0.50	0.004	0.19	0.4	0.02	0.6	<0.1	1.06	1	<0.5
611738	Drill Core	0.018	25	2	0.06	186	0.001	<20	0.40	0.023	0.30	0.3	0.02	0.8	<0.1	1.12	1	0.6
611739	Drill Core	0.037	31	<1	0.19	160	0.002	<20	0.45	0.035	0.30	0.6	0.03	1.0	0.1	0.31	2	<0.5
611740	Drill Core	0.040	20	2	0.20	149	<0.001	<20	0.47	0.021	0.30	>100	*	1.4	0.2	0.78	2	<0.5
611741	Drill Core	0.026	31	<1	0.10	141	0.001	<20	0.48	0.025	0.29	0.7	0.03	0.9	<0.1	0.37	2	0.5
611742	Drill Core	0.032	19	2	0.20	113	0.001	<20	0.42	0.015	0.22	0.8	0.03	0.8	0.1	1.05	1	1.0
611743	Drill Core	0.023	21	<1	0.15	112	0.001	<20	0.40	0.025	0.24	0.3	0.03	0.6	0.1	0.43	1	<0.5
611744	Drill Core	0.035	41	<1	0.10	210	0.001	<20	0.71	0.010	0.27	0.2	0.04	1.1	<0.1	0.06	2	<0.5
611745	Drill Core	0.032	42	<1	0.10	212	0.001	<20	0.71	0.010	0.28	0.3	0.04	1.0	<0.1	0.08	2	<0.5
611746	Drill Core	0.075	25	<1	0.22	176	0.002	<20	0.67	0.008	0.25	0.5	0.05	2.0	<0.1	0.39	2	0.8
611747	Drill Core	0.057	40	<1	0.32	284	0.001	<20	0.85	0.009	0.29	0.3	0.06	2.0	0.1	0.62	2	0.6
611748	Drill Core	0.072	26	1	0.32	182	0.002	<20	0.88	0.007	0.33	0.4	0.06	1.8	0.2	1.06	2	1.2
611749	Drill Core	0.028	30	<1	0.05	154	0.001	<20	0.58	0.008	0.27	0.3	0.04	0.8	0.2	0.13	2	<0.5
611750	Drill Core	0.050	21	<1	0.23	168	0.001	<20	0.63	0.021	0.29	0.3	0.03	1.4	<0.1	0.98	2	<0.5
611751	Drill Core	0.033	21	<1	0.16	211	0.002	<20	0.47	0.024	0.29	0.3	<0.01	0.9	0.1	0.81	1	0.5
611752	Drill Core	0.030	23	1	0.17	159	0.002	<20	0.41	0.021	0.27	0.3	0.01	0.7	0.1	0.73	1	0.7
611753	Drill Core	0.029	21	<1	0.18	163	0.002	<20	0.44	0.026	0.29	0.3	<0.01	0.8	<0.1	0.94	1	0.6
611754	Drill Core	0.028	25	2	0.17	101	0.001	<20	0.39	0.024	0.24	0.2	<0.01	0.8	<0.1	0.53	1	0.5
611755	Drill Core	0.035	30	1	0.15	127	0.002	<20	0.43	0.034	0.30	0.3	0.03	1.2	<0.1	0.69	1	0.7
611756	Drill Core	0.043	27	<1	0.19	114	0.002	<20	0.49	0.038	0.32	0.4	0.01	1.4	0.2	0.59	2	<0.5
611757	Drill Core	0.078	20	1	0.40	153	0.002	<20	0.49	0.026	0.32	0.8	0.04	2.1	0.3	1.22	2	0.6
611758	Drill Core	0.042	20	<1	0.20	196	0.003	<20	0.54	0.027	0.38	0.6	<0.01	1.3	0.1	0.75	2	0.7
611759	Rock Pulp	0.021	14	23	0.04	3565	0.001	<20	0.24	0.002	0.10	9.7	1.71	1.2	2.1	0.11	1	<0.5
611760	Drill Core	0.035	22	5	0.17	169	0.002	<20	0.42	0.024	0.31	0.6	0.01	0.8	<0.1	0.57	1	<0.5



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Project: Sixty Mile
Report Date: November 17, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611761	Drill Core	5.18	110	6.7	11.7	41.2	45	0.5	1.0	2.7	600	1.50	3160	109.8	11.6	64	0.4	1.0	0.3	<2
611762	Drill Core	4.64	35	3.0	8.5	9.5	55	0.2	1.2	6.2	1293	2.85	627.0	46.6	10.2	122	0.2	0.9	0.2	4
611763	Drill Core	5.26	19	4.4	7.2	6.6	33	0.1	1.0	3.5	804	1.51	262.3	25.3	11.4	89	<0.1	0.6	0.1	<2
611764	Drill Core	5.24	36	1.4	11.3	6.8	26	0.2	1.5	2.9	832	1.32	542.8	38.7	11.0	77	0.2	0.8	0.1	<2
611765	Drill Core	4.60	623	1.4	24.2	79.0	132	1.2	1.0	4.5	669	2.10	2919	1234	12.4	58	1.3	1.2	0.9	<2
611766	Drill Core	5.12	13	1.4	19.9	12.5	25	0.2	1.3	3.0	746	1.38	229.1	12.8	12.9	59	0.1	0.4	<0.1	3
611767	Drill Core	4.28	20	1.0	26.8	38.8	33	0.5	1.2	2.5	774	1.14	336.1	25.1	15.1	52	0.3	0.3	0.6	<2
611768	Drill Core	3.79	16	0.5	17.4	12.7	16	0.2	1.6	1.0	57	1.00	289.1	19.5	16.2	39	0.1	0.3	0.1	<2
611769	Rock	3.26	<2	0.2	1.9	2.9	50	<0.1	4.4	4.3	596	2.10	1.7	<0.5	5.0	72	<0.1	<0.1	<0.1	40
611770	Drill Core	4.51	4	0.5	17.3	21.3	30	0.3	1.6	1.5	99	1.26	73.5	3.6	15.7	21	<0.1	0.3	0.2	<2
611771	Drill Core	3.47	<2	0.3	15.5	11.8	31	0.2	1.6	2.3	1027	0.87	14.4	1.0	14.0	44	0.4	0.1	0.1	<2
611772	Drill Core	5.84	52	127.5	52.7	68.5	638	0.8	1.8	3.7	734	1.76	607.1	11.4	11.8	55	5.7	0.7	0.6	<2
611773	Drill Core	5.00	210	0.3	71.0	136.4	580	2.8	1.3	5.1	1730	3.05	2199	162.7	10.5	120	5.9	2.3	1.5	<2
611774	Drill Core	4.80	152	1.7	62.0	129.2	599	1.9	1.6	4.0	963	2.21	580.5	71.9	10.7	87	6.2	1.1	1.2	<2
611775	Drill Core	4.44	307	1.2	11.0	22.6	70	0.4	0.6	3.7	1051	1.89	366.4	319.1	11.1	79	0.4	0.9	0.3	<2



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Report Date: November 17, 2011

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CERTIFICATE OF ANALYSIS

WHI11001593.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
611761	Drill Core	0.040	13	2	0.25	118	0.002	<20	0.46	0.024	0.25	0.8	<0.01	0.9	0.1	0.90	2	0.8	<0.2
611762	Drill Core	0.099	19	3	0.63	171	0.002	<20	0.56	0.021	0.32	1.4	0.03	2.1	0.4	1.19	2	0.6	<0.2
611763	Drill Core	0.046	21	1	0.29	139	0.002	<20	0.43	0.027	0.30	0.6	<0.01	1.1	0.1	0.68	2	0.6	<0.2
611764	Drill Core	0.034	20	4	0.20	125	0.002	<20	0.39	0.029	0.27	0.6	<0.01	1.1	<0.1	0.71	1	<0.5	<0.2
611765	Drill Core	0.050	17	1	0.25	150	0.002	<20	0.48	0.031	0.29	1.5	<0.01	1.2	<0.1	1.19	2	1.2	<0.2
611766	Drill Core	0.036	32	3	0.17	154	0.002	<20	0.40	0.031	0.26	0.6	0.02	0.9	0.3	0.59	1	0.5	<0.2
611767	Drill Core	0.024	28	<1	0.16	93	<0.001	<20	0.52	0.022	0.24	0.2	<0.01	0.6	0.1	0.44	2	0.8	<0.2
611768	Drill Core	0.023	40	4	0.06	62	<0.001	<20	0.45	0.007	0.18	0.3	0.02	0.7	<0.1	<0.05	1	<0.5	<0.2
611769	Rock	0.082	10	7	0.62	233	0.145	<20	1.06	0.095	0.52	<0.1	<0.01	2.1	0.3	<0.05	6	<0.5	<0.2
611770	Drill Core	0.033	33	4	0.04	68	<0.001	<20	0.46	0.006	0.19	0.4	0.01	0.7	<0.1	0.05	1	<0.5	<0.2
611771	Drill Core	0.018	24	3	0.14	69	<0.001	<20	0.49	0.015	0.21	0.2	0.03	0.6	<0.1	0.35	1	<0.5	<0.2
611772	Drill Core	0.044	20	4	0.22	137	0.001	<20	0.42	0.029	0.27	>100	0.01	1.1	0.1	1.08	2	<0.5	<0.2
611773	Drill Core	0.028	9	2	0.75	122	<0.001	<20	0.41	0.029	0.19	1.2	0.01	3.7	<0.1	2.15	1	0.8	<0.2
611774	Drill Core	0.048	11	4	0.55	164	0.002	<20	0.43	0.017	0.29	>100	0.02	1.1	0.1	1.37	2	0.7	<0.2
611775	Drill Core	0.054	14	<1	0.53	176	0.002	<20	0.45	0.027	0.30	1.3	0.06	1.7	0.2	1.00	1	<0.5	<0.2



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Part 1

QUALITY CONTROL REPORT

WHI11001593.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																					
611576	Drill Core	1.04	5	<0.1	33.0	7.9	542	0.3	332.1	63.5	3409	6.69	19.2	5.7	6.5	198	2.2	<0.1	9.6	109	3.70
REP 611576	QC	4																			
611583	Drill Core	4.93	<2	0.8	42.2	9.9	83	0.2	36.0	15.3	544	3.06	8.4	<0.5	11.1	58	0.3	0.2	0.4	26	0.96
REP 611583	QC	0.5		45.2	10.3	83	0.2	37.6	15.9	554	3.11	8.2	<0.5	11.5	57	0.2	0.3	0.4	26	0.96	
611598	Drill Core	4.54	<2	0.5	9.2	18.0	47	0.1	17.4	7.5	553	1.94	6.7	0.8	14.8	26	<0.1	<0.1	0.4	15	0.58
REP 611598	QC	2																			
611606	Drill Core	2.88	<2	0.6	9.1	14.4	59	<0.1	18.3	9.8	584	3.04	1.2	<0.5	12.6	88	<0.1	<0.1	0.4	26	1.79
REP 611606	QC	0.6		8.6	14.7	58	0.1	16.8	10.0	565	3.06	1.3	<0.5	12.4	86	<0.1	<0.1	0.4	27	1.78	
611628	Drill Core	5.28	10	3.1	153.4	24.1	82	0.5	20.6	19.6	785	3.20	4.4	11.9	15.7	46	0.3	0.2	0.2	18	0.79
REP 611628	QC	9																			
611632	Drill Core	4.51	<2	0.9	205.2	20.8	70	0.8	20.7	8.5	1030	2.76	7.4	2.0	14.8	45	0.2	0.2	0.3	14	1.12
REP 611632	QC	1.0		201.3	21.1	70	0.8	21.6	8.6	1028	2.77	7.1	3.1	14.5	45	0.2	0.2	0.3	14	1.11	
611634	Drill Core	4.38	4	0.5	24.1	22.5	71	0.3	18.9	9.6	1186	3.23	9.0	2.1	14.3	39	0.3	0.1	0.5	10	0.85
REP 611634	QC	<2																			
611661	Drill Core	4.00	8	0.3	62.5	49.6	110	0.4	15.8	10.7	617	2.74	3.5	5.4	16.0	41	0.4	0.2	0.4	12	0.83
REP 611661	QC	0.3		59.7	48.4	105	0.4	15.0	10.8	585	2.67	3.6	4.3	16.4	41	0.4	0.2	0.4	11	0.81	
611691	Drill Core	5.33	3	1.2	74.3	27.8	166	0.5	1.1	2.4	791	1.10	1.0	1.4	16.2	62	0.5	0.5	0.2	<2	1.54
REP 611691	QC	<2																			
611701	Drill Core	4.94	<2	1.2	5.7	12.2	32	0.1	1.0	2.0	511	1.14	1.1	<0.5	14.1	44	<0.1	0.1	0.2	2	1.35
REP 611701	QC	1.2		5.4	11.4	32	0.2	0.8	2.0	477	1.05	1.0	1.2	13.9	44	<0.1	0.1	0.1	<2	1.30	
611713	Drill Core	5.16	3	1.2	4.0	11.2	12	0.1	1.2	2.2	636	0.63	3.9	3.9	18.8	75	<0.1	0.1	<0.1	<2	1.76
REP 611713	QC	36																			
611750	Drill Core	4.13	52	0.2	17.6	10.7	56	0.2	0.3	4.8	986	1.82	610.9	59.4	13.5	61	0.3	0.7	0.1	<2	1.59
REP 611750	QC	0.3		18.0	11.1	54	0.2	0.1	4.4	1000	1.82	595.1	54.6	13.7	61	0.3	0.9	0.1	<2	1.56	
611759	Rock Pulp	0.08	2094	20.6	12.7	13.3	35	0.3	17.2	2.7	17	0.86	105.5	2222	3.0	91	0.3	71.1	0.1	62	0.32
REP 611759	QC	2247																			
611760	Drill Core	5.87	49	0.4	9.9	9.6	20	0.2	1.7	2.4	634	1.04	713.7	41.0	13.4	65	0.1	0.7	0.2	<2	1.98
REP 611760	QC	0.6		9.8	9.7	20	0.2	1.4	2.2	627	1.02	683.8	55.3	13.5	63	<0.1	0.7	0.2	<2	1.95	



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Part 2

QUALITY CONTROL REPORT

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
611576	Drill Core	0.277	51	407	4.33	108	0.040	<20	1.31	0.007	<0.01	<0.1	0.11	6.8	<0.1	1.88	6	<0.5
REP 611576	QC																	
611583	Drill Core	0.037	23	22	1.35	211	0.080	<20	1.40	0.024	0.57	<0.1	<0.01	3.2	0.2	0.64	6	0.5
REP 611583	QC	0.039	23	32	1.35	211	0.081	<20	1.37	0.025	0.57	0.1	<0.01	3.2	0.2	0.65	6	<0.5
611598	Drill Core	0.046	28	18	0.74	183	0.054	<20	1.06	0.021	0.53	<0.1	<0.01	1.9	0.2	0.48	4	<0.5
REP 611598	QC																	
611606	Drill Core	0.046	25	14	1.08	135	0.015	<20	0.74	0.017	0.35	0.1	<0.01	4.0	0.2	0.69	3	<0.5
REP 611606	QC	0.047	25	14	1.08	133	0.015	<20	0.75	0.018	0.35	0.1	0.01	4.0	0.1	0.72	3	<0.5
611628	Drill Core	0.038	31	17	1.14	139	0.040	<20	1.06	0.018	0.60	<0.1	<0.01	3.3	0.4	0.28	4	0.6
REP 611628	QC																	
611632	Drill Core	0.039	32	15	0.97	114	0.015	<20	0.84	0.011	0.51	0.1	<0.01	3.2	0.2	0.40	3	<0.5
REP 611632	QC	0.038	32	15	0.97	113	0.014	<20	0.83	0.012	0.51	0.1	<0.01	3.3	0.2	0.40	3	<0.5
611634	Drill Core	0.034	26	11	0.86	180	0.008	<20	0.74	0.010	0.45	0.2	<0.01	3.0	0.2	0.91	3	<0.5
REP 611634	QC																	
611661	Drill Core	0.038	26	11	0.84	134	0.024	<20	0.76	0.019	0.45	0.1	0.03	1.7	0.2	0.74	2	<0.5
REP 611661	QC	0.040	28	10	0.82	138	0.025	<20	0.74	0.019	0.44	0.1	0.03	1.8	0.2	0.73	2	<0.5
611691	Drill Core	0.002	21	<1	0.69	207	<0.001	<20	0.62	0.017	0.19	0.1	<0.01	0.7	<0.1	0.64	1	<0.5
REP 611691	QC																	
611701	Drill Core	0.019	27	<1	0.57	209	0.003	<20	0.42	0.034	0.28	<0.1	<0.01	1.1	<0.1	0.54	2	<0.5
REP 611701	QC	0.019	28	<1	0.55	215	0.003	<20	0.42	0.033	0.28	<0.1	<0.01	1.2	<0.1	0.51	2	<0.5
611713	Drill Core	0.039	32	<1	0.07	274	0.002	<20	0.38	0.018	0.38	0.1	<0.01	0.4	0.1	0.17	<1	<0.5
REP 611713	QC																	
611750	Drill Core	0.050	21	<1	0.23	168	0.001	<20	0.63	0.021	0.29	0.3	0.03	1.4	<0.1	0.98	2	<0.5
REP 611750	QC	0.049	22	<1	0.23	166	0.002	<20	0.62	0.021	0.29	0.4	0.02	1.4	0.1	0.97	2	0.7
611759	Rock Pulp	0.021	14	23	0.04	3565	0.001	<20	0.24	0.002	0.10	9.7	1.71	1.2	2.1	0.11	1	<0.5
REP 611759	QC																	
611760	Drill Core	0.035	22	5	0.17	169	0.002	<20	0.42	0.024	0.31	0.6	0.01	0.8	<0.1	0.57	1	<0.5
REP 611760	QC	0.036	21	4	0.17	171	0.002	<20	0.43	0.025	0.30	0.5	0.02	0.8	0.1	0.57	2	0.6



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Part 1

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
Core Reject Duplicates																				
611579	Drill Core	5.46	<2	1.2	32.6	5.6	127	0.2	343.3	51.8	1604	5.89	12.0	<0.5	5.8	96	0.3	<0.1	2.5	134
DUP 611579	QC		<2	0.4	28.0	5.3	109	0.2	332.5	50.7	1486	5.79	11.7	1.0	5.3	95	0.2	<0.1	1.8	132
611614	Drill Core	5.06	<2	0.5	14.8	18.2	56	0.1	21.5	11.3	608	2.97	2.7	1.4	16.2	50	0.1	<0.1	0.4	14
DUP 611614	QC		<2	0.5	15.3	15.4	56	0.1	21.9	11.5	601	2.86	2.9	1.1	16.3	51	<0.1	<0.1	0.4	13
611649	Drill Core	4.96	3	0.7	104.2	36.4	113	0.5	16.9	9.0	782	2.92	5.1	5.4	10.0	37	0.5	0.1	0.6	7
DUP 611649	QC		4	0.7	102.3	35.8	103	0.6	17.5	9.0	766	2.83	5.3	4.2	9.8	36	0.5	0.1	0.6	6
611684	Drill Core	3.51	15	0.9	19.9	49.2	6	0.5	0.4	0.8	26	0.58	7.2	5.6	8.4	13	<0.1	0.2	0.2	<2
DUP 611684	QC		2	0.9	20.7	47.5	6	0.5	0.8	0.8	25	0.61	6.9	3.8	8.3	13	<0.1	0.2	0.2	<2
611719	Drill Core	4.99	87	0.2	4.7	3.8	14	0.2	0.5	2.3	665	1.13	231.3	72.8	10.5	86	<0.1	0.5	0.1	<2
DUP 611719	QC		79	0.2	4.8	4.0	14	0.1	0.7	2.1	649	1.13	230.4	76.1	10.9	85	0.1	0.5	0.1	<2
611754	Drill Core	4.67	38	0.1	9.1	12.7	45	0.2	0.3	1.9	675	0.93	596.8	39.7	13.1	75	0.4	0.8	<0.1	<2
DUP 611754	QC		39	0.1	10.9	15.6	57	0.2	0.2	2.3	668	1.05	672.1	43.0	13.5	72	0.6	0.8	0.1	<2
Reference Materials																				
STD DS8	Standard			15.1	113.1	131.9	321	2.0	40.2	8.0	645	2.60	25.4	115.1	8.1	72	2.6	3.6	6.2	43
STD DS8	Standard			14.8	107.1	123.3	322	1.8	36.0	7.4	610	2.47	24.2	120.7	7.3	71	2.3	4.8	6.3	42
STD DS8	Standard			13.3	111.7	123.2	318	1.7	37.1	7.5	610	2.49	25.0	103.9	7.0	73	2.7	3.0	6.8	41
STD DS8	Standard			13.1	112.9	128.6	315	1.7	40.0	7.5	617	2.56	25.7	113.3	7.0	70	2.0	3.3	6.3	44
STD DS8	Standard			13.0	109.1	129.1	324	1.9	39.0	7.6	630	2.54	25.3	101.2	6.0	73	2.3	5.1	7.0	44
STD DS8	Standard			14.3	115.3	126.9	322	2.2	38.7	7.8	630	2.56	27.6	139.1	7.2	75	2.5	4.5	6.7	42
STD DS8	Standard			13.7	112.2	126.0	318	1.9	38.7	8.0	631	2.58	26.9	218.7	6.9	76	2.4	4.4	6.7	43
STD OREAS45CA	Standard			1.0	506.9	23.0	61	0.3	245.8	86.3	901	15.44	4.4	51.6	7.8	17	0.1	<0.1	0.2	195
STD OREAS45CA	Standard			1.0	533.9	23.3	66	0.3	268.9	95.1	988	17.85	4.1	49.7	7.7	16	<0.1	0.1	0.2	214
STD OREAS45CA	Standard			0.6	493.2	20.2	61	0.3	239.1	86.0	889	15.20	3.8	43.4	6.5	16	0.1	<0.1	0.2	186
STD OREAS45CA	Standard			0.7	528.9	22.3	65	0.3	270.4	93.0	940	16.32	3.5	41.5	7.6	16	<0.1	<0.1	0.2	215
STD OREAS45CA	Standard			0.7	503.6	20.3	62	0.3	250.9	88.0	943	16.28	3.8	40.7	6.5	17	0.2	0.1	0.2	215
STD OREAS45CA	Standard			0.8	495.9	19.4	61	0.2	241.3	84.4	900	15.44	4.2	39.9	6.7	16	<0.1	<0.1	0.1	197
STD OREAS45CA	Standard			0.5	546.3	22.6	66	0.3	271.5	97.3	988	17.30	4.7	51.6	7.5	17	0.1	<0.1	0.2	205
STD OXC88	Standard			211																



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		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Ti ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2
Core Reject Duplicates																			
611579	Drill Core	0.258	61	480	4.75	85	0.097	<20	2.09	0.008	0.05	<0.1	0.02	3.2	<0.1	0.40	9	<0.5	1.0
DUP 611579	QC	0.257	56	465	4.58	68	0.082	<20	2.09	0.008	0.05	<0.1	<0.01	3.0	<0.1	0.41	9	<0.5	0.6
611614	Drill Core	0.050	30	13	0.85	135	0.003	<20	0.69	0.009	0.35	0.1	0.02	2.9	0.1	0.88	2	<0.5	<0.2
DUP 611614	QC	0.049	32	13	0.83	126	0.004	<20	0.69	0.009	0.36	0.1	0.01	2.8	0.1	0.78	2	0.6	<0.2
611649	Drill Core	0.035	24	8	0.72	114	0.002	<20	0.58	0.018	0.32	0.2	0.02	2.6	0.1	0.98	2	0.5	0.2
DUP 611649	QC	0.036	25	7	0.71	109	0.002	<20	0.53	0.017	0.30	0.2	0.02	2.6	0.1	0.92	2	<0.5	0.3
611684	Drill Core	0.006	18	3	0.04	122	<0.001	<20	0.34	0.004	0.15	0.2	0.03	0.4	<0.1	0.06	1	<0.5	<0.2
DUP 611684	QC	0.005	18	3	0.04	138	0.001	<20	0.40	0.004	0.17	0.2	0.02	0.5	<0.1	0.05	1	<0.5	<0.2
611719	Drill Core	0.038	17	<1	0.30	95	0.001	<20	0.38	0.009	0.22	0.5	0.02	0.8	<0.1	0.72	<1	<0.5	<0.2
DUP 611719	QC	0.038	18	<1	0.30	95	<0.001	<20	0.38	0.009	0.22	0.4	0.02	0.8	<0.1	0.71	<1	<0.5	<0.2
611754	Drill Core	0.028	25	2	0.17	101	0.001	<20	0.39	0.024	0.24	0.2	<0.01	0.8	<0.1	0.53	1	0.5	<0.2
DUP 611754	QC	0.030	24	2	0.17	109	0.002	<20	0.42	0.024	0.26	0.3	0.01	0.9	<0.1	0.61	1	0.7	<0.2
Reference Materials																			
STD DS8	Standard	0.080	17	126	0.63	311	0.124	<20	1.07	0.098	0.46	2.4	0.17	2.4	5.5	0.17	5	5.4	5.3
STD DS8	Standard	0.077	17	118	0.60	289	0.126	<20	0.95	0.094	0.41	2.5	0.20	2.2	5.3	0.16	5	5.2	5.1
STD DS8	Standard	0.080	15	114	0.61	291	0.117	<20	0.96	0.102	0.43	3.0	0.19	2.5	5.6	0.16	5	5.9	5.4
STD DS8	Standard	0.081	15	124	0.62	285	0.111	<20	0.95	0.091	0.43	2.1	0.19	2.1	5.4	0.17	5	5.1	4.6
STD DS8	Standard	0.082	14	117	0.62	291	0.122	<20	0.92	0.090	0.42	2.7	0.17	2.1	5.6	0.17	5	5.9	5.4
STD DS8	Standard	0.083	16	117	0.63	306	0.120	<20	0.99	0.106	0.44	2.2	0.17	2.5	5.5	0.17	5	5.4	4.9
STD DS8	Standard	0.081	17	121	0.64	309	0.128	<20	1.02	0.109	0.44	2.1	0.21	2.7	5.4	0.17	5	5.0	5.1
STD OREAS45CA	Standard	0.035	18	713	0.15	181	0.138	<20	4.04	0.015	0.08	<0.1	0.05	37.6	<0.1	<0.05	18	0.6	<0.2
STD OREAS45CA	Standard	0.040	17	740	0.16	170	0.154	<20	4.05	0.007	0.07	<0.1	0.04	40.0	<0.1	<0.05	20	<0.5	<0.2
STD OREAS45CA	Standard	0.038	16	642	0.16	157	0.117	<20	3.80	0.011	0.08	<0.1	0.03	41.9	<0.1	<0.05	18	0.8	<0.2
STD OREAS45CA	Standard	0.039	16	703	0.14	158	0.129	<20	4.00	0.016	0.07	<0.1	<0.01	37.6	<0.1	<0.05	19	<0.5	<0.2
STD OREAS45CA	Standard	0.040	16	655	0.18	164	0.158	<20	3.67	0.004	0.07	<0.1	0.02	40.1	<0.1	<0.05	20	<0.5	0.2
STD OREAS45CA	Standard	0.036	16	657	0.17	159	0.163	<20	3.86	0.014	0.08	<0.1	0.02	42.0	<0.1	<0.05	18	0.6	<0.2
STD OREAS45CA	Standard	0.043	18	739	0.19	181	0.123	<20	4.08	0.008	0.08	<0.1	0.04	50.1	0.1	<0.05	20	1.0	<0.2
STD OXC88	Standard																		



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Part 1

QUALITY CONTROL REPORT

WHI11001593.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OXC88	Standard	187																			
STD OXC88	Standard	200																			
STD OXC88	Standard	194																			
STD OXC88	Standard	195																			
STD OXC88	Standard	197																			
STD OXC88	Standard	195																			
STD OXH82	Standard	1304																			
STD OXH82	Standard	1166																			
STD OXH82	Standard	1225																			
STD OXH82	Standard	1288																			
STD OXH82	Standard	1355																			
STD OXH82	Standard	1329																			
STD OXH82	Standard	1239																			
STD OXH82	Standard	1239																			
STD OXH82	Standard	1247																			
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	
STD OXC88 Expected		203																			
STD OXH82 Expected		1278																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		



Acme Analytical Laboratories (Vancouver) Ltd.

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Radius Gold Inc.

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Project:

Sixty Mile

Report Date:

November 17, 2011

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Part 2

QUALITY CONTROL REPORT

WHI11001593.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD OXH82	Standard																		
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OXC88 Expected																			
STD OXH82 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		



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Part 1

QUALITY CONTROL REPORT

WHI11001593.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
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BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank		<2	<0.1	1.7	2.9	46	<0.1	2.5	3.9	598	2.05	<0.5	<0.5	5.7	63	<0.1	<0.1	<0.1	42	0.50
G1	Prep Blank		<2	<0.1	1.8	3.0	44	<0.1	2.6	3.8	585	2.04	<0.5	<0.5	5.4	65	<0.1	<0.1	<0.1	42	0.55



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Part 2

QUALITY CONTROL REPORT

WHI11001593.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
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BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.080	11	12	0.54	174	0.131	<20	0.90	0.075	0.48	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2
G1	Prep Blank	0.084	12	11	0.53	174	0.127	<20	0.95	0.084	0.49	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2



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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: September 17, 2011
Report Date: November 21, 2011
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CERTIFICATE OF ANALYSIS

WHI11001695.1

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-24
P.O. Number
Number of Samples: 122

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	119	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	122	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	122	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
G6Gr	1	Lead collection fire assay 30G fusion - Grav finish	30	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project:

Sixty Mile

Report Date:

November 21, 2011

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Part 1

CERTIFICATE OF ANALYSIS

WHI11001695.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613199	Drill Core	4.63	88	<0.1	4.7	78.8	125	0.3	0.3	0.1	70	0.59	483.1	38.5	14.3	19	1.0	0.3	0.3	<2
613200	Drill Core	4.28	39	<0.1	4.7	61.6	194	0.4	0.3	0.1	63	0.58	187.2	16.0	14.9	19	1.6	0.2	0.2	<2
613201	Drill Core	4.93	136	<0.1	2.3	54.4	129	0.2	0.3	<0.1	49	0.33	815.2	54.3	14.2	18	1.0	0.2	0.2	<2
613202	Drill Core	3.02	43	<0.1	2.6	33.1	46	0.2	0.2	<0.1	87	0.41	1651	21.9	14.3	32	0.3	0.4	0.1	<2
613203	Drill Core	1.87	115	<0.1	1.5	16.1	39	<0.1	0.3	0.1	60	0.28	1085	10.8	14.4	18	0.3	0.2	<0.1	<2
613204	Drill Core	1.42	393	<0.1	1.4	34.9	25	0.2	0.4	0.2	37	0.48	3786	59.4	12.9	11	0.2	0.5	0.2	<2
613205	Drill Core	1.58	17	0.2	2.5	33.7	61	0.2	0.2	0.2	83	0.34	1357	30.5	15.1	26	0.5	0.2	0.2	<2
613206	Drill Core	3.52	55	<0.1	3.8	48.5	31	0.2	0.3	0.1	67	0.43	737.6	23.1	12.7	21	0.2	0.2	0.2	<2
613207	Drill Core	2.73	91	<0.1	8.4	261.5	174	0.8	0.2	0.2	48	0.70	1033	76.2	14.4	15	1.3	0.7	0.7	<2
613208	Drill Core	1.66	103	<0.1	6.6	96.8	120	0.4	0.2	0.2	41	0.53	191.0	67.0	15.9	15	0.9	0.2	0.3	<2
613209	Drill Core	1.60	35	<0.1	5.7	78.6	41	0.3	0.3	0.1	40	0.50	67.8	35.9	12.7	15	0.4	0.2	0.2	<2
613210	Drill Core	2.41	533	<0.1	2.1	40.0	253	0.3	0.2	0.2	61	0.45	2986	392.5	15.4	20	2.0	0.3	0.2	<2
613211	Drill Core	4.62	1162	0.1	2.4	32.4	36	0.5	0.2	0.2	61	0.49	3015	1458	14.5	21	0.2	0.3	0.2	<2
613212	Drill Core	2.50	344	0.2	2.0	19.6	47	0.2	0.2	0.1	64	0.42	2203	348.5	14.3	20	0.3	0.2	0.1	<2
613213	Drill Core	1.64	2205	<0.1	3.0	24.0	13	1.0	0.2	0.2	71	0.51	2568	2494	13.3	23	<0.1	0.4	0.1	<2
613214	Drill Core	3.60	817	0.1	2.2	24.8	27	0.4	0.2	0.1	54	0.40	2071	868.8	13.2	19	0.2	0.2	0.1	<2
613215	Drill Core	4.52	232	<0.1	3.0	43.3	54	0.4	0.3	0.1	67	0.41	1252	332.9	14.7	28	0.4	0.2	0.3	<2
613216	Drill Core	4.67	77	<0.1	3.2	14.2	14	0.1	0.1	0.1	78	0.43	596.6	88.0	14.8	40	<0.1	0.1	0.1	<2
613217	Drill Core	5.26	207	<0.1	5.4	13.5	17	0.1	0.2	0.1	85	0.39	2171	145.0	13.8	34	<0.1	0.2	<0.1	<2
613218	Drill Core	4.04	478	<0.1	6.1	17.7	19	0.2	0.2	0.1	111	0.68	262.0	73.8	12.3	32	0.1	0.3	<0.1	<2
613219	Drill Core	4.25	13	<0.1	8.5	32.0	45	0.2	0.2	0.2	105	0.82	183.6	21.5	13.1	36	0.3	0.3	0.2	<2
613220	Drill Core	4.32	50	<0.1	7.5	31.7	20	0.3	0.3	0.3	66	0.61	238.4	41.6	12.1	32	0.1	0.2	0.2	<2
613221	Drill Core	3.31	507	<0.1	11.6	21.1	11	0.3	0.4	0.3	113	1.00	285.3	92.3	27.7	43	<0.1	0.2	0.1	<2
613222	Drill Core	3.49	57	<0.1	7.0	20.9	8	0.2	0.1	0.4	246	0.80	259.1	28.4	18.3	96	<0.1	0.4	0.1	<2
613223	Drill Core	3.58	772	<0.1	6.3	15.0	11	1.2	0.3	0.3	117	0.68	1060	2777	14.3	69	<0.1	0.5	0.1	<2
613224	Rock Pulp	0.10	2683	16.1	38.1	37.3	170	1.0	46.8	6.1	257	1.82	509.3	49.6	3.0	48	1.9	39.0	0.3	88
613225	Drill Core	4.21	6	<0.1	4.0	10.4	59	<0.1	<0.1	0.3	265	0.88	26.1	0.6	18.1	219	<0.1	<0.1	0.1	<2
613227	Drill Core	5.77	4	0.8	2.4	8.9	59	<0.1	<0.1	0.2	211	0.80	1.2	<0.5	17.0	145	<0.1	<0.1	0.1	<2
613228	Drill Core	4.84	<2	1.6	2.6	15.1	58	<0.1	0.3	0.4	294	0.83	1.2	5.5	16.4	188	<0.1	<0.1	0.1	<2
613229	Drill Core	4.52	<2	1.4	2.3	10.8	54	<0.1	<0.1	0.3	258	0.75	1.4	2.9	16.7	156	<0.1	<0.1	0.2	<2



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Report Date: November 21, 2011

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CERTIFICATE OF ANALYSIS

WHI11001695.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
613199	Drill Core	0.005	36	<1	0.03	107	<0.001	<20	0.27	0.017	0.28	0.1	<0.01	0.8	0.2	0.35	1	<0.5	<0.2	
613200	Drill Core	0.005	36	<1	0.03	108	<0.001	<20	0.25	0.014	0.26	0.1	<0.01	0.8	<0.1	0.39	1	<0.5	<0.2	
613201	Drill Core	0.004	36	<1	0.02	155	<0.001	<20	0.24	0.037	0.24	0.1	<0.01	0.5	<0.1	0.15	<1	<0.5	<0.2	
613202	Drill Core	0.005	32	<1	0.02	202	<0.001	<20	0.24	0.037	0.23	0.1	<0.01	0.8	<0.1	0.23	<1	<0.5	<0.2	
613203	Drill Core	0.005	40	<1	0.01	185	<0.001	<20	0.24	0.043	0.23	0.2	<0.01	0.5	<0.1	0.13	<1	<0.5	<0.2	
613204	Drill Core	0.004	27	<1	0.02	323	<0.001	<20	0.23	0.029	0.21	0.2	<0.01	0.4	<0.1	0.26	<1	<0.5	<0.2	
613205	Drill Core	0.004	30	1	0.02	174	<0.001	<20	0.25	0.033	0.27	0.2	<0.01	0.5	<0.1	0.18	<1	<0.5	<0.2	
613206	Drill Core	0.004	26	<1	0.01	123	<0.001	<20	0.17	0.052	0.14	0.1	<0.01	0.5	<0.1	0.31	<1	<0.5	<0.2	
613207	Drill Core	0.004	28	<1	0.01	47	<0.001	<20	0.15	0.078	0.06	<0.1	<0.01	0.4	<0.1	0.64	<1	0.6	<0.2	
613208	Drill Core	0.004	32	<1	0.02	140	0.001	<20	0.21	0.058	0.17	<0.1	<0.01	0.6	<0.1	0.43	<1	<0.5	<0.2	
613209	Drill Core	0.003	25	<1	0.02	110	<0.001	<20	0.17	0.061	0.13	<0.1	<0.01	0.5	<0.1	0.38	<1	<0.5	<0.2	
613210	Drill Core	0.004	32	<1	0.02	118	<0.001	<20	0.28	0.021	0.25	0.3	<0.01	0.4	<0.1	0.26	<1	<0.5	<0.2	
613211	Drill Core	0.004	35	<1	0.02	128	<0.001	<20	0.28	0.026	0.27	0.3	<0.01	0.4	<0.1	0.27	1	<0.5	<0.2	
613212	Drill Core	0.003	31	<1	0.02	135	<0.001	<20	0.26	0.026	0.26	0.2	<0.01	0.4	<0.1	0.21	<1	<0.5	<0.2	
613213	Drill Core	0.004	31	<1	0.02	105	<0.001	<20	0.21	0.037	0.18	0.2	<0.01	0.5	<0.1	0.29	<1	<0.5	<0.2	
613214	Drill Core	0.004	34	<1	0.01	100	<0.001	<20	0.25	0.026	0.22	0.2	<0.01	0.4	<0.1	0.21	<1	<0.5	<0.2	
613215	Drill Core	0.005	39	<1	0.02	114	<0.001	<20	0.27	0.033	0.24	0.2	<0.01	0.5	<0.1	0.23	<1	<0.5	<0.2	
613216	Drill Core	0.005	41	<1	0.02	111	<0.001	<20	0.21	0.022	0.23	0.1	<0.01	1.1	<0.1	0.21	<1	<0.5	<0.2	
613217	Drill Core	0.005	38	<1	0.02	169	<0.001	<20	0.26	0.032	0.24	0.2	<0.01	0.5	<0.1	0.17	<1	<0.5	<0.2	
613218	Drill Core	0.006	25	<1	0.03	122	<0.001	<20	0.11	0.080	0.04	<0.1	<0.01	0.8	<0.1	0.46	<1	<0.5	<0.2	
613219	Drill Core	0.004	27	<1	0.07	92	<0.001	<20	0.12	0.072	0.04	<0.1	<0.01	1.0	<0.1	0.39	<1	<0.5	<0.2	
613220	Drill Core	0.003	25	<1	0.03	221	<0.001	<20	0.23	0.024	0.26	0.1	<0.01	0.4	<0.1	0.41	<1	<0.5	<0.2	
613221	Drill Core	0.005	44	<1	0.03	267	<0.001	<20	0.33	0.022	0.37	0.1	<0.01	0.7	<0.1	0.95	1	<0.5	<0.2	
613222	Drill Core	0.004	29	<1	0.10	191	<0.001	<20	0.16	0.067	0.10	<0.1	<0.01	1.0	<0.1	0.57	<1	<0.5	<0.2	
613223	Drill Core	0.003	30	<1	0.17	515	<0.001	<20	0.28	0.021	0.34	0.1	<0.01	0.5	0.1	0.38	1	<0.5	<0.2	
613224	Rock Pulp	0.078	12	26	1.96	82	0.004	<20	0.41	0.004	0.18	3.9	4.50	2.3	1.9	1.25	1	2.5	<0.2	
613225	Drill Core	0.003	48	<1	0.75	365	<0.001	<20	0.31	0.014	0.16	<0.1	<0.01	1.7	0.1	<0.05	1	<0.5	<0.2	
613227	Drill Core	0.003	49	2	0.72	290	<0.001	<20	0.30	0.013	0.16	0.2	0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2	
613228	Drill Core	0.003	44	<1	0.73	905	<0.001	<20	0.32	0.010	0.15	0.1	<0.01	1.8	<0.1	0.05	<1	<0.5	<0.2	
613229	Drill Core	0.003	45	<1	0.65	1101	<0.001	<20	0.31	0.009	0.17	0.1	0.01	1.7	<0.1	0.11	1	<0.5	<0.2	



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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613230	Drill Core	5.23	7	3.5	1.9	50.0	56	0.3	<0.1	0.3	271	0.77	1.2	3.1	15.1	175	0.3	<0.1	0.3	<2
613231	Drill Core	4.52	<2	1.5	3.1	31.6	53	0.2	0.2	0.3	239	0.70	<0.5	<0.5	15.1	158	0.2	0.1	0.3	<2
613232	Drill Core	4.72	<2	0.9	0.9	12.3	57	0.1	<0.1	0.2	240	0.77	0.7	<0.5	17.1	165	0.1	<0.1	0.2	<2
613233	Drill Core	4.78	2	0.7	1.0	11.0	52	<0.1	0.3	0.2	275	0.84	1.3	2.7	17.0	188	<0.1	<0.1	0.2	<2
613234	Rock	2.12	<2	0.1	1.9	3.3	47	<0.1	3.0	3.9	556	2.01	<0.5	0.9	6.1	72	<0.1	<0.1	<0.1	39
613235	Drill Core	5.63	<2	0.2	1.9	12.8	64	<0.1	0.3	0.3	248	0.86	0.7	<0.5	16.0	212	<0.1	<0.1	0.2	<2
613236	Drill Core	4.91	11	0.8	1.5	16.4	67	<0.1	0.6	0.4	332	1.08	1.6	<0.5	15.5	299	0.2	<0.1	0.2	<2
613237	Drill Core	4.70	<2	0.2	3.2	18.2	70	<0.1	0.2	0.3	240	0.97	0.5	<0.5	17.2	196	0.1	<0.1	0.2	<2
613238	Drill Core	4.63	<2	0.4	1.2	16.3	56	<0.1	0.6	0.2	262	0.91	<0.5	<0.5	18.0	226	0.1	<0.1	0.2	<2
613239	Drill Core	4.81	<2	0.3	1.1	11.5	52	<0.1	0.3	0.2	237	0.89	0.6	<0.5	17.9	183	0.1	<0.1	0.2	<2
613240	Drill Core	4.78	<2	0.6	1.2	7.2	57	<0.1	0.3	0.3	240	0.93	0.6	1.4	17.7	175	<0.1	<0.1	0.2	<2
613241	Drill Core	4.56	<2	0.5	1.6	17.7	56	<0.1	0.3	0.3	258	0.99	<0.5	<0.5	19.2	217	<0.1	<0.1	0.2	<2
613242	Drill Core	3.36	<2	0.4	1.3	8.9	45	<0.1	0.2	0.3	205	0.78	0.7	<0.5	17.5	174	0.1	<0.1	0.2	<2
613243	Drill Core	2.20	<2	4.4	1.0	10.3	63	<0.1	0.4	0.2	285	1.07	0.7	1.5	21.3	205	0.1	<0.1	0.2	<2
613244	Drill Core	2.35	<2	0.9	3.7	15.5	51	<0.1	0.4	0.4	244	0.82	1.2	<0.5	17.5	186	<0.1	0.1	0.1	<2
613245	Drill Core	1.93	<2	0.7	3.6	27.3	59	<0.1	0.3	0.5	262	0.98	0.9	<0.5	20.0	198	<0.1	<0.1	0.2	<2
613246	Drill Core	4.40	<2	1.4	1.5	16.2	59	<0.1	<0.1	0.9	241	0.85	0.9	<0.5	21.4	217	<0.1	<0.1	0.2	<2
613247	Drill Core	4.77	2	2.3	1.6	15.1	56	<0.1	0.5	0.5	269	0.99	4.5	1.7	19.0	302	0.1	<0.1	0.3	<2
613248	Drill Core	4.67	7	0.5	0.9	9.2	54	<0.1	0.3	0.4	234	0.92	0.7	9.7	16.8	230	<0.1	<0.1	0.1	<2
613249	Drill Core	4.56	2	1.1	0.9	23.1	55	<0.1	0.2	0.3	291	1.05	3.2	1.2	17.2	262	0.2	<0.1	0.3	<2
613250	Drill Core	4.70	<2	<0.1	0.7	10.3	73	<0.1	0.3	0.4	302	1.29	<0.5	<0.5	17.8	203	0.1	<0.1	0.1	<2
613251	Drill Core	4.61	<2	<0.1	0.7	10.4	55	<0.1	0.4	0.5	276	1.09	0.6	<0.5	18.2	183	<0.1	<0.1	0.2	<2
613252	Drill Core	3.22	<2	<0.1	0.5	12.4	61	0.1	0.6	0.4	311	1.22	0.8	<0.5	18.4	255	0.1	<0.1	0.1	<2
613253	Drill Core	3.50	2	0.2	1.9	17.9	26	<0.1	0.2	0.5	260	0.77	1.3	<0.5	14.0	212	<0.1	<0.1	0.1	<2
613254	Drill Core	4.63	3	1.1	6.0	14.3	26	0.1	0.5	0.5	217	0.65	11.2	4.2	16.9	132	0.1	<0.1	0.2	<2
611776	Drill Core	2.87	435	0.3	19.5	99.7	313	1.6	0.4	2.5	2530	3.34	>10000	212.1	9.8	146	3.2	4.2	2.2	<2
611777	Drill Core	3.63	358	0.3	11.4	27.2	60	0.4	0.9	2.0	741	1.46	1099	164.9	12.1	66	0.4	1.3	0.4	<2
611778	Drill Core	4.78	73	3.3	10.2	4.6	9	0.1	0.3	1.4	573	0.72	455.3	21.2	14.9	52	<0.1	0.4	0.1	<2
611779	Drill Core	3.26	133	0.3	65.6	18.5	60	0.7	0.2	2.2	819	1.31	370.3	56.8	12.1	69	0.4	0.7	0.4	<2
611780	Drill Core	2.96	18	0.4	101.9	20.2	103	1.2	0.5	2.6	772	1.38	149.6	20.1	12.8	61	0.7	0.8	0.4	<2



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Part 2

CERTIFICATE OF ANALYSIS

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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
613230	Drill Core	0.003	29	<1	0.72	253	<0.001	<20	0.31	0.010	0.22	0.1	<0.01	1.0	<0.1	0.09	<1	<0.5	<0.2	
613231	Drill Core	0.004	39	<1	0.67	345	<0.001	<20	0.34	0.011	0.23	0.1	<0.01	1.0	<0.1	<0.05	<1	<0.5	<0.2	
613232	Drill Core	0.003	45	<1	0.71	438	<0.001	<20	0.31	0.013	0.19	0.2	<0.01	1.2	<0.1	<0.05	1	<0.5	<0.2	
613233	Drill Core	0.003	46	<1	0.72	276	<0.001	<20	0.33	0.013	0.17	0.2	<0.01	2.2	<0.1	0.05	<1	<0.5	<0.2	
613234	Rock	0.074	11	5	0.60	226	0.127	<20	1.05	0.100	0.52	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2	
613235	Drill Core	0.002	42	<1	0.78	373	<0.001	<20	0.34	0.015	0.16	0.2	0.02	2.9	<0.1	0.05	<1	<0.5	<0.2	
613236	Drill Core	0.002	40	<1	0.99	357	<0.001	<20	0.35	0.015	0.14	0.2	0.01	3.0	<0.1	0.12	1	<0.5	<0.2	
613237	Drill Core	0.003	43	<1	0.69	583	<0.001	<20	0.40	0.019	0.17	0.3	0.01	3.0	<0.1	0.10	1	<0.5	<0.2	
613238	Drill Core	0.003	47	<1	0.84	671	<0.001	<20	0.40	0.023	0.18	0.3	<0.01	3.0	<0.1	0.07	1	<0.5	<0.2	
613239	Drill Core	0.004	46	<1	0.71	533	<0.001	<20	0.36	0.019	0.17	0.3	<0.01	2.9	<0.1	<0.05	1	<0.5	<0.2	
613240	Drill Core	0.004	51	<1	0.73	540	<0.001	<20	0.40	0.018	0.20	0.2	<0.01	2.8	<0.1	0.06	1	<0.5	<0.2	
613241	Drill Core	0.004	54	<1	0.81	367	<0.001	<20	0.38	0.017	0.19	0.2	<0.01	2.6	<0.1	0.06	<1	<0.5	<0.2	
613242	Drill Core	0.004	45	<1	0.64	460	<0.001	<20	0.36	0.020	0.17	0.4	0.01	2.6	<0.1	0.05	<1	<0.5	<0.2	
613243	Drill Core	0.004	49	<1	0.80	617	<0.001	<20	0.38	0.017	0.18	0.5	<0.01	3.4	<0.1	0.06	<1	<0.5	<0.2	
613244	Drill Core	0.004	46	<1	0.72	308	<0.001	<20	0.37	0.016	0.18	0.1	<0.01	2.0	<0.1	<0.05	<1	<0.5	<0.2	
613245	Drill Core	0.004	48	<1	0.79	497	<0.001	<20	0.38	0.014	0.19	0.2	0.01	2.4	<0.1	0.11	<1	<0.5	<0.2	
613246	Drill Core	0.003	57	<1	0.71	267	<0.001	<20	0.39	0.016	0.20	<0.1	<0.01	2.8	<0.1	<0.05	<1	<0.5	<0.2	
613247	Drill Core	0.004	46	<1	0.89	345	<0.001	<20	0.38	0.017	0.19	<0.1	0.02	1.9	<0.1	0.10	1	<0.5	<0.2	
613248	Drill Core	0.003	46	<1	0.80	226	<0.001	<20	0.39	0.016	0.18	<0.1	<0.01	2.1	<0.1	<0.05	<1	<0.5	<0.2	
613249	Drill Core	0.002	41	<1	0.97	245	<0.001	<20	0.34	0.015	0.17	0.1	0.03	2.7	<0.1	0.12	<1	<0.5	<0.2	
613250	Drill Core	0.003	42	<1	0.93	197	<0.001	<20	0.36	0.018	0.15	<0.1	0.01	1.6	<0.1	<0.05	<1	0.5	<0.2	
613251	Drill Core	0.003	47	<1	0.83	274	<0.001	<20	0.37	0.016	0.17	<0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2	
613252	Drill Core	0.004	46	<1	0.85	410	<0.001	<20	0.36	0.016	0.17	<0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2	
613253	Drill Core	0.004	41	<1	0.48	239	<0.001	<20	0.26	0.018	0.14	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5	<0.2	
613254	Drill Core	0.004	34	<1	0.20	225	<0.001	<20	0.38	0.011	0.25	0.3	0.02	1.5	<0.1	0.23	<1	0.6	<0.2	
611776	Drill Core	0.022	10	<1	1.03	74	<0.001	<20	0.26	0.029	0.11	2.6	0.02	5.3	<0.1	1.65	<1	3.9	0.3	
611777	Drill Core	0.050	11	<1	0.39	116	0.002	<20	0.41	0.033	0.27	0.6	<0.01	1.5	<0.1	0.95	1	<0.5	<0.2	
611778	Drill Core	0.022	18	<1	0.14	92	0.001	<20	0.33	0.028	0.22	0.3	0.01	0.6	<0.1	0.44	1	<0.5	<0.2	
611779	Drill Core	0.025	18	<1	0.25	161	0.002	<20	0.39	0.022	0.25	0.7	0.02	0.7	<0.1	0.90	1	0.7	<0.2	
611780	Drill Core	0.027	18	<1	0.24	156	0.001	<20	0.38	0.019	0.25	1.0	0.02	0.8	<0.1	0.95	<1	<0.5	<0.2	



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611781	Drill Core	5.14	637	0.2	96.7	21.8	50	1.3	0.4	2.0	593	1.13	1338	302.2	13.6	47	0.4	1.3	0.5	<2
611782	Drill Core	4.30	36	<0.1	21.4	6.3	28	0.2	0.7	0.9	214	0.73	355.4	35.6	15.6	8	0.2	0.5	0.1	<2
611783	Drill Core	5.96	17	0.3	80.3	17.8	115	0.7	0.2	0.8	148	1.07	232.0	18.8	17.8	34	0.8	0.4	0.5	<2
611784	Drill Core	3.53	139	0.2	22.7	12.6	46	0.3	0.6	1.2	314	1.04	502.2	57.6	11.2	24	0.6	0.4	0.8	<2
611785	Drill Core	5.48	31	0.5	29.0	9.0	4	0.1	0.2	0.5	62	1.08	314.1	8.2	18.7	52	<0.1	0.2	0.7	<2
611786	Drill Core	4.39	28	<0.1	44.1	3.4	7	0.2	0.3	1.3	121	0.76	315.8	49.1	15.8	19	<0.1	0.2	0.2	<2
611787	Drill Core	4.46	318	1.0	21.3	8.1	7	0.4	0.6	1.5	111	1.45	1042	126.8	14.0	34	<0.1	0.6	0.6	<2
611788	Drill Core	5.27	332	0.4	10.9	7.9	8	0.4	0.3	1.6	744	1.35	1043	214.1	14.5	67	<0.1	0.6	0.5	<2
611789	Drill Core	5.16	23	0.3	8.9	4.5	13	<0.1	0.9	1.4	576	0.62	198.7	13.3	14.0	37	<0.1	0.2	0.1	<2
611790	Drill Core	4.74	84	3.8	14.5	6.9	4	0.2	0.4	0.7	68	1.18	936.4	39.5	16.6	39	<0.1	0.4	0.3	<2
611791	Drill Core	5.37	18	1.0	8.4	5.8	6	0.1	2.4	1.4	610	0.91	145.4	3.5	14.9	42	<0.1	0.2	0.2	<2
611792	Drill Core	5.40	<2	0.8	3.7	3.0	6	<0.1	0.4	0.6	442	0.45	17.2	1.7	17.7	36	<0.1	0.1	<0.1	<2
611793	Drill Core	5.48	107	0.8	9.1	9.1	6	0.2	0.4	1.4	490	0.86	907.0	45.2	15.1	45	<0.1	0.6	0.2	<2
611794	Rock Pulp	0.08	2408	20.0	13.5	15.0	36	0.3	18.4	2.4	16	0.85	102.8	2622	3.6	92	0.2	23.4	0.1	60
611795	Drill Core	5.58	263	0.9	7.2	10.7	5	0.3	0.5	1.1	529	0.80	1132	284.3	14.9	43	<0.1	0.4	0.2	<2
611796	Drill Core	5.55	854	0.5	5.0	13.2	9	0.5	0.6	0.8	221	0.89	3815	862.7	13.7	34	<0.1	0.5	0.2	<2
611797	Drill Core	5.72	291	0.9	5.6	21.5	12	0.6	0.7	1.1	314	1.18	5363	966.3	12.9	46	0.1	0.9	0.3	<2
611798	Drill Core	5.76	234	0.9	8.4	51.7	29	0.5	0.6	0.8	480	0.96	1168	144.9	16.5	50	0.2	0.7	0.6	<2
611799	Drill Core	5.63	850	0.4	12.6	50.6	24	0.7	0.7	1.4	345	1.19	1582	712.7	19.4	50	0.2	1.1	0.4	<2
611800	Drill Core	5.22	77	0.2	8.4	10.4	10	0.2	0.5	1.3	498	0.76	446.4	43.5	14.4	37	0.1	0.6	0.1	<2
611801	Drill Core	5.61	33	0.2	6.4	3.5	5	0.2	0.4	0.6	489	0.62	236.0	46.6	14.9	39	<0.1	0.6	<0.1	<2
611802	Drill Core	4.22	118	0.4	6.9	4.7	5	0.2	0.4	1.0	263	0.94	1609	43.7	14.4	29	<0.1	0.7	<0.1	<2
611803	Drill Core	5.11	30	1.3	4.8	4.2	5	<0.1	0.5	0.8	274	0.60	516.3	22.3	14.5	31	<0.1	0.2	<0.1	<2
611804	Rock	2.41	<2	<0.1	1.5	2.8	44	<0.1	3.1	3.8	540	1.91	<0.5	0.7	4.9	71	<0.1	<0.1	<0.1	36
611805	Drill Core	4.05	21	0.1	7.7	5.1	13	0.1	0.5	1.3	308	0.94	550.3	21.4	14.7	36	<0.1	0.3	<0.1	<2
611806	Drill Core	5.08	84	0.8	8.2	25.0	97	0.3	0.6	1.5	467	1.07	2831	61.9	15.3	43	1.1	0.9	0.3	<2
611807	Drill Core	4.90	158	0.3	7.2	12.5	20	0.3	0.7	1.6	264	0.91	2530	121.0	10.7	32	0.2	1.0	<0.1	<2
611808	Drill Core	1.36	173	0.2	9.4	21.8	33	0.8	0.9	1.8	322	1.17	3478	1600	13.0	37	0.3	1.1	0.2	<2
611809	Drill Core	4.40	432	0.8	7.4	9.0	19	0.3	0.7	1.4	241	0.95	2630	351.5	14.7	40	0.1	0.9	0.2	<2
611810	Drill Core	3.82	44	0.2	5.4	4.5	11	<0.1	0.5	0.5	295	0.70	1027	33.4	18.3	31	<0.1	0.3	<0.1	<2



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
611781	Drill Core	0.020	19	<1	0.14	133	0.001	<20	0.36	0.031	0.24	0.4	0.01	0.6	<0.1	0.92	1	1.1	<0.2	
611782	Drill Core	0.021	30	<1	0.07	85	<0.001	<20	0.47	0.008	0.21	0.3	0.04	0.6	<0.1	0.45	1	<0.5	<0.2	
611783	Drill Core	0.031	36	<1	0.07	90	<0.001	<20	0.49	0.012	0.24	0.4	0.04	0.7	<0.1	0.18	1	0.7	<0.2	
611784	Drill Core	0.012	19	<1	0.02	94	<0.001	<20	0.31	0.008	0.17	0.3	0.02	0.3	<0.1	0.21	1	0.8	<0.2	
611785	Drill Core	0.015	23	<1	0.05	93	<0.001	<20	0.49	0.009	0.20	0.4	0.05	0.7	<0.1	0.18	1	0.6	<0.2	
611786	Drill Core	0.011	25	<1	0.05	55	<0.001	<20	0.41	0.029	0.17	0.2	0.01	0.5	<0.1	0.10	<1	<0.5	<0.2	
611787	Drill Core	0.015	27	<1	0.05	72	<0.001	<20	0.41	0.013	0.18	0.6	0.02	0.5	0.1	0.27	<1	1.6	<0.2	
611788	Drill Core	0.015	25	<1	0.15	93	<0.001	<20	0.34	0.028	0.22	0.5	0.01	0.6	0.1	0.65	1	0.6	<0.2	
611789	Drill Core	0.016	31	<1	0.12	67	<0.001	<20	0.35	0.033	0.16	0.3	0.02	0.6	<0.1	0.23	1	<0.5	<0.2	
611790	Drill Core	0.017	27	<1	0.04	72	<0.001	<20	0.45	0.011	0.19	0.6	0.07	0.5	0.2	0.42	1	1.0	<0.2	
611791	Drill Core	0.014	29	<1	0.11	87	0.001	<20	0.34	0.038	0.23	0.4	<0.01	0.6	0.1	0.47	1	<0.5	<0.2	
611792	Drill Core	0.014	37	<1	0.07	79	0.001	<20	0.34	0.062	0.19	0.3	0.01	0.7	0.1	0.17	1	<0.5	<0.2	
611793	Drill Core	0.014	24	<1	0.08	88	<0.001	<20	0.33	0.038	0.22	0.4	0.01	0.4	0.1	0.66	1	0.7	<0.2	
611794	Rock Pulp	0.023	14	24	0.04	2121	<0.001	<20	0.32	0.003	0.12	5.3	1.64	1.1	2.3	0.10	2	<0.5	0.3	
611795	Drill Core	0.021	25	<1	0.06	77	0.001	<20	0.35	0.055	0.23	0.5	<0.01	0.5	0.1	0.53	1	0.7	<0.2	
611796	Drill Core	0.025	22	<1	0.12	82	0.001	<20	0.38	0.050	0.24	0.4	0.01	0.6	<0.1	0.60	1	<0.5	<0.2	
611797	Drill Core	0.035	17	<1	0.16	79	0.001	<20	0.38	0.055	0.22	6.8	<0.01	0.6	<0.1	0.82	1	1.0	<0.2	
611798	Drill Core	0.019	18	<1	0.18	49	<0.001	<20	0.28	0.048	0.14	0.8	<0.01	1.2	<0.1	0.60	1	<0.5	<0.2	
611799	Drill Core	0.022	26	<1	0.18	77	0.002	<20	0.36	0.055	0.20	1.2	0.02	0.9	<0.1	0.63	1	<0.5	<0.2	
611800	Drill Core	0.020	22	<1	0.07	110	0.001	<20	0.32	0.030	0.23	0.7	0.01	0.6	<0.1	0.53	1	<0.5	<0.2	
611801	Drill Core	0.013	22	<1	0.05	133	0.001	<20	0.37	0.042	0.25	0.3	<0.01	0.5	<0.1	0.46	1	<0.5	<0.2	
611802	Drill Core	0.028	14	<1	0.07	104	0.001	<20	0.31	0.039	0.22	>100	<0.01	0.4	<0.1	0.85	<1	1.2	<0.2	
611803	Drill Core	0.016	21	<1	0.08	196	0.001	<20	0.42	0.032	0.33	0.3	<0.01	0.4	<0.1	0.41	1	<0.5	<0.2	
611804	Rock	0.071	10	6	0.58	215	0.122	<20	1.10	0.102	0.49	0.5	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2	
611805	Drill Core	0.013	17	<1	0.17	309	<0.001	<20	0.39	0.028	0.26	0.5	<0.01	0.4	0.1	0.74	1	<0.5	<0.2	
611806	Drill Core	0.016	12	<1	0.27	113	<0.001	<20	0.26	0.031	0.16	22.0	<0.01	0.7	<0.1	0.71	<1	<0.5	<0.2	
611807	Drill Core	0.013	19	<1	0.17	108	<0.001	<20	0.27	0.056	0.15	0.4	<0.01	0.6	<0.1	0.52	<1	<0.5	<0.2	
611808	Drill Core	0.017	21	1	0.17	96	<0.001	<20	0.25	0.052	0.14	0.7	<0.01	0.8	<0.1	0.65	1	<0.5	<0.2	
611809	Drill Core	0.018	22	1	0.13	163	0.001	<20	0.30	0.055	0.20	0.4	<0.01	0.6	<0.1	0.58	1	<0.5	<0.2	
611810	Drill Core	0.018	23	<1	0.16	157	<0.001	<20	0.33	0.048	0.23	0.4	<0.01	0.6	<0.1	0.40	1	<0.5	<0.2	



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611811	Drill Core	2.61	212	0.3	7.1	9.4	5	0.2	0.7	1.2	219	0.72	2347	233.3	15.9	24	<0.1	0.5	0.2	<2
611812	Drill Core	3.27	403	<0.1	6.0	4.3	5	0.5	0.3	0.9	305	0.67	1248	1584	16.5	39	<0.1	0.2	<0.1	<2
611813	Drill Core	2.57	182	0.4	6.7	44.5	132	0.3	0.9	1.7	288	0.94	3274	382.5	12.8	36	1.5	0.9	0.3	<2
611814	Drill Core	2.91	327	0.2	7.1	11.3	15	0.2	0.5	0.8	250	0.76	1736	115.2	15.0	32	0.2	0.3	0.1	<2
611815	Drill Core	2.46	138	<0.1	6.8	13.6	20	0.1	0.7	1.0	256	0.75	2135	66.3	14.8	31	0.2	0.2	<0.1	<2
611816	Drill Core	5.12	364	0.3	5.8	21.8	25	0.2	0.8	1.2	292	0.74	1725	85.2	14.8	33	0.2	0.7	0.1	<2
611817	Drill Core	5.13	89	0.5	8.6	9.5	20	0.1	0.6	1.3	373	0.91	2101	37.7	15.3	41	0.2	0.7	0.1	<2
611818	Drill Core	5.19	5	2.9	2.8	14.5	7	0.2	0.4	2.1	321	1.02	13.9	5.0	13.7	37	<0.1	0.2	0.2	<2
611819	Drill Core	4.65	27	<0.1	4.2	27.7	13	0.3	0.5	1.3	297	0.87	458.9	18.4	14.3	36	0.2	0.3	0.4	<2
611820	Drill Core	3.88	6	<0.1	7.8	20.4	23	0.3	0.4	1.4	358	0.81	466.3	8.4	14.4	39	0.3	0.2	0.2	<2
611821	Drill Core	3.92	115	0.7	5.1	116.9	72	0.9	0.7	2.3	370	0.99	471.6	37.5	12.2	64	0.8	0.2	0.7	<2
611822	Drill Core	5.38	18	0.2	5.9	13.6	11	0.2	0.6	1.8	466	0.90	846.6	9.5	15.1	54	<0.1	0.3	0.2	<2
611823	Drill Core	4.50	<2	0.1	8.5	6.9	6	0.1	0.2	1.4	752	0.84	12.3	<0.5	12.4	59	<0.1	0.2	0.2	<2
611824	Drill Core	5.26	14	0.9	7.6	7.7	5	0.2	0.5	1.7	338	0.99	252.4	26.4	13.7	34	<0.1	0.2	0.2	<2
611825	Drill Core	3.19	82	<0.1	11.8	7.2	3	0.2	0.2	0.7	521	1.28	2397	65.8	19.0	42	<0.1	0.4	0.2	<2
611826	Drill Core	4.94	163	0.7	13.7	37.6	32	0.6	1.1	2.8	631	1.76	3276	736.3	13.8	70	0.2	0.4	0.7	4
611827	Drill Core	4.73	735	0.7	50.9	78.9	69	2.2	2.2	6.7	977	2.33	2644	537.2	10.5	110	0.5	0.7	0.7	7
611828	Drill Core	5.08	222	1.5	24.9	53.3	458	0.8	0.4	3.3	920	2.31	6624	179.2	13.6	98	4.3	0.7	0.8	3
611829	Rock Pulp	0.08	2493	21.5	14.0	15.9	36	0.4	18.8	2.5	16	0.85	110.0	3260	3.7	95	0.2	27.8	<0.1	58
611830	Drill Core	4.65	53	0.4	22.7	29.6	50	0.5	0.3	2.7	916	1.73	965.1	60.8	12.6	82	0.4	0.2	0.6	3
611831	Drill Core	4.91	10	0.3	18.3	31.2	34	0.6	1.9	4.6	955	1.86	58.0	12.9	11.2	16	<0.1	0.2	0.7	6
611832	Drill Core	5.14	19	0.2	13.1	11.4	29	0.3	1.4	3.0	197	1.36	171.3	21.1	8.5	11	0.1	0.4	0.2	4
611833	Drill Core	5.66	24	0.3	18.7	14.1	16	0.3	0.7	2.5	420	1.59	455.3	28.4	12.6	10	0.1	0.4	0.2	<2
611834	Drill Core	3.15	495	0.3	49.6	94.6	87	1.7	0.8	3.0	794	3.33	4381	440.0	13.8	22	0.9	1.0	2.2	4
611835	Drill Core	2.57	14	0.2	13.0	19.2	5	0.4	0.7	1.1	596	0.95	147.2	17.3	14.8	14	<0.1	0.5	0.4	<2
611836	Drill Core	5.52	32	0.4	9.3	21.3	11	0.4	0.6	0.9	511	0.87	479.3	29.3	13.9	38	<0.1	0.2	0.5	<2
611837	Drill Core	4.46	420	0.3	11.6	79.0	20	1.5	0.5	1.5	595	1.38	1141	725.7	12.9	54	<0.1	0.5	2.0	<2
611838	Drill Core	3.94	2998	0.7	18.7	48.0	69	1.6	0.7	2.7	731	1.84	3099	3041	13.3	47	0.5	0.6	1.0	2
611839	Rock	3.19	<2	<0.1	1.7	3.0	46	<0.1	3.7	4.6	574	1.98	0.7	<0.5	4.7	69	<0.1	<0.1	<0.1	38
611840	Drill Core	5.58	469	0.3	6.7	35.2	18	0.9	<0.1	1.2	401	1.54	6388	1290	13.9	54	0.1	0.7	0.6	<2



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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te	Au
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
611811	Drill Core	0.018	19	<1	0.06	129	<0.001	<20	0.26	0.056	0.17	0.4	<0.01	0.5	<0.1	0.48	<1	<0.5	<0.2	
611812	Drill Core	0.016	22	<1	0.10	215	<0.001	<20	0.30	0.047	0.20	0.4	<0.01	0.6	<0.1	0.44	1	<0.5	<0.2	
611813	Drill Core	0.018	18	<1	0.18	77	<0.001	<20	0.24	0.081	0.09	0.3	<0.01	0.6	<0.1	0.49	<1	0.8	<0.2	
611814	Drill Core	0.016	21	<1	0.14	154	<0.001	<20	0.27	0.057	0.17	0.4	<0.01	0.5	<0.1	0.41	1	0.5	<0.2	
611815	Drill Core	0.018	22	<1	0.16	153	<0.001	<20	0.28	0.066	0.17	0.4	<0.01	0.5	<0.1	0.33	<1	<0.5	<0.2	
611816	Drill Core	0.021	22	<1	0.14	114	0.001	<20	0.25	0.092	0.10	0.4	<0.01	0.6	<0.1	0.36	<1	<0.5	<0.2	
611817	Drill Core	0.016	23	<1	0.17	238	0.002	<20	0.30	0.048	0.23	0.6	0.02	0.6	0.1	0.51	1	<0.5	<0.2	
611818	Drill Core	0.015	17	<1	0.10	179	0.001	<20	0.36	0.010	0.31	0.3	<0.01	0.4	<0.1	0.93	1	<0.5	<0.2	
611819	Drill Core	0.027	19	<1	0.16	194	0.001	<20	0.41	0.033	0.30	0.8	<0.01	0.5	<0.1	0.50	1	0.5	<0.2	
611820	Drill Core	0.024	20	<1	0.16	180	0.001	<20	0.34	0.038	0.25	>100	0.03	0.6	<0.1	0.48	1	<0.5	<0.2	
611821	Drill Core	0.086	25	1	0.23	291	0.003	<20	0.58	0.038	0.39	2.9	0.01	0.8	0.1	0.38	2	<0.5	<0.2	
611822	Drill Core	0.044	27	<1	0.20	277	0.002	<20	0.46	0.054	0.35	1.1	0.02	0.9	0.2	0.40	2	<0.5	<0.2	
611823	Drill Core	0.046	26	<1	0.20	263	0.003	<20	0.61	0.025	0.45	1.6	0.03	0.8	0.2	0.37	2	<0.5	<0.2	
611824	Drill Core	0.035	19	<1	0.13	212	0.002	<20	0.46	0.020	0.37	60.9	<0.01	0.4	0.1	0.56	1	<0.5	<0.2	
611825	Drill Core	0.029	23	<1	0.10	110	<0.001	<20	0.34	0.032	0.24	1.1	<0.01	0.6	<0.1	0.84	1	<0.5	<0.2	
611826	Drill Core	0.041	22	<1	0.41	201	0.001	<20	0.44	0.027	0.30	>100	<0.01	1.1	0.1	0.80	1	0.8	<0.2	
611827	Drill Core	0.041	11	1	0.48	174	0.001	<20	0.39	0.025	0.25	0.8	0.09	2.0	0.3	1.06	2	0.8	0.2	
611828	Drill Core	0.090	16	<1	0.58	186	0.002	<20	0.61	0.026	0.34	0.8	0.02	1.5	0.1	1.36	2	1.8	0.3	
611829	Rock Pulp	0.022	15	24	0.04	2491	<0.001	<20	0.31	0.005	0.10	6.1	1.83	1.3	2.5	0.10	1	0.6	<0.2	
611830	Drill Core	0.054	20	<1	0.50	178	<0.001	<20	0.53	0.020	0.27	0.6	0.02	1.1	<0.1	0.79	1	<0.5	<0.2	
611831	Drill Core	0.051	21	1	0.20	298	0.001	<20	0.62	0.006	0.24	0.5	0.05	1.7	0.1	0.69	2	1.5	<0.2	
611832	Drill Core	0.026	20	1	0.05	205	<0.001	<20	0.44	0.004	0.18	0.4	0.04	1.4	0.1	0.61	1	0.7	<0.2	
611833	Drill Core	0.032	23	<1	0.09	127	0.001	<20	0.58	0.005	0.22	0.5	0.05	1.1	<0.1	1.01	2	1.0	<0.2	
611834	Drill Core	0.082	22	1	0.17	116	0.002	<20	0.62	0.005	0.23	1.1	0.05	1.4	<0.1	1.98	2	2.6	0.4	
611835	Drill Core	0.019	25	1	0.18	113	0.001	<20	0.54	0.006	0.24	0.4	0.05	0.7	<0.1	0.55	1	0.5	<0.2	
611836	Drill Core	0.020	19	1	0.22	86	<0.001	<20	0.39	0.026	0.18	20.9	0.02	0.7	<0.1	0.38	1	1.1	<0.2	
611837	Drill Core	0.042	11	<1	0.41	145	<0.001	<20	0.49	0.014	0.19	0.6	0.04	0.8	<0.1	0.95	1	1.3	<0.2	
611838	Drill Core	0.079	13	<1	0.46	110	0.001	<20	0.48	0.026	0.25	0.8	<0.01	1.4	<0.1	1.22	2	0.7	<0.2	
611839	Rock	0.071	10	7	0.62	223	0.130	<20	1.12	0.102	0.52	<0.1	<0.01	1.9	0.3	<0.05	5	0.5	<0.2	
611840	Drill Core	0.062	10	<1	0.26	86	<0.001	<20	0.40	0.026	0.23	0.3	0.01	0.7	<0.1	1.22	1	1.7	<0.2	



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CERTIFICATE OF ANALYSIS

WHI11001695.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611841	Drill Core	5.49	1951	0.7	10.0	20.6	7	0.8	0.3	1.3	350	1.28	2739	1331	16.3	37	<0.1	0.6	0.4	<2
611842	Drill Core	2.58	>10000	0.3	22.8	76.4	42	4.5	0.4	3.4	528	3.24	8834	14292	14.5	58	0.3	1.8	1.1	3



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CERTIFICATE OF ANALYSIS

WHI11001695.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
611841	Drill Core	0.032	15	<1	0.16	99	<0.001	<20	0.33	0.039	0.22	0.4	<0.01	0.7	<0.1	1.08	1	0.6	<0.2	
611842	Drill Core	0.077	15	1	0.26	145	0.002	<20	0.57	0.014	0.44	0.5	<0.01	0.8	0.1	2.83	2	3.1	<0.2	18.1



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
613201	Drill Core	4.93	136	<0.1	2.3	54.4	129	0.2	0.3	<0.1	49	0.33	815.2	54.3	14.2	18	1.0	0.2	0.2	<2	0.20
REP 613201	QC			<0.1	2.3	53.9	130	0.2	0.3	<0.1	49	0.32	809.0	45.1	14.4	19	1.1	0.2	0.2	<2	0.21
613225	Drill Core	4.21	6	<0.1	4.0	10.4	59	<0.1	<0.1	0.3	265	0.88	26.1	0.6	18.1	219	<0.1	<0.1	0.1	<2	1.47
REP 613225	QC		5																		
613247	Drill Core	4.77	2	2.3	1.6	15.1	56	<0.1	0.5	0.5	269	0.99	4.5	1.7	19.0	302	0.1	<0.1	0.3	<2	1.99
REP 613247	QC		5																		
613251	Drill Core	4.61	<2	<0.1	0.7	10.4	55	<0.1	0.4	0.5	276	1.09	0.6	<0.5	18.2	183	<0.1	<0.1	0.2	<2	1.66
REP 613251	QC			<0.1	1.1	10.5	55	<0.1	0.5	0.4	274	1.08	<0.5	<0.5	17.3	178	<0.1	<0.1	0.1	<2	1.65
611819	Drill Core	4.65	27	<0.1	4.2	27.7	13	0.3	0.5	1.3	297	0.87	458.9	18.4	14.3	36	0.2	0.3	0.4	<2	0.66
REP 611819	QC		31																		
REP 611821	QC			0.4	5.1	117.7	71	0.9	0.7	2.4	375	1.02	489.9	45.4	12.1	64	0.8	0.1	0.8	<2	0.82
611825	Drill Core	3.19	82	<0.1	11.8	7.2	3	0.2	0.2	0.7	521	1.28	2397	65.8	19.0	42	<0.1	0.4	0.2	<2	1.62
REP 611825	QC			<0.1	12.8	8.0	3	0.3	0.2	0.7	540	1.31	2368	333.6	21.8	44	<0.1	0.4	0.2	<2	1.69
Core Reject Duplicates																					
613230	Drill Core	5.23	7	3.5	1.9	50.0	56	0.3	<0.1	0.3	271	0.77	1.2	3.1	15.1	175	0.3	<0.1	0.3	<2	1.73
DUP 613230	QC		<2	5.0	2.3	46.4	60	0.2	<0.1	0.3	265	0.78	1.4	0.6	15.4	169	0.3	0.1	0.3	<2	1.71
611786	Drill Core	4.39	28	<0.1	44.1	3.4	7	0.2	0.3	1.3	121	0.76	315.8	49.1	15.8	19	<0.1	0.2	0.2	<2	0.08
DUP 611786	QC		25	0.1	44.1	3.9	9	0.1	0.3	1.6	134	0.81	269.0	18.9	16.8	20	<0.1	0.2	0.2	<2	0.09
611821	Drill Core	3.92	115	0.7	5.1	116.9	72	0.9	0.7	2.3	370	0.99	471.6	37.5	12.2	64	0.8	0.2	0.7	<2	0.82
DUP 611821	QC		23	0.3	5.1	102.4	60	0.7	0.4	2.2	366	0.92	483.4	9.4	11.7	62	0.7	0.1	0.7	<2	0.81
Reference Materials																					
STD DS8	Standard			13.9	109.9	117.6	309	1.9	38.0	7.4	588	2.42	22.2	92.2	6.1	70	2.5	2.5	6.5	39	0.73
STD DS8	Standard			13.8	108.9	128.0	316	1.8	39.5	7.3	605	2.55	23.5	96.9	7.0	72	2.2	2.9	7.1	43	0.74
STD DS8	Standard			13.3	105.4	128.2	303	1.6	36.0	7.4	610	2.49	23.3	113.9	6.9	71	2.2	3.3	6.8	40	0.68
STD DS8	Standard			13.4	110.0	130.9	322	2.1	37.1	7.2	614	2.47	24.9	105.4	6.8	66	2.3	4.5	6.7	42	0.71
STD OREAS45CA	Standard			0.4	495.7	19.3	62	0.3	247.8	87.0	861	14.20	2.6	42.3	6.4	15	<0.1	<0.1	0.2	182	0.41
STD OREAS45CA	Standard			0.8	528.6	21.1	65	0.3	265.8	90.1	942	16.16	4.2	46.8	7.5	16	<0.1	0.1	0.2	216	0.44
STD OREAS45CA	Standard			0.6	515.0	19.9	59	0.3	263.4	91.3	886	15.17	3.7	47.1	6.5	16	0.1	<0.1	0.1	221	0.43



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QUALITY CONTROL REPORT

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	G6Gr
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Au
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	gm/t
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
Pulp Duplicates																				
613201	Drill Core	0.004	36	<1	0.02	155	<0.001	<20	0.24	0.037	0.24	0.1	<0.01	0.5	<0.1	0.15	<1	<0.5	<0.2	
REP 613201	QC	0.005	36	<1	0.02	160	<0.001	<20	0.25	0.038	0.24	0.1	<0.01	0.6	<0.1	0.15	<1	<0.5	<0.2	
613225	Drill Core	0.003	48	<1	0.75	365	<0.001	<20	0.31	0.014	0.16	<0.1	<0.01	1.7	0.1	<0.05	1	<0.5	<0.2	
REP 613225	QC																			
613247	Drill Core	0.004	46	<1	0.89	345	<0.001	<20	0.38	0.017	0.19	<0.1	0.02	1.9	<0.1	0.10	1	<0.5	<0.2	
REP 613247	QC																			
613251	Drill Core	0.003	47	<1	0.83	274	<0.001	<20	0.37	0.016	0.17	<0.1	<0.01	1.6	<0.1	<0.05	1	<0.5	<0.2	
REP 613251	QC	0.003	45	<1	0.82	253	<0.001	<20	0.34	0.016	0.16	<0.1	<0.01	1.5	<0.1	<0.05	<1	<0.5	<0.2	
611819	Drill Core	0.027	19	<1	0.16	194	0.001	<20	0.41	0.033	0.30	0.8	<0.01	0.5	<0.1	0.50	1	0.5	<0.2	
REP 611819	QC																			
REP 611821	QC	0.087	25	1	0.23	298	0.002	<20	0.60	0.040	0.40	3.1	0.01	1.0	0.1	0.38	2	<0.5	<0.2	
611825	Drill Core	0.029	23	<1	0.10	110	<0.001	<20	0.34	0.032	0.24	1.1	<0.01	0.6	<0.1	0.84	1	<0.5	<0.2	
REP 611825	QC	0.032	25	<1	0.10	118	0.001	<20	0.35	0.033	0.25	1.2	<0.01	0.6	<0.1	0.88	1	1.0	<0.2	
Core Reject Duplicates																				
613230	Drill Core	0.003	29	<1	0.72	253	<0.001	<20	0.31	0.010	0.22	0.1	<0.01	1.0	<0.1	0.09	<1	<0.5	<0.2	
DUP 613230	QC	0.003	30	<1	0.73	254	<0.001	<20	0.32	0.009	0.22	0.1	<0.01	1.0	<0.1	0.07	<1	<0.5	<0.2	
611786	Drill Core	0.011	25	<1	0.05	55	<0.001	<20	0.41	0.029	0.17	0.2	0.01	0.5	<0.1	0.10	<1	<0.5	<0.2	
DUP 611786	QC	0.012	27	<1	0.05	60	<0.001	<20	0.46	0.032	0.18	0.3	0.02	0.5	<0.1	0.09	<1	<0.5	<0.2	
611821	Drill Core	0.086	25	1	0.23	291	0.003	<20	0.58	0.038	0.39	2.9	0.01	0.8	0.1	0.38	2	<0.5	<0.2	
DUP 611821	QC	0.078	25	<1	0.23	274	0.002	<20	0.48	0.035	0.37	3.3	<0.01	0.9	0.1	0.35	2	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.073	14	110	0.61	289	0.105	<20	0.98	0.107	0.43	1.9	0.19	2.1	5.0	0.16	4	5.6	4.6	
STD DS8	Standard	0.077	16	115	0.64	299	0.104	<20	0.98	0.106	0.44	2.0	0.17	2.1	5.3	0.17	5	5.4	5.5	
STD DS8	Standard	0.076	15	111	0.62	299	0.108	<20	0.96	0.109	0.43	2.1	0.20	2.1	5.5	0.15	5	4.1	5.4	
STD DS8	Standard	0.081	16	115	0.62	291	0.115	<20	0.94	0.089	0.42	3.0	0.20	2.0	5.8	0.16	5	5.3	5.1	
STD OREAS45CA	Standard	0.039	15	608	0.16	152	0.093	<20	3.64	0.006	0.07	<0.1	0.03	36.7	<0.1	<0.05	17	1.3	<0.2	
STD OREAS45CA	Standard	0.038	17	745	0.16	163	0.137	<20	3.93	0.008	0.08	<0.1	0.03	41.0	<0.1	<0.05	20	0.9	<0.2	
STD OREAS45CA	Standard	0.035	16	668	0.16	160	0.112	<20	4.01	0.007	0.07	<0.1	0.03	38.0	<0.1	<0.05	18	1.2	<0.2	



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QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OREAS45CA	Standard			0.9	517.2	22.9	63	0.3	260.5	89.2	962	15.13	3.8	81.5	7.4	14	0.1	0.1	0.2	217	0.43
STD OXC88	Standard		196																		
STD OXC88	Standard		192																		
STD OXC88	Standard		191																		
STD OXC88	Standard		204																		
STD OXC88	Standard		197																		
STD OXC88	Standard		196																		
STD OXC88	Standard		209																		
STD OXC88	Standard		187																		
STD OXC88	Standard		207																		
STD OXH82	Standard		1347																		
STD OXH82	Standard		1306																		
STD OXH82	Standard		1249																		
STD OXH82	Standard		1319																		
STD OXH82	Standard		1288																		
STD OXH82	Standard		1285																		
STD OXH82	Standard		1283																		
STD OXH82	Standard		1344																		
STD OXH82	Standard		1264																		
STD OXH82	Standard		1361																		
STD SP49	Standard																				
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD SP49 Expected																					
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01



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Project:

Sixty Mile

Report Date:

November 21, 2011

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Part 2

QUALITY CONTROL REPORT

WHI11001695.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	G6Gr Au gm/t
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.9
STD OREAS45CA	Standard	0.042	18	733	0.16	163	0.150	<20	3.83	0.007	0.07	<0.1	0.04	36.8	0.2	<0.05	19	<0.5	<0.2	
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
STD OXC88	Standard																			
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STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD SP49	Standard																			18.3
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
STD SP49 Expected																				18.34
STD OXC88 Expected																				
STD OXH82 Expected																				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	



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Part 1

QUALITY CONTROL REPORT

WHI11001695.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
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BLK	Blank		<2																		
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BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank		<2	0.1	2.6	2.9	46	<0.1	3.0	3.5	529	1.83	0.5	<0.5	5.5	63	<0.1	<0.1	<0.1	36	0.47
G1	Prep Blank		<2	0.1	2.3	2.9	45	<0.1	2.7	3.8	527	1.88	<0.5	<0.5	5.5	68	<0.1	<0.1	<0.1	36	0.47

QUALITY CONTROL REPORT

WHI11001695.1

		1DX P % 0.001	1DX La ppm 1	1DX Cr ppm 1	1DX Mg % 0.01	1DX Ba ppm 1	1DX Ti % 0.001	1DX B ppm 20	1DX Al % 0.01	1DX Na % 0.001	1DX K % 0.01	1DX W ppm 0.1	1DX Hg ppm 0.01	1DX Sc ppm 0.1	1DX Tl ppm 0.1	1DX S % 0.05	1DX Ga ppm 1	1DX Se ppm 0.5	1DX Te ppm 0.2	G6Gr Au gm/t 0.9
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
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BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.080	13	4	0.51	148	0.121	<20	0.87	0.083	0.46	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	
G1	Prep Blank	0.080	14	4	0.50	154	0.123	<20	0.87	0.086	0.47	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5	<0.2	



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Radius Gold Inc.

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Submitted By: Roger Hulstein

Receiving Lab: Canada-Whitehorse

Received: September 17, 2011

Report Date: November 14, 2011

Page: 1 of 8

CERTIFICATE OF ANALYSIS

WHI11001696.1

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-24
P.O. Number
Number of Samples: 200

SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage
STOR-RJT Store After 90 days Invoice for Storage

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: David Clark
Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	194	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	200	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	200	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Vancouver BC V6C 2G8 Canada

Project: Sixty Mile
Report Date: November 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11001696.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611843	Drill Core	4.86	391	2.4	6.5	18.9	23	0.4	0.6	2.4	738	1.21	3052	212.0	13.6	70	0.2	1.2	0.3	<2
611844	Drill Core	5.32	432	0.5	9.0	24.3	10	0.5	0.6	2.6	460	1.33	2891	242.8	15.3	53	<0.1	1.1	0.5	<2
611845	Drill Core	5.16	2210	0.4	12.7	35.7	15	1.0	0.5	4.0	475	1.40	1384	1588	13.4	50	0.1	1.2	0.6	<2
611846	Drill Core	5.30	727	0.8	16.2	22.5	9	0.5	0.6	2.9	484	1.39	684.8	357.0	13.2	42	<0.1	0.9	0.4	<2
611847	Drill Core	5.43	1023	0.8	15.2	22.0	7	0.6	0.5	1.2	159	0.93	1020	814.6	13.2	35	<0.1	0.9	0.3	<2
611848	Drill Core	5.35	2417	1.0	14.5	25.9	25	1.4	0.6	2.2	288	1.21	2235	3452	13.7	34	0.2	1.1	0.3	<2
611849	Drill Core	2.92	1116	0.8	16.9	23.1	15	0.7	0.7	1.9	302	1.28	1470	887.1	14.4	31	0.1	1.0	0.2	<2
611850	Drill Core	2.84	1565	0.6	15.2	37.7	29	0.9	0.7	2.3	294	1.43	1817	1672	14.2	29	0.2	1.2	0.3	<2
611851	Drill Core	2.09	358	0.6	20.0	304.6	549	1.6	0.7	2.8	1212	3.27	>10000	650.0	11.0	82	6.1	3.6	1.6	3
611852	Drill Core	3.43	110	1.3	13.0	78.7	82	0.6	0.8	2.8	1012	2.38	>10000	129.1	14.2	82	0.8	3.4	0.4	<2
611853	Drill Core	4.86	195	0.6	17.2	69.1	71	0.9	0.8	2.7	1218	2.73	>10000	299.5	12.2	92	0.7	2.7	1.1	<2
611854	Drill Core	6.06	7170	0.2	18.2	25.3	17	2.4	0.3	2.2	358	1.65	4922	6820	15.8	32	0.2	1.6	0.5	<2
611855	Drill Core	4.79	347	0.4	9.2	45.5	24	0.5	0.8	2.9	793	1.32	3291	193.6	11.3	28	0.2	0.7	0.3	<2
611856	Drill Core	5.05	89	1.4	12.7	31.1	10	0.9	0.9	2.4	326	0.85	233.7	78.8	11.5	15	<0.1	2.0	1.0	<2
611857	Drill Core	3.72	4476	1.0	19.4	26.8	23	3.8	0.5	4.0	138	1.68	2238	4712	13.4	21	0.2	3.3	0.8	<2
611858	Drill Core	2.92	108	1.2	24.0	12.8	13	3.5	0.6	2.2	23	1.27	971.3	93.9	10.5	15	0.1	2.5	0.3	<2
611859	Drill Core	4.29	327	1.1	15.0	59.5	48	0.8	1.1	2.7	63	1.39	1999	129.8	11.5	40	0.6	2.3	0.7	<2
611860	Drill Core	4.14	268	1.4	14.4	20.4	33	0.4	1.0	3.0	328	1.46	4548	164.1	14.3	16	0.4	1.1	0.2	<2
611861	Drill Core	4.65	449	1.4	16.1	16.0	22	0.4	1.0	3.7	569	1.79	3588	482.8	13.5	36	0.2	0.8	0.1	<2
611862	Drill Core	4.07	643	0.6	12.3	11.8	21	0.5	1.5	3.9	525	1.71	3224	803.7	14.0	35	0.1	0.6	0.2	2
611863	Drill Core	3.53	459	0.7	5.8	7.7	11	0.3	1.0	2.8	422	1.36	4142	498.4	15.6	49	<0.1	1.0	0.1	<2
611864	Rock Pulp	0.08	2330	23.4	16.3	14.1	39	0.3	20.4	2.8	17	0.88	118.1	1985	3.9	91	0.2	81.8	0.1	60
611865	Drill Core	4.86	249	0.3	6.5	5.5	12	0.1	0.9	1.6	443	0.88	1975	88.2	15.0	41	<0.1	0.6	<0.1	<2
611866	Drill Core	4.50	203	0.8	7.7	16.2	13	0.2	0.7	1.5	338	0.92	1401	67.6	15.4	31	0.1	0.7	0.1	<2
611867	Drill Core	3.39	23	0.4	12.9	16.7	14	0.2	0.7	2.0	420	1.17	564.2	21.3	12.9	24	<0.1	0.7	<0.1	<2
611868	Drill Core	4.40	202	1.2	7.3	8.3	13	0.1	0.7	1.3	383	0.93	1419	89.6	15.0	22	0.1	0.5	0.1	<2
611869	Drill Core	4.12	331	2.0	8.4	10.1	13	0.5	0.7	1.9	179	0.80	469.7	858.8	16.5	12	0.2	0.7	0.2	<2
611870	Drill Core	4.82	95	1.0	8.7	10.6	14	0.2	1.2	2.4	256	0.84	184.1	59.9	15.3	10	0.2	0.7	0.1	<2
611871	Drill Core	3.29	186	0.2	7.7	26.7	34	0.3	1.0	3.5	491	1.17	565.6	74.4	12.9	23	0.5	0.6	0.2	<2
611872	Drill Core	3.03	70	<0.1	15.3	69.0	62	0.5	1.8	6.3	870	1.98	1950	51.1	12.5	28	0.6	2.2	0.2	<2



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November 14, 2011

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Part 2

CERTIFICATE OF ANALYSIS

WHI11001696.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611843	Drill Core	0.059	13	<1	0.41	123	0.001	<20	0.36	0.028	0.25	0.6	<0.01	1.1	0.2	0.75	1	<0.5
611844	Drill Core	0.049	15	4	0.23	165	0.001	<20	0.37	0.023	0.28	0.5	<0.01	0.6	0.1	1.05	1	0.7
611845	Drill Core	0.075	17	<1	0.27	403	0.002	<20	0.46	0.012	0.39	68.1	0.04	0.7	0.3	0.85	1	<0.5
611846	Drill Core	0.043	16	2	0.27	226	0.001	<20	0.42	0.010	0.35	0.7	0.02	0.6	0.1	1.01	1	<0.5
611847	Drill Core	0.021	14	1	0.11	167	<0.001	<20	0.38	0.012	0.27	0.5	<0.01	0.4	<0.1	0.82	<1	<0.5
611848	Drill Core	0.028	13	4	0.16	267	0.001	<20	0.33	0.017	0.26	0.5	0.01	0.5	<0.1	0.99	<1	<0.5
611849	Drill Core	0.031	17	<1	0.17	227	0.001	<20	0.37	0.022	0.30	0.4	<0.01	0.5	0.1	1.04	1	<0.5
611850	Drill Core	0.031	15	3	0.17	181	0.001	<20	0.33	0.021	0.27	0.4	<0.01	0.6	<0.1	1.19	<1	<0.5
611851	Drill Core	0.049	9	<1	0.65	127	<0.001	<20	0.35	0.026	0.17	0.9	0.04	2.8	<0.1	2.23	1	3.8
611852	Drill Core	0.055	14	4	0.60	45	<0.001	<20	0.25	0.051	0.05	0.7	0.02	1.7	<0.1	1.27	<1	2.0
611853	Drill Core	0.059	11	<1	1.12	76	<0.001	<20	0.42	0.007	0.08	1.4	0.02	1.9	<0.1	1.45	<1	1.7
611854	Drill Core	0.174	19	1	0.19	151	0.002	<20	0.63	0.005	0.28	0.9	0.04	1.1	0.2	1.25	2	1.3
611855	Drill Core	0.044	9	<1	0.42	140	<0.001	<20	0.45	0.004	0.20	1.1	<0.01	0.9	<0.1	0.45	<1	<0.5
611856	Drill Core	0.023	18	2	0.19	207	0.001	<20	0.42	0.004	0.28	0.6	0.04	0.4	0.1	0.56	<1	<0.5
611857	Drill Core	0.060	15	<1	0.16	188	0.001	<20	0.45	0.004	0.33	0.6	0.02	0.8	0.2	1.58	1	1.2
611858	Drill Core	0.018	16	3	0.04	119	<0.001	<20	0.35	0.003	0.27	0.7	<0.01	0.3	0.1	1.29	<1	0.8
611859	Drill Core	0.055	15	<1	0.05	171	0.001	<20	0.46	0.003	0.25	1.0	0.05	1.3	0.2	0.78	1	1.0
611860	Drill Core	0.050	20	2	0.07	203	0.002	<20	0.54	0.003	0.30	1.0	0.04	1.1	0.1	0.73	1	0.7
611861	Drill Core	0.043	16	<1	0.28	175	0.002	<20	0.36	0.019	0.26	0.9	0.05	0.9	0.2	1.02	1	0.5
611862	Drill Core	0.051	22	1	0.24	190	0.002	<20	0.48	0.019	0.33	0.9	0.05	1.2	0.3	0.78	2	<0.5
611863	Drill Core	0.028	13	3	0.29	248	0.001	<20	0.34	0.021	0.26	0.6	<0.01	0.6	<0.1	0.82	1	0.8
611864	Rock Pulp	0.024	15	27	0.04	3672	0.002	<20	0.26	0.005	0.09	10.5	1.81	1.3	2.0	0.11	1	<0.5
611865	Drill Core	0.030	22	1	0.17	225	0.002	<20	0.35	0.026	0.27	0.8	0.01	0.7	0.2	0.41	1	<0.5
611866	Drill Core	0.020	17	4	0.18	129	0.001	<20	0.26	0.030	0.20	2.1	0.01	0.6	<0.1	0.42	<1	<0.5
611867	Drill Core	0.014	11	2	0.17	117	<0.001	<20	0.28	0.011	0.19	1.5	0.03	0.4	<0.1	0.95	<1	<0.5
611868	Drill Core	0.017	14	3	0.21	138	<0.001	<20	0.34	0.018	0.22	0.8	0.01	0.6	<0.1	0.61	<1	<0.5
611869	Drill Core	0.030	16	<1	0.10	240	<0.001	<20	0.46	0.002	0.21	0.7	0.03	0.5	<0.1	0.62	<1	<0.5
611870	Drill Core	0.030	17	2	0.12	152	0.001	<20	0.45	0.003	0.20	0.4	0.04	0.5	<0.1	0.58	<1	<0.5
611871	Drill Core	0.062	14	<1	0.29	169	0.002	<20	0.49	0.004	0.25	0.3	0.04	0.8	<0.1	0.76	1	<0.5
611872	Drill Core	0.079	11	1	0.30	130	0.002	<20	0.45	0.004	0.20	1.3	0.15	1.0	0.3	1.41	1	<0.5



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Sixty Mile

Report Date:

November 14, 2011

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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611873	Drill Core	3.27	239	1.1	19.3	16.9	45	0.5	1.4	6.3	665	1.94	2869	168.3	10.2	21	0.5	3.1	0.2	<2
611874	Rock	2.85	<2	<0.1	2.4	3.0	44	<0.1	2.5	4.0	515	1.78	4.7	10.1	5.2	63	<0.1	<0.1	<0.1	33
611875	Drill Core	3.79	445	0.2	11.4	22.1	36	0.4	0.7	4.5	771	1.62	4701	376.6	9.5	25	0.5	1.9	0.3	<2
611876	Drill Core	3.76	554	0.3	11.6	4.7	16	0.3	1.0	2.7	561	1.35	3048	228.9	13.7	28	<0.1	1.0	0.1	<2
611877	Drill Core	4.80	363	0.3	26.8	7.9	32	1.5	0.3	3.6	990	2.12	2521	263.8	11.4	27	0.2	3.9	0.2	<2
611878	Drill Core	4.97	241	0.2	36.1	8.7	44	0.9	0.2	6.1	1350	2.68	1567	269.3	10.0	48	0.1	2.9	0.2	3
611879	Drill Core	5.11	164	0.2	26.4	6.1	17	3.8	0.8	2.4	215	1.21	1239	179.5	13.4	16	<0.1	1.8	0.1	<2
611880	Drill Core	1.30	97	0.6	5.3	129.4	98	0.8	0.9	1.8	766	1.66	4896	112.6	24.6	47	0.8	0.4	0.4	<2
611881	Drill Core	4.82	141	0.5	9.4	271.6	219	1.4	0.9	2.0	1660	2.96	>10000	146.5	16.6	67	2.0	2.0	0.5	<2
611882	Drill Core	4.48	18	0.5	9.6	15.2	12	0.2	0.6	2.4	569	1.19	384.0	23.9	14.4	44	<0.1	0.5	0.2	<2
611883	Drill Core	4.95	4	0.6	3.4	5.8	15	<0.1	0.7	1.2	403	0.79	164.9	7.5	11.1	32	<0.1	<0.1	0.2	<2
611884	Drill Core	2.99	186	0.3	12.3	9.7	11	0.3	1.1	2.9	560	1.61	5479	65.7	14.9	47	<0.1	0.7	0.2	<2
611885	Drill Core	2.49	264	0.3	12.2	8.7	9	0.2	1.2	1.9	468	1.37	4028	88.6	14.0	43	<0.1	0.9	0.2	<2
611886	Drill Core	3.86	148	0.2	8.8	4.6	9	0.1	0.7	2.0	387	1.23	2780	56.1	14.9	32	<0.1	0.5	<0.1	<2
611887	Drill Core	3.85	451	0.5	6.1	4.1	7	0.2	0.8	1.8	302	0.92	1528	392.8	15.8	27	<0.1	0.3	<0.1	<2
611888	Drill Core	3.36	61	0.4	6.5	15.8	23	0.2	1.1	2.1	456	1.47	4305	56.1	16.8	53	0.2	0.7	0.1	<2
611889	Drill Core	5.64	17	1.0	6.2	13.5	15	0.1	0.6	1.4	321	1.00	191.7	14.6	16.3	40	0.1	0.5	0.1	<2
611890	Drill Core	4.27	3	2.1	2.1	14.7	10	0.1	0.7	1.5	302	0.85	30.9	3.7	13.9	34	<0.1	<0.1	0.1	<2
611891	Drill Core	5.00	<2	1.7	3.4	50.5	12	0.4	0.5	1.8	244	0.73	66.5	8.8	14.5	43	<0.1	0.1	0.3	<2
611892	Drill Core	4.68	94	0.3	16.2	149.8	120	1.2	0.5	3.7	714	1.93	2552	41.6	9.4	116	1.4	0.5	0.4	2
611893	Drill Core	4.54	37	0.2	22.8	36.9	65	0.5	0.9	6.6	889	2.84	1038	40.9	12.0	69	0.5	0.9	0.4	5
611894	Drill Core	4.88	22	4.2	8.3	7.4	10	0.1	0.6	1.4	204	0.85	148.5	12.8	15.5	41	<0.1	0.3	<0.1	<2
611895	Drill Core	4.66	53	3.3	7.7	35.4	17	0.3	0.5	2.1	415	0.94	705.6	10.1	14.8	66	<0.1	0.1	0.2	<2
611896	Drill Core	5.06	78	<0.1	32.3	63.6	89	1.5	1.0	4.1	645	1.92	1849	66.1	11.0	69	1.0	0.4	0.4	3
611897	Drill Core	4.75	143	0.3	15.1	22.8	42	0.4	1.0	4.4	745	2.33	1553	109.4	11.6	61	0.4	0.2	0.4	3
611898	Drill Core	5.21	36	<0.1	4.9	5.3	27	0.1	0.3	4.4	803	1.84	258.2	55.5	9.8	78	<0.1	<0.1	0.3	2
611899	Rock Pulp	0.08	2277	21.2	14.8	17.1	40	0.3	19.8	2.6	18	0.87	110.8	3436	4.2	106	0.2	46.7	0.1	61
611900	Drill Core	4.99	10	1.0	6.3	20.9	17	0.2	0.3	3.4	488	1.41	235.3	8.4	10.5	66	0.2	0.4	0.3	<2
611901	Drill Core	5.47	26	0.7	5.1	6.0	7	<0.1	0.2	2.2	501	0.83	129.8	5.8	9.6	68	<0.1	0.1	0.2	<2
611902	Drill Core	5.18	15	0.7	6.5	7.3	21	0.1	0.4	3.5	741	1.71	381.6	18.2	12.3	89	<0.1	0.3	0.2	<2



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Part 2

CERTIFICATE OF ANALYSIS

WHI11001696.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611873	Drill Core	0.052	11	<1	0.29	194	0.001	<20	0.49	0.005	0.26	0.6	0.07	1.2	0.2	1.52	1	0.7
611874	Rock	0.075	11	9	0.48	158	0.131	<20	0.90	0.090	0.46	<0.1	<0.01	1.9	0.2	<0.05	4	<0.5
611875	Drill Core	0.050	9	2	0.31	161	0.001	<20	0.42	0.004	0.20	0.4	0.01	1.1	<0.1	0.96	<1	0.6
611876	Drill Core	0.052	16	3	0.32	203	0.002	<20	0.60	0.008	0.31	0.4	0.01	0.9	<0.1	0.80	1	0.6
611877	Drill Core	0.077	12	1	0.45	152	0.003	<20	0.49	0.007	0.30	0.4	<0.01	0.9	0.1	1.46	1	<0.5
611878	Drill Core	0.131	13	1	0.73	235	0.002	<20	0.65	0.008	0.34	0.6	0.02	1.8	0.2	1.92	2	0.9
611879	Drill Core	0.034	18	<1	0.12	135	<0.001	<20	0.45	0.006	0.28	0.4	<0.01	0.7	<0.1	1.05	1	<0.5
611880	Drill Core	0.032	7	2	0.52	127	<0.001	<20	0.74	0.007	0.05	0.2	0.02	1.0	<0.1	1.14	1	1.3
611881	Drill Core	0.030	11	1	0.87	32	<0.001	<20	0.37	0.047	0.05	0.7	0.01	3.0	<0.1	1.54	<1	3.8
611882	Drill Core	0.028	20	3	0.34	263	<0.001	<20	0.52	0.018	0.34	0.5	0.03	1.0	0.2	0.65	1	<0.5
611883	Drill Core	0.016	18	1	0.21	241	<0.001	<20	0.39	0.014	0.31	0.7	<0.01	1.2	<0.1	0.26	<1	<0.5
611884	Drill Core	0.029	18	3	0.35	218	<0.001	<20	0.46	0.031	0.27	0.6	<0.01	1.1	<0.1	0.95	1	0.9
611885	Drill Core	0.033	17	<1	0.29	200	<0.001	<20	0.40	0.025	0.25	0.5	<0.01	1.0	<0.1	0.84	1	1.0
611886	Drill Core	0.025	17	4	0.24	195	<0.001	<20	0.44	0.021	0.26	0.5	<0.01	0.7	<0.1	0.83	1	<0.5
611887	Drill Core	0.023	18	1	0.19	255	<0.001	<20	0.37	0.025	0.27	0.3	<0.01	0.5	<0.1	0.57	1	0.7
611888	Drill Core	0.018	13	6	0.29	100	<0.001	<20	0.26	0.051	0.15	0.4	<0.01	0.9	<0.1	0.93	<1	1.0
611889	Drill Core	0.029	17	1	0.21	140	<0.001	<20	0.35	0.038	0.26	0.5	0.02	0.7	<0.1	0.54	1	<0.5
611890	Drill Core	0.022	18	4	0.19	188	0.001	<20	0.36	0.022	0.27	0.4	<0.01	0.6	<0.1	0.53	1	<0.5
611891	Drill Core	0.043	19	1	0.19	224	0.002	<20	0.47	0.019	0.32	0.4	<0.01	0.5	<0.1	0.34	1	<0.5
611892	Drill Core	0.109	9	4	0.72	259	0.001	<20	0.56	0.009	0.25	0.8	<0.01	1.7	<0.1	1.02	1	0.7
611893	Drill Core	0.083	18	1	0.72	217	0.002	<20	0.59	0.029	0.34	0.9	0.08	2.7	0.2	1.27	2	<0.5
611894	Drill Core	0.041	22	3	0.19	172	0.001	<20	0.40	0.024	0.27	0.4	0.06	0.7	0.2	0.31	1	<0.5
611895	Drill Core	0.063	17	1	0.35	183	0.002	<20	0.49	0.022	0.31	0.3	<0.01	0.9	<0.1	0.30	2	<0.5
611896	Drill Core	0.078	15	5	0.48	195	0.002	<20	0.46	0.033	0.29	0.5	<0.01	1.6	<0.1	0.95	1	<0.5
611897	Drill Core	0.068	15	5	0.60	226	0.002	<20	0.47	0.036	0.29	0.6	<0.01	1.5	<0.1	0.95	2	<0.5
611898	Drill Core	0.088	18	<1	0.54	241	0.003	<20	0.47	0.022	0.32	0.4	<0.01	1.2	<0.1	0.37	1	<0.5
611899	Rock Pulp	0.026	16	28	0.05	2612	<0.001	<20	0.36	0.005	0.12	6.3	1.62	1.3	2.6	0.11	1	0.6
611900	Drill Core	0.049	15	3	0.39	318	0.002	<20	0.49	0.013	0.32	0.4	<0.01	0.8	<0.1	0.76	1	<0.5
611901	Drill Core	0.048	17	<1	0.22	304	0.002	<20	0.40	0.013	0.29	0.3	<0.01	0.8	<0.1	0.33	1	<0.5
611902	Drill Core	0.069	22	2	0.37	259	0.002	<20	0.49	0.019	0.31	0.4	<0.01	1.3	<0.1	0.45	1	<0.5



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Project: Sixty Mile
Report Date: November 14, 2011

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CERTIFICATE OF ANALYSIS

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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611903	Drill Core	4.35	61	0.1	3.8	9.5	12	<0.1	0.5	3.3	569	1.15	374.2	10.9	11.3	69	<0.1	0.4	0.2	<2
611904	Drill Core	5.01	38	5.0	6.3	31.5	28	0.3	0.4	3.1	722	1.86	639.7	27.2	13.6	89	0.2	0.4	0.3	3
611905	Drill Core	4.67	37	0.7	7.7	9.6	17	0.2	0.7	2.9	622	1.68	1450	80.8	14.4	81	<0.1	0.3	0.2	<2
611906	Drill Core	4.65	5	2.6	16.5	8.6	22	0.2	0.9	3.9	582	1.83	17.2	9.2	12.5	106	<0.1	0.6	0.1	<2
611907	Drill Core	5.14	63	1.0	20.3	9.0	32	0.2	0.2	4.5	811	2.42	112.6	39.7	14.1	131	0.1	0.3	0.1	3
611908	Drill Core	4.86	53	0.6	11.8	7.6	19	0.2	0.9	2.6	633	1.68	1083	87.1	14.5	102	<0.1	0.4	0.1	<2
611909	Rock	2.66	<2	<0.1	3.5	3.2	46	<0.1	3.6	4.2	564	2.09	0.9	<0.5	6.8	72	<0.1	<0.1	<0.1	36
611910	Drill Core	5.12	134	0.6	8.2	11.6	22	0.2	0.7	2.8	555	1.33	2286	43.7	13.4	79	0.2	0.5	0.1	<2
611911	Drill Core	4.94	24	0.3	7.5	6.0	13	0.2	0.7	2.2	509	1.41	86.9	23.5	13.0	75	<0.1	0.3	0.2	<2
611912	Drill Core	4.87	83	0.4	10.6	5.6	22	0.2	0.5	3.4	717	1.76	202.4	117.5	12.4	74	<0.1	0.3	0.1	3
611913	Drill Core	4.66	508	0.7	14.4	24.6	57	0.5	<0.1	6.1	1242	3.47	33.1	752.4	10.1	110	0.1	0.2	0.3	7
611914	Drill Core	4.76	17	0.8	12.2	6.8	50	0.1	0.2	5.8	951	3.06	10.0	34.1	11.9	106	<0.1	0.2	0.2	11
611915	Drill Core	4.76	<2	0.2	15.7	8.2	55	0.1	<0.1	6.9	1118	3.54	9.1	15.6	11.3	157	<0.1	0.2	0.2	16
611916	Drill Core	4.84	159	0.4	15.6	261.1	41	0.8	0.7	5.3	908	2.59	6.0	73.9	12.0	100	<0.1	0.3	0.4	4
611917	Drill Core	4.60	84	0.5	11.5	10.5	40	0.2	0.3	4.9	1056	2.82	1188	57.5	10.2	93	0.2	0.3	0.1	4
611918	Drill Core	4.70	181	0.6	11.1	7.6	71	0.2	<0.1	7.0	1277	3.60	31.8	84.2	9.4	112	0.3	0.2	0.2	9
611919	Drill Core	2.74	490	0.8	11.5	8.7	16	0.3	0.5	3.1	521	1.40	1880	478.1	13.7	76	<0.1	0.3	0.1	<2
611920	Drill Core	2.65	747	0.7	10.8	9.8	16	0.3	0.5	3.2	640	1.64	3486	562.3	13.1	100	<0.1	0.4	0.1	<2
611921	Drill Core	4.52	128	0.8	11.3	7.1	42	0.1	0.3	5.9	904	2.90	486.4	144.8	9.9	87	<0.1	0.2	0.2	8
611922	Drill Core	4.16	37	1.1	15.5	8.2	53	0.3	0.4	6.3	872	2.78	187.5	47.8	10.4	115	0.2	0.5	0.2	8
611923	Drill Core	3.40	7	0.2	23.1	6.7	44	0.2	0.6	4.2	571	1.54	19.2	13.8	13.0	85	0.2	0.4	0.1	<2
611924	Drill Core	3.22	<2	0.1	6.6	5.5	33	0.1	0.6	4.6	695	1.96	7.1	6.8	14.6	105	<0.1	0.2	<0.1	5
611925	Drill Core	3.20	38	0.3	7.8	11.5	26	0.1	1.0	1.6	518	1.04	942.5	111.6	14.4	98	0.1	0.2	0.1	<2
611926	Drill Core	2.96	3	0.4	5.2	3.6	19	<0.1	1.7	1.6	437	0.96	58.6	12.2	16.2	76	<0.1	0.2	<0.1	<2
611927	Drill Core	4.89	32	1.5	6.6	10.9	19	0.1	6.1	3.8	514	1.57	550.0	50.5	16.0	72	<0.1	0.3	<0.1	3
613255	Drill Core	4.79	48	5.1	213.2	1421	65	0.8	1.7	1.3	39	4.97	1025	27.6	2.7	129	<0.1	10.8	0.2	63
613256	Drill Core	3.87	65	3.0	118.6	108.4	39	0.5	1.8	0.9	32	4.01	837.3	25.2	1.6	83	<0.1	12.1	0.1	39
613257	Drill Core	4.65	57	3.7	109.3	91.5	33	0.5	2.0	1.4	33	4.84	882.2	18.0	1.5	41	<0.1	17.3	0.1	42
613258	Drill Core	3.92	16	0.6	17.7	15.4	15	0.3	0.8	0.5	27	1.04	238.0	8.0	0.2	30	<0.1	3.5	<0.1	13
613259	Rock Pulp	0.10	2532	24.9	15.9	18.3	42	0.4	21.4	2.7	16	0.91	121.1	2630	4.1	107	0.2	60.2	0.1	65



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
611903	Drill Core	0.054	19	<1	0.23	229	0.002	<20	0.40	0.012	0.26	0.4	<0.01	0.7	0.1	0.62	1	<0.5
611904	Drill Core	0.065	17	3	0.40	245	0.002	<20	0.49	0.027	0.32	0.5	0.02	1.2	0.2	0.73	1	<0.5
611905	Drill Core	0.053	19	1	0.27	209	0.002	<20	0.40	0.025	0.26	0.4	<0.01	0.9	<0.1	0.58	1	<0.5
611906	Drill Core	0.042	16	4	0.22	294	0.002	<20	0.45	0.023	0.30	0.3	<0.01	1.6	0.1	0.81	1	<0.5
611907	Drill Core	0.055	35	<1	0.27	486	0.003	<20	0.46	0.020	0.29	0.2	<0.01	3.0	<0.1	0.44	2	<0.5
611908	Drill Core	0.042	23	4	0.24	253	0.002	<20	0.41	0.032	0.28	0.4	<0.01	1.2	0.1	0.46	1	<0.5
611909	Rock	0.073	15	6	0.53	168	0.130	<20	0.96	0.077	0.48	2.2	<0.01	2.0	0.3	<0.05	5	<0.5
611910	Drill Core	0.047	17	4	0.28	207	0.002	<20	0.38	0.026	0.27	0.4	<0.01	0.9	0.1	0.57	<1	0.8
611911	Drill Core	0.032	18	1	0.42	215	0.001	<20	0.38	0.015	0.25	<0.1	0.01	0.6	<0.1	0.59	<1	<0.5
611912	Drill Core	0.090	24	3	0.31	205	0.002	<20	0.45	0.019	0.30	2.6	<0.01	0.9	0.2	0.56	1	<0.5
611913	Drill Core	0.147	32	<1	0.63	256	0.003	<20	0.62	0.022	0.30	<0.1	0.02	1.9	0.4	0.64	2	<0.5
611914	Drill Core	0.142	38	3	0.63	260	0.017	<20	0.67	0.025	0.36	<0.1	<0.01	3.1	0.3	0.31	3	<0.5
611915	Drill Core	0.155	38	<1	0.82	293	0.024	<20	0.87	0.023	0.47	<0.1	0.01	3.8	0.3	0.39	4	<0.5
611916	Drill Core	0.085	33	3	0.49	370	0.002	<20	0.47	0.029	0.26	<0.1	<0.01	1.9	0.1	0.47	2	<0.5
611917	Drill Core	0.093	26	<1	0.57	223	0.002	<20	0.44	0.034	0.26	<0.1	0.01	1.9	0.2	0.65	2	<0.5
611918	Drill Core	0.143	27	2	0.62	201	0.003	<20	0.61	0.026	0.29	<0.1	0.01	2.2	0.1	0.64	2	<0.5
611919	Drill Core	0.046	24	<1	0.29	241	0.002	<20	0.40	0.026	0.31	<0.1	<0.01	0.7	0.1	0.50	1	<0.5
611920	Drill Core	0.054	23	2	0.37	231	0.002	<20	0.39	0.024	0.30	>100	<0.01	0.5	0.1	0.62	1	0.6
611921	Drill Core	0.111	23	<1	0.55	254	0.003	<20	0.60	0.024	0.33	<0.1	0.02	2.5	0.2	0.45	2	<0.5
611922	Drill Core	0.128	17	2	0.79	160	0.002	<20	0.65	0.020	0.33	0.2	0.02	2.2	0.1	1.24	2	<0.5
611923	Drill Core	0.051	19	<1	0.51	176	0.001	<20	0.46	0.012	0.27	<0.1	0.01	1.1	0.1	0.57	1	<0.5
611924	Drill Core	0.073	26	3	0.63	189	0.002	<20	0.59	0.025	0.33	<0.1	<0.01	1.5	<0.1	0.46	2	<0.5
611925	Drill Core	0.018	21	4	0.60	88	<0.001	<20	0.36	0.013	0.25	<0.1	<0.01	0.7	<0.1	0.14	1	<0.5
611926	Drill Core	0.018	31	3	0.45	112	<0.001	<20	0.40	0.016	0.27	<0.1	0.01	0.8	<0.1	0.14	1	<0.5
611927	Drill Core	0.028	24	4	0.47	203	0.001	<20	0.34	0.024	0.26	1.0	0.04	1.1	0.1	0.61	1	<0.5
613255	Drill Core	0.290	12	31	0.01	2246	0.001	<20	0.66	0.004	0.12	2.9	0.14	10.2	<0.1	<0.05	1	5.7
613256	Drill Core	0.161	5	14	0.01	1250	0.001	<20	0.41	0.003	0.09	0.8	0.11	5.5	<0.1	<0.05	1	4.3
613257	Drill Core	0.141	4	21	<0.01	545	0.001	<20	0.35	0.003	0.09	0.4	0.15	4.7	<0.1	<0.05	1	7.4
613258	Drill Core	0.058	1	8	<0.01	441	<0.001	<20	0.12	0.001	0.03	<0.1	0.07	1.9	<0.1	<0.05	<1	<0.5
613259	Rock Pulp	0.029	19	28	0.04	2572	0.001	<20	0.36	0.005	0.13	9.0	1.99	1.3	2.9	0.14	2	0.6



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	
613260	Drill Core	3.80	12	0.8	23.0	15.4	13	0.3	1.2	0.7	24	1.18	294.6	4.4	0.2	20	<0.1	3.1	<0.1	14	<0.01	
613261	Drill Core	3.39	13	0.6	19.2	4.3	9	0.2	0.8	0.4	24	1.19	292.6	3.1	0.1	20	<0.1	4.5	<0.1	19	<0.01	
613262	Drill Core	3.36	20	2.7	62.8	9.0	11	0.4	1.2	0.6	24	2.33	355.4	3.4	0.7	19	<0.1	7.5	<0.1	24	<0.01	
613263	Drill Core	5.21	30	2.6	68.4	41.6	18	0.3	1.1	1.0	29	2.29	594.4	25.4	0.9	77	<0.1	8.5	0.3	35	0.01	
613264	Drill Core	3.99	117	4.7	92.2	39.9	18	0.5	1.2	0.9	32	3.49	965.5	31.7	1.4	98	0.1	13.4	0.2	61	0.02	
613265	Drill Core	4.36	67	3.9	66.5	13.7	8	0.4	0.8	0.5	21	1.84	330.0	23.4	1.3	30	<0.1	4.9	0.2	27	<0.01	
613266	Drill Core	3.60	106	4.5	50.0	25.0	9	0.5	0.9	1.1	22	1.70	512.5	30.9	1.3	32	<0.1	5.1	0.2	35	<0.01	
613267	Drill Core	3.79	72	2.3	111.4	25.8	8	0.4	0.7	1.3	27	3.47	988.5	31.0	2.1	33	<0.1	7.8	0.1	35	<0.01	
613268	Drill Core	4.16	126	3.6	90.8	23.5	39	0.4	2.9	2.4	33	3.80	780.6	45.4	1.9	69	<0.1	10.9	0.2	44	<0.01	
613269	Rock	2.03	<2	0.2	2.4	3.3	52	<0.1	3.7	4.3	579	2.01	8.7	2.2	5.3	65	<0.1	<0.1	<0.1	39	0.54	
613270	Drill Core	3.57	31	1.7	64.2	13.4	9	0.3	0.8	1.2	27	2.62	636.4	18.5	0.7	35	<0.1	4.7	0.1	19	<0.01	
613271	Drill Core	4.22	190	6.4	86.5	39.7	14	0.4	0.8	1.2	29	3.23	676.9	60.1	1.6	89	<0.1	11.3	0.2	37	<0.01	
613272	Drill Core	4.72	78	3.5	24.1	19.8	7	0.4	0.8	0.4	19	1.09	305.3	25.5	1.1	28	<0.1	2.7	0.2	27	<0.01	
613273	Drill Core	4.74	233	2.9	59.9	23.8	9	1.9	0.9	0.7	26	1.91	370.2	81.8	2.0	20	<0.1	6.3	0.4	21	<0.01	
613274	Drill Core	3.89	98	2.7	108.7	23.0	5	0.2	0.8	0.7	24	3.31	617.4	37.2	1.0	30	<0.1	9.2	0.2	24	<0.01	
613275	Drill Core	4.68	87	3.8	189.7	21.6	16	0.3	0.9	0.6	36	6.31	1127	38.1	0.9	19	<0.1	15.7	0.2	27	<0.01	
613276	Drill Core	4.64	16	1.0	65.0	17.1	10	0.2	0.7	0.7	30	3.51	946.2	14.0	0.4	9	<0.1	6.2	0.1	19	<0.01	
613277	Drill Core	3.60	38	2.8	45.5	14.6	4	0.2	0.8	0.5	25	1.92	364.2	15.3	2.8	13	<0.1	2.8	0.1	19	<0.01	
613278	Drill Core	4.25	54	1.4	31.3	5.6	4	0.1	0.6	0.2	18	1.95	342.3	24.5	3.3	9	<0.1	3.2	0.2	13	<0.01	
613279	Drill Core	1.70	33	6.7	129.6	11.3	29	0.4	1.2	0.5	31	7.77	1575	18.8	1.0	7	0.1	13.0	0.2	28	<0.01	
613280	Drill Core	1.49	87	7.2	91.6	8.2	18	0.3	0.9	0.5	23	4.75	951.4	53.0	1.0	7	<0.1	8.0	0.2	19	<0.01	
613281	Drill Core	4.64	20	4.2	40.0	10.1	8	0.2	0.7	0.3	22	2.32	480.6	11.3	3.2	8	<0.1	5.0	0.1	18	<0.01	
613282	Drill Core	4.36	13	8.3	39.1	11.0	6	0.2	0.8	0.4	20	2.33	593.4	13.5	2.8	11	<0.1	4.4	0.3	17	<0.01	
613283	Drill Core	3.79	6	1.4	21.6	14.7	4	0.2	0.8	0.2	18	1.31	262.2	10.3	8.1	20	<0.1	4.0	0.4	19	<0.01	
613284	Drill Core	3.97	32	2.4	47.3	15.7	4	0.2	0.5	0.4	16	2.06	308.0	14.4	5.6	20	<0.1	5.3	0.3	17	<0.01	
613285	Drill Core	4.28	37	2.1	58.9	31.0	5	0.2	1.1	0.3	16	2.52	741.7	97.9	2.1	26	<0.1	5.8	0.3	17	<0.01	
613286	Drill Core	5.03	32	3.6	89.5	24.2	9	0.2	3.4	0.3	20	3.45	690.3	17.0	1.9	23	<0.1	6.8	0.1	23	<0.01	
613287	Drill Core	4.10	51	3.0	72.2	27.0	14	0.2	0.6	0.4	19	3.25	509.2	17.2	2.1	46	<0.1	6.3	0.2	19	<0.01	
613288	Drill Core	2.93	64	4.0	111.3	51.0	17	0.2	0.6	0.4	22	4.42	811.4	24.9	1.5	60	<0.1	9.9	0.2	23	<0.01	
613289	Drill Core	3.09	61	2.2	81.1	22.7	8	0.3	0.7	0.4	17	3.78	746.9	20.0	2.0	32	<0.1	7.5	0.1	27	<0.01	



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613260	Drill Core	0.051	1	25	<0.01	301	<0.001	<20	0.12	0.001	0.03	<0.1	0.07	2.2	<0.1	<0.05	<1	<0.5
613261	Drill Core	0.055	<1	12	<0.01	298	<0.001	<20	0.10	<0.001	0.02	<0.1	0.05	2.1	<0.1	<0.05	<1	<0.5
613262	Drill Core	0.050	2	19	<0.01	219	<0.001	<20	0.20	0.002	0.07	<0.1	0.07	1.7	<0.1	<0.05	<1	3.6
613263	Drill Core	0.114	4	15	<0.01	979	<0.001	<20	0.32	0.002	0.06	0.5	0.08	2.0	<0.1	<0.05	1	1.9
613264	Drill Core	0.152	7	28	0.01	1097	0.001	<20	0.41	0.002	0.07	1.0	0.17	4.9	<0.1	<0.05	3	4.2
613265	Drill Core	0.044	4	15	<0.01	282	<0.001	<20	0.29	0.002	0.06	0.2	0.14	2.0	<0.1	<0.05	2	3.8
613266	Drill Core	0.057	6	16	0.01	327	<0.001	<20	0.30	0.002	0.07	0.3	0.15	3.0	<0.1	<0.05	2	3.5
613267	Drill Core	0.076	9	19	<0.01	320	<0.001	<20	0.32	0.003	0.09	0.3	0.16	3.6	<0.1	<0.05	3	5.0
613268	Drill Core	0.129	15	22	<0.01	694	0.001	<20	0.44	0.003	0.09	1.4	0.20	4.9	<0.1	<0.05	2	4.0
613269	Rock	0.079	11	14	0.59	221	0.134	<20	1.03	0.082	0.48	<0.1	0.01	2.0	0.3	<0.05	5	<0.5
613270	Drill Core	0.084	9	10	<0.01	304	<0.001	<20	0.27	0.003	0.06	0.2	0.09	3.4	<0.1	<0.05	<1	2.1
613271	Drill Core	0.132	16	21	<0.01	886	0.001	<20	0.44	0.003	0.08	0.5	0.25	4.5	<0.1	<0.05	2	12.4
613272	Drill Core	0.040	5	13	<0.01	291	<0.001	<20	0.24	0.001	0.08	<0.1	0.12	1.9	<0.1	<0.05	1	1.4
613273	Drill Core	0.039	4	15	0.01	180	0.001	<20	0.35	0.004	0.09	0.4	0.23	1.7	<0.1	<0.05	2	3.8
613274	Drill Core	0.079	5	15	<0.01	279	<0.001	<20	0.39	0.003	0.07	0.5	0.13	2.8	<0.1	<0.05	2	4.5
613275	Drill Core	0.106	4	22	<0.01	164	0.001	<20	0.33	0.003	0.05	0.6	0.28	3.9	<0.1	<0.05	2	14.7
613276	Drill Core	0.094	4	14	<0.01	94	<0.001	<20	0.19	0.002	0.04	0.3	0.09	4.5	<0.1	<0.05	<1	0.5
613277	Drill Core	0.046	11	11	0.01	116	<0.001	<20	0.31	0.004	0.11	0.6	0.08	2.7	<0.1	<0.05	1	0.8
613278	Drill Core	0.040	7	8	<0.01	68	<0.001	<20	0.30	0.004	0.12	0.3	0.05	1.7	<0.1	<0.05	1	0.6
613279	Drill Core	0.153	4	18	<0.01	52	<0.001	<20	0.34	0.002	0.06	0.5	0.14	5.7	<0.1	<0.05	<1	5.7
613280	Drill Core	0.089	3	9	<0.01	54	<0.001	<20	0.23	0.003	0.06	0.4	0.09	3.3	<0.1	<0.05	<1	3.0
613281	Drill Core	0.042	8	14	<0.01	78	<0.001	<20	0.24	0.005	0.10	0.4	0.06	2.2	<0.1	<0.05	<1	0.9
613282	Drill Core	0.041	8	11	<0.01	111	<0.001	<20	0.29	0.005	0.10	0.4	0.04	2.7	0.1	<0.05	1	1.1
613283	Drill Core	0.028	21	12	0.02	173	<0.001	<20	0.37	0.008	0.17	0.4	0.03	1.7	<0.1	<0.05	2	1.1
613284	Drill Core	0.034	13	9	0.01	158	<0.001	<20	0.35	0.009	0.15	0.2	0.06	1.8	<0.1	<0.05	2	2.5
613285	Drill Core	0.036	8	13	0.01	203	<0.001	<20	0.32	0.007	0.12	0.3	0.06	2.1	<0.1	<0.05	2	2.7
613286	Drill Core	0.059	7	16	<0.01	179	<0.001	<20	0.31	0.004	0.09	0.5	0.10	3.4	<0.1	<0.05	1	2.0
613287	Drill Core	0.066	8	11	0.01	340	<0.001	<20	0.35	0.005	0.11	0.5	0.12	3.2	<0.1	<0.05	2	2.5
613288	Drill Core	0.094	11	15	<0.01	499	<0.001	<20	0.39	0.004	0.08	0.7	0.10	5.2	<0.1	<0.05	1	4.1
613289	Drill Core	0.071	8	15	0.01	314	<0.001	<20	0.40	0.004	0.12	0.6	0.10	3.7	<0.1	<0.05	2	3.2



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613290	Drill Core	2.77	24	3.2	121.1	20.4	11	0.5	0.7	0.3	26	4.07	661.8	7.2	2.2	22	<0.1	5.4	0.2	19	<0.01
613291	Drill Core	3.89	73	5.1	135.5	55.8	12	0.5	0.8	0.4	20	5.58	1280	20.1	2.2	29	<0.1	9.2	0.2	38	<0.01
613292	Drill Core	2.78	51	8.7	182.6	50.4	15	0.4	0.9	0.3	21	6.34	1156	15.1	1.5	10	<0.1	13.8	0.2	32	<0.01
613293	Drill Core	2.48	60	1.7	80.3	30.1	98	0.6	8.6	1.3	30	6.33	1308	17.9	6.6	27	<0.1	3.8	0.2	17	<0.01
613294	Drill Core	4.16	23	2.3	45.1	28.8	63	0.3	6.1	1.3	29	3.46	428.1	10.9	3.5	39	<0.1	1.9	0.3	20	<0.01
613295	Rock Pulp	0.08	2334	23.4	14.6	16.8	38	0.3	20.2	2.6	16	0.90	113.3	2782	4.0	97	0.2	58.9	0.1	64	0.34
613296	Drill Core	5.40	50	5.2	84.9	48.6	30	1.1	2.5	0.6	26	4.53	931.5	18.8	2.8	27	<0.1	5.5	0.1	24	<0.01
613297	Drill Core	4.70	21	1.7	31.7	11.8	162	0.3	17.9	2.8	44	5.05	372.1	4.1	4.0	24	<0.1	0.8	<0.1	9	<0.01
613298	Drill Core	4.38	38	1.5	37.1	18.1	10	0.5	2.6	0.6	24	1.41	332.0	20.3	3.8	28	<0.1	1.6	0.2	15	<0.01
613299	Rock	1.03	<2	0.1	2.7	3.2	46	<0.1	3.2	3.6	561	1.94	2.2	<0.5	5.7	60	<0.1	<0.1	<0.1	37	0.48
613300	Drill Core	5.68	58	3.0	79.3	82.5	21	0.5	3.9	0.5	23	2.25	418.8	23.9	1.8	57	<0.1	3.0	0.2	22	<0.01
613301	Drill Core	3.71	49	5.9	173.7	34.6	53	0.6	6.3	1.3	50	5.76	686.5	14.1	2.2	43	<0.1	5.1	0.3	26	<0.01
613302	Drill Core	4.52	27	3.9	97.7	25.6	20	0.4	3.2	1.2	55	4.33	317.7	7.6	3.4	21	<0.1	2.1	0.3	32	<0.01
613303	Drill Core	5.19	14	3.3	128.9	49.9	22	0.3	3.1	1.2	46	3.34	356.0	7.1	2.4	28	<0.1	3.6	0.2	41	<0.01
613304	Drill Core	4.09	10	2.6	126.8	54.1	23	0.4	6.0	0.7	31	3.52	362.8	5.4	1.5	26	<0.1	3.3	0.1	42	<0.01
613305	Drill Core	4.51	23	2.5	169.0	56.4	38	0.5	12.2	1.7	25	3.76	285.9	6.2	2.3	23	<0.1	2.8	0.2	34	<0.01
613306	Drill Core	4.27	69	3.5	181.1	46.6	83	1.1	15.9	2.6	40	5.34	481.7	16.0	3.5	23	<0.1	3.1	0.2	53	<0.01
613307	Drill Core	5.12	56	2.4	71.3	26.3	9	1.2	1.9	0.5	16	1.99	152.2	31.2	6.6	20	<0.1	2.6	0.2	12	<0.01
613308	Drill Core	4.77	46	2.0	118.7	22.8	17	1.8	2.8	0.6	15	3.54	252.7	16.9	4.9	18	<0.1	1.6	0.2	29	<0.01
613309	Drill Core	2.59	34	4.8	97.7	24.9	28	0.9	5.2	1.1	18	4.03	470.8	6.0	4.0	22	<0.1	4.4	0.2	36	<0.01
613310	Drill Core	1.39	44	6.7	97.3	27.7	49	1.0	8.5	1.0	21	4.79	547.5	7.1	3.0	20	0.1	3.5	0.2	40	<0.01
613311	Drill Core	3.60	53	5.7	65.9	28.9	48	1.2	5.9	0.8	18	3.38	484.3	7.7	3.1	31	<0.1	2.5	0.3	29	<0.01
613312	Drill Core	5.72	24	5.7	68.9	29.0	236	1.1	24.5	2.6	46	7.37	1203	2.7	2.4	32	0.5	5.3	0.2	51	0.01
613313	Drill Core	3.62	55	5.9	74.2	35.2	94	1.0	12.9	1.8	25	4.78	884.9	3.4	1.7	43	0.2	3.5	0.3	50	0.01
613314	Drill Core	5.08	48	2.4	21.8	27.8	39	2.7	4.4	1.5	34	1.86	515.6	2.7	1.2	47	<0.1	2.3	0.2	24	0.03
613315	Drill Core	3.33	71	6.7	58.2	1049	40	2.0	4.5	0.8	25	2.60	372.4	1.9	1.9	31	<0.1	2.5	1.8	32	0.02
613316	Drill Core	3.52	25	5.2	85.6	27.2	29	0.7	4.0	0.9	17	3.21	410.6	1.0	2.1	46	<0.1	2.5	0.2	41	<0.01
613317	Drill Core	4.76	54	3.9	43.6	46.1	17	1.3	2.9	0.7	20	2.73	517.6	4.3	1.6	84	<0.1	3.5	0.2	50	0.03
613318	Drill Core	4.08	133	4.7	24.2	15.7	5	2.0	0.7	0.8	25	1.94	619.6	32.9	2.4	15	<0.1	6.0	0.3	21	<0.01
613319	Rock Pulp	0.07	2601	19.1	13.6	14.6	37	0.3	17.9	2.4	16	0.86	104.7	2002	3.6	96	0.2	21.1	0.1	61	0.30



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
613290	Drill Core	0.057	6	15	<0.01	193	<0.001	<20	0.27	0.005	0.10	1.9	0.13	2.5	<0.1	<0.05	1	2.0	<0.2
613291	Drill Core	0.083	6	17	0.01	251	<0.001	<20	0.37	0.004	0.10	0.6	0.14	4.0	<0.1	<0.05	2	3.6	0.2
613292	Drill Core	0.074	5	22	<0.01	106	<0.001	<20	0.24	0.003	0.07	0.6	0.20	4.2	<0.1	<0.05	<1	3.9	<0.2
613293	Drill Core	0.077	15	14	0.02	239	<0.001	<20	0.44	0.007	0.16	1.0	0.16	3.4	<0.1	<0.05	2	3.7	<0.2
613294	Drill Core	0.045	7	13	<0.01	272	<0.001	<20	0.35	0.005	0.13	0.5	0.05	2.5	<0.1	<0.05	2	1.2	<0.2
613295	Rock Pulp	0.027	18	26	0.04	2598	0.001	<20	0.35	0.005	0.12	8.2	1.90	1.3	2.6	0.12	1	<0.5	0.3
613296	Drill Core	0.061	5	16	<0.01	226	<0.001	<20	0.35	0.003	0.10	1.8	0.09	3.1	<0.1	<0.05	2	2.0	0.3
613297	Drill Core	0.055	9	10	<0.01	207	<0.001	<20	0.34	0.004	0.11	0.4	0.05	1.7	<0.1	<0.05	1	1.2	<0.2
613298	Drill Core	0.033	8	10	0.01	246	<0.001	<20	0.41	0.004	0.12	0.4	0.06	2.3	<0.1	<0.05	1	0.8	<0.2
613299	Rock	0.072	14	9	0.50	160	0.124	<20	0.90	0.076	0.46	<0.1	0.01	2.1	0.3	<0.05	5	<0.5	<0.2
613300	Drill Core	0.059	5	14	<0.01	507	<0.001	<20	0.47	0.002	0.08	0.9	0.10	2.8	<0.1	<0.05	2	2.5	<0.2
613301	Drill Core	0.075	4	17	<0.01	278	<0.001	<20	0.52	0.004	0.08	0.7	0.14	4.1	<0.1	<0.05	4	3.6	<0.2
613302	Drill Core	0.069	6	12	<0.01	144	0.001	<20	0.54	0.006	0.10	0.6	0.13	3.1	<0.1	<0.05	3	2.7	<0.2
613303	Drill Core	0.093	8	22	<0.01	222	<0.001	<20	0.43	0.002	0.05	0.8	0.05	4.6	<0.1	<0.05	2	3.3	<0.2
613304	Drill Core	0.094	6	27	<0.01	217	<0.001	<20	0.49	0.003	0.06	0.8	0.07	4.9	<0.1	<0.05	2	2.2	<0.2
613305	Drill Core	0.086	5	28	<0.01	155	<0.001	<20	0.53	0.002	0.06	0.7	0.12	4.5	<0.1	<0.05	1	3.5	<0.2
613306	Drill Core	0.101	10	30	0.01	188	<0.001	<20	0.58	0.005	0.14	0.4	0.15	3.7	<0.1	<0.05	2	6.1	<0.2
613307	Drill Core	0.029	17	12	0.01	159	<0.001	<20	0.35	0.004	0.17	0.5	0.05	1.5	<0.1	<0.05	2	4.0	<0.2
613308	Drill Core	0.050	13	17	0.01	144	<0.001	<20	0.35	0.006	0.15	0.4	0.12	2.2	<0.1	<0.05	2	4.0	<0.2
613309	Drill Core	0.076	10	22	<0.01	162	<0.001	<20	0.34	0.005	0.12	0.4	0.06	2.8	<0.1	<0.05	2	5.6	<0.2
613310	Drill Core	0.093	7	21	<0.01	146	<0.001	<20	0.33	0.005	0.10	0.5	0.08	3.3	<0.1	<0.05	2	6.8	0.2
613311	Drill Core	0.085	9	17	<0.01	210	<0.001	<20	0.31	0.004	0.10	0.4	0.07	3.6	<0.1	<0.05	1	6.0	<0.2
613312	Drill Core	0.173	6	19	0.01	244	0.001	<20	0.44	0.006	0.11	2.8	0.04	4.2	<0.1	<0.05	1	3.3	<0.2
613313	Drill Core	0.134	5	27	0.01	257	<0.001	<20	0.40	0.005	0.09	0.5	0.06	4.5	<0.1	<0.05	1	4.3	<0.2
613314	Drill Core	0.126	5	15	0.02	236	0.001	<20	0.35	0.004	0.10	0.4	0.08	5.9	0.1	<0.05	<1	2.2	<0.2
613315	Drill Core	0.097	6	24	0.01	207	<0.001	<20	0.32	0.004	0.11	0.6	0.11	2.5	<0.1	<0.05	1	5.3	0.4
613316	Drill Core	0.105	5	21	<0.01	287	<0.001	<20	0.31	0.003	0.09	0.6	0.14	3.5	<0.1	<0.05	2	3.7	<0.2
613317	Drill Core	0.158	4	24	<0.01	317	0.001	<20	0.32	0.004	0.10	0.3	0.10	4.2	0.1	0.10	2	4.1	<0.2
613318	Drill Core	0.149	8	10	0.02	118	0.001	<20	0.26	0.004	0.14	0.3	0.04	5.9	0.1	0.05	1	6.2	0.2
613319	Rock Pulp	0.024	15	25	0.04	1815	<0.001	<20	0.31	0.005	0.12	5.2	1.69	1.2	2.3	0.10	1	<0.5	0.2



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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613320	Drill Core	4.72	87	3.6	45.3	17.5	5	1.1	0.9	0.6	17	1.94	250.5	6.0	3.0	22	<0.1	1.2	0.2	14
613321	Drill Core	3.27	39	2.9	28.4	10.2	20	0.7	3.0	0.8	24	1.23	125.2	0.7	3.1	17	<0.1	1.2	0.2	12
613322	Drill Core	4.49	9	4.4	68.2	17.2	34	0.4	6.6	0.8	18	3.10	134.2	<0.5	1.6	44	<0.1	2.3	0.2	31
613323	Drill Core	4.18	15	3.2	46.7	21.8	7	0.8	0.6	0.5	20	2.39	133.1	0.9	1.3	54	<0.1	2.2	0.2	18
613324	Drill Core	4.29	7	8.3	48.4	23.9	7	0.6	1.1	0.4	20	2.05	44.1	<0.5	1.4	32	<0.1	2.5	0.2	32
613325	Drill Core	4.24	429	2.7	13.6	10.0	6	0.5	1.9	0.4	12	0.94	32.7	<0.5	3.3	37	<0.1	1.7	0.2	14
613326	Drill Core	4.76	4	2.5	20.9	11.2	3	0.3	0.9	0.3	10	1.01	32.1	<0.5	3.2	46	<0.1	0.7	0.2	16
613327	Drill Core	5.85	8	2.5	7.7	15.8	4	0.5	1.2	0.3	16	0.56	52.9	<0.5	1.9	37	<0.1	0.8	0.2	11
613328	Drill Core	3.64	9	2.4	18.8	10.1	2	2.1	1.1	0.2	13	0.75	8.7	<0.5	1.6	25	<0.1	0.5	0.2	9
613329	Rock	1.00	<2	<0.1	2.3	5.8	45	<0.1	2.4	3.6	533	1.93	<0.5	<0.5	6.9	66	<0.1	<0.1	<0.1	34
613330	Drill Core	3.22	12	6.3	19.0	377.9	13	2.0	2.7	0.5	15	1.42	253.9	<0.5	2.3	30	<0.1	0.9	0.7	28
613331	Drill Core	2.87	9	2.4	12.1	20.6	2	0.6	1.0	0.3	16	0.78	46.7	<0.5	1.6	34	<0.1	1.2	0.2	18
613332	Drill Core	2.72	33	3.3	41.3	30.1	3	0.6	0.7	0.6	16	1.42	17.1	1.4	1.1	25	<0.1	1.3	0.2	20
613333	Drill Core	4.59	12	4.6	22.7	90.0	2	1.2	0.9	0.2	12	1.18	21.4	<0.5	1.3	30	<0.1	1.5	0.2	23
613334	Drill Core	1.74	13	2.1	17.8	20.8	1	0.8	0.5	0.6	9	0.77	23.6	<0.5	2.0	39	<0.1	1.2	0.2	12
613335	Drill Core	3.63	26	3.6	8.8	122.5	8	0.9	1.7	0.5	9	0.89	169.8	<0.5	1.9	45	<0.1	1.2	0.3	17
613336	Drill Core	4.22	15	1.6	10.1	32.2	2	0.7	1.1	0.5	10	0.71	65.6	<0.5	1.4	26	<0.1	0.9	0.3	11
613337	Drill Core	4.83	11	2.2	8.1	20.0	2	0.8	0.9	0.4	15	0.45	17.5	<0.5	1.3	36	<0.1	1.2	0.2	10
613338	Drill Core	4.18	16	3.5	20.6	23.2	2	0.8	0.5	0.4	13	0.95	34.0	<0.5	1.6	38	<0.1	1.1	0.2	21
613339	Drill Core	2.22	14	2.5	10.9	15.8	2	0.7	0.7	0.8	13	0.65	235.7	<0.5	1.9	31	<0.1	0.6	0.1	12
613340	Drill Core	2.28	19	3.6	10.3	18.5	2	0.9	0.7	0.4	13	0.81	289.4	<0.5	2.4	36	<0.1	0.7	0.2	16
613341	Drill Core	3.75	26	3.5	12.3	32.2	2	1.2	0.7	0.3	14	0.75	217.9	<0.5	3.5	34	<0.1	0.9	0.2	18
613342	Drill Core	4.32	68	2.5	4.6	83.7	1	1.6	0.7	0.3	13	0.54	56.1	2.6	1.4	14	<0.1	1.2	0.4	13
613343	Drill Core	4.95	27	6.0	10.1	47.0	25	0.8	1.6	0.4	22	1.58	650.7	<0.5	3.2	19	0.2	1.2	0.2	27
613344	Drill Core	3.88	37	7.5	13.1	20.2	24	0.8	3.2	1.0	41	1.68	243.8	3.7	3.4	19	<0.1	1.4	0.2	42
613345	Drill Core	4.76	20	5.0	7.8	32.6	29	0.8	2.1	1.1	53	1.63	54.4	<0.5	5.0	19	0.2	0.8	0.4	20
613346	Drill Core	4.04	73	6.0	29.4	15.3	23	1.1	4.2	1.2	45	2.31	1393	19.8	3.7	14	<0.1	2.2	0.1	43
613347	Drill Core	4.27	28	4.5	14.3	29.5	7	1.0	1.8	0.8	45	1.60	265.5	3.2	2.9	22	<0.1	1.4	0.4	21
613348	Drill Core	4.60	19	3.9	20.5	22.9	17	0.7	3.9	1.1	46	1.33	72.0	<0.5	3.9	25	<0.1	1.1	0.2	26
613349	Rock Pulp	0.08	2557	21.3	13.5	15.8	36	0.3	18.0	2.4	17	0.90	102.7	2453	4.0	99	0.2	77.4	0.1	63



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Client:

Radius Gold Inc.

830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Project:

Sixty Mile

Report Date:

November 14, 2011

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Part 2

CERTIFICATE OF ANALYSIS

WHI11001696.1

	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
613320	Drill Core	0.087	9	12	0.01	158	<0.001	<20	0.27	0.005	0.15	0.2	0.04	2.5	0.1	0.08	1	2.3	<0.2
613321	Drill Core	0.040	11	8	0.01	125	<0.001	<20	0.25	0.005	0.13	0.2	0.06	2.1	<0.1	<0.05	1	2.3	<0.2
613322	Drill Core	0.070	3	20	<0.01	262	<0.001	<20	0.24	0.004	0.05	0.3	0.08	1.6	<0.1	<0.05	2	2.4	<0.2
613323	Drill Core	0.065	3	10	<0.01	201	<0.001	<20	0.25	0.004	0.05	0.2	0.09	1.0	<0.1	<0.05	2	4.7	<0.2
613324	Drill Core	0.046	3	19	<0.01	127	<0.001	<20	0.22	0.003	0.05	0.3	0.08	0.7	<0.1	<0.05	2	3.4	<0.2
613325	Drill Core	0.023	8	9	<0.01	179	<0.001	<20	0.29	0.006	0.08	0.2	0.10	0.9	0.2	0.06	2	1.2	<0.2
613326	Drill Core	0.022	6	11	<0.01	230	<0.001	<20	0.32	0.006	0.10	0.1	0.06	0.9	0.2	0.07	2	2.1	<0.2
613327	Drill Core	0.014	3	8	<0.01	188	<0.001	<20	0.26	0.004	0.07	0.1	0.06	1.0	0.2	0.07	2	1.2	<0.2
613328	Drill Core	0.012	3	8	<0.01	124	<0.001	<20	0.21	0.004	0.05	1.0	0.09	0.6	<0.1	<0.05	1	0.9	<0.2
613329	Rock	0.075	13	7	0.51	148	0.112	<20	1.04	0.104	0.49	0.2	<0.01	1.8	0.2	<0.05	5	<0.5	<0.2
613330	Drill Core	0.028	3	15	<0.01	228	<0.001	<20	0.26	0.005	0.14	0.3	0.15	1.3	0.2	0.25	3	4.0	<0.2
613331	Drill Core	0.018	2	8	<0.01	332	<0.001	<20	0.23	0.004	0.05	0.2	0.12	0.6	<0.1	<0.05	1	2.6	<0.2
613332	Drill Core	0.016	2	16	<0.01	369	<0.001	<20	0.25	0.003	0.04	0.2	0.13	0.8	<0.1	<0.05	3	1.8	<0.2
613333	Drill Core	0.016	2	13	<0.01	238	<0.001	<20	0.28	0.002	0.07	0.2	0.13	0.8	0.2	0.10	2	2.0	<0.2
613334	Drill Core	0.012	3	11	<0.01	239	<0.001	<20	0.30	0.005	0.11	0.2	0.10	0.7	0.4	0.22	2	1.1	<0.2
613335	Drill Core	0.022	3	12	<0.01	256	<0.001	<20	0.30	0.004	0.10	0.2	0.16	2.0	0.4	0.22	2	1.4	<0.2
613336	Drill Core	0.015	2	11	<0.01	223	<0.001	<20	0.25	0.004	0.09	0.1	0.17	1.8	0.2	0.16	2	1.8	<0.2
613337	Drill Core	0.014	2	9	<0.01	368	<0.001	<20	0.25	0.003	0.06	0.1	0.14	0.6	0.2	0.08	1	1.4	<0.2
613338	Drill Core	0.023	3	15	<0.01	239	<0.001	<20	0.27	0.004	0.08	0.2	0.14	0.9	0.3	0.13	2	2.0	<0.2
613339	Drill Core	0.021	3	10	<0.01	178	<0.001	<20	0.23	0.004	0.10	0.2	0.08	3.4	0.2	0.13	2	1.4	<0.2
613340	Drill Core	0.023	4	15	<0.01	206	<0.001	<20	0.27	0.004	0.12	0.2	0.12	3.9	0.2	0.16	2	2.2	<0.2
613341	Drill Core	0.027	5	13	0.01	281	<0.001	<20	0.28	0.005	0.13	0.2	0.14	6.0	0.2	0.11	2	2.0	<0.2
613342	Drill Core	0.014	4	13	0.01	218	<0.001	<20	0.24	0.005	0.13	0.1	0.08	2.1	0.1	0.14	1	1.4	<0.2
613343	Drill Core	0.034	6	17	0.01	229	<0.001	<20	0.29	0.005	0.22	0.3	0.10	2.8	0.3	0.33	3	2.0	<0.2
613344	Drill Core	0.029	6	18	0.02	249	0.001	<20	0.32	0.007	0.25	0.6	0.26	3.3	0.5	0.33	2	4.0	<0.2
613345	Drill Core	0.017	9	16	0.02	279	0.002	<20	0.32	0.008	0.29	0.3	0.11	1.3	0.4	0.36	2	2.3	<0.2
613346	Drill Core	0.059	8	17	0.02	255	0.001	<20	0.41	0.008	0.31	0.6	0.31	5.1	0.7	0.55	2	3.4	<0.2
613347	Drill Core	0.024	5	17	0.01	251	<0.001	<20	0.35	0.007	0.23	0.4	0.18	2.9	0.5	0.43	2	1.7	<0.2
613348	Drill Core	0.015	7	13	0.01	229	<0.001	<20	0.38	0.005	0.17	0.3	0.17	2.3	0.4	0.24	2	1.9	<0.2
613349	Rock Pulp	0.022	15	25	0.04	3236	0.002	<20	0.27	0.005	0.11	9.4	1.66	1.2	2.2	0.12	1	<0.5	0.3



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Report Date: November 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11001696.1

	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613350	Drill Core	4.24	24	6.5	18.6	30.4	19	0.8	2.0	0.9	46	1.22	518.4	4.4	2.7	24	<0.1	1.8	0.2	27
613351	Drill Core	4.37	14	8.9	39.0	22.0	84	0.6	9.1	2.2	70	2.15	175.3	0.7	3.1	22	<0.1	1.7	0.2	62
613352	Drill Core	4.20	17	4.7	12.1	29.4	46	0.7	2.4	1.4	50	1.21	464.9	<0.5	5.1	14	<0.1	0.6	0.3	20
613353	Drill Core	4.18	4	3.4	27.5	18.5	16	0.7	6.4	0.8	46	1.42	86.3	1.9	5.0	14	<0.1	0.9	0.3	31
613354	Drill Core	4.09	<2	3.0	14.9	14.3	2	0.4	3.6	0.7	48	0.75	46.0	1.1	1.8	9	<0.1	0.9	0.2	18
613355	Drill Core	4.30	31	3.2	25.3	22.8	3	0.8	2.9	0.5	32	1.10	584.2	5.8	4.1	24	<0.1	1.0	0.1	24
613356	Drill Core	4.31	18	5.6	50.0	21.1	18	1.2	3.0	1.0	42	1.38	1387	2.2	6.8	12	0.1	1.1	0.1	23
613357	Drill Core	4.38	58	4.7	22.2	34.0	3	1.4	1.9	0.6	27	0.93	284.5	10.1	4.5	20	<0.1	0.9	0.3	19
613358	Drill Core	4.51	57	4.3	10.6	38.2	5	1.1	2.7	0.9	33	0.87	359.1	7.2	2.5	22	<0.1	0.8	0.2	18
613359	Rock	3.40	<2	0.2	3.3	3.5	45	<0.1	3.2	4.0	599	2.31	3.3	<0.5	6.3	81	<0.1	<0.1	<0.1	40
613360	Drill Core	4.24	14	4.2	47.6	21.5	62	0.6	10.0	3.7	147	1.97	194.6	3.2	3.9	14	<0.1	0.6	0.1	28
613361	Drill Core	4.51	32	8.7	17.4	33.6	37	0.9	3.0	1.0	67	2.10	346.2	2.7	3.3	37	<0.1	1.1	0.2	36
613362	Drill Core	3.83	42	13.4	30.2	54.1	46	1.3	4.2	1.4	63	2.12	285.6	3.3	4.0	40	<0.1	1.3	0.3	42
613363	Drill Core	4.21	57	8.1	19.9	42.0	71	1.5	4.4	1.9	102	2.55	136.6	7.7	4.0	40	<0.1	1.5	0.3	37
613364	Drill Core	4.62	59	7.9	12.4	56.1	43	1.4	3.9	1.3	61	1.98	470.0	5.4	4.6	34	<0.1	1.2	0.3	24
613365	Drill Core	4.38	19	4.2	5.9	22.8	12	0.7	1.6	1.0	43	0.75	54.9	1.1	4.3	10	<0.1	0.2	0.2	13
613366	Drill Core	5.08	6	2.9	5.8	25.9	3	0.5	2.9	0.7	40	0.70	27.3	<0.5	2.2	13	<0.1	0.2	0.1	18
613367	Drill Core	4.66	11	3.7	9.2	29.9	3	0.5	1.9	0.9	42	1.03	42.5	<0.5	2.6	19	<0.1	0.4	0.1	23
613368	Drill Core	3.82	21	3.5	6.6	18.7	3	0.4	2.6	0.9	37	0.79	26.7	<0.5	2.0	10	<0.1	0.5	0.1	16
613369	Drill Core	2.50	13	2.6	8.7	30.8	3	0.9	2.0	0.8	49	0.94	26.4	<0.5	1.6	18	<0.1	0.5	0.1	13



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613350	Drill Core	0.025	5	13	0.02	238	0.002	<20	0.34	0.004	0.19	0.4	0.14	3.9	0.2	0.15	2	3.1
613351	Drill Core	0.038	6	22	0.01	170	0.001	<20	0.35	0.004	0.17	0.4	0.09	3.7	0.3	0.20	2	2.4
613352	Drill Core	0.035	13	11	0.02	238	0.002	<20	0.37	0.007	0.23	0.3	0.18	4.7	0.2	0.14	2	1.8
613353	Drill Core	0.038	12	23	0.02	204	0.001	<20	0.41	0.006	0.22	0.3	0.07	3.4	0.2	0.25	2	1.5
613354	Drill Core	0.027	5	13	0.02	123	0.001	<20	0.28	0.005	0.13	0.2	0.04	2.8	0.1	0.08	1	0.7
613355	Drill Core	0.032	9	17	0.02	244	0.001	<20	0.43	0.007	0.20	0.2	0.06	5.6	0.3	0.20	2	2.0
613356	Drill Core	0.038	18	13	0.02	213	0.001	<20	0.39	0.007	0.19	0.3	0.13	5.2	0.2	0.07	2	4.1
613357	Drill Core	0.018	12	12	0.02	252	0.001	<20	0.44	0.006	0.20	0.3	0.18	1.9	0.4	0.14	2	4.4
613358	Drill Core	0.040	6	13	0.02	227	0.002	<20	0.33	0.005	0.19	0.4	0.11	4.3	0.3	0.20	2	2.5
613359	Rock	0.077	15	7	0.52	178	0.159	<20	1.09	0.126	0.53	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5
613360	Drill Core	0.020	9	14	0.02	169	0.001	<20	0.34	0.006	0.21	0.3	0.06	2.7	0.3	0.20	2	1.0
613361	Drill Core	0.024	6	20	0.02	351	0.001	<20	0.42	0.007	0.27	0.3	0.15	3.1	0.4	0.49	4	3.5
613362	Drill Core	0.037	7	22	0.02	371	0.002	<20	0.37	0.007	0.25	0.4	0.19	3.8	0.4	0.35	4	6.4
613363	Drill Core	0.027	8	18	0.02	443	0.002	<20	0.40	0.011	0.32	0.3	0.23	2.1	0.6	0.49	4	3.6
613364	Drill Core	0.028	11	18	0.02	543	0.003	<20	0.35	0.012	0.35	0.4	0.15	1.8	0.5	0.43	3	2.4
613365	Drill Core	0.006	14	9	0.02	363	0.002	<20	0.32	0.008	0.20	0.1	0.12	0.8	0.2	0.15	1	1.2
613366	Drill Core	0.008	7	12	0.02	423	0.002	<20	0.23	0.006	0.14	0.1	0.07	0.5	0.2	0.11	1	1.1
613367	Drill Core	0.018	7	14	0.03	573	0.003	<20	0.27	0.007	0.19	0.2	0.05	0.7	0.2	0.18	2	2.7
613368	Drill Core	0.013	6	13	0.02	368	0.003	<20	0.22	0.007	0.17	0.1	0.03	0.7	0.1	0.16	1	2.4
613369	Drill Core	0.015	6	12	0.02	293	0.002	<20	0.23	0.007	0.19	0.2	0.08	1.3	0.3	0.19	1	2.8



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Part 1

QUALITY CONTROL REPORT

WHI11001696.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
Pulp Duplicates																					
611846	Drill Core	5.30	727	0.8	16.2	22.5	9	0.5	0.6	2.9	484	1.39	684.8	357.0	13.2	42	<0.1	0.9	0.4	<2	1.28
REP 611846	QC			0.8	16.2	22.6	9	0.5	0.7	2.7	473	1.40	677.3	354.0	13.6	43	<0.1	1.1	0.4	<2	1.28
611889	Drill Core	5.64	17	1.0	6.2	13.5	15	0.1	0.6	1.4	321	1.00	191.7	14.6	16.3	40	0.1	0.5	0.1	<2	0.60
REP 611889	QC			1.0	5.5	12.8	14	0.1	0.6	1.3	307	0.98	179.4	13.2	15.2	38	<0.1	0.5	0.1	<2	0.59
611897	Drill Core	4.75	143	0.3	15.1	22.8	42	0.4	1.0	4.4	745	2.33	1553	109.4	11.6	61	0.4	0.2	0.4	3	1.81
REP 611897	QC		152																		
611919	Drill Core	2.74	490	0.8	11.5	8.7	16	0.3	0.5	3.1	521	1.40	1880	478.1	13.7	76	<0.1	0.3	0.1	<2	1.61
REP 611919	QC		549																		
613259	Rock Pulp	0.10	2532	24.9	15.9	18.3	42	0.4	21.4	2.7	16	0.91	121.1	2630	4.1	107	0.2	60.2	0.1	65	0.34
REP 613259	QC			23.9	15.5	17.6	43	0.4	20.8	2.7	16	0.91	120.0	2571	4.2	104	0.2	55.4	0.1	64	0.34
613285	Drill Core	4.28	37	2.1	58.9	31.0	5	0.2	1.1	0.3	16	2.52	741.7	97.9	2.1	26	<0.1	5.8	0.3	17	<0.01
REP 613285	QC			2.0	61.8	30.5	5	0.2	0.5	0.4	16	2.52	746.7	36.4	2.1	26	<0.1	6.0	0.3	18	<0.01
613318	Drill Core	4.08	133	4.7	24.2	15.7	5	2.0	0.7	0.8	25	1.94	619.6	32.9	2.4	15	<0.1	6.0	0.3	21	<0.01
REP 613318	QC			4.4	24.8	15.7	5	2.0	0.8	0.9	25	1.95	628.8	21.2	2.3	15	<0.1	3.0	0.3	22	<0.01
613337	Drill Core	4.83	11	2.2	8.1	20.0	2	0.8	0.9	0.4	15	0.45	17.5	<0.5	1.3	36	<0.1	1.2	0.2	10	<0.01
REP 613337	QC		11																		
REP 613354	QC			2.9	14.4	14.1	2	0.4	3.6	0.7	46	0.75	44.3	<0.5	1.8	9	<0.1	0.8	0.1	18	<0.01
613355	Drill Core	4.30	31	3.2	25.3	22.8	3	0.8	2.9	0.5	32	1.10	584.2	5.8	4.1	24	<0.1	1.0	0.1	24	<0.01
REP 613355	QC		27																		
Core Reject Duplicates																					
611852	Drill Core	3.43	110	1.3	13.0	78.7	82	0.6	0.8	2.8	1012	2.38	>10000	129.1	14.2	82	0.8	3.4	0.4	<2	1.95
DUP 611852	QC		116	1.4	12.3	74.4	76	0.5	0.9	2.6	937	2.21	>10000	156.8	14.1	77	0.7	2.9	0.3	<2	1.86
611887	Drill Core	3.85	451	0.5	6.1	4.1	7	0.2	0.8	1.8	302	0.92	1528	392.8	15.8	27	<0.1	0.3	<0.1	<2	0.50
DUP 611887	QC		553	0.5	6.1	3.5	7	0.2	0.5	1.6	306	0.95	1531	322.3	16.7	27	<0.1	0.2	<0.1	<2	0.55
611922	Drill Core	4.16	37	1.1	15.5	8.2	53	0.3	0.4	6.3	872	2.78	187.5	47.8	10.4	115	0.2	0.5	0.2	8	2.49
DUP 611922	QC		36	0.8	14.5	8.1	50	0.3	0.1	5.9	860	2.73	174.4	42.0	10.1	112	0.1	0.4	0.2	8	2.46
613284	Drill Core	3.97	32	2.4	47.3	15.7	4	0.2	0.5	0.4	16	2.06	308.0	14.4	5.6	20	<0.1	5.3	0.3	17	<0.01
DUP 613284	QC		30	2.4	48.4	15.5	5	0.2	0.8	0.7	16	2.11	310.4	14.2	5.5	19	<0.1	5.9	0.2	16	<0.01



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Part 2

QUALITY CONTROL REPORT

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Method		1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
Unit		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
MDL		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
Pulp Duplicates																		
611846	Drill Core	0.043	16	2	0.27	226	0.001	<20	0.42	0.010	0.35	0.7	0.02	0.6	0.1	1.01	1	<0.5
REP 611846	QC	0.046	17	2	0.26	231	0.001	<20	0.43	0.010	0.35	0.8	0.01	0.6	0.1	1.02	<1	<0.5
611889	Drill Core	0.029	17	1	0.21	140	<0.001	<20	0.35	0.038	0.26	0.5	0.02	0.7	<0.1	0.54	1	<0.5
REP 611889	QC	0.023	16	1	0.21	133	<0.001	<20	0.33	0.039	0.26	0.5	0.01	0.6	<0.1	0.53	<1	<0.5
611897	Drill Core	0.068	15	5	0.60	226	0.002	<20	0.47	0.036	0.29	0.6	<0.01	1.5	<0.1	0.95	2	<0.5
REP 611897	QC																	
611919	Drill Core	0.046	24	<1	0.29	241	0.002	<20	0.40	0.026	0.31	<0.1	<0.01	0.7	0.1	0.50	1	<0.5
REP 611919	QC																	
613259	Rock Pulp	0.029	19	28	0.04	2572	0.001	<20	0.36	0.005	0.13	9.0	1.99	1.3	2.9	0.14	2	0.6
REP 613259	QC	0.028	19	28	0.04	2495	0.001	<20	0.34	0.005	0.13	8.6	1.99	1.3	2.9	0.14	2	<0.5
613285	Drill Core	0.036	8	13	0.01	203	<0.001	<20	0.32	0.007	0.12	0.3	0.06	2.1	<0.1	<0.05	2	2.7
REP 613285	QC	0.034	8	12	0.01	206	<0.001	<20	0.32	0.007	0.12	0.3	0.08	2.2	<0.1	<0.05	2	2.6
613318	Drill Core	0.149	8	10	0.02	118	0.001	<20	0.26	0.004	0.14	0.3	0.04	5.9	0.1	0.05	1	6.2
REP 613318	QC	0.150	7	11	0.02	118	0.001	<20	0.26	0.006	0.14	0.2	0.04	5.7	0.2	0.05	1	6.2
613337	Drill Core	0.014	2	9	<0.01	368	<0.001	<20	0.25	0.003	0.06	0.1	0.14	0.6	0.2	0.08	1	1.4
REP 613337	QC																	
REP 613354	QC	0.027	5	13	0.02	114	0.001	<20	0.27	0.005	0.13	0.2	0.04	2.6	0.1	0.08	1	0.7
613355	Drill Core	0.032	9	17	0.02	244	0.001	<20	0.43	0.007	0.20	0.2	0.06	5.6	0.3	0.20	2	2.0
REP 613355	QC																	
Core Reject Duplicates																		
611852	Drill Core	0.055	14	4	0.60	45	<0.001	<20	0.25	0.051	0.05	0.7	0.02	1.7	<0.1	1.27	<1	2.0
DUP 611852	QC	0.057	14	3	0.57	46	<0.001	<20	0.27	0.054	0.06	0.6	0.02	1.6	<0.1	1.16	<1	1.8
611887	Drill Core	0.023	18	1	0.19	255	<0.001	<20	0.37	0.025	0.27	0.3	<0.01	0.5	<0.1	0.57	1	0.7
DUP 611887	QC	0.022	20	1	0.20	269	0.001	<20	0.42	0.033	0.30	0.3	<0.01	0.6	<0.1	0.56	1	0.6
611922	Drill Core	0.128	17	2	0.79	160	0.002	<20	0.65	0.020	0.33	0.2	0.02	2.2	0.1	1.24	2	<0.5
DUP 611922	QC	0.124	16	2	0.78	158	0.001	<20	0.65	0.021	0.34	<0.1	0.01	2.1	0.1	1.20	2	<0.5
613284	Drill Core	0.034	13	9	0.01	158	<0.001	<20	0.35	0.009	0.15	0.2	0.06	1.8	<0.1	<0.05	2	2.5
DUP 613284	QC	0.034	13	9	0.01	149	<0.001	<20	0.30	0.007	0.13	0.2	0.08	1.8	<0.1	<0.05	2	2.7



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Part 1

QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
613354	Drill Core	4.09	<2	3.0	14.9	14.3	2	0.4	3.6	0.7	48	0.75	46.0	1.1	1.8	9	<0.1	0.9	0.2	18	<0.01
DUP 613354	QC		<2	3.4	15.0	14.7	2	0.4	4.8	0.8	51	0.77	45.1	0.7	1.8	9	<0.1	0.9	0.2	17	<0.01
Reference Materials																					
STD DS8	Standard			13.3	123.2	123.0	324	1.7	40.9	8.4	606	2.56	24.6	85.7	6.9	66	2.4	4.9	6.9	42	0.73
STD DS8	Standard			14.5	108.2	128.3	311	1.9	39.4	7.7	620	2.60	25.6	105.3	7.1	80	2.0	3.9	6.7	40	0.76
STD DS8	Standard			14.0	112.4	126.9	318	1.9	38.1	7.1	609	2.50	27.2	103.3	6.6	70	2.3	4.6	6.0	43	0.74
STD DS8	Standard			12.3	112.2	113.8	306	1.8	37.9	7.3	610	2.53	24.0	108.6	6.3	71	2.1	3.2	6.8	41	0.74
STD DS8	Standard			14.1	115.0	138.6	330	1.9	39.3	7.5	651	2.57	25.8	115.3	7.2	73	2.4	4.5	6.8	43	0.74
STD DS8	Standard			12.7	109.5	123.5	303	1.7	37.4	7.2	609	2.46	24.6	95.7	6.9	73	2.4	5.0	7.0	42	0.72
STD OREAS45CA	Standard			0.9	520.8	21.6	63	0.3	257.5	95.2	940	16.57	3.6	40.5	7.4	17	<0.1	0.1	0.2	216	0.41
STD OREAS45CA	Standard			0.4	526.5	21.4	64	0.3	249.3	95.1	950	16.48	5.0	49.9	7.3	18	<0.1	<0.1	0.2	208	0.44
STD OREAS45CA	Standard			0.8	532.1	20.7	67	0.3	268.0	97.2	962	16.71	3.9	46.8	7.2	15	0.1	<0.1	0.2	215	0.44
STD OREAS45CA	Standard			0.4	503.7	21.1	60	0.3	247.2	88.9	919	16.35	3.8	42.9	7.0	17	0.1	<0.1	0.2	201	0.43
STD OREAS45CA	Standard			0.7	527.4	23.6	62	0.3	264.7	95.2	967	16.71	3.8	49.6	7.8	16	0.1	<0.1	0.2	211	0.43
STD OREAS45CA	Standard			0.9	487.8	20.7	62	0.3	244.4	85.2	882	14.89	3.6	38.3	7.2	17	<0.1	<0.1	0.2	196	0.40
STD OXC88	Standard		189																		
STD OXC88	Standard		197																		
STD OXC88	Standard		196																		
STD OXC88	Standard		190																		
STD OXC88	Standard		196																		
STD OXC88	Standard		225																		
STD OXC88	Standard		196																		
STD OXH82	Standard		1234																		
STD OXH82	Standard		1248																		
STD OXH82	Standard		1262																		
STD OXH82	Standard		1286																		
STD OXH82	Standard		1315																		
STD OXH82	Standard		1335																		
STD OXH82	Standard		1288																		



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Part 2

QUALITY CONTROL REPORT

WHI11001696.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
613354	Drill Core	0.027	5	13	0.02	123	0.001	<20	0.28	0.005	0.13	0.2	0.04	2.8	0.1	0.08	1	0.7	<0.2
DUP 613354	QC	0.027	5	15	0.02	119	0.001	<20	0.28	0.004	0.13	0.2	0.04	2.7	0.1	0.08	1	1.0	<0.2
Reference Materials																			
STD DS8	Standard	0.081	15	124	0.63	287	0.129	<20	0.94	0.094	0.43	2.9	0.20	2.2	5.2	0.17	5	5.3	4.6
STD DS8	Standard	0.073	17	125	0.63	289	0.107	<20	1.02	0.100	0.43	2.1	0.17	2.2	5.3	0.16	5	4.3	4.6
STD DS8	Standard	0.078	17	117	0.62	304	0.121	<20	0.95	0.094	0.42	2.6	0.20	2.3	5.5	0.17	5	5.0	5.1
STD DS8	Standard	0.077	15	118	0.63	287	0.107	<20	1.03	0.113	0.45	1.8	0.19	2.0	5.0	0.16	5	4.6	5.0
STD DS8	Standard	0.084	18	124	0.63	303	0.121	<20	0.98	0.098	0.44	2.2	0.23	2.1	5.9	0.18	5	5.2	5.0
STD DS8	Standard	0.075	15	119	0.61	290	0.130	<20	0.92	0.089	0.42	2.4	0.20	2.0	5.1	0.16	5	5.2	5.2
STD OREAS45CA	Standard	0.034	17	695	0.15	169	0.157	<20	3.70	0.008	0.07	<0.1	0.03	39.7	<0.1	<0.05	19	<0.5	<0.2
STD OREAS45CA	Standard	0.036	17	764	0.16	165	0.094	<20	4.12	0.009	0.08	<0.1	0.03	37.5	<0.1	<0.05	20	0.9	<0.2
STD OREAS45CA	Standard	0.037	17	760	0.16	167	0.141	<20	4.04	0.008	0.08	<0.1	0.03	39.0	0.1	<0.05	19	<0.5	<0.2
STD OREAS45CA	Standard	0.037	16	643	0.15	162	0.088	<20	3.82	0.007	0.08	<0.1	0.03	35.7	<0.1	<0.05	19	0.7	<0.2
STD OREAS45CA	Standard	0.041	18	771	0.16	173	0.132	<20	4.00	0.005	0.08	<0.1	0.04	38.0	0.1	<0.05	19	<0.5	<0.2
STD OREAS45CA	Standard	0.036	17	602	0.16	160	0.156	<20	3.93	0.013	0.08	<0.1	0.03	35.4	<0.1	<0.05	18	<0.5	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXH82	Standard																		
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Part 1

QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
STD OXH82	Standard	1283																		
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD OXC88 Expected		203																		
STD OXH82 Expected		1278																		
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	0.03	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank	<2																		
BLK	Blank	<2																		
BLK	Blank	<2																		
BLK	Blank	<2																		
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BLK	Blank	<2																		
BLK	Blank	<2																		
BLK	Blank	<2																		
BLK	Blank	<2																		
Prep Wash																				
G1	Prep Blank	<0.01	<2	0.1	6.4	3.9	44	<0.1	2.3	4.2	537	1.84	<0.5	0.5	5.6	61	<0.1	<0.1	<0.1	35
																				0.46



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WHI11001696.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXH82	Standard																		
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OXC88 Expected																			
STD OXH82 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
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BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
BLK	Blank																		
Prep Wash																			
G1	Prep Blank	0.068	13	5	0.48	163	0.138	<20	0.90	0.096	0.48	<0.1	<0.01	2.2	0.3	<0.05	5	<0.5	<0.2



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Project: Sixty Mile
Report Date: November 14, 2011

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QUALITY CONTROL REPORT

WHI11001696.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
G1	Prep Blank	<0.01	<2	<0.1	5.9	3.1	47	<0.1	2.7	4.1	564	1.85	<0.5	<0.5	4.7	73	<0.1	<0.1	<0.1	34	0.49



Acme Analytical Laboratories (Vancouver) Ltd.

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Client:

Radius Gold Inc.

830 - 355 Burrard St.

Vancouver BC V6C 2G8 Canada

Project:

Sixty Mile

Report Date:

November 14, 2011

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Part 2

QUALITY CONTROL REPORT

WHI11001696.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	0.075	11	7	0.52	175	0.143	<20	0.95	0.086	0.50	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2



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Client: Radius Gold Inc.
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Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: September 25, 2011
Report Date: November 07, 2011
Page: 1 of 7

CERTIFICATE OF ANALYSIS

WHI11001722.1

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-27
P.O. Number
Number of Samples: 167

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Simon Ridgway
database backup
Scott Turton

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	161	Crush, split and pulverize 250 g rock to 200 mesh			WHI
3B01	167	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	167	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted. ** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Part 1

CERTIFICATE OF ANALYSIS

WHI11001722.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613673	Drill Core	4.73	11	1.3	49.0	17.8	69	0.9	42.6	13.7	586	2.77	1000	2.9	3.9	50	0.3	1.8	0.2	11
613674	Drill Core	4.47	4	2.5	44.0	21.5	82	0.9	22.9	5.4	164	1.67	311.9	1.1	2.1	53	0.5	1.5	0.2	13
613675	Drill Core	4.68	36	2.4	68.7	15.7	118	1.8	45.0	11.2	1287	2.45	1722	14.7	2.4	66	0.9	3.0	0.3	14
613676	Drill Core	3.82	<2	1.8	53.2	5.8	42	0.3	23.6	8.8	1334	1.86	70.8	0.6	1.9	68	0.3	1.0	0.1	10
613677	Rock Pulp	0.08	2600	23.9	13.6	12.4	35	0.3	19.8	2.7	14	0.89	108.7	1990	3.4	79	0.1	82.8	0.1	59
613678	Drill Core	1.88	<2	1.9	57.3	5.2	81	0.3	37.1	12.9	790	2.35	142.7	4.1	3.7	25	0.3	1.3	0.1	18
613679	Drill Core	2.96	<2	2.0	53.1	10.6	171	0.3	77.6	44.7	1201	4.96	245.1	2.1	2.0	61	0.3	0.6	0.1	82
613680	Drill Core	3.09	3	2.8	78.4	45.8	174	1.0	63.8	15.0	361	3.01	49.7	3.0	4.4	55	0.9	1.0	0.2	18
613681	Drill Core	4.79	<2	1.3	47.5	13.6	95	0.5	39.7	12.1	280	2.60	28.3	2.4	4.4	27	0.3	0.9	0.2	11
613682	Drill Core	5.24	<2	0.9	30.6	17.0	47	0.4	23.7	6.0	160	1.68	23.0	2.8	3.7	18	0.1	0.5	0.2	7
613683	Drill Core	5.06	7	0.6	32.7	38.2	60	0.5	20.1	5.9	170	1.56	54.2	8.8	6.2	20	0.2	0.5	0.5	5
613684	Drill Core	3.86	<2	1.0	26.0	9.1	36	0.3	19.3	6.3	150	1.29	45.2	1.1	3.1	18	0.1	0.5	0.1	6
613685	Drill Core	5.19	17	1.5	56.9	16.9	63	0.8	29.1	8.0	301	2.26	1254	1.9	4.4	49	0.4	0.9	0.2	13
613686	Drill Core	3.91	27	3.1	46.4	13.4	73	0.7	36.4	15.4	1113	3.01	690.8	4.0	4.5	82	0.3	0.9	0.3	8
613687	Rock	2.32	<2	<0.1	2.2	3.0	45	<0.1	2.7	3.9	538	1.87	2.9	0.6	5.1	70	<0.1	<0.1	<0.1	35
613688	Drill Core	5.35	3	0.9	46.9	10.4	79	0.5	40.1	15.2	1379	2.99	220.7	<0.5	7.3	44	0.3	0.5	0.5	7
613689	Drill Core	3.10	33	1.8	41.2	47.8	119	0.9	36.4	8.7	364	1.67	379.9	1.9	6.5	73	0.5	1.1	0.7	9
613690	Drill Core	2.73	2	0.4	10.9	16.4	41	0.2	9.5	7.1	263	0.95	66.1	2.5	15.0	66	0.2	0.2	0.2	<2
613691	Drill Core	2.66	<2	0.5	7.9	5.4	33	0.4	6.0	5.1	300	0.90	88.8	3.0	14.8	83	<0.1	0.2	0.5	<2
613692	Drill Core	2.72	8	0.4	2.9	6.3	36	0.1	5.8	3.0	198	1.06	35.8	3.3	15.1	47	0.3	0.3	<0.1	6
613693	Drill Core	3.76	186	0.2	73.2	77.1	99	2.6	27.1	23.0	946	3.75	875.6	71.7	2.3	305	0.5	0.6	0.2	30
613694	Drill Core	5.36	49	0.7	115.4	13.5	72	2.9	25.2	17.6	1139	4.40	196.8	24.9	0.7	404	0.3	0.5	<0.1	30
613695	Drill Core	3.85	21	0.2	31.6	75.7	33	1.2	5.5	5.3	586	1.52	59.6	13.5	7.4	173	0.3	0.4	0.5	5
613696	Drill Core	5.59	8	0.5	133.9	54.0	98	1.3	25.0	20.8	988	4.12	44.0	5.0	3.4	266	0.5	0.4	<0.1	61
613697	Drill Core	2.80	<2	<0.1	67.0	25.4	96	0.5	36.7	20.6	1078	4.80	29.4	1.3	0.8	222	0.3	0.4	<0.1	76
613698	Drill Core	2.36	<2	<0.1	88.8	26.2	95	0.6	34.4	25.6	988	4.85	32.2	2.1	1.0	218	0.3	0.3	<0.1	83
613699	Drill Core	5.25	3	0.5	130.9	4.4	74	0.4	27.9	26.4	977	5.25	4.8	8.2	0.8	94	<0.1	0.9	<0.1	167
613700	Drill Core	4.94	<2	0.7	91.1	1.6	59	<0.1	15.9	20.1	820	4.03	1.5	1.7	1.0	85	<0.1	0.2	<0.1	89
613701	Drill Core	5.14	5	<0.1	121.2	0.7	59	<0.1	25.4	21.9	725	4.08	1.2	4.7	0.4	110	<0.1	0.3	<0.1	138
613702	Drill Core	4.65	7	<0.1	84.8	1.0	44	<0.1	35.9	19.1	631	3.00	1.4	3.7	0.3	89	<0.1	0.5	<0.1	85



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Project: Sixty Mile
Report Date: November 07, 2011

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CERTIFICATE OF ANALYSIS

WHI11001722.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613673	Drill Core	0.046	8	8	0.29	199	0.001	<20	0.31	0.006	0.20	0.1	0.02	1.3	0.2	0.30	<1	1.3
613674	Drill Core	0.052	6	10	0.02	300	0.002	<20	0.20	0.004	0.13	0.1	0.04	0.8	0.2	0.10	<1	2.2
613675	Drill Core	0.084	6	6	0.36	192	0.002	<20	0.25	0.006	0.16	0.1	0.03	1.4	0.1	0.23	<1	2.9
613676	Drill Core	0.096	6	8	0.69	145	0.002	<20	0.21	0.004	0.13	<0.1	0.02	1.2	0.1	0.14	<1	1.2
613677	Rock Pulp	0.019	12	26	0.03	3348	0.001	<20	0.22	0.003	0.08	10.1	1.79	1.1	2.0	0.09	1	<0.5
613678	Drill Core	0.053	8	10	0.27	212	0.002	<20	0.30	0.005	0.14	<0.1	0.02	1.5	<0.1	0.20	1	1.3
613679	Drill Core	0.061	6	52	1.60	600	<0.001	<20	0.87	0.003	0.15	0.2	0.07	18.6	0.1	0.16	2	0.9
613680	Drill Core	0.057	8	11	0.47	257	0.001	<20	0.36	0.004	0.21	<0.1	0.02	1.6	0.1	0.62	<1	3.5
613681	Drill Core	0.031	9	8	0.40	175	0.001	<20	0.27	0.004	0.18	<0.1	0.01	1.2	<0.1	0.23	<1	1.5
613682	Drill Core	0.022	8	4	0.27	200	<0.001	<20	0.24	0.004	0.16	<0.1	0.01	1.0	0.1	0.36	<1	1.4
613683	Drill Core	0.019	7	5	0.21	183	<0.001	<20	0.26	0.004	0.17	0.1	<0.01	0.9	<0.1	0.21	<1	1.1
613684	Drill Core	0.018	7	3	0.20	120	0.001	<20	0.21	0.004	0.15	<0.1	<0.01	0.8	<0.1	0.23	<1	1.1
613685	Drill Core	0.022	7	8	0.52	171	<0.001	<20	0.24	0.005	0.18	0.1	0.01	1.5	0.1	0.53	<1	1.3
613686	Drill Core	0.053	7	4	0.62	160	0.001	<20	0.28	0.007	0.20	0.2	0.04	1.2	0.2	0.80	<1	1.7
613687	Rock	0.076	11	7	0.48	162	0.126	<20	0.92	0.096	0.48	<0.1	<0.01	1.8	0.3	<0.05	5	<0.5
613688	Drill Core	0.039	12	10	0.76	153	0.001	<20	0.35	0.008	0.23	<0.1	0.02	1.3	0.1	0.43	1	0.9
613689	Drill Core	0.029	8	9	0.27	431	<0.001	<20	0.24	0.005	0.14	<0.1	0.02	0.9	<0.1	0.26	<1	2.0
613690	Drill Core	0.004	18	<1	0.58	189	<0.001	<20	0.32	0.006	0.20	<0.1	<0.01	0.9	<0.1	<0.05	<1	<0.5
613691	Drill Core	0.005	17	2	0.63	160	<0.001	<20	0.42	0.007	0.19	<0.1	<0.01	1.8	<0.1	<0.05	<1	<0.5
613692	Drill Core	0.007	23	<1	0.47	128	<0.001	<20	0.36	0.012	0.19	<0.1	0.01	1.5	<0.1	<0.05	<1	<0.5
613693	Drill Core	0.057	4	10	1.94	263	0.001	<20	0.44	0.007	0.27	<0.1	<0.01	7.3	0.1	0.27	1	<0.5
613694	Drill Core	0.059	2	7	2.01	274	<0.001	<20	0.47	0.006	0.30	<0.1	<0.01	7.5	0.1	0.26	1	<0.5
613695	Drill Core	0.003	6	5	0.99	101	<0.001	<20	0.26	0.003	0.09	<0.1	<0.01	2.8	<0.1	0.09	<1	<0.5
613696	Drill Core	0.054	5	11	1.87	446	0.002	<20	0.49	0.026	0.27	<0.1	<0.01	8.5	0.1	0.29	2	<0.5
613697	Drill Core	0.054	2	26	2.39	365	0.007	<20	0.68	0.021	0.25	<0.1	0.01	8.5	<0.1	0.20	2	<0.5
613698	Drill Core	0.055	3	26	2.42	238	0.007	<20	0.81	0.030	0.30	<0.1	<0.01	8.9	0.1	0.18	3	<0.5
613699	Drill Core	0.069	5	30	2.91	517	0.021	<20	2.64	0.042	0.25	<0.1	<0.01	12.9	<0.1	0.29	8	<0.5
613700	Drill Core	0.060	5	15	2.20	409	0.055	<20	2.10	0.051	0.65	<0.1	<0.01	9.7	0.2	0.08	5	<0.5
613701	Drill Core	0.060	3	33	2.11	281	0.052	<20	2.40	0.070	0.34	<0.1	<0.01	10.5	<0.1	<0.05	7	<0.5
613702	Drill Core	0.045	1	84	2.09	379	0.039	<20	2.13	0.097	0.20	<0.1	<0.01	8.8	<0.1	<0.05	5	<0.5



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		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613703	Drill Core	4.93	<2	<0.1	93.6	1.4	65	<0.1	25.3	22.7	873	4.38	0.8	<0.5	0.8	90	<0.1	0.2	<0.1	130
613704	Drill Core	4.64	3	<0.1	140.8	0.8	64	<0.1	22.9	22.1	738	4.25	1.3	2.9	0.4	61	<0.1	0.4	<0.1	169
613705	Drill Core	6.14	16	<0.1	187.7	1.1	63	<0.1	25.2	23.3	747	4.05	1.0	12.7	0.4	72	<0.1	0.4	<0.1	146
613706	Drill Core	5.20	<2	0.4	135.8	4.3	69	0.1	20.3	22.9	893	4.82	1.8	5.8	0.6	65	<0.1	0.4	<0.1	201
613707	Rock Pulp	0.08	2117	22.7	15.6	16.7	40	0.3	20.3	2.6	16	0.89	116.8	2511	4.3	93	0.3	73.2	0.2	62
613708	Drill Core	5.14	4	0.3	140.5	1.6	74	0.1	30.5	24.8	831	5.00	1.1	2.2	0.5	75	<0.1	0.4	<0.1	195
613709	Drill Core	4.80	8	0.6	164.7	2.5	71	0.2	25.0	24.0	901	4.93	1.6	1.9	1.1	90	0.1	0.2	<0.1	171
613710	Drill Core	5.24	<2	0.2	104.6	2.0	83	0.1	23.2	26.2	806	5.64	1.3	2.0	1.0	71	<0.1	0.2	<0.1	203
613711	Drill Core	4.35	8	<0.1	135.2	3.5	83	0.3	26.0	25.1	1104	5.36	1.1	1.7	0.9	118	<0.1	0.2	<0.1	196
613712	Drill Core	4.74	<2	0.3	6.4	12.7	31	0.1	1.8	2.5	303	0.99	1.6	<0.5	19.8	87	0.1	0.3	0.2	<2
613713	Drill Core	4.82	<2	0.2	3.0	10.4	24	0.1	0.8	0.9	176	0.62	1.1	0.8	17.1	70	0.1	0.2	0.2	<2
613714	Drill Core	4.35	<2	<0.1	2.5	6.0	23	<0.1	0.5	1.4	155	0.63	1.2	<0.5	16.2	69	<0.1	<0.1	0.1	<2
613715	Drill Core	5.05	<2	0.4	4.3	8.8	23	0.1	0.7	1.4	153	0.75	3.9	1.1	17.8	57	0.1	0.1	0.1	<2
613716	Drill Core	4.71	<2	0.2	4.7	17.5	37	0.2	0.9	0.8	155	0.82	1.7	<0.5	16.6	90	<0.1	0.1	0.3	<2
613717	Rock	2.18	<2	<0.1	2.6	3.4	50	<0.1	2.5	4.3	612	2.08	1.4	1.1	6.8	72	<0.1	<0.1	<0.1	41
613718	Drill Core	5.04	<2	0.5	8.2	33.5	46	0.3	1.3	0.6	226	0.86	3.7	1.6	20.7	50	0.3	0.3	0.2	<2
613719	Drill Core	2.78	<2	0.5	5.4	20.8	48	0.1	1.2	1.5	146	0.95	1.7	<0.5	24.5	48	0.1	0.1	0.2	<2
613720	Drill Core	2.91	<2	0.2	6.3	20.9	44	0.2	1.4	1.9	163	0.87	2.3	<0.5	22.9	58	0.2	0.2	0.2	<2
613721	Drill Core	4.91	3	<0.1	100.9	4.3	81	0.2	43.0	24.9	1061	4.80	0.8	2.3	0.9	78	0.1	<0.1	0.1	150
613722	Drill Core	5.18	<2	0.1	115.5	2.5	56	0.1	22.1	14.8	617	3.16	0.7	1.7	5.2	69	<0.1	0.1	<0.1	106
613723	Drill Core	5.38	2	<0.1	106.4	3.6	63	0.2	19.9	19.4	796	4.29	0.8	1.0	4.7	82	0.1	0.1	<0.1	150
613724	Drill Core	5.14	4	0.5	148.4	1.0	64	<0.1	27.8	24.5	1048	5.27	0.9	1.2	1.2	95	<0.1	<0.1	<0.1	187
613725	Drill Core	5.09	4	0.4	185.2	1.2	71	0.4	22.5	24.1	1062	5.20	0.8	2.5	1.2	84	0.1	0.1	<0.1	178
613726	Drill Core	4.79	<2	0.1	130.9	1.3	74	<0.1	36.2	26.7	884	5.23	<0.5	3.7	1.1	96	0.1	<0.1	<0.1	183
613727	Drill Core	2.57	<2	<0.1	51.0	1.9	61	<0.1	32.7	24.9	842	4.97	1.3	1.5	1.1	95	<0.1	<0.1	<0.1	133
613728	Drill Core	2.74	<2	0.1	81.4	2.0	64	0.1	35.4	25.0	861	4.98	0.9	<0.5	1.1	104	<0.1	<0.1	<0.1	131
613729	Drill Core	4.53	<2	2.7	60.4	2.2	51	<0.1	24.0	24.7	859	4.72	0.6	1.2	0.9	105	<0.1	<0.1	<0.1	137
613730	Drill Core	2.02	<2	<0.1	44.2	7.0	57	<0.1	15.5	20.2	894	4.57	2.1	2.8	3.6	127	<0.1	0.1	<0.1	99
613731	Drill Core	4.54	5	0.2	124.3	5.0	58	0.2	10.4	14.4	702	3.53	19.6	5.1	7.2	173	0.1	0.4	<0.1	40
613732	Drill Core	4.37	3	<0.1	15.8	14.5	27	0.1	2.4	1.1	162	0.81	7.6	3.5	23.3	67	<0.1	0.2	0.1	<2



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613703	Drill Core	0.055	4	36	2.73	438	0.052	<20	2.73	0.030	0.65	<0.1	0.02	13.0	<0.1	0.05	7	<0.5
613704	Drill Core	0.066	2	26	2.28	279	0.081	<20	2.59	0.095	0.46	<0.1	0.01	9.7	<0.1	<0.05	8	<0.5
613705	Drill Core	0.061	2	26	2.09	299	0.051	<20	2.26	0.046	0.41	<0.1	0.02	10.2	<0.1	0.06	6	<0.5
613706	Drill Core	0.087	3	23	2.32	254	0.095	<20	2.97	0.111	0.51	<0.1	<0.01	14.6	<0.1	<0.05	10	<0.5
613707	Rock Pulp	0.025	17	27	0.04	3982	0.001	<20	0.30	0.005	0.11	9.5	1.96	1.7	2.4	0.12	1	0.5
613708	Drill Core	0.067	3	42	2.68	197	0.071	<20	2.93	0.076	0.46	<0.1	<0.01	15.0	<0.1	<0.05	10	<0.5
613709	Drill Core	0.083	7	25	2.48	649	0.017	<20	2.76	0.035	0.38	<0.1	0.04	18.3	0.1	0.12	9	0.7
613710	Drill Core	0.068	7	23	2.95	495	0.058	<20	3.31	0.031	0.78	<0.1	0.01	19.8	0.2	<0.05	11	<0.5
613711	Drill Core	0.054	7	33	2.89	546	0.061	<20	2.63	0.039	0.74	<0.1	0.05	22.1	0.3	0.15	10	<0.5
613712	Drill Core	0.005	38	<1	0.90	271	0.001	<20	0.38	0.016	0.24	<0.1	<0.01	1.9	0.1	<0.05	1	0.6
613713	Drill Core	0.002	26	<1	0.54	229	<0.001	<20	0.45	0.033	0.26	<0.1	0.01	1.9	0.1	<0.05	2	0.5
613714	Drill Core	0.002	26	2	0.45	192	<0.001	<20	0.35	0.019	0.22	<0.1	<0.01	1.4	<0.1	<0.05	1	0.6
613715	Drill Core	0.003	27	<1	0.41	281	<0.001	<20	0.42	0.028	0.27	<0.1	<0.01	1.6	0.1	0.16	2	<0.5
613716	Drill Core	0.004	27	2	0.54	252	<0.001	<20	0.34	0.017	0.22	<0.1	<0.01	1.6	<0.1	0.06	1	0.6
613717	Rock	0.077	17	5	0.54	180	0.152	<20	1.16	0.136	0.56	<0.1	<0.01	2.8	0.3	<0.05	5	<0.5
613718	Drill Core	0.011	38	4	0.47	159	<0.001	<20	0.30	0.027	0.23	<0.1	<0.01	1.5	<0.1	0.14	2	0.6
613719	Drill Core	0.003	48	<1	0.40	390	0.002	<20	0.38	0.032	0.23	<0.1	<0.01	1.2	0.1	0.20	2	0.9
613720	Drill Core	0.007	44	2	0.47	294	0.001	<20	0.36	0.032	0.21	<0.1	<0.01	1.1	<0.1	0.09	2	0.5
613721	Drill Core	0.066	6	68	3.22	832	0.153	<20	2.93	0.043	1.68	<0.1	<0.01	16.0	0.4	<0.05	8	<0.5
613722	Drill Core	0.043	13	37	1.89	491	0.078	<20	1.90	0.059	0.72	<0.1	<0.01	9.5	0.1	<0.05	6	<0.5
613723	Drill Core	0.060	14	30	2.58	629	0.096	<20	2.68	0.042	0.94	<0.1	<0.01	13.9	0.2	<0.05	9	<0.5
613724	Drill Core	0.078	8	47	3.18	660	0.103	<20	3.44	0.032	1.04	<0.1	0.01	16.9	<0.1	<0.05	11	<0.5
613725	Drill Core	0.073	9	28	3.03	445	0.052	<20	3.12	0.032	0.59	<0.1	<0.01	17.7	<0.1	0.06	10	<0.5
613726	Drill Core	0.072	8	41	3.57	584	0.026	<20	3.60	0.028	0.35	<0.1	<0.01	17.2	<0.1	<0.05	11	<0.5
613727	Drill Core	0.069	8	44	3.17	773	0.025	<20	2.53	0.030	0.48	<0.1	0.01	18.1	<0.1	0.07	8	<0.5
613728	Drill Core	0.069	8	58	3.35	651	0.022	<20	2.53	0.023	0.43	<0.1	<0.01	18.0	<0.1	0.07	8	<0.5
613729	Drill Core	0.067	7	22	3.02	767	0.031	<20	2.53	0.035	0.63	<0.1	<0.01	17.4	<0.1	<0.05	8	<0.5
613730	Drill Core	0.067	11	13	2.32	938	0.010	<20	0.84	0.024	0.43	<0.1	0.02	15.6	<0.1	0.11	3	<0.5
613731	Drill Core	0.033	11	5	2.19	263	0.002	<20	0.44	0.013	0.26	<0.1	0.01	9.6	0.1	0.38	1	<0.5
613732	Drill Core	0.004	40	3	0.46	375	0.001	<20	0.32	0.023	0.21	<0.1	<0.01	0.8	<0.1	0.23	1	<0.5



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613733	Drill Core	4.76	4	1.9	7.5	12.2	24	0.1	1.1	0.9	161	0.82	12.7	4.5	20.6	33	0.1	0.2	0.1	<2	0.70
613734	Drill Core	4.79	<2	0.3	8.4	15.0	17	0.1	1.0	1.4	143	0.62	4.2	0.9	21.4	30	<0.1	0.1	0.1	<2	0.68
613735	Drill Core	4.80	<2	0.2	6.3	13.7	20	0.1	1.0	1.0	185	0.70	6.3	1.5	21.5	34	0.1	0.2	0.1	<2	0.73
613736	Drill Core	4.19	<2	0.4	6.6	21.6	43	0.2	8.5	3.2	318	1.30	5.2	1.7	20.0	73	0.1	0.1	0.2	3	1.43
613737	Rock Pulp	0.08	2280	23.9	15.2	16.1	41	0.4	20.5	2.8	17	0.92	122.2	2188	4.0	95	0.2	80.4	0.1	63	0.36
613738	Drill Core	4.53	2	0.4	35.6	12.6	100	0.2	28.9	12.2	658	2.94	4.4	1.7	15.6	56	0.2	0.2	0.2	7	0.80
613739	Drill Core	4.72	<2	1.2	43.0	12.0	79	0.3	38.6	12.1	1106	2.54	13.1	1.4	9.4	67	<0.1	0.2	0.2	8	1.05
613740	Drill Core	3.26	41	0.2	27.1	30.5	87	0.5	33.0	14.4	1352	3.87	302.2	39.9	12.3	315	0.3	0.9	0.1	9	3.61
613741	Drill Core	3.11	27	0.6	35.2	36.4	102	0.5	67.2	19.6	1065	3.91	271.3	16.9	11.8	231	0.4	0.7	0.2	14	2.94
613742	Drill Core	3.64	99	1.1	46.8	37.6	64	0.6	30.1	10.4	889	2.23	59.3	148.1	8.4	130	0.2	0.3	0.1	9	1.96
613743	Drill Core	3.20	1061	2.5	52.3	37.9	48	0.9	30.1	11.9	880	2.39	174.0	234.0	5.5	105	0.2	0.3	0.2	12	1.26
613744	Drill Core	4.25	7	1.7	54.2	9.7	70	0.3	31.1	15.3	1124	2.90	6.4	15.6	7.9	48	0.1	0.2	0.2	14	1.27
613745	Drill Core	4.67	6	3.4	62.2	9.7	79	0.4	36.5	16.3	1155	3.19	11.5	8.1	6.9	50	0.2	0.3	0.3	16	1.06
613746	Drill Core	4.82	9	2.1	58.5	4.7	59	0.5	32.7	15.5	1805	2.86	15.0	4.8	3.8	31	<0.1	0.4	0.1	12	0.68
613747	Rock	2.67	<2	<0.1	1.7	3.1	47	<0.1	2.9	4.2	593	2.00	<0.5	1.8	6.0	79	<0.1	<0.1	<0.1	40	0.57
613748	Drill Core	3.22	13	1.5	62.8	9.1	63	0.9	31.8	9.7	514	1.74	42.9	4.0	1.8	31	0.2	0.7	0.1	14	0.72
613749	Drill Core	4.60	2	0.4	97.4	3.1	60	0.2	23.6	19.3	753	4.28	1.8	1.3	5.6	93	<0.1	0.1	<0.1	126	1.73
613750	Drill Core	4.71	5	0.3	176.1	2.0	65	0.1	22.2	24.5	937	5.06	0.7	0.8	0.8	95	<0.1	<0.1	<0.1	151	1.56
613751	Drill Core	4.52	<2	0.7	39.6	6.2	72	<0.1	55.8	18.1	870	3.72	0.9	<0.5	5.8	156	<0.1	0.1	<0.1	65	2.25
613752	Drill Core	5.38	12	0.4	36.1	7.2	58	0.3	23.7	11.2	636	2.54	99.6	18.9	5.4	151	0.2	0.4	<0.1	24	2.42
613753	Drill Core	4.87	7	0.1	75.4	7.4	63	1.0	20.0	14.2	665	2.90	124.6	<0.5	9.2	234	0.3	0.7	<0.1	37	2.42
613754	Drill Core	5.02	23	0.8	54.1	10.3	55	1.0	19.6	14.1	705	3.34	350.4	14.7	7.6	221	0.2	0.4	<0.1	39	2.73
613755	Drill Core	3.25	13	0.4	11.4	17.8	24	0.8	36.1	8.9	462	1.42	317.8	26.9	13.9	211	0.1	0.4	0.1	5	2.15
613756	Drill Core	2.59	24	0.2	92.1	10.8	67	1.3	85.3	22.8	1094	4.39	198.0	162.2	4.1	333	0.1	0.9	<0.1	64	3.68
613757	Drill Core	1.63	1794	<0.1	77.8	3.5	48	15.8	7.2	16.1	1165	4.69	>10000	898.0	0.3	332	0.4	6.1	<0.1	18	4.61
613758	Drill Core	1.53	1422	<0.1	71.5	3.4	30	14.2	6.8	17.6	1142	4.56	>10000	984.2	0.3	319	0.2	6.4	<0.1	14	4.55
613759	Drill Core	2.98	48	0.6	113.1	6.6	82	1.4	28.2	19.9	958	4.80	1218	63.3	2.1	200	0.2	0.5	0.1	45	2.59
613760	Drill Core	4.83	11	0.3	89.6	10.5	76	0.6	25.1	17.5	816	4.14	26.4	27.1	7.3	165	0.1	0.3	<0.1	96	1.90
613761	Drill Core	5.83	<2	1.7	17.4	52.3	46	1.0	12.3	5.8	300	1.25	28.5	15.2	16.3	111	0.2	0.2	0.2	4	1.37
613762	Drill Core	4.84	<2	0.5	18.6	24.1	52	1.0	33.6	7.8	380	1.60	81.1	9.2	18.6	188	0.4	0.3	0.2	4	1.91



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613733	Drill Core	0.004	35	<1	0.29	493	<0.001	<20	0.33	0.030	0.21	<0.1	<0.01	1.0	<0.1	0.36	1	<0.5
613734	Drill Core	0.003	40	3	0.30	182	0.001	<20	0.33	0.029	0.26	<0.1	<0.01	1.0	<0.1	0.16	2	<0.5
613735	Drill Core	0.004	40	<1	0.31	434	<0.001	<20	0.35	0.029	0.28	<0.1	<0.01	0.8	<0.1	0.22	1	<0.5
613736	Drill Core	0.010	38	4	0.74	339	<0.001	<20	0.34	0.013	0.23	<0.1	<0.01	2.0	<0.1	0.17	1	<0.5
613737	Rock Pulp	0.024	16	27	0.04	4428	0.001	<20	0.30	0.004	0.11	10.2	1.90	1.5	2.6	0.12	1	0.7
613738	Drill Core	0.040	36	7	0.91	289	0.002	<20	0.44	0.010	0.27	<0.1	0.01	3.4	0.1	0.24	1	0.6
613739	Drill Core	0.037	20	9	0.94	188	0.004	<20	0.37	0.008	0.25	<0.1	<0.01	2.5	<0.1	0.27	1	0.5
613740	Drill Core	0.041	7	8	1.56	163	0.001	<20	0.37	0.035	0.21	0.1	<0.01	6.8	0.1	1.47	1	1.0
613741	Drill Core	0.027	7	15	1.60	235	0.001	<20	0.46	0.010	0.30	<0.1	0.01	4.8	0.1	1.08	1	1.0
613742	Drill Core	0.016	9	5	0.97	278	<0.001	<20	0.41	0.006	0.26	<0.1	0.02	2.6	<0.1	0.52	1	0.7
613743	Drill Core	0.038	10	8	0.77	366	0.001	<20	0.40	0.007	0.26	<0.1	0.01	2.0	<0.1	0.75	1	1.1
613744	Drill Core	0.057	15	8	1.00	164	0.002	<20	0.57	0.014	0.32	<0.1	0.02	1.6	0.1	1.12	2	1.2
613745	Drill Core	0.057	13	11	1.00	184	0.002	<20	0.45	0.011	0.26	<0.1	0.02	1.7	0.1	1.23	1	1.3
613746	Drill Core	0.054	9	14	0.74	163	0.002	<20	0.36	0.010	0.20	<0.1	0.01	2.0	0.1	0.98	1	2.5
613747	Rock	0.072	14	5	0.57	210	0.128	<20	1.04	0.084	0.49	<0.1	<0.01	1.9	0.3	<0.05	5	<0.5
613748	Drill Core	0.030	5	16	0.40	274	0.002	<20	0.28	0.007	0.14	0.1	0.02	1.2	<0.1	1.13	1	3.0
613749	Drill Core	0.051	12	35	2.64	724	0.057	<20	1.52	0.026	0.90	<0.1	0.01	11.9	0.2	0.06	6	<0.5
613750	Drill Core	0.096	5	39	2.67	602	0.072	<20	1.92	0.054	0.80	<0.1	<0.01	12.4	0.2	0.33	8	0.5
613751	Drill Core	0.054	18	63	2.36	895	0.028	<20	1.29	0.025	0.71	<0.1	0.01	9.3	0.2	0.18	4	<0.5
613752	Drill Core	0.046	12	17	1.30	437	0.017	<20	0.74	0.022	0.50	<0.1	<0.01	4.2	0.2	0.24	3	0.7
613753	Drill Core	0.060	13	13	1.63	287	0.013	<20	0.84	0.021	0.52	<0.1	0.01	4.9	0.2	0.17	3	0.7
613754	Drill Core	0.061	11	13	1.56	546	0.004	<20	0.74	0.013	0.44	<0.1	0.01	5.7	0.2	0.20	3	<0.5
613755	Drill Core	0.034	17	19	0.98	224	0.002	<20	0.45	0.014	0.33	0.1	<0.01	1.5	0.1	0.12	1	<0.5
613756	Drill Core	0.074	7	40	2.20	235	0.007	<20	0.63	0.020	0.35	<0.1	0.01	9.0	0.1	0.13	3	<0.5
613757	Drill Core	0.070	1	<1	1.61	245	0.001	<20	0.43	0.005	0.29	0.2	0.03	4.4	0.2	1.58	1	1.3
613758	Drill Core	0.060	1	1	1.62	237	<0.001	<20	0.34	0.004	0.24	0.3	0.03	3.7	<0.1	1.50	<1	1.3
613759	Drill Core	0.067	4	8	2.01	242	0.002	<20	0.59	0.011	0.35	<0.1	<0.01	6.1	<0.1	0.25	2	<0.5
613760	Drill Core	0.068	15	17	1.87	519	0.026	<20	0.93	0.022	0.55	<0.1	0.01	9.0	0.3	0.09	4	<0.5
613761	Drill Core	0.028	26	5	0.69	362	0.001	<20	0.51	0.009	0.35	<0.1	<0.01	1.3	0.1	0.11	1	<0.5
613762	Drill Core	0.020	28	11	1.15	286	<0.001	<20	0.44	0.010	0.30	<0.1	0.01	1.3	<0.1	0.06	1	<0.5



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613763	Drill Core	5.24	129	0.3	42.3	65.7	102	1.6	51.6	18.4	809	3.97	2591	136.0	4.9	226	0.5	0.5	<0.1	43
613764	Drill Core	4.99	19	0.6	15.3	213.2	58	1.3	14.2	6.6	468	1.56	562.5	8.7	14.2	150	0.4	0.3	0.3	4
613765	Drill Core	5.00	<2	0.4	11.7	21.3	41	0.4	15.0	5.6	358	1.67	33.8	4.5	15.9	119	<0.1	<0.1	0.2	4
613766	Drill Core	2.94	34	0.4	13.5	20.9	54	0.4	4.6	5.5	594	1.87	840.5	65.1	11.3	142	0.2	0.4	<0.1	3
613767	Rock Pulp	0.10	1982	23.6	14.4	17.1	38	0.3	18.2	2.8	17	0.87	109.1	2930	4.4	100	0.2	73.1	0.1	63
613768	Drill Core	5.29	<2	0.6	5.9	25.6	53	0.3	7.1	6.1	418	1.94	14.6	6.0	16.9	106	0.1	0.1	<0.1	5
613769	Drill Core	4.37	<2	0.6	8.4	46.6	80	0.3	8.6	6.1	430	1.95	5.0	3.3	16.6	82	0.2	<0.1	<0.1	8
613770	Drill Core	4.93	<2	0.5	8.6	33.9	53	0.2	5.3	7.0	398	1.91	6.5	2.5	16.7	114	<0.1	<0.1	<0.1	3
613771	Drill Core	4.07	2	1.3	6.9	13.5	39	0.2	4.0	6.2	403	1.84	21.4	9.5	16.0	99	0.1	0.1	<0.1	3
613772	Drill Core	4.12	17	0.5	7.2	69.0	50	0.4	6.9	5.7	426	1.99	41.0	15.9	13.6	157	0.2	0.1	<0.1	3
613773	Drill Core	5.78	8	0.3	5.8	17.2	89	0.4	4.4	3.5	191	0.69	20.0	8.8	18.5	43	0.9	<0.1	0.5	<2
613774	Drill Core	4.73	32	0.4	6.1	13.2	185	0.4	6.6	2.6	204	0.86	573.5	36.8	18.2	61	1.9	<0.1	0.5	<2
613775	Drill Core	4.58	174	0.2	6.7	9.2	29	0.8	2.3	2.0	85	0.77	2091	146.6	21.4	19	0.3	0.1	0.5	<2
613776	Drill Core	3.51	21	0.1	4.0	12.9	52	0.2	0.7	1.4	131	0.70	507.8	42.3	18.5	22	0.4	0.1	0.4	<2
613777	Rock	0.85	<2	<0.1	2.0	3.1	50	<0.1	3.7	4.5	564	1.99	3.4	0.6	5.4	62	<0.1	<0.1	<0.1	38
613778	Drill Core	4.83	118	<0.1	6.5	17.3	381	1.7	0.8	1.3	136	0.76	625.5	156.8	19.7	25	3.9	<0.1	0.9	<2
613779	Drill Core	4.38	20	<0.1	5.9	7.0	11	0.2	0.6	1.3	107	0.62	729.2	15.1	22.9	21	<0.1	0.2	0.3	<2
613780	Drill Core	4.87	13	2.3	3.1	10.7	26	0.2	0.4	0.9	114	0.59	146.7	14.1	20.9	20	0.2	0.1	0.2	<2
613781	Drill Core	4.15	9	9.7	4.0	13.3	8	0.2	0.9	1.6	146	0.70	20.8	8.8	22.6	32	<0.1	<0.1	0.2	<2
613782	Drill Core	3.97	5	10.0	3.1	10.2	5	0.2	0.4	0.8	101	0.49	11.2	5.1	20.1	26	<0.1	0.1	0.2	<2
613783	Drill Core	5.02	25	0.3	10.4	15.7	190	0.5	10.8	2.6	221	1.05	69.3	12.4	16.7	55	2.1	0.3	0.8	2
613784	Drill Core	4.84	8	<0.1	6.1	12.8	6	0.2	0.5	1.5	95	0.49	29.4	7.4	22.9	26	<0.1	<0.1	0.3	<2
613785	Drill Core	5.19	7	<0.1	7.3	11.0	4	0.1	0.7	1.3	120	0.53	13.2	7.5	22.0	30	<0.1	0.1	0.2	<2
613786	Drill Core	4.53	16	0.2	4.0	10.6	3	<0.1	1.5	1.0	108	0.58	18.9	14.9	17.4	22	<0.1	0.1	<0.1	<2
613787	Drill Core	3.10	157	1.2	8.4	256.4	81	10.1	1.2	1.2	101	0.56	12.8	1471	19.2	40	0.9	0.2	16.8	<2
613788	Drill Core	2.83	18	0.9	5.0	11.2	7	0.2	0.6	1.1	110	0.56	42.2	8.7	18.1	40	<0.1	0.2	0.2	<2
613789	Drill Core	3.86	154	0.1	11.4	92.5	73	2.7	2.1	1.3	107	0.62	57.8	130.1	18.7	43	0.6	0.4	4.2	<2
613790	Drill Core	4.34	3	<0.1	7.3	9.2	5	0.1	1.3	1.6	90	0.62	4.9	3.0	20.6	33	<0.1	0.1	0.2	<2
613791	Drill Core	3.48	4	<0.1	10.0	7.7	27	0.2	5.1	4.3	295	1.25	13.3	1.9	16.3	78	0.2	0.1	0.2	2
613792	Drill Core	4.74	151	0.8	18.0	17.5	34	0.4	8.2	5.3	352	1.54	105.6	98.1	13.5	83	0.1	0.3	0.4	4



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Ti	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613763	Drill Core	0.040	7	16	1.83	476	0.002	<20	0.61	0.015	0.37	<0.1	<0.01	6.3	0.2	0.46	2	<0.5
613764	Drill Core	0.018	21	<1	0.91	307	<0.001	<20	0.38	0.009	0.30	<0.1	<0.01	1.3	<0.1	0.13	<1	1.2
613765	Drill Core	0.014	23	5	0.84	328	<0.001	<20	0.44	0.011	0.30	<0.1	<0.01	1.6	<0.1	0.21	1	0.8
613766	Drill Core	0.012	11	3	0.82	299	<0.001	<20	0.30	0.027	0.18	<0.1	<0.01	2.0	<0.1	0.60	<1	<0.5
613767	Rock Pulp	0.026	17	25	0.04	2729	<0.001	<20	0.35	0.006	0.12	8.0	1.69	1.2	2.5	0.11	1	<0.5
613768	Drill Core	0.022	31	5	1.07	348	<0.001	<20	0.43	0.020	0.27	<0.1	<0.01	2.0	<0.1	0.21	1	<0.5
613769	Drill Core	0.033	32	10	0.94	253	0.001	<20	0.38	0.025	0.23	<0.1	0.03	2.5	<0.1	0.11	1	<0.5
613770	Drill Core	0.021	36	3	0.99	931	<0.001	<20	0.45	0.017	0.26	<0.1	0.02	2.2	<0.1	0.11	<1	<0.5
613771	Drill Core	0.016	29	4	0.74	517	<0.001	<20	0.38	0.014	0.24	<0.1	<0.01	1.9	<0.1	0.36	<1	<0.5
613772	Drill Core	0.014	23	3	0.87	361	<0.001	<20	0.50	0.006	0.28	<0.1	<0.01	2.2	0.1	0.68	1	<0.5
613773	Drill Core	0.004	32	2	0.25	916	<0.001	<20	0.37	0.003	0.26	<0.1	0.02	0.5	<0.1	0.31	<1	<0.5
613774	Drill Core	0.004	28	3	0.31	650	<0.001	<20	0.46	0.004	0.31	<0.1	0.03	0.7	<0.1	0.30	1	0.6
613775	Drill Core	0.004	27	3	0.11	352	<0.001	<20	0.37	0.005	0.24	0.1	<0.01	0.3	<0.1	0.49	<1	<0.5
613776	Drill Core	0.005	26	<1	0.16	898	<0.001	<20	0.36	0.004	0.24	0.1	<0.01	0.4	<0.1	0.42	1	<0.5
613777	Rock	0.081	11	9	0.66	229	0.139	<20	1.05	0.091	0.49	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5
613778	Drill Core	0.004	24	<1	0.17	383	<0.001	<20	0.38	0.004	0.27	0.1	0.03	0.4	0.1	0.50	1	<0.5
613779	Drill Core	0.004	32	3	0.14	230	<0.001	<20	0.39	0.024	0.30	<0.1	<0.01	0.5	0.1	0.29	1	0.5
613780	Drill Core	0.003	32	<1	0.15	318	<0.001	<20	0.34	0.019	0.23	<0.1	<0.01	0.5	<0.1	0.31	1	0.5
613781	Drill Core	0.004	35	3	0.17	149	<0.001	<20	0.35	0.016	0.22	<0.1	<0.01	0.6	<0.1	0.28	1	<0.5
613782	Drill Core	0.004	37	<1	0.14	1487	<0.001	<20	0.31	0.021	0.21	<0.1	<0.01	0.5	<0.1	0.19	1	<0.5
613783	Drill Core	0.011	28	8	0.25	330	0.001	<20	0.36	0.016	0.28	<0.1	0.02	1.0	0.2	0.25	1	<0.5
613784	Drill Core	0.006	39	3	0.12	435	<0.001	<20	0.35	0.007	0.25	0.1	<0.01	0.4	<0.1	0.23	1	<0.5
613785	Drill Core	0.008	43	<1	0.15	1110	<0.001	<20	0.36	0.003	0.29	0.2	<0.01	0.4	<0.1	0.20	1	<0.5
613786	Drill Core	0.005	32	4	0.13	139	<0.001	<20	0.31	0.005	0.25	<0.1	<0.01	0.4	<0.1	0.23	1	<0.5
613787	Drill Core	0.004	33	3	0.15	127	<0.001	<20	0.28	0.022	0.22	<0.1	<0.01	0.6	0.1	0.22	1	0.9
613788	Drill Core	0.004	32	<1	0.16	118	<0.001	<20	0.30	0.026	0.23	<0.1	<0.01	0.7	<0.1	0.16	1	<0.5
613789	Drill Core	0.005	26	4	0.16	120	<0.001	<20	0.26	0.037	0.16	<0.1	<0.01	0.9	<0.1	0.28	1	<0.5
613790	Drill Core	0.006	36	<1	0.16	225	<0.001	<20	0.40	0.013	0.26	<0.1	<0.01	0.8	<0.1	0.15	1	<0.5
613791	Drill Core	0.011	31	4	0.37	438	<0.001	<20	0.34	0.008	0.28	<0.1	<0.01	1.4	<0.1	0.13	1	<0.5
613792	Drill Core	0.027	24	3	0.41	285	0.001	<20	0.41	0.009	0.35	<0.1	<0.01	2.0	0.2	0.25	1	<0.5



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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613793	Drill Core	4.68	133	0.2	15.1	11.0	20	0.3	8.6	3.9	334	1.21	170.8	76.3	11.2	66	0.1	0.4	0.2	<2
613794	Drill Core	5.39	<2	<0.1	12.8	11.3	46	0.2	5.8	2.4	407	1.18	5.4	2.6	13.0	66	0.4	0.2	0.2	<2
613795	Drill Core	4.21	125	<0.1	9.3	90.2	16	1.5	2.9	1.6	369	0.91	220.7	246.7	12.3	66	0.1	0.2	2.7	<2
613796	Drill Core	4.77	11	0.1	12.4	15.9	32	0.3	9.4	3.6	452	1.62	6.3	2.6	11.6	101	0.2	0.2	0.3	4
613797	Rock Pulp	0.05	2215	24.6	15.6	17.0	42	0.4	20.7	3.0	18	0.93	122.8	3178	4.5	97	0.3	77.9	0.1	63
613798	Drill Core	4.63	9	0.1	10.6	18.5	78	0.2	6.3	4.3	418	1.81	10.0	1.4	11.0	108	0.4	0.2	0.2	7
613799	Drill Core	5.03	23	0.8	9.6	8.5	27	0.2	1.4	2.3	275	1.75	32.5	18.6	8.3	56	0.2	0.4	0.1	<2
613800	Drill Core	4.90	3	4.8	13.6	13.3	54	0.3	6.3	3.2	370	1.87	11.2	3.1	8.8	74	0.2	0.4	0.3	3
613801	Drill Core	4.73	6	0.6	27.9	13.4	22	0.3	1.4	2.6	293	2.22	3.3	3.1	9.1	45	<0.1	0.3	0.1	2
613802	Drill Core	5.87	<2	2.8	10.2	20.8	85	0.3	13.9	8.9	595	2.77	19.1	0.9	9.9	68	0.3	0.2	0.3	18
613803	Drill Core	5.17	<2	7.1	17.2	10.4	57	0.3	9.5	5.3	462	2.40	5.4	0.8	15.7	63	0.2	0.3	0.3	8
613804	Drill Core	5.18	<2	0.4	16.3	12.6	63	0.3	14.1	8.1	467	2.00	13.1	0.7	9.6	64	0.3	0.2	0.3	14
613805	Drill Core	4.27	163	0.3	10.6	33.1	81	0.4	8.5	3.4	296	1.19	978.1	114.9	19.1	47	0.7	0.4	0.4	3
613806	Drill Core	4.67	124	0.2	16.8	14.0	32	0.4	11.2	5.9	350	1.71	266.2	254.1	15.0	57	0.2	0.3	0.3	4
613807	Rock	2.63	<2	0.1	1.7	3.0	49	<0.1	3.6	4.6	562	1.95	0.8	2.4	6.8	67	<0.1	<0.1	<0.1	37
613808	Drill Core	3.56	56	0.2	10.7	4.0	13	0.2	3.9	2.0	358	1.20	5.3	44.9	12.8	58	<0.1	0.1	0.2	<2
613809	Drill Core	4.93	232	0.2	30.2	7.0	11	0.6	7.4	3.4	340	1.70	470.3	230.7	13.7	64	<0.1	0.5	0.2	<2
613810	Drill Core	3.20	20	<0.1	14.5	3.4	12	0.2	4.2	1.8	375	1.17	193.1	30.2	13.8	65	<0.1	0.1	0.1	<2
613811	Drill Core	3.34	1395	0.2	13.3	4.8	14	0.2	4.3	2.4	346	1.22	563.4	113.0	12.2	59	<0.1	0.2	0.2	2
613812	Drill Core	4.16	14	0.2	12.0	5.1	11	0.1	6.3	2.6	517	1.16	4.8	8.7	11.1	105	<0.1	0.2	0.2	<2
613813	Drill Core	4.12	14	0.4	10.3	23.1	43	0.3	6.6	2.8	430	1.32	24.3	15.7	10.4	101	0.3	0.2	0.2	<2
613814	Drill Core	3.03	31	0.1	9.8	38.3	36	0.4	4.9	2.5	248	1.08	215.5	28.8	18.4	60	0.2	0.3	0.4	<2
613815	Drill Core	4.43	54	<0.1	10.7	19.3	16	0.3	0.6	0.6	119	0.90	174.7	49.5	18.3	28	<0.1	0.2	0.2	<2
613816	Drill Core	4.32	162	0.1	7.4	14.2	7	0.2	0.7	0.7	83	0.67	776.4	137.4	18.7	19	<0.1	0.2	0.2	<2
613817	Drill Core	2.30	134	0.2	6.6	16.1	5	0.3	0.5	1.2	112	0.70	2344	145.8	19.6	23	<0.1	0.5	0.4	<2
613818	Drill Core	2.68	188	0.3	7.2	20.1	6	0.5	1.0	1.4	112	0.68	2233	387.3	18.4	24	<0.1	0.4	0.4	<2
613819	Drill Core	4.88	33	4.6	9.2	13.4	16	0.2	1.1	1.1	189	0.74	421.2	80.6	16.8	42	<0.1	0.2	0.2	<2
613820	Drill Core	4.77	162	0.9	12.1	23.3	82	0.4	6.3	2.4	302	1.27	745.5	201.8	14.1	78	0.7	0.4	0.2	2
613821	Drill Core	5.73	172	0.2	16.6	36.5	164	0.5	12.4	4.6	358	1.70	1084	107.3	13.8	94	1.2	0.3	0.5	5
613822	Drill Core	4.53	20	0.2	11.0	12.6	31	0.2	3.5	2.1	286	0.90	149.7	19.4	16.7	42	0.1	0.3	0.2	<2



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Sixty Mile

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Part 2

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613793	Drill Core	0.030	21	4	0.26	322	0.001	<20	0.34	0.010	0.32	<0.1	<0.01	1.4	0.2	0.46	1	0.6
613794	Drill Core	0.045	29	2	0.20	240	0.002	<20	0.39	0.016	0.31	<0.1	0.01	1.6	0.2	0.17	2	<0.5
613795	Drill Core	0.014	27	3	0.20	275	<0.001	<20	0.33	0.010	0.29	<0.1	<0.01	1.2	<0.1	0.24	1	0.5
613796	Drill Core	0.016	25	4	0.42	361	0.001	<20	0.43	0.012	0.32	<0.1	<0.01	2.6	0.1	0.14	2	<0.5
613797	Rock Pulp	0.026	17	28	0.05	4018	0.001	<20	0.31	0.005	0.11	10.7	1.94	1.6	2.5	0.12	2	0.5
613798	Drill Core	0.026	21	6	0.48	342	0.001	<20	0.40	0.014	0.28	<0.1	<0.01	3.8	0.1	0.18	2	0.6
613799	Drill Core	0.018	17	<1	0.26	181	<0.001	<20	0.30	0.027	0.19	<0.1	<0.01	2.7	<0.1	0.66	<1	<0.5
613800	Drill Core	0.024	17	7	0.34	316	<0.001	<20	0.27	0.029	0.18	<0.1	<0.01	3.5	<0.1	0.45	1	<0.5
613801	Drill Core	0.014	17	<1	0.25	216	<0.001	<20	0.29	0.047	0.17	<0.1	<0.01	3.6	<0.1	0.71	1	<0.5
613802	Drill Core	0.071	22	8	0.55	273	0.004	<20	0.43	0.009	0.34	<0.1	<0.01	5.5	0.2	0.07	2	<0.5
613803	Drill Core	0.034	32	4	0.48	233	0.004	<20	0.46	0.013	0.37	<0.1	0.01	4.3	0.2	0.15	2	<0.5
613804	Drill Core	0.041	20	10	0.40	217	0.003	<20	0.36	0.009	0.30	<0.1	<0.01	4.5	0.1	0.15	2	<0.5
613805	Drill Core	0.018	38	2	0.16	216	0.002	<20	0.42	0.023	0.34	<0.1	<0.01	1.2	0.2	0.32	2	0.7
613806	Drill Core	0.018	28	4	0.16	247	0.002	<20	0.38	0.026	0.29	<0.1	<0.01	1.8	0.3	0.51	2	0.7
613807	Rock	0.081	11	6	0.61	232	0.147	<20	1.05	0.101	0.50	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5
613808	Drill Core	0.014	26	<1	0.15	178	0.001	<20	0.29	0.030	0.23	<0.1	0.02	1.7	0.2	0.38	1	0.5
613809	Drill Core	0.015	21	1	0.17	257	0.001	<20	0.35	0.042	0.23	0.1	<0.01	1.6	0.1	1.09	1	0.7
613810	Drill Core	0.015	30	3	0.15	252	0.001	<20	0.31	0.021	0.26	<0.1	<0.01	1.4	<0.1	0.37	1	0.8
613811	Drill Core	0.012	27	1	0.13	209	0.001	<20	0.32	0.037	0.25	<0.1	0.02	1.5	0.2	0.36	1	0.6
613812	Drill Core	0.010	19	4	0.15	188	0.001	<20	0.33	0.020	0.28	<0.1	<0.01	1.4	<0.1	0.52	<1	<0.5
613813	Drill Core	0.011	17	3	0.33	212	<0.001	<20	0.34	0.010	0.28	<0.1	<0.01	1.4	<0.1	0.37	<1	<0.5
613814	Drill Core	0.006	21	3	0.20	385	<0.001	<20	0.28	0.014	0.24	<0.1	<0.01	0.7	<0.1	0.62	<1	0.6
613815	Drill Core	0.003	25	<1	0.08	415	<0.001	<20	0.27	0.024	0.22	<0.1	<0.01	0.3	<0.1	0.73	<1	0.6
613816	Drill Core	0.003	28	3	0.05	159	<0.001	<20	0.24	0.031	0.19	<0.1	0.01	0.3	<0.1	0.51	<1	<0.5
613817	Drill Core	0.003	23	<1	0.03	321	<0.001	<20	0.28	0.037	0.25	<0.1	<0.01	0.3	0.1	0.44	<1	1.1
613818	Drill Core	0.003	21	3	0.04	282	<0.001	<20	0.24	0.031	0.23	<0.1	0.01	0.3	<0.1	0.47	<1	<0.5
613819	Drill Core	0.007	25	<1	0.07	150	<0.001	<20	0.32	0.025	0.26	<0.1	<0.01	0.6	<0.1	0.40	<1	0.7
613820	Drill Core	0.014	20	4	0.24	263	<0.001	<20	0.31	0.015	0.27	<0.1	<0.01	1.0	<0.1	0.42	<1	0.7
613821	Drill Core	0.022	20	6	0.33	294	0.001	<20	0.39	0.015	0.32	<0.1	<0.01	1.6	0.1	0.51	1	0.5
613822	Drill Core	0.010	29	2	0.09	207	0.001	<20	0.34	0.031	0.29	<0.1	<0.01	0.8	<0.1	0.31	1	<0.5



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Report Date: November 07, 2011

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CERTIFICATE OF ANALYSIS

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	Method	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
	Unit	kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613823	Drill Core	4.85	46	0.2	20.6	57.6	100	0.7	11.0	5.2	562	1.93	390.2	26.7	10.0	116	0.6	0.3	0.8	4
613824	Drill Core	4.33	646	0.6	14.4	20.8	46	0.4	7.5	4.4	327	1.64	205.4	165.4	11.6	75	0.3	0.2	0.3	2
613825	Drill Core	4.54	6	0.1	16.1	18.3	26	0.3	5.5	2.5	201	1.21	12.8	11.8	14.3	60	0.2	0.2	0.4	<2
613826	Drill Core	4.76	37	0.4	22.6	19.4	31	0.4	10.5	3.5	231	1.46	79.6	66.4	16.0	54	0.2	0.2	0.5	2
613827	Rock Pulp	0.08	2380	21.5	13.0	14.8	35	0.3	18.0	2.3	15	0.86	102.6	2093	3.9	93	0.3	68.4	0.1	63
613828	Drill Core	5.01	14	0.2	10.7	19.0	36	0.2	7.9	3.3	234	1.18	12.0	16.0	14.7	58	0.1	0.2	0.2	4
613829	Drill Core	4.72	15	0.1	7.0	11.7	22	0.1	1.8	1.8	140	0.98	90.1	6.9	13.4	37	0.1	0.1	0.1	<2
613830	Drill Core	4.67	115	<0.1	33.8	14.6	51	0.5	11.9	7.4	417	1.39	122.4	4.7	11.6	155	0.3	0.2	0.2	7
613831	Drill Core	4.52	<2	0.1	39.7	9.6	55	0.5	16.7	8.6	635	2.05	3.8	1.4	15.8	138	0.1	0.2	0.2	22
613832	Drill Core	5.40	<2	<0.1	7.3	9.1	34	0.2	7.3	2.7	232	1.14	2.6	<0.5	12.0	58	0.1	0.1	0.2	6
613833	Drill Core	5.05	<2	<0.1	6.4	8.3	31	0.1	5.1	2.4	240	1.21	2.5	3.1	14.9	57	0.1	0.2	0.2	4
613834	Drill Core	4.99	27	0.2	6.1	11.5	28	0.2	1.2	0.9	138	0.69	57.6	8.8	13.9	57	0.1	0.1	0.2	<2
613835	Drill Core	4.21	<2	<0.1	5.7	15.0	19	0.1	0.9	1.3	108	0.61	5.1	1.0	15.2	56	<0.1	<0.1	0.2	<2
613836	Drill Core	5.09	10	0.6	4.5	11.1	6	0.1	0.7	1.0	149	0.46	19.9	9.9	13.2	61	<0.1	0.1	<0.1	<2
613837	Drill Core	3.00	<2	<0.1	1.7	3.1	48	<0.1	3.6	4.2	554	1.96	0.7	0.6	5.5	74	<0.1	<0.1	<0.1	38
613838	Drill Core	3.31	14	<0.1	6.9	33.1	156	0.3	1.9	1.2	203	0.88	22.5	14.3	10.7	69	1.3	0.1	0.3	<2
613839	Drill Core	4.23	54	0.1	4.5	19.3	50	0.2	1.3	1.2	150	0.71	267.3	22.3	10.3	49	0.4	0.2	0.2	<2



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	Method	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
	Analyte	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se
	Unit	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm
	MDL	0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5
613823	Drill Core	0.041	17	5	0.37	468	0.001	<20	0.37	0.008	0.31	<0.1	0.01	2.1	<0.1	0.37	<1	0.5
613824	Drill Core	0.019	19	1	0.30	437	<0.001	<20	0.33	0.005	0.27	<0.1	0.02	1.7	<0.1	0.50	<1	0.8
613825	Drill Core	0.002	27	4	0.20	141	<0.001	<20	0.26	0.014	0.22	<0.1	<0.01	1.0	<0.1	0.38	<1	<0.5
613826	Drill Core	0.003	26	5	0.20	155	<0.001	<20	0.29	0.020	0.25	<0.1	0.02	1.2	<0.1	0.50	1	0.7
613827	Rock Pulp	0.023	15	23	0.04	2899	<0.001	<20	0.28	0.004	0.11	8.1	1.66	1.2	2.2	0.11	1	<0.5
613828	Drill Core	0.009	29	3	0.20	210	0.001	<20	0.29	0.024	0.24	<0.1	<0.01	1.2	<0.1	0.22	1	<0.5
613829	Drill Core	0.004	31	4	0.18	160	<0.001	<20	0.26	0.040	0.22	<0.1	<0.01	1.3	<0.1	0.16	<1	<0.5
613830	Drill Core	0.021	24	9	0.62	265	0.002	<20	0.42	0.013	0.38	<0.1	0.02	2.1	0.1	0.09	1	<0.5
613831	Drill Core	0.026	35	17	0.60	406	0.007	<20	0.69	0.018	0.49	<0.1	0.03	4.7	0.2	0.10	3	<0.5
613832	Drill Core	0.009	26	11	0.24	292	0.001	<20	0.34	0.019	0.28	<0.1	0.02	1.9	<0.1	0.08	1	<0.5
613833	Drill Core	0.006	40	4	0.20	241	0.002	<20	0.35	0.030	0.28	<0.1	<0.01	2.1	<0.1	0.10	1	0.6
613834	Drill Core	0.003	34	4	0.17	194	<0.001	<20	0.23	0.026	0.21	<0.1	<0.01	1.2	<0.1	0.09	<1	<0.5
613835	Drill Core	0.004	37	<1	0.19	445	<0.001	<20	0.32	0.020	0.24	<0.1	<0.01	1.2	<0.1	0.12	<1	<0.5
613836	Drill Core	0.004	35	4	0.10	1257	<0.001	<20	0.29	0.006	0.23	<0.1	0.01	0.7	<0.1	0.23	<1	<0.5
613837	Drill Core	0.079	11	9	0.58	226	0.130	<20	1.03	0.100	0.50	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5
613838	Drill Core	0.011	25	<1	0.26	318	<0.001	<20	0.36	0.010	0.27	<0.1	0.02	1.1	<0.1	0.32	<1	<0.5
613839	Drill Core	0.006	24	5	0.18	301	<0.001	<20	0.32	0.014	0.27	<0.1	0.01	0.8	<0.1	0.24	<1	<0.5



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Part 1

QUALITY CONTROL REPORT

WHI11001722.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
613685	Drill Core	5.19	17	1.5	56.9	16.9	63	0.8	29.1	8.0	301	2.26	1254	1.9	4.4	49	0.4	0.9	0.2	13
REP 613685	QC	16																		
613697	Drill Core	2.80	<2	<0.1	67.0	25.4	96	0.5	36.7	20.6	1078	4.80	29.4	1.3	0.8	222	0.3	0.4	<0.1	76
REP 613697	QC	<2																		
613702	Drill Core	4.65	7	<0.1	84.8	1.0	44	<0.1	35.9	19.1	631	3.00	1.4	3.7	0.3	89	<0.1	0.5	<0.1	85
REP 613702	QC	<0.1 88.4 1.1 46 <0.1 37.3 20.0 646 3.04 1.6 3.6 0.2 90 <0.1 0.5 <0.1 86																		
613713	Drill Core	4.82	<2	0.2	3.0	10.4	24	0.1	0.8	0.9	176	0.62	1.1	0.8	17.1	70	0.1	0.2	0.2	<2
REP 613713	QC	<2																		
613727	Drill Core	2.57	<2	<0.1	51.0	1.9	61	<0.1	32.7	24.9	842	4.97	1.3	1.5	1.1	95	<0.1	<0.1	<0.1	133
REP 613727	QC	0.1 52.2 1.9 61 <0.1 32.9 24.9 845 4.97 1.1 1.4 1.2 96 <0.1 <0.1 <0.1 131																		
613765	Drill Core	5.00	<2	0.4	11.7	21.3	41	0.4	15.0	5.6	358	1.67	33.8	4.5	15.9	119	<0.1	<0.1	0.2	4
REP 613765	QC	<2																		
613767	Rock Pulp	0.10	1982	23.6	14.4	17.1	38	0.3	18.2	2.8	17	0.87	109.1	2930	4.4	100	0.2	73.1	0.1	63
REP 613767	QC	22.8 14.6 16.7 38 0.3 19.6 3.2 17 0.89 110.4 3097 4.5 99 0.2 70.2 0.1 63																		
613792	Drill Core	4.74	151	0.8	18.0	17.5	34	0.4	8.2	5.3	352	1.54	105.6	98.1	13.5	83	0.1	0.3	0.4	4
REP 613792	QC	0.8 17.1 17.1 33 0.5 8.1 5.2 337 1.51 94.5 122.7 12.9 78 0.1 0.4 0.3 4																		
613793	Drill Core	4.68	133	0.2	15.1	11.0	20	0.3	8.6	3.9	334	1.21	170.8	76.3	11.2	66	0.1	0.4	0.2	<2
REP 613793	QC	143																		
REP 613821	QC	317																		
Core Reject Duplicates																				
613681	Drill Core	4.79	<2	1.3	47.5	13.6	95	0.5	39.7	12.1	280	2.60	28.3	2.4	4.4	27	0.3	0.9	0.2	11
DUP 613681	QC	<2 0.8 44.2 12.1 89 0.4 38.5 11.9 294 2.74 31.3 2.1 4.7 25 0.3 0.9 <0.1 11																		
613716	Drill Core	4.71	<2	0.2	4.7	17.5	37	0.2	0.9	0.8	155	0.82	1.7	<0.5	16.6	90	<0.1	0.1	0.3	<2
DUP 613716	QC	<2 0.3 3.4 14.5 41 0.1 0.8 0.8 154 0.85 1.5 0.6 16.8 73 <0.1 0.1 0.1 <2																		
613751	Drill Core	4.52	<2	0.7	39.6	6.2	72	<0.1	55.8	18.1	870	3.72	0.9	<0.5	5.8	156	<0.1	0.1	<0.1	65
DUP 613751	QC	<2 0.6 51.8 6.4 74 <0.1 58.4 18.2 852 3.76 1.6 <0.5 6.5 152 <0.1 <0.1 <0.1 64																		
613786	Drill Core	4.53	16	0.2	4.0	10.6	3	<0.1	1.5	1.0	108	0.58	18.9	14.9	17.4	22	<0.1	0.1	<0.1	<2
DUP 613786	QC	12 0.2 4.0 9.9 3 0.1 1.4 1.0 99 0.52 19.1 11.6 18.3 21 <0.1 0.1 <0.1 <2																		



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Part 2

QUALITY CONTROL REPORT

WHI11001722.1

	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																			
613685	Drill Core	0.022	7	8	0.52	171	<0.001	<20	0.24	0.005	0.18	0.1	0.01	1.5	0.1	0.53	<1	1.3	<0.2
REP 613685	QC																		
613697	Drill Core	0.054	2	26	2.39	365	0.007	<20	0.68	0.021	0.25	<0.1	0.01	8.5	<0.1	0.20	2	<0.5	<0.2
REP 613697	QC																		
613702	Drill Core	0.045	1	84	2.09	379	0.039	<20	2.13	0.097	0.20	<0.1	<0.01	8.8	<0.1	<0.05	5	<0.5	<0.2
REP 613702	QC	0.045	1	86	2.10	373	0.039	<20	2.16	0.098	0.20	<0.1	<0.01	8.8	<0.1	<0.05	5	<0.5	<0.2
613713	Drill Core	0.002	26	<1	0.54	229	<0.001	<20	0.45	0.033	0.26	<0.1	0.01	1.9	0.1	<0.05	2	0.5	<0.2
REP 613713	QC																		
613727	Drill Core	0.069	8	44	3.17	773	0.025	<20	2.53	0.030	0.48	<0.1	0.01	18.1	<0.1	0.07	8	<0.5	<0.2
REP 613727	QC	0.070	8	44	3.14	755	0.024	<20	2.54	0.029	0.48	<0.1	0.01	17.3	<0.1	0.06	8	<0.5	<0.2
613765	Drill Core	0.014	23	5	0.84	328	<0.001	<20	0.44	0.011	0.30	<0.1	<0.01	1.6	<0.1	0.21	1	0.8	<0.2
REP 613765	QC																		
613767	Rock Pulp	0.026	17	25	0.04	2729	<0.001	<20	0.35	0.006	0.12	8.0	1.69	1.2	2.5	0.11	1	<0.5	0.2
REP 613767	QC	0.026	18	25	0.05	2539	<0.001	<20	0.35	0.010	0.12	7.8	1.72	1.3	2.6	0.11	1	<0.5	0.3
613792	Drill Core	0.027	24	3	0.41	285	0.001	<20	0.41	0.009	0.35	<0.1	<0.01	2.0	0.2	0.25	1	<0.5	<0.2
REP 613792	QC	0.026	24	3	0.39	280	0.001	<20	0.38	0.009	0.33	<0.1	<0.01	1.9	0.1	0.24	1	<0.5	<0.2
613793	Drill Core	0.030	21	4	0.26	322	0.001	<20	0.34	0.010	0.32	<0.1	<0.01	1.4	0.2	0.46	1	0.6	<0.2
REP 613793	QC																		
REP 613821	QC																		
Core Reject Duplicates																			
613681	Drill Core	0.031	9	8	0.40	175	0.001	<20	0.27	0.004	0.18	<0.1	0.01	1.2	<0.1	0.23	<1	1.5	<0.2
DUP 613681	QC	0.030	9	9	0.45	166	0.001	<20	0.28	0.005	0.19	<0.1	0.01	1.3	0.1	0.25	<1	0.8	<0.2
613716	Drill Core	0.004	27	2	0.54	252	<0.001	<20	0.34	0.017	0.22	<0.1	<0.01	1.6	<0.1	0.06	1	0.6	<0.2
DUP 613716	QC	0.004	27	2	0.53	272	<0.001	<20	0.37	0.016	0.25	<0.1	<0.01	1.7	<0.1	0.05	2	<0.5	<0.2
613751	Drill Core	0.054	18	63	2.36	895	0.028	<20	1.29	0.025	0.71	<0.1	0.01	9.3	0.2	0.18	4	<0.5	<0.2
DUP 613751	QC	0.054	18	63	2.35	858	0.028	<20	1.30	0.024	0.73	<0.1	<0.01	8.9	0.2	0.21	4	<0.5	<0.2
613786	Drill Core	0.005	32	4	0.13	139	<0.001	<20	0.31	0.005	0.25	<0.1	<0.01	0.4	<0.1	0.23	1	<0.5	<0.2
DUP 613786	QC	0.005	32	4	0.13	191	<0.001	<20	0.29	0.005	0.23	<0.1	<0.01	0.5	<0.1	0.26	1	<0.5	<0.2



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Part 1

QUALITY CONTROL REPORT

WHI11001722.1

		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
613821	Drill Core	5.73	172	0.2	16.6	36.5	164	0.5	12.4	4.6	358	1.70	1084	107.3	13.8	94	1.2	0.3	0.5	5	1.06
DUP 613821	QC		99	0.1	14.9	37.5	183	0.5	10.6	4.8	346	1.60	1149	69.7	13.8	88	1.4	0.4	0.5	4	1.03
Reference Materials																					
STD DS8	Standard			13.5	110.6	122.9	300	1.8	36.4	7.7	594	2.50	24.8	104.3	7.1	67	2.5	5.1	6.8	42	0.72
STD DS8	Standard			15.0	116.0	130.4	317	1.8	40.2	8.0	616	2.53	26.2	94.2	7.3	69	2.5	5.1	7.0	43	0.72
STD DS8	Standard			12.6	111.9	126.8	305	1.7	38.9	7.8	597	2.49	23.2	119.8	6.5	61	2.1	4.6	6.3	40	0.67
STD DS8	Standard			13.1	107.5	128.2	313	1.9	37.5	7.8	604	2.44	25.8	111.5	7.4	73	2.2	4.9	6.9	42	0.71
STD DS8	Standard			15.4	110.0	128.2	328	1.7	37.6	7.5	632	2.53	24.4	121.1	7.3	70	2.3	4.3	6.1	44	0.74
STD OREAS45CA	Standard			0.9	501.7	21.3	59	0.3	241.3	89.9	893	15.59	4.0	43.0	7.1	15	<0.1	<0.1	0.2	200	0.44
STD OREAS45CA	Standard			0.8	499.5	20.0	59	0.3	242.1	87.6	891	15.34	4.1	41.1	6.8	15	0.2	<0.1	0.2	197	0.43
STD OREAS45CA	Standard			0.8	464.5	19.0	56	0.3	220.5	85.2	819	14.20	3.3	37.0	6.2	14	<0.1	0.1	0.2	188	0.37
STD OREAS45CA	Standard			0.8	517.0	20.8	65	0.3	257.5	87.0	922	15.69	4.1	51.7	7.3	16	<0.1	<0.1	0.2	207	0.43
STD OREAS45CA	Standard			0.8	531.0	22.4	67	0.3	266.4	93.0	946	16.66	6.4	63.8	7.9	15	<0.1	<0.1	0.2	210	0.44
STD OXC88	Standard		197																		
STD OXC88	Standard		205																		
STD OXC88	Standard		212																		
STD OXC88	Standard		217																		
STD OXC88	Standard		199																		
STD OXC88	Standard		189																		
STD OXC88	Standard		199																		
STD OXC88	Standard		217																		
STD OXC88	Standard		194																		
STD OXH82	Standard		1397																		
STD OXH82	Standard		1276																		
STD OXH82	Standard		1363																		
STD OXH82	Standard		1309																		
STD OXH82	Standard		1283																		
STD OXH82	Standard		1306																		
STD OXH82	Standard		1361																		



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Part 2

QUALITY CONTROL REPORT

WHI11001722.1

		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
613821	Drill Core	0.022	20	6	0.33	294	0.001	<20	0.39	0.015	0.32	<0.1	<0.01	1.6	0.1	0.51	1	0.5	<0.2
DUP 613821	QC	0.020	20	6	0.31	280	0.001	<20	0.38	0.016	0.32	<0.1	0.01	1.5	<0.1	0.49	1	0.7	<0.2
Reference Materials																			
STD DS8	Standard	0.079	16	113	0.60	291	0.124	<20	0.95	0.101	0.42	2.5	0.19	2.4	5.4	0.16	5	5.4	5.3
STD DS8	Standard	0.081	16	116	0.61	308	0.121	<20	0.98	0.106	0.43	2.6	0.20	2.5	5.8	0.17	5	5.7	5.3
STD DS8	Standard	0.076	12	119	0.60	276	0.109	<20	0.87	0.085	0.40	2.6	0.19	1.8	5.3	0.16	4	5.1	4.2
STD DS8	Standard	0.076	15	115	0.60	291	0.112	<20	0.94	0.099	0.42	2.5	0.18	2.0	5.2	0.17	5	5.0	5.0
STD DS8	Standard	0.078	17	118	0.63	294	0.110	<20	0.96	0.091	0.43	1.9	0.21	2.1	5.4	0.17	5	5.7	5.4
STD OREAS45CA	Standard	0.040	16	653	0.17	161	0.150	<20	3.74	0.016	0.08	<0.1	0.03	45.1	<0.1	<0.05	18	1.2	<0.2
STD OREAS45CA	Standard	0.039	17	651	0.17	170	0.139	<20	3.96	0.016	0.08	<0.1	0.03	42.8	<0.1	<0.05	18	1.0	<0.2
STD OREAS45CA	Standard	0.033	15	638	0.12	142	0.121	<20	3.17	0.014	0.07	<0.1	0.03	32.9	<0.1	<0.05	16	<0.5	<0.2
STD OREAS45CA	Standard	0.039	16	646	0.17	158	0.131	<20	3.84	0.010	0.08	<0.1	0.04	38.4	<0.1	<0.05	18	0.9	<0.2
STD OREAS45CA	Standard	0.039	17	701	0.16	176	0.121	<20	4.06	0.005	0.08	<0.1	0.03	39.8	<0.1	<0.05	19	<0.5	<0.2
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
STD OXC88	Standard																		
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QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OXH82	Standard		1387																		
STD OXH82	Standard		1295																		
STD DS8 Expected				13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7
STD OREAS45CA Expected				1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265
STD OXC88 Expected			203																		
STD OXH82 Expected			1278																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
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BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
STD OXH82	Standard																		
STD OXH82	Standard																		
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5	
STD OXC88 Expected																			
STD OXH82 Expected																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	0.007	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank																		
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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
G1	Prep Blank		<2	0.2	3.3	3.0	46	<0.1	4.6	4.2	551	1.84	<0.5	1.0	6.3	60	<0.1	<0.1	<0.1	33	0.54
G1	Prep Blank		<2	<0.1	1.8	2.8	48	<0.1	3.4	4.7	560	1.91	<0.5	<0.5	5.1	53	<0.1	<0.1	<0.1	36	0.44



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Tl ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
G1	Prep Blank	0.079	9	7	0.58	196	0.123	<20	0.87	0.078	0.45	<0.1	<0.01	1.6	0.3	<0.05	4	<0.5	<0.2
G1	Prep Blank	0.082	9	7	0.57	204	0.129	<20	0.91	0.082	0.49	<0.1	<0.01	1.6	0.3	<0.05	5	<0.5	<0.2



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Acme Analytical Laboratories (Vancouver) Ltd.

www.acmelab.com

Client: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Submitted By: Roger Hulstein
Receiving Lab: Canada-Whitehorse
Received: September 23, 2011
Report Date: November 14, 2011
Page: 1 of 10

CERTIFICATE OF ANALYSIS

WHI11001737.1

CLIENT JOB INFORMATION

Project: Sixty Mile
Shipment ID: 2011-26
P.O. Number
Number of Samples: 257

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: Radius Gold Inc.
830 - 355 Burrard St.
Vancouver BC V6C 2G8
Canada

CC: Scott Turton
Simon Ridgway
database backup
David Clark

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	248	Crush, split and pulverize 250 g rock to 200 mesh			VAN
3B01	257	Fire assay fusion Au by ICP-ES	30	Completed	VAN
1DX1	257	1:1:1 Aqua Regia digestion ICP-MS analysis	0.5	Completed	VAN
7TD	1	4-acid Digestion ICP-ES Finish	0.5	Completed	VAN

ADDITIONAL COMMENTS



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.
All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Vancouver BC V6C 2G8 Canada

Project: Sixty Mile
Report Date: November 14, 2011

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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611928	Drill Core	4.77	74	3.1	7.4	12.0	7	0.2	1.2	1.8	170	0.91	734.9	28.8	11.0	30	<0.1	0.3	0.1	<2
611929	Drill Core	2.29	62	0.4	10.7	637.6	28	4.0	0.8	1.8	1233	1.64	395.9	621.2	8.2	119	0.3	0.8	2.0	<2
611930	Drill Core	3.96	26	0.7	5.6	5.2	6	0.1	0.5	1.0	239	0.73	98.7	10.9	12.1	26	<0.1	0.1	0.1	<2
611931	Drill Core	5.19	61	1.5	9.9	11.7	20	0.2	1.2	3.9	258	0.95	1306	47.1	10.8	22	0.1	0.2	0.1	3
611932	Drill Core	4.74	24	1.1	5.0	9.3	7	0.1	0.8	1.2	356	0.89	713.7	27.9	13.2	48	<0.1	0.1	<0.1	<2
611933	Drill Core	4.71	40	0.3	5.8	8.3	11	0.1	0.8	1.3	404	0.95	431.2	11.2	13.3	53	<0.1	0.1	<0.1	<2
611934	Rock Pulp	0.11	1386	1329	>10000	8154	9133	79.9	240.3	31.4	780	5.60	445.2	902.8	2.0	181	56.1	39.0	7.2	71
611935	Drill Core	4.30	6	1.2	42.2	8.3	80	0.4	2.4	7.0	917	1.77	83.9	12.9	11.4	81	0.3	<0.1	<0.1	11
611936	Drill Core	4.51	86	0.2	8.1	9.8	15	0.2	0.8	1.6	322	0.97	1415	68.8	14.9	35	0.1	0.5	0.1	<2
611937	Drill Core	4.85	143	0.8	22.3	42.5	85	0.5	1.5	4.2	534	1.54	478.7	118.8	12.1	75	0.8	0.2	0.2	5
611938	Drill Core	4.70	576	0.3	6.1	41.1	56	0.3	0.8	1.7	342	1.17	1499	144.8	14.7	39	0.5	0.5	0.2	2
611939	Drill Core	4.85	50	0.8	4.8	31.6	27	0.3	0.8	1.7	346	1.02	483.1	152.2	17.8	41	0.3	0.4	0.3	<2
611940	Drill Core	3.30	160	1.9	5.3	12.7	24	0.2	1.0	1.5	300	1.09	5850	107.6	13.4	29	0.2	1.9	0.4	<2
611941	Drill Core	4.93	218	0.7	5.4	5.9	10	0.1	1.7	1.6	384	1.15	1022	120.7	16.7	43	<0.1	0.4	0.1	<2
611942	Drill Core	4.82	76	1.1	7.2	6.2	12	0.1	0.9	1.1	329	1.03	3649	55.0	16.6	48	<0.1	1.3	0.2	<2
611943	Drill Core	5.11	11	1.1	9.3	6.4	8	<0.1	0.7	1.1	361	0.81	133.4	9.5	17.7	60	<0.1	0.2	<0.1	<2
611944	Rock	2.95	<2	0.1	2.4	3.4	47	<0.1	2.2	3.9	583	1.98	2.1	0.9	5.9	72	<0.1	<0.1	<0.1	38
611945	Drill Core	4.47	62	1.0	6.2	4.8	10	<0.1	0.9	1.4	420	0.91	973.8	75.1	16.9	66	<0.1	0.3	0.3	<2
611946	Drill Core	4.91	176	0.5	12.4	4.1	8	<0.1	0.7	1.7	483	1.21	1476	40.5	17.4	60	<0.1	0.6	0.1	<2
611947	Drill Core	5.26	96	0.6	13.3	4.9	17	0.1	0.7	1.2	561	1.27	3134	87.1	13.9	62	0.1	0.8	0.1	<2
611948	Drill Core	4.54	14	0.6	8.4	10.2	15	<0.1	0.6	1.1	320	0.82	578.7	8.4	14.8	50	<0.1	0.3	0.1	<2
611949	Drill Core	4.76	48	0.9	17.4	12.7	47	0.2	1.0	3.5	628	1.87	1331	35.5	15.8	75	0.5	0.4	0.2	<2
611950	Drill Core	4.23	<2	2.2	8.2	3.8	17	<0.1	1.9	2.1	598	1.16	9.4	0.6	16.3	77	<0.1	0.1	0.1	<2
611951	Drill Core	4.94	15	0.8	7.6	6.3	16	0.1	2.8	3.6	566	1.27	532.1	14.3	17.6	77	<0.1	0.3	0.1	4
611952	Drill Core	5.12	196	0.8	10.8	6.4	16	0.2	1.6	1.6	542	1.03	94.2	264.4	16.2	75	<0.1	0.2	<0.1	3
611953	Drill Core	4.62	42	1.0	8.4	3.9	7	<0.1	0.6	1.1	521	0.73	605.9	30.9	15.3	81	<0.1	0.3	0.1	<2
611954	Drill Core	2.05	178	0.9	13.5	4.0	6	0.1	0.7	1.2	413	1.03	1193	184.2	14.9	61	<0.1	0.5	<0.1	<2
611955	Drill Core	1.97	193	0.8	13.6	3.7	6	0.1	0.5	1.3	355	0.91	932.3	79.8	15.2	55	<0.1	0.4	<0.1	<2
611956	Drill Core	4.30	297	1.4	12.1	5.1	10	0.2	1.9	2.0	298	0.93	1291	243.8	15.0	44	<0.1	0.7	<0.1	<2
611957	Drill Core	4.72	189	0.9	13.6	13.0	14	0.3	0.6	1.6	309	1.20	1905	509.0	14.5	56	<0.1	1.0	0.2	<2



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Project:

Sixty Mile

Report Date:

November 14, 2011

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Part 2

CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD			
					P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
					%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
					0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
611928	Drill Core	0.011	12	9	0.18	114	<0.001	<20	0.20	0.023	0.16	0.4	<0.01	0.4	<0.1	0.53	<1	<0.5	<0.2				
611929	Drill Core	0.012	9	3	0.83	104	<0.001	<20	0.20	0.024	0.16	1.0	0.02	1.3	<0.1	0.58	<1	1.3	0.2				
611930	Drill Core	0.015	15	4	0.19	171	<0.001	<20	0.32	0.011	0.21	0.4	0.02	0.5	<0.1	0.37	<1	<0.5	<0.2				
611931	Drill Core	0.024	15	2	0.19	154	<0.001	<20	0.40	0.005	0.21	0.5	0.02	1.0	<0.1	0.39	<1	<0.5	<0.2				
611932	Drill Core	0.011	17	2	0.44	162	<0.001	<20	0.36	0.017	0.23	0.5	0.01	0.7	<0.1	0.30	<1	<0.5	<0.2				
611933	Drill Core	0.014	14	3	0.56	273	<0.001	<20	0.45	0.006	0.22	0.6	0.01	0.8	<0.1	0.40	<1	<0.5	<0.2				
611934	Rock Pulp	0.109	12	73	1.39	33	0.087	<20	1.49	0.086	0.37	10.5	2.40	5.0	2.1	3.57	6	8.5	1.3	2.426			
611935	Drill Core	0.045	16	2	0.68	248	<0.001	<20	0.42	0.013	0.27	1.2	<0.01	2.1	<0.1	0.26	1	<0.5	<0.2				
611936	Drill Core	0.016	26	6	0.22	183	<0.001	<20	0.30	0.038	0.21	0.4	0.03	1.0	<0.1	0.36	<1	<0.5	<0.2				
611937	Drill Core	0.030	14	3	0.46	210	0.001	<20	0.33	0.029	0.27	0.7	0.01	1.1	<0.1	0.58	1	<0.5	<0.2				
611938	Drill Core	0.017	18	6	0.26	153	<0.001	<20	0.27	0.048	0.22	0.4	<0.01	0.9	<0.1	0.52	<1	0.6	<0.2				
611939	Drill Core	0.019	35	2	0.19	234	0.001	<20	0.33	0.058	0.29	0.5	<0.01	0.8	0.1	0.34	1	<0.5	<0.2				
611940	Drill Core	0.024	23	10	0.13	187	0.001	<20	0.28	0.054	0.23	0.8	<0.01	0.7	0.1	0.46	<1	1.0	<0.2				
611941	Drill Core	0.022	28	3	0.21	239	0.001	<20	0.32	0.064	0.28	1.0	<0.01	0.8	0.2	0.44	1	<0.5	<0.2				
611942	Drill Core	0.017	28	7	0.19	195	<0.001	<20	0.30	0.063	0.24	1.2	<0.01	0.9	<0.1	0.39	1	0.6	<0.2				
611943	Drill Core	0.018	35	2	0.17	233	0.001	<20	0.32	0.057	0.29	0.9	<0.01	0.8	<0.1	0.25	1	<0.5	<0.2				
611944	Rock	0.077	14	11	0.50	171	0.123	<20	1.12	0.153	0.56	<0.1	<0.01	2.0	0.4	<0.05	5	<0.5	<0.2				
611945	Drill Core	0.021	33	<1	0.17	238	0.001	<20	0.32	0.054	0.29	0.4	<0.01	0.9	0.2	0.27	1	<0.5	<0.2				
611946	Drill Core	0.021	29	8	0.17	240	0.001	<20	0.28	0.066	0.24	1.8	0.02	0.8	0.2	0.56	1	<0.5	<0.2				
611947	Drill Core	0.016	23	2	0.18	398	<0.001	<20	0.27	0.064	0.23	0.6	0.01	0.9	0.1	0.45	<1	0.6	<0.2				
611948	Drill Core	0.013	22	6	0.11	324	<0.001	<20	0.26	0.047	0.25	2.8	<0.01	0.7	<0.1	0.21	<1	<0.5	<0.2				
611949	Drill Core	0.022	14	1	0.32	227	<0.001	<20	0.31	0.027	0.28	>100	<0.01	0.3	<0.1	1.07	<1	0.7	0.2				
611950	Drill Core	0.017	34	<1	0.22	287	<0.001	<20	0.31	0.045	0.29	1.0	<0.01	0.9	0.1	0.30	1	<0.5	<0.2				
611951	Drill Core	0.047	30	3	0.26	332	0.001	<20	0.39	0.041	0.32	1.4	0.03	1.0	0.3	0.38	1	<0.5	<0.2				
611952	Drill Core	0.033	26	6	0.19	296	<0.001	<20	0.36	0.032	0.30	0.9	0.03	0.9	0.2	0.29	1	<0.5	<0.2				
611953	Drill Core	0.016	28	2	0.15	307	<0.001	<20	0.32	0.029	0.30	0.7	<0.01	0.6	<0.1	0.23	<1	<0.5	<0.2				
611954	Drill Core	0.017	23	6	0.29	285	<0.001	<20	0.33	0.038	0.28	1.1	0.02	0.7	<0.1	0.39	1	<0.5	<0.2				
611955	Drill Core	0.015	22	2	0.27	212	<0.001	<20	0.28	0.027	0.24	1.0	0.02	0.7	<0.1	0.33	<1	<0.5	<0.2				
611956	Drill Core	0.016	27	6	0.18	203	<0.001	<20	0.27	0.041	0.22	0.8	0.02	1.0	<0.1	0.35	<1	<0.5	<0.2				
611957	Drill Core	0.015	23	1	0.22	146	<0.001	<20	0.25	0.038	0.20	1.1	<0.01	1.1	<0.1	0.61	<1	0.5	<0.2				



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CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
611958	Drill Core	4.70	143	1.1	10.9	9.3	22	0.2	0.7	1.3	291	1.19	3368	84.2	15.3	57	0.2	0.8	0.1	<2
611959	Drill Core	4.98	100	1.7	10.6	7.7	7	0.2	1.3	1.6	340	1.12	1930	79.8	16.7	56	<0.1	0.6	0.1	<2
611960	Drill Core	4.88	98	1.2	10.5	6.7	18	0.1	9.4	3.4	420	1.39	2420	58.3	13.5	59	<0.1	0.5	0.1	8
611961	Drill Core	4.84	193	1.4	15.5	7.0	13	0.2	2.7	3.0	483	1.65	2054	162.5	13.6	60	<0.1	0.7	0.1	3
611962	Drill Core	4.91	94	2.1	12.3	6.2	11	0.2	1.7	2.4	469	1.42	1529	265.9	14.4	62	<0.1	0.4	0.1	3
611963	Drill Core	4.95	9	0.6	13.0	7.1	11	0.2	1.1	1.6	375	1.24	114.4	10.9	15.8	60	<0.1	0.3	<0.1	<2
611964	Drill Core	4.69	19	1.6	19.5	10.5	22	0.2	10.0	5.2	712	1.68	62.2	16.2	11.7	120	<0.1	0.3	<0.1	6
611965	Drill Core	4.45	171	1.3	19.7	8.7	23	0.1	11.8	5.0	479	1.90	801.8	51.7	10.5	88	<0.1	0.4	<0.1	10
611966	Drill Core	5.05	286	1.1	13.2	9.4	11	0.2	4.8	2.6	426	1.40	1438	367.7	13.3	79	<0.1	0.8	<0.1	4
611967	Drill Core	4.71	417	1.8	11.0	17.9	24	0.3	7.0	3.4	419	1.66	6647	340.7	10.8	95	0.2	1.5	0.2	3
611968	Drill Core	5.02	314	1.8	16.9	10.6	24	0.3	5.0	3.5	503	1.69	3130	268.0	10.7	89	<0.1	0.8	0.1	5
611969	Rock Pulp	0.04	2367	24.0	13.5	15.2	38	0.3	19.8	2.6	16	0.89	118.0	2612	4.0	87	0.2	94.7	0.1	59
611970	Drill Core	4.76	361	0.9	11.7	16.1	11	0.2	1.7	2.3	285	1.28	2737	217.4	11.9	41	<0.1	0.8	<0.1	<2
611971	Drill Core	4.42	225	1.6	47.1	12.4	21	0.5	6.2	7.0	631	2.54	3522	221.4	10.0	101	<0.1	1.2	0.1	5
611972	Drill Core	5.06	814	1.8	38.7	21.3	38	0.7	15.4	9.2	728	3.31	7180	1258	4.0	66	0.1	1.5	0.1	15
611973	Drill Core	4.71	143	1.2	33.4	11.8	41	0.3	20.8	8.6	744	2.65	2118	125.3	10.0	88	0.2	1.0	<0.1	10
611974	Drill Core	4.96	218	1.2	24.6	39.0	58	0.5	18.2	4.8	751	1.44	1692	177.1	9.0	80	0.8	1.3	0.1	5
611975	Drill Core	4.62	53	3.5	10.5	2609	397	8.9	11.5	4.4	684	1.32	3867	48.8	13.3	77	7.0	4.9	1.2	4
611976	Drill Core	4.82	28	1.3	11.4	213.6	68	0.9	25.8	7.6	2443	2.51	5951	17.7	8.4	220	0.9	2.0	0.3	8
611977	Drill Core	3.01	34	2.3	39.6	32.7	35	0.6	19.5	9.7	730	2.28	2739	16.2	9.3	81	0.3	0.6	0.1	6
611978	Drill Core	3.00	159	2.2	37.7	48.4	47	0.5	17.5	9.2	842	2.38	1058	83.4	8.3	64	0.4	1.0	0.3	5
611979	Rock	2.58	<2	<0.1	1.8	3.5	44	<0.1	2.6	3.9	543	1.89	3.1	<0.5	6.1	63	<0.1	<0.1	<0.1	37
611980	Drill Core	2.36	<2	4.8	6.0	28.9	80	0.1	19.6	13.4	498	3.55	1.8	0.8	14.7	82	<0.1	0.1	0.2	26
611981	Drill Core	4.90	<2	0.6	44.7	21.8	74	0.2	22.2	14.1	544	3.77	1.8	<0.5	12.0	69	<0.1	0.2	0.3	33
613370	Drill Core	2.85	8	2.4	5.6	20.7	2	0.9	0.7	0.3	25	0.66	24.6	2.0	1.3	10	<0.1	0.5	0.1	7
613371	Drill Core	3.88	11	3.7	8.2	16.4	2	0.7	0.7	0.7	20	0.99	66.5	4.0	1.2	24	<0.1	0.5	0.1	10
613372	Drill Core	4.20	6	2.9	8.6	17.3	2	0.8	0.7	0.7	16	0.90	337.6	3.1	1.6	18	<0.1	1.4	0.1	12
613373	Drill Core	4.87	22	4.6	14.2	18.9	2	1.0	0.9	0.4	25	1.55	585.6	7.5	1.4	31	<0.1	2.1	<0.1	14
613374	Drill Core	4.18	29	1.0	14.1	6.7	<1	2.6	0.5	0.6	23	1.00	486.3	29.7	0.3	2	<0.1	2.1	0.1	11
613375	Drill Core	3.21	44	1.1	147.6	8.5	3	1.1	3.0	1.7	32	1.93	>10000	33.1	0.4	5	<0.1	5.6	<0.1	5



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
611958	Drill Core	0.016	24	7	0.21	182	<0.001	<20	0.25	0.045	0.21	1.1	<0.01	0.8	<0.1	0.60	<1	0.6	<0.2	
611959	Drill Core	0.016	27	2	0.20	236	<0.001	<20	0.26	0.037	0.22	5.6	<0.01	1.0	<0.1	0.54	<1	<0.5	<0.2	
611960	Drill Core	0.036	26	11	0.31	221	0.002	<20	0.32	0.043	0.23	4.0	<0.01	1.5	0.1	0.40	1	<0.5	<0.2	
611961	Drill Core	0.034	22	2	0.26	210	<0.001	<20	0.28	0.041	0.22	3.3	<0.01	1.3	0.2	0.70	1	0.6	<0.2	
611962	Drill Core	0.039	27	5	0.23	236	<0.001	<20	0.33	0.032	0.27	5.1	0.02	1.1	0.3	0.56	1	<0.5	<0.2	
611963	Drill Core	0.025	33	2	0.27	176	<0.001	<20	0.32	0.030	0.22	0.6	0.02	1.1	0.2	0.55	1	<0.5	<0.2	
611964	Drill Core	0.041	18	12	0.68	199	<0.001	<20	0.35	0.033	0.25	0.6	0.02	1.6	0.1	0.50	1	<0.5	<0.2	
611965	Drill Core	0.039	16	10	0.78	173	<0.001	<20	0.32	0.019	0.22	0.8	<0.01	1.9	<0.1	0.61	<1	<0.5	<0.2	
611966	Drill Core	0.022	21	7	0.61	245	<0.001	<20	0.31	0.022	0.22	1.3	<0.01	1.0	<0.1	0.56	<1	0.5	<0.2	
611967	Drill Core	0.037	14	2	0.51	176	<0.001	<20	0.30	0.017	0.21	1.5	<0.01	1.0	<0.1	0.72	<1	1.4	<0.2	
611968	Drill Core	0.044	18	12	0.53	240	<0.001	<20	0.35	0.027	0.23	1.1	<0.01	2.4	<0.1	0.56	1	0.8	<0.2	
611969	Rock Pulp	0.023	16	26	0.04	2402	<0.001	<20	0.26	0.004	0.09	10.1	1.97	1.2	2.4	0.08	1	<0.5	0.3	
611970	Drill Core	0.023	20	1	0.28	161	<0.001	<20	0.29	0.031	0.22	0.9	0.02	0.9	<0.1	0.64	<1	0.6	<0.2	
611971	Drill Core	0.075	11	5	0.68	313	<0.001	<20	0.36	0.022	0.29	1.5	0.01	1.6	0.1	1.22	1	1.2	<0.2	
611972	Drill Core	0.092	6	11	0.82	160	<0.001	<20	0.34	0.025	0.23	1.2	0.02	3.7	0.5	1.25	1	1.1	<0.2	
611973	Drill Core	0.067	10	13	0.77	165	<0.001	<20	0.32	0.024	0.23	1.1	<0.01	2.7	0.2	0.96	1	0.8	<0.2	
611974	Drill Core	0.029	11	6	0.71	121	<0.001	<20	0.23	0.016	0.19	1.7	<0.01	1.0	<0.1	0.37	<1	<0.5	<0.2	
611975	Drill Core	0.033	17	5	0.60	150	<0.001	<20	0.23	0.024	0.18	1.5	<0.01	1.4	<0.1	0.46	<1	3.2	0.4	
611976	Drill Core	0.102	8	8	1.88	295	<0.001	<20	0.27	0.018	0.17	0.6	<0.01	2.9	<0.1	0.69	<1	1.4	<0.2	
611977	Drill Core	0.041	9	9	0.99	111	<0.001	<20	0.29	0.015	0.18	3.0	0.02	1.6	<0.1	0.66	<1	1.1	<0.2	
611978	Drill Core	0.032	8	5	0.81	81	<0.001	<20	0.24	0.009	0.17	1.0	0.02	1.1	<0.1	0.74	<1	0.8	<0.2	
611979	Rock	0.077	12	10	0.51	171	0.120	<20	0.90	0.083	0.49	<0.1	<0.01	1.7	0.3	<0.05	4	0.6	<0.2	
611980	Drill Core	0.066	25	13	1.47	125	0.057	<20	0.91	0.019	0.57	0.4	<0.01	3.6	0.2	0.74	3	<0.5	<0.2	
611981	Drill Core	0.067	21	59	1.50	118	0.049	<20	0.97	0.013	0.62	0.5	0.04	4.7	0.3	0.96	3	0.6	<0.2	
613370	Drill Core	0.011	4	5	0.01	185	0.001	<20	0.10	0.005	0.13	0.2	0.06	0.5	0.2	0.16	<1	2.3	<0.2	
613371	Drill Core	0.023	2	14	0.01	142	0.001	<20	0.14	0.006	0.15	0.2	0.12	2.1	0.3	0.24	1	3.2	<0.2	
613372	Drill Core	0.064	4	17	<0.01	145	<0.001	<20	0.15	0.002	0.11	0.2	0.09	2.6	0.2	0.19	2	1.9	<0.2	
613373	Drill Core	0.075	3	25	<0.01	142	0.001	<20	0.15	0.005	0.15	0.3	0.12	6.4	0.4	0.28	2	4.6	<0.2	
613374	Drill Core	0.046	<1	3	<0.01	88	0.001	<20	0.03	<0.001	0.08	0.2	0.19	3.3	0.3	0.12	<1	5.0	<0.2	
613375	Drill Core	0.069	<1	19	<0.01	111	0.002	<20	0.05	0.002	0.08	0.3	0.12	6.8	0.2	0.51	<1	7.2	1.0	



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613376	Drill Core	4.45	38	2.1	69.6	5.5	36	0.9	10.9	4.3	32	1.76	1821	13.8	2.2	16	<0.1	1.5	<0.1	25
613377	Drill Core	4.04	2817	3.1	88.6	94.9	85	1.2	15.2	4.2	55	2.11	2271	1274	2.0	13	0.2	2.1	0.4	21
613378	Drill Core	4.01	10	2.7	116.0	8.0	77	0.3	16.4	4.8	53	1.84	338.0	8.8	2.2	14	<0.1	0.9	<0.1	17
613379	Rock Pulp	0.04	2274	23.3	13.2	13.4	37	0.3	19.2	2.6	16	0.85	106.5	1690	3.5	85	0.2	106.0	0.1	57
613380	Drill Core	4.58	11	1.7	292.4	3.7	287	0.4	70.1	22.5	1513	5.08	80.9	2.8	3.3	17	1.1	1.1	<0.1	22
613381	Drill Core	4.69	33	1.9	252.2	6.6	196	0.7	36.5	9.8	418	3.56	2888	8.9	4.1	18	0.9	1.1	<0.1	22
613382	Drill Core	4.54	14	1.3	318.0	6.9	180	0.6	35.5	8.1	207	3.51	1332	5.0	4.3	16	0.2	1.2	<0.1	16
613383	Drill Core	4.45	12	4.1	258.2	9.7	157	0.4	19.0	4.5	108	2.72	1285	2.5	3.0	11	0.2	0.8	0.1	23
613384	Drill Core	2.85	21	2.9	52.5	15.3	5	1.0	2.5	6.7	14	1.75	999.9	10.0	1.2	21	<0.1	2.3	0.2	17
613385	Drill Core	4.09	13	8.4	74.0	23.8	26	0.5	5.9	1.0	25	1.72	685.9	1.1	1.6	30	<0.1	1.0	0.2	39
613386	Drill Core	4.53	11	4.8	44.5	13.5	82	0.7	6.7	2.7	38	1.54	118.3	1.5	1.8	13	<0.1	0.9	0.1	20
613387	Drill Core	3.68	6	7.2	28.7	26.5	14	0.5	2.6	0.7	16	1.36	474.2	1.5	1.8	20	<0.1	0.7	0.2	19
613388	Drill Core	3.37	3	3.8	26.2	26.1	4	0.6	1.3	0.5	13	1.81	662.6	0.9	2.2	32	<0.1	1.0	0.2	38
613389	Rock	2.31	<2	0.2	2.0	2.5	43	<0.1	2.7	3.5	519	1.72	3.6	<0.5	4.8	56	<0.1	<0.1	<0.1	33
613390	Drill Core	4.28	6	10.6	212.6	15.3	176	0.5	10.1	1.8	58	3.09	45.9	0.8	2.8	28	<0.1	0.8	0.2	48
613391	Drill Core	4.47	2	0.4	273.9	6.8	190	0.2	41.9	6.9	106	2.68	9.3	<0.5	4.1	5	0.2	0.4	0.1	16
613392	Drill Core	5.09	<2	1.1	128.4	5.2	180	0.3	65.8	13.8	248	3.23	6.2	<0.5	4.6	13	0.2	0.3	0.2	19
613393	Drill Core	4.63	<2	1.4	115.3	6.6	197	0.3	37.4	12.4	334	3.29	7.0	<0.5	4.0	11	0.3	0.2	0.2	18
613394	Drill Core	4.36	7	3.5	90.9	11.7	174	0.5	23.9	6.3	148	3.76	28.4	<0.5	2.9	24	0.4	0.6	0.2	39
613395	Drill Core	3.96	18	2.8	33.5	192.7	86	1.8	12.7	4.8	52	1.45	21.7	3.0	2.7	26	0.1	0.5	1.6	30
613396	Drill Core	4.44	7	7.6	24.2	24.4	72	0.4	17.7	1.9	42	1.28	95.4	<0.5	1.1	32	0.1	0.8	0.1	55
613397	Drill Core	4.48	12	11.0	41.7	20.5	126	0.7	25.4	3.3	97	2.45	90.8	<0.5	2.1	33	<0.1	1.0	0.3	47
613398	Drill Core	4.40	5	1.1	103.5	9.7	127	0.4	18.7	6.5	82	2.24	8.4	0.9	3.8	12	0.1	0.5	0.1	17
613399	Drill Core	2.13	4	4.5	364.9	11.2	203	0.3	81.9	10.2	103	3.26	26.0	<0.5	3.5	31	0.2	0.5	0.2	40
613400	Drill Core	2.25	7	5.4	308.0	11.7	203	0.3	77.7	9.4	124	3.31	29.7	<0.5	3.5	39	0.1	0.9	0.2	40
613401	Drill Core	4.16	13	14.6	224.1	22.3	129	0.6	12.6	2.4	82	2.99	70.0	<0.5	2.0	44	0.1	1.1	0.2	72
613402	Drill Core	4.08	4	1.2	180.6	5.9	189	0.3	64.7	10.1	179	3.09	16.3	<0.5	4.0	8	0.3	0.4	<0.1	21
613403	Drill Core	4.43	6	4.2	115.4	7.4	223	0.4	33.6	9.4	147	3.53	29.7	<0.5	4.4	11	0.3	0.2	0.2	17
613404	Drill Core	3.86	5	1.8	125.6	4.2	236	0.2	59.9	13.4	308	3.68	7.1	<0.5	3.3	7	0.4	0.2	0.1	12
613405	Drill Core	4.31	41	3.4	129.6	8.6	271	0.3	52.8	11.5	209	5.10	72.2	<0.5	3.1	9	0.2	0.5	0.1	21



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613376	Drill Core	0.121	7	12	0.01	116	<0.001	<20	0.29	0.006	0.15	0.4	0.07	3.2	0.4	0.19	1	1.8	<0.2	
613377	Drill Core	0.090	6	17	0.01	84	<0.001	<20	0.30	0.006	0.10	0.4	0.08	2.5	0.3	0.09	<1	1.8	<0.2	
613378	Drill Core	0.074	8	9	0.01	93	<0.001	<20	0.30	0.005	0.11	0.3	0.04	2.7	0.1	0.05	<1	0.9	<0.2	
613379	Rock Pulp	0.023	13	23	0.03	2227	<0.001	<20	0.24	0.006	0.09	8.7	1.70	1.0	2.1	0.08	1	<0.5	0.3	
613380	Drill Core	0.155	12	9	0.03	110	0.001	<20	0.57	0.007	0.15	0.4	0.06	2.2	0.1	<0.05	<1	1.6	<0.2	
613381	Drill Core	0.148	14	8	0.02	131	0.002	<20	0.48	0.007	0.17	0.6	0.10	2.6	0.2	0.10	1	2.0	<0.2	
613382	Drill Core	0.062	10	11	0.01	126	<0.001	<20	0.59	0.009	0.17	0.6	0.07	2.2	0.2	0.15	<1	2.2	<0.2	
613383	Drill Core	0.081	10	8	0.01	92	<0.001	<20	0.37	0.005	0.12	0.7	0.05	2.2	0.1	0.09	<1	1.1	<0.2	
613384	Drill Core	0.117	2	17	<0.01	58	<0.001	<20	0.13	0.003	0.10	0.4	0.11	1.6	0.4	0.21	1	5.0	<0.2	
613385	Drill Core	0.137	4	18	<0.01	162	<0.001	<20	0.21	0.004	0.10	0.5	0.09	1.9	0.2	0.19	2	4.1	<0.2	
613386	Drill Core	0.101	6	9	<0.01	121	<0.001	<20	0.17	0.005	0.10	0.3	0.11	1.3	0.3	0.11	<1	5.3	<0.2	
613387	Drill Core	0.288	5	23	<0.01	72	0.001	<20	0.17	0.004	0.08	0.4	0.04	2.1	0.2	0.13	<1	3.1	<0.2	
613388	Drill Core	0.234	6	20	<0.01	68	<0.001	<20	0.20	0.004	0.11	0.5	0.04	3.9	0.1	0.21	1	2.6	<0.2	
613389	Rock	0.071	9	9	0.47	143	0.107	<20	0.76	0.055	0.45	<0.1	0.01	1.4	0.2	<0.05	4	<0.5	<0.2	
613390	Drill Core	0.122	5	16	0.01	98	<0.001	<20	0.35	0.003	0.10	0.3	0.13	1.9	0.2	0.08	<1	3.5	<0.2	
613391	Drill Core	0.035	8	9	<0.01	65	<0.001	<20	0.40	0.004	0.10	0.2	0.02	1.6	<0.1	0.06	<1	1.1	<0.2	
613392	Drill Core	0.046	9	15	0.01	87	<0.001	<20	0.42	0.005	0.11	0.2	0.01	2.3	<0.1	<0.05	1	1.3	<0.2	
613393	Drill Core	0.027	9	12	<0.01	78	<0.001	<20	0.29	0.004	0.11	0.2	0.03	2.4	<0.1	<0.05	1	0.7	<0.2	
613394	Drill Core	0.039	5	18	0.01	99	<0.001	<20	0.27	0.005	0.10	0.2	0.09	2.7	0.2	<0.05	1	0.8	<0.2	
613395	Drill Core	0.067	6	11	<0.01	92	<0.001	<20	0.26	0.005	0.10	0.2	0.07	2.9	0.2	<0.05	<1	3.4	1.1	
613396	Drill Core	0.091	3	9	<0.01	100	<0.001	<20	0.20	0.004	0.07	0.3	0.04	2.1	<0.1	<0.05	<1	1.0	<0.2	
613397	Drill Core	0.061	5	16	0.01	123	<0.001	<20	0.22	0.003	0.08	0.4	0.06	2.6	0.1	0.06	<1	1.2	<0.2	
613398	Drill Core	0.021	9	10	0.01	72	<0.001	<20	0.28	0.004	0.10	0.2	0.05	1.2	0.1	<0.05	<1	1.0	<0.2	
613399	Drill Core	0.024	6	14	0.01	144	<0.001	<20	0.79	0.002	0.09	0.2	0.04	2.4	<0.1	0.09	1	2.7	<0.2	
613400	Drill Core	0.027	7	15	0.01	171	<0.001	<20	0.71	0.002	0.09	0.2	0.04	2.3	<0.1	0.08	1	1.3	<0.2	
613401	Drill Core	0.048	4	17	<0.01	188	<0.001	<20	0.32	0.001	0.06	0.4	0.17	3.3	0.1	<0.05	1	4.9	<0.2	
613402	Drill Core	0.037	8	10	0.02	88	<0.001	<20	0.64	0.006	0.14	0.2	0.01	1.7	<0.1	<0.05	1	0.9	<0.2	
613403	Drill Core	0.053	9	8	0.02	94	0.001	<20	0.35	0.005	0.16	0.2	0.03	1.4	<0.1	<0.05	1	2.8	<0.2	
613404	Drill Core	0.045	8	7	0.02	73	<0.001	<20	0.36	0.004	0.14	0.2	0.02	1.7	<0.1	<0.05	<1	1.4	<0.2	
613405	Drill Core	0.033	7	10	0.01	76	<0.001	<20	0.41	0.004	0.14	0.3	0.04	2.7	<0.1	0.05	<1	1.5	<0.2	



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613406	Drill Core	3.45	34	10.2	156.4	23.6	83	0.6	6.0	2.0	52	3.59	190.5	0.8	1.8	16	<0.1	2.1	0.2	35
613407	Drill Core	4.22	25	3.0	99.9	45.5	109	0.4	10.7	2.4	55	3.50	923.3	1.7	3.1	14	0.1	0.7	0.2	26
613408	Drill Core	3.32	18	2.0	93.4	13.1	168	0.4	15.4	3.7	75	3.42	690.9	1.9	3.9	11	0.1	0.5	0.1	21
613409	Rock Pulp	0.04	2352	21.3	13.8	13.4	35	0.3	18.9	2.5	16	0.84	102.5	2344	3.5	96	0.2	75.4	0.1	59
613410	Drill Core	3.20	55	6.5	113.2	47.8	109	0.5	12.7	2.5	42	3.02	536.6	5.6	3.0	17	0.1	0.7	0.1	45
613411	Drill Core	4.17	41	2.2	162.7	16.7	325	0.4	31.0	8.7	175	5.01	224.2	13.8	3.4	15	0.3	0.3	0.1	33
613412	Drill Core	2.88	264	2.2	136.8	97.4	115	1.1	15.4	3.2	64	2.49	3374	43.5	3.1	14	0.2	0.7	0.4	22
613413	Drill Core	4.21	9	1.2	250.2	11.8	748	0.3	156.9	46.5	929	9.39	175.9	2.7	7.9	16	0.5	0.6	0.1	31
613414	Drill Core	4.04	5	0.8	167.9	8.0	710	0.2	99.0	41.7	660	8.60	57.8	3.4	9.7	17	0.2	0.4	0.1	18
613415	Drill Core	2.20	9	1.5	148.1	10.4	426	0.3	71.9	19.6	446	5.21	113.8	<0.5	6.1	17	0.2	0.4	0.2	27
613416	Drill Core	2.15	22	8.7	29.4	20.7	157	0.8	30.4	6.7	134	2.49	90.7	0.7	2.5	83	<0.1	1.2	0.1	58
613417	Drill Core	4.46	13	2.6	105.1	23.9	185	0.3	41.6	12.7	325	3.42	298.5	0.7	4.8	21	0.5	0.3	0.3	25
613418	Drill Core	4.05	5	0.6	191.4	28.6	227	0.2	43.8	14.1	252	3.98	140.6	<0.5	8.1	10	0.6	0.3	<0.1	13
613419	Rock	2.50	<2	<0.1	2.3	2.5	44	<0.1	2.4	3.5	561	1.80	<0.5	5.3	4.9	49	<0.1	<0.1	<0.1	33
613420	Drill Core	3.73	10	1.2	217.4	42.3	130	0.4	20.2	5.0	76	2.68	988.3	5.6	5.0	9	0.4	0.4	0.1	14
613421	Drill Core	4.52	18	1.9	108.2	144.5	5	1.2	1.5	0.8	22	0.96	2751	7.8	1.7	6	<0.1	1.2	0.4	9
613422	Drill Core	2.73	20	1.5	17.4	159.1	3	0.7	0.9	0.3	12	0.71	697.2	3.0	2.1	10	<0.1	0.5	<0.1	8
613423	Drill Core	3.53	80	4.4	70.8	2191	6	4.0	0.8	0.5	26	1.02	3251	113.3	1.3	6	0.2	2.8	0.8	6
613424	Drill Core	4.58	9	5.1	107.6	34.1	94	0.5	15.2	3.0	45	1.65	603.4	6.4	3.0	10	<0.1	0.4	0.3	11
613425	Drill Core	4.02	11	2.8	166.6	24.4	172	0.3	34.0	7.7	142	2.63	266.2	5.7	2.9	8	0.1	0.3	0.2	11
613426	Drill Core	4.04	79	2.6	125.8	18.0	200	0.2	51.5	14.1	489	3.07	1006	12.8	4.0	14	2.9	0.5	0.1	15
613427	Drill Core	4.09	5	1.6	168.8	26.3	310	0.3	94.1	22.0	1679	4.94	77.4	6.6	6.5	9	3.1	0.4	0.1	17
613428	Drill Core	4.51	3	3.3	65.1	26.5	45	8.4	17.5	2.8	314	0.99	116.6	<0.5	3.2	7	0.4	0.3	0.4	13
613429	Drill Core	1.96	4	2.9	114.4	55.4	56	0.4	21.4	2.8	43	1.29	199.3	1.2	2.6	15	0.1	0.5	0.3	18
613430	Drill Core	1.80	9	3.3	124.1	48.8	69	0.4	22.9	3.2	47	1.62	167.2	2.8	2.6	14	<0.1	0.6	0.3	19
613431	Drill Core	4.15	3	1.4	109.2	14.2	146	0.5	26.8	10.8	364	3.15	34.9	<0.5	4.6	9	0.5	0.3	0.3	16
613432	Drill Core	4.08	<2	1.6	59.3	8.4	143	0.1	38.0	15.8	3759	3.60	90.0	3.0	8.9	8	2.0	0.2	0.2	11
613433	Drill Core	4.22	<2	11.1	41.8	23.5	146	0.5	19.6	7.9	446	2.08	135.2	6.0	4.1	8	0.8	0.4	0.2	12
613434	Drill Core	4.21	3	4.0	75.1	7.0	70	0.2	12.8	3.7	90	1.25	191.2	<0.5	2.7	8	0.2	0.3	0.2	14
613435	Drill Core	4.22	13	5.4	159.0	24.9	189	0.4	28.6	13.7	230	3.11	555.7	2.6	4.6	24	0.4	0.6	0.4	30



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613406	Drill Core	0.049	3	13	<0.01	54	<0.001	<20	0.28	0.001	0.06	0.3	0.09	2.3	0.2	0.05	<1	3.1	<0.2	
613407	Drill Core	0.039	7	11	0.01	94	<0.001	<20	0.32	0.003	0.11	0.2	0.09	2.5	0.2	0.06	1	1.8	<0.2	
613408	Drill Core	0.055	10	10	0.02	107	<0.001	<20	0.35	0.005	0.14	0.3	0.05	2.3	0.2	<0.05	<1	2.7	<0.2	
613409	Rock Pulp	0.023	14	24	0.04	3035	0.001	<20	0.26	0.003	0.10	8.4	1.68	1.1	1.9	0.10	1	<0.5	0.2	
613410	Drill Core	0.064	7	15	0.01	82	<0.001	<20	0.41	0.004	0.12	0.2	0.06	2.7	0.3	0.08	1	1.7	<0.2	
613411	Drill Core	0.065	8	18	0.01	100	<0.001	<20	0.44	0.005	0.14	0.3	0.05	4.1	0.1	0.07	1	0.9	<0.2	
613412	Drill Core	0.055	9	12	0.01	105	<0.001	<20	0.35	0.004	0.13	0.3	0.09	3.8	0.3	0.05	<1	2.9	<0.2	
613413	Drill Core	0.124	21	14	0.02	84	0.001	<20	1.26	0.003	0.15	0.3	0.03	4.6	0.2	0.09	1	0.9	<0.2	
613414	Drill Core	0.061	25	10	0.02	86	0.001	<20	0.85	0.004	0.18	0.3	0.04	3.8	0.1	0.11	1	1.7	<0.2	
613415	Drill Core	0.082	17	19	0.02	127	<0.001	<20	0.74	0.005	0.13	0.3	0.03	3.9	0.1	0.11	1	1.4	<0.2	
613416	Drill Core	0.066	7	20	0.02	751	0.002	<20	0.34	0.003	0.10	0.4	0.14	4.3	0.3	0.06	1	8.8	<0.2	
613417	Drill Core	0.052	13	9	0.02	160	<0.001	<20	0.45	0.007	0.15	0.2	0.04	2.8	0.1	0.06	1	1.5	<0.2	
613418	Drill Core	0.046	18	6	0.02	103	0.002	<20	0.71	0.009	0.21	0.2	0.04	2.1	<0.1	<0.05	1	1.0	<0.2	
613419	Rock	0.075	10	4	0.50	141	0.111	<20	0.85	0.053	0.46	<0.1	<0.01	1.5	0.3	<0.05	4	<0.5	<0.2	
613420	Drill Core	0.055	10	7	<0.01	68	<0.001	<20	0.39	0.005	0.11	0.3	0.06	1.9	0.1	0.05	<1	0.7	<0.2	
613421	Drill Core	0.048	5	4	<0.01	50	<0.001	<20	0.18	0.004	0.07	0.2	0.06	1.3	0.2	0.05	<1	1.1	<0.2	
613422	Drill Core	0.031	7	4	<0.01	56	<0.001	<20	0.15	0.005	0.08	0.1	0.11	1.0	0.2	0.07	<1	1.6	<0.2	
613423	Drill Core	0.067	5	<1	<0.01	79	0.001	<20	0.14	0.004	0.11	0.4	0.18	1.5	0.3	0.13	<1	7.6	0.6	
613424	Drill Core	0.078	10	5	<0.01	54	<0.001	<20	0.30	0.005	0.10	0.2	0.05	1.1	0.1	0.06	<1	<0.5	<0.2	
613425	Drill Core	0.051	9	4	0.01	72	<0.001	<20	0.42	0.006	0.13	0.2	0.03	1.5	<0.1	<0.05	<1	2.0	<0.2	
613426	Drill Core	0.085	12	7	0.01	69	<0.001	<20	0.42	0.005	0.10	0.3	0.02	1.8	0.1	<0.05	<1	0.8	<0.2	
613427	Drill Core	0.082	16	8	0.03	82	0.001	<20	0.70	0.009	0.16	0.4	0.03	2.6	<0.1	<0.05	1	<0.5	<0.2	
613428	Drill Core	0.035	9	7	0.01	56	<0.001	<20	0.38	0.007	0.10	3.0	0.02	1.1	<0.1	<0.05	<1	1.3	<0.2	
613429	Drill Core	0.053	8	6	0.01	74	<0.001	<20	0.70	0.005	0.11	0.3	0.04	1.2	<0.1	<0.05	<1	2.9	<0.2	
613430	Drill Core	0.057	8	8	0.01	70	<0.001	<20	0.63	0.005	0.10	0.3	0.04	1.3	0.1	<0.05	<1	1.4	<0.2	
613431	Drill Core	0.072	14	8	0.03	77	0.001	<20	0.43	0.010	0.16	0.3	0.02	2.0	0.1	<0.05	1	1.8	<0.2	
613432	Drill Core	0.044	21	7	0.21	88	0.001	<20	0.42	0.010	0.18	0.1	0.01	1.7	<0.1	<0.05	1	1.8	<0.2	
613433	Drill Core	0.047	13	7	0.03	80	<0.001	<20	0.34	0.007	0.12	0.4	0.03	1.2	0.1	<0.05	1	1.8	<0.2	
613434	Drill Core	0.025	8	5	0.01	67	0.001	<20	0.26	0.005	0.09	0.2	0.02	1.1	<0.1	<0.05	<1	<0.5	<0.2	
613435	Drill Core	0.085	10	10	0.01	96	0.001	<20	0.48	0.006	0.10	0.4	0.06	3.4	0.1	0.05	<1	1.8	<0.2	



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613436	Drill Core	3.88	17	8.1	74.1	20.5	96	0.7	14.7	6.1	58	1.64	603.9	1.5	2.5	27	0.1	0.8	0.4	35
613437	Drill Core	4.82	51	4.6	92.2	27.3	201	0.9	18.3	8.7	211	3.51	5493	4.5	6.1	18	0.7	0.9	0.3	27
613438	Drill Core	2.86	4459	9.1	69.0	71.9	98	1.3	5.3	5.8	117	2.02	3656	361.4	4.7	19	0.4	1.0	0.2	16
613439	Rock Pulp	0.04	2480	21.6	12.7	14.3	34	0.3	18.4	2.3	15	0.84	108.3	1989	3.6	94	<0.1	40.7	0.1	59
613440	Drill Core	3.87	100	7.6	33.2	116.7	58	1.2	3.7	4.7	110	1.58	2427	43.4	5.5	18	0.1	0.6	0.3	12
613441	Drill Core	2.84	464	2.2	193.4	11.5	33	0.6	3.4	1.9	73	1.30	6817	156.2	4.8	12	0.3	0.6	0.1	7
613442	Drill Core	4.14	11	1.3	95.5	11.4	265	0.3	44.6	18.0	509	4.68	708.7	9.4	10.7	14	0.3	0.2	0.1	13
613443	Drill Core	5.39	19	4.8	61.2	25.5	135	0.4	13.8	5.4	109	2.01	3468	3.4	6.8	15	0.4	0.6	0.2	14
613444	Drill Core	4.16	32	6.9	40.7	21.2	20	0.7	6.1	2.9	35	1.04	582.6	4.3	2.7	20	<0.1	0.9	0.4	18
613445	Drill Core	3.80	19	3.2	140.2	10.0	219	0.5	28.4	8.7	263	4.85	172.0	5.6	4.6	24	<0.1	1.2	0.2	27
613446	Drill Core	3.88	15	1.5	143.0	24.7	630	0.5	84.3	30.6	1195	7.22	399.3	7.6	5.9	20	0.6	0.5	0.1	25
613447	Drill Core	3.97	7	2.4	154.3	35.7	595	0.6	55.0	22.1	342	5.44	591.8	3.9	3.7	15	0.4	0.7	0.2	26
613448	Drill Core	4.26	20	3.0	110.5	19.3	417	0.7	50.9	17.9	482	4.47	254.2	2.6	4.6	14	0.4	0.3	0.3	24
613449	Rock	2.90	<2	0.1	2.7	3.5	47	<0.1	2.2	3.8	596	2.02	3.5	3.7	6.0	70	<0.1	<0.1	<0.1	37
613450	Drill Core	2.51	67	2.7	97.0	154.1	752	0.9	54.9	23.4	375	6.16	4771	24.3	6.5	17	3.2	0.9	0.2	35
613451	Drill Core	2.92	886	3.2	120.4	766.3	88	6.7	178.7	72.8	190	13.67	>10000	28.6	2.7	17	0.4	20.9	0.4	24
613452	Drill Core	5.33	9	1.0	58.2	21.2	171	0.2	31.0	11.2	898	2.35	4327	6.8	1.7	13	1.0	0.8	<0.1	16
613453	Drill Core	4.09	4	2.4	55.0	8.1	319	0.3	42.2	15.2	1877	3.02	424.7	4.4	3.8	14	0.6	0.3	0.1	20
613454	Drill Core	4.17	8	2.8	46.7	8.1	253	0.5	54.5	21.0	2270	4.22	64.1	1.1	4.5	18	2.4	0.5	0.2	24
613455	Drill Core	2.35	66	4.0	97.3	13.5	579	0.8	90.2	31.0	2017	4.72	5816	2.1	3.5	28	2.4	1.9	0.5	31
613456	Drill Core	1.89	7	4.3	80.1	7.6	377	0.5	62.3	18.2	3665	3.68	175.1	0.8	3.0	31	5.1	0.7	0.2	40
613457	Drill Core	4.32	41	8.0	85.8	17.5	432	0.7	62.6	17.3	2646	3.42	126.3	<0.5	3.0	37	3.9	1.0	0.3	37
613458	Drill Core	3.99	12	6.0	121.7	11.0	220	0.4	24.0	8.3	731	2.64	110.1	<0.5	1.5	15	0.6	0.8	0.1	31
613459	Drill Core	2.09	9	5.0	89.0	9.9	442	0.5	34.6	17.7	1981	3.57	73.9	<0.5	3.6	20	1.4	0.5	0.1	26
613460	Drill Core	1.93	4	4.8	82.4	8.8	349	0.4	31.3	15.8	1529	3.45	63.6	<0.5	4.0	18	1.0	0.4	0.1	26
613461	Drill Core	3.03	<2	4.7	63.8	9.6	672	0.3	55.6	27.2	3283	4.46	50.7	<0.5	5.3	16	2.0	0.3	0.2	22
613462	Drill Core	4.50	9	9.0	89.5	32.0	272	0.5	41.7	18.7	1396	3.61	83.4	<0.5	5.4	22	1.8	0.9	0.4	23
613463	Drill Core	4.14	30	20.3	100.8	33.8	85	0.7	21.8	6.5	44	1.18	3535	<0.5	2.7	64	2.3	1.4	0.5	54
613464	Drill Core	4.45	182	2.9	70.6	14.3	223	0.3	48.0	23.7	1450	4.03	2613	25.1	5.5	20	2.8	0.8	0.2	18
613465	Drill Core	3.48	27	15.1	29.6	28.5	56	0.5	26.1	4.9	42	0.97	4096	1.1	1.4	27	3.1	1.7	0.2	27



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Part 2

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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613436	Drill Core	0.067	5	9	<0.01	67	<0.001	<20	0.43	0.004	0.08	0.4	0.10	2.8	0.1	<0.05	<1	2.9	<0.2	
613437	Drill Core	0.069	18	10	0.01	132	<0.001	<20	0.43	0.008	0.19	0.6	0.29	3.8	0.3	0.13	1	7.3	0.2	
613438	Drill Core	0.048	14	6	0.01	130	<0.001	<20	0.29	0.007	0.17	0.3	0.16	2.3	0.4	0.18	1	4.4	<0.2	
613439	Rock Pulp	0.023	15	22	0.04	2075	<0.001	<20	0.31	0.005	0.11	6.2	1.57	1.3	2.2	0.09	1	1.0	0.2	
613440	Drill Core	0.044	19	6	0.02	117	<0.001	<20	0.34	0.007	0.20	0.3	0.24	2.0	0.3	0.12	1	3.2	<0.2	
613441	Drill Core	0.044	15	6	0.02	121	<0.001	<20	0.29	0.007	0.20	0.2	0.13	1.7	0.3	0.10	<1	4.8	<0.2	
613442	Drill Core	0.045	22	9	0.02	115	<0.001	<20	0.54	0.008	0.22	0.2	0.06	2.3	0.2	0.10	1	1.4	<0.2	
613443	Drill Core	0.047	17	7	0.02	116	<0.001	<20	0.32	0.007	0.17	0.3	0.03	1.9	0.2	0.07	<1	2.4	<0.2	
613444	Drill Core	0.056	9	6	0.02	95	<0.001	<20	0.31	0.006	0.15	0.3	0.04	1.0	0.2	0.13	<1	1.7	<0.2	
613445	Drill Core	0.073	10	13	0.03	87	<0.001	<20	0.48	0.007	0.17	0.3	0.03	2.9	0.2	0.28	1	1.9	<0.2	
613446	Drill Core	0.079	13	11	0.09	75	<0.001	<20	0.75	0.008	0.16	0.3	0.02	3.8	0.1	0.21	2	1.8	<0.2	
613447	Drill Core	0.070	9	10	0.02	68	<0.001	<20	0.53	0.007	0.12	0.3	0.01	3.2	0.1	0.14	<1	1.5	<0.2	
613448	Drill Core	0.067	11	8	0.09	70	<0.001	<20	0.50	0.010	0.17	0.2	0.02	2.4	0.1	0.33	1	2.6	<0.2	
613449	Rock	0.078	14	5	0.52	167	0.125	22	1.03	0.104	0.51	<0.1	<0.01	2.1	0.3	<0.05	5	<0.5	<0.2	
613450	Drill Core	0.069	11	9	0.06	109	<0.001	<20	0.49	0.010	0.20	0.4	0.07	3.7	0.3	0.95	2	4.3	<0.2	
613451	Drill Core	0.059	2	8	0.02	24	0.002	<20	0.31	0.006	0.10	0.5	0.46	3.0	1.3	9.18	1	29.6	2.9	
613452	Drill Core	0.055	5	5	0.17	110	0.001	<20	0.37	0.006	0.13	0.3	0.04	2.1	0.2	0.32	<1	1.3	<0.2	
613453	Drill Core	0.036	10	8	0.31	108	<0.001	<20	0.42	0.006	0.11	0.3	0.02	2.7	<0.1	0.12	<1	1.2	<0.2	
613454	Drill Core	0.048	10	12	0.47	268	0.002	<20	0.34	0.005	0.11	0.3	0.05	3.2	0.1	0.51	1	2.1	<0.2	
613455	Drill Core	0.131	7	15	0.09	221	0.002	<20	0.32	0.004	0.12	0.4	0.06	3.3	0.2	1.06	1	4.9	0.2	
613456	Drill Core	0.099	6	16	0.30	191	0.001	<20	0.28	0.004	0.09	0.2	0.02	4.3	<0.1	0.92	1	3.5	<0.2	
613457	Drill Core	0.071	6	14	0.31	159	0.002	<20	0.33	0.005	0.12	0.4	0.05	3.4	<0.1	1.82	1	3.2	<0.2	
613458	Drill Core	0.051	5	7	0.15	95	0.001	<20	0.41	0.003	0.09	0.2	0.03	2.0	<0.1	0.97	<1	1.7	<0.2	
613459	Drill Core	0.064	9	9	0.22	94	0.001	<20	0.38	0.006	0.15	0.3	0.05	2.5	0.1	0.71	1	1.6	<0.2	
613460	Drill Core	0.058	10	8	0.24	97	0.001	<20	0.40	0.007	0.16	0.3	0.05	2.7	0.2	0.66	1	1.7	<0.2	
613461	Drill Core	0.046	13	9	0.25	83	0.001	<20	0.37	0.007	0.15	0.3	0.03	2.7	0.1	0.30	1	1.2	<0.2	
613462	Drill Core	0.075	10	9	0.19	93	0.001	<20	0.38	0.005	0.13	0.4	0.07	2.3	0.2	1.20	1	2.5	<0.2	
613463	Drill Core	0.210	7	16	0.02	270	0.003	<20	0.34	0.003	0.11	1.2	0.13	1.6	0.1	0.74	1	2.5	0.3	
613464	Drill Core	0.057	11	8	0.21	167	0.001	<20	0.36	0.005	0.22	0.6	0.18	2.5	0.3	1.43	1	2.0	<0.2	
613465	Drill Core	0.145	4	11	0.02	86	0.002	<20	0.25	0.003	0.09	1.0	0.07	1.0	<0.1	0.63	<1	2.8	<0.2	



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Part 1

CERTIFICATE OF ANALYSIS

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613466	Drill Core	3.92	21	25.4	80.4	91.2	238	0.7	79.9	8.7	212	1.20	406.4	<0.5	2.8	129	7.1	6.2	0.2	287
613467	Drill Core	2.72	42	19.9	91.5	17.6	232	1.2	59.3	8.2	83	2.65	263.1	1.8	2.1	51	7.1	10.7	0.2	49
613468	Drill Core	3.77	42	1.5	44.1	11.1	102	1.2	57.1	11.9	448	4.11	193.4	15.3	0.7	30	1.0	30.1	<0.1	16
613469	Rock Pulp	0.04	2529	23.0	15.1	17.4	38	0.4	19.9	2.8	18	0.87	118.0	6314	4.2	96	0.2	59.7	0.1	62
613470	Drill Core	3.43	97	18.0	93.5	34.4	742	1.7	199.1	28.3	2983	5.82	555.9	1.5	2.7	154	4.2	14.8	0.2	198
613471	Drill Core	2.30	59	28.3	89.3	56.1	833	1.2	213.2	21.8	2495	3.91	362.0	1.1	2.8	180	7.6	6.3	0.2	302
613472	Drill Core	4.28	45	17.3	64.1	42.7	708	0.7	217.5	30.3	2786	3.76	1029	0.6	2.9	157	6.6	5.1	0.3	226
613473	Drill Core	4.13	37	12.7	74.6	35.0	818	0.5	124.9	24.7	2892	3.66	812.8	1.6	2.6	83	5.8	1.8	0.2	90
613474	Drill Core	1.47	18	2.2	45.4	14.1	118	0.3	48.2	13.5	1594	1.95	175.0	1.8	1.2	40	2.3	0.8	0.2	26
613475	Drill Core	4.86	8	0.2	15.5	4.8	34	<0.1	16.8	5.1	41	0.55	1407	4.1	0.4	6	0.9	0.7	<0.1	3
613476	Drill Core	3.96	197	0.6	42.2	19.2	679	1.0	57.8	23.6	33	5.28	>10000	160.0	0.2	6	22.5	18.2	0.2	4
613477	Drill Core	2.56	17	0.9	30.8	4.5	29	0.2	23.1	7.3	107	1.07	528.2	9.9	1.2	11	1.0	1.3	<0.1	6
613478	Drill Core	5.61	10	0.4	43.0	6.4	38	0.2	16.3	6.5	397	1.14	95.1	11.6	1.2	25	1.0	0.8	0.1	4
613479	Rock	2.50	<2	<0.1	2.2	3.0	46	<0.1	2.9	4.1	566	1.93	2.7	1.0	5.5	62	<0.1	<0.1	<0.1	35
613480	Drill Core	4.36	36	1.4	43.3	8.9	67	0.3	19.8	6.8	475	2.06	133.7	7.1	1.0	22	0.9	1.4	0.1	7
613481	Drill Core	4.42	15	5.5	44.4	7.5	72	0.3	18.3	5.6	1045	1.58	52.8	1.1	1.3	65	1.0	1.3	<0.1	12
613482	Drill Core	3.45	44	5.8	71.8	19.4	401	0.5	105.3	37.5	3114	4.17	266.6	1.1	4.4	43	1.2	1.0	0.3	24
613483	Drill Core	1.76	35	3.6	65.5	17.2	193	0.7	79.5	24.4	1502	3.71	134.2	2.5	6.0	33	0.7	1.5	0.2	12
613484	Drill Core	4.24	34	6.9	76.1	19.9	202	0.6	60.6	16.3	1727	2.84	88.4	1.8	1.8	74	1.4	1.6	0.2	20
613485	Drill Core	4.22	30	1.3	70.4	11.4	123	0.6	61.4	23.5	1805	3.12	75.7	5.0	3.8	43	0.3	1.3	0.2	11
613486	Drill Core	4.91	14	1.0	27.8	21.3	75	0.2	31.7	13.1	1226	1.48	515.7	7.2	3.3	27	0.4	0.6	0.1	5
613487	Drill Core	4.45	30	0.5	27.0	4.9	30	<0.1	17.1	8.7	802	0.86	110.5	5.4	0.6	16	0.8	0.3	<0.1	3
613488	Drill Core	3.83	35	0.3	22.6	5.3	27	0.2	18.6	7.7	630	0.72	243.8	7.7	0.3	14	0.9	0.4	<0.1	3
613489	Drill Core	2.40	9	4.5	37.1	9.2	29	2.6	13.8	7.6	1044	1.07	62.5	12.3	0.3	15	0.9	0.5	0.3	4
613490	Drill Core	2.24	11	6.5	48.5	10.0	40	3.1	19.6	10.5	1327	1.23	60.7	6.9	0.3	16	1.1	0.5	0.3	5
613491	Drill Core	4.64	9	3.0	36.0	9.1	41	0.4	12.9	7.7	1354	0.96	48.8	6.1	0.3	14	1.3	0.4	0.2	4
613492	Drill Core	3.41	13	0.6	33.6	9.0	58	0.3	16.0	5.8	818	1.49	523.4	9.2	1.7	10	0.6	0.5	0.2	8
613493	Drill Core	4.66	12	3.1	41.2	13.8	144	0.4	27.0	10.4	1453	1.84	535.7	1.3	2.3	63	1.2	0.8	0.2	20
613494	Drill Core	1.89	9	5.7	56.8	25.5	315	0.3	48.7	19.7	2755	3.11	336.7	<0.5	3.3	79	1.0	0.5	0.2	30
613495	Drill Core	4.15	6	2.8	60.9	9.1	163	0.3	43.7	17.1	1671	3.29	36.8	<0.5	3.2	32	0.4	0.7	0.2	15



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Part 2

CERTIFICATE OF ANALYSIS

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	Method	Analyte	Unit	MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD			
					P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
					%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
					0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613466	Drill Core	0.914	8	64	0.06	891	0.012	<20	0.72	<0.001	0.15	1.5	0.13	4.1	<0.1	0.41	3	8.4	<0.2				
613467	Drill Core	0.199	4	18	0.04	162	0.002	<20	0.31	0.002	0.06	0.7	0.21	1.8	0.7	2.28	<1	4.6	<0.2				
613468	Drill Core	0.031	1	5	0.39	99	0.001	<20	0.21	0.003	0.07	0.1	0.16	1.0	1.0	4.06	<1	2.1	<0.2				
613469	Rock Pulp	0.029	17	27	0.05	3103	0.001	<20	0.34	0.004	0.12	9.0	1.94	1.4	2.8	0.11	2	0.6	0.3				
613470	Drill Core	0.671	8	56	0.12	17	0.008	<20	0.61	0.002	0.14	1.3	0.21	2.9	0.4	3.91	2	11.4	<0.2				
613471	Drill Core	0.919	9	72	0.18	32	0.017	<20	0.73	<0.001	0.17	1.8	0.14	3.5	0.1	2.06	2	12.6	<0.2				
613472	Drill Core	0.827	9	83	0.67	280	0.009	<20	0.68	<0.001	0.14	1.3	0.17	6.3	0.1	1.02	2	5.3	<0.2				
613473	Drill Core	0.179	7	28	0.27	381	0.002	<20	0.43	0.002	0.07	0.7	0.21	4.4	0.3	0.97	2	3.6	<0.2				
613474	Drill Core	0.028	3	16	0.89	143	0.001	<20	0.31	0.003	0.08	0.3	0.07	2.9	0.2	0.64	<1	1.1	<0.2				
613475	Drill Core	0.006	1	1	0.01	46	<0.001	<20	0.14	0.002	0.04	<0.1	<0.01	0.3	<0.1	0.37	<1	0.9	<0.2				
613476	Drill Core	0.007	<1	5	0.01	45	<0.001	<20	0.17	0.002	0.04	0.4	0.35	0.4	1.6	4.66	<1	12.9	1.6				
613477	Drill Core	0.034	3	5	0.06	54	<0.001	<20	0.20	0.004	0.08	0.2	0.02	0.6	0.2	0.91	<1	0.7	<0.2				
613478	Drill Core	0.017	3	6	0.37	50	<0.001	<20	0.17	0.005	0.08	0.2	0.02	0.9	0.1	0.89	<1	0.8	<0.2				
613479	Rock	0.078	13	4	0.52	178	0.145	<20	0.97	0.079	0.48	<0.1	<0.01	2.0	0.3	<0.05	5	<0.5	<0.2				
613480	Drill Core	0.033	3	4	0.25	62	<0.001	<20	0.15	0.003	0.07	0.3	0.04	0.9	0.1	1.97	<1	1.0	<0.2				
613481	Drill Core	0.031	3	7	0.86	218	0.002	<20	0.18	0.003	0.07	0.3	0.04	1.7	0.2	1.11	<1	0.8	<0.2				
613482	Drill Core	0.114	8	12	0.36	193	0.001	<20	0.34	0.005	0.14	0.4	0.07	4.1	0.2	1.63	1	1.6	<0.2				
613483	Drill Core	0.065	8	7	0.40	123	<0.001	<20	0.31	0.006	0.16	0.3	0.05	2.1	0.3	2.61	1	1.9	<0.2				
613484	Drill Core	0.109	4	19	0.93	183	0.002	<20	0.27	0.004	0.10	0.4	0.04	2.1	0.1	1.84	<1	2.1	<0.2				
613485	Drill Core	0.051	7	9	0.78	183	0.001	<20	0.33	0.007	0.16	0.3	0.07	2.4	0.3	1.70	1	1.2	<0.2				
613486	Drill Core	0.036	7	12	0.65	72	<0.001	<20	0.24	0.005	0.12	0.1	0.01	1.5	<0.1	0.42	<1	0.8	<0.2				
613487	Drill Core	0.013	2	5	0.29	36	<0.001	<20	0.09	0.002	0.04	0.4	<0.01	0.7	<0.1	0.46	<1	<0.5	<0.2				
613488	Drill Core	0.010	1	7	0.24	39	<0.001	<20	0.09	0.001	0.04	0.2	<0.01	0.8	<0.1	0.36	<1	<0.5	<0.2				
613489	Drill Core	0.011	<1	7	0.46	31	<0.001	<20	0.07	0.002	0.04	6.5	<0.01	0.5	<0.1	0.46	<1	<0.5	<0.2				
613490	Drill Core	0.009	<1	16	0.50	33	<0.001	<20	0.08	0.002	0.04	6.5	0.01	0.7	<0.1	0.53	<1	0.6	<0.2				
613491	Drill Core	0.011	<1	6	0.35	32	<0.001	<20	0.07	0.002	0.04	0.5	0.02	0.6	<0.1	0.47	<1	<0.5	<0.2				
613492	Drill Core	0.022	4	17	0.28	57	<0.001	<20	0.19	0.005	0.10	0.4	0.04	1.1	0.2	0.64	<1	<0.5	<0.2				
613493	Drill Core	0.047	4	11	0.95	97	<0.001	<20	0.21	0.003	0.10	0.4	0.06	2.1	0.2	0.56	<1	0.9	<0.2				
613494	Drill Core	0.061	6	9	1.53	159	0.001	<20	0.29	0.005	0.12	0.4	0.05	2.8	0.1	0.43	1	1.3	<0.2				
613495	Drill Core	0.069	5	11	0.96	124	0.002	<20	0.29	0.006	0.16	0.3	0.03	1.6	0.1	1.02	<1	1.0	<0.2				



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Client:

Radius Gold Inc.

830 - 355 Burrard St.
Vancouver BC V6C 2G8 Canada

Project:

Sixty Mile

Report Date:

November 14, 2011

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CERTIFICATE OF ANALYSIS

WHI11001737.1

	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613496	Drill Core	5.02	8	1.5	45.4	9.4	126	0.3	36.8	14.5	1771	2.58	41.1	0.6	3.0	23	0.4	0.6	0.2	11
613497	Drill Core	3.86	8	0.9	45.2	3.9	95	0.2	25.4	10.5	1436	2.05	28.7	<0.5	1.7	37	0.3	0.8	0.2	14
613498	Drill Core	4.52	12	1.2	48.0	5.6	95	0.3	45.4	14.2	729	2.88	12.0	0.5	6.5	16	0.1	0.4	0.2	18
613499	Rock Pulp	0.08	2458	23.2	13.8	16.3	36	0.3	18.8	2.6	16	0.90	104.7	2579	4.0	99	0.2	69.2	0.2	63
613500	Drill Core	4.71	29	4.2	44.7	3.7	84	0.2	41.9	12.0	665	2.40	3008	12.3	5.6	18	0.2	0.5	0.2	14
613501	Drill Core	4.65	869	0.9	44.4	5.3	115	0.5	59.8	17.9	921	3.46	1820	470.5	6.0	13	<0.1	0.6	0.2	19
613502	Drill Core	3.73	10	0.8	38.3	4.4	109	0.2	42.1	11.7	631	2.68	14.2	<0.5	4.9	8	0.1	0.2	0.2	17
613503	Drill Core	2.52	8	1.0	43.4	6.2	122	0.2	49.5	17.3	775	2.87	10.4	0.7	6.3	8	<0.1	0.1	0.2	20
613504	Drill Core	4.33	549	0.9	53.1	6.9	137	0.4	52.0	15.5	1021	3.05	16.1	185.7	6.1	23	0.1	0.2	0.2	18
613505	Drill Core	1.93	474	11.5	50.2	10.3	81	0.4	41.3	11.9	702	3.02	749.3	46.4	5.2	15	0.2	0.6	0.3	19
613506	Drill Core	3.12	15	1.0	46.3	4.4	105	0.4	45.2	12.4	586	2.59	7.8	<0.5	5.8	6	0.2	0.1	0.2	17
613507	Drill Core	4.33	3	0.2	67.4	3.8	82	0.2	13.0	24.3	1219	5.74	2.7	<0.5	0.6	95	0.1	<0.1	<0.1	153
613508	Drill Core	7.81	2	0.3	64.9	3.5	70	0.1	21.8	23.8	1082	4.95	1.5	<0.5	1.3	80	0.1	0.1	<0.1	122
613509	Drill Core	5.22	5	<0.1	150.4	2.5	73	0.2	36.4	28.0	1111	5.34	1.4	2.2	0.7	124	<0.1	0.2	<0.1	161
613510	Drill Core	5.09	7	<0.1	154.5	1.5	76	0.4	25.7	27.5	944	5.41	0.9	3.7	0.4	100	<0.1	0.2	<0.1	186
613511	Drill Core	4.68	5	<0.1	132.2	1.2	75	0.3	24.3	27.0	1067	5.51	1.4	4.5	0.5	120	<0.1	0.2	<0.1	204
613512	Drill Core	5.61	<2	<0.1	135.4	1.2	68	0.2	24.0	22.1	886	4.79	1.1	0.8	0.6	77	<0.1	0.2	<0.1	157
613513	Drill Core	5.09	<2	0.1	116.6	1.1	54	0.1	18.3	17.3	662	3.43	0.8	<0.5	0.6	63	<0.1	0.2	<0.1	89
613514	Drill Core	4.96	12	<0.1	154.9	0.9	52	0.1	19.7	20.6	664	3.61	0.7	3.3	0.2	58	<0.1	0.3	<0.1	117
613515	Drill Core	5.12	12	<0.1	223.1	1.0	62	0.2	21.2	20.9	699	3.90	0.9	1.3	0.3	55	<0.1	0.3	<0.1	128
613516	Drill Core	5.44	9	0.1	142.4	1.3	73	0.5	32.8	26.8	849	4.96	1.9	4.9	0.3	64	<0.1	0.3	<0.1	169
613517	Rock Pulp	0.07	2397	21.9	13.7	16.1	35	0.3	17.8	2.6	16	0.89	100.8	2584	3.9	94	0.2	65.8	0.1	64
613518	Drill Core	5.78	16	<0.1	133.4	2.3	77	0.9	25.0	22.9	844	4.44	5.8	4.7	0.3	85	0.1	0.4	<0.1	154
613519	Drill Core	3.07	10	0.1	187.0	2.2	70	0.3	24.1	27.2	1028	5.48	1.8	4.4	0.6	91	0.1	0.2	<0.1	155
613520	Drill Core	3.77	<2	<0.1	76.1	2.3	50	0.1	17.1	20.5	867	4.06	1.2	0.5	0.4	83	<0.1	0.2	<0.1	111
613521	Drill Core	5.14	<2	<0.1	96.8	1.3	60	<0.1	26.5	17.3	734	3.36	1.4	<0.5	0.5	63	<0.1	0.2	<0.1	86
613522	Drill Core	5.20	<2	0.3	63.2	0.7	62	<0.1	14.4	15.1	827	3.29	1.0	<0.5	0.6	51	<0.1	0.2	<0.1	83
613523	Drill Core	5.89	3	<0.1	171.0	0.9	61	0.1	20.1	20.0	643	3.57	0.7	<0.5	0.2	62	<0.1	0.3	<0.1	126
613524	Drill Core	4.38	<2	<0.1	118.4	1.6	55	<0.1	16.9	15.6	539	2.97	1.0	6.5	0.4	63	<0.1	0.3	<0.1	88
613525	Drill Core	5.22	4	<0.1	141.0	1.8	60	0.1	29.8	20.9	757	3.80	1.0	3.1	0.6	80	<0.1	0.3	<0.1	116



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD	
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613496	Drill Core	0.046	5	6	0.87	105	0.002	<20	0.30	0.006	0.15	0.3	0.03	1.6	0.1	0.81	<1	0.7	<0.2	
613497	Drill Core	0.058	4	12	0.79	117	0.001	<20	0.23	0.005	0.11	0.3	0.02	1.7	0.1	0.44	<1	<0.5	<0.2	
613498	Drill Core	0.041	11	10	0.62	156	0.002	<20	0.36	0.006	0.21	0.2	0.04	1.7	0.2	0.86	1	0.7	<0.2	
613499	Rock Pulp	0.024	15	26	0.04	2804	0.001	<20	0.29	0.004	0.11	9.0	1.69	1.2	2.3	0.13	1	0.6	0.3	
613500	Drill Core	0.041	10	12	0.57	131	0.001	<20	0.32	0.006	0.19	0.3	0.02	1.3	0.1	0.66	<1	0.8	<0.2	
613501	Drill Core	0.044	10	10	0.51	161	0.001	<20	0.40	0.006	0.21	0.4	0.06	1.9	0.3	1.33	1	1.5	<0.2	
613502	Drill Core	0.038	10	12	0.55	132	0.002	<20	0.34	0.007	0.18	0.1	<0.01	1.3	<0.1	0.41	1	<0.5	<0.2	
613503	Drill Core	0.044	11	13	0.57	150	0.001	<20	0.38	0.008	0.20	0.2	<0.01	1.7	<0.1	0.48	1	0.6	<0.2	
613504	Drill Core	0.049	11	14	0.71	152	0.002	<20	0.41	0.007	0.22	0.2	0.01	1.6	0.1	0.64	1	0.9	<0.2	
613505	Drill Core	0.037	8	10	0.62	137	0.001	<20	0.45	0.004	0.15	0.3	0.02	1.8	0.1	0.91	1	1.0	<0.2	
613506	Drill Core	0.035	11	13	0.47	144	0.001	<20	0.35	0.006	0.21	0.1	<0.01	1.3	0.1	0.48	1	0.7	<0.2	
613507	Drill Core	0.038	3	13	2.99	761	0.003	<20	1.53	0.021	0.11	<0.1	<0.01	14.8	<0.1	0.18	4	<0.5	<0.2	
613508	Drill Core	0.051	7	23	2.02	879	0.003	<20	1.47	0.014	0.24	<0.1	0.04	16.3	<0.1	0.09	4	<0.5	<0.2	
613509	Drill Core	0.064	4	46	2.49	873	0.009	<20	2.33	0.015	0.30	<0.1	0.02	15.8	0.1	<0.05	6	<0.5	<0.2	
613510	Drill Core	0.062	3	27	2.47	504	0.034	<20	2.67	0.039	0.29	<0.1	<0.01	13.4	<0.1	0.07	9	<0.5	<0.2	
613511	Drill Core	0.069	3	24	2.61	384	0.036	<20	2.87	0.027	0.37	<0.1	0.01	14.2	<0.1	0.06	9	<0.5	<0.2	
613512	Drill Core	0.068	3	35	2.48	264	0.037	<20	2.52	0.045	0.34	<0.1	<0.01	10.3	<0.1	<0.05	8	<0.5	<0.2	
613513	Drill Core	0.056	3	24	1.97	186	0.025	<20	1.99	0.040	0.31	<0.1	<0.01	7.4	<0.1	<0.05	5	<0.5	<0.2	
613514	Drill Core	0.066	1	24	1.71	186	0.065	<20	1.99	0.094	0.32	<0.1	0.01	7.0	<0.1	0.06	6	<0.5	<0.2	
613515	Drill Core	0.064	1	15	1.70	245	0.061	<20	2.12	0.059	0.38	<0.1	<0.01	5.7	<0.1	<0.05	6	<0.5	<0.2	
613516	Drill Core	0.064	2	58	2.50	248	0.056	<20	2.71	0.041	0.42	<0.1	<0.01	11.7	0.1	<0.05	7	<0.5	<0.2	
613517	Rock Pulp	0.025	15	25	0.03	2535	0.001	<20	0.28	0.004	0.11	8.4	1.68	1.1	2.3	0.12	1	0.7	0.2	
613518	Drill Core	0.075	2	26	2.03	189	0.063	<20	2.47	0.058	0.44	<0.1	<0.01	7.9	<0.1	<0.05	7	<0.5	<0.2	
613519	Drill Core	0.065	3	27	2.63	721	0.010	<20	2.68	0.017	0.35	<0.1	0.06	14.7	0.1	<0.05	8	<0.5	<0.2	
613520	Drill Core	0.041	2	26	2.03	380	0.017	<20	2.20	0.031	0.31	<0.1	0.08	10.9	<0.1	<0.05	6	<0.5	<0.2	
613521	Drill Core	0.054	2	45	1.83	126	0.028	<20	2.03	0.043	0.29	<0.1	<0.01	6.9	<0.1	<0.05	5	<0.5	<0.2	
613522	Drill Core	0.061	2	22	1.76	169	0.049	<20	1.99	0.057	0.35	<0.1	<0.01	5.9	<0.1	<0.05	6	<0.5	<0.2	
613523	Drill Core	0.069	1	20	1.63	164	0.072	<20	2.05	0.070	0.39	<0.1	<0.01	4.8	<0.1	0.07	5	<0.5	<0.2	
613524	Drill Core	0.066	2	17	1.49	168	0.059	<20	1.81	0.066	0.27	<0.1	<0.01	5.5	<0.1	<0.05	5	<0.5	<0.2	
613525	Drill Core	0.069	3	35	1.83	137	0.035	<20	2.04	0.054	0.24	<0.1	<0.01	9.8	<0.1	0.06	6	<0.5	<0.2	



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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613526	Drill Core	3.04	<2	0.2	114.9	2.5	81	0.2	18.5	21.1	980	4.43	1.4	0.5	1.8	52	<0.1	0.2	<0.1	104
613527	Rock	2.16	<2	0.1	2.9	3.0	45	<0.1	3.1	4.4	560	1.85	<0.5	<0.5	5.7	65	<0.1	<0.1	<0.1	38
613528	Drill Core	4.07	<2	<0.1	146.6	1.6	68	0.2	28.2	24.3	868	4.24	1.1	2.3	0.3	93	<0.1	0.4	<0.1	147
613529	Drill Core	4.82	11	<0.1	157.9	1.3	80	0.3	33.1	26.5	992	4.60	1.4	1.6	0.4	91	<0.1	0.1	<0.1	157
613530	Drill Core	3.11	5	<0.1	185.1	1.2	76	0.4	31.8	25.2	839	4.88	1.3	2.1	0.5	74	<0.1	0.2	<0.1	177
613531	Drill Core	2.82	7	<0.1	215.9	1.8	81	0.7	28.6	25.9	1181	5.33	1.3	1.2	0.6	188	0.1	0.3	<0.1	209
613532	Drill Core	4.91	3	<0.1	149.1	0.8	58	0.2	26.3	22.8	700	3.90	<0.5	2.1	0.2	67	<0.1	0.2	<0.1	136
613533	Drill Core	4.88	3	<0.1	151.5	0.9	72	0.3	26.1	26.2	808	5.08	0.7	10.5	0.3	68	<0.1	0.3	<0.1	163
613534	Drill Core	5.71	4	<0.1	174.0	1.1	63	0.2	22.2	25.0	904	4.82	1.6	4.9	0.4	102	<0.1	0.3	<0.1	145
613535	Drill Core	5.43	4	<0.1	166.6	2.1	77	0.2	27.3	29.5	1035	5.93	0.5	3.9	0.5	97	<0.1	0.3	<0.1	159
613536	Drill Core	5.32	<2	<0.1	118.4	2.9	78	0.1	22.2	28.5	1157	6.15	<0.5	3.4	0.6	81	<0.1	0.2	<0.1	166
613537	Drill Core	1.97	<2	0.1	53.8	3.2	106	0.1	16.1	27.9	1226	6.13	<0.5	<0.5	0.6	83	0.1	<0.1	<0.1	161
613538	Drill Core	1.86	<2	0.1	53.6	3.1	100	0.2	15.2	27.8	1216	6.04	<0.5	<0.5	0.6	83	<0.1	<0.1	<0.1	159
613539	Drill Core	4.85	<2	0.1	70.7	7.3	78	0.2	12.9	25.3	1512	5.91	<0.5	<0.5	0.6	127	0.1	<0.1	<0.1	144
613540	Drill Core	4.83	<2	0.1	55.1	21.5	71	0.3	13.6	18.5	1122	4.31	2.0	<0.5	5.9	109	0.2	<0.1	0.2	93
613541	Drill Core	1.48	<2	1.5	24.3	28.6	49	0.3	9.9	4.2	218	1.19	6.7	<0.5	10.0	35	0.3	0.3	0.3	3
613542	Drill Core	4.38	<2	2.5	52.0	11.0	69	0.4	38.4	9.6	1458	2.12	11.9	<0.5	6.0	57	0.3	0.5	0.2	15
613543	Drill Core	5.28	<2	1.8	44.4	11.1	80	0.2	54.0	11.0	2138	2.15	7.2	<0.5	6.2	43	0.2	0.4	0.3	20
613544	Drill Core	4.22	<2	1.3	48.4	10.0	79	0.2	71.6	12.7	880	2.60	4.0	<0.5	6.0	57	0.1	0.3	0.2	25
613545	Drill Core	4.50	<2	1.6	46.0	11.7	84	0.2	116.6	14.4	936	2.59	9.3	<0.5	5.6	102	0.2	0.3	0.2	18
613546	Drill Core	5.22	<2	2.0	54.9	11.6	67	0.3	53.3	11.1	626	2.52	3.7	<0.5	6.5	43	0.2	<0.1	0.2	20
613547	Rock Pulp	0.08	2413	20.9	16.3	15.6	40	0.3	21.1	2.8	17	0.85	110.6	4228	4.0	89	0.2	20.6	0.1	64
613548	Drill Core	5.04	3	1.1	55.4	12.3	92	0.3	92.2	14.6	734	2.94	5.1	2.4	6.9	65	0.2	0.1	0.2	22
613549	Drill Core	5.25	<2	0.6	28.1	19.1	117	0.1	48.3	18.6	761	4.20	3.4	1.1	13.8	53	0.2	<0.1	0.2	28
613550	Drill Core	4.78	<2	0.3	40.1	12.5	68	0.1	33.8	15.0	653	3.90	5.6	<0.5	14.3	31	<0.1	<0.1	0.2	14
613651	Drill Core	2.52	<2	0.7	19.8	10.7	60	0.1	28.0	10.8	523	2.20	33.8	<0.5	8.8	32	<0.1	0.2	0.1	12
613652	Drill Core	5.13	<2	1.0	41.3	18.3	78	0.3	50.6	17.8	864	3.13	57.3	<0.5	10.3	85	0.2	0.4	0.3	13
613653	Drill Core	4.42	<2	1.0	33.3	9.2	103	0.1	159.6	17.2	772	2.44	22.7	0.8	5.0	95	0.3	0.4	0.1	34
613654	Drill Core	4.22	<2	2.5	49.5	5.3	86	0.1	161.0	18.5	477	2.50	22.6	<0.5	3.3	68	0.2	0.3	<0.1	34
613655	Drill Core	4.31	<2	0.9	37.6	15.7	138	0.3	142.3	18.2	1330	2.79	41.4	<0.5	9.6	120	0.4	0.2	0.2	14



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	Method	Analyte	Unit	MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD			
					P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
					%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
					0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613526	Drill Core	0.071	8	15	2.07	453	0.006	<20	2.28	0.009	0.35	<0.1	0.05	11.5	<0.1	<0.05	6	<0.5	<0.2				
613527	Rock	0.070	14	11	0.52	151	0.136	<20	0.95	0.085	0.45	<0.1	<0.01	2.2	0.3	<0.05	4	<0.5	<0.2				
613528	Drill Core	0.064	2	37	1.90	165	0.052	<20	2.26	0.053	0.25	<0.1	<0.01	9.9	<0.1	0.06	7	<0.5	<0.2				
613529	Drill Core	0.068	3	51	2.02	164	0.035	<20	2.43	0.030	0.37	<0.1	0.02	13.5	<0.1	<0.05	7	<0.5	<0.2				
613530	Drill Core	0.064	3	41	2.19	231	0.054	<20	2.72	0.035	0.32	<0.1	<0.01	12.3	<0.1	<0.05	8	<0.5	<0.2				
613531	Drill Core	0.067	4	34	2.34	526	0.025	<20	2.69	0.024	0.11	<0.1	0.01	15.0	<0.1	0.06	10	<0.5	<0.2				
613532	Drill Core	0.056	2	35	1.78	226	0.058	<20	2.07	0.068	0.33	<0.1	<0.01	10.9	<0.1	<0.05	6	<0.5	<0.2				
613533	Drill Core	0.060	3	29	2.18	238	0.055	<20	2.61	0.051	0.36	<0.1	<0.01	13.6	<0.1	<0.05	9	<0.5	<0.2				
613534	Drill Core	0.060	3	20	2.07	280	0.054	<20	2.05	0.054	0.38	<0.1	0.02	13.2	<0.1	0.06	7	<0.5	<0.2				
613535	Drill Core	0.059	5	24	2.50	691	0.040	<20	2.19	0.029	0.58	<0.1	0.04	19.3	0.2	<0.05	7	<0.5	<0.2				
613536	Drill Core	0.051	5	26	2.85	285	0.014	<20	2.56	0.018	0.42	<0.1	<0.01	22.3	0.1	<0.05	8	<0.5	<0.2				
613537	Drill Core	0.042	5	21	3.26	372	0.005	<20	2.82	0.018	0.34	<0.1	<0.01	21.3	0.1	<0.05	8	<0.5	<0.2				
613538	Drill Core	0.046	5	22	3.22	361	0.005	<20	2.87	0.017	0.35	<0.1	<0.01	21.7	0.1	0.06	8	<0.5	<0.2				
613539	Drill Core	0.043	5	17	3.49	401	0.002	<20	1.82	0.025	0.15	<0.1	0.04	17.6	<0.1	0.06	6	<0.5	<0.2				
613540	Drill Core	0.036	12	12	2.53	506	0.004	<20	0.84	0.016	0.35	<0.1	0.03	13.9	0.1	0.05	3	<0.5	<0.2				
613541	Drill Core	0.018	16	5	0.55	219	<0.001	<20	0.40	0.007	0.22	<0.1	0.01	0.7	<0.1	0.23	<1	0.8	<0.2				
613542	Drill Core	0.061	17	8	0.60	437	0.002	<20	0.41	0.007	0.24	<0.1	0.02	2.1	0.1	0.31	1	1.6	<0.2				
613543	Drill Core	0.039	16	19	0.63	280	0.003	<20	0.54	0.007	0.21	<0.1	<0.01	3.9	0.1	0.16	2	0.9	<0.2				
613544	Drill Core	0.049	16	24	0.83	292	0.003	<20	0.55	0.008	0.23	<0.1	<0.01	4.0	<0.1	0.16	2	0.7	<0.2				
613545	Drill Core	0.048	13	34	1.27	208	0.001	<20	0.45	0.006	0.21	<0.1	<0.01	3.1	<0.1	0.25	1	0.7	<0.2				
613546	Drill Core	0.047	15	26	0.88	261	0.001	<20	0.50	0.009	0.22	<0.1	<0.01	3.2	<0.1	0.46	1	1.3	<0.2				
613547	Rock Pulp	0.025	16	27	0.05	2360	<0.001	<20	0.35	0.007	0.12	5.3	1.56	1.4	2.4	0.08	1	<0.5	0.3				
613548	Drill Core	0.043	15	30	0.99	345	0.001	<20	0.57	0.009	0.25	<0.1	<0.01	3.6	0.1	0.34	2	0.8	<0.2				
613549	Drill Core	0.041	31	22	1.39	218	0.001	<20	0.66	0.011	0.31	<0.1	<0.01	5.9	0.1	0.12	2	<0.5	<0.2				
613550	Drill Core	0.033	32	16	0.94	186	0.001	<20	0.58	0.011	0.30	<0.1	<0.01	4.3	0.1	0.21	1	<0.5	<0.2				
613651	Drill Core	0.025	18	11	0.62	146	<0.001	<20	0.40	0.009	0.22	<0.1	<0.01	2.5	<0.1	0.13	1	<0.5	<0.2				
613652	Drill Core	0.069	20	14	0.81	243	0.002	<20	0.51	0.007	0.30	<0.1	<0.01	2.9	0.1	0.23	1	0.7	<0.2				
613653	Drill Core	0.027	10	57	1.17	315	0.002	<20	0.49	0.006	0.19	<0.1	<0.01	3.8	<0.1	0.13	2	0.7	<0.2				
613654	Drill Core	0.055	8	54	0.51	340	0.002	<20	0.45	0.004	0.16	<0.1	0.01	2.8	<0.1	0.07	1	0.7	<0.2				
613655	Drill Core	0.035	17	65	1.18	211	0.001	<20	0.50	0.006	0.24	<0.1	0.01	2.5	<0.1	0.17	1	0.8	<0.2				



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Report Date: November 14, 2011

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
613656	Drill Core	4.63	<2	0.4	38.7	17.0	73	0.4	27.7	10.8	622	2.28	54.5	0.6	10.3	59	0.2	0.1	0.1	6
613657	Rock	2.89	<2	0.1	3.1	3.3	48	<0.1	3.5	4.5	568	1.97	<0.5	<0.5	6.1	70	<0.1	<0.1	<0.1	40
613658	Drill Core	4.65	<2	0.9	49.6	16.2	87	0.7	47.4	14.4	1728	2.27	104.9	0.9	7.2	83	0.3	0.2	0.2	8
613659	Drill Core	4.85	<2	0.5	38.7	21.5	105	0.3	36.4	13.1	550	2.62	25.5	<0.5	13.2	51	0.2	0.2	0.2	9
613660	Drill Core	1.53	13	1.1	39.4	18.5	140	0.3	33.5	14.7	618	3.41	474.1	15.2	15.0	44	0.4	0.5	0.3	10
613661	Drill Core	5.53	<2	1.1	31.5	59.2	134	0.6	47.2	15.7	603	3.62	8.3	1.8	12.9	48	0.2	0.3	1.0	36
613662	Drill Core	5.12	<2	0.3	25.2	19.9	73	0.1	22.7	11.9	609	2.79	9.8	0.6	14.1	37	<0.1	0.1	0.3	8
613663	Drill Core	4.92	<2	0.3	33.4	15.9	63	0.2	24.8	14.8	603	3.18	14.0	0.5	13.9	37	<0.1	0.2	0.3	9
613664	Drill Core	5.42	23	0.4	36.1	12.8	78	0.5	21.8	12.5	552	2.69	1107	12.1	12.8	62	0.2	0.3	0.2	8
613665	Drill Core	5.07	<2	0.3	26.2	22.6	64	0.4	22.1	13.5	551	2.81	58.7	1.3	14.0	46	<0.1	0.4	0.2	11
613666	Drill Core	5.70	11	0.4	25.4	13.5	54	3.2	31.2	12.9	710	2.62	935.5	8.1	12.2	117	0.1	2.9	0.2	10
613667	Drill Core	2.27	61	0.3	38.8	11.5	67	1.2	27.5	16.2	623	2.88	2629	36.7	14.2	47	0.1	0.7	0.2	6
613668	Drill Core	2.05	45	0.3	37.0	12.1	66	1.0	26.8	16.2	697	2.89	1975	31.2	13.7	49	0.1	0.5	0.3	6
613669	Drill Core	4.21	144	0.2	25.0	14.2	39	1.1	20.0	11.4	638	2.27	730.1	117.4	10.9	82	<0.1	0.6	0.3	5
613670	Drill Core	5.74	<2	0.3	22.0	11.4	57	0.2	23.9	11.5	688	2.61	35.4	8.6	12.9	44	<0.1	0.2	0.2	8
613671	Drill Core	4.33	<2	1.1	46.1	8.2	52	0.4	27.3	6.8	631	2.18	65.0	4.2	7.7	35	0.1	0.5	0.2	15
613672	Drill Core	3.72	39	0.9	34.9	14.9	75	1.0	33.9	10.1	314	1.96	2379	13.4	4.4	75	0.3	1.2	<0.1	12



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	Method Analyte Unit MDL	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	7TD
		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
613656	Drill Core	0.020	20	12	0.58	204	<0.001	<20	0.43	0.005	0.26	<0.1	<0.01	2.1	<0.1	0.15	<1	<0.5	<0.2	
613657	Rock	0.076	14	7	0.53	171	0.136	<20	1.02	0.098	0.47	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2	
613658	Drill Core	0.044	15	12	0.75	254	0.001	<20	0.41	0.007	0.28	<0.1	<0.01	2.3	<0.1	0.15	<1	0.7	<0.2	
613659	Drill Core	0.042	28	7	0.56	206	0.002	<20	0.50	0.008	0.28	<0.1	0.01	1.9	0.1	0.11	1	<0.5	<0.2	
613660	Drill Core	0.046	28	10	0.58	142	0.003	<20	0.45	0.009	0.28	<0.1	0.02	2.1	0.2	0.30	1	0.6	<0.2	
613661	Drill Core	0.043	29	37	1.71	223	0.030	<20	0.83	0.016	0.44	<0.1	<0.01	4.7	0.2	0.15	3	<0.5	<0.2	
613662	Drill Core	0.035	28	9	0.79	102	0.002	<20	0.43	0.013	0.27	<0.1	<0.01	2.0	0.1	0.06	1	<0.5	<0.2	
613663	Drill Core	0.036	29	10	0.85	102	0.001	<20	0.45	0.010	0.28	<0.1	<0.01	2.4	0.1	0.08	1	<0.5	<0.2	
613664	Drill Core	0.037	22	10	0.89	125	0.001	<20	0.41	0.011	0.29	<0.1	<0.01	2.5	0.1	0.23	1	<0.5	<0.2	
613665	Drill Core	0.043	27	9	0.79	141	0.005	<20	0.54	0.014	0.36	<0.1	0.01	2.6	0.3	0.11	2	<0.5	<0.2	
613666	Drill Core	0.051	26	13	0.99	168	0.003	<20	0.52	0.013	0.36	<0.1	0.01	2.7	0.2	0.07	2	<0.5	<0.2	
613667	Drill Core	0.037	25	6	0.59	180	0.001	<20	0.37	0.007	0.31	<0.1	0.02	2.4	0.1	0.24	<1	<0.5	<0.2	
613668	Drill Core	0.037	24	8	0.61	181	0.001	<20	0.40	0.008	0.33	<0.1	0.01	2.3	0.1	0.21	<1	<0.5	<0.2	
613669	Drill Core	0.038	16	5	0.81	145	0.001	<20	0.43	0.007	0.27	<0.1	<0.01	1.2	<0.1	0.26	1	<0.5	<0.2	
613670	Drill Core	0.039	26	8	0.82	112	0.001	<20	0.45	0.006	0.25	<0.1	<0.01	1.7	<0.1	0.08	1	<0.5	<0.2	
613671	Drill Core	0.081	21	9	0.44	189	0.002	<20	0.41	0.008	0.28	<0.1	<0.01	1.8	0.1	0.16	1	1.2	<0.2	
613672	Drill Core	0.043	12	11	0.22	257	0.001	<20	0.31	0.006	0.21	0.3	0.01	1.3	0.1	0.16	<1	0.7	<0.2	



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QUALITY CONTROL REPORT

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	Method Analyte Unit MDL	WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
Pulp Duplicates																				
611931	Drill Core	5.19	61	1.5	9.9	11.7	20	0.2	1.2	3.9	258	0.95	1306	47.1	10.8	22	0.1	0.2	0.1	3
REP 611931	QC			1.6	9.6	11.3	23	0.4	1.5	3.6	257	0.97	1372	1093	11.7	23	<0.1	0.3	0.1	3
611937	Drill Core	4.85	143	0.8	22.3	42.5	85	0.5	1.5	4.2	534	1.54	478.7	118.8	12.1	75	0.8	0.2	0.2	5
REP 611937	QC		86																	
611964	Drill Core	4.69	19	1.6	19.5	10.5	22	0.2	10.0	5.2	712	1.68	62.2	16.2	11.7	120	<0.1	0.3	<0.1	6
REP 611964	QC			1.4	19.9	10.6	21	0.2	10.8	5.9	711	1.68	67.2	18.1	11.4	117	<0.1	0.3	<0.1	6
611977	Drill Core	3.01	34	2.3	39.6	32.7	35	0.6	19.5	9.7	730	2.28	2739	16.2	9.3	81	0.3	0.6	0.1	6
REP 611977	QC		41																	
613393	Drill Core	4.63	<2	1.4	115.3	6.6	197	0.3	37.4	12.4	334	3.29	7.0	<0.5	4.0	11	0.3	0.2	0.2	18
REP 613393	QC			1.3	116.8	7.2	202	0.4	37.0	12.5	333	3.36	7.2	<0.5	4.0	11	0.3	0.2	0.2	18
613394	Drill Core	4.36	7	3.5	90.9	11.7	174	0.5	23.9	6.3	148	3.76	28.4	<0.5	2.9	24	0.4	0.6	0.2	39
REP 613394	QC		4																	
REP 613410	QC			6.6	113.2	47.0	114	0.5	12.6	2.4	42	3.00	538.8	6.0	2.9	17	0.1	0.7	0.2	45
613427	Drill Core	4.09	5	1.6	168.8	26.3	310	0.3	94.1	22.0	1679	4.94	77.4	6.6	6.5	9	3.1	0.4	0.1	17
REP 613427	QC		3																	
613431	Drill Core	4.15	3	1.4	109.2	14.2	146	0.5	26.8	10.8	364	3.15	34.9	<0.5	4.6	9	0.5	0.3	0.3	16
REP 613431	QC			1.4	111.7	14.5	147	0.4	25.2	10.2	370	3.17	35.8	1.8	4.7	9	0.5	0.2	0.3	16
613456	Drill Core	1.89	7	4.3	80.1	7.6	377	0.5	62.3	18.2	3665	3.68	175.1	0.8	3.0	31	5.1	0.7	0.2	40
REP 613456	QC		8																	
613469	Rock Pulp	0.04	2529	23.0	15.1	17.4	38	0.4	19.9	2.8	18	0.87	118.0	6314	4.2	96	0.2	59.7	0.1	62
REP 613469	QC			22.5	14.6	16.0	38	0.3	19.8	2.7	18	0.85	113.6	2929	3.9	93	0.2	58.6	0.1	61
613486	Drill Core	4.91	14	1.0	27.8	21.3	75	0.2	31.7	13.1	1226	1.48	515.7	7.2	3.3	27	0.4	0.6	0.1	5
REP 613486	QC		12																	
613507	Drill Core	4.33	3	0.2	67.4	3.8	82	0.2	13.0	24.3	1219	5.74	2.7	<0.5	0.6	95	0.1	<0.1	<0.1	153
REP 613507	QC			0.3	66.9	3.9	80	0.2	13.0	24.8	1206	5.87	2.7	12.0	0.6	100	0.1	<0.1	<0.1	153
613657	Rock	2.89	<2	0.1	3.1	3.3	48	<0.1	3.5	4.5	568	1.97	<0.5	<0.5	6.1	70	<0.1	<0.1	<0.1	40
REP 613657	QC		<2																	
613658	Drill Core	4.65	<2	0.9	49.6	16.2	87	0.7	47.4	14.4	1728	2.27	104.9	0.9	7.2	83	0.3	0.2	0.2	8



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Part 2

QUALITY CONTROL REPORT

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		P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
Pulp Duplicates																				
611931	Drill Core	0.024	15	2	0.19	154	<0.001	<20	0.40	0.005	0.21	0.5	0.02	1.0	<0.1	0.39	<1	<0.5	<0.2	
REP 611931	QC	0.025	16	2	0.17	161	<0.001	<20	0.41	0.004	0.22	0.7	0.02	1.0	<0.1	0.39	<1	<0.5	<0.2	
611937	Drill Core	0.030	14	3	0.46	210	0.001	<20	0.33	0.029	0.27	0.7	0.01	1.1	<0.1	0.58	1	<0.5	<0.2	
REP 611937	QC																			
611964	Drill Core	0.041	18	12	0.68	199	<0.001	<20	0.35	0.033	0.25	0.6	0.02	1.6	0.1	0.50	1	<0.5	<0.2	
REP 611964	QC	0.040	17	12	0.68	195	<0.001	<20	0.35	0.031	0.24	0.7	0.01	1.7	0.1	0.50	1	<0.5	<0.2	
611977	Drill Core	0.041	9	9	0.99	111	<0.001	<20	0.29	0.015	0.18	3.0	0.02	1.6	<0.1	0.66	<1	1.1	<0.2	
REP 611977	QC																			
613393	Drill Core	0.027	9	12	<0.01	78	<0.001	<20	0.29	0.004	0.11	0.2	0.03	2.4	<0.1	<0.05	1	0.7	<0.2	
REP 613393	QC	0.027	9	12	<0.01	78	<0.001	<20	0.30	0.003	0.11	0.2	0.03	2.5	0.1	<0.05	1	0.7	<0.2	
613394	Drill Core	0.039	5	18	0.01	99	<0.001	<20	0.27	0.005	0.10	0.2	0.09	2.7	0.2	<0.05	1	0.8	<0.2	
REP 613394	QC																			
REP 613410	QC	0.061	6	15	0.01	82	<0.001	<20	0.40	0.004	0.12	0.3	0.04	2.6	0.3	0.08	<1	1.4	<0.2	
613427	Drill Core	0.082	16	8	0.03	82	0.001	<20	0.70	0.009	0.16	0.4	0.03	2.6	<0.1	<0.05	1	<0.5	<0.2	
REP 613427	QC																			
613431	Drill Core	0.072	14	8	0.03	77	0.001	<20	0.43	0.010	0.16	0.3	0.02	2.0	0.1	<0.05	1	1.8	<0.2	
REP 613431	QC	0.062	14	8	0.03	74	<0.001	<20	0.42	0.010	0.16	0.3	0.02	1.7	0.1	<0.05	1	1.4	<0.2	
613456	Drill Core	0.099	6	16	0.30	191	0.001	<20	0.28	0.004	0.09	0.2	0.02	4.3	<0.1	0.92	1	3.5	<0.2	
REP 613456	QC																			
613469	Rock Pulp	0.029	17	27	0.05	3103	0.001	<20	0.34	0.004	0.12	9.0	1.94	1.4	2.8	0.11	2	0.6	0.3	
REP 613469	QC	0.026	16	28	0.04	3133	0.001	<20	0.32	0.003	0.12	8.6	1.79	1.4	2.5	0.11	1	0.6	0.2	
613486	Drill Core	0.036	7	12	0.65	72	<0.001	<20	0.24	0.005	0.12	0.1	0.01	1.5	<0.1	0.42	<1	0.8	<0.2	
REP 613486	QC																			
613507	Drill Core	0.038	3	13	2.99	761	0.003	<20	1.53	0.021	0.11	<0.1	<0.01	14.8	<0.1	0.18	4	<0.5	<0.2	
REP 613507	QC	0.040	3	13	3.05	767	0.003	<20	1.52	0.023	0.11	<0.1	<0.01	14.4	<0.1	0.18	5	0.5	<0.2	
613657	Rock	0.076	14	7	0.53	171	0.136	<20	1.02	0.098	0.47	<0.1	<0.01	2.4	0.3	<0.05	5	<0.5	<0.2	
REP 613657	QC																			
613658	Drill Core	0.044	15	12	0.75	254	0.001	<20	0.41	0.007	0.28	<0.1	<0.01	2.3	<0.1	0.15	<1	0.7	<0.2	



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QUALITY CONTROL REPORT

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2
REP 613658	QC			0.9	46.3	15.4	82	0.7	43.8	13.7	1549	2.16	97.8	<0.5	6.8	80	0.3	0.4	0.2	7
Core Reject Duplicates																				1.26
611952	Drill Core	5.12	196	0.8	10.8	6.4	16	0.2	1.6	1.6	542	1.03	94.2	264.4	16.2	75	<0.1	0.2	<0.1	3
DUP 611952	QC		216	0.8	11.1	6.7	16	0.2	1.9	1.9	549	1.06	117.2	443.8	16.8	75	<0.1	0.2	0.1	3
613375	Drill Core	3.21	44	1.1	147.6	8.5	3	1.1	3.0	1.7	32	1.93	>10000	33.1	0.4	5	<0.1	5.6	<0.1	5
DUP 613375	QC		45	1.3	154.8	8.5	3	1.3	3.5	2.1	29	2.08	>10000	44.4	0.4	4	<0.1	7.1	<0.1	6
613410	Drill Core	3.20	55	6.5	113.2	47.8	109	0.5	12.7	2.5	42	3.02	536.6	5.6	3.0	17	0.1	0.7	0.1	45
DUP 613410	QC		54	6.3	110.8	49.9	114	0.5	12.5	2.5	46	3.02	540.7	7.2	3.0	17	0.1	0.7	0.1	43
613445	Drill Core	3.80	19	3.2	140.2	10.0	219	0.5	28.4	8.7	263	4.85	172.0	5.6	4.6	24	<0.1	1.2	0.2	27
DUP 613445	QC		20	3.2	136.8	10.4	207	0.5	27.2	8.6	255	4.71	159.9	3.1	4.7	24	0.1	1.3	0.1	27
613480	Drill Core	4.36	36	1.4	43.3	8.9	67	0.3	19.8	6.8	475	2.06	133.7	7.1	1.0	22	0.9	1.4	0.1	7
DUP 613480	QC		42	1.4	42.6	9.6	66	0.3	21.0	7.0	470	2.23	126.9	8.5	1.0	22	0.9	1.4	0.1	7
613515	Drill Core	5.12	12	<0.1	223.1	1.0	62	0.2	21.2	20.9	699	3.90	0.9	1.3	0.3	55	<0.1	0.3	<0.1	128
DUP 613515	QC		5	<0.1	229.7	1.1	63	0.2	22.0	21.8	697	3.98	0.6	2.8	0.3	55	<0.1	0.3	<0.1	135
613550	Drill Core	4.78	<2	0.3	40.1	12.5	68	0.1	33.8	15.0	653	3.90	5.6	<0.5	14.3	31	<0.1	<0.1	0.2	14
DUP 613550	QC		<2	0.4	38.9	12.0	68	0.1	31.2	14.4	644	3.77	5.2	<0.5	13.8	32	<0.1	<0.1	0.2	14
Reference Materials																				
STD DS8	Standard			13.9	115.5	139.1	323	2.0	40.0	7.9	634	2.56	23.6	111.1	7.1	70	2.4	4.8	6.1	42
STD DS8	Standard			13.0	108.2	124.0	303	1.8	39.3	7.5	593	2.44	24.2	94.3	7.1	67	2.2	4.9	6.6	41
STD DS8	Standard			13.6	108.7	118.9	298	1.7	38.4	7.6	594	2.48	26.7	98.9	6.2	71	2.2	5.3	6.8	40
STD DS8	Standard			14.7	121.6	118.4	314	1.8	40.4	8.5	628	2.48	25.3	98.7	7.0	71	2.4	4.4	6.5	46
STD DS8	Standard			14.2	112.8	133.9	336	1.9	41.0	7.8	655	2.61	26.5	103.4	6.6	73	2.4	3.4	6.5	44
STD DS8	Standard			14.4	112.6	127.0	319	1.8	40.6	8.0	616	2.56	24.4	132.5	7.5	74	2.4	5.2	7.6	44
STD DS8	Standard			13.1	106.4	126.0	297	1.8	37.7	7.2	571	2.37	20.4	102.9	6.3	57	2.3	4.1	5.8	40
STD DS8	Standard			12.8	107.8	124.1	328	1.8	41.2	7.7	619	2.55	25.6	99.9	6.5	73	2.2	4.3	6.5	41
STD DS8	Standard			14.7	114.0	123.8	317	1.9	40.6	8.0	623	2.58	25.1	105.9	7.1	70	2.5	4.5	6.7	42
STD DS8	Standard			14.1	111.4	130.6	323	2.0	39.1	7.9	630	2.51	30.6	125.4	7.3	70	2.5	4.3	6.6	42
STD OREAS131B	Standard																			
STD OREAS153A	Standard																			



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	7TD Cu %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
REP 613658	QC	0.039	16	11	0.71	245	0.002	<20	0.40	0.007	0.27	<0.1	<0.01	2.2	<0.1	0.16	<1	<0.5	<0.2	
Core Reject Duplicates																				
611952	Drill Core	0.033	26	6	0.19	296	<0.001	<20	0.36	0.032	0.30	0.9	0.03	0.9	0.2	0.29	1	<0.5	<0.2	
DUP 611952	QC	0.036	27	6	0.19	322	<0.001	<20	0.39	0.033	0.31	1.0	0.03	0.9	0.2	0.30	1	<0.5	<0.2	
613375	Drill Core	0.069	<1	19	<0.01	111	0.002	<20	0.05	0.002	0.08	0.3	0.12	6.8	0.2	0.51	<1	7.2	1.0	
DUP 613375	QC	0.076	<1	19	<0.01	108	0.002	<20	0.05	0.002	0.07	0.4	0.13	7.5	0.2	0.59	<1	9.1	1.2	
613410	Drill Core	0.064	7	15	0.01	82	<0.001	<20	0.41	0.004	0.12	0.2	0.06	2.7	0.3	0.08	1	1.7	<0.2	
DUP 613410	QC	0.064	7	14	0.01	81	<0.001	<20	0.41	0.004	0.12	0.2	0.07	2.6	0.3	0.08	<1	1.9	<0.2	
613445	Drill Core	0.073	10	13	0.03	87	<0.001	<20	0.48	0.007	0.17	0.3	0.03	2.9	0.2	0.28	1	1.9	<0.2	
DUP 613445	QC	0.069	10	13	0.03	87	<0.001	<20	0.51	0.006	0.17	0.3	0.03	2.8	0.2	0.28	2	2.5	<0.2	
613480	Drill Core	0.033	3	4	0.25	62	<0.001	<20	0.15	0.003	0.07	0.3	0.04	0.9	0.1	1.97	<1	1.0	<0.2	
DUP 613480	QC	0.033	3	4	0.24	60	<0.001	<20	0.14	0.003	0.07	0.2	0.04	0.8	0.2	2.15	<1	1.1	<0.2	
613515	Drill Core	0.064	1	15	1.70	245	0.061	<20	2.12	0.059	0.38	<0.1	<0.01	5.7	<0.1	<0.05	6	<0.5	<0.2	
DUP 613515	QC	0.068	1	15	1.74	249	0.067	<20	2.21	0.063	0.38	<0.1	<0.01	6.1	<0.1	<0.05	6	<0.5	<0.2	
613550	Drill Core	0.033	32	16	0.94	186	0.001	<20	0.58	0.011	0.30	<0.1	<0.01	4.3	0.1	0.21	1	<0.5	<0.2	
DUP 613550	QC	0.032	31	15	0.97	184	0.001	<20	0.60	0.010	0.30	<0.1	<0.01	4.2	<0.1	0.19	2	<0.5	<0.2	
Reference Materials																				
STD DS8	Standard	0.078	16	119	0.62	317	0.107	<20	1.02	0.121	0.47	2.5	0.20	2.1	5.9	0.17	5	5.5	5.3	
STD DS8	Standard	0.081	13	117	0.60	276	0.106	<20	0.89	0.085	0.41	2.3	0.20	1.9	5.2	0.16	4	5.5	4.3	
STD DS8	Standard	0.073	14	115	0.60	281	0.120	<20	0.97	0.102	0.43	2.6	0.20	1.9	5.0	0.15	4	5.4	4.8	
STD DS8	Standard	0.074	17	124	0.61	285	0.138	<20	0.93	0.092	0.40	2.2	0.20	2.5	5.2	0.14	5	5.0	5.1	
STD DS8	Standard	0.083	17	122	0.66	309	0.116	<20	1.02	0.107	0.46	1.9	0.22	2.3	6.0	0.17	5	6.2	4.8	
STD DS8	Standard	0.077	15	125	0.62	295	0.119	<20	0.94	0.091	0.43	2.6	0.20	2.0	5.6	0.18	5	4.8	5.1	
STD DS8	Standard	0.070	14	112	0.58	276	0.104	<20	0.90	0.084	0.40	2.5	0.19	1.9	5.2	0.15	4	4.7	4.8	
STD DS8	Standard	0.077	15	120	0.62	289	0.113	<20	0.96	0.091	0.43	2.2	0.22	1.9	5.3	0.16	5	6.8	4.3	
STD DS8	Standard	0.084	17	125	0.63	301	0.137	<20	1.00	0.093	0.43	2.5	0.20	2.4	5.4	0.16	5	5.0	5.1	
STD DS8	Standard	0.081	17	117	0.63	298	0.119	<20	0.96	0.090	0.42	2.6	0.21	2.1	5.8	0.16	5	5.1	5.1	
STD OREAS131B	Standard																			0.022
STD OREAS153A	Standard																			0.698



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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OREAS45CA	Standard			1.0	508.4	21.4	61	0.3	240.2	92.0	937	16.10	8.0	43.3	7.3	16	<0.1	0.2	0.2	197	0.42
STD OREAS45CA	Standard			1.0	537.5	19.8	64	0.3	266.3	95.1	974	16.91	3.9	40.1	7.2	16	<0.1	0.1	0.2	210	0.44
STD OREAS45CA	Standard			0.6	501.0	18.9	62	0.3	242.8	94.1	893	16.04	4.2	46.9	6.7	19	0.2	<0.1	0.2	206	0.40
STD OREAS45CA	Standard			0.8	521.1	20.2	66	0.3	278.1	98.3	941	17.02	4.1	43.6	7.0	18	0.1	<0.1	0.2	198	0.43
STD OREAS45CA	Standard			0.8	560.2	21.5	62	0.3	279.9	98.7	1045	16.01	4.1	42.2	7.4	16	0.1	<0.1	0.2	226	0.46
STD OREAS45CA	Standard			0.8	547.0	25.3	69	0.3	275.0	98.0	986	17.49	4.0	42.5	8.2	17	<0.1	<0.1	0.2	223	0.45
STD OREAS45CA	Standard			0.6	479.2	19.4	60	0.3	234.8	90.5	879	15.29	2.8	37.6	6.6	14	<0.1	<0.1	0.2	219	0.40
STD OREAS45CA	Standard			1.0	536.3	19.9	63	0.3	255.9	95.4	952	16.68	3.1	43.6	6.8	16	<0.1	0.1	0.2	228	0.44
STD OREAS45CA	Standard			0.8	529.0	20.6	63	0.3	258.8	94.7	943	16.48	3.7	43.5	6.9	16	0.1	<0.1	0.2	228	0.42
STD OREAS45CA	Standard			0.7	524.3	22.6	62	0.3	262.6	94.0	959	15.02	3.4	43.8	7.5	10	<0.1	<0.1	0.2	213	0.45
STD OXC88	Standard		194																		
STD OXC88	Standard		192																		
STD OXC88	Standard		209																		
STD OXC88	Standard		203																		
STD OXC88	Standard		201																		
STD OXC88	Standard		187																		
STD OXC88	Standard		189																		
STD OXC88	Standard		211																		
STD OXC88	Standard		205																		
STD OXC88	Standard		197																		
STD OXC88	Standard		200																		
STD OXC88	Standard		196																		
STD OXH82	Standard		1289																		
STD OXH82	Standard		1270																		
STD OXH82	Standard		1276																		
STD OXH82	Standard		1367																		
STD OXH82	Standard		1259																		
STD OXH82	Standard		1203																		
STD OXH82	Standard		1319																		



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	7TD Cu %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
STD OREAS45CA	Standard	0.038	17	735	0.15	167	0.111	<20	3.72	0.015	0.08	0.4	0.04	37.3	0.1	<0.05	18	<0.5	<0.2	
STD OREAS45CA	Standard	0.041	16	684	0.15	159	0.119	<20	3.93	0.010	0.08	<0.1	0.04	37.2	<0.1	<0.05	19	<0.5	<0.2	
STD OREAS45CA	Standard	0.037	16	632	0.16	165	0.107	<20	3.93	0.006	0.07	<0.1	0.03	35.2	<0.1	<0.05	18	0.8	<0.2	
STD OREAS45CA	Standard	0.034	17	728	0.17	166	0.158	<20	3.88	0.012	0.07	<0.1	0.02	43.5	<0.1	<0.05	19	0.7	<0.2	
STD OREAS45CA	Standard	0.040	18	789	0.17	171	0.150	<20	4.28	0.009	0.08	<0.1	0.03	41.6	0.1	<0.05	21	0.5	<0.2	
STD OREAS45CA	Standard	0.038	18	721	0.16	173	0.145	<20	4.12	0.005	0.08	<0.1	0.02	37.1	<0.1	<0.05	20	<0.5	<0.2	
STD OREAS45CA	Standard	0.035	15	699	0.14	148	0.121	<20	3.62	0.005	0.07	<0.1	0.03	35.1	<0.1	<0.05	18	<0.5	<0.2	
STD OREAS45CA	Standard	0.038	16	725	0.16	160	0.140	<20	4.03	0.007	0.08	<0.1	0.02	36.6	<0.1	<0.05	19	1.4	<0.2	
STD OREAS45CA	Standard	0.039	17	759	0.17	169	0.156	<20	4.12	0.005	0.08	<0.1	0.02	39.6	<0.1	<0.05	19	0.7	<0.2	
STD OREAS45CA	Standard	0.040	18	749	0.16	168	0.132	<20	3.95	0.008	0.07	<0.1	0.02	39.1	0.1	<0.05	20	<0.5	<0.2	
STD OXC88	Standard																			
STD OXC88	Standard																			
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STD OXC88	Standard																			
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STD OXC88	Standard																			
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STD OXC88	Standard																			
STD OXH82	Standard																			
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STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			

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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
STD OXH82	Standard	1286																			
STD OXH82	Standard	1311																			
STD OXH82	Standard	1223																			
STD OXH82	Standard	1290																			
STD OXH82	Standard	1283																			
STD SU-1B	Standard																				
STD DS8 Expected			13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	4.8	6.67	41.1	0.7	
STD OREAS45CA Expected			1	494	20	60	0.275	240	92	943	15.69	3.8	43	7	15	0.1	0.13	0.19	215	0.4265	
STD OREAS131B Expected																					
STD SU-1B Expected																					
STD OREAS153A Expected																					
STD OXC88 Expected		203																			
STD OXH82 Expected		1278																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank	<2																			
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	
BLK	Blank	<2																			
BLK	Blank	<2																			



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	7TD Cu %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD OXH82	Standard																			
STD SU-1B	Standard																			1.153
STD DS8 Expected		0.08	14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD OREAS45CA Expected		0.0385	15.9	709	0.1358	164	0.128		3.592	0.0075	0.0717		0.03	39.7	0.07	0.021	18.4	0.5		
STD OREAS131B Expected																				0.0216
STD SU-1B Expected																				1.185
STD OREAS153A Expected																				0.712
STD OXC88 Expected																				
STD OXH82 Expected																				
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
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BLK	Blank																			
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BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			



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		WGHT	3B	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
		Wgt	Au	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca
		kg	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%
		0.01	2	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank			<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
BLK	Blank		<2																		
Prep Wash																					
G1	Prep Blank	<0.01	<2	0.1	2.5	3.0	44	<0.1	2.1	3.8	528	1.86	<0.5	<0.5	5.3	58	<0.1	<0.1	<0.1	35	0.47
G1	Prep Blank	<0.01	<2	<0.1	2.2	3.0	43	<0.1	2.2	3.8	522	1.85	<0.5	<0.5	4.8	59	<0.1	<0.1	<0.1	35	0.46



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		1DX P %	1DX La ppm	1DX Cr ppm	1DX Mg %	1DX Ba ppm	1DX Ti %	1DX B ppm	1DX Al %	1DX Na %	1DX K %	1DX W ppm	1DX Hg ppm	1DX Sc ppm	1DX Ti ppm	1DX S %	1DX Ga ppm	1DX Se ppm	1DX Te ppm	7TD Cu %
		0.001	1	1	0.01	1	0.001	20	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank	<0.001	<1	<1	<0.01	<1	<0.001	<20	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			
BLK	Blank																			<0.001
BLK	Blank																			
BLK	Blank																			
Prep Wash																				
G1	Prep Blank	0.070	13	10	0.48	143	0.117	<20	0.96	0.102	0.47	<0.1	<0.01	1.7	0.3	<0.05	4	<0.5	<0.2	
G1	Prep Blank	0.068	11	6	0.47	141	0.115	<20	0.95	0.102	0.47	<0.1	<0.01	1.7	0.3	<0.05	4	<0.5	<0.2	

APPENDIX E

Selected Analytical Results for
DDH11-15, 18, 19 and 20

Rackla Metals Inc. 2011 Sixtymile project; Thrust Fault Zone Diamond Drill Results																				
Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-15	RDU_SM_613001	ASSAY	WHI11001580	7.01	7.82		4.21	0.4	0.4	409.9	59		10	225	0.2	0.13	0.4	3.2	6	14.7
RDU_SM_DDH11-15	RDU_SM_613002	ASSAY	WHI11001580	7.82	8.53		3.38	1.3	0.63	2667.8	1555		10	262	0.6	0.37	0.5	6.8	17	14.2
RDU_SM_DDH11-15	RDU_SM_613003	ASSAY	WHI11001580	8.53	9.54		5.03	0.2	0.29	129.6	35		10	127	0.2	0.53	0.05	0.9	8	3.6
RDU_SM_DDH11-15	RDU_SM_613004	ASSAY	WHI11001580	9.54	10.5		3.74	0.05	0.36	9	7		10	172	0.05	0.56	0.05	0.4	7	1.8
RDU_SM_DDH11-15	RDU_SM_613005	ASSAY	WHI11001580	10.5	11.58		5.53	0.05	0.32	178.2	7		10	167	0.05	0.57	0.05	0.9	6	3.1
RDU_SM_DDH11-15	RDU_SM_613006	ASSAY	WHI11001580	11.58	12.52		3.08	0.05	0.37	486.3	59		10	166	0.05	0.78	0.05	1.5	9	2.9
RDU_SM_DDH11-15	RDU_SM_613007	ASSAY	WHI11001580	12.52	13.5		4.98	0.05	0.33	5.3	1		10	123	0.05	0.63	0.05	0.9	5	4.1
RDU_SM_DDH11-15	RDU_SM_613008	ASSAY	WHI11001580	13.5	14.5		4.76	0.05	0.37	4.9	1		10	164	0.05	0.6	0.05	0.6	10	4.2
RDU_SM_DDH11-15	RDU_SM_613009	ASSAY	WHI11001580	14.5	15.54		4.67	0.05	0.28	111.5	45		10	130	0.05	0.61	0.05	0.9	5	3.4
RDU_SM_DDH11-15	RDU_SM_613010	ASSAY	WHI11001580	15.54	16.5		4.93	0.05	0.39	51.4	7		10	174	0.05	1.22	0.05	0.7	12	3.4
RDU_SM_DDH11-15	RDU_SM_613012	ASSAY	WHI11001580	16.5	17		2.99	0.3	0.31	310.4	185		10	293	0.3	0.81	0.05	1.7	6	4.3
RDU_SM_DDH11-15	RDU_SM_613013	ASSAY	WHI11001580	17	17.5	Silicified zone with 1% vfg py clots	2.66	0.05	0.31	140.1	36		10	144	0.05	1.03	0.05	1.3	7	5
RDU_SM_DDH11-15	RDU_SM_613014	ASSAY	WHI11001580	17.5	18.52		5.8	0.05	0.34	6.9	5		10	162	0.05	0.34	0.05	0.5	8	2.7
RDU_SM_DDH11-15	RDU_SM_613015	ASSAY	WHI11001580	18.52	19.5		5.63	0.05	0.33	118.3	18		10	249	0.05	0.69	0.05	0.8	4	2.4
RDU_SM_DDH11-15	RDU_SM_613016	ASSAY	WHI11001580	19.5	20.51		4.8	0.05	0.38	26.4	117		10	204	0.05	0.65	0.05	0.7	9	3.6
RDU_SM_DDH11-15	RDU_SM_613017	ASSAY	WHI11001580	20.51	21.17		3.54	0.05	0.36	27.3	1		10	145	0.05	0.63	0.05	0.9	4	3.8
RDU_SM_DDH11-15	RDU_SM_613018	ASSAY	WHI11001580	21.17	21.59	Limonite breccia zone	2.2	0.05	0.37	51.4	3		10	459	0.05	2.08	0.05	0.8	4	4
RDU_SM_DDH11-15	RDU_SM_613019	ASSAY	WHI11001580	21.59	22.57		5.01	0.05	0.34	8.7	43		10	268	0.05	1.42	0.05	0.7	6	4.7
RDU_SM_DDH11-15	RDU_SM_613020	ASSAY	WHI11001580	22.57	23.39	Quartz vein with 0.5% vfg pyrite clots	4.69	0.05	0.31	57.1	14		10	140	0.05	0.36	0.05	0.7	3	6.4
RDU_SM_DDH11-15	RDU_SM_613022	ASSAY	WHI11001580	23.39	24.38		4.95	0.05	0.26	388.7	57		10	98	0.05	0.38	0.05	1	8	3.9
RDU_SM_DDH11-15	RDU_SM_613023	ASSAY	WHI11001580	24.38	25.37		4.87	0.05	0.33	2.9	1		10	115	0.05	1.25	0.05	0.7	4	4.7
RDU_SM_DDH11-15	RDU_SM_613024	ASSAY	WHI11001580	25.37	26.42		5.43	0.05	0.3	43.8	8		10	100	0.1	3.39	0.2	0.8	4	3.7
RDU_SM_DDH11-15	RDU_SM_613025	ASSAY	WHI11001580	26.42	27.43		4.91	0.05	0.36	93	36		10	151	0.05	0.05	0.05	2.1	6	5.5
RDU_SM_DDH11-15	RDU_SM_613026	ASSAY	WHI11001580	27.43	28.45		4.81	0.2	0.23	22.1	4		10	125	0.3	0.15	0.4	1.2	4	9.8
RDU_SM_DDH11-15	RDU_SM_613027	ASSAY	WHI11001580	28.45	29.37		5.03	0.2	0.28	3.2	1		10	140	0.3	0.56	0.5	1.4	11	9.3
RDU_SM_DDH11-15	RDU_SM_613028	ASSAY	WHI11001580	29.37	30.28		4.72	0.3	0.23	3.8	1		10	116	0.5	0.29	0.1	0.9	4	7.7
RDU_SM_DDH11-15	RDU_SM_613029	ASSAY	WHI11001580	30.28	30.87		2.89	0.3	0.28	4.6	3		10	136	0.4	0.14	0.05	1.4	4	10.5
RDU_SM_DDH11-15	RDU_SM_613030	ASSAY	WHI11001580	30.87	31.94	Silicified zone 0.5-1% vfg py clots and stringers	5.49	0.2	0.22	147.1	16		10	111	0.3	0.18	0.05	0.7	9	7.4
RDU_SM_DDH11-15	RDU_SM_613031	ASSAY	WHI11001580	31.94	33		3.33	0.4	0.26	1851	403		10	114	0.4	0.12	0.5	1.2	5	6.6
RDU_SM_DDH11-15	RDU_SM_613032	FieldDup	WHI11001580	31.94	33	Duplicate of RDU_SM_613032	2.5	0.3	0.28	1565.9	253		10	123	0.4	0.11	0.5	1.4	7	6.6
RDU_SM_DDH11-15	RDU_SM_613033	ASSAY	WHI11001580	33	34		5.53	0.3	0.27	1303.2	382		10	155	0.4	0.18	0.3	1.6	5	8
RDU_SM_DDH11-15	RDU_SM_613034	ASSAY	WHI11001580	34	35		5.02	0.3	0.21	330.6	85		10	144	0.4	0.27	0.6	1.1	5	8.3
RDU_SM_DDH11-15	RDU_SM_613035	ASSAY	WHI11001580	35	36		4.77	0.2	0.19	12.5	3		10	108	0.2	0.26	0.1	0.6	9	6.5
RDU_SM_DDH11-15	RDU_SM_613036	ASSAY	WHI11001580	36	37		4.8	0.2	0.28	106.6	7		10	113	0.2	0.64	0.05	1.1	4	7.9
RDU_SM_DDH11-15	RDU_SM_613037	ASSAY	WHI11001580	37	38		4.25	0.05	0.27	12.9	10		10	127	0.05	0.74	0.05	0.5	10	6.5
RDU_SM_DDH11-15	RDU_SM_613038	ASSAY	WHI11001580	38	39		4.69	0.05	0.26	7.9	20		10	129	0.05	0.7	0.05	0.9	4	6.8
RDU_SM_DDH11-15	RDU_SM_613039	ASSAY	WHI11001580	39	40		4.81	0.05	0.35	3.3	16		10	162	0.05	0.97	0.05	0.5	10	5.9
RDU_SM_DDH11-15	RDU_SM_613040	ASSAY	WHI11001580	40	41		5.16	0.05	0.29	6.7	3		10	132	0.05	0.75	0.05	0.5	6	6.7
RDU_SM_DDH11-15	RDU_SM_613041	ASSAY	WHI11001580	41	42		4.97	0.1	0.3	20.6	3		10	134	0.2	0.76	0.05	0.6	7	5.2
RDU_SM_DDH11-15	RDU_SM_613042	ASSAY	WHI11001580	42	43		5.01	0.05	0.31	7.2	2		10	152	0.05	0.65	0.05	0.3	4	3.1
RDU_SM_DDH11-15	RDU_SM_613043	ASSAY	WHI11001580	43	44		4.69	0.05	0.27	6.9	1		10	141	0.1	0.5	0.05	0.9	6	3.5
RDU_SM_DDH11-15	RDU_SM_613044	ASSAY	WHI11001580	44	45		5.32	0.2	0.24	163.1	11		10	127	0.3	0.58	0.2	0.7	4	3.7
RDU_SM_DDH11-15	RDU_SM_613045	ASSAY	WHI11001580	45	46		3.61	0.1	0.3	48.7	3		10	168	0.1	0.6	0.05	0.5	7	5.9
RDU_SM_DDH11-15	RDU_SM_613047	ASSAY	WHI11001580	46	47		3.17	0.05	0.29	97.9	9		10	139	0.05	0.69	0.05	0.9	4	4.8

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-15	1.11	1	0.005	0.22	33	0.04	188	0.8	0.033	7.3	0.015	40.6	0.025	0.2	1.4	0.25	23	15.6	0.0005	0.05	0.1	4	0.2	61
RDU_SM_DDH11-15	1.69	2	0.005	0.39	18	0.06	191	0.4	0.009	21.1	0.024	163.3	0.09	0.3	1.5	0.25	23	8.7	0.002	0.1	0.1	11	0.2	89
RDU_SM_DDH11-15	0.49	0.5	0.005	0.17	40	0.04	167	0.1	0.043	1.5	0.004	20.3	0.025	0.05	1.1	0.25	36	13.6	0.0005	0.05	0.1	1	0.05	8
RDU_SM_DDH11-15	0.42	1	0.005	0.28	37	0.04	145	0.2	0.03	1.2	0.003	6.3	0.025	0.05	1.1	0.25	31	13.4	0.0005	0.05	0.1	1	0.05	8
RDU_SM_DDH11-15	0.45	1	0.005	0.25	40	0.04	140	0.3	0.045	1.4	0.004	9.6	0.025	0.05	1.2	0.25	35	14.6	0.0005	0.05	0.1	1	0.05	9
RDU_SM_DDH11-15	0.51	1	0.005	0.27	40	0.04	187	0.2	0.05	1.3	0.004	8	0.025	0.05	1.1	0.25	48	15	0.0005	0.05	0.1	1	0.3	9
RDU_SM_DDH11-15	0.43	1	0.005	0.25	37	0.06	146	0.2	0.043	1.2	0.003	4	0.025	0.05	1.2	0.25	48	13.6	0.0005	0.1	0.1	1	0.05	6
RDU_SM_DDH11-15	0.47	1	0.005	0.29	37	0.05	149	0.3	0.051	1.3	0.003	3.3	0.025	0.05	1.2	0.25	39	13.9	0.0005	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.42	0.5	0.005	0.23	33	0.03	139	0.3	0.043	1.2	0.003	2.4	0.025	0.05	0.8	0.25	40	12	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.41	1	0.005	0.28	42	0.05	235	0.4	0.04	1.1	0.004	3.5	0.025	0.1	1.2	0.25	73	15.2	0.002	0.05	0.1	1	0.05	6
RDU_SM_DDH11-15	0.48	1	0.005	0.23	39	0.04	193	0.3	0.039	1.4	0.004	30	0.07	0.2	1	0.25	54	13.8	0.0005	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.4	1	0.005	0.22	38	0.05	214	0.5	0.036	1.8	0.004	7.8	0.11	0.1	1	0.25	71	12.2	0.001	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.39	1	0.005	0.25	35	0.04	107	0.4	0.027	1.6	0.003	3.3	0.025	0.05	1	0.25	22	12.5	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.45	0.5	0.005	0.23	32	0.07	124	0.3	0.025	0.9	0.003	5.3	0.025	0.05	0.9	0.25	29	12.4	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.44	1	0.005	0.23	43	0.05	163	0.3	0.022	1.5	0.004	8.5	0.025	0.05	1.2	0.25	34	15.2	0.0005	0.05	0.1	1	0.05	6
RDU_SM_DDH11-15	0.43	1	0.005	0.25	36	0.07	116	0.4	0.019	1.1	0.004	5.9	0.025	0.05	1.1	0.25	21	13.4	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.77	0.5	0.005	0.23	33	0.37	201	0.4	0.009	1.2	0.004	16.4	0.06	0.05	1.1	0.25	102	12.8	0.0005	0.05	0.1	1	0.1	7
RDU_SM_DDH11-15	0.59	0.5	0.005	0.24	43	0.2	178	1	0.012	1.1	0.005	4.3	0.025	0.05	0.8	0.25	50	13.5	0.0005	0.05	0.1	1	0.1	6
RDU_SM_DDH11-15	0.37	1	0.02	0.24	37	0.04	67	3.8	0.005	0.7	0.015	6.8	0.025	0.2	0.4	0.25	31	14.9	0.0005	0.05	0.1	1	0.1	5
RDU_SM_DDH11-15	0.52	0.5	0.01	0.22	36	0.06	94	0.3	0.024	0.7	0.003	11.8	0.11	0.2	0.4	0.25	39	18.5	0.0005	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.39	1	0.005	0.25	41	0.05	198	20	0.024	1.2	0.01	5.2	0.025	0.2	0.8	0.25	71	15.7	0.0005	0.1	0.1	1	0.05	5
RDU_SM_DDH11-15	0.36	0.5	0.005	0.23	32	0.04	332	47.5	0.008	1.4	0.011	8.5	0.025	0.1	0.8	0.25	142	14.8	0.0005	0.05	0.1	1	0.1	4
RDU_SM_DDH11-15	0.42	1	0.005	0.24	40	0.04	83	1.7	0.008	2.2	0.007	5.4	0.025	0.2	0.7	0.25	15	13	0.0005	0.05	0.1	1	0.1	16
RDU_SM_DDH11-15	1.1	1	0.01	0.2	44	0.04	141	0.9	0.015	2.6	0.004	21.9	0.08	0.6	0.9	0.25	24	21.4	0.0005	0.1	0.1	1	0.1	63
RDU_SM_DDH11-15	1.12	1	0.005	0.24	31	0.08	147	0.2	0.017	3.6	0.004	24.6	0.09	0.3	1	0.25	40	16.7	0.0005	0.05	0.1	2	0.1	71
RDU_SM_DDH11-15	0.87	1	0.005	0.23	36	0.06	119	0.2	0.016	2.6	0.003	30.5	0.06	0.3	0.7	0.25	28	17.4	0.0005	0.05	0.1	1	0.05	24
RDU_SM_DDH11-15	1.25	2	0.005	0.27	48	0.05	158	0.4	0.014	3.8	0.003	28.5	0.1	0.3	1.4	0.8	16	24.7	0.002	0.05	0.1	2	0.1	38
RDU_SM_DDH11-15	0.73	0.5	0.005	0.19	32	0.05	108	0.1	0.034	1.9	0.003	23.5	0.09	0.2	0.6	0.25	26	15.6	0.0005	0.05	0.1	1	0.1	18
RDU_SM_DDH11-15	0.65	0.5	0.005	0.2	35	0.04	66	0.3	0.032	1	0.003	28.8	0.14	0.4	0.4	0.5	19	18.2	0.0005	0.05	0.1	1	0.2	70
RDU_SM_DDH11-15	0.57	0.5	0.005	0.22	34	0.04	67	0.2	0.04	0.7	0.002	30.5	0.15	0.3	0.4	0.25	18	18.4	0.0005	0.05	0.1	1	0.2	69
RDU_SM_DDH11-15	0.62	0.5	0.005	0.25	31	0.06	82	0.6	0.019	2.2	0.003	20.5	0.11	0.3	0.4	0.25	24	17.7	0.0005	0.05	0.1	1	0.2	66
RDU_SM_DDH11-15	0.65	0.5	0.005	0.14	33	0.12	78	0.4	0.044	0.8	0.002	37.8	0.16	0.6	0.9	0.25	41	19.3	0.0005	0.05	0.1	2	0.1	99
RDU_SM_DDH11-15	0.67	0.5	0.005	0.16	30	0.11	84	0.2	0.037	0.7	0.002	18.1	0.23	0.5	0.7	0.25	50	17.2	0.0005	0.05	0.1	1	0.05	24
RDU_SM_DDH11-15	0.61	1	0.005	0.22	31	0.06	133	0.3	0.031	2.6	0.003	16.2	0.19	0.3	1	0.25	53	13.9	0.001	0.05	0.1	1	0.05	9
RDU_SM_DDH11-15	0.46	0.5	0.005	0.21	32	0.04	133	0.2	0.032	0.9	0.002	4.9	0.17	0.2	0.9	0.25	42	13.2	0.001	0.05	0.1	1	0.05	4
RDU_SM_DDH11-15	0.46	1	0.005	0.21	33	0.03	136	0.2	0.034	0.8	0.002	3.5	0.09	0.2	1	0.25	42	12.8	0.001	0.05	0.1	1	0.05	6
RDU_SM_DDH11-15	0.37	1	0.005	0.26	36	0.04	167	0.3	0.035	0.7	0.002	4.1	0.14	0.2	1	0.25	55	14	0.001	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.53	1	0.005	0.22	32	0.07	139	0.1	0.034	1.1	0.003	4.6	0.18	0.2	0.9	0.25	50	14.4	0.001	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.58	1	0.005	0.23	35	0.16	149	1	0.026	1.3	0.004	8	0.1	0.1	0.9	0.25	64	12.3	0.001	0.05	0.1	1	0.05	13
RDU_SM_DDH11-15	0.44	1	0.005	0.26	35	0.1	119	0.2	0.033	0.8	0.004	5	0.06	0.05	0.9	0.25	56	13	0.001	0.05	0.1	1	0.05	9
RDU_SM_DDH11-15	0.4	0.5	0.005	0.24	32	0.06	112	0.2	0.028	1	0.003	7.1	0.025	0.05	1	0.25	35	12.3	0.0005	0.05	0.1	1	0.05	13
RDU_SM_DDH11-15	0.43	0.5	0.005	0.2	29	0.07	113	0.2	0.028	0.9	0.003	13.2	0.025	0.1	0.9	0.25	36	10.7	0.0005	0.05	0.1	1	0.1	34
RDU_SM_DDH11-15	0.41	1	0.005	0.26	32	0.07	120	0.6	0.028	1	0.003	4.6	0.05	0.05	0.9	0.25	44	13.4	0.0005	0.05	0.1	1	3.1	8
RDU_SM_DDH11-15	0.47	1	0.005	0.25	35	0.09	135	0.4	0.03	0.9	0.003	5.2	0.09	0.1	0.9	0.25	49	12.6	0.0005	0.05	0.1	1	0.2	9

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-15	RDU_SM_613048	ASSAY	WHI11001580	47	48		3	0.1	0.26	3.6	5		10	128	0.1	0.65	0.05	1	7	7.9
RDU_SM_DDH11-15	RDU_SM_613049	ASSAY	WHI11001580	48	49.34		4.03	0.6	0.31	988.3	51		10	251	0.4	1.06	0.4	5.1	14	36.1
RDU_SM_DDH11-15	RDU_SM_613050	ASSAY	WHI11001580	49.34	50.1	Fault zone	2.88	0.5	0.3	101.3	5		10	151	0.5	1.04	0.2	8.7	20	35.7
RDU_SM_DDH11-15	RDU_SM_613051	ASSAY	WHI11001580	50.1	51		2.17	0.7	0.38	966.8	49		10	519	0.5	1.91	0.9	7.8	4	38.2
RDU_SM_DDH11-15	RDU_SM_613052	ASSAY	WHI11001580	51	52		3.29	0.5	0.34	88.1	29		10	232	0.4	1.94	0.3	6	11	28
RDU_SM_DDH11-15	RDU_SM_613053	ASSAY	WHI11001580	52	53		3.19	0.6	0.28	584.9	26		10	198	0.7	1.45	0.7	4	9	26
RDU_SM_DDH11-15	RDU_SM_613054	ASSAY	WHI11001580	53	54.5		4.67	0.4	0.28	95.5	5		10	176	0.4	1.76	0.2	2.2	8	19.8
RDU_SM_DDH11-15	RDU_SM_613055	ASSAY	WHI11001580	54.5	56		4.09	0.6	0.32	637.3	14		10	196	0.5	1.64	0.6	5.2	6	23.8
RDU_SM_DDH11-15	RDU_SM_613057	ASSAY	WHI11001580	56	57.5		4.73	0.8	0.38	208.7	52		10	205	1.2	1.4	0.5	5.4	5	10.2
RDU_SM_DDH11-15	RDU_SM_613058	ASSAY	WHI11001580	57.5	59		4.66	0.3	0.39	20.7	1		10	156	0.3	1.07	0.3	4.8	5	10.6
RDU_SM_DDH11-15	RDU_SM_613059	ASSAY	WHI11001580	59	60.5		4.94	0.3	0.32	20	7		10	160	0.3	1.02	0.2	2.5	5	15.1
RDU_SM_DDH11-15	RDU_SM_613060	ASSAY	WHI11001580	60.5	61.56		3.22	0.3	0.3	338	12		10	173	0.2	0.92	0.2	2.2	7	16.4
RDU_SM_DDH11-15	RDU_SM_613061	ASSAY	WHI11001580	61.56	62.62	Fault zone	3.32	0.7	0.3	436.5	17		10	175	0.6	1.13	0.3	5.9	10	28.5
RDU_SM_DDH11-15	RDU_SM_613062	ASSAY	WHI11001580	62.62	63.98	Fault zone	3.85	0.8	0.34	1175.6	87		10	893	0.4	1.2	0.3	15.3	3	36.1
RDU_SM_DDH11-15	RDU_SM_613063	ASSAY	WHI11001580	63.98	65		3.46	0.3	0.37	177.6	14		10	85	0.2	0.55	0.05	2.4	2	11.9
RDU_SM_DDH11-15	RDU_SM_613064	ASSAY	WHI11001580	65	66	Fault zone	3.02	0.3	0.37	796.3	22		10	204	0.2	1.94	0.05	5.4	4	16.7
RDU_SM_DDH11-15	RDU_SM_613065	ASSAY	WHI11001580	66	67.5	Fault zone	5.28	0.3	0.45	706.5	25		10	262	0.3	1.52	0.2	4.1	4	17
RDU_SM_DDH11-15	RDU_SM_613066	ASSAY	WHI11001580	67.5	69		2.02	0.4	0.33	1853.2	110		10	258	0.4	1.47	0.5	4.4	5	11.1
RDU_SM_DDH11-15	RDU_SM_613067	FieldDup	WHI11001580	67.5	69	Duplicate of RDU_SM_613066	2.59	0.3	0.32	1157.8	96		10	200	0.4	1.47	0.5	2.8	6	10.5
RDU_SM_DDH11-15	RDU_SM_613068	ASSAY	WHI11001580	69	70.5		4.12	0.4	0.29	1439.7	123		10	176	0.3	0.66	0.5	8.5	5	19
RDU_SM_DDH11-15	RDU_SM_613069	ASSAY	WHI11001580	70.5	72		4.14	0.4	0.34	1139.5	105		10	222	0.2	0.36	0.3	14.7	2	24.7
RDU_SM_DDH11-15	RDU_SM_613070	ASSAY	WHI11001592	72	73.55		4.08	0.4	0.36	330.7	75		10	442	0.3	1.92	0.4	7.3	2	11.5
RDU_SM_DDH11-15	RDU_SM_613071	ASSAY	WHI11001592	73.55	75		5.65	0.1	0.41	493.8	90		10	169	0.1	0.5	0.05	0.7	2	4.9
RDU_SM_DDH11-15	RDU_SM_613072	ASSAY	WHI11001592	75	76.2		2.74	0.05	0.24	198.3	80		10	106	0.05	0.78	0.05	0.6	0.5	6.4
RDU_SM_DDH11-15	RDU_SM_613073	ASSAY	WHI11001592	76.2	77.34	Dropped box; Avg between 76.20-80.16 m	3.16	0.1	0.33	150.2	105		10	160	0.05	0.81	0.05	0.6	3	4.4
RDU_SM_DDH11-15	RDU_SM_613074	ASSAY	WHI11001592	77.34	78.47	Dropped box; Avg between 76.20-80.16 m	2.82	0.05	0.31	260.5	20		10	134	0.05	1.18	0.05	0.7	4	6.3
RDU_SM_DDH11-15	RDU_SM_613075	ASSAY	WHI11001592	78.47	79.58	Dropped box; Avg between 76.20-80.16 m	2.36	0.1	0.28	169.2	149		10	126	0.1	0.87	0.1	0.8	8	5.1
RDU_SM_DDH11-15	RDU_SM_613076	ASSAY	WHI11001592	79.58	80.16	Dropped box; Avg between 76.20-80.16 m	3.31	0.05	0.3	92.9	40		10	138	0.05	1.15	0.05	0.6	3	5.1
RDU_SM_DDH11-15	RDU_SM_613077	ASSAY	WHI11001592	80.16	81		2.5	0.05	0.32	7.9	5		10	184	0.05	1.09	0.05	0.8	0.5	5.7
RDU_SM_DDH11-15	RDU_SM_613078	ASSAY	WHI11001592	81	82.5		4.4	0.2	0.35	188.4	31		10	132	0.1	0.87	0.05	0.8	3	5.9
RDU_SM_DDH11-15	RDU_SM_613079	ASSAY	WHI11001592	82.5	84		4.33	0.2	0.35	338.8	108		10	134	0.1	0.7	0.05	1.1	0.5	8
RDU_SM_DDH11-15	RDU_SM_613080	ASSAY	WHI11001592	84	85.5		4.67	0.1	0.31	3.8	1		10	208	0.1	0.92	0.05	0.8	4	5.7
RDU_SM_DDH11-15	RDU_SM_613081	ASSAY	WHI11001592	85.5	87		4.41	0.1	0.29	18.2	7		10	163	0.05	1.59	0.05	1.5	3	5.3
RDU_SM_DDH11-15	RDU_SM_613083	ASSAY	WHI11001592	87	87.89		3.43	0.1	0.33	55.2	10		10	162	0.1	1.55	0.05	3.8	15	7.1
RDU_SM_DDH11-15	RDU_SM_613084	ASSAY	WHI11001592	87.89	89		3.52	0.1	0.32	24.5	8		10	175	0.1	1.76	0.05	1.1	0.5	5.1
RDU_SM_DDH11-15	RDU_SM_613085	ASSAY	WHI11001592	89	90.5		4.79	0.05	0.35	17.9	9		10	204	0.1	1.45	0.05	0.9	4	4.2
RDU_SM_DDH11-15	RDU_SM_613086	ASSAY	WHI11001592	90.5	92		4.63	0.2	0.35	198.8	35		10	192	0.2	1.55	0.05	0.7	0.5	5.3
RDU_SM_DDH11-15	RDU_SM_613087	ASSAY	WHI11001592	92	93.5		5.17	0.1	0.35	85.5	63		10	212	0.1	1.33	0.05	0.9	4	7.5
RDU_SM_DDH11-15	RDU_SM_613088	ASSAY	WHI11001592	93.5	95		4.47	0.05	0.36	177.2	33		10	184	0.1	1.56	0.05	0.6	0.5	6
RDU_SM_DDH11-15	RDU_SM_613089	ASSAY	WHI11001592	95	96.5		4.33	0.1	0.4	55.3	11		10	161	0.2	0.82	0.05	0.9	4	9.5
RDU_SM_DDH11-15	RDU_SM_613090	ASSAY	WHI11001592	96.5	97.7		3.88	0.1	0.34	494.5	81		10	141	0.05	0.68	0.1	0.9	0.5	11
RDU_SM_DDH11-15	RDU_SM_613091	ASSAY	WHI11001592	97.7	98.42	Oxidized with 0.5% vfg stringers py	1.82	0.6	0.43	152.1	6		10	193	0.4	0.8	0.4	7	10	22.1
RDU_SM_DDH11-15	RDU_SM_613093	ASSAY	WHI11001592	98.42	99.23	Silicified zone with 0.5% vfg stringer py	2.53	0.7	0.34	258.6	31		10	188	0.5	0.76	1.1	4.3	8	11.4

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-15	0.51	0.5	0.005	0.2	34	0.09	125	0.3	0.036	1.9	0.003	9.4	0.15	0.2	1.2	0.25	46	13.1	0.0005	0.05	0.1	1	0.05	11
RDU_SM_DDH11-15	1.48	1	0.01	0.26	12	0.35	236	0.2	0.013	23.1	0.01	32.6	0.4	0.5	2.1	1	99	6.3	0.001	0.05	0.1	9	0.3	70
RDU_SM_DDH11-15	1.6	1	0.01	0.24	12	0.19	267	1.1	0.006	28.9	0.023	23.9	0.1	0.6	2.2	0.25	52	6.8	0.001	0.05	0.1	13	0.2	57
RDU_SM_DDH11-15	1.89	1	0.01	0.31	19	0.55	398	1.4	0.017	21.7	0.026	74.7	0.61	0.9	1.5	0.9	171	18.5	0.001	0.05	0.1	5	0.3	160
RDU_SM_DDH11-15	1.61	1	0.01	0.24	13	0.64	322	0.2	0.012	19.8	0.019	28.4	0.51	1.1	1.9	0.25	164	11	0.0005	0.1	0.1	8	0.2	55
RDU_SM_DDH11-15	1.2	0.5	0.005	0.21	14	0.44	237	0.3	0.01	12.3	0.006	46.9	0.36	0.9	1.4	0.8	136	7.3	0.0005	0.05	0.1	5	0.2	74
RDU_SM_DDH11-15	1.15	0.5	0.01	0.2	15	0.49	262	0.4	0.008	9.6	0.005	28.2	0.28	0.6	1.3	0.25	151	7.9	0.0005	0.05	0.1	3	0.2	46
RDU_SM_DDH11-15	1.67	0.5	0.01	0.25	13	0.52	330	0.7	0.01	19.4	0.012	90.1	0.48	0.6	1.5	0.5	172	12.7	0.0005	0.1	0.1	6	0.2	109
RDU_SM_DDH11-15	1.32	1	0.02	0.29	25	0.47	346	78.5	0.022	20.6	0.042	104.9	0.22	0.3	1.8	0.25	156	16.1	0.0005	0.1	0.1	5	0.2	105
RDU_SM_DDH11-15	1.05	1	0.02	0.26	29	0.34	298	44.7	0.02	18.1	0.032	36	0.14	0.1	1.5	0.25	107	14.7	0.0005	0.05	0.1	3	0.1	56
RDU_SM_DDH11-15	1.02	0.5	0.01	0.22	22	0.36	213	5.1	0.022	6.1	0.008	21	0.33	0.2	1.3	0.25	112	12.8	0.0005	0.05	0.1	4	0.1	33
RDU_SM_DDH11-15	0.82	0.5	0.01	0.23	22	0.3	182	0.3	0.007	7.7	0.006	26	0.09	0.3	1.1	0.25	94	9.7	0.0005	0.05	0.1	3	0.1	36
RDU_SM_DDH11-15	1.57	0.5	0.02	0.21	14	0.35	306	0.2	0.007	23.1	0.009	73.6	0.28	1.1	1.8	0.6	126	7.9	0.0005	0.05	0.1	8	0.1	64
RDU_SM_DDH11-15	2.22	1	0.02	0.21	18	0.37	451	1.1	0.004	15.3	0.036	52.3	0.24	1.1	3	1.3	153	10.4	0.0005	0.1	0.1	4	0.3	86
RDU_SM_DDH11-15	1.04	1	0.02	0.23	17	0.09	131	0.2	0.001	5.2	0.035	19.3	0.36	0.3	1.1	0.25	48	7.9	0.0005	0.2	0.1	1	0.2	24
RDU_SM_DDH11-15	2.11	1	0.02	0.23	8	0.31	457	0.2	0.005	9.2	0.049	18.2	0.73	0.2	1.8	0.25	144	7.6	0.0005	0.2	0.1	4	0.2	50
RDU_SM_DDH11-15	2.05	2	0.01	0.26	11	0.51	539	0.1	0.014	10.1	0.041	25.5	0.65	0.3	2.2	0.25	170	8.6	0.0005	0.1	0.1	5	0.3	49
RDU_SM_DDH11-15	1.38	0.5	0.02	0.21	17	0.47	371	0.05	0.007	6.5	0.012	51.8	0.26	0.9	1.9	0.25	166	9.5	0.0005	0.05	0.1	4	0.2	62
RDU_SM_DDH11-15	1.21	0.5	0.01	0.22	18	0.47	360	0.05	0.009	5.7	0.011	45.1	0.19	0.7	1.8	0.25	174	8.5	0.0005	0.05	0.1	4	0.2	58
RDU_SM_DDH11-15	1.52	0.5	0.02	0.22	17	0.21	223	0.1	0.005	12.7	0.009	33.4	0.43	0.7	1.7	0.25	90	10	0.0005	0.05	0.1	3	0.2	130
RDU_SM_DDH11-15	0.96	0.5	0.02	0.23	27	0.13	148	0.3	0.003	5.6	0.009	26.4	0.27	0.3	1	0.25	56	14.2	0.0005	0.05	0.1	1	0.2	45
RDU_SM_DDH11-15	2.68	1	0.005	0.25	19	0.59	634	0.5	0.008	8.2	0.024	26.7	0.52	0.7	2.2	0.25	226	15.3	0.0005	0.1	0.1	4	0.3	102
RDU_SM_DDH11-15	0.46	0.5	0.01	0.26	33	0.05	92	0.05	0.019	0.6	0.005	8.5	0.23	0.3	0.4	0.25	46	19.6	0.0005	0.1	0.1	1	0.1	8
RDU_SM_DDH11-15	0.5	0.5	0.01	0.17	34	0.03	135	0.1	0.032	0.8	0.003	4.7	0.29	0.3	0.5	0.25	74	19.2	0.0005	0.05	0.1	1	0.1	5
RDU_SM_DDH11-15	0.53	0.5	0.01	0.22	33	0.04	152	2.7	0.029	0.8	0.003	9.1	0.21	0.3	0.5	0.25	86	19.9	0.0005	0.05	0.1	1	0.2	6
RDU_SM_DDH11-15	0.46	0.5	0.005	0.21	36	0.04	200	2.9	0.03	0.8	0.004	6.5	0.22	0.2	0.5	0.25	113	21	0.0005	0.05	0.1	1	0.1	5
RDU_SM_DDH11-15	0.46	0.5	0.005	0.18	29	0.04	159	0.8	0.029	3.1	0.003	10	0.2	0.2	0.5	0.25	97	16.1	0.0005	0.05	0.1	1	0.8	11
RDU_SM_DDH11-15	0.41	0.5	0.005	0.21	32	0.04	182	3.6	0.028	0.6	0.003	7.1	0.18	0.2	0.5	0.25	119	19.7	0.0005	0.05	0.1	1	0.05	4
RDU_SM_DDH11-15	0.58	0.5	0.005	0.21	40	0.05	164	1.9	0.029	1.6	0.004	7.5	0.31	0.2	0.6	0.25	114	22	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.46	0.5	0.005	0.22	35	0.05	146	0.2	0.033	1.3	0.005	12.7	0.25	0.1	0.5	0.25	98	21.3	0.0005	0.05	0.1	1	0.05	4
RDU_SM_DDH11-15	0.66	0.5	0.01	0.22	34	0.08	126	0.5	0.027	1.5	0.004	13.7	0.35	0.3	0.5	0.25	83	22.4	0.0005	0.05	0.1	1	0.1	6
RDU_SM_DDH11-15	0.6	1	0.005	0.2	33	0.09	172	2.3	0.041	2.3	0.004	9.6	0.26	0.4	0.7	0.25	146	18.9	0.001	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.88	0.5	0.01	0.19	30	0.29	319	2.4	0.027	8	0.005	11.1	0.23	0.5	0.9	0.25	196	17.7	0.0005	0.05	0.1	1	0.2	12
RDU_SM_DDH11-15	1.22	1	0.01	0.19	31	0.36	306	1.9	0.044	29.1	0.012	14.5	0.35	0.6	1.3	0.25	236	21.6	0.0005	0.05	0.1	4	0.1	22
RDU_SM_DDH11-15	0.6	1	0.01	0.23	35	0.08	274	6.3	0.022	0.6	0.005	10.1	0.24	0.2	0.7	0.25	255	22.7	0.0005	0.05	0.1	1	0.1	6
RDU_SM_DDH11-15	0.57	1	0.01	0.23	35	0.06	204	5.1	0.026	1	0.017	12.7	0.19	0.3	1	0.25	214	20.8	0.001	0.05	0.1	1	0.1	8
RDU_SM_DDH11-15	0.53	1	0.01	0.26	32	0.05	252	5.4	0.02	0.7	0.009	11.4	0.21	0.2	0.6	0.25	200	19.2	0.0005	0.05	0.1	1	0.2	6
RDU_SM_DDH11-15	0.67	0.5	0.005	0.24	28	0.06	213	0.7	0.032	0.6	0.019	12.3	0.34	0.1	0.9	0.25	187	18.9	0.0005	0.05	0.1	1	0.05	8
RDU_SM_DDH11-15	0.62	0.5	0.005	0.24	29	0.06	251	1.2	0.029	0.4	0.023	10.3	0.25	0.1	0.9	0.25	179	18.7	0.0005	0.05	0.1	1	0.05	6
RDU_SM_DDH11-15	0.74	2	0.01	0.26	33	0.09	180	1	0.048	0.8	0.018	20.9	0.38	0.2	0.9	0.25	83	19.5	0.001	0.05	0.1	1	0.05	7
RDU_SM_DDH11-15	0.91	1	0.005	0.22	30	0.09	163	0.8	0.046	0.9	0.014	5.9	0.5	0.3	0.8	0.25	72	19.1	0.0005	0.05	0.1	1	0.05	15
RDU_SM_DDH11-15	1.67	1	0.01	0.3	23	0.35	319	0.6	0.019	20.9	0.022	115.7	0.25	0.3	1.8	0.25	89	15.9	0.0005	0.05	0.1	10	0.1	111
RDU_SM_DDH11-15	1.22	1	0.02	0.22	16	0.28	198	0.4	0.035	13.5	0.016	120.3	0.51	0.7	1	0.25	76	11.7	0.001	0.1	0.1	6	0.1	173

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-15	RDU_SM_613094	ASSAY	WHI11001592	99.23	100.33	Silicified zone with 0.5% vfg stringer py	3.66	0.4	0.45	56.1	4		10	261	0.3	1.22	0.4	2.3	2	8
RDU_SM_DDH11-15	RDU_SM_613095	ASSAY	WHI11001592	100.33	101.56	Oxidized zone with 0.5% vfg stringer sulphides	3.92	0.6	0.43	18.7	1		10	204	0.5	1.01	0.4	3.7	7	9
RDU_SM_DDH11-15	RDU_SM_613096	ASSAY	WHI11001592	101.56	103	Minor 0.5% vfg stringer py	3.95	0.7	0.57	36.5	1		10	289	0.6	1.15	0.3	7.7	11	29.9
RDU_SM_DDH11-15	RDU_SM_613097	ASSAY	WHI11001592	103	104.5	0.5% vfg stringer py	5.13	0.1	0.38	225.4	14		10	191	0.05	0.98	0.05	1.1	4	7.3
RDU_SM_DDH11-15	RDU_SM_613098	ASSAY	WHI11001592	104.5	105.05		1.54	0.4	0.41	502.3	38		10	118	0.2	0.56	0.5	2.6	1	9.1
RDU_SM_DDH11-15	RDU_SM_613099	ASSAY	WHI11001592	105.05	106.5	Fault zone 0.5-1% py + ga; vfg; stringers and disseminated	2.68	1	0.47	349.4	110		10	190	0.5	0.51	0.7	5.8	5	20.3
RDU_SM_DDH11-15	RDU_SM_613100	ASSAY	WHI11001592	106.5	107.25	Fault zone	2.17	0.3	0.38	304.8	32		10	108	0.2	0.47	0.05	0.8	0.5	9.5
RDU_SM_DDH11-15	RDU_SM_613101	ASSAY	WHI11001592	107.25	108.2		3.09	0.3	0.4	274.1	50		10	121	0.2	0.48	0.05	1.3	2	7.3
RDU_SM_DDH11-15	RDU_SM_613102	ASSAY	WHI11001592	108.2	108.9	Fault zone	0.74	0.4	0.35	213.8	35		10	88	0.3	0.94	0.05	0.9	0.5	7.9
RDU_SM_DDH11-15	RDU_SM_613103	FieldDup	WHI11001592	108.2	108.9	Duplicate of RDU_SM_613102	0.65	0.4	0.39	222.3	41		10	84	0.4	0.43	0.05	1.4	2	8.6
RDU_SM_DDH11-15	RDU_SM_613104	ASSAY	WHI11001592	108.9	110.5		4.59	0.2	0.35	211.4	14		10	120	0.1	0.61	0.05	1	4	7.1
RDU_SM_DDH11-15	RDU_SM_613105	ASSAY	WHI11001592	110.5	111.76	Py and asp; minor 0.5% vfg-fg stringers and diss	3.78	0.2	0.39	1215.3	66		10	153	0.2	0.99	0.05	1.8	0.5	6.6
RDU_SM_DDH11-15	RDU_SM_613106	ASSAY	WHI11001592	111.76	113	Fault zone; minor pyrite and asp?	3.85	1.5	0.4	501.7	53		10	338	0.4	1.74	0.7	9.3	3	25.9
RDU_SM_DDH11-15	RDU_SM_613107	ASSAY	WHI11001592	113	114.54	Fault zone; minor pyrite and asp?	4.11	0.5	0.37	409.2	77		10	232	0.2	0.58	0.3	10.4	0.5	19.5
RDU_SM_DDH11-15	RDU_SM_613108	ASSAY	WHI11001592	114.54	116		4.9	0.5	0.48	34.4	5		10	282	0.2	0.77	0.2	7.4	6	30.2
RDU_SM_DDH11-15	RDU_SM_613109	ASSAY	WHI11001592	116	117.5	Fault zone	4.56	0.3	0.41	87.5	9		10	382	0.2	0.73	0.2	4.1	4	16
RDU_SM_DDH11-15	RDU_SM_613110	ASSAY	WHI11001592	117.5	119	Fault zone	3.45	0.9	0.4	489.6	129		10	207	0.4	0.88	0.7	2.7	3	15.2
RDU_SM_DDH11-15	RDU_SM_613111	ASSAY	WHI11001592	119	120.5	Fault zone	3.28	0.7	0.49	526.5	23		10	191	0.2	1	0.5	1.4	2	14.4
RDU_SM_DDH11-15	RDU_SM_613112	ASSAY	WHI11001592	120.5	122		4.74	0.5	0.43	346.4	19		10	115	0.1	0.2	0.2	2	3	10.2
RDU_SM_DDH11-15	RDU_SM_613113	ASSAY	WHI11001592	122	123.5	Fault zone	3.81	0.3	0.58	444.5	16		10	161	0.2	0.44	0.3	3.9	7	11.5
RDU_SM_DDH11-15	RDU_SM_613114	ASSAY	WHI11001592	123.5	125		3.61	0.4	0.35	295.7	1		10	123	0.1	0.31	0.2	3	3	7.8
RDU_SM_DDH11-15	RDU_SM_613115	ASSAY	WHI11001592	125	126.5		3.35	1.2	0.61	617.5	10		10	292	0.5	1.94	0.6	9.3	9	66.2
RDU_SM_DDH11-15	RDU_SM_613116	ASSAY	WHI11001592	126.5	128.02		4.62	0.7	0.43	219.7	2		10	824	0.3	1.13	0.1	5	7	37.6
RDU_SM_DDH11-15	RDU_SM_613118	ASSAY	WHI11001592	128.02	129.5		4.49	0.2	0.39	59.2	4		10	110	0.3	0.39	0.1	1.3	2	4.9
RDU_SM_DDH11-15	RDU_SM_613119	ASSAY	WHI11001592	129.5	131		4.23	0.2	0.36	65.4	6		10	126	0.1	1.27	0.1	1.3	0.5	5.4
RDU_SM_DDH11-15	RDU_SM_613120	ASSAY	WHI11001592	131	132.5		4.67	0.2	0.41	39.6	1		10	145	0.2	1.66	0.05	0.9	2	5.7
RDU_SM_DDH11-15	RDU_SM_613121	ASSAY	WHI11001592	132.5	133.66		3.31	0.3	0.38	20	1		10	113	0.3	1.34	0.1	1.5	0.5	5.1
RDU_SM_DDH11-15	RDU_SM_613122	ASSAY	WHI11001592	133.66	134	Fault zone	2.09	0.2	0.38	90.9	1		10	141	0.2	1.39	0.1	0.8	1	4.7
RDU_SM_DDH11-15	RDU_SM_613123	ASSAY	WHI11001592	134	135.26	Fault zone kaolinite-rich	4.18	0.2	0.33	134.9	110		10	96	0.3	0.31	0.2	0.7	0.5	4
RDU_SM_DDH11-15	RDU_SM_613124	ASSAY	WHI11001592	135.26	135.81		2.02	0.8	0.43	169.7	9		10	109	1.1	0.09	0.4	1.9	2	12.4
RDU_SM_DDH11-15	RDU_SM_613125	ASSAY	WHI11001592	135.81	137		3.97	0.3	0.36	151.2	23		10	117	0.3	0.11	0.4	1.9	1	11.4
RDU_SM_DDH11-15	RDU_SM_613126	ASSAY	WHI11001592	137	138	Includes 30 cm broken quartz vein	2.84	0.3	0.46	56.4	6		10	667	0.2	0.76	0.4	3.2	7	11.9
RDU_SM_DDH11-15	RDU_SM_613128	ASSAY	WHI11001592	138	139.5		4.35	0.4	0.78	249.8	17		10	272	0.3	0.37	0.2	7.7	11	33.6
RDU_SM_DDH11-15	RDU_SM_613129	ASSAY	WHI11001592	139.5	141		4.03	0.3	0.55	32	4		10	193	0.2	1.35	0.1	4.7	7	20.4
RDU_SM_DDH11-15	RDU_SM_613130	ASSAY	WHI11001592	141	142.16		3.23	0.3	0.5	106.3	29		10	228	0.3	1.87	0.5	2.9	5	8.7
RDU_SM_DDH11-15	RDU_SM_613131	ASSAY	WHI11001592	142.16	142.66	Quartz vein folioform	1.72	0.1	0.37	1.9	1		10	233	0.1	1.52	0.1	2.8	2	5.5
RDU_SM_DDH11-15	RDU_SM_613132	ASSAY	WHI11001592	142.66	144		3.81	0.4	0.53	82.8	47		10	214	0.4	1.61	0.4	1.6	3	6.8
RDU_SM_DDH11-15	RDU_SM_613133	ASSAY	WHI11001592	144	145.5	Kaolinite fractures	3.96	0.2	0.37	68.3	18		10	105	0.2	0.88	0.1	1.2	0.5	6.1
RDU_SM_DDH11-15	RDU_SM_613134	ASSAY	WHI11001592	145.5	147	Kaolinite fractures	4.22	0.2	0.36	9	10		10	110	0.3	0.9	0.05	1.6	1	5.5
RDU_SM_DDH11-15	RDU_SM_613135	ASSAY	WHI11001592	147	148	Kaolinite fractures	2.2	0.4	0.4	12.2	1		10	110	0.6	0.64	0.2	0.6	0.5	5.1
RDU_SM_DDH11-15	RDU_SM_613136	ASSAY	WHI11001592	148	149.5	Folioform fault gouge	4.47	0.2	0.31	10.4	4		10	852	0.3	0.11	0.05	0.7	2	7.4
RDU_SM_DDH11-15	RDU_SM_613137	ASSAY	WHI11001592	149.5	151		1.88	0.4	0.49	211.3	31		10	163	0.3	0.8	0.3	5.1	3	38.1
RDU_SM_DDH11-15	RDU_SM_613138	FieldDup	WHI11001592	149.5	151	Duplicate of RDU_SM_613137	2.08	0.3	0.39	310.8	47		10	145	0.3	0.8	0.3	5	3	48.6
RDU_SM_DDH11-15	RDU_SM_613139	ASSAY	WHI11001592	151	152.5		4.39	0.1	0.38	321.1	76		10	173	0.2	1.1	0.1	1	1	8.8

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-15	1	1	0.005	0.31	43	0.39	317	1.5	0.039	8.7	0.017	84.3	0.08	0.4	1.1	0.25	102	24.7	0.002	0.1	0.1	4	0.1	63
RDU_SM_DDH11-15	1.06	1	0.02	0.28	31	0.21	257	11.5	0.034	19.3	0.032	111.9	0.25	0.4	1.3	0.25	71	15.7	0.002	0.1	0.1	5	0.05	62
RDU_SM_DDH11-15	2.21	2	0.02	0.39	14	0.37	332	0.1	0.017	34.5	0.044	84.1	0.81	0.5	1.9	0.25	113	10.5	0.003	0.2	0.1	12	0.1	57
RDU_SM_DDH11-15	0.68	1	0.01	0.26	30	0.23	203	0.2	0.037	3	0.006	17.6	0.15	0.2	1	0.25	100	13.7	0.0005	0.2	0.1	1	0.2	16
RDU_SM_DDH11-15	1	0.5	0.02	0.26	24	0.17	177	0.9	0.008	8.7	0.006	86.7	0.47	0.3	0.9	0.25	53	15.8	0.0005	0.2	0.1	1	0.05	59
RDU_SM_DDH11-15	1.47	1	0.02	0.27	18	0.17	219	0.3	0.007	14.1	0.014	117.7	0.7	0.5	1.3	0.25	61	12.1	0.0005	0.2	0.1	4	0.2	116
RDU_SM_DDH11-15	0.6	0.5	0.02	0.21	31	0.12	127	0.1	0.011	1.4	0.005	45	0.28	0.2	0.8	0.25	46	19.9	0.0005	0.1	0.1	1	0.05	17
RDU_SM_DDH11-15	0.66	1	0.005	0.25	34	0.05	97	0.05	0.034	0.7	0.005	39	0.5	0.3	0.5	0.25	56	21.8	0.0005	0.1	0.1	1	0.05	10
RDU_SM_DDH11-15	0.66	0.5	0.02	0.19	29	0.05	85	0.05	0.01	0.8	0.006	69.4	0.51	0.3	0.3	0.25	37	21.6	0.0005	0.05	0.1	1	0.05	10
RDU_SM_DDH11-15	0.72	1	0.005	0.2	31	0.08	65	0.05	0.008	2	0.003	76.3	0.55	0.3	0.4	0.25	23	19.3	0.001	0.05	0.1	1	0.05	9
RDU_SM_DDH11-15	0.4	1	0.01	0.21	34	0.05	101	0.1	0.03	1.9	0.003	12.1	0.28	0.3	0.4	0.25	65	19.8	0.0005	0.05	0.1	1	0.05	8
RDU_SM_DDH11-15	0.82	1	0.005	0.21	25	0.16	178	0.05	0.031	0.8	0.003	21.8	0.61	0.5	0.6	0.7	89	18.6	0.0005	0.05	0.1	1	0.05	10
RDU_SM_DDH11-15	1.35	1	0.01	0.29	16	0.47	479	15.5	0.008	16.7	0.011	132.5	0.44	0.4	1.7	0.25	179	11.5	0.0005	0.2	0.1	3	0.2	138
RDU_SM_DDH11-15	0.87	1	0.01	0.28	19	0.12	138	0.2	0.005	3.7	0.004	55.3	0.7	0.1	0.9	0.25	45	12.9	0.0005	0.05	0.1	1	0.05	51
RDU_SM_DDH11-15	1.19	1	0.01	0.35	21	0.2	223	0.8	0.008	15.9	0.016	22.8	0.28	0.1	2.6	0.6	87	11.6	0.0005	0.2	0.1	6	0.05	40
RDU_SM_DDH11-15	1.06	1	0.01	0.3	28	0.23	246	0.1	0.007	7.1	0.009	21	0.28	0.1	1.4	0.25	86	11.9	0.0005	0.1	0.1	3	0.05	38
RDU_SM_DDH11-15	1.44	1	0.01	0.26	23	0.28	312	0.7	0.008	8.3	0.014	141.1	0.3	0.1	1.5	0.7	101	12.1	0.0005	0.1	0.1	3	0.4	142
RDU_SM_DDH11-15	1.03	2	0.01	0.31	30	0.17	261	0.6	0.006	4.7	0.005	43.2	0.23	0.1	1.6	0.25	72	11.8	0.0005	0.2	0.1	1	3.7	84
RDU_SM_DDH11-15	0.94	1	0.01	0.28	36	0.1	191	0.3	0.004	4.4	0.008	11.7	0.11	0.2	1.4	0.5	19	13.3	0.0005	0.1	0.1	1	0.8	59
RDU_SM_DDH11-15	1.31	2	0.005	0.33	34	0.19	332	0.2	0.005	8.3	0.016	17.1	0.025	0.2	2.8	0.25	36	11.2	0.0005	0.1	0.1	5	0.2	75
RDU_SM_DDH11-15	0.86	1	0.005	0.22	32	0.14	231	0.3	0.003	5	0.01	9.7	0.025	0.05	1.6	0.25	29	11	0.0005	0.05	0.1	2	0.5	43
RDU_SM_DDH11-15	2.7	2	0.02	0.43	19	0.64	875	0.2	0.009	15.3	0.051	33.1	0.16	0.05	4.1	0.6	178	9.8	0.001	0.2	0.1	18	0.3	88
RDU_SM_DDH11-15	1.41	1	0.02	0.32	24	0.35	476	0.1	0.006	9.2	0.024	28.9	0.08	0.05	2.2	0.25	113	12.5	0.0005	0.1	0.1	9	0.1	37
RDU_SM_DDH11-15	0.3	1	0.02	0.31	31	0.04	89	0.1	0.004	1.3	0.003	16.1	0.025	0.05	0.3	0.7	25	16.3	0.0005	0.05	0.1	1	0.2	15
RDU_SM_DDH11-15	0.3	0.5	0.005	0.25	26	0.04	155	0.3	0.004	1.6	0.003	17.1	0.025	0.05	0.4	0.7	54	19.1	0.0005	0.05	0.1	1	0.3	11
RDU_SM_DDH11-15	0.3	1	0.02	0.28	28	0.05	217	0.2	0.006	1.2	0.002	12.4	0.025	0.05	0.5	0.25	62	15.7	0.0005	0.05	0.1	1	0.2	11
RDU_SM_DDH11-15	0.3	1	0.02	0.26	31	0.06	210	0.1	0.005	1.3	0.004	16.6	0.06	0.05	0.3	0.25	66	19.4	0.0005	0.05	0.1	1	0.05	12
RDU_SM_DDH11-15	0.44	1	0.02	0.28	25	0.08	205	0.2	0.004	1.8	0.003	15.8	0.12	0.05	0.6	0.25	67	14.9	0.0005	0.1	0.1	1	0.2	19
RDU_SM_DDH11-15	0.28	1	0.01	0.23	29	0.03	68	0.2	0.003	1.4	0.003	15.1	0.06	0.05	0.2	0.25	18	16.3	0.0005	0.05	0.1	1	0.2	24
RDU_SM_DDH11-15	0.58	2	0.02	0.31	30	0.04	42	0.1	0.004	2.5	0.003	48.6	0.15	0.05	0.6	0.25	16	16.7	0.0005	0.1	0.1	1	0.1	70
RDU_SM_DDH11-15	0.58	1	0.01	0.26	25	0.04	49	0.2	0.004	3	0.003	19.6	0.3	0.05	0.6	0.6	15	14.6	0.0005	0.05	0.1	1	0.1	36
RDU_SM_DDH11-15	0.94	2	0.005	0.31	23	0.24	283	0.2	0.006	6.4	0.009	37.1	0.1	0.05	1.6	0.25	82	11.4	0.0005	0.05	0.1	4	0.05	51
RDU_SM_DDH11-15	2.75	3	0.03	0.5	31	0.26	379	0.05	0.009	22.7	0.014	17.8	0.34	0.1	3.8	0.7	48	12.2	0.002	0.3	0.1	10	0.05	64
RDU_SM_DDH11-15	1.73	2	0.02	0.35	28	0.26	394	0.05	0.007	13.1	0.014	18.5	0.21	0.2	3.2	0.6	82	11.7	0.002	0.2	0.1	6	0.05	43
RDU_SM_DDH11-15	1.05	2	0.005	0.31	24	0.32	476	0.4	0.006	4.4	0.014	29	0.13	0.1	1.5	0.5	123	10.8	0.001	0.05	0.1	4	0.05	76
RDU_SM_DDH11-15	0.36	1	0.005	0.25	37	0.11	239	0.5	0.004	1.4	0.009	9.2	0.025	0.05	1	0.25	66	15.7	0.001	0.05	0.1	1	0.05	14
RDU_SM_DDH11-15	0.79	2	0.005	0.31	31	0.23	395	0.1	0.005	2.8	0.009	30	0.14	0.05	1.5	0.25	87	13.9	0.001	0.05	0.1	1	0.05	43
RDU_SM_DDH11-15	0.32	1	0.005	0.25	23	0.04	145	0.2	0.004	2.7	0.002	21.2	0.12	0.05	0.4	0.25	38	13.6	0.0005	0.05	0.1	1	0.05	13
RDU_SM_DDH11-15	0.33	1	0.005	0.22	28	0.1	171	0.8	0.004	2.2	0.003	17	0.1	0.05	0.5	0.25	47	19.5	0.0005	0.05	0.1	1	0.05	11
RDU_SM_DDH11-15	0.26	1	0.005	0.26	27	0.03	107	0.7	0.004	1.4	0.002	18.4	0.025	0.05	0.6	0.25	21	18	0.0005	0.05	0.1	1	0.05	14
RDU_SM_DDH11-15	0.26	0.5	0.005	0.24	22	0.06	37	0.4	0.003	1.7	0.002	15.4	0.11	0.05	0.5	0.25	22	14.2	0.0005	0.05	0.1	1	0.05	12
RDU_SM_DDH11-15	1.06	2	0.005	0.45	23	0.21	250	0.1	0.02	6.1	0.019	18.5	0.21	0.1	1.9	0.25	54	10.8	0.001	0.1	0.1	10	0.2	57
RDU_SM_DDH11-15	0.88	1	0.005	0.24	24	0.2	237	0.2	0.006	5.2	0.019	15.9	0.15	0.3	1.5	0.25	60	10.9	0.001	0.1	0.1	5	0.3	46
RDU_SM_DDH11-15	0.66	1	0.005	0.24	30	0.13	180	0.1	0.02	1.4	0.004	10	0.2	0.2	0.8	0.25	91	13.8	0.0005	0.05	0.1	1	0.05	17

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-15	RDU_SM_613140	ASSAY	WHI11001592	152.5	153.3		2.66	0.1	0.33	29.7	1		10	147	0.2	1.12	0.05	0.9	1	6.6
RDU_SM_DDH11-15	RDU_SM_613141	ASSAY	WHI11001592	153.3	154.75		4.6	0.1	0.41	18.4	1		10	209	0.2	1.19	0.2	1.4	1	9.1
RDU_SM_DDH11-15	RDU_SM_613142	ASSAY	WHI11001592	154.75	155.75		2.84	0.1	0.43	166.5	50		10	413	0.2	1.31	0.2	1.5	1	8.9
RDU_SM_DDH11-15	RDU_SM_613143	ASSAY	WHI11001592	155.75	156.54		2.39	0.1	0.4	6.2	9		10	237	0.2	1.21	0.05	1.1	1	9.1
RDU_SM_DDH11-15	RDU_SM_613144	ASSAY	WHI11001592	156.54	158		5.32	0.05	0.31	60.6	13		10	208	0.1	1.05	0.05	0.8	2	6.9
RDU_SM_DDH11-15	RDU_SM_613145	ASSAY	WHI11001592	158	159.5		4.95	0.2	0.36	22	9		10	185	0.2	1.07	0.1	1.2	2	9.1
RDU_SM_DDH11-15	RDU_SM_613146	ASSAY	WHI11001592	159.5	161		4.27	0.1	0.27	4.3	3		10	155	0.2	0.79	0.1	0.8	2	8.1
RDU_SM_DDH11-15	RDU_SM_613147	ASSAY	WHI11001592	161	162.5		4.8	0.2	0.31	3.1	1		10	169	0.3	0.79	0.3	1.3	3	8.7
RDU_SM_DDH11-15	RDU_SM_613148	ASSAY	WHI11001592	162.5	164		5.01	0.8	0.66	14.3	1		10	275	0.3	2.35	0.1	11.6	21	46.4
RDU_SM_DDH11-15	RDU_SM_613149	ASSAY	WHI11001592	164	165.5		4.93	0.2	0.36	119.7	18		10	234	0.1	1.37	0.1	1.6	1	6.6
RDU_SM_DDH11-15	RDU_SM_613150	ASSAY	WHI11001592	165.5	167		4.58	0.1	0.41	9.7	1		10	267	0.1	1.14	0.1	2.1	3	8.6
RDU_SM_DDH11-15	RDU_SM_613151	ASSAY	WHI11001592	167	168.5		4.6	0.1	0.39	6.9	187		10	223	0.05	1.39	0.05	0.8	1	5.7
RDU_SM_DDH11-15	RDU_SM_613152	ASSAY	WHI11001592	168.5	170		4.71	0.1	0.41	4.1	2		10	218	0.05	1.42	0.05	0.7	2	4.9
RDU_SM_DDH11-15	RDU_SM_613154	ASSAY	WHI11001592	170	171.39		4.01	0.3	0.38	597.5	41		10	320	0.2	1.16	0.2	1.6	1	11
RDU_SM_DDH11-15	RDU_SM_613226	ASSAY	WHI11001592	171.39	172	Interval out of sequence; accidentally forgot tag in box 46	1.68	0.5	0.26	159.5	70		10	216	0.5	0.21	3	0.4	2	11.3
RDU_SM_DDH11-15	RDU_SM_613155	ASSAY	WHI11001592	172	173.5		4.68	0.6	0.23	648.6	112		10	247	0.5	0.33	1.2	0.7	0.5	14.5
RDU_SM_DDH11-15	RDU_SM_613156	ASSAY	WHI11001592	173.5	175		4.64	0.7	0.3	750.9	329		10	219	0.5	0.27	2	0.4	1	14.3
RDU_SM_DDH11-15	RDU_SM_613157	ASSAY	WHI11001592	175	176		3.61	0.4	0.32	480.5	195		10	336	0.2	0.22	0.4	0.5	2	9.9
RDU_SM_DDH11-15	RDU_SM_613158	ASSAY	WHI11001592	176	177		2.94	0.3	0.18	263.9	197		10	237	0.2	0.25	0.3	0.3	2	10.2
RDU_SM_DDH11-15	RDU_SM_613159	ASSAY	WHI11001592	177	178		2.67	0.2	0.26	555.2	56		10	445	0.1	0.27	0.6	0.7	3	4.4
RDU_SM_DDH11-15	RDU_SM_613160	ASSAY	WHI11001592	178	179.5		4.5	0.7	0.45	35.7	4		10	244	0.3	0.73	0.9	1.5	3	6.2
RDU_SM_DDH11-15	RDU_SM_613161	ASSAY	WHI11001592	179.5	181		4.52	0.2	0.4	112.5	13		10	235	0.2	0.96	0.3	0.4	1	3.4
RDU_SM_DDH11-15	RDU_SM_613162	ASSAY	WHI11001592	181	182.45		4.27	0.3	0.32	269.2	151		10	184	0.2	1.23	0.5	1.2	1	6.8
RDU_SM_DDH11-15	RDU_SM_613164	ASSAY	WHI11001592	182.45	184		4.25	0.2	0.47	11.4	1		10	355	0.2	1.64	0.2	2.1	2	7.8
RDU_SM_DDH11-15	RDU_SM_613165	ASSAY	WHI11001592	184	185.5		4.5	0.4	0.43	15.9	1		10	313	0.4	1.42	0.1	2.9	6	12.6
RDU_SM_DDH11-15	RDU_SM_613166	ASSAY	WHI11001592	185.5	187		4.24	0.3	0.73	13.1	1		10	417	0.4	1.68	0.4	7.8	10	19.2
RDU_SM_DDH11-15	RDU_SM_613167	ASSAY	WHI11001592	187	188.5		4.47	1.3	0.55	3.3	1		10	343	1.4	1.15	0.8	4.3	10	9.3
RDU_SM_DDH11-15	RDU_SM_613168	ASSAY	WHI11001592	188.5	189.5		3.53	1.4	0.55	5.8	1		10	324	1.4	1.09	1	5.4	10	13.1
RDU_SM_DDH11-15	RDU_SM_613169	ASSAY	WHI11001592	189.5	190.5		2.94	0.6	0.46	2.7	1		10	324	0.6	0.96	0.3	2.9	0.5	9.1
RDU_SM_DDH11-15	RDU_SM_613170	ASSAY	WHI11001592	190.5	191.37		2.82	0.3	0.43	14.8	1		10	226	0.4	0.7	0.1	0.7	2	5.2
RDU_SM_DDH11-15	RDU_SM_613171	ASSAY	WHI11001592	191.37	192	Quartz vein and py and cov	2.03	0.2	0.27	89.2	24		10	201	0.2	0.13	0.05	0.2	4	4.9
RDU_SM_DDH11-15	RDU_SM_613172	ASSAY	WHI11001592	192	193	Kaolinite in fractures	3.22	0.3	0.35	818.6	262		10	181	0.3	0.04	0.05	0.3	2	6.8
RDU_SM_DDH11-15	RDU_SM_613173	ASSAY	WHI11001592	193	193.66	Kaolinite in fractures	1.26	0.5	0.27	2808.3	888		10	140	0.4	0.1	0.2	0.4	0.5	7
RDU_SM_DDH11-15	RDU_SM_613174	FieldDup	WHI11001592	193	193.66	Duplicate of RDU_SM_613173	0.88	0.7	0.31	2722.3	955		10	151	0.5	0.09	0.05	0.4	1	10.6
RDU_SM_DDH11-15	RDU_SM_613175	ASSAY	WHI11001592	193.66	194.97		3.27	1	0.32	4605.9	2197		10	137	0.3	0.2	0.4	0.3	0.5	7.6
RDU_SM_DDH11-15	RDU_SM_613176	ASSAY	WHI11001592	194.97	196.5		5.17	0.7	0.32	3102.8	1176		10	142	0.4	0.48	1.1	0.4	1	9.3
RDU_SM_DDH11-15	RDU_SM_613177	ASSAY	WHI11001592	196.5	198		4.26	0.2	0.41	6.3	8		10	245	0.2	1.02	0.3	0.4	0.5	3.8
RDU_SM_DDH11-15	RDU_SM_613178	ASSAY	WHI11001592	198	199.5		4.47	0.2	0.39	279.8	40		10	236	0.3	1.29	0.2	0.4	0.5	5.3
RDU_SM_DDH11-15	RDU_SM_613179	ASSAY	WHI11001592	199.5	201		4.8	0.1	0.3	178.3	27		10	202	0.2	1.3	0.2	0.2	0.5	5.1
RDU_SM_DDH11-15	RDU_SM_613180	ASSAY	WHI11001592	201	202.5		4.82	0.2	0.29	412.6	104		10	186	0.2	1.22	0.05	0.3	0.5	5.5
RDU_SM_DDH11-15	RDU_SM_613181	ASSAY	WHI11001592	202.5	204		4.81	0.2	0.33	40.5	8		10	202	0.2	1.51	0.2	0.3	0.5	3.9
RDU_SM_DDH11-15	RDU_SM_613182	ASSAY	WHI11001592	204	205		2.71	0.3	0.38	11.9	2		10	256	0.5	1.75	0.4	0.7	0.5	6.3
RDU_SM_DDH11-15	RDU_SM_613183	ASSAY	WHI11001592	205	205.5		1.18	0.2	0.32	5.4	1		10	241	0.3	1.18	0.1	0.2	2	4
RDU_SM_DDH11-15	RDU_SM_613184	ASSAY	WHI11001592	205.5	206.5		2.74	0.2	0.37	4.2	1		10	244	0.4	1.2	0.2	0.2	1	5
RDU_SM_DDH11-15	RDU_SM_613185	ASSAY	WHI11001592	206.5	207	Quartz veining with asp and py	1.88	0.3	0.39	52.8	23		10	247	0.5	1.12	0.7	0.3	2	4.6
RDU_SM_DDH11-15	RDU_SM_613186	ASSAY	WHI11001592	207	208.51		4.98	0.2	0.36	4.1	1		10	210	0.4	1.26	0.5	0.3	0.5	3.9

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-15	0.6	0.5	0.005	0.22	32	0.07	169	0.05	0.011	1.8	0.003	8.5	0.09	0.2	0.9	0.25	70	13.1	0.0005	0.05	0.1	1	0.05	19
RDU_SM_DDH11-15	0.74	1	0.005	0.3	33	0.11	208	0.1	0.018	2.8	0.004	12.8	0.16	0.2	1.2	0.25	85	14.4	0.0005	0.1	0.1	1	0.05	35
RDU_SM_DDH11-15	0.75	1	0.005	0.29	34	0.12	212	0.05	0.016	3.3	0.004	11.6	0.13	0.2	1.4	0.25	86	14.1	0.001	0.1	0.1	1	0.05	27
RDU_SM_DDH11-15	0.66	1	0.005	0.29	36	0.1	189	0.05	0.02	2.6	0.003	8.7	0.14	0.2	1.2	0.25	84	14	0.001	0.1	0.1	1	0.05	14
RDU_SM_DDH11-15	0.51	1	0.005	0.25	40	0.06	157	0.05	0.024	2.4	0.004	6.9	0.11	0.2	1.3	0.25	81	14.8	0.0005	0.1	0.1	1	0.05	10
RDU_SM_DDH11-15	0.58	1	0.005	0.27	37	0.08	191	0.1	0.025	2.6	0.004	17.7	0.17	0.2	1.1	0.25	74	14.2	0.001	0.1	0.1	1	0.05	19
RDU_SM_DDH11-15	0.53	1	0.005	0.22	40	0.06	150	0.2	0.029	2.8	0.004	7.2	0.15	0.1	1.2	0.25	50	16.2	0.001	0.1	0.1	1	0.05	10
RDU_SM_DDH11-15	0.64	1	0.005	0.25	33	0.12	149	0.7	0.03	5	0.012	19	0.16	0.2	1.3	0.25	55	15.2	0.001	0.1	0.1	1	0.05	38
RDU_SM_DDH11-15	2.44	3	0.03	0.43	23	0.62	727	0.05	0.019	22.6	0.042	18.5	0.19	0.6	5	0.25	211	10.2	0.011	0.3	0.1	30	0.1	53
RDU_SM_DDH11-15	0.73	1	0.005	0.27	28	0.21	198	0.05	0.027	3.7	0.004	17.1	0.17	0.2	1.1	0.25	123	12.5	0.0005	0.1	0.1	1	0.05	17
RDU_SM_DDH11-15	0.89	1	0.005	0.3	30	0.18	231	0.05	0.021	6.5	0.006	14.9	0.18	0.2	1.5	0.25	88	12.6	0.001	0.1	0.1	1	0.05	19
RDU_SM_DDH11-15	0.44	1	0.005	0.25	31	0.1	207	0.1	0.013	1	0.004	4.6	0.17	0.2	0.9	0.25	79	12.3	0.0005	0.1	0.1	1	0.05	8
RDU_SM_DDH11-15	0.55	1	0.005	0.28	35	0.14	260	0.1	0.02	0.9	0.004	19.7	0.15	0.2	0.9	0.25	104	13.3	0.0005	0.2	0.1	1	0.05	13
RDU_SM_DDH11-15	0.73	1	0.005	0.28	24	0.23	216	0.05	0.011	2.2	0.006	51.3	0.29	0.4	0.8	0.25	113	13.5	0.0005	0.2	0.1	1	0.05	25
RDU_SM_DDH11-15	1.24	0.5	0.02	0.18	23	0.08	67	0.05	0.016	0.6	0.003	143.3	1.16	0.2	0.8	0.25	40	13.5	0.0005	0.05	0.1	1	0.05	399
RDU_SM_DDH11-15	1.2	0.5	0.005	0.15	29	0.15	117	0.05	0.037	0.2	0.003	137.7	0.76	0.3	1.5	0.25	68	15.8	0.0005	0.2	0.1	1	0.05	183
RDU_SM_DDH11-15	1.16	1	0.02	0.23	30	0.13	109	0.05	0.029	0.4	0.003	188.5	0.57	0.3	1.2	0.25	56	16.4	0.0005	0.1	0.1	1	0.05	300
RDU_SM_DDH11-15	0.74	1	0.005	0.26	26	0.1	61	0.05	0.034	0.4	0.002	54.3	0.41	0.05	0.7	0.25	44	15.6	0.0005	0.05	0.1	1	0.05	68
RDU_SM_DDH11-15	0.79	0.5	0.005	0.12	17	0.07	62	0.05	0.05	0.5	0.002	49.2	0.51	0.1	0.6	0.25	35	11.2	0.0005	0.05	0.1	1	0.05	45
RDU_SM_DDH11-15	0.5	0.5	0.005	0.22	27	0.11	90	0.4	0.026	1.7	0.007	40.2	0.15	0.05	0.6	0.25	44	11.6	0.0005	0.05	0.1	1	0.05	99
RDU_SM_DDH11-15	0.92	2	0.005	0.34	37	0.38	206	0.7	0.014	5.8	0.008	150.4	0.11	0.1	1.4	0.25	141	14.2	0.001	0.05	0.1	2	0.05	139
RDU_SM_DDH11-15	0.84	1	0.005	0.3	34	0.37	211	0.1	0.014	0.7	0.002	21.8	0.05	0.05	1.4	0.25	166	13.4	0.0005	0.05	0.1	1	0.05	50
RDU_SM_DDH11-15	0.94	1	0.005	0.24	16	0.42	232	0.05	0.003	2	0.003	47.9	0.15	0.05	1.1	0.25	180	9.1	0.0005	0.05	0.1	1	0.05	95
RDU_SM_DDH11-15	1	1	0.005	0.29	33	0.4	318	0.05	0.012	4.3	0.014	32.6	0.1	0.05	1.2	0.25	212	16.8	0.0005	0.1	0.1	3	0.05	41
RDU_SM_DDH11-15	1.37	1	0.005	0.25	24	0.53	261	0.2	0.009	11.3	0.016	29.7	0.12	0.1	2	0.25	214	11.8	0.0005	0.05	0.1	8	0.05	41
RDU_SM_DDH11-15	2.46	3	0.04	0.36	18	0.84	417	0.3	0.013	23.1	0.108	41.7	0.34	0.5	4.8	1	354	11	0.002	0.2	0.1	17	0.05	100
RDU_SM_DDH11-15	2.6	2	0.01	0.3	19	0.9	357	0.05	0.012	21.5	0.032	154.7	0.4	0.5	3.6	0.6	229	8.5	0.002	0.1	0.1	15	0.05	137
RDU_SM_DDH11-15	2.64	2	0.02	0.3	22	0.92	381	0.2	0.01	31	0.028	161.4	0.33	0.4	3.3	0.25	212	9.4	0.002	0.1	0.1	13	0.05	174
RDU_SM_DDH11-15	1.51	1	0.005	0.28	26	0.48	255	4.1	0.016	15.1	0.018	85.6	0.2	0.05	1.9	0.25	154	10.4	0.001	0.1	0.1	6	0.05	68
RDU_SM_DDH11-15	1	1	0.005	0.28	34	0.21	180	0.05	0.027	2.3	0.01	42.7	0.24	0.05	1.2	0.25	96	16.5	0.0005	0.1	0.1	1	0.05	24
RDU_SM_DDH11-15	0.54	0.5	0.005	0.19	30	0.06	55	0.05	0.042	0.5	0.002	24.9	0.24	0.05	0.6	0.25	30	13.1	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-15	0.68	1	0.005	0.29	42	0.03	44	0.4	0.027	0.2	0.004	26.1	0.34	0.05	0.7	0.25	11	17.4	0.0005	0.05	0.1	1	0.05	12
RDU_SM_DDH11-15	0.67	0.5	0.01	0.31	34	0.05	64	0.1	0.024	0.4	0.003	37.6	0.37	0.6	0.2	0.25	24	14.9	0.0005	0.05	0.1	1	0.3	23
RDU_SM_DDH11-15	0.76	1	0.005	0.33	36	0.04	64	0.2	0.026	0.6	0.004	45.4	0.44	0.6	0.4	0.25	20	16.2	0.0005	0.05	0.1	1	0.2	13
RDU_SM_DDH11-15	0.89	1	0.01	0.32	32	0.03	82	0.1	0.026	0.5	0.003	29.6	0.56	0.7	0.4	0.25	22	15.4	0.0005	0.1	0.1	1	0.2	56
RDU_SM_DDH11-15	0.87	1	0.01	0.33	33	0.09	122	0.2	0.022	0.5	0.003	59.1	0.54	0.7	0.5	0.25	74	15.8	0.0005	0.05	0.1	1	0.2	149
RDU_SM_DDH11-15	0.9	2	0.005	0.28	45	0.44	276	0.1	0.012	0.6	0.005	30	0.05	0.2	1.3	0.25	169	15.8	0.001	0.05	0.1	1	0.05	52
RDU_SM_DDH11-15	0.94	1	0.01	0.31	46	0.16	303	0.05	0.022	0.5	0.004	30.7	0.29	0.2	1	0.25	101	17.8	0.001	0.2	0.1	1	0.1	40
RDU_SM_DDH11-15	0.83	1	0.005	0.27	34	0.16	265	0.05	0.019	0.5	0.003	19.6	0.28	0.1	1	0.25	129	16.4	0.0005	0.05	0.1	1	0.05	27
RDU_SM_DDH11-15	0.66	0.5	0.005	0.25	28	0.11	239	0.05	0.024	0.3	0.003	14.2	0.39	0.2	0.8	0.25	112	15	0.0005	0.05	0.1	1	0.05	12
RDU_SM_DDH11-15	0.9	1	0.005	0.25	33	0.21	314	0.3	0.024	0.6	0.004	18.7	0.26	0.05	1.4	0.25	165	16.7	0.0005	0.05	0.1	1	0.05	32
RDU_SM_DDH11-15	1.08	1	0.005	0.27	39	0.36	345	0.1	0.013	0.3	0.003	86.1	0.17	0.2	1.9	0.25	208	18.9	0.001	0.2	0.1	1	0.05	78
RDU_SM_DDH11-15	0.51	0.5	0.005	0.28	38	0.14	200	0.05	0.012	0.3	0.011	17.5	0.1	0.2	0.8	0.25	107	14.8	0.001	0.1	0.1	1	0.05	19
RDU_SM_DDH11-15	0.63	1	0.005	0.3	45	0.2	216	0.05	0.021	0.3	0.005	24.2	0.13	0.1	1.1	0.25	132	17.7	0.001	0.1	0.1	1	0.05	32
RDU_SM_DDH11-15	0.78	1	0.005	0.33	43	0.17	233	0.2	0.016	0.9	0.006	28.8	0.12	0.2	1.3	0.25	99	16.2	0.001	0.1	0.1	1	0.05	102
RDU_SM_DDH11-15	0.68	1	0.005	0.31	44	0.18	240	0.05	0.021	0.3	0.005	38.2	0.13	0.2	1.1	0.25	120	15.5	0.001	0.1	0.1	1	0.05	70

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-15	RDU_SM_613187	ASSAY	WHI11001592	208.51	210	Tourmaline	4.51	0.05	0.42	1	1		10	293	0.2	1.73	0.1	0.4	0.5	1.6
RDU_SM_DDH11-15	RDU_SM_613189	ASSAY	WHI11001592	210	211.5		4.14	0.2	0.46	1.7	1		10	306	0.4	1.67	0.2	1	0.5	6.7
RDU_SM_DDH11-15	RDU_SM_613190	ASSAY	WHI11001592	211.5	213.25		1.93	0.1	0.52	1.4	1		10	263	0.4	1.85	0.2	1	0.5	3
RDU_SM_DDH11-15	RDU_SM_613191	ASSAY	WHI11001592	213.25	215		4.75	0.05	0.32	2.7	5		10	284	0.2	1.45	0.05	0.7	0.5	4.1
RDU_SM_DDH11-15	RDU_SM_613192	ASSAY	WHI11001592	215	216.5	Minor tourmaline	3.73	0.05	0.35	2.8	1		10	246	0.2	1.03	0.1	0.7	0.5	5.1
RDU_SM_DDH11-15	RDU_SM_613193	ASSAY	WHI11001592	216.5	218		4.09	0.05	0.41	1.1	1		10	204	0.2	1.12	0.05	0.6	0.5	1.6
RDU_SM_DDH11-15	RDU_SM_613194	ASSAY	WHI11001592	218	218.82		2.43	0.05	0.48	0.9	1		10	249	0.2	1.72	0.05	0.8	0.5	2
RDU_SM_DDH11-15	RDU_SM_613195	ASSAY	WHI11001592	218.82	220	Siliceous zone stats. Vfg py and asp stringers 1-3%	3.69	0.3	0.3	18	11		10	128	0.3	0.48	0.3	0.1	3	5.7
RDU_SM_DDH11-15	RDU_SM_613196	ASSAY	WHI11001592	220	221.5	As previous	5.15	0.6	0.23	54.6	31		10	85	0.8	0.24	1.3	0.1	5	7.3
RDU_SM_DDH11-15	RDU_SM_613197	ASSAY	WHI11001592	221.5	223		4.68	0.9	0.29	67.5	29		10	100	1.2	0.25	6.8	0.3	4	9.7
RDU_SM_DDH11-15	RDU_SM_613199	ASSAY	WHI11001695	223	224.5		4.63	0.3	0.27	483.1	88		10	107	0.3	0.23	1	0.1	0.5	4.7
RDU_SM_DDH11-15	RDU_SM_613200	ASSAY	WHI11001695	224.5	226		4.28	0.4	0.25	187.2	39		10	108	0.2	0.24	1.6	0.1	0.5	4.7
RDU_SM_DDH11-15	RDU_SM_613201	ASSAY	WHI11001695	226	227.5		4.93	0.2	0.24	815.2	136		10	155	0.2	0.2	1	0.05	0.5	2.3
RDU_SM_DDH11-15	RDU_SM_613202	ASSAY	WHI11001695	227.5	228.5		3.02	0.2	0.24	1650.7	43		10	202	0.1	0.41	0.3	0.05	0.5	2.6
RDU_SM_DDH11-15	RDU_SM_613203	ASSAY	WHI11001695	228.5	229		1.87	0.05	0.24	1084.9	115		10	185	0.05	0.28	0.3	0.1	0.5	1.5
RDU_SM_DDH11-15	RDU_SM_613204	ASSAY	WHI11001695	229	229.5	Folioform quartz veining with vfg py and asp	1.42	0.2	0.23	3786.2	393		10	323	0.2	0.16	0.2	0.2	0.5	1.4
RDU_SM_DDH11-15	RDU_SM_613205	ASSAY	WHI11001695	229.5	230		1.58	0.2	0.25	1356.8	17		10	174	0.2	0.38	0.5	0.2	1	2.5
RDU_SM_DDH11-15	RDU_SM_613206	ASSAY	WHI11001695	230	231		3.52	0.2	0.17	737.6	55		10	123	0.2	0.31	0.2	0.1	0.5	3.8
RDU_SM_DDH11-15	RDU_SM_613207	ASSAY	WHI11001695	231	232	Quartz veining with 1% py and asp stringers	2.73	0.8	0.15	1033.4	91		10	47	0.7	0.2	1.3	0.2	0.5	8.4
RDU_SM_DDH11-15	RDU_SM_613208	ASSAY	WHI11001695	232	233.17		1.66	0.4	0.21	191	103		10	140	0.3	0.16	0.9	0.2	0.5	6.6
RDU_SM_DDH11-15	RDU_SM_613209	FieldDup	WHI11001695	232	233.17	Duplicate of RDU_SM_613208	1.6	0.3	0.17	67.8	35		10	110	0.2	0.15	0.4	0.1	0.5	5.7
RDU_SM_DDH11-15	RDU_SM_613210	ASSAY	WHI11001695	233.17	234		2.41	0.3	0.28	2985.6	533		10	118	0.2	0.29	2	0.2	0.5	2.1
RDU_SM_DDH11-15	RDU_SM_613211	ASSAY	WHI11001695	234	235.5		4.62	0.5	0.28	3015.1	1162		10	128	0.2	0.26	0.2	0.2	0.5	2.4
RDU_SM_DDH11-15	RDU_SM_613212	ASSAY	WHI11001695	235.5	236.32		2.5	0.2	0.26	2202.6	344		10	135	0.1	0.29	0.3	0.1	0.5	2
RDU_SM_DDH11-15	RDU_SM_613213	ASSAY	WHI11001695	236.32	236.82	Quartz veining with 1-3% asp and py	1.64	1	0.21	2568.2	2205		10	105	0.1	0.32	0.05	0.2	0.5	3
RDU_SM_DDH11-15	RDU_SM_613214	ASSAY	WHI11001695	236.82	238		3.6	0.4	0.25	2071.2	817		10	100	0.1	0.23	0.2	0.1	0.5	2.2
RDU_SM_DDH11-15	RDU_SM_613215	ASSAY	WHI11001695	238	239.5		4.52	0.4	0.27	1251.8	232		10	114	0.3	0.29	0.4	0.1	0.5	3
RDU_SM_DDH11-15	RDU_SM_613216	ASSAY	WHI11001695	239.5	241		4.67	0.1	0.21	596.6	77		10	111	0.1	0.37	0.05	0.1	0.5	3.2
RDU_SM_DDH11-15	RDU_SM_613217	ASSAY	WHI11001695	241	242.52		5.26	0.1	0.26	2171.3	207		10	169	0.05	0.44	0.05	0.1	0.5	5.4
RDU_SM_DDH11-15	RDU_SM_613218	ASSAY	WHI11001695	242.52	244	Quartz vein	4.04	0.2	0.11	262	478		10	122	0.05	0.47	0.1	0.1	0.5	6.1
RDU_SM_DDH11-15	RDU_SM_613219	ASSAY	WHI11001695	244	245.5	Quartz vein	4.25	0.2	0.12	183.6	13		10	92	0.2	0.32	0.3	0.2	0.5	8.5
RDU_SM_DDH11-15	RDU_SM_613220	ASSAY	WHI11001695	245.5	247	Quartz vein	4.32	0.3	0.23	238.4	50		10	221	0.2	0.31	0.1	0.3	0.5	7.5
RDU_SM_DDH11-15	RDU_SM_613221	ASSAY	WHI11001695	247	248.5	Quartz and biotite	3.31	0.3	0.33	285.3	507		10	267	0.1	0.65	0.05	0.3	0.5	11.6
RDU_SM_DDH11-15	RDU_SM_613222	ASSAY	WHI11001695	248.5	250	Quartz and biotite	3.49	0.2	0.16	259.1	57		10	191	0.1	1.36	0.05	0.4	0.5	7
RDU_SM_DDH11-15	RDU_SM_613223	ASSAY	WHI11001695	250	251.05	Quartz vein and biotite	3.58	1.2	0.28	1060.4	772		10	515	0.1	0.43	0.05	0.3	0.5	6.3
RDU_SM_DDH11-15	RDU_SM_613225	ASSAY	WHI11001695	251.05	252.5		4.21	0.05	0.31	26.1	6		10	365	0.1	1.47	0.05	0.3	0.5	4
RDU_SM_DDH11-15	RDU_SM_613227	ASSAY	WHI11001695	252.5	254		5.77	0.05	0.3	1.2	4		10	290	0.1	1.14	0.05	0.2	2	2.4
RDU_SM_DDH11-15	RDU_SM_613228	ASSAY	WHI11001695	254	256.5		4.84	0.05	0.32	1.2	1		10	905	0.1	1.77	0.05	0.4	0.5	2.6
RDU_SM_DDH11-15	RDU_SM_613229	ASSAY	WHI11001695	256.5	257		4.52	0.05	0.31	1.4	1		10	1101	0.2	1.52	0.05	0.3	0.5	2.3
RDU_SM_DDH11-15	RDU_SM_613230	ASSAY	WHI11001695	257	258.5		5.23	0.3	0.31	1.2	7		10	253	0.3	1.73	0.3	0.3	0.5	1.9
RDU_SM_DDH11-15	RDU_SM_613231	ASSAY	WHI11001695	258.5	260		4.52	0.2	0.34	0.25	1		10	345	0.3	1.34	0.2	0.3	0.5	3.1
RDU_SM_DDH11-15	RDU_SM_613232	ASSAY	WHI11001695	260	261.5		4.72	0.1	0.31	0.7	1		10	438	0.2	1.48	0.1	0.2	0.5	0.9
RDU_SM_DDH11-15	RDU_SM_613233	ASSAY	WHI11001695	261.5	263		4.78	0.05	0.33	1.3	2		10	276	0.2	1.61	0.05	0.2	0.5	1
RDU_SM_DDH11-15	RDU_SM_613235	ASSAY	WHI11001695	263	264.85		5.63	0.05	0.34	0.7	1		10	373	0.2	1.88	0.05	0.3	0.5	1.9

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-15	0.99	1	0.005	0.22	43	0.74	335	1.4	0.015	0.3	0.003	18.1	0.025	0.05	2.2	0.25	184	15.7	0.0005	0.05	0.1	1	0.05	43
RDU_SM_DDH11-15	1.04	2	0.02	0.23	45	0.79	289	0.4	0.012	0.4	0.002	29	0.025	0.05	2.6	0.25	208	17.2	0.0005	0.05	0.1	1	0.05	56
RDU_SM_DDH11-15	1.64	2	0.02	0.18	79	1.16	347	0.8	0.01	0.9	0.004	28	0.025	0.05	4.3	0.25	195	31.2	0.0005	0.05	0.1	1	0.1	107
RDU_SM_DDH11-15	0.92	1	0.04	0.21	37	0.66	293	171.9	0.011	0.4	0.004	10.3	0.07	0.05	1.3	0.25	176	14.5	0.0005	0.05	0.1	1	0.1	42
RDU_SM_DDH11-15	0.79	1	0.04	0.22	36	0.51	313	3.5	0.012	0.4	0.003	12.3	0.08	0.1	1.5	0.25	139	15	0.0005	0.05	0.1	1	0.1	31
RDU_SM_DDH11-15	1.1	1	0.02	0.24	45	0.72	295	0.5	0.015	0.3	0.003	7.8	0.07	0.05	1.8	0.25	156	17.3	0.0005	0.05	0.1	1	0.1	56
RDU_SM_DDH11-15	1.12	2	0.02	0.31	47	0.8	321	2.4	0.014	0.4	0.005	6.3	0.05	0.1	2	0.25	214	20.1	0.001	0.05	0.1	1	0.1	56
RDU_SM_DDH11-15	0.87	0.5	0.01	0.28	32	0.18	157	8.2	0.011	0.4	0.005	23.5	0.53	0.2	0.8	0.25	77	13.1	0.0005	0.05	0.1	1	0.05	31
RDU_SM_DDH11-15	0.87	0.5	0.02	0.25	27	0.04	73	0.05	0.01	0.5	0.003	83.6	0.76	0.2	0.5	0.25	26	13.7	0.0005	0.05	0.1	1	0.05	169
RDU_SM_DDH11-15	0.8	1	0.02	0.25	36	0.04	86	0.1	0.01	0.8	0.004	152.3	0.64	0.2	0.8	0.25	23	15.3	0.0005	0.05	0.1	1	0.05	785
RDU_SM_DDH11-15	0.59	1	0.005	0.28	36	0.03	70	0.05	0.017	0.3	0.005	78.8	0.35	0.3	0.8	0.25	19	14.3	0.0005	0.2	0.1	1	0.1	125
RDU_SM_DDH11-15	0.58	1	0.005	0.26	36	0.03	63	0.05	0.014	0.3	0.005	61.6	0.39	0.2	0.8	0.25	19	14.9	0.0005	0.05	0.1	1	0.1	194
RDU_SM_DDH11-15	0.33	0.5	0.005	0.24	36	0.02	49	0.05	0.037	0.3	0.004	54.4	0.15	0.2	0.5	0.25	18	14.2	0.0005	0.05	0.1	1	0.1	129
RDU_SM_DDH11-15	0.41	0.5	0.005	0.23	32	0.02	87	0.05	0.037	0.2	0.005	33.1	0.23	0.4	0.8	0.25	32	14.3	0.0005	0.05	0.1	1	0.1	46
RDU_SM_DDH11-15	0.28	0.5	0.005	0.23	40	0.01	60	0.05	0.043	0.3	0.005	16.1	0.13	0.2	0.5	0.25	18	14.4	0.0005	0.05	0.1	1	0.2	39
RDU_SM_DDH11-15	0.48	0.5	0.005	0.21	27	0.02	37	0.05	0.029	0.4	0.004	34.9	0.26	0.5	0.4	0.25	11	12.9	0.0005	0.05	0.1	1	0.2	25
RDU_SM_DDH11-15	0.34	0.5	0.005	0.27	30	0.02	83	0.2	0.033	0.2	0.004	33.7	0.18	0.2	0.5	0.25	26	15.1	0.0005	0.05	0.1	1	0.2	61
RDU_SM_DDH11-15	0.43	0.5	0.005	0.14	26	0.01	67	0.05	0.052	0.3	0.004	48.5	0.31	0.2	0.5	0.25	21	12.7	0.0005	0.05	0.1	1	0.1	31
RDU_SM_DDH11-15	0.7	0.5	0.005	0.06	28	0.01	48	0.05	0.078	0.2	0.004	261.5	0.64	0.7	0.4	0.6	15	14.4	0.0005	0.05	0.1	1	0.05	174
RDU_SM_DDH11-15	0.53	0.5	0.005	0.17	32	0.02	41	0.05	0.058	0.2	0.004	96.8	0.43	0.2	0.6	0.25	15	15.9	0.001	0.05	0.1	1	0.05	120
RDU_SM_DDH11-15	0.5	0.5	0.005	0.13	25	0.02	40	0.05	0.061	0.3	0.003	78.6	0.38	0.2	0.5	0.25	15	12.7	0.0005	0.05	0.1	1	0.05	41
RDU_SM_DDH11-15	0.45	0.5	0.005	0.25	32	0.02	61	0.05	0.021	0.2	0.004	40	0.26	0.3	0.4	0.25	20	15.4	0.0005	0.05	0.1	1	0.3	253
RDU_SM_DDH11-15	0.49	1	0.005	0.27	35	0.02	61	0.1	0.026	0.2	0.004	32.4	0.27	0.3	0.4	0.25	21	14.5	0.0005	0.05	0.1	1	0.3	36
RDU_SM_DDH11-15	0.42	0.5	0.005	0.26	31	0.02	64	0.2	0.026	0.2	0.003	19.6	0.21	0.2	0.4	0.25	20	14.3	0.0005	0.05	0.1	1	0.2	47
RDU_SM_DDH11-15	0.51	0.5	0.005	0.18	31	0.02	71	0.05	0.037	0.2	0.004	24	0.29	0.4	0.5	0.25	23	13.3	0.0005	0.05	0.1	1	0.2	13
RDU_SM_DDH11-15	0.4	0.5	0.005	0.22	34	0.01	54	0.1	0.026	0.2	0.004	24.8	0.21	0.2	0.4	0.25	19	13.2	0.0005	0.05	0.1	1	0.2	27
RDU_SM_DDH11-15	0.41	0.5	0.005	0.24	39	0.02	67	0.05	0.033	0.3	0.005	43.3	0.23	0.2	0.5	0.25	28	14.7	0.0005	0.05	0.1	1	0.2	54
RDU_SM_DDH11-15	0.43	0.5	0.005	0.23	41	0.02	78	0.05	0.022	0.1	0.005	14.2	0.21	0.1	1.1	0.25	40	14.8	0.0005	0.05	0.1	1	0.1	14
RDU_SM_DDH11-15	0.39	0.5	0.005	0.24	38	0.02	85	0.05	0.032	0.2	0.005	13.5	0.17	0.2	0.5	0.25	34	13.8	0.0005	0.05	0.1	1	0.2	17
RDU_SM_DDH11-15	0.68	0.5	0.005	0.04	25	0.03	111	0.05	0.08	0.2	0.006	17.7	0.46	0.3	0.8	0.25	32	12.3	0.0005	0.05	0.1	1	0.05	19
RDU_SM_DDH11-15	0.82	0.5	0.005	0.04	27	0.07	105	0.05	0.072	0.2	0.004	32	0.39	0.3	1	0.25	36	13.1	0.0005	0.05	0.1	1	0.05	45
RDU_SM_DDH11-15	0.61	0.5	0.005	0.26	25	0.03	66	0.05	0.024	0.3	0.003	31.7	0.41	0.2	0.4	0.25	32	12.1	0.0005	0.05	0.1	1	0.1	20
RDU_SM_DDH11-15	1	1	0.005	0.37	44	0.03	113	0.05	0.022	0.4	0.005	21.1	0.95	0.2	0.7	0.25	43	27.7	0.0005	0.05	0.1	1	0.1	11
RDU_SM_DDH11-15	0.8	0.5	0.005	0.1	29	0.1	246	0.05	0.067	0.1	0.004	20.9	0.57	0.4	1	0.25	96	18.3	0.0005	0.05	0.1	1	0.05	8
RDU_SM_DDH11-15	0.68	1	0.005	0.34	30	0.17	117	0.05	0.021	0.3	0.003	15	0.38	0.5	0.5	0.25	69	14.3	0.0005	0.1	0.1	1	0.1	11
RDU_SM_DDH11-15	0.88	1	0.005	0.16	48	0.75	265	0.05	0.014	0.05	0.003	10.4	0.025	0.05	1.7	0.25	219	18.1	0.0005	0.1	0.1	1	0.05	59
RDU_SM_DDH11-15	0.8	0.5	0.01	0.16	49	0.72	211	0.8	0.013	0.05	0.003	8.9	0.025	0.05	2	0.25	145	17	0.0005	0.05	0.1	1	0.2	59
RDU_SM_DDH11-15	0.83	0.5	0.005	0.15	44	0.73	294	1.6	0.01	0.3	0.003	15.1	0.05	0.05	1.8	0.25	188	16.4	0.0005	0.05	0.1	1	0.1	58
RDU_SM_DDH11-15	0.75	1	0.01	0.17	45	0.65	258	1.4	0.009	0.05	0.003	10.8	0.11	0.05	1.7	0.25	156	16.7	0.0005	0.05	0.1	1	0.1	54
RDU_SM_DDH11-15	0.77	0.5	0.005	0.22	29	0.72	271	3.5	0.01	0.05	0.003	50	0.09	0.05	1	0.25	175	15.1	0.0005	0.05	0.1	1	0.1	56
RDU_SM_DDH11-15	0.7	0.5	0.005	0.23	39	0.67	239	1.5	0.011	0.2	0.004	31.6	0.025	0.1	1	0.25	158	15.1	0.0005	0.05	0.1	1	0.1	53
RDU_SM_DDH11-15	0.77	1	0.005	0.19	45	0.71	240	0.9	0.013	0.05	0.003	12.3	0.025	0.05	1.2	0.25	165	17.1	0.0005	0.05	0.1	1	0.2	57
RDU_SM_DDH11-15	0.84	0.5	0.005	0.17	46	0.72	275	0.7	0.013	0.3	0.003	11	0.05	0.05	2.2	0.25	188	17	0.0005	0.05	0.1	1	0.2	52
RDU_SM_DDH11-15	0.86	0.5	0.02	0.16	42	0.78	248	0.2	0.015	0.3	0.002	12.8	0.05	0.05	2.9	0.25	212	16	0.0005	0.05	0.1	1	0.2	64

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-15	RDU_SM_613236	ASSAY	WHI11001695	264.85	266.55	Fault gouge	4.91	0.05	0.35	1.6	11		10	357	0.2	2.41	0.2	0.4	0.5	1.5
RDU_SM_DDH11-15	RDU_SM_613237	ASSAY	WHI11001695	266.55	268		4.7	0.05	0.4	0.5	1		10	583	0.2	1.35	0.1	0.3	0.5	3.2
RDU_SM_DDH11-15	RDU_SM_613238	ASSAY	WHI11001695	268	269.5		4.63	0.05	0.4	0.25	1		10	671	0.2	1.83	0.1	0.2	0.5	1.2
RDU_SM_DDH11-15	RDU_SM_613239	ASSAY	WHI11001695	269.5	271		4.81	0.05	0.36	0.6	1		10	533	0.2	1.46	0.1	0.2	0.5	1.1
RDU_SM_DDH11-15	RDU_SM_613240	ASSAY	WHI11001695	271	272.5		4.78	0.05	0.4	0.6	1		10	540	0.2	1.31	0.05	0.3	0.5	1.2
RDU_SM_DDH11-15	RDU_SM_613241	ASSAY	WHI11001695	272.5	274		4.56	0.05	0.38	0.25	1		10	367	0.2	1.59	0.05	0.3	0.5	1.6
RDU_SM_DDH11-15	RDU_SM_613242	ASSAY	WHI11001695	274	275		3.36	0.05	0.36	0.7	1		10	460	0.2	1.4	0.1	0.3	0.5	1.3
RDU_SM_DDH11-15	RDU_SM_613243	ASSAY	WHI11001695	275	275.66		2.2	0.05	0.38	0.7	1		10	617	0.2	1.68	0.1	0.2	0.5	1
RDU_SM_DDH11-15	RDU_SM_613244	ASSAY	WHI11001695	275.66	277		2.35	0.05	0.37	1.2	1		10	308	0.1	1.48	0.05	0.4	0.5	3.7
RDU_SM_DDH11-15	RDU_SM_613245	FieldDup	WHI11001695	275.66	277	RDU_SM_613244	1.93	0.05	0.38	0.9	1		10	497	0.2	1.6	0.05	0.5	0.5	3.6
RDU_SM_DDH11-15	RDU_SM_613246	ASSAY	WHI11001695	277	278.5		4.4	0.05	0.39	0.9	1		10	267	0.2	1.51	0.05	0.9	0.5	1.5
RDU_SM_DDH11-15	RDU_SM_613247	ASSAY	WHI11001695	278.5	280		4.77	0.05	0.38	4.5	2		10	345	0.3	1.99	0.1	0.5	0.5	1.6
RDU_SM_DDH11-15	RDU_SM_613248	ASSAY	WHI11001695	280	281.5		4.67	0.05	0.39	0.7	7		10	226	0.1	1.72	0.05	0.4	0.5	0.9
RDU_SM_DDH11-15	RDU_SM_613249	ASSAY	WHI11001695	281.5	283		4.56	0.05	0.34	3.2	2		10	245	0.3	2.14	0.2	0.3	0.5	0.9
RDU_SM_DDH11-15	RDU_SM_613250	ASSAY	WHI11001695	283	284.5		4.7	0.05	0.36	0.25	1		10	197	0.1	1.73	0.1	0.4	0.5	0.7
RDU_SM_DDH11-15	RDU_SM_613251	ASSAY	WHI11001695	284.5	286		4.61	0.05	0.37	0.6	1		10	274	0.2	1.66	0.05	0.5	0.5	0.7
RDU_SM_DDH11-15	RDU_SM_613252	ASSAY	WHI11001695	286	287		3.22	0.1	0.36	0.8	1		10	410	0.1	1.94	0.1	0.4	0.5	0.5
RDU_SM_DDH11-15	RDU_SM_613253	ASSAY	WHI11001695	287	288.04		3.5	0.05	0.26	1.3	2		10	239	0.1	1.67	0.05	0.5	0.5	1.9
RDU_SM_DDH11-15	RDU_SM_613254	ASSAY	WHI11001695	288.04	289.56		4.63	0.1	0.38	11.2	3		10	225	0.2	1.14	0.1	0.5	0.5	6
RDU_SM_DDH11-18	RDU_SM_611680	ASSAY	WHI11001593	4.57	6	Core Loss	5.71	1.1	0.39	2.8	2		10	162	0.7	0.82	0.7	3.1	1	61.2
RDU_SM_DDH11-18	RDU_SM_611681	ASSAY	WHI11001593	6	7		4.6	0.3	0.45	1	1		10	245	0.4	1.44	0.1	5.3	0.5	59.7
RDU_SM_DDH11-18	RDU_SM_611682	ASSAY	WHI11001593	7	8		4.61	0.5	0.57	2.6	3		10	183	0.5	1.03	0.8	5.2	1	82.4
RDU_SM_DDH11-18	RDU_SM_611683	ASSAY	WHI11001593	8	9		4.37	0.7	0.47	3.6	1		10	821	0.5	0.12	0.05	1.4	0.5	48.9
RDU_SM_DDH11-18	RDU_SM_611684	ASSAY	WHI11001593	9	10		3.51	0.5	0.34	7.2	15		10	122	0.2	0.03	0.05	0.8	3	19.9
RDU_SM_DDH11-18	RDU_SM_611685	ASSAY	WHI11001593	10	11		4.29	0.3	0.37	4.9	5		10	103	0.05	0.02	0.05	1.1	0.5	15.3
RDU_SM_DDH11-18	RDU_SM_611686	ASSAY	WHI11001593	11	12		4.02	0.7	0.39	5.6	3		10	120	0.2	0.01	0.05	0.9	2	12.5
RDU_SM_DDH11-18	RDU_SM_611687	ASSAY	WHI11001593	12	13		4.44	0.7	0.32	1.1	1		10	100	0.2	0.005	0.05	0.3	0.5	4.8
RDU_SM_DDH11-18	RDU_SM_611688	ASSAY	WHI11001593	13	14		4.31	1.2	0.39	0.9	2		10	147	0.2	0.005	0.05	0.3	3	5.8
RDU_SM_DDH11-18	RDU_SM_611690	ASSAY	WHI11001593	14	15		4.47	0.9	0.44	1.3	4		10	105	0.2	0.43	0.1	0.8	1	73.4
RDU_SM_DDH11-18	RDU_SM_611691	ASSAY	WHI11001593	15	16		5.33	0.5	0.62	1	3		10	207	0.2	1.54	0.5	2.4	0.5	74.3
RDU_SM_DDH11-18	RDU_SM_611692	ASSAY	WHI11001593	16	17		4.92	0.7	0.53	1.1	2		10	233	0.2	0.97	0.7	2.6	2	37.1
RDU_SM_DDH11-18	RDU_SM_611693	ASSAY	WHI11001593	17	18		3.65	0.6	0.41	1.6	1		10	140	0.4	1.25	0.3	1.9	0.5	25.7
RDU_SM_DDH11-18	RDU_SM_611694	ASSAY	WHI11001593	18	19		4.99	0.1	0.39	0.25	2		10	114	0.2	0.55	0.05	1.1	2	15.3
RDU_SM_DDH11-18	RDU_SM_611695	ASSAY	WHI11001593	19	20		5.11	0.4	0.38	1.6	2		10	133	0.3	0.83	0.2	2	0.5	45.4
RDU_SM_DDH11-18	RDU_SM_611696	ASSAY	WHI11001593	20	21		3.88	0.8	0.48	1.6	5		10	206	0.6	1.17	0.6	3.9	2	50.7
RDU_SM_DDH11-18	RDU_SM_611697	ASSAY	WHI11001593	21	22		4.86	0.3	0.41	1.2	1		10	278	0.2	1.42	0.1	2.6	1	17.9
RDU_SM_DDH11-18	RDU_SM_611698	ASSAY	WHI11001593	22	23		4.51	0.1	0.37	0.6	1		10	94	0.3	1.04	0.1	2.9	3	17.2
RDU_SM_DDH11-18	RDU_SM_611700	ASSAY	WHI11001593	23	24		4.62	0.5	0.42	2.4	1		10	139	0.3	1.39	0.3	2.8	2	25.9
RDU_SM_DDH11-18	RDU_SM_611701	ASSAY	WHI11001593	24	25		4.94	0.1	0.42	1.1	1		10	209	0.2	1.35	0.05	2	0.5	5.7
RDU_SM_DDH11-18	RDU_SM_611702	ASSAY	WHI11001593	25	26		4.91	1.2	0.47	2	4		10	207	0.3	0.82	0.7	1.6	2	5.9
RDU_SM_DDH11-18	RDU_SM_611703	ASSAY	WHI11001593	26	27		4.54	0.4	0.28	1.2	1		10	252	0.1	0.83	0.1	0.6	0.5	2.6
RDU_SM_DDH11-18	RDU_SM_611704	ASSAY	WHI11001593	27	28		4.77	0.8	0.36	4.6	4		10	321	1.2	1.1	0.4	2.6	2	8.4
RDU_SM_DDH11-18	RDU_SM_611705	ASSAY	WHI11001593	28	29		4.84	0.5	0.39	8.1	6		10	257	0.4	0.84	0.3	2.1	0.5	6.4
RDU_SM_DDH11-18	RDU_SM_611706	ASSAY	WHI11001593	29	30		4.71	0.3	0.34	12.5	3		10	349	0.2	0.78	1	5.1	2	13
RDU_SM_DDH11-18	RDU_SM_611707	ASSAY	WHI11001593	30	31		5.07	0.3	0.32	27.6	8		10	228	0.2	0.66	0.3	2.7	0.5	13.6
RDU_SM_DDH11-18	RDU_SM_611708	ASSAY	WHI11001593	31	32		3.03	0.2	0.37	9.6	9		10	207	0.2	0.87	0.1	2.4	2	8

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-15	1.08	1	0.01	0.14	40	0.99	332	0.8	0.015	0.6	0.002	16.4	0.12	0.05	3	0.25	299	15.5	0.0005	0.05	0.1	1	0.2	67
RDU_SM_DDH11-15	0.97	1	0.01	0.17	43	0.69	240	0.2	0.019	0.2	0.003	18.2	0.1	0.05	3	0.25	196	17.2	0.0005	0.05	0.1	1	0.3	70
RDU_SM_DDH11-15	0.91	1	0.005	0.18	47	0.84	262	0.4	0.023	0.6	0.003	16.3	0.07	0.05	3	0.25	226	18	0.0005	0.05	0.1	1	0.3	56
RDU_SM_DDH11-15	0.89	1	0.005	0.17	46	0.71	237	0.3	0.019	0.3	0.004	11.5	0.025	0.05	2.9	0.25	183	17.9	0.0005	0.05	0.1	1	0.3	52
RDU_SM_DDH11-15	0.93	1	0.005	0.2	51	0.73	240	0.6	0.018	0.3	0.004	7.2	0.06	0.05	2.8	0.25	175	17.7	0.0005	0.05	0.1	1	0.2	57
RDU_SM_DDH11-15	0.99	0.5	0.005	0.19	54	0.81	258	0.5	0.017	0.3	0.004	17.7	0.06	0.05	2.6	0.25	217	19.2	0.0005	0.05	0.1	1	0.2	56
RDU_SM_DDH11-15	0.78	0.5	0.01	0.17	45	0.64	205	0.4	0.02	0.2	0.004	8.9	0.05	0.05	2.6	0.25	174	17.5	0.0005	0.05	0.1	1	0.4	45
RDU_SM_DDH11-15	1.07	0.5	0.005	0.18	49	0.8	285	4.4	0.017	0.4	0.004	10.3	0.06	0.05	3.4	0.25	205	21.3	0.0005	0.05	0.1	1	0.5	63
RDU_SM_DDH11-15	0.82	0.5	0.005	0.18	46	0.72	244	0.9	0.016	0.4	0.004	15.5	0.025	0.1	2	0.25	186	17.5	0.0005	0.05	0.1	1	0.1	51
RDU_SM_DDH11-15	0.98	0.5	0.01	0.19	48	0.79	262	0.7	0.014	0.3	0.004	27.3	0.11	0.05	2.4	0.25	198	20	0.0005	0.05	0.1	1	0.2	59
RDU_SM_DDH11-15	0.85	0.5	0.005	0.2	57	0.71	241	1.4	0.016	0.05	0.003	16.2	0.025	0.05	2.8	0.25	217	21.4	0.0005	0.05	0.1	1	0.05	59
RDU_SM_DDH11-15	0.99	1	0.02	0.19	46	0.89	269	2.3	0.017	0.5	0.004	15.1	0.1	0.05	1.9	0.25	302	19	0.0005	0.05	0.1	1	0.05	56
RDU_SM_DDH11-15	0.92	0.5	0.005	0.18	46	0.8	234	0.5	0.016	0.3	0.003	9.2	0.025	0.05	2.1	0.25	230	16.8	0.0005	0.05	0.1	1	0.05	54
RDU_SM_DDH11-15	1.05	0.5	0.03	0.17	41	0.97	291	1.1	0.015	0.2	0.002	23.1	0.12	0.05	2.7	0.25	262	17.2	0.0005	0.05	0.1	1	0.1	55
RDU_SM_DDH11-15	1.29	0.5	0.01	0.15	42	0.93	302	0.05	0.018	0.3	0.003	10.3	0.025	0.05	1.6	0.5	203	17.8	0.0005	0.05	0.1	1	0.05	73
RDU_SM_DDH11-15	1.09	1	0.005	0.17	47	0.83	276	0.05	0.016	0.4	0.003	10.4	0.025	0.05	1.6	0.25	183	18.2	0.0005	0.05	0.1	1	0.05	55
RDU_SM_DDH11-15	1.22	1	0.005	0.17	46	0.85	311	0.05	0.016	0.6	0.004	12.4	0.025	0.05	1.6	0.25	255	18.4	0.0005	0.05	0.1	1	0.05	61
RDU_SM_DDH11-15	0.77	0.5	0.005	0.14	41	0.48	260	0.2	0.018	0.2	0.004	17.9	0.025	0.05	0.9	0.25	212	14	0.0005	0.05	0.1	1	0.05	26
RDU_SM_DDH11-15	0.65	0.5	0.02	0.25	34	0.2	217	1.1	0.011	0.5	0.004	14.3	0.23	0.05	1.5	0.6	132	16.9	0.0005	0.05	0.1	1	0.3	26
RDU_SM_DDH11-18	1.78	1	0.02	0.17	17	0.38	440	1.9	0.015	0.7	0.022	135.8	0.31	0.3	1.6	0.6	44	11.4	0.0005	0.05	0.1	1	0.4	94
RDU_SM_DDH11-18	1.96	1	0.02	0.22	20	0.51	823	2	0.009	1.3	0.021	9.2	0.5	0.1	1.5	0.25	73	11.1	0.001	0.05	0.1	1	0.7	90
RDU_SM_DDH11-18	2.25	1	0.03	0.17	17	0.16	876	1.5	0.008	1.7	0.02	30.7	0.8	0.2	1.7	0.25	55	10	0.0005	0.05	0.1	1	0.4	159
RDU_SM_DDH11-18	1.97	2	0.04	0.21	24	0.07	118	1.3	0.012	0.9	0.019	28.2	0.22	0.1	1.3	0.25	43	10.9	0.0005	0.05	0.1	1	0.6	99
RDU_SM_DDH11-18	0.58	1	0.03	0.15	18	0.04	26	0.9	0.004	0.4	0.006	49.2	0.06	0.2	0.4	0.25	13	8.4	0.0005	0.05	0.1	1	0.2	6
RDU_SM_DDH11-18	0.38	1	0.03	0.16	24	0.03	15	0.3	0.004	0.3	0.004	10.6	0.05	0.1	0.3	0.25	8	7.3	0.0005	0.05	0.1	1	0.1	3
RDU_SM_DDH11-18	0.38	1	0.03	0.22	27	0.04	19	1.3	0.005	0.2	0.003	45.8	0.06	0.3	0.3	0.25	9	7.4	0.0005	0.05	0.1	1	0.1	5
RDU_SM_DDH11-18	0.27	0.5	0.02	0.22	19	0.05	14	1.9	0.005	0.4	0.003	38	0.025	0.4	0.2	0.25	7	4.9	0.0005	0.05	0.1	1	0.1	2
RDU_SM_DDH11-18	0.31	0.5	0.03	0.25	15	0.05	17	1.9	0.006	0.4	0.002	23.1	0.025	0.5	0.3	0.25	8	5.4	0.001	0.05	0.1	1	0.2	4
RDU_SM_DDH11-18	0.81	0.5	0.03	0.18	9	0.06	66	2.3	0.004	0.3	0.003	89.7	0.39	0.6	0.4	0.25	11	15.2	0.0005	0.05	0.1	1	0.2	36
RDU_SM_DDH11-18	1.1	1	0.005	0.19	21	0.69	791	1.2	0.017	1.1	0.002	27.8	0.64	0.5	0.7	0.25	62	16.2	0.0005	0.05	0.1	1	0.1	166
RDU_SM_DDH11-18	1.41	2	0.005	0.27	21	0.58	416	0.9	0.021	0.7	0.015	85	0.54	0.4	1.2	0.25	41	13.5	0.002	0.05	0.1	1	0.1	160
RDU_SM_DDH11-18	1.18	1	0.005	0.19	19	0.7	365	1.6	0.032	0.5	0.005	47	0.43	0.2	0.6	0.25	53	13.9	0.001	0.05	0.1	1	0.1	72
RDU_SM_DDH11-18	0.66	1	0.005	0.16	29	0.31	160	1.9	0.046	0.3	0.004	3.6	0.2	0.1	0.5	0.25	26	14.6	0.001	0.05	0.1	1	0.05	44
RDU_SM_DDH11-18	1.04	1	0.005	0.2	23	0.36	289	1.6	0.027	0.4	0.015	14	0.3	0.1	0.8	0.25	31	13	0.001	0.05	0.1	1	0.1	66
RDU_SM_DDH11-18	1.85	2	0.005	0.27	20	0.54	564	0.9	0.027	0.7	0.029	47.1	0.47	0.2	1.8	0.25	52	11.1	0.001	0.05	0.1	1	0.5	104
RDU_SM_DDH11-18	0.95	1	0.005	0.25	19	0.65	388	0.6	0.03	1.2	0.014	17.2	0.29	0.1	1.3	0.25	58	11.1	0.001	0.05	0.1	2	0.1	23
RDU_SM_DDH11-18	0.88	1	0.005	0.22	21	0.42	299	0.7	0.033	1.6	0.02	4.7	0.28	0.1	1.4	0.25	36	10.8	0.002	0.05	0.1	2	0.05	26
RDU_SM_DDH11-18	1.14	1	0.005	0.28	33	0.53	504	0.6	0.025	1.4	0.028	42.2	0.4	0.3	1.1	0.25	38	15.1	0.002	0.1	0.1	1	0.1	58
RDU_SM_DDH11-18	1.14	2	0.005	0.28	27	0.57	511	1.2	0.034	1	0.019	12.2	0.54	0.1	1.1	0.25	44	14.1	0.003	0.05	0.1	2	0.05	32
RDU_SM_DDH11-18	0.99	2	0.005	0.32	32	0.35	419	1.1	0.036	0.3	0.02	209.1	0.35	0.3	0.7	0.25	30	16.7	0.002	0.05	0.1	1	0.05	85
RDU_SM_DDH11-18	0.48	1	0.005	0.2	24	0.17	331	1.3	0.042	0.4	0.006	52.3	0.24	0.1	0.3	0.25	26	16.5	0.001	0.05	0.1	1	0.05	32
RDU_SM_DDH11-18	1.04	0.5	0.005	0.28	22	0.23	526	0.7	0.019	0.4	0.026	103.9	0.7	0.2	0.6	0.25	35	14.6	0.002	0.05	0.1	1	0.1	91
RDU_SM_DDH11-18	1.39	1	0.005	0.32	25	0.19	298	12.5	0.038	0.4	0.021	29.1	0.73	0.3	0.8	0.5	44	13.6	0.002	0.1	0.1	1	0.2	105
RDU_SM_DDH11-18	1.41	1	0.01	0.28	27	0.09	436	0.3	0.031	0.5	0.031	25.3	0.7	0.3	0.9	0.25	35	14.5	0.002	0.2	0.1	3	0.2	115
RDU_SM_DDH11-18	1.1	0.5	0.005	0.29	21	0.06	154	0.7	0.025	0.4	0.024	25.2	0.55	0.5	0.6	0.25	42	11.8	0.002	0.2	0.1	1	0.2	45
RDU_SM_DDH11-18	1.12	1	0.005	0.34	22	0.06	561	1.2	0.021	0.5	0.038	15.9	0.27	0.4	0.8	0.25	27	11.4	0.004	0.1	0.1	1	0.3	22

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-18	RDU_SM_611709	ASSAY	WHI11001593	32	33		2.79	0.05	0.3	235.5	11		10	197	0.05	1.05	0.05	1.5	0.5	4.2
RDU_SM_DDH11-18	RDU_SM_611710	FieldDup	WHI11001593	32	33	DUP of RDU_SM_611709	2.08	0.05	0.28	195.5	19		10	186	0.05	1.04	0.05	1.8	2	5.5
RDU_SM_DDH11-18	RDU_SM_611711	ASSAY	WHI11001593	33	34		5.63	0.3	0.38	119.9	83		10	279	0.2	1.49	0.1	2.1	0.5	4.7
RDU_SM_DDH11-18	RDU_SM_611712	ASSAY	WHI11001593	34	35		5.05	0.2	0.33	4	1		10	227	0.1	1.78	0.2	2.4	2	7.1
RDU_SM_DDH11-18	RDU_SM_611713	ASSAY	WHI11001593	35	36		5.16	0.1	0.38	3.9	3		10	274	0.05	1.76	0.05	2.2	0.5	4
RDU_SM_DDH11-18	RDU_SM_611714	ASSAY	WHI11001593	36	37		5.12	0.05	0.35	1.7	1		10	285	0.05	1.84	0.05	2.1	2	4.3
RDU_SM_DDH11-18	RDU_SM_611715	ASSAY	WHI11001593	37	38		4.62	0.1	0.39	5.7	1		10	272	0.05	1.77	0.1	2.2	0.5	9.4
RDU_SM_DDH11-18	RDU_SM_611716	ASSAY	WHI11001593	38	39		4.95	0.05	0.3	3.5	1		10	115	0.05	1.95	0.05	1.9	0.5	4.7
RDU_SM_DDH11-18	RDU_SM_611717	ASSAY	WHI11001593	39	40		5.02	0.05	0.34	9.4	42		10	98	0.2	2.91	0.1	1.8	0.5	1.7
RDU_SM_DDH11-18	RDU_SM_611718	ASSAY	WHI11001593	40	41		5.68	0.05	0.32	44.8	18		10	109	0.2	3.16	0.05	0.9	13	1.2
RDU_SM_DDH11-18	RDU_SM_611719	ASSAY	WHI11001593	41	42		4.99	0.2	0.38	231.3	87		10	95	0.1	3.38	0.05	2.3	0.5	4.7
RDU_SM_DDH11-18	RDU_SM_611720	ASSAY	WHI11001593	42	43		3.81	0.05	0.44	7.3	1		10	64	0.2	0.43	0.05	1.2	1	7.7
RDU_SM_DDH11-18	RDU_SM_611721	ASSAY	WHI11001593	43	44		4.43	0.3	0.43	259.9	20		10	109	0.4	0.12	0.05	2.7	0.5	7.2
RDU_SM_DDH11-18	RDU_SM_611722	ASSAY	WHI11001593	44	45		4.91	0.6	0.39	1389.9	233		10	158	0.2	0.15	0.2	3	1	10.4
RDU_SM_DDH11-18	RDU_SM_611723	ASSAY	WHI11001593	45	46		4.77	0.05	0.44	7.3	1		10	252	0.05	0.67	0.05	2.3	0.5	4.8
RDU_SM_DDH11-18	RDU_SM_611725	ASSAY	WHI11001593	46	47		5.32	0.05	0.48	51.1	38		10	390	0.05	2.15	0.05	2.5	0.5	3.5
RDU_SM_DDH11-18	RDU_SM_611726	ASSAY	WHI11001593	47	48		5.34	0.4	0.39	546.9	685		10	290	0.05	2.5	0.5	7.9	4	13.1
RDU_SM_DDH11-18	RDU_SM_611727	ASSAY	WHI11001593	48	48.6		3.41	0.3	0.41	61.3	11		10	240	0.1	2.2	0.3	4.6	2	16.1
RDU_SM_DDH11-18	RDU_SM_611728	ASSAY	WHI11001593	48.6	49.22		3.9	0.05	0.46	12.1	3		10	156	0.05	1.67	0.05	2.1	2	6.2
RDU_SM_DDH11-18	RDU_SM_611729	ASSAY	WHI11001593	49.22	50.38		5.9	0.05	0.42	18.3	3		10	124	0.05	1.94	0.05	1.3	0.5	4.9
RDU_SM_DDH11-18	RDU_SM_611730	ASSAY	WHI11001593	50.38	51		3.03	0.2	0.5	343.2	4		10	286	0.1	3.26	0.3	4.7	2	13.8
RDU_SM_DDH11-18	RDU_SM_611731	ASSAY	WHI11001593	51	52		5.31	0.3	0.49	309.3	378		10	183	0.05	1.88	0.2	3.9	2	8.8
RDU_SM_DDH11-18	RDU_SM_611732	ASSAY	WHI11001593	52	53		5.35	0.05	0.39	67.6	56		10	210	0.05	1.11	0.2	0.8	4	4.8
RDU_SM_DDH11-18	RDU_SM_611733	ASSAY	WHI11001593	53	54		4.75	0.2	0.42	56.6	809		10	99	0.05	0.47	0.1	1.2	0.5	7.8
RDU_SM_DDH11-18	RDU_SM_611735	ASSAY	WHI11001593	54	55		4.17	0.3	0.38	347.3	89		10	93	0.2	0.57	0.2	1.7	0.5	7.2
RDU_SM_DDH11-18	RDU_SM_611736	ASSAY	WHI11001593	55	56		5.29	0.2	0.31	1002.2	48		10	69	0.1	1.42	0.05	0.7	4	5.5
RDU_SM_DDH11-18	RDU_SM_611737	ASSAY	WHI11001593	56	56.8		4.14	0.6	0.5	88.6	23		10	105	0.4	0.8	0.3	2.6	0.5	17.9
RDU_SM_DDH11-18	RDU_SM_611738	ASSAY	WHI11001593	56.8	57.4		2.94	0.4	0.4	122	21		10	186	0.8	1.67	0.1	5.8	2	8.3
RDU_SM_DDH11-18	RDU_SM_611739	ASSAY	WHI11001593	57.4	58		2.71	0.2	0.45	1204.1	207		10	160	0.3	2.06	2.2	1.3	0.5	12.5
RDU_SM_DDH11-18	RDU_SM_611740	ASSAY	WHI11001593	58	59		5.09	1.1	0.47	1614	510		10	149	0.9	2.52	3.6	2	2	45.8
RDU_SM_DDH11-18	RDU_SM_611741	ASSAY	WHI11001593	59	60		4.92	0.1	0.48	40.4	8		10	141	0.2	2.73	0.05	1.4	0.5	9
RDU_SM_DDH11-18	RDU_SM_611742	ASSAY	WHI11001593	60	61		4.94	0.5	0.42	2219.7	277		10	113	0.2	2.45	0.2	1.5	2	14.3
RDU_SM_DDH11-18	RDU_SM_611743	ASSAY	WHI11001593	61	62.06		5.34	0.1	0.4	621.3	133		10	112	0.1	2.37	0.05	1.7	0.5	3.7
RDU_SM_DDH11-18	RDU_SM_611744	ASSAY	WHI11001593	62.06	63		2.32	0.1	0.71	299.3	17		10	210	0.05	0.12	0.1	4.2	0.5	24.2
RDU_SM_DDH11-18	RDU_SM_611745	FieldDup	WHI11001593	62.06	63	DUP of RDU_SM_611744	1.62	0.1	0.71	359.2	21		10	212	0.05	0.16	0.1	3	0.5	19.2
RDU_SM_DDH11-18	RDU_SM_611746	ASSAY	WHI11001593	63	64		4.68	0.1	0.67	182.4	8		10	176	0.1	2.37	0.1	5.7	0.5	7.6
RDU_SM_DDH11-18	RDU_SM_611747	ASSAY	WHI11001593	64	65		4.44	0.3	0.85	161.8	28		10	284	0.1	0.9	0.3	7	0.5	17
RDU_SM_DDH11-18	RDU_SM_611748	ASSAY	WHI11001593	65	66		4.82	0.6	0.88	338.5	38		10	182	0.4	0.71	1.7	8.5	1	35.2
RDU_SM_DDH11-18	RDU_SM_611749	ASSAY	WHI11001593	66	67		3.63	0.3	0.58	458.7	18		10	154	0.2	0.05	0.1	1.1	0.5	13.4
RDU_SM_DDH11-18	RDU_SM_611750	ASSAY	WHI11001593	67	68		4.13	0.2	0.63	610.9	52		10	168	0.1	1.59	0.3	4.8	0.5	17.6
RDU_SM_DDH11-18	RDU_SM_611751	ASSAY	WHI11001593	68	69		5.33	0.2	0.47	266.1	27		10	211	0.05	2.12	0.05	2.9	0.5	12.3
RDU_SM_DDH11-18	RDU_SM_611752	ASSAY	WHI11001593	69	70		5.12	0.1	0.41	421.7	32		10	159	0.05	1.95	0.05	2.5	1	10.5
RDU_SM_DDH11-18	RDU_SM_611753	ASSAY	WHI11001593	70	71		6.29	0.2	0.44	690.5	56		10	163	0.05	2.74	0.1	2.2	0.5	14.6
RDU_SM_DDH11-18	RDU_SM_611754	ASSAY	WHI11001593	71	72		4.67	0.2	0.39	596.8	38		10	101	0.05	2.84	0.4	1.9	2	9.1
RDU_SM_DDH11-18	RDU_SM_611755	ASSAY	WHI11001593	72	73		5.28	0.6	0.43	274	20		10	127	0.4	2.48	5.3	2.5	1	67.5
RDU_SM_DDH11-18	RDU_SM_611756	ASSAY	WHI11001593	73	74		5.74	0.2	0.49	1021.2	54		10	114	0.1	2.61	0.05	2.4	0.5	10.2

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-18	0.51	0.5	0.005	0.27	28	0.04	399	0.5	0.034	0.7	0.016	5.8	0.09	0.2	0.4	0.25	38	15.6	0.002	0.1	0.1	1	0.2	4
RDU_SM_DDH11-18	0.55	0.5	0.01	0.26	27	0.04	386	0.6	0.033	0.5	0.016	5.1	0.09	0.2	0.4	0.25	39	16.8	0.002	0.1	0.1	1	0.2	4
RDU_SM_DDH11-18	0.77	1	0.005	0.39	31	0.07	593	0.9	0.027	0.5	0.033	39	0.28	0.2	0.5	0.25	61	17.1	0.002	0.2	0.1	1	0.2	14
RDU_SM_DDH11-18	1.02	0.5	0.005	0.32	34	0.09	706	0.6	0.024	0.8	0.04	22.1	0.32	0.2	0.7	0.25	78	16.6	0.003	0.1	0.1	4	0.1	21
RDU_SM_DDH11-18	0.63	0.5	0.005	0.38	32	0.07	636	1.2	0.018	1.2	0.039	11.2	0.17	0.1	0.4	0.25	75	18.8	0.002	0.1	0.1	1	0.1	12
RDU_SM_DDH11-18	0.54	0.5	0.005	0.33	33	0.07	633	0.7	0.015	1.4	0.036	10.6	0.13	0.05	0.3	0.25	88	19.2	0.003	0.1	0.1	1	0.2	9
RDU_SM_DDH11-18	0.75	0.5	0.005	0.32	30	0.12	572	1.1	0.02	1	0.034	10.3	0.18	0.2	0.7	0.25	81	17.9	0.002	0.05	0.1	1	0.4	19
RDU_SM_DDH11-18	0.75	1	0.01	0.21	29	0.1	493	0.3	0.027	0.1	0.028	3.7	0.12	0.2	1.5	0.25	50	13.2	0.002	0.05	0.1	1	0.2	12
RDU_SM_DDH11-18	1.12	1	0.005	0.22	22	0.27	613	0.2	0.02	0.3	0.046	2.7	0.3	0.2	2.3	0.25	102	11.3	0.002	0.05	0.1	2	0.3	15
RDU_SM_DDH11-18	0.57	0.5	0.02	0.19	19	0.1	487	0.2	0.015	5.9	0.021	2.4	0.3	0.3	0.7	0.25	91	12.1	0.0005	0.05	0.1	1	0.3	4
RDU_SM_DDH11-18	1.13	0.5	0.02	0.22	17	0.3	665	0.2	0.009	0.5	0.038	3.8	0.72	0.5	0.8	0.25	86	10.5	0.001	0.05	0.1	1	0.5	14
RDU_SM_DDH11-18	0.79	1	0.03	0.18	20	0.06	255	0.05	0.005	0.05	0.026	4.8	0.08	0.05	1.6	0.25	21	11.9	0.0005	0.05	0.1	1	0.7	4
RDU_SM_DDH11-18	0.88	1	0.02	0.21	30	0.04	414	0.05	0.006	0.6	0.036	28	0.06	0.2	1.3	0.25	14	13.1	0.001	0.05	0.1	1	0.9	17
RDU_SM_DDH11-18	1.02	0.5	0.04	0.24	31	0.03	462	0.3	0.004	0.7	0.035	75.5	0.14	0.4	0.6	0.25	25	15.5	0.002	0.1	0.1	1	0.6	34
RDU_SM_DDH11-18	0.57	0.5	0.02	0.3	32	0.04	379	0.8	0.003	0.7	0.033	5.4	0.13	0.1	0.3	0.25	32	16.6	0.002	0.05	0.1	1	0.7	7
RDU_SM_DDH11-18	0.61	1	0.005	0.4	32	0.09	649	0.8	0.018	1.3	0.037	5.2	0.23	0.1	0.4	0.25	98	19.3	0.003	0.1	0.1	1	0.4	7
RDU_SM_DDH11-18	1.89	1	0.005	0.24	20	0.58	1129	0.3	0.034	7.4	0.045	34.1	0.67	0.5	1.9	0.25	114	17.4	0.002	0.05	0.1	5	1.8	75
RDU_SM_DDH11-18	1.18	1	0.005	0.28	22	0.37	680	0.5	0.028	5.7	0.04	15.4	0.37	0.4	1.2	0.25	90	12.9	0.002	0.05	0.1	3	0.9	52
RDU_SM_DDH11-18	0.96	2	0.04	0.3	35	0.16	503	3.8	0.047	0.3	0.027	4.8	0.37	0.2	1.2	0.25	58	16.5	0.002	0.3	0.1	1	0.4	12
RDU_SM_DDH11-18	0.72	1	0.03	0.25	31	0.17	543	7.6	0.042	0.4	0.021	4.3	0.21	0.2	0.9	0.25	70	16.6	0.001	0.2	0.1	1	0.3	10
RDU_SM_DDH11-18	1.35	1	0.05	0.26	26	0.43	890	0.3	0.007	4.8	0.046	23.6	0.54	0.5	0.8	0.25	112	20.6	0.001	0.1	0.1	1	0.5	38
RDU_SM_DDH11-18	1.45	2	0.03	0.28	25	0.52	725	0.4	0.037	5.9	0.034	16.1	0.37	0.4	1.7	0.25	100	15.3	0.001	0.2	0.1	3	0.6	46
RDU_SM_DDH11-18	0.44	1	0.02	0.27	32	0.12	331	0.5	0.039	0.3	0.016	5	0.12	0.1	0.6	0.25	43	17.3	0.002	0.05	0.1	1	0.5	15
RDU_SM_DDH11-18	0.73	2	0.04	0.27	30	0.12	142	0.4	0.046	0.4	0.026	11.7	0.33	0.2	0.8	0.25	29	16.7	0.002	0.2	0.1	1	0.5	13
RDU_SM_DDH11-18	0.8	1	0.03	0.24	23	0.14	182	0.1	0.05	0.4	0.029	21	0.37	0.4	0.8	0.25	34	14.4	0.001	0.1	0.1	1	0.6	26
RDU_SM_DDH11-18	0.57	0.5	0.03	0.13	23	0.08	366	0.2	0.04	0.5	0.021	11	0.27	0.5	0.6	0.5	46	15.2	0.0005	0.05	0.1	1	0.4	12
RDU_SM_DDH11-18	1.3	1	0.02	0.19	24	0.08	153	0.1	0.004	0.4	0.014	35.6	1.06	1.2	0.6	0.25	32	15.6	0.0005	0.05	0.1	1	0.4	42
RDU_SM_DDH11-18	1.29	1	0.02	0.3	25	0.06	492	0.2	0.023	0.3	0.018	14.3	1.12	0.5	0.8	0.6	62	16.5	0.001	0.05	0.1	1	0.3	11
RDU_SM_DDH11-18	0.87	2	0.03	0.3	31	0.19	719	0.1	0.035	0.3	0.037	8.6	0.31	0.6	1	0.25	64	15.8	0.002	0.1	0.1	1	0.6	186
RDU_SM_DDH11-18	1.34	2		0.3	20	0.2	838	0.3	0.021	0.4	0.04	42.4	0.78	0.6	1.4	0.25	104	12.9	0.0005	0.2	0.1	1	100	317
RDU_SM_DDH11-18	0.75	2	0.03	0.29	31	0.1	616	0.2	0.025	0.4	0.026	5.7	0.37	0.4	0.9	0.5	83	14.2	0.001	0.05	0.1	1	0.7	12
RDU_SM_DDH11-18	1.42	1	0.03	0.22	19	0.2	709	0.3	0.015	0.2	0.032	13.1	1.05	1.4	0.8	1	81	12.7	0.001	0.1	0.1	1	0.8	21
RDU_SM_DDH11-18	0.73	1	0.03	0.24	21	0.15	631	0.05	0.025	0.2	0.023	5.3	0.43	0.7	0.6	0.25	75	13.9	0.001	0.1	0.1	1	0.3	8
RDU_SM_DDH11-18	1.4	2	0.04	0.27	41	0.1	356	0.2	0.01	0.4	0.035	6	0.06	0.4	1.1	0.25	41	16	0.001	0.05	0.1	1	0.2	32
RDU_SM_DDH11-18	1.28	2	0.04	0.28	42	0.1	320	0.2	0.01	0.3	0.032	5.2	0.08	0.4	1	0.25	34	16.6	0.001	0.05	0.1	1	0.3	27
RDU_SM_DDH11-18	2.02	2	0.05	0.25	25	0.22	1232	0.3	0.008	0.3	0.075	7.4	0.39	0.4	2	0.8	59	11.1	0.002	0.05	0.1	1	0.5	40
RDU_SM_DDH11-18	2.15	2	0.06	0.29	40	0.32	2684	0.6	0.009	0.4	0.057	13.4	0.62	0.4	2	0.6	42	14.2	0.001	0.1	0.1	1	0.3	64
RDU_SM_DDH11-18	2.69	2	0.06	0.33	26	0.32	4053	0.6	0.007	0.4	0.072	24.9	1.06	0.7	1.8	1.2	31	12.6	0.002	0.2	0.1	1	0.4	154
RDU_SM_DDH11-18	1.21	2	0.04	0.27	30	0.05	69	0.1	0.008	0.1	0.028	17	0.13	0.5	0.8	0.25	44	16.7	0.001	0.2	0.1	1	0.3	26
RDU_SM_DDH11-18	1.82	2	0.03	0.29	21	0.23	986	0.2	0.021	0.3	0.05	10.7	0.98	0.7	1.4	0.25	61	13.5	0.001	0.05	0.1	1	0.3	56
RDU_SM_DDH11-18	1.33	1	0.005	0.29	21	0.16	701	0.4	0.024	0.3	0.033	5.9	0.81	0.8	0.9	0.5	65	13.8	0.002	0.1	0.1	1	0.3	19
RDU_SM_DDH11-18	1.16	1	0.01	0.27	23	0.17	644	1	0.021	0.3	0.03	4.8	0.73	0.7	0.7	0.7	60	14.1	0.002	0.1	0.1	1	0.3	11
RDU_SM_DDH11-18	1.3	1	0.005	0.29	21	0.18	749	0.5	0.026	0.3	0.029	5.5	0.94	1	0.8	0.6	77	14	0.002	0.05	0.1	1	0.3	17
RDU_SM_DDH11-18	0.93	1	0.005	0.24	25	0.17	675	0.1	0.024	0.3	0.028	12.7	0.53	0.8	0.8	0.5	75	13.1	0.001	0.05	0.1	1	0.2	45
RDU_SM_DDH11-18	1.01	1	0.03	0.3	30	0.15	614	0.6	0.034	0.3	0.035	178.4	0.69	0.6	1.2	0.7	66	13.2	0.002	0.05	0.1	1	0.3	556
RDU_SM_DDH11-18	1.28	2	0.01	0.32	27	0.19	809	4.2	0.038	0.4	0.043	7.9	0.59	1.2	1.4	0.25	73	13.5	0.002	0.2	0.1	1	0.4	20

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-18	RDU_SM_611757	ASSAY	WHI11001593	74	75		5.31	0.3	0.49	1507.3	61		10	153	0.3	2.63	0.3	5.4	1	18.5
RDU_SM_DDH11-18	RDU_SM_611758	ASSAY	WHI11001593	75	76		5.58	0.2	0.54	980.6	65		10	196	0.1	2.72	0.1	2.6	0.5	11.2
RDU_SM_DDH11-18	RDU_SM_611760	ASSAY	WHI11001593	76	77		5.87	0.2	0.42	713.7	49		10	169	0.2	1.98	0.1	2.4	5	9.9
RDU_SM_DDH11-18	RDU_SM_611761	ASSAY	WHI11001593	77	78		5.18	0.5	0.46	3160.2	110		10	118	0.3	1.78	0.4	2.7	2	11.7
RDU_SM_DDH11-18	RDU_SM_611762	ASSAY	WHI11001593	78	79		4.64	0.2	0.56	627	35		10	171	0.2	2.68	0.2	6.2	3	8.5
RDU_SM_DDH11-18	RDU_SM_611763	ASSAY	WHI11001593	79	80		5.26	0.1	0.43	262.3	19		10	139	0.1	2.54	0.05	3.5	1	7.2
RDU_SM_DDH11-18	RDU_SM_611764	ASSAY	WHI11001593	80	81		5.24	0.2	0.39	542.8	36		10	125	0.1	2.76	0.2	2.9	4	11.3
RDU_SM_DDH11-18	RDU_SM_611765	ASSAY	WHI11001593	81	82		4.6	1.2	0.48	2919.4	623		10	150	0.9	1.85	1.3	4.5	1	24.2
RDU_SM_DDH11-18	RDU_SM_611766	ASSAY	WHI11001593	82	83		5.12	0.2	0.4	229.1	13		10	154	0.05	2.08	0.1	3	3	19.9
RDU_SM_DDH11-18	RDU_SM_611767	ASSAY	WHI11001593	83	84		4.28	0.5	0.52	336.1	20		10	93	0.6	1.84	0.3	2.5	0.5	26.8
RDU_SM_DDH11-18	RDU_SM_611768	ASSAY	WHI11001593	84	85		3.79	0.2	0.45	289.1	16		10	62	0.1	0.06	0.1	1	4	17.4
RDU_SM_DDH11-18	RDU_SM_611770	ASSAY	WHI11001593	85	86		4.51	0.3	0.46	73.5	4		10	68	0.2	0.04	0.05	1.5	4	17.3
RDU_SM_DDH11-18	RDU_SM_611771	ASSAY	WHI11001593	86	86.87		3.47	0.2	0.49	14.4	1		10	69	0.1	1.5	0.4	2.3	3	15.5
RDU_SM_DDH11-18	RDU_SM_611772	ASSAY	WHI11001593	86.87	88		5.84	0.8	0.42	607.1	52		10	137	0.6	1.72	5.7	3.7	4	52.7
RDU_SM_DDH11-18	RDU_SM_611773	ASSAY	WHI11001593	88	89.1		5	2.8	0.41	2199.4	210		10	122	1.5	3.1	5.9	5.1	2	71
RDU_SM_DDH11-18	RDU_SM_611774	ASSAY	WHI11001593	89.1	90		4.8	1.9	0.43	580.5	152		10	164	1.2	2.07	6.2	4	4	62
RDU_SM_DDH11-18	RDU_SM_611775	ASSAY	WHI11001593	90	90.9		4.44	0.4	0.45	366.4	307		10	176	0.3	2.2	0.4	3.7	0.5	11
RDU_SM_DDH11-18	RDU_SM_611776	ASSAY	WHI11001695	90.9	91.38		2.87	1.6	0.26	10000	435		10	74	2.2	4.74	3.2	2.5	0.5	19.5
RDU_SM_DDH11-18	RDU_SM_611777	ASSAY	WHI11001695	91.38	92		3.63	0.4	0.41	1098.6	358		10	116	0.4	1.63	0.4	2	0.5	11.4
RDU_SM_DDH11-18	RDU_SM_611778	ASSAY	WHI11001695	92	93		4.78	0.1	0.33	455.3	73		10	92	0.1	2.05	0.05	1.4	0.5	10.2
RDU_SM_DDH11-18	RDU_SM_611779	ASSAY	WHI11001695	93	94		3.26	0.7	0.39	370.3	133		10	161	0.4	2.54	0.4	2.2	0.5	65.6
RDU_SM_DDH11-18	RDU_SM_611780	FieldDup	WHI11001695	93	94	DUP of RDU_SM_611780	2.96	1.2	0.38	149.6	18		10	156	0.4	2.44	0.7	2.6	0.5	101.9
RDU_SM_DDH11-18	RDU_SM_611781	ASSAY	WHI11001695	94	95.07		5.14	1.3	0.36	1338.1	637		10	133	0.5	1.58	0.4	2	0.5	96.7
RDU_SM_DDH11-18	RDU_SM_611782	ASSAY	WHI11001695	95.07	96		4.3	0.2	0.47	355.4	36		10	85	0.1	0.11	0.2	0.9	0.5	21.4
RDU_SM_DDH11-18	RDU_SM_611783	ASSAY	WHI11001695	96	97		5.96	0.7	0.49	232	17		10	90	0.5	0.24	0.8	0.8	0.5	80.3
RDU_SM_DDH11-18	RDU_SM_611784	ASSAY	WHI11001695	97	98		3.53	0.3	0.31	502.2	139		10	94	0.8	0.18	0.6	1.2	0.5	22.7
RDU_SM_DDH11-18	RDU_SM_611785	ASSAY	WHI11001695	98	99		5.48	0.1	0.49	314.1	31		10	93	0.7	0.07	0.05	0.5	0.5	29
RDU_SM_DDH11-18	RDU_SM_611786	ASSAY	WHI11001695	99	100		4.39	0.2	0.41	315.8	28		10	55	0.2	0.08	0.05	1.3	0.5	44.1
RDU_SM_DDH11-18	RDU_SM_611787	ASSAY	WHI11001695	100	101		4.46	0.4	0.41	1041.7	318		10	72	0.6	0.11	0.05	1.5	0.5	21.3
RDU_SM_DDH11-18	RDU_SM_611788	ASSAY	WHI11001695	101	102		5.27	0.4	0.34	1042.5	332		10	93	0.5	2.11	0.05	1.6	0.5	10.9
RDU_SM_DDH11-18	RDU_SM_611789	ASSAY	WHI11001695	102	103		5.16	0.05	0.35	198.7	23		10	67	0.1	1.04	0.05	1.4	0.5	8.9
RDU_SM_DDH11-18	RDU_SM_611790	ASSAY	WHI11001695	103	103.96		4.74	0.2	0.45	936.4	84		10	72	0.3	0.35	0.05	0.7	0.5	14.5
RDU_SM_DDH11-18	RDU_SM_611791	ASSAY	WHI11001695	103.96	105		5.37	0.1	0.34	145.4	18		10	87	0.2	1.55	0.05	1.4	0.5	8.4
RDU_SM_DDH11-18	RDU_SM_611792	ASSAY	WHI11001695	105	106		5.4	0.05	0.34	17.2	1		10	79	0.05	1.46	0.05	0.6	0.5	3.7
RDU_SM_DDH11-18	RDU_SM_611793	ASSAY	WHI11001695	106	107		5.48	0.2	0.33	907	107		10	88	0.2	1.64	0.05	1.4	0.5	9.1
RDU_SM_DDH11-18	RDU_SM_611795	ASSAY	WHI11001695	107	108		5.58	0.3	0.35	1132.1	263		10	77	0.2	1.81	0.05	1.1	0.5	7.2
RDU_SM_DDH11-18	RDU_SM_611796	ASSAY	WHI11001695	108	109		5.55	0.5	0.38	3814.8	854		10	82	0.2	0.66	0.05	0.8	0.5	5
RDU_SM_DDH11-18	RDU_SM_611797	ASSAY	WHI11001695	109	110		5.72	0.6	0.38	5362.7	291		10	79	0.3	0.92	0.1	1.1	0.5	5.6
RDU_SM_DDH11-18	RDU_SM_611798	ASSAY	WHI11001695	110	111		5.76	0.5	0.28	1168.3	234		10	49	0.6	1.26	0.2	0.8	0.5	8.4
RDU_SM_DDH11-18	RDU_SM_611799	ASSAY	WHI11001695	111	112		5.63	0.7	0.36	1582.2	850		10	77	0.4	0.91	0.2	1.4	0.5	12.6
RDU_SM_DDH11-18	RDU_SM_611800	ASSAY	WHI11001695	112	113		5.22	0.2	0.32	446.4	77		10	110	0.1	1.57	0.1	1.3	0.5	8.4
RDU_SM_DDH11-18	RDU_SM_611801	ASSAY	WHI11001695	113	114		5.61	0.2	0.37	236	33		10	133	0.05	1.63	0.05	0.6	0.5	6.4
RDU_SM_DDH11-18	RDU_SM_611802	ASSAY	WHI11001695	114	115		4.22	0.2	0.31	1608.9	118		10	104	0.05	0.89	0.05	1	0.5	6.9
RDU_SM_DDH11-18	RDU_SM_611803	ASSAY	WHI11001695	115	116		5.11	0.05	0.42	516.3	30		10	196	0.05	0.91	0.05	0.8	0.5	4.8
RDU_SM_DDH11-18	RDU_SM_611805	ASSAY	WHI11001695	116	116.87		4.05	0.1	0.39	550.3	21		10	309	0.05	0.85	0.05	1.3	0.5	7.7
RDU_SM_DDH11-18	RDU_SM_611806	ASSAY	WHI11001695	116.87	117.7		5.08	0.3	0.26	2831.5	84		10	113	0.3	0.91	1.1	1.5	0.5	8.2

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-18	2.45	2	0.04	0.32	20	0.4	1098	0.7	0.026	0.5	0.078	15.2	1.22	1.3	2.1	0.6	85	11.1	0.002	0.3	0.1	2	0.8	56
RDU_SM_DDH11-18	1.22	2	0.005	0.38	20	0.2	840	0.2	0.027	0.2	0.042	14.8	0.75	1.2	1.3	0.7	93	12	0.003	0.1	0.1	1	0.6	16
RDU_SM_DDH11-18	1.04	1	0.01	0.31	22	0.17	634	0.4	0.024	1.7	0.035	9.6	0.57	0.7	0.8	0.25	65	13.4	0.002	0.05	0.1	1	0.6	20
RDU_SM_DDH11-18	1.5	2	0.005	0.25	13	0.25	600	6.7	0.024	1	0.04	41.2	0.9	1	0.9	0.8	64	11.6	0.002	0.1	0.1	1	0.8	45
RDU_SM_DDH11-18	2.85	2	0.03	0.32	19	0.63	1293	3	0.021	1.2	0.099	9.5	1.19	0.9	2.1	0.6	122	10.2	0.002	0.4	0.1	4	1.4	55
RDU_SM_DDH11-18	1.51	2	0.005	0.3	21	0.29	804	4.4	0.027	1	0.046	6.6	0.68	0.6	1.1	0.6	89	11.4	0.002	0.1	0.1	1	0.6	33
RDU_SM_DDH11-18	1.32	1	0.005	0.27	20	0.2	832	1.4	0.029	1.5	0.034	6.8	0.71	0.8	1.1	0.25	77	11	0.002	0.05	0.1	1	0.6	26
RDU_SM_DDH11-18	2.1	2	0.005	0.29	17	0.25	669	1.4	0.031	1	0.05	79	1.19	1.2	1.2	1.2	58	12.4	0.002	0.05	0.1	1	1.5	132
RDU_SM_DDH11-18	1.38	1	0.02	0.26	32	0.17	746	1.4	0.031	1.3	0.036	12.5	0.59	0.4	0.9	0.5	59	12.9	0.002	0.3	0.1	3	0.6	25
RDU_SM_DDH11-18	1.14	2	0.005	0.24	28	0.16	774	1	0.022	1.2	0.024	38.8	0.44	0.3	0.6	0.8	52	15.1	0.0005	0.1	0.1	1	0.2	33
RDU_SM_DDH11-18	1	1	0.02	0.18	40	0.06	57	0.5	0.007	1.6	0.023	12.7	0.025	0.3	0.7	0.25	39	16.2	0.0005	0.05	0.1	1	0.3	16
RDU_SM_DDH11-18	1.26	1	0.01	0.19	33	0.04	99	0.5	0.006	1.6	0.033	21.3	0.05	0.3	0.7	0.25	21	15.7	0.0005	0.05	0.1	1	0.4	30
RDU_SM_DDH11-18	0.87	1	0.03	0.21	24	0.14	1027	0.3	0.015	1.6	0.018	11.8	0.35	0.1	0.6	0.25	44	14	0.0005	0.05	0.1	1	0.2	31
RDU_SM_DDH11-18	1.76	2	0.01	0.27	20	0.22	734	127.5	0.029	1.8	0.044	68.5	1.08	0.7	1.1	0.25	55	11.8	0.001	0.1	0.1	1	100	638
RDU_SM_DDH11-18	3.05	1	0.01	0.19	9	0.75	1730	0.3	0.029	1.3	0.028	136.4	2.15	2.3	3.7	0.8	120	10.5	0.0005	0.05	0.1	1	1.2	580
RDU_SM_DDH11-18	2.21	2	0.02	0.29	11	0.55	963	1.7	0.017	1.6	0.048	129.2	1.37	1.1	1.1	0.7	87	10.7	0.002	0.1	0.1	1	100	599
RDU_SM_DDH11-18	1.89	1	0.06	0.3	14	0.53	1051	1.2	0.027	0.6	0.054	22.6	1	0.9	1.7	0.25	79	11.1	0.002	0.2	0.1	1	1.3	70
RDU_SM_DDH11-18	3.34	0.5	0.02	0.11	10	1.03	2530	0.3	0.029	0.4	0.022	99.7	1.65	4.2	5.3	3.9	146	9.8	0.0005	0.05	0.3	1	2.6	313
RDU_SM_DDH11-18	1.46	1	0.005	0.27	11	0.39	741	0.3	0.033	0.9	0.05	27.2	0.95	1.3	1.5	0.25	66	12.1	0.002	0.05	0.1	1	0.6	60
RDU_SM_DDH11-18	0.72	1	0.01	0.22	18	0.14	573	3.3	0.028	0.3	0.022	4.6	0.44	0.4	0.6	0.25	52	14.9	0.001	0.05	0.1	1	0.3	9
RDU_SM_DDH11-18	1.31	1	0.02	0.25	18	0.25	819	0.3	0.022	0.2	0.025	18.5	0.9	0.7	0.7	0.7	69	12.1	0.002	0.05	0.1	1	0.7	60
RDU_SM_DDH11-18	1.38	0.5	0.02	0.25	18	0.24	772	0.4	0.019	0.5	0.027	20.2	0.95	0.8	0.8	0.25	61	12.8	0.001	0.05	0.1	1	1	103
RDU_SM_DDH11-18	1.13	1	0.01	0.24	19	0.14	593	0.2	0.031	0.4	0.02	21.8	0.92	1.3	0.6	1.1	47	13.6	0.001	0.05	0.1	1	0.4	50
RDU_SM_DDH11-18	0.73	1	0.04	0.21	30	0.07	214	0.05	0.008	0.7	0.021	6.3	0.45	0.5	0.6	0.25	8	15.6	0.0005	0.05	0.1	1	0.3	28
RDU_SM_DDH11-18	1.07	1	0.04	0.24	36	0.07	148	0.3	0.012	0.2	0.031	17.8	0.18	0.4	0.7	0.7	34	17.8	0.0005	0.05	0.1	1	0.4	115
RDU_SM_DDH11-18	1.04	1	0.02	0.17	19	0.02	314	0.2	0.008	0.6	0.012	12.6	0.21	0.4	0.3	0.8	24	11.2	0.0005	0.05	0.1	1	0.3	46
RDU_SM_DDH11-18	1.08	1	0.05	0.2	23	0.05	62	0.5	0.009	0.2	0.015	9	0.18	0.2	0.7	0.6	52	18.7	0.0005	0.05	0.1	1	0.4	4
RDU_SM_DDH11-18	0.76	0.5	0.01	0.17	25	0.05	121	0.05	0.029	0.3	0.011	3.4	0.1	0.2	0.5	0.25	19	15.8	0.0005	0.05	0.1	1	0.2	7
RDU_SM_DDH11-18	1.45	0.5	0.02	0.18	27	0.05	111	1	0.013	0.6	0.015	8.1	0.27	0.6	0.5	1.6	34	14	0.0005	0.1	0.1	1	0.6	7
RDU_SM_DDH11-18	1.35	1	0.01	0.22	25	0.15	744	0.4	0.028	0.3	0.015	7.9	0.65	0.6	0.6	0.6	67	14.5	0.0005	0.1	0.1	1	0.5	8
RDU_SM_DDH11-18	0.62	1	0.02	0.16	31	0.12	576	0.3	0.033	0.9	0.016	4.5	0.23	0.2	0.6	0.25	37	14	0.0005	0.05	0.1	1	0.3	13
RDU_SM_DDH11-18	1.18	1	0.07	0.19	27	0.04	68	3.8	0.011	0.4	0.017	6.9	0.42	0.4	0.5	1	39	16.6	0.0005	0.2	0.1	1	0.6	4
RDU_SM_DDH11-18	0.91	1	0.005	0.23	29	0.11	610	1	0.038	2.4	0.014	5.8	0.47	0.2	0.6	0.25	42	14.9	0.001	0.1	0.1	1	0.4	6
RDU_SM_DDH11-18	0.45	1	0.01	0.19	37	0.07	442	0.8	0.062	0.4	0.014	3	0.17	0.1	0.7	0.25	36	17.7	0.001	0.1	0.1	1	0.3	6
RDU_SM_DDH11-18	0.86	1	0.01	0.22	24	0.08	490	0.8	0.038	0.4	0.014	9.1	0.66	0.6	0.4	0.7	45	15.1	0.0005	0.1	0.1	1	0.4	6
RDU_SM_DDH11-18	0.8	1	0.005	0.23	25	0.06	529	0.9	0.055	0.5	0.021	10.7	0.53	0.4	0.5	0.7	43	14.9	0.001	0.1	0.1	1	0.5	5
RDU_SM_DDH11-18	0.89	1	0.01	0.24	22	0.12	221	0.5	0.05	0.6	0.025	13.2	0.6	0.5	0.6	0.25	34	13.7	0.001	0.05	0.1	1	0.4	9
RDU_SM_DDH11-18	1.18	1	0.005	0.22	17	0.16	314	0.9	0.055	0.7	0.035	21.5	0.82	0.9	0.6	1	46	12.9	0.001	0.05	0.1	1	6.8	12
RDU_SM_DDH11-18	0.96	1	0.005	0.14	18	0.18	480	0.9	0.048	0.6	0.019	51.7	0.6	0.7	1.2	0.25	50	16.5	0.0005	0.05	0.1	1	0.8	29
RDU_SM_DDH11-18	1.19	1	0.02	0.2	26	0.18	345	0.4	0.055	0.7	0.022	50.6	0.63	1.1	0.9	0.25	50	19.4	0.002	0.05	0.1	1	1.2	24
RDU_SM_DDH11-18	0.76	1	0.01	0.23	22	0.07	498	0.2	0.03	0.5	0.02	10.4	0.53	0.6	0.6	0.25	37	14.4	0.001	0.05	0.1	1	0.7	10
RDU_SM_DDH11-18	0.62	1	0.005	0.25	22	0.05	489	0.2	0.042	0.4	0.013	3.5	0.46	0.6	0.5	0.25	39	14.9	0.001	0.05	0.1	1	0.3	5
RDU_SM_DDH11-18	0.94	0.5	0.005	0.22	14	0.07	263	0.4	0.039	0.4	0.028	4.7	0.85	0.7	0.4	1.2	29	14.4	0.001	0.05	0.1	1	100	5
RDU_SM_DDH11-18	0.6	1	0.005	0.33	21	0.08	274	1.3	0.032	0.5	0.016	4.2	0.41	0.2	0.4	0.25	31	14.5	0.001	0.05	0.1	1	0.3	5
RDU_SM_DDH11-18	0.94	1	0.005	0.26	17	0.17	308	0.1	0.028	0.5	0.013	5.1	0.74	0.3	0.4	0.25	36	14.7	0.0005	0.1	0.1	1	0.5	13
RDU_SM_DDH11-18	1.07	0.5	0.005	0.16	12	0.27	467	0.8	0.031	0.6	0.016	25	0.71	0.9	0.7	0.25	43	15.3	0.0005	0.05	0.1	1	22	97

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-18	RDU_SM_611807	ASSAY	WHI11001695	117.7	118.4		4.9	0.3	0.27	2530.4	158		10	108	0.05	0.56	0.2	1.6	0.5	7.2
RDU_SM_DDH11-18	RDU_SM_611808	ASSAY	WHI11001695	118.4	118.75		1.36	0.8	0.25	3478.4	173		10	96	0.2	0.49	0.3	1.8	1	9.4
RDU_SM_DDH11-18	RDU_SM_611809	ASSAY	WHI11001695	118.75	119.56		4.4	0.3	0.3	2629.5	432		10	163	0.2	0.96	0.1	1.4	1	7.4
RDU_SM_DDH11-18	RDU_SM_611810	ASSAY	WHI11001695	119.56	120.3		3.82	0.05	0.33	1026.6	44		10	157	0.05	0.87	0.05	0.5	0.5	5.4
RDU_SM_DDH11-18	RDU_SM_611811	ASSAY	WHI11001695	120.3	120.8		2.61	0.2	0.26	2347	212		10	129	0.2	0.7	0.05	1.2	0.5	7.1
RDU_SM_DDH11-18	RDU_SM_611812	ASSAY	WHI11001695	120.8	121.5		3.27	0.5	0.3	1248	403		10	215	0.05	1.03	0.05	0.9	0.5	6
RDU_SM_DDH11-18	RDU_SM_611813	ASSAY	WHI11001695	121.5	122		2.57	0.3	0.24	3274.1	182		10	77	0.3	0.56	1.5	1.7	0.5	6.7
RDU_SM_DDH11-18	RDU_SM_611814	ASSAY	WHI11001695	122	123		2.91	0.2	0.27	1736.3	327		10	154	0.1	0.64	0.2	0.8	0.5	7.1
RDU_SM_DDH11-18	RDU_SM_611815	FieldDup	WHI11001695	122	123	DUP of RDU_SM_611814	2.46	0.1	0.28	2135.2	138		10	153	0.05	0.55	0.2	1	0.5	6.8
RDU_SM_DDH11-18	RDU_SM_611816	ASSAY	WHI11001695	123	123.93		5.12	0.2	0.25	1725.3	364		10	114	0.1	0.65	0.2	1.2	0.5	5.8
RDU_SM_DDH11-18	RDU_SM_611817	ASSAY	WHI11001695	123.93	125		5.13	0.1	0.3	2100.7	89		10	238	0.1	0.89	0.2	1.3	0.5	8.6
RDU_SM_DDH11-18	RDU_SM_611818	ASSAY	WHI11001695	125	126		5.19	0.2	0.36	13.9	5		10	179	0.2	1.08	0.05	2.1	0.5	2.8
RDU_SM_DDH11-18	RDU_SM_611819	ASSAY	WHI11001695	126	127		4.65	0.3	0.41	458.9	27		10	194	0.4	0.66	0.2	1.3	0.5	4.2
RDU_SM_DDH11-18	RDU_SM_611820	ASSAY	WHI11001695	127	127.79		3.88	0.3	0.34	466.3	6		10	180	0.2	0.94	0.3	1.4	0.5	7.8
RDU_SM_DDH11-18	RDU_SM_611821	ASSAY	WHI11001695	127.79	128.5		3.92	0.9	0.58	471.6	115		10	291	0.7	0.82	0.8	2.3	1	5.1
RDU_SM_DDH11-18	RDU_SM_611822	ASSAY	WHI11001695	128.5	129.54		5.38	0.2	0.46	846.6	18		10	277	0.2	1.22	0.05	1.8	0.5	5.9
RDU_SM_DDH11-18	RDU_SM_611823	ASSAY	WHI11001695	129.54	130.35		4.5	0.1	0.61	12.3	1		10	263	0.2	2.65	0.05	1.4	0.5	8.5
RDU_SM_DDH11-18	RDU_SM_611824	ASSAY	WHI11001695	130.35	131.35		5.26	0.2	0.46	252.4	14		10	212	0.2	1.11	0.05	1.7	0.5	7.6
RDU_SM_DDH11-18	RDU_SM_611825	ASSAY	WHI11001695	131.35	132		3.19	0.2	0.34	2397	82		10	110	0.2	1.62	0.05	0.7	0.5	11.8
RDU_SM_DDH11-18	RDU_SM_611826	ASSAY	WHI11001695	132	133.05		4.94	0.6	0.44	3275.8	163		10	201	0.7	1.41	0.2	2.8	0.5	13.7
RDU_SM_DDH11-18	RDU_SM_611827	ASSAY	WHI11001695	133.05	134		4.73	2.2	0.39	2643.8	735		10	174	0.7	1.99	0.5	6.7	1	50.9
RDU_SM_DDH11-18	RDU_SM_611828	ASSAY	WHI11001695	134	135		5.08	0.8	0.61	6624	222		10	186	0.8	2.02	4.3	3.3	0.5	24.9
RDU_SM_DDH11-18	RDU_SM_611830	ASSAY	WHI11001695	135	135.78		4.65	0.5	0.53	965.1	53		10	178	0.6	1.77	0.4	2.7	0.5	22.7
RDU_SM_DDH11-18	RDU_SM_611831	ASSAY	WHI11001695	135.78	136.7		4.91	0.6	0.62	58	10		10	298	0.7	0.37	0.05	4.6	1	18.3
RDU_SM_DDH11-18	RDU_SM_611832	ASSAY	WHI11001695	136.7	137.7		5.14	0.3	0.44	171.3	19		10	205	0.2	0.07	0.1	3	1	13.1
RDU_SM_DDH11-18	RDU_SM_611833	ASSAY	WHI11001695	137.7	138.68		5.66	0.3	0.58	455.3	24		10	127	0.2	0.11	0.1	2.5	0.5	18.7
RDU_SM_DDH11-18	RDU_SM_611834	ASSAY	WHI11001695	138.68	139.4		3.15	1.7	0.62	4380.7	495		10	116	2.2	0.26	0.9	3	1	49.6
RDU_SM_DDH11-18	RDU_SM_611835	ASSAY	WHI11001695	139.4	140		2.57	0.4	0.54	147.2	14		10	113	0.4	0.46	0.05	1.1	1	13
RDU_SM_DDH11-18	RDU_SM_611836	ASSAY	WHI11001695	140	141		5.52	0.4	0.39	479.3	32		10	86	0.5	1.16	0.05	0.9	1	9.3
RDU_SM_DDH11-18	RDU_SM_611837	ASSAY	WHI11001695	141	141.93		4.46	1.5	0.49	1140.6	420		10	145	2	2.18	0.05	1.5	0.5	11.6
RDU_SM_DDH11-18	RDU_SM_611838	ASSAY	WHI11001695	141.93	142.7		3.94	1.6	0.48	3098.7	2998		10	110	1	1.58	0.5	2.7	0.5	18.7
RDU_SM_DDH11-18	RDU_SM_611840	ASSAY	WHI11001695	142.7	143.8		5.58	0.9	0.4	6388.5	469		10	86	0.6	1.16	0.1	1.2	0.5	6.7
RDU_SM_DDH11-18	RDU_SM_611841	ASSAY	WHI11001695	143.8	144.78		5.49	0.8	0.33	2738.6	1951		10	99	0.4	0.94	0.05	1.3	0.5	10
RDU_SM_DDH11-18	RDU_SM_611842	ASSAY	WHI11001695	144.78	145.26		2.58	4.5	0.57	8833.7	10000	18.1	10	145	1.1	1.43	0.3	3.4	1	22.8
RDU_SM_DDH11-18	RDU_SM_611843	ASSAY	WHI11001696	145.26	146		4.86	0.4	0.36	3051.7	391		10	123	0.3	1.64	0.2	2.4	0.5	6.5
RDU_SM_DDH11-18	RDU_SM_611844	ASSAY	WHI11001696	146	147		5.32	0.5	0.37	2891.3	432		10	165	0.5	1.24	0.05	2.6	4	9
RDU_SM_DDH11-18	RDU_SM_611845	ASSAY	WHI11001696	147	148		5.16	1	0.46	1384.2	2210		10	403	0.6	1.17	0.1	4	0.5	12.7
RDU_SM_DDH11-18	RDU_SM_611846	ASSAY	WHI11001696	148	149		5.3	0.5	0.42	684.8	727		10	226	0.4	1.28	0.05	2.9	2	16.2
RDU_SM_DDH11-18	RDU_SM_611847	ASSAY	WHI11001696	149	150		5.43	0.6	0.38	1019.6	1023		10	167	0.3	0.9	0.05	1.2	1	15.2
RDU_SM_DDH11-18	RDU_SM_611848	ASSAY	WHI11001696	150	151		5.35	1.4	0.33	2235	2417		10	267	0.3	0.9	0.2	2.2	4	14.5
RDU_SM_DDH11-18	RDU_SM_611849	ASSAY	WHI11001696	151	152		2.92	0.7	0.37	1469.9	1116		10	227	0.2	0.76	0.1	1.9	0.5	16.9
RDU_SM_DDH11-18	RDU_SM_611850	FieldDup	WHI11001696	151	152	DUP of RDU_SM_611849	2.84	0.9	0.33	1817.5	1565		10	181	0.3	0.67	0.2	2.3	3	15.2
RDU_SM_DDH11-18	RDU_SM_611851	ASSAY	WHI11001696	152	152.4		2.09	1.6	0.35	10000	358		10	127	1.6	2.11	6.1	2.8	0.5	20
RDU_SM_DDH11-18	RDU_SM_611852	ASSAY	WHI11001696	152.4	153		3.43	0.6	0.25	10000	110		10	45	0.4	1.95	0.8	2.8	4	13
RDU_SM_DDH11-18	RDU_SM_611853	ASSAY	WHI11001696	153	153.92		4.86	0.9	0.42	10000	195		10	76	1.1	3.25	0.7	2.7	0.5	17.2
RDU_SM_DDH11-18	RDU_SM_611854	ASSAY	WHI11001696	153.92	155		6.06	2.4	0.63	4922.5	7170		10	151	0.5	0.89	0.2	2.2	1	18.2

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-18	0.91	0.5	0.005	0.15	19	0.17	264	0.3	0.056	0.7	0.013	12.5	0.52	1	0.6	0.25	32	10.7	0.0005	0.05	0.1	1	0.4	20
RDU_SM_DDH11-18	1.17	1	0.005	0.14	21	0.17	322	0.2	0.052	0.9	0.017	21.8	0.65	1.1	0.8	0.25	37	13	0.0005	0.05	0.1	1	0.7	33
RDU_SM_DDH11-18	0.95	1	0.005	0.2	22	0.13	241	0.8	0.055	0.7	0.018	9	0.58	0.9	0.6	0.25	40	14.7	0.001	0.05	0.1	1	0.4	19
RDU_SM_DDH11-18	0.7	1	0.005	0.23	23	0.16	295	0.2	0.048	0.5	0.018	4.5	0.4	0.3	0.6	0.25	31	18.3	0.0005	0.05	0.1	1	0.4	11
RDU_SM_DDH11-18	0.72	0.5	0.005	0.17	19	0.06	219	0.3	0.056	0.7	0.018	9.4	0.48	0.5	0.5	0.25	24	15.9	0.0005	0.05	0.1	1	0.4	5
RDU_SM_DDH11-18	0.67	1	0.005	0.2	22	0.1	305	0.05	0.047	0.3	0.016	4.3	0.44	0.2	0.6	0.25	39	16.5	0.0005	0.05	0.1	1	0.4	5
RDU_SM_DDH11-18	0.94	0.5	0.005	0.09	18	0.18	288	0.4	0.081	0.9	0.018	44.5	0.49	0.9	0.6	0.8	36	12.8	0.0005	0.05	0.1	1	0.3	132
RDU_SM_DDH11-18	0.76	1	0.005	0.17	21	0.14	250	0.2	0.057	0.5	0.016	11.3	0.41	0.3	0.5	0.5	32	15	0.0005	0.05	0.1	1	0.4	15
RDU_SM_DDH11-18	0.75	0.5	0.005	0.17	22	0.16	256	0.05	0.066	0.7	0.018	13.6	0.33	0.2	0.5	0.25	31	14.8	0.0005	0.05	0.1	1	0.4	20
RDU_SM_DDH11-18	0.74	0.5	0.005	0.1	22	0.14	292	0.3	0.092	0.8	0.021	21.8	0.36	0.7	0.6	0.25	33	14.8	0.001	0.05	0.1	1	0.4	25
RDU_SM_DDH11-18	0.91	1	0.02	0.23	23	0.17	373	0.5	0.048	0.6	0.016	9.5	0.51	0.7	0.6	0.25	41	15.3	0.002	0.1	0.1	1	0.6	20
RDU_SM_DDH11-18	1.02	1	0.005	0.31	17	0.1	321	2.9	0.01	0.4	0.015	14.5	0.93	0.2	0.4	0.25	37	13.7	0.001	0.05	0.1	1	0.3	7
RDU_SM_DDH11-18	0.87	1	0.005	0.3	19	0.16	297	0.05	0.033	0.5	0.027	27.7	0.5	0.3	0.5	0.5	36	14.3	0.001	0.05	0.1	1	0.8	13
RDU_SM_DDH11-18	0.81	1	0.03	0.25	20	0.16	358	0.05	0.038	0.4	0.024	20.4	0.48	0.2	0.6	0.25	39	14.4	0.001	0.05	0.1	1	100	23
RDU_SM_DDH11-18	0.99	2	0.01	0.39	25	0.23	370	0.7	0.038	0.7	0.086	116.9	0.38	0.2	0.8	0.25	64	12.2	0.003	0.1	0.1	1	2.9	72
RDU_SM_DDH11-18	0.9	2	0.02	0.35	27	0.2	466	0.2	0.054	0.6	0.044	13.6	0.4	0.3	0.9	0.25	54	15.1	0.002	0.2	0.1	1	1.1	11
RDU_SM_DDH11-18	0.84	2	0.03	0.45	26	0.2	752	0.1	0.025	0.2	0.046	6.9	0.37	0.2	0.8	0.25	59	12.4	0.003	0.2	0.1	1	1.6	6
RDU_SM_DDH11-18	0.99	1	0.005	0.37	19	0.13	338	0.9	0.02	0.5	0.035	7.7	0.56	0.2	0.4	0.25	34	13.7	0.002	0.1	0.1	1	60.9	5
RDU_SM_DDH11-18	1.28	1	0.005	0.24	23	0.1	521	0.05	0.032	0.2	0.029	7.2	0.84	0.4	0.6	0.25	42	19	0.0005	0.05	0.1	1	1.1	3
RDU_SM_DDH11-18	1.76	1	0.005	0.3	22	0.41	631	0.7	0.027	1.1	0.041	37.6	0.8	0.4	1.1	0.8	70	13.8	0.001	0.1	0.1	4	100	32
RDU_SM_DDH11-18	2.33	2	0.09	0.25	11	0.48	977	0.7	0.025	2.2	0.041	78.9	1.06	0.7	2	0.8	110	10.5	0.001	0.3	0.2	7	0.8	69
RDU_SM_DDH11-18	2.31	2	0.02	0.34	16	0.58	920	1.5	0.026	0.4	0.09	53.3	1.36	0.7	1.5	1.8	98	13.6	0.002	0.1	0.3	3	0.8	458
RDU_SM_DDH11-18	1.73	1	0.02	0.27	20	0.5	916	0.4	0.02	0.3	0.054	29.6	0.79	0.2	1.1	0.25	82	12.6	0.0005	0.05	0.1	3	0.6	50
RDU_SM_DDH11-18	1.86	2	0.05	0.24	21	0.2	955	0.3	0.006	1.9	0.051	31.2	0.69	0.2	1.7	1.5	16	11.2	0.001	0.1	0.1	6	0.5	34
RDU_SM_DDH11-18	1.36	1	0.04	0.18	20	0.05	197	0.2	0.004	1.4	0.026	11.4	0.61	0.4	1.4	0.7	11	8.5	0.0005	0.1	0.1	4	0.4	29
RDU_SM_DDH11-18	1.59	2	0.05	0.22	23	0.09	420	0.3	0.005	0.7	0.032	14.1	1.01	0.4	1.1	1	10	12.6	0.001	0.05	0.1	1	0.5	16
RDU_SM_DDH11-18	3.33	2	0.05	0.23	22	0.17	794	0.3	0.005	0.8	0.082	94.6	1.98	1	1.4	2.6	22	13.8	0.002	0.05	0.4	4	1.1	87
RDU_SM_DDH11-18	0.95	1	0.05	0.24	25	0.18	596	0.2	0.006	0.7	0.019	19.2	0.55	0.5	0.7	0.5	14	14.8	0.001	0.05	0.1	1	0.4	5
RDU_SM_DDH11-18	0.87	1	0.02	0.18	19	0.22	511	0.4	0.026	0.6	0.02	21.3	0.38	0.2	0.7	1.1	38	13.9	0.0005	0.05	0.1	1	20.9	11
RDU_SM_DDH11-18	1.38	1	0.04	0.19	11	0.41	595	0.3	0.014	0.5	0.042	79	0.95	0.5	0.8	1.3	54	12.9	0.0005	0.05	0.1	1	0.6	20
RDU_SM_DDH11-18	1.84	2	0.005	0.25	13	0.46	731	0.7	0.026	0.7	0.079	48	1.22	0.6	1.4	0.7	47	13.3	0.001	0.05	0.1	2	0.8	69
RDU_SM_DDH11-18	1.54	1	0.01	0.23	10	0.26	401	0.3	0.026	0.05	0.062	35.2	1.22	0.7	0.7	1.7	54	13.9	0.0005	0.05	0.1	1	0.3	18
RDU_SM_DDH11-18	1.28	1	0.005	0.22	15	0.16	350	0.7	0.039	0.3	0.032	20.6	1.08	0.6	0.7	0.6	37	16.3	0.0005	0.05	0.1	1	0.4	7
RDU_SM_DDH11-18	3.24	2	0.005	0.44	15	0.26	528	0.3	0.014	0.4	0.077	76.4	2.83	1.8	0.8	3.1	58	14.5	0.002	0.1	0.1	3	0.5	42
RDU_SM_DDH11-18	1.21	1	0.005	0.25	13	0.41	738	2.4	0.028	0.6	0.059	18.9	0.75	1.2	1.1	0.25	70	13.6	0.001	0.2	0.1	1	0.6	23
RDU_SM_DDH11-18	1.33	1	0.005	0.28	15	0.23	460	0.5	0.023	0.6	0.049	24.3	1.05	1.1	0.6	0.7	53	15.3	0.001	0.1	0.1	1	0.5	10
RDU_SM_DDH11-18	1.4	1	0.04	0.39	17	0.27	475	0.4	0.012	0.5	0.075	35.7	0.85	1.2	0.7	0.25	50	13.4	0.002	0.3	0.1	1	68.1	15
RDU_SM_DDH11-18	1.39	1	0.02	0.35	16	0.27	484	0.8	0.01	0.6	0.043	22.5	1.01	0.9	0.6	0.25	42	13.2	0.001	0.1	0.1	1	0.7	9
RDU_SM_DDH11-18	0.93	0.5	0.005	0.27	14	0.11	159	0.8	0.012	0.5	0.021	22	0.82	0.9	0.4	0.25	35	13.2	0.0005	0.05	0.1	1	0.5	7
RDU_SM_DDH11-18	1.21	0.5	0.01	0.26	13	0.16	288	1	0.017	0.6	0.028	25.9	0.99	1.1	0.5	0.25	34	13.7	0.001	0.05	0.1	1	0.5	25
RDU_SM_DDH11-18	1.28	1	0.005	0.3	17	0.17	302	0.8	0.022	0.7	0.031	23.1	1.04	1	0.5	0.25	31	14.4	0.001	0.1	0.1	1	0.4	15
RDU_SM_DDH11-18	1.43	0.5	0.005	0.27	15	0.17	294	0.6	0.021	0.7	0.031	37.7	1.19	1.2	0.6	0.25	29	14.2	0.001	0.05	0.1	1	0.4	29
RDU_SM_DDH11-18	3.27	1	0.04	0.17	9	0.65	1212	0.6	0.026	0.7	0.049	304.6	2.23	3.6	2.8	3.8	82	11	0.0005	0.05	0.5	3	0.9	549
RDU_SM_DDH11-18	2.38	0.5	0.02	0.05	14	0.6	1012	1.3	0.051	0.8	0.055	78.7	1.27	3.4	1.7	2	82	14.2	0.0005	0.05	0.8	1	0.7	82
RDU_SM_DDH11-18	2.73	0.5	0.02	0.08	11	1.12	1218	0.6	0.007	0.8	0.059	69.1	1.45	2.7	1.9	1.7	92	12.2	0.0005	0.05	0.8	1	1.4	71
RDU_SM_DDH11-18	1.65	2	0.04	0.28	19	0.19	358	0.2	0.005	0.3	0.174	25.3	1.25	1.6	1.1	1.3	32	15.8	0.002	0.2	0.1	1	0.9	17

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-18	RDU_SM_611855	ASSAY	WHI11001696	155	156		4.79	0.5	0.45	3291.1	347		10	140	0.3	1.33	0.2	2.9	0.5	9.2
RDU_SM_DDH11-18	RDU_SM_611856	ASSAY	WHI11001696	156	157		5.05	0.9	0.42	233.7	89		10	207	1	0.44	0.05	2.4	2	12.7
RDU_SM_DDH11-18	RDU_SM_611857	ASSAY	WHI11001696	157	158		3.72	3.8	0.45	2238	4476		10	188	0.8	0.35	0.2	4	0.5	19.4
RDU_SM_DDH11-18	RDU_SM_611858	ASSAY	WHI11001696	158	159		2.92	3.5	0.35	971.3	108		10	119	0.3	0.06	0.1	2.2	3	24
RDU_SM_DDH11-18	RDU_SM_611859	ASSAY	WHI11001696	159	160.5		4.29	0.8	0.46	1999.3	327		10	171	0.7	0.14	0.6	2.7	0.5	15
RDU_SM_DDH11-18	RDU_SM_611860	ASSAY	WHI11001696	160.5	162		4.14	0.4	0.54	4547.9	268		10	203	0.2	0.13	0.4	3	2	14.4
RDU_SM_DDH11-18	RDU_SM_611861	ASSAY	WHI11001696	162	163.5		4.65	0.4	0.36	3587.6	449		10	175	0.1	1	0.2	3.7	0.5	16.1
RDU_SM_DDH11-18	RDU_SM_611862	ASSAY	WHI11001696	163.5	164.91		4.07	0.5	0.48	3224.4	643		10	190	0.2	0.93	0.1	3.9	1	12.3
RDU_SM_DDH11-18	RDU_SM_611863	ASSAY	WHI11001696	164.91	166		3.53	0.3	0.34	4141.7	459		10	248	0.1	0.96	0.05	2.8	3	5.8
RDU_SM_DDH11-18	RDU_SM_611865	ASSAY	WHI11001696	166	167.5		4.86	0.1	0.35	1974.8	249		10	225	0.05	1.15	0.05	1.6	1	6.5
RDU_SM_DDH11-18	RDU_SM_611866	ASSAY	WHI11001696	167.5	169		4.5	0.2	0.26	1401.3	203		10	129	0.1	0.64	0.1	1.5	4	7.7
RDU_SM_DDH11-18	RDU_SM_611867	ASSAY	WHI11001696	169	170.07		3.39	0.2	0.28	564.2	23		10	117	0.05	0.75	0.05	2	2	12.9
RDU_SM_DDH11-18	RDU_SM_611868	ASSAY	WHI11001696	170.07	171.5		4.4	0.1	0.34	1418.8	202		10	138	0.1	0.69	0.1	1.3	3	7.3
RDU_SM_DDH11-18	RDU_SM_611869	ASSAY	WHI11001696	171.5	173		4.12	0.5	0.46	469.7	331		10	240	0.2	0.23	0.2	1.9	0.5	8.4
RDU_SM_DDH11-18	RDU_SM_611870	ASSAY	WHI11001696	173	174.5		4.82	0.2	0.45	184.1	95		10	152	0.1	0.26	0.2	2.4	2	8.7
RDU_SM_DDH11-18	RDU_SM_611871	ASSAY	WHI11001696	174.5	175.5		3.29	0.3	0.49	565.6	186		10	169	0.2	0.91	0.5	3.5	0.5	7.7
RDU_SM_DDH11-18	RDU_SM_611872	ASSAY	WHI11001696	175.5	176.5		3.03	0.5	0.45	1950.4	70		10	130	0.2	0.99	0.6	6.3	1	15.3
RDU_SM_DDH11-18	RDU_SM_611873	ASSAY	WHI11001696	176.5	177.6		3.27	0.5	0.49	2869	239		10	194	0.2	0.93	0.5	6.3	0.5	19.3
RDU_SM_DDH11-18	RDU_SM_611875	ASSAY	WHI11001696	177.6	178.82		3.79	0.4	0.42	4700.7	445		10	161	0.3	1	0.5	4.5	2	11.4
RDU_SM_DDH11-18	RDU_SM_611876	ASSAY	WHI11001696	178.82	180		3.76	0.3	0.6	3048	554		10	203	0.1	0.94	0.05	2.7	3	11.6
RDU_SM_DDH11-18	RDU_SM_611877	ASSAY	WHI11001696	180	181.5		4.8	1.5	0.49	2521.2	363		10	152	0.2	1.49	0.2	3.6	1	26.8
RDU_SM_DDH11-18	RDU_SM_611878	ASSAY	WHI11001696	181.5	183		4.97	0.9	0.65	1566.7	241		10	235	0.2	2.43	0.1	6.1	1	36.1
RDU_SM_DDH11-18	RDU_SM_611879	ASSAY	WHI11001696	183	184.6		5.11	3.8	0.45	1239.3	164		10	135	0.1	0.28	0.05	2.4	0.5	26.4
RDU_SM_DDH11-18	RDU_SM_611880	ASSAY	WHI11001696	184.6	185		1.3	0.8	0.74	4895.9	97		10	127	0.4	1.35	0.8	1.8	2	5.3
RDU_SM_DDH11-18	RDU_SM_611881	ASSAY	WHI11001696	185	186.67		4.82	1.4	0.37	10000	141		10	32	0.5	2.67	2	2	1	9.4
RDU_SM_DDH11-18	RDU_SM_611882	ASSAY	WHI11001696	186.67	188		4.48	0.2	0.52	384	18		10	263	0.2	1.23	0.05	2.4	3	9.6
RDU_SM_DDH11-18	RDU_SM_611883	ASSAY	WHI11001696	188	189.5		4.95	0.05	0.39	164.9	4		10	241	0.2	0.71	0.05	1.2	1	3.4
RDU_SM_DDH11-18	RDU_SM_611884	ASSAY	WHI11001696	189.5	191		2.99	0.3	0.46	5479.2	186		10	218	0.2	1.01	0.05	2.9	3	12.3
RDU_SM_DDH11-18	RDU_SM_611885	FieldDup	WHI11001696	189.5	191	DUP of RDU_SM_611884	2.49	0.2	0.4	4027.9	264		10	200	0.2	0.85	0.05	1.9	0.5	12.2
RDU_SM_DDH11-18	RDU_SM_611886	ASSAY	WHI11001696	191	192.3		3.86	0.1	0.44	2780.3	148		10	195	0.05	0.7	0.05	2	4	8.8
RDU_SM_DDH11-18	RDU_SM_611887	ASSAY	WHI11001696	192.3	193.3		3.85	0.2	0.37	1527.6	451		10	255	0.05	0.5	0.05	1.8	1	6.1
RDU_SM_DDH11-18	RDU_SM_611888	ASSAY	WHI11001696	193.3	194.46		3.36	0.2	0.26	4304.8	61		10	100	0.1	0.89	0.2	2.1	6	6.5
RDU_SM_DDH11-18	RDU_SM_611889	ASSAY	WHI11001696	194.46	196.14		5.64	0.1	0.35	191.7	17		10	140	0.1	0.6	0.1	1.4	1	6.2
RDU_SM_DDH11-18	RDU_SM_611890	ASSAY	WHI11001696	196.14	197.5		4.27	0.1	0.36	30.9	3		10	188	0.1	0.49	0.05	1.5	4	2.1
RDU_SM_DDH11-18	RDU_SM_611891	ASSAY	WHI11001696	197.5	199		5	0.4	0.47	66.5	1		10	224	0.3	0.56	0.05	1.8	1	3.4
RDU_SM_DDH11-18	RDU_SM_611892	ASSAY	WHI11001696	199	200.5		4.68	1.2	0.56	2552.3	94		10	259	0.4	2.31	1.4	3.7	4	16.2
RDU_SM_DDH11-18	RDU_SM_611893	ASSAY	WHI11001696	200.5	202		4.54	0.5	0.59	1038.1	37		10	217	0.4	1.92	0.5	6.6	1	22.8
RDU_SM_DDH11-18	RDU_SM_611894	ASSAY	WHI11001696	202	203.55		4.88	0.1	0.4	148.5	22		10	172	0.05	0.48	0.05	1.4	3	8.3
RDU_SM_DDH11-18	RDU_SM_611895	ASSAY	WHI11001696	203.55	205		4.66	0.3	0.49	705.6	53		10	183	0.2	1.08	0.05	2.1	1	7.7
RDU_SM_DDH11-18	RDU_SM_611896	ASSAY	WHI11001696	205	206.5		5.06	1.5	0.46	1848.8	78		10	195	0.4	1.64	1	4.1	5	32.3
RDU_SM_DDH11-18	RDU_SM_611897	ASSAY	WHI11001696	206.5	208		4.75	0.4	0.47	1553.3	143		10	226	0.4	1.81	0.4	4.4	5	15.1
RDU_SM_DDH11-18	RDU_SM_611898	ASSAY	WHI11001696	208	209.5		5.21	0.1	0.47	258.2	36		10	241	0.3	1.77	0.05	4.4	0.5	4.9
RDU_SM_DDH11-18	RDU_SM_611900	ASSAY	WHI11001696	209.5	211		4.99	0.2	0.49	235.3	10		10	318	0.3	1.57	0.2	3.4	3	6.3
RDU_SM_DDH11-18	RDU_SM_611901	ASSAY	WHI11001696	211	212.5		5.47	0.05	0.4	129.8	26		10	304	0.2	2.17	0.05	2.2	0.5	5.1
RDU_SM_DDH11-18	RDU_SM_611902	ASSAY	WHI11001696	212.5	214.2		5.18	0.1	0.49	381.6	15		10	259	0.2	2.63	0.05	3.5	2	6.5
RDU_SM_DDH11-18	RDU_SM_611903	ASSAY	WHI11001696	214.2	215.5		4.35	0.05	0.4	374.2	61		10	229	0.2	1.9	0.05	3.3	0.5	3.8

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-18	1.32	0.5	0.005	0.2	9	0.42	793	0.4	0.004	0.8	0.044	45.5	0.45	0.7	0.9	0.25	28	11.3	0.0005	0.05	0.1	1	1.1	24
RDU_SM_DDH11-18	0.85	0.5	0.04	0.28	18	0.19	326	1.4	0.004	0.9	0.023	31.1	0.56	2	0.4	0.25	15	11.5	0.001	0.1	0.1	1	0.6	10
RDU_SM_DDH11-18	1.68	1	0.02	0.33	15	0.16	138	1	0.004	0.5	0.06	26.8	1.58	3.3	0.8	1.2	21	13.4	0.001	0.2	0.1	1	0.6	23
RDU_SM_DDH11-18	1.27	0.5	0.005	0.27	16	0.04	23	1.2	0.003	0.6	0.018	12.8	1.29	2.5	0.3	0.8	15	10.5	0.0005	0.1	0.1	1	0.7	13
RDU_SM_DDH11-18	1.39	1	0.05	0.25	15	0.05	63	1.1	0.003	1.1	0.055	59.5	0.78	2.3	1.3	1	40	11.5	0.001	0.2	0.1	1	1	48
RDU_SM_DDH11-18	1.46	1	0.04	0.3	20	0.07	328	1.4	0.003	1	0.05	20.4	0.73	1.1	1.1	0.7	16	14.3	0.002	0.1	0.1	1	1	33
RDU_SM_DDH11-18	1.79	1	0.05	0.26	16	0.28	569	1.4	0.019	1	0.043	16	1.02	0.8	0.9	0.5	36	13.5	0.002	0.2	0.2	1	0.9	22
RDU_SM_DDH11-18	1.71	2	0.05	0.33	22	0.24	525	0.6	0.019	1.5	0.051	11.8	0.78	0.6	1.2	0.25	35	14	0.002	0.3	0.1	2	0.9	21
RDU_SM_DDH11-18	1.36	1	0.005	0.26	13	0.29	422	0.7	0.021	1	0.028	7.7	0.82	1	0.6	0.8	49	15.6	0.001	0.05	0.1	1	0.6	11
RDU_SM_DDH11-18	0.88	1	0.01	0.27	22	0.17	443	0.3	0.026	0.9	0.03	5.5	0.41	0.6	0.7	0.25	41	15	0.002	0.2	0.1	1	0.8	12
RDU_SM_DDH11-18	0.92	0.5	0.01	0.2	17	0.18	338	0.8	0.03	0.7	0.02	16.2	0.42	0.7	0.6	0.25	31	15.4	0.001	0.05	0.1	1	2.1	13
RDU_SM_DDH11-18	1.17	0.5	0.03	0.19	11	0.17	420	0.4	0.011	0.7	0.014	16.7	0.95	0.7	0.4	0.25	24	12.9	0.0005	0.05	0.1	1	1.5	14
RDU_SM_DDH11-18	0.93	0.5	0.01	0.22	14	0.21	383	1.2	0.018	0.7	0.017	8.3	0.61	0.5	0.6	0.25	22	15	0.0005	0.05	0.1	1	0.8	13
RDU_SM_DDH11-18	0.8	0.5	0.03	0.21	16	0.1	179	2	0.002	0.7	0.03	10.1	0.62	0.7	0.5	0.25	12	16.5	0.0005	0.05	0.1	1	0.7	13
RDU_SM_DDH11-18	0.84	0.5	0.04	0.2	17	0.12	256	1	0.003	1.2	0.03	10.6	0.58	0.7	0.5	0.25	10	15.3	0.001	0.05	0.1	1	0.4	14
RDU_SM_DDH11-18	1.17	1	0.04	0.25	14	0.29	491	0.2	0.004	1	0.062	26.7	0.76	0.6	0.8	0.25	23	12.9	0.002	0.05	0.1	1	0.3	34
RDU_SM_DDH11-18	1.98	1	0.15	0.2	11	0.3	870	0.05	0.004	1.8	0.079	69	1.41	2.2	1	0.25	28	12.5	0.002	0.3	0.2	1	1.3	62
RDU_SM_DDH11-18	1.94	1	0.07	0.26	11	0.29	665	1.1	0.005	1.4	0.052	16.9	1.52	3.1	1.2	0.7	21	10.2	0.001	0.2	0.1	1	0.6	45
RDU_SM_DDH11-18	1.62	0.5	0.01	0.2	9	0.31	771	0.2	0.004	0.7	0.05	22.1	0.96	1.9	1.1	0.6	25	9.5	0.001	0.05	0.1	1	0.4	36
RDU_SM_DDH11-18	1.35	1	0.01	0.31	16	0.32	561	0.3	0.008	1	0.052	4.7	0.8	1	0.9	0.6	28	13.7	0.002	0.05	0.1	1	0.4	16
RDU_SM_DDH11-18	2.12	1	0.005	0.3	12	0.45	990	0.3	0.007	0.3	0.077	7.9	1.46	3.9	0.9	0.25	27	11.4	0.003	0.1	0.1	1	0.4	32
RDU_SM_DDH11-18	2.68	2	0.02	0.34	13	0.73	1350	0.2	0.008	0.2	0.131	8.7	1.92	2.9	1.8	0.9	48	10	0.002	0.2	0.1	3	0.6	44
RDU_SM_DDH11-18	1.21	1	0.005	0.28	18	0.12	215	0.2	0.006	0.8	0.034	6.1	1.05	1.8	0.7	0.25	16	13.4	0.0005	0.05	0.1	1	0.4	17
RDU_SM_DDH11-18	1.66	1	0.02	0.05	7	0.52	766	0.6	0.007	0.9	0.032	129.4	1.14	0.4	1	1.3	47	24.6	0.0005	0.05	0.3	1	0.2	98
RDU_SM_DDH11-18	2.96	0.5	0.01	0.05	11	0.87	1660	0.5	0.047	0.9	0.03	271.6	1.54	2	3	3.8	67	16.6	0.0005	0.05	0.4	1	0.7	219
RDU_SM_DDH11-18	1.19	1	0.03	0.34	20	0.34	569	0.5	0.018	0.6	0.028	15.2	0.65	0.5	1	0.25	44	14.4	0.0005	0.2	0.1	1	0.5	12
RDU_SM_DDH11-18	0.79	0.5	0.005	0.31	18	0.21	403	0.6	0.014	0.7	0.016	5.8	0.26	0.05	1.2	0.25	32	11.1	0.0005	0.05	0.1	1	0.7	15
RDU_SM_DDH11-18	1.61	1	0.005	0.27	18	0.35	560	0.3	0.031	1.1	0.029	9.7	0.95	0.7	1.1	0.9	47	14.9	0.0005	0.05	0.1	1	0.6	11
RDU_SM_DDH11-18	1.37	1	0.005	0.25	17	0.29	468	0.3	0.025	1.2	0.033	8.7	0.84	0.9	1	1	43	14	0.0005	0.05	0.1	1	0.5	9
RDU_SM_DDH11-18	1.23	1	0.005	0.26	17	0.24	387	0.2	0.021	0.7	0.025	4.6	0.83	0.5	0.7	0.25	32	14.9	0.0005	0.05	0.1	1	0.5	9
RDU_SM_DDH11-18	0.92	1	0.005	0.27	18	0.19	302	0.5	0.025	0.8	0.023	4.1	0.57	0.3	0.5	0.7	27	15.8	0.0005	0.05	0.1	1	0.3	7
RDU_SM_DDH11-18	1.47	0.5	0.005	0.15	13	0.29	456	0.4	0.051	1.1	0.018	15.8	0.93	0.7	0.9	1	53	16.8	0.0005	0.05	0.1	1	0.4	23
RDU_SM_DDH11-18	1	1	0.02	0.26	17	0.21	321	1	0.038	0.6	0.029	13.5	0.54	0.5	0.7	0.25	40	16.3	0.0005	0.05	0.1	1	0.5	15
RDU_SM_DDH11-18	0.85	1	0.005	0.27	18	0.19	302	2.1	0.022	0.7	0.022	14.7	0.53	0.05	0.6	0.25	34	13.9	0.001	0.05	0.1	1	0.4	10
RDU_SM_DDH11-18	0.73	1	0.005	0.32	19	0.19	244	1.7	0.019	0.5	0.043	50.5	0.34	0.1	0.5	0.25	43	14.5	0.002	0.05	0.1	1	0.4	12
RDU_SM_DDH11-18	1.93	1	0.005	0.25	9	0.72	714	0.3	0.009	0.5	0.109	149.8	1.02	0.5	1.7	0.7	116	9.4	0.001	0.05	0.1	2	0.8	120
RDU_SM_DDH11-18	2.84	2	0.08	0.34	18	0.72	889	0.2	0.029	0.9	0.083	36.9	1.27	0.9	2.7	0.25	69	12	0.002	0.2	0.1	5	0.9	65
RDU_SM_DDH11-18	0.85	1	0.06	0.27	22	0.19	204	4.2	0.024	0.6	0.041	7.4	0.31	0.3	0.7	0.25	41	15.5	0.001	0.2	0.1	1	0.4	10
RDU_SM_DDH11-18	0.94	2	0.005	0.31	17	0.35	415	3.3	0.022	0.5	0.063	35.4	0.3	0.1	0.9	0.25	66	14.8	0.002	0.05	0.1	1	0.3	17
RDU_SM_DDH11-18	1.92	1	0.005	0.29	15	0.48	645	0.05	0.033	1	0.078	63.6	0.95	0.4	1.6	0.25	69	11	0.002	0.05	0.1	3	0.5	89
RDU_SM_DDH11-18	2.33	2	0.005	0.29	15	0.6	745	0.3	0.036	1	0.068	22.8	0.95	0.2	1.5	0.25	61	11.6	0.002	0.05	0.1	3	0.6	42
RDU_SM_DDH11-18	1.84	1	0.005	0.32	18	0.54	803	0.05	0.022	0.3	0.088	5.3	0.37	0.05	1.2	0.25	78	9.8	0.003	0.05	0.1	2	0.4	27
RDU_SM_DDH11-18	1.41	1	0.005	0.32	15	0.39	488	1	0.013	0.3	0.049	20.9	0.76	0.4	0.8	0.25	66	10.5	0.002	0.05	0.1	1	0.4	17
RDU_SM_DDH11-18	0.83	1	0.005	0.29	17	0.22	501	0.7	0.013	0.2	0.048	6	0.33	0.1	0.8	0.25	68	9.6	0.002	0.05	0.1	1	0.3	7
RDU_SM_DDH11-18	1.71	1	0.005	0.31	22	0.37	741	0.7	0.019	0.4	0.069	7.3	0.45	0.3	1.3	0.25	89	12.3	0.002	0.05	0.1	1	0.4	21
RDU_SM_DDH11-18	1.15	1	0.005	0.26	19	0.23	569	0.1	0.012	0.5	0.054	9.5	0.62	0.4	0.7	0.25	69	11.3	0.002	0.1	0.1	1	0.4	12

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-18	RDU_SM_611904	ASSAY	WHI11001696	215.5	217		5.01	0.3	0.49	639.7	38		10	245	0.3	1.96	0.2	3.1	3	6.3
RDU_SM_DDH11-18	RDU_SM_611905	ASSAY	WHI11001696	217	218.5		4.67	0.2	0.4	1450.3	37		10	209	0.2	1.79	0.05	2.9	1	7.7
RDU_SM_DDH11-18	RDU_SM_611906	ASSAY	WHI11001696	218.5	220		4.65	0.2	0.45	17.2	5		10	294	0.1	2.1	0.05	3.9	4	16.5
RDU_SM_DDH11-18	RDU_SM_611907	ASSAY	WHI11001696	220	221.5		5.14	0.2	0.46	112.6	63		10	486	0.1	2.09	0.1	4.5	0.5	20.3
RDU_SM_DDH11-18	RDU_SM_611908	ASSAY	WHI11001696	221.5	223		4.86	0.2	0.41	1082.7	53		10	253	0.1	1.86	0.05	2.6	4	11.8
RDU_SM_DDH11-18	RDU_SM_611910	ASSAY	WHI11001696	223	224.5		5.12	0.2	0.38	2286	134		10	207	0.1	2.04	0.2	2.8	4	8.2
RDU_SM_DDH11-18	RDU_SM_611911	ASSAY	WHI11001696	224.5	226		4.94	0.2	0.38	86.9	24		10	215	0.2	2.15	0.05	2.2	1	7.5
RDU_SM_DDH11-18	RDU_SM_611912	ASSAY	WHI11001696	226	227.5		4.87	0.2	0.45	202.4	83		10	205	0.1	1.9	0.05	3.4	3	10.6
RDU_SM_DDH11-18	RDU_SM_611913	ASSAY	WHI11001696	227.5	229		4.66	0.5	0.62	33.1	508		10	256	0.3	2.51	0.1	6.1	0.5	14.4
RDU_SM_DDH11-18	RDU_SM_611914	ASSAY	WHI11001696	229	230.5		4.76	0.1	0.67	10	17		10	260	0.2	2.27	0.05	5.8	3	12.2
RDU_SM_DDH11-18	RDU_SM_611915	ASSAY	WHI11001696	230.5	232		4.76	0.1	0.87	9.1	1		10	293	0.2	2.94	0.05	6.9	0.5	15.7
RDU_SM_DDH11-18	RDU_SM_611916	ASSAY	WHI11001696	232	233.5		4.84	0.8	0.47	6	159		10	370	0.4	2.2	0.05	5.3	3	15.6
RDU_SM_DDH11-18	RDU_SM_611917	ASSAY	WHI11001696	233.5	235		4.6	0.2	0.44	1188.1	84		10	223	0.1	2.18	0.2	4.9	0.5	11.5
RDU_SM_DDH11-18	RDU_SM_611918	ASSAY	WHI11001696	235	236.5		4.7	0.2	0.61	31.8	181		10	201	0.2	2.62	0.3	7	2	11.1
RDU_SM_DDH11-18	RDU_SM_611919	ASSAY	WHI11001696	236.5	238		2.74	0.3	0.4	1880.2	490		10	241	0.1	1.61	0.05	3.1	0.5	11.5
RDU_SM_DDH11-18	RDU_SM_611920	FieldDup	WHI11001696	236.5	238	DUP of RDU_SM_611919	2.65	0.3	0.39	3486.4	747		10	231	0.1	2.01	0.05	3.2	2	10.8
RDU_SM_DDH11-18	RDU_SM_611921	ASSAY	WHI11001696	238	239.5		4.52	0.1	0.6	486.4	128		10	254	0.2	2.25	0.05	5.9	0.5	11.3
RDU_SM_DDH11-18	RDU_SM_611922	ASSAY	WHI11001696	239.5	241		4.16	0.3	0.65	187.5	37		10	160	0.2	2.49	0.2	6.3	2	15.5
RDU_SM_DDH11-18	RDU_SM_611923	ASSAY	WHI11001696	241	242		3.4	0.2	0.46	19.2	7		10	176	0.1	1.59	0.2	4.2	0.5	23.1
RDU_SM_DDH11-18	RDU_SM_611924	ASSAY	WHI11001696	242	242.97		3.22	0.1	0.59	7.1	1		10	189	0.05	1.91	0.05	4.6	3	6.6
RDU_SM_DDH11-18	RDU_SM_611925	ASSAY	WHI11001696	242.97	244		3.2	0.1	0.36	942.5	38		10	88	0.1	1.79	0.1	1.6	4	7.8
RDU_SM_DDH11-18	RDU_SM_611926	ASSAY	WHI11001696	244	244.91		2.96	0.05	0.4	58.6	3		10	112	0.05	1.34	0.05	1.6	3	5.2
RDU_SM_DDH11-18	RDU_SM_611927	ASSAY	WHI11001696	244.91	246.5		4.89	0.1	0.34	550	32		10	203	0.05	1.23	0.05	3.8	4	6.6
RDU_SM_DDH11-18	RDU_SM_611928	ASSAY	WHI11001737	246.5	248		4.77	0.2	0.2	734.9	74		10	114	0.1	0.45	0.05	1.8	9	7.4
RDU_SM_DDH11-18	RDU_SM_611929	ASSAY	WHI11001737	248	248.52		2.29	4	0.2	395.9	62		10	104	2	2.3	0.3	1.8	3	10.7
RDU_SM_DDH11-18	RDU_SM_611930	ASSAY	WHI11001737	248.52	250		3.96	0.1	0.32	98.7	26		10	171	0.1	0.54	0.05	1	4	5.6
RDU_SM_DDH11-18	RDU_SM_611931	ASSAY	WHI11001737	250	251.5		5.19	0.2	0.4	1306.4	61		10	154	0.1	0.4	0.1	3.9	2	9.9
RDU_SM_DDH11-18	RDU_SM_611932	ASSAY	WHI11001737	251.5	253		4.74	0.1	0.36	713.7	24		10	162	0.05	1.28	0.05	1.2	2	5
RDU_SM_DDH11-18	RDU_SM_611933	ASSAY	WHI11001737	253	254.5		4.71	0.1	0.45	431.2	40		10	273	0.05	1.69	0.05	1.3	3	5.8
RDU_SM_DDH11-18	RDU_SM_611935	ASSAY	WHI11001737	254.5	256		4.3	0.4	0.42	83.9	6		10	248	0.05	2.04	0.3	7	2	42.2
RDU_SM_DDH11-18	RDU_SM_611936	ASSAY	WHI11001737	256	257.5		4.51	0.2	0.3	1415.2	86		10	183	0.1	0.87	0.1	1.6	6	8.1
RDU_SM_DDH11-18	RDU_SM_611937	ASSAY	WHI11001737	257.5	259		4.85	0.5	0.33	478.7	143		10	210	0.2	1.35	0.8	4.2	3	22.3
RDU_SM_DDH11-18	RDU_SM_611938	ASSAY	WHI11001737	259	260.5		4.7	0.3	0.27	1498.9	576		10	153	0.2	0.83	0.5	1.7	6	6.1
RDU_SM_DDH11-18	RDU_SM_611939	ASSAY	WHI11001737	260.5	262		4.85	0.3	0.33	483.1	50		10	234	0.3	0.81	0.3	1.7	2	4.8
RDU_SM_DDH11-18	RDU_SM_611940	ASSAY	WHI11001737	262	263		3.3	0.2	0.28	5849.8	160		10	187	0.4	0.63	0.2	1.5	10	5.3
RDU_SM_DDH11-18	RDU_SM_611941	ASSAY	WHI11001737	263	264.5		4.93	0.1	0.32	1022.4	218		10	239	0.1	0.85	0.05	1.6	3	5.4
RDU_SM_DDH11-18	RDU_SM_611942	ASSAY	WHI11001737	264.5	266		4.82	0.1	0.3	3649.4	76		10	195	0.2	0.87	0.05	1.1	7	7.2
RDU_SM_DDH11-18	RDU_SM_611943	ASSAY	WHI11001737	266	267.5		5.11	0.05	0.32	133.4	11		10	233	0.05	1.02	0.05	1.1	2	9.3
RDU_SM_DDH11-18	RDU_SM_611945	ASSAY	WHI11001737	267.5	269		4.47	0.05	0.32	973.8	62		10	238	0.3	1.21	0.05	1.4	0.5	6.2
RDU_SM_DDH11-18	RDU_SM_611946	ASSAY	WHI11001737	269	270.5		4.91	0.05	0.28	1476.3	176		10	240	0.1	1.12	0.05	1.7	8	12.4
RDU_SM_DDH11-18	RDU_SM_611947	ASSAY	WHI11001737	270.5	272		5.26	0.1	0.27	3134.1	96		10	398	0.1	1.13	0.1	1.2	2	13.3
RDU_SM_DDH11-18	RDU_SM_611948	ASSAY	WHI11001737	272	273.5		4.54	0.05	0.26	578.7	14		10	324	0.1	0.79	0.05	1.1	6	8.4
RDU_SM_DDH11-18	RDU_SM_611949	ASSAY	WHI11001737	273.5	275		4.76	0.2	0.31	1330.9	48		10	227	0.2	1.14	0.5	3.5	1	17.4
RDU_SM_DDH11-18	RDU_SM_611950	ASSAY	WHI11001737	275	276.5		4.23	0.05	0.31	9.4	1		10	287	0.1	1.55	0.05	2.1	0.5	8.2
RDU_SM_DDH11-18	RDU_SM_611951	ASSAY	WHI11001737	276.5	278		4.94	0.1	0.39	532.1	15		10	332	0.1	1.75	0.05	3.6	3	7.6
RDU_SM_DDH11-18	RDU_SM_611952	ASSAY	WHI11001737	278	279.5		5.12	0.2	0.36	94.2	196		10	296	0.05	1.65	0.05	1.6	6	10.8

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-18	1.86	1	0.02	0.32	17	0.4	722	5	0.027	0.4	0.065	31.5	0.73	0.4	1.2	0.25	89	13.6	0.002	0.2	0.1	3	0.5	28
RDU_SM_DDH11-18	1.68	1	0.005	0.26	19	0.27	622	0.7	0.025	0.7	0.053	9.6	0.58	0.3	0.9	0.25	81	14.4	0.002	0.05	0.1	1	0.4	17
RDU_SM_DDH11-18	1.83	1	0.005	0.3	16	0.22	582	2.6	0.023	0.9	0.042	8.6	0.81	0.6	1.6	0.25	106	12.5	0.002	0.1	0.1	1	0.3	22
RDU_SM_DDH11-18	2.42	2	0.005	0.29	35	0.27	811	1	0.02	0.2	0.055	9	0.44	0.3	3	0.25	131	14.1	0.003	0.05	0.1	3	0.2	32
RDU_SM_DDH11-18	1.68	1	0.005	0.28	23	0.24	633	0.6	0.032	0.9	0.042	7.6	0.46	0.4	1.2	0.25	102	14.5	0.002	0.1	0.1	1	0.4	19
RDU_SM_DDH11-18	1.33	0.5	0.005	0.27	17	0.28	555	0.6	0.026	0.7	0.047	11.6	0.57	0.5	0.9	0.8	79	13.4	0.002	0.1	0.1	1	0.4	22
RDU_SM_DDH11-18	1.41	0.5	0.01	0.25	18	0.42	509	0.3	0.015	0.7	0.032	6	0.59	0.3	0.6	0.25	75	13	0.001	0.05	0.1	1	0.05	13
RDU_SM_DDH11-18	1.76	1	0.005	0.3	24	0.31	717	0.4	0.019	0.5	0.09	5.6	0.56	0.3	0.9	0.25	74	12.4	0.002	0.2	0.1	3	2.6	22
RDU_SM_DDH11-18	3.47	2	0.02	0.3	32	0.63	1242	0.7	0.022	0.05	0.147	24.6	0.64	0.2	1.9	0.25	110	10.1	0.003	0.4	0.1	7	0.05	57
RDU_SM_DDH11-18	3.06	3	0.005	0.36	38	0.63	951	0.8	0.025	0.2	0.142	6.8	0.31	0.2	3.1	0.25	106	11.9	0.017	0.3	0.1	11	0.05	50
RDU_SM_DDH11-18	3.54	4	0.01	0.47	38	0.82	1118	0.2	0.023	0.05	0.155	8.2	0.39	0.2	3.8	0.25	157	11.3	0.024	0.3	0.1	16	0.05	55
RDU_SM_DDH11-18	2.59	2	0.005	0.26	33	0.49	908	0.4	0.029	0.7	0.085	261.1	0.47	0.3	1.9	0.25	100	12	0.002	0.1	0.1	4	0.05	41
RDU_SM_DDH11-18	2.82	2	0.01	0.26	26	0.57	1056	0.5	0.034	0.3	0.093	10.5	0.65	0.3	1.9	0.25	93	10.2	0.002	0.2	0.1	4	0.05	40
RDU_SM_DDH11-18	3.6	2	0.01	0.29	27	0.62	1277	0.6	0.026	0.05	0.143	7.6	0.64	0.2	2.2	0.25	112	9.4	0.003	0.1	0.1	9	0.05	71
RDU_SM_DDH11-18	1.4	1	0.005	0.31	24	0.29	521	0.8	0.026	0.5	0.046	8.7	0.5	0.3	0.7	0.25	76	13.7	0.002	0.1	0.1	1	0.05	16
RDU_SM_DDH11-18	1.64	1	0.005	0.3	23	0.37	640	0.7	0.024	0.5	0.054	9.8	0.62	0.4	0.5	0.6	100	13.1	0.002	0.1	0.1	1	100	16
RDU_SM_DDH11-18	2.9	2	0.02	0.33	23	0.55	904	0.8	0.024	0.3	0.111	7.1	0.45	0.2	2.5	0.25	87	9.9	0.003	0.2	0.1	8	0.05	42
RDU_SM_DDH11-18	2.78	2	0.02	0.33	17	0.79	872	1.1	0.02	0.4	0.128	8.2	1.24	0.5	2.2	0.25	115	10.4	0.002	0.1	0.1	8	0.2	53
RDU_SM_DDH11-18	1.54	1	0.01	0.27	19	0.51	571	0.2	0.012	0.6	0.051	6.7	0.57	0.4	1.1	0.25	85	13	0.001	0.1	0.1	1	0.05	44
RDU_SM_DDH11-18	1.96	2	0.005	0.33	26	0.63	695	0.1	0.025	0.6	0.073	5.5	0.46	0.2	1.5	0.25	105	14.6	0.002	0.05	0.1	5	0.05	33
RDU_SM_DDH11-18	1.04	1	0.005	0.25	21	0.6	518	0.3	0.013	1	0.018	11.5	0.14	0.2	0.7	0.25	98	14.4	0.0005	0.05	0.1	1	0.05	26
RDU_SM_DDH11-18	0.96	1	0.01	0.27	31	0.45	437	0.4	0.016	1.7	0.018	3.6	0.14	0.2	0.8	0.25	76	16.2	0.0005	0.05	0.1	1	0.05	19
RDU_SM_DDH11-18	1.57	1	0.04	0.26	24	0.47	514	1.5	0.024	6.1	0.028	10.9	0.61	0.3	1.1	0.25	72	16	0.001	0.1	0.1	3	1	19
RDU_SM_DDH11-18	0.91	0.5	0.005	0.16	12	0.18	170	3.1	0.023	1.2	0.011	12	0.53	0.3	0.4	0.25	30	11	0.0005	0.05	0.1	1	0.4	7
RDU_SM_DDH11-18	1.64	0.5	0.02	0.16	9	0.83	1233	0.4	0.024	0.8	0.012	637.6	0.58	0.8	1.3	1.3	119	8.2	0.0005	0.05	0.2	1	1	28
RDU_SM_DDH11-18	0.73	0.5	0.02	0.21	15	0.19	239	0.7	0.011	0.5	0.015	5.2	0.37	0.1	0.5	0.25	26	12.1	0.0005	0.05	0.1	1	0.4	6
RDU_SM_DDH11-18	0.95	0.5	0.02	0.21	15	0.19	258	1.5	0.005	1.2	0.024	11.7	0.39	0.2	1	0.25	22	10.8	0.0005	0.05	0.1	3	0.5	20
RDU_SM_DDH11-18	0.89	0.5	0.01	0.23	17	0.44	356	1.1	0.017	0.8	0.011	9.3	0.3	0.1	0.7	0.25	48	13.2	0.0005	0.05	0.1	1	0.5	7
RDU_SM_DDH11-18	0.95	0.5	0.01	0.22	14	0.56	404	0.3	0.006	0.8	0.014	8.3	0.4	0.1	0.8	0.25	53	13.3	0.0005	0.05	0.1	1	0.6	11
RDU_SM_DDH11-18	1.77	1	0.005	0.27	16	0.68	917	1.2	0.013	2.4	0.045	8.3	0.26	0.05	2.1	0.25	81	11.4	0.0005	0.05	0.1	11	1.2	80
RDU_SM_DDH11-18	0.97	0.5	0.03	0.21	26	0.22	322	0.2	0.038	0.8	0.016	9.8	0.36	0.5	1	0.25	35	14.9	0.0005	0.05	0.1	1	0.4	15
RDU_SM_DDH11-18	1.54	1	0.01	0.27	14	0.46	534	0.8	0.029	1.5	0.03	42.5	0.58	0.2	1.1	0.25	75	12.1	0.001	0.05	0.1	5	0.7	85
RDU_SM_DDH11-18	1.17	0.5	0.005	0.22	18	0.26	342	0.3	0.048	0.8	0.017	41.1	0.52	0.5	0.9	0.6	39	14.7	0.0005	0.05	0.1	2	0.4	56
RDU_SM_DDH11-18	1.02	1	0.005	0.29	35	0.19	346	0.8	0.058	0.8	0.019	31.6	0.34	0.4	0.8	0.25	41	17.8	0.001	0.1	0.1	1	0.5	27
RDU_SM_DDH11-18	1.09	0.5	0.005	0.23	23	0.13	300	1.9	0.054	1	0.024	12.7	0.46	1.9	0.7	1	29	13.4	0.001	0.1	0.1	1	0.8	24
RDU_SM_DDH11-18	1.15	1	0.005	0.28	28	0.21	384	0.7	0.064	1.7	0.022	5.9	0.44	0.4	0.8	0.25	43	16.7	0.001	0.2	0.1	1	1	10
RDU_SM_DDH11-18	1.03	1	0.005	0.24	28	0.19	329	1.1	0.063	0.9	0.017	6.2	0.39	1.3	0.9	0.6	48	16.6	0.0005	0.05	0.1	1	1.2	12
RDU_SM_DDH11-18	0.81	1	0.005	0.29	35	0.17	361	1.1	0.057	0.7	0.018	6.4	0.25	0.2	0.8	0.25	60	17.7	0.001	0.05	0.1	1	0.9	8
RDU_SM_DDH11-18	0.91	1	0.005	0.29	33	0.17	420	1	0.054	0.9	0.021	4.8	0.27	0.3	0.9	0.25	66	16.9	0.001	0.2	0.1	1	0.4	10
RDU_SM_DDH11-18	1.21	1	0.02	0.24	29	0.17	483	0.5	0.066	0.7	0.021	4.1	0.56	0.6	0.8	0.25	60	17.4	0.001	0.2	0.1	1	1.8	8
RDU_SM_DDH11-18	1.27	0.5	0.01	0.23	23	0.18	561	0.6	0.064	0.7	0.016	4.9	0.45	0.8	0.9	0.6	62	13.9	0.0005	0.1	0.1	1	0.6	17
RDU_SM_DDH11-18	0.82	0.5	0.005	0.25	22	0.11	320	0.6	0.047	0.6	0.013	10.2	0.21	0.3	0.7	0.25	50	14.8	0.0005	0.05	0.1	1	2.8	15
RDU_SM_DDH11-18	1.87	0.5	0.005	0.28	14	0.32	628	0.9	0.027	1	0.022	12.7	1.07	0.4	0.3	0.7	75	15.8	0.0005	0.05	0.2	1	100	47
RDU_SM_DDH11-18	1.16	1	0.005	0.29	34	0.22	598	2.2	0.045	1.9	0.017	3.8	0.3	0.1	0.9	0.25	77	16.3	0.0005	0.1	0.1	1	1	17
RDU_SM_DDH11-18	1.27	1	0.03	0.32	30	0.26	566	0.8	0.041	2.8	0.047	6.3	0.38	0.3	1	0.25	77	17.6	0.001	0.3	0.1	4	1.4	16
RDU_SM_DDH11-18	1.03	1	0.03	0.3	26	0.19	542	0.8	0.032	1.6	0.033	6.4	0.29	0.2	0.9	0.25	75	16.2	0.0005	0.2	0.1	3	0.9	16

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-18	RDU_SM_611953	ASSAY	WHI11001737	279.5	281.02		4.62	0.05	0.32	605.9	42		10	307	0.1	1.83	0.05	1.1	2	8.4
RDU_SM_DDH11-18	RDU_SM_611954	ASSAY	WHI11001737	281.02	282.5		2.05	0.1	0.33	1192.6	178		10	285	0.05	1.1	0.05	1.2	6	13.5
RDU_SM_DDH11-18	RDU_SM_611955	FieldDup	WHI11001737	281.02	282.5	DUP of RDU_SM_611954	1.97	0.1	0.28	932.3	193		10	212	0.05	0.96	0.05	1.3	2	13.6
RDU_SM_DDH11-18	RDU_SM_611956	ASSAY	WHI11001737	282.5	284		4.3	0.2	0.27	1291	297		10	203	0.05	0.76	0.05	2	6	12.1
RDU_SM_DDH11-18	RDU_SM_611957	ASSAY	WHI11001737	284	285.5		4.72	0.3	0.25	1905.2	189		10	146	0.2	0.99	0.05	1.6	1	13.6
RDU_SM_DDH11-18	RDU_SM_611958	ASSAY	WHI11001737	285.5	287		4.7	0.2	0.25	3367.7	143		10	182	0.1	0.96	0.2	1.3	7	10.9
RDU_SM_DDH11-18	RDU_SM_611959	ASSAY	WHI11001737	287	288.5		4.98	0.2	0.26	1929.5	100		10	236	0.1	1.13	0.05	1.6	2	10.6
RDU_SM_DDH11-18	RDU_SM_611960	ASSAY	WHI11001737	288.5	290		4.88	0.1	0.32	2420.2	98		10	221	0.1	1.05	0.05	3.4	11	10.5
RDU_SM_DDH11-18	RDU_SM_611961	ASSAY	WHI11001737	290	291.5		4.84	0.2	0.28	2054.5	193		10	210	0.1	1.39	0.05	3	2	15.5
RDU_SM_DDH11-18	RDU_SM_611962	ASSAY	WHI11001737	291.5	293		4.91	0.2	0.33	1529.2	94		10	236	0.1	1.59	0.05	2.4	5	12.3
RDU_SM_DDH11-18	RDU_SM_611963	ASSAY	WHI11001737	293	294.5		4.95	0.2	0.32	114.4	9		10	176	0.05	1.39	0.05	1.6	2	13
RDU_SM_DDH11-18	RDU_SM_611964	ASSAY	WHI11001737	294.5	296		4.69	0.2	0.35	62.2	19		10	199	0.05	2.79	0.05	5.2	12	19.5
RDU_SM_DDH11-18	RDU_SM_611965	ASSAY	WHI11001737	296	297.5		4.45	0.1	0.32	801.8	171		10	173	0.05	2.29	0.05	5	10	19.7
RDU_SM_DDH11-18	RDU_SM_611966	ASSAY	WHI11001737	297.5	299.02		5.05	0.2	0.31	1438.3	286		10	245	0.05	1.93	0.05	2.6	7	13.2
RDU_SM_DDH11-18	RDU_SM_611967	ASSAY	WHI11001737	299.02	300.5		4.71	0.3	0.3	6646.8	417		10	176	0.2	1.68	0.2	3.4	2	11
RDU_SM_DDH11-18	RDU_SM_611968	ASSAY	WHI11001737	300.5	302		5.02	0.3	0.35	3130.3	314		10	240	0.1	1.71	0.05	3.5	12	16.9
RDU_SM_DDH11-18	RDU_SM_611970	ASSAY	WHI11001737	302	303.5		4.76	0.2	0.29	2737.1	361		10	161	0.05	0.88	0.05	2.3	1	11.7
RDU_SM_DDH11-18	RDU_SM_611971	ASSAY	WHI11001737	303.5	305		4.42	0.5	0.36	3522.1	225		10	313	0.1	2.17	0.05	7	5	47.1
RDU_SM_DDH11-18	RDU_SM_611972	ASSAY	WHI11001737	305	306.5		5.06	0.7	0.34	7180.2	814		10	160	0.1	2.3	0.1	9.2	11	38.7
RDU_SM_DDH11-18	RDU_SM_611973	ASSAY	WHI11001737	306.5	308		4.71	0.3	0.32	2118	143		10	165	0.05	2.34	0.2	8.6	13	33.4
RDU_SM_DDH11-18	RDU_SM_611974	ASSAY	WHI11001737	308	309.5		4.96	0.5	0.23	1691.6	218		10	121	0.1	2.04	0.8	4.8	6	24.6
RDU_SM_DDH11-18	RDU_SM_611975	ASSAY	WHI11001737	309.5	311		4.62	8.9	0.23	3867.5	53		10	150	1.2	1.79	7	4.4	5	10.5
RDU_SM_DDH11-18	RDU_SM_611976	ASSAY	WHI11001737	311	312.5		4.82	0.9	0.27	5950.5	28		10	295	0.3	4.5	0.9	7.6	8	11.4
RDU_SM_DDH11-18	RDU_SM_611977	ASSAY	WHI11001737	312.5	313.5		3.01	0.6	0.29	2739	34		10	111	0.1	2.43	0.3	9.7	9	39.6
RDU_SM_DDH11-18	RDU_SM_611978	ASSAY	WHI11001737	313.5	314.55		3	0.5	0.24	1057.6	159		10	81	0.3	2.14	0.4	9.2	5	37.7
RDU_SM_DDH11-19	RDU_SM_613255	ASSAY	WHI11001696	4	5		4.79	0.8	0.66	1024.9	48		10	2246	0.2	0.03	0.05	1.3	31	213.2
RDU_SM_DDH11-19	RDU_SM_613256	ASSAY	WHI11001696	5	6		3.87	0.5	0.41	837.3	65		10	1250	0.1	0.01	0.05	0.9	14	118.6
RDU_SM_DDH11-19	RDU_SM_613257	ASSAY	WHI11001696	6	7		4.65	0.5	0.35	882.2	57		10	545	0.1	0.005	0.05	1.4	21	109.3
RDU_SM_DDH11-19	RDU_SM_613258	ASSAY	WHI11001696	7	8		3.92	0.3	0.12	238	16		10	441	0.05	0.005	0.05	0.5	8	17.7
RDU_SM_DDH11-19	RDU_SM_613260	ASSAY	WHI11001696	8	9		3.8	0.3	0.12	294.6	12		10	301	0.05	0.005	0.05	0.7	25	23
RDU_SM_DDH11-19	RDU_SM_613261	ASSAY	WHI11001696	9	10		3.39	0.2	0.1	292.6	13		10	298	0.05	0.005	0.05	0.4	12	19.2
RDU_SM_DDH11-19	RDU_SM_613262	ASSAY	WHI11001696	10	11		3.36	0.4	0.2	355.4	20		10	219	0.05	0.005	0.05	0.6	19	62.8
RDU_SM_DDH11-19	RDU_SM_613263	ASSAY	WHI11001696	11	12		5.21	0.3	0.32	594.4	30		10	979	0.3	0.01	0.05	1	15	68.4
RDU_SM_DDH11-19	RDU_SM_613264	ASSAY	WHI11001696	12	13		3.99	0.5	0.41	965.5	117		10	1097	0.2	0.02	0.1	0.9	28	92.2
RDU_SM_DDH11-19	RDU_SM_613265	ASSAY	WHI11001696	13	14		4.36	0.4	0.29	330	67		10	282	0.2	0.005	0.05	0.5	15	66.5
RDU_SM_DDH11-19	RDU_SM_613266	ASSAY	WHI11001696	14	15		3.6	0.5	0.3	512.5	106		10	327	0.2	0.005	0.05	1.1	16	50
RDU_SM_DDH11-19	RDU_SM_613267	ASSAY	WHI11001696	15	16		3.79	0.4	0.32	988.5	72		10	320	0.1	0.005	0.05	1.3	19	111.4
RDU_SM_DDH11-19	RDU_SM_613268	ASSAY	WHI11001696	16	17		4.16	0.4	0.44	780.6	126		10	694	0.2	0.005	0.05	2.4	22	90.8
RDU_SM_DDH11-19	RDU_SM_613270	ASSAY	WHI11001696	17	18		3.57	0.3	0.27	636.4	31		10	304	0.1	0.005	0.05	1.2	10	64.2
RDU_SM_DDH11-19	RDU_SM_613271	ASSAY	WHI11001696	18	19		4.22	0.4	0.44	676.9	190		10	886	0.2	0.005	0.05	1.2	21	86.5
RDU_SM_DDH11-19	RDU_SM_613272	ASSAY	WHI11001696	19	20		4.72	0.4	0.24	305.3	78		10	291	0.2	0.005	0.05	0.4	13	24.1
RDU_SM_DDH11-19	RDU_SM_613273	ASSAY	WHI11001696	20	21		4.74	1.9	0.35	370.2	233		10	180	0.4	0.005	0.05	0.7	15	59.9
RDU_SM_DDH11-19	RDU_SM_613274	ASSAY	WHI11001696	21	22		3.89	0.2	0.39	617.4	98		10	279	0.2	0.005	0.05	0.7	15	108.7
RDU_SM_DDH11-19	RDU_SM_613275	ASSAY	WHI11001696	22	23		4.68	0.3	0.33	1127	87		10	164	0.2	0.005	0.05	0.6	22	189.7
RDU_SM_DDH11-19	RDU_SM_613276	ASSAY	WHI11001696	23	24.29		4.64	0.2	0.19	946.2	16		10	94	0.1	0.005	0.05	0.7	14	65
RDU_SM_DDH11-19	RDU_SM_613277	ASSAY	WHI11001696	24.29	25		3.6	0.2	0.31	364.2	38		10	116	0.1	0.005	0.05	0.5	11	45.5

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-18	0.73	0.5	0.005	0.3	28	0.15	521	1	0.029	0.6	0.016	3.9	0.23	0.3	0.6	0.25	81	15.3	0.0005	0.05	0.1	1	0.7	7
RDU_SM_DDH11-18	1.03	1	0.02	0.28	23	0.29	413	0.9	0.038	0.7	0.017	4	0.39	0.5	0.7	0.25	61	14.9	0.0005	0.05	0.1	1	1.1	6
RDU_SM_DDH11-18	0.91	0.5	0.02	0.24	22	0.27	355	0.8	0.027	0.5	0.015	3.7	0.33	0.4	0.7	0.25	55	15.2	0.0005	0.05	0.1	1	1	6
RDU_SM_DDH11-18	0.93	0.5	0.02	0.22	27	0.18	298	1.4	0.041	1.9	0.016	5.1	0.35	0.7	1	0.25	44	15	0.0005	0.05	0.1	1	0.8	10
RDU_SM_DDH11-18	1.2	0.5	0.005	0.2	23	0.22	309	0.9	0.038	0.6	0.015	13	0.61	1	1.1	0.5	56	14.5	0.0005	0.05	0.1	1	1.1	14
RDU_SM_DDH11-18	1.19	0.5	0.005	0.21	24	0.21	291	1.1	0.045	0.7	0.016	9.3	0.6	0.8	0.8	0.6	57	15.3	0.0005	0.05	0.1	1	1.1	22
RDU_SM_DDH11-18	1.12	0.5	0.005	0.22	27	0.2	340	1.7	0.037	1.3	0.016	7.7	0.54	0.6	1	0.25	56	16.7	0.0005	0.05	0.1	1	5.6	7
RDU_SM_DDH11-18	1.39	1	0.005	0.23	26	0.31	420	1.2	0.043	9.4	0.036	6.7	0.4	0.5	1.5	0.25	59	13.5	0.002	0.1	0.1	8	4	18
RDU_SM_DDH11-18	1.65	1	0.005	0.22	22	0.26	483	1.4	0.041	2.7	0.034	7	0.7	0.7	1.3	0.6	60	13.6	0.0005	0.2	0.1	3	3.3	13
RDU_SM_DDH11-18	1.42	1	0.02	0.27	27	0.23	469	2.1	0.032	1.7	0.039	6.2	0.56	0.4	1.1	0.25	62	14.4	0.0005	0.3	0.1	3	5.1	11
RDU_SM_DDH11-18	1.24	1	0.02	0.22	33	0.27	375	0.6	0.03	1.1	0.025	7.1	0.55	0.3	1.1	0.25	60	15.8	0.0005	0.2	0.1	1	0.6	11
RDU_SM_DDH11-18	1.68	1	0.02	0.25	18	0.68	712	1.6	0.033	10	0.041	10.5	0.5	0.3	1.6	0.25	120	11.7	0.0005	0.1	0.1	6	0.6	22
RDU_SM_DDH11-18	1.9	0.5	0.005	0.22	16	0.78	479	1.3	0.019	11.8	0.039	8.7	0.61	0.4	1.9	0.25	88	10.5	0.0005	0.05	0.1	10	0.8	23
RDU_SM_DDH11-18	1.4	0.5	0.005	0.22	21	0.61	426	1.1	0.022	4.8	0.022	9.4	0.56	0.8	1	0.5	79	13.3	0.0005	0.05	0.1	4	1.3	11
RDU_SM_DDH11-18	1.66	0.5	0.005	0.21	14	0.51	419	1.8	0.017	7	0.037	17.9	0.72	1.5	1	1.4	95	10.8	0.0005	0.05	0.1	3	1.5	24
RDU_SM_DDH11-18	1.69	1	0.005	0.23	18	0.53	503	1.8	0.027	5	0.044	10.6	0.56	0.8	2.4	0.8	89	10.7	0.0005	0.05	0.1	5	1.1	24
RDU_SM_DDH11-18	1.28	0.5	0.02	0.22	20	0.28	285	0.9	0.031	1.7	0.023	16.1	0.64	0.8	0.9	0.6	41	11.9	0.0005	0.05	0.1	1	0.9	11
RDU_SM_DDH11-18	2.54	1	0.01	0.29	11	0.68	631	1.6	0.022	6.2	0.075	12.4	1.22	1.2	1.6	1.2	101	10	0.0005	0.1	0.1	5	1.5	21
RDU_SM_DDH11-18	3.31	1	0.02	0.23	6	0.82	728	1.8	0.025	15.4	0.092	21.3	1.25	1.5	3.7	1.1	66	4	0.0005	0.5	0.1	15	1.2	38
RDU_SM_DDH11-18	2.65	1	0.005	0.23	10	0.77	744	1.2	0.024	20.8	0.067	11.8	0.96	1	2.7	0.8	88	10	0.0005	0.2	0.1	10	1.1	41
RDU_SM_DDH11-18	1.44	0.5	0.005	0.19	11	0.71	751	1.2	0.016	18.2	0.029	39	0.37	1.3	1	0.25	80	9	0.0005	0.05	0.1	5	1.7	58
RDU_SM_DDH11-18	1.32	0.5	0.005	0.18	17	0.6	684	3.5	0.024	11.5	0.033	2609.1	0.46	4.9	1.4	3.2	77	13.3	0.0005	0.05	0.4	4	1.5	397
RDU_SM_DDH11-18	2.51	0.5	0.005	0.17	8	1.88	2443	1.3	0.018	25.8	0.102	213.6	0.69	2	2.9	1.4	220	8.4	0.0005	0.05	0.1	8	0.6	68
RDU_SM_DDH11-18	2.28	0.5	0.02	0.18	9	0.99	730	2.3	0.015	19.5	0.041	32.7	0.66	0.6	1.6	1.1	81	9.3	0.0005	0.05	0.1	6	3	35
RDU_SM_DDH11-18	2.38	0.5	0.02	0.17	8	0.81	842	2.2	0.009	17.5	0.032	48.4	0.74	1	1.1	0.8	64	8.3	0.0005	0.05	0.1	5	1	47
RDU_SM_DDH11-19	4.97	1	0.14	0.12	12	0.01	39	5.1	0.004	1.7	0.29	1421.5	0.025	10.8	10.2	5.7	129	2.7	0.001	0.05	0.1	63	2.9	65
RDU_SM_DDH11-19	4.01	1	0.11	0.09	5	0.01	32	3	0.003	1.8	0.161	108.4	0.025	12.1	5.5	4.3	83	1.6	0.001	0.05	0.1	39	0.8	39
RDU_SM_DDH11-19	4.84	1	0.15	0.09	4	0.005	33	3.7	0.003	2	0.141	91.5	0.025	17.3	4.7	7.4	41	1.5	0.001	0.05	0.1	42	0.4	33
RDU_SM_DDH11-19	1.04	0.5	0.07	0.03	1	0.005	27	0.6	0.001	0.8	0.058	15.4	0.025	3.5	1.9	0.25	30	0.2	0.0005	0.05	0.1	13	0.05	15
RDU_SM_DDH11-19	1.18	0.5	0.07	0.03	1	0.005	24	0.8	0.001	1.2	0.051	15.4	0.025	3.1	2.2	0.25	20	0.2	0.0005	0.05	0.1	14	0.05	13
RDU_SM_DDH11-19	1.19	0.5	0.05	0.02	0.5	0.005	24	0.6	0.0005	0.8	0.055	4.3	0.025	4.5	2.1	0.25	20	0.1	0.0005	0.05	0.1	19	0.05	9
RDU_SM_DDH11-19	2.33	0.5	0.07	0.07	2	0.005	24	2.7	0.002	1.2	0.05	9	0.025	7.5	1.7	3.6	19	0.7	0.0005	0.05	0.1	24	0.05	11
RDU_SM_DDH11-19	2.29	1	0.08	0.06	4	0.005	29	2.6	0.002	1.1	0.114	41.6	0.025	8.5	2	1.9	77	0.9	0.0005	0.05	0.1	35	0.5	18
RDU_SM_DDH11-19	3.49	3	0.17	0.07	7	0.01	32	4.7	0.002	1.2	0.152	39.9	0.025	13.4	4.9	4.2	98	1.4	0.001	0.05	0.1	61	1	18
RDU_SM_DDH11-19	1.84	2	0.14	0.06	4	0.005	21	3.9	0.002	0.8	0.044	13.7	0.025	4.9	2	3.8	30	1.3	0.0005	0.05	0.1	27	0.2	8
RDU_SM_DDH11-19	1.7	2	0.15	0.07	6	0.01	22	4.5	0.002	0.9	0.057	25	0.025	5.1	3	3.5	32	1.3	0.0005	0.05	0.1	35	0.3	9
RDU_SM_DDH11-19	3.47	3	0.16	0.09	9	0.005	27	2.3	0.003	0.7	0.076	25.8	0.025	7.8	3.6	5	33	2.1	0.0005	0.05	0.1	35	0.3	8
RDU_SM_DDH11-19	3.8	2	0.2	0.09	15	0.005	33	3.6	0.003	2.9	0.129	23.5	0.025	10.9	4.9	4	69	1.9	0.001	0.05	0.1	44	1.4	39
RDU_SM_DDH11-19	2.62	0.5	0.09	0.06	9	0.005	27	1.7	0.003	0.8	0.084	13.4	0.025	4.7	3.4	2.1	35	0.7	0.0005	0.05	0.1	19	0.2	9
RDU_SM_DDH11-19	3.23	2	0.25	0.08	16	0.005	29	6.4	0.003	0.8	0.132	39.7	0.025	11.3	4.5	12.4	89	1.6	0.001	0.05	0.1	37	0.5	14
RDU_SM_DDH11-19	1.09	1	0.12	0.08	5	0.005	19	3.5	0.001	0.8	0.04	19.8	0.025	2.7	1.9	1.4	28	1.1	0.0005	0.05	0.1	27	0.05	7
RDU_SM_DDH11-19	1.91	2	0.23	0.09	4	0.01	26	2.9	0.004	0.9	0.039	23.8	0.025	6.3	1.7	3.8	20	2	0.001	0.05	0.1	21	0.4	9
RDU_SM_DDH11-19	3.31	2	0.13	0.07	5	0.005	24	2.7	0.003	0.8	0.079	23	0.025	9.2	2.8	4.5	30	1	0.0005	0.05	0.1	24	0.5	5
RDU_SM_DDH11-19	6.31	2	0.28	0.05	4	0.005	36	3.8	0.003	0.9	0.106	21.6	0.025	15.7	3.9	14.7	19	0.9	0.001	0.05	0.1	27	0.6	16
RDU_SM_DDH11-19	3.51	0.5	0.09	0.04	4	0.005	30	1	0.002	0.7	0.094	17.1	0.025	6.2	4.5	0.5	9	0.4	0.0005	0.05	0.1	19	0.3	10
RDU_SM_DDH11-19	1.92	1	0.08	0.11	11	0.01	25	2.8	0.004	0.8	0.046	14.6	0.025	2.8	2.7	0.8	13	2.8	0.0005	0.05	0.1	19	0.6	4

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-19	RDU_SM_613278	ASSAY	WHI11001696	25	26		4.25	0.1	0.3	342.3	54		10	68	0.2	0.005	0.05	0.2	8	31.3
RDU_SM_DDH11-19	RDU_SM_613280	FieldDup	WHI11001696	26	27	DUP of 613279	1.49	0.3	0.23	951.4	87		10	54	0.2	0.005	0.05	0.5	9	91.6
RDU_SM_DDH11-19	RDU_SM_613279	ASSAY	WHI11001696	26	27		1.7	0.4	0.34	1575	33		10	52	0.2	0.005	0.1	0.5	18	129.6
RDU_SM_DDH11-19	RDU_SM_613281	ASSAY	WHI11001696	27	28		4.64	0.2	0.24	480.6	20		10	78	0.1	0.005	0.05	0.3	14	40
RDU_SM_DDH11-19	RDU_SM_613282	ASSAY	WHI11001696	28	29		4.36	0.2	0.29	593.4	13		10	111	0.3	0.005	0.05	0.4	11	39.1
RDU_SM_DDH11-19	RDU_SM_613283	ASSAY	WHI11001696	29	30		3.79	0.2	0.37	262.2	6		10	173	0.4	0.005	0.05	0.2	12	21.6
RDU_SM_DDH11-19	RDU_SM_613284	ASSAY	WHI11001696	30	31		3.97	0.2	0.35	308	32		10	158	0.3	0.005	0.05	0.4	9	47.3
RDU_SM_DDH11-19	RDU_SM_613285	ASSAY	WHI11001696	31	32		4.28	0.2	0.32	741.7	37		10	203	0.3	0.005	0.05	0.3	13	58.9
RDU_SM_DDH11-19	RDU_SM_613286	ASSAY	WHI11001696	32	33		5.03	0.2	0.31	690.3	32		10	179	0.1	0.005	0.05	0.3	16	89.5
RDU_SM_DDH11-19	RDU_SM_613287	ASSAY	WHI11001696	33	34		4.1	0.2	0.35	509.2	51		10	340	0.2	0.005	0.05	0.4	11	72.2
RDU_SM_DDH11-19	RDU_SM_613288	ASSAY	WHI11001696	34	35		2.93	0.2	0.39	811.4	64		10	499	0.2	0.005	0.05	0.4	15	111.3
RDU_SM_DDH11-19	RDU_SM_613289	ASSAY	WHI11001696	35	36		3.09	0.3	0.4	746.9	61		10	314	0.1	0.005	0.05	0.4	15	81.1
RDU_SM_DDH11-19	RDU_SM_613290	ASSAY	WHI11001696	36	38		2.77	0.5	0.27	661.8	24		10	193	0.2	0.005	0.05	0.3	15	121.1
RDU_SM_DDH11-19	RDU_SM_613291	ASSAY	WHI11001696	38	39		3.89	0.5	0.37	1279.9	73		10	251	0.2	0.005	0.05	0.4	17	135.5
RDU_SM_DDH11-19	RDU_SM_613292	ASSAY	WHI11001696	39	40		2.78	0.4	0.24	1156.1	51		10	106	0.2	0.005	0.05	0.3	22	182.6
RDU_SM_DDH11-19	RDU_SM_613293	ASSAY	WHI11001696	40	41		2.48	0.6	0.44	1308.4	60		10	239	0.2	0.005	0.05	1.3	14	80.3
RDU_SM_DDH11-19	RDU_SM_613294	ASSAY	WHI11001696	41	42		4.16	0.3	0.35	428.1	23		10	272	0.3	0.005	0.05	1.3	13	45.1
RDU_SM_DDH11-19	RDU_SM_613296	ASSAY	WHI11001696	42	44		5.4	1.1	0.35	931.5	50		10	226	0.1	0.005	0.05	0.6	16	84.9
RDU_SM_DDH11-19	RDU_SM_613297	ASSAY	WHI11001696	44	45.02		4.7	0.3	0.34	372.1	21		10	207	0.05	0.005	0.05	2.8	10	31.7
RDU_SM_DDH11-19	RDU_SM_613298	ASSAY	WHI11001696	45.02	46		4.38	0.5	0.41	332	38		10	246	0.2	0.005	0.05	0.6	10	37.1
RDU_SM_DDH11-19	RDU_SM_613300	ASSAY	WHI11001696	46	47		5.68	0.5	0.47	418.8	58		10	507	0.2	0.005	0.05	0.5	14	79.3
RDU_SM_DDH11-19	RDU_SM_613301	ASSAY	WHI11001696	47	48		3.71	0.6	0.52	686.5	49		10	278	0.3	0.005	0.05	1.3	17	173.7
RDU_SM_DDH11-19	RDU_SM_613302	ASSAY	WHI11001696	48	49		4.52	0.4	0.54	317.7	27		10	144	0.3	0.005	0.05	1.2	12	97.7
RDU_SM_DDH11-19	RDU_SM_613303	ASSAY	WHI11001696	49	50		5.19	0.3	0.43	356	14		10	222	0.2	0.005	0.05	1.2	22	128.9
RDU_SM_DDH11-19	RDU_SM_613304	ASSAY	WHI11001696	50	51		4.09	0.4	0.49	362.8	10		10	217	0.1	0.005	0.05	0.7	27	126.8
RDU_SM_DDH11-19	RDU_SM_613305	ASSAY	WHI11001696	51	52		4.51	0.5	0.53	285.9	23		10	155	0.2	0.005	0.05	1.7	28	169
RDU_SM_DDH11-19	RDU_SM_613306	ASSAY	WHI11001696	52	53		4.27	1.1	0.58	481.7	69		10	188	0.2	0.005	0.05	2.6	30	181.1
RDU_SM_DDH11-19	RDU_SM_613307	ASSAY	WHI11001696	53	54		5.12	1.2	0.35	152.2	56		10	159	0.2	0.005	0.05	0.5	12	71.3
RDU_SM_DDH11-19	RDU_SM_613308	ASSAY	WHI11001696	54	55		4.77	1.8	0.35	252.7	46		10	144	0.2	0.005	0.05	0.6	17	118.7
RDU_SM_DDH11-19	RDU_SM_613309	ASSAY	WHI11001696	55	56		2.59	0.9	0.34	470.8	34		10	162	0.2	0.005	0.05	1.1	22	97.7
RDU_SM_DDH11-19	RDU_SM_613310	FieldDup	WHI11001696	55	56	DUP of 613309	1.39	1	0.33	547.5	44		10	146	0.2	0.005	0.1	1	21	97.3
RDU_SM_DDH11-19	RDU_SM_613311	ASSAY	WHI11001696	56	57		3.6	1.2	0.31	484.3	53		10	210	0.3	0.005	0.05	0.8	17	65.9
RDU_SM_DDH11-19	RDU_SM_613312	ASSAY	WHI11001696	57	58		5.72	1.1	0.44	1203.2	24		10	244	0.2	0.01	0.5	2.6	19	68.9
RDU_SM_DDH11-19	RDU_SM_613313	ASSAY	WHI11001696	58	59		3.62	1	0.4	884.9	55		10	257	0.3	0.01	0.2	1.8	27	74.2
RDU_SM_DDH11-19	RDU_SM_613314	ASSAY	WHI11001696	59	60		5.08	2.7	0.35	515.6	48		10	236	0.2	0.03	0.05	1.5	15	21.8
RDU_SM_DDH11-19	RDU_SM_613315	ASSAY	WHI11001696	60	61		3.33	2	0.32	372.4	71		10	207	1.8	0.02	0.05	0.8	24	58.2
RDU_SM_DDH11-19	RDU_SM_613316	ASSAY	WHI11001696	61	62.48		3.52	0.7	0.31	410.6	25		10	287	0.2	0.005	0.05	0.9	21	85.6
RDU_SM_DDH11-19	RDU_SM_613317	ASSAY	WHI11001696	62.48	64		4.76	1.3	0.32	517.6	54		10	317	0.2	0.03	0.05	0.7	24	43.6
RDU_SM_DDH11-19	RDU_SM_613318	ASSAY	WHI11001696	64	65.53		4.08	2	0.26	619.6	133		10	118	0.3	0.005	0.05	0.8	10	24.2
RDU_SM_DDH11-19	RDU_SM_613320	ASSAY	WHI11001696	65.53	67		4.72	1.1	0.27	250.5	87		10	158	0.2	0.005	0.05	0.6	12	45.3
RDU_SM_DDH11-19	RDU_SM_613321	ASSAY	WHI11001696	67	68.5		3.27	0.7	0.25	125.2	39		10	125	0.2	0.005	0.05	0.8	8	28.4
RDU_SM_DDH11-19	RDU_SM_613322	ASSAY	WHI11001696	68.5	70		4.49	0.4	0.24	134.2	9		10	262	0.2	0.005	0.05	0.8	20	68.2
RDU_SM_DDH11-19	RDU_SM_613323	ASSAY	WHI11001696	70	71.5		4.18	0.8	0.25	133.1	15		10	201	0.2	0.01	0.05	0.5	10	46.7
RDU_SM_DDH11-19	RDU_SM_613324	ASSAY	WHI11001696	71.5	73		4.29	0.6	0.22	44.1	7		10	127	0.2	0.005	0.05	0.4	19	48.4
RDU_SM_DDH11-19	RDU_SM_613325	ASSAY	WHI11001696	73	74.5		4.24	0.5	0.29	32.7	429		10	179	0.2	0.005	0.05	0.4	9	13.6
RDU_SM_DDH11-19	RDU_SM_613326	ASSAY	WHI11001696	74.5	76		4.76	0.3	0.32	32.1	4		10	230	0.2	0.005	0.05	0.3	11	20.9

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-19	1.95	1	0.05	0.12	7	0.005	18	1.4	0.004	0.6	0.04	5.6	0.025	3.2	1.7	0.6	9	3.3	0.0005	0.05	0.1	13	0.3	4
RDU_SM_DDH11-19	4.75	0.5	0.09	0.06	3	0.005	23	7.2	0.003	0.9	0.089	8.2	0.025	8	3.3	3	7	1	0.0005	0.05	0.1	19	0.4	18
RDU_SM_DDH11-19	7.77	0.5	0.14	0.06	4	0.005	31	6.7	0.002	1.2	0.153	11.3	0.025	13	5.7	5.7	7	1	0.0005	0.05	0.1	28	0.5	29
RDU_SM_DDH11-19	2.32	0.5	0.06	0.1	8	0.005	22	4.2	0.005	0.7	0.042	10.1	0.025	5	2.2	0.9	8	3.2	0.0005	0.05	0.1	18	0.4	8
RDU_SM_DDH11-19	2.33	1	0.04	0.1	8	0.005	20	8.3	0.005	0.8	0.041	11	0.025	4.4	2.7	1.1	11	2.8	0.0005	0.1	0.1	17	0.4	6
RDU_SM_DDH11-19	1.31	2	0.03	0.17	21	0.02	18	1.4	0.008	0.8	0.028	14.7	0.025	4	1.7	1.1	20	8.1	0.0005	0.05	0.1	19	0.4	4
RDU_SM_DDH11-19	2.06	2	0.06	0.15	13	0.01	16	2.4	0.009	0.5	0.034	15.7	0.025	5.3	1.8	2.5	20	5.6	0.0005	0.05	0.1	17	0.2	4
RDU_SM_DDH11-19	2.52	2	0.06	0.12	8	0.01	16	2.1	0.007	1.1	0.036	31	0.025	5.8	2.1	2.7	26	2.1	0.0005	0.05	0.1	17	0.3	5
RDU_SM_DDH11-19	3.45	1	0.1	0.09	7	0.005	20	3.6	0.004	3.4	0.059	24.2	0.025	6.8	3.4	2	23	1.9	0.0005	0.05	0.1	23	0.5	9
RDU_SM_DDH11-19	3.25	2	0.12	0.11	8	0.01	19	3	0.005	0.6	0.066	27	0.025	6.3	3.2	2.5	46	2.1	0.0005	0.05	0.1	19	0.5	14
RDU_SM_DDH11-19	4.42	1	0.1	0.08	11	0.005	22	4	0.004	0.6	0.094	51	0.025	9.9	5.2	4.1	60	1.5	0.0005	0.05	0.1	23	0.7	17
RDU_SM_DDH11-19	3.78	2	0.1	0.12	8	0.01	17	2.2	0.004	0.7	0.071	22.7	0.025	7.5	3.7	3.2	32	2	0.0005	0.05	0.1	27	0.6	8
RDU_SM_DDH11-19	4.07	1	0.13	0.1	6	0.005	26	3.2	0.005	0.7	0.057	20.4	0.025	5.4	2.5	2	22	2.2	0.0005	0.05	0.1	19	1.9	11
RDU_SM_DDH11-19	5.58	2	0.14	0.1	6	0.01	20	5.1	0.004	0.8	0.083	55.8	0.025	9.2	4	3.6	29	2.2	0.0005	0.05	0.2	38	0.6	12
RDU_SM_DDH11-19	6.34	0.5	0.2	0.07	5	0.005	21	8.7	0.003	0.9	0.074	50.4	0.025	13.8	4.2	3.9	10	1.5	0.0005	0.05	0.1	32	0.6	15
RDU_SM_DDH11-19	6.33	2	0.16	0.16	15	0.02	30	1.7	0.007	8.6	0.077	30.1	0.025	3.8	3.4	3.7	27	6.6	0.0005	0.05	0.1	17	1	98
RDU_SM_DDH11-19	3.46	2	0.05	0.13	7	0.005	29	2.3	0.005	6.1	0.045	28.8	0.025	1.9	2.5	1.2	39	3.5	0.0005	0.05	0.1	20	0.5	63
RDU_SM_DDH11-19	4.53	2	0.09	0.1	5	0.005	26	5.2	0.003	2.5	0.061	48.6	0.025	5.5	3.1	2	27	2.8	0.0005	0.05	0.3	24	1.8	30
RDU_SM_DDH11-19	5.05	1	0.05	0.11	9	0.005	44	1.7	0.004	17.9	0.055	11.8	0.025	0.8	1.7	1.2	24	4	0.0005	0.05	0.1	9	0.4	162
RDU_SM_DDH11-19	1.41	1	0.06	0.12	8	0.01	24	1.5	0.004	2.6	0.033	18.1	0.025	1.6	2.3	0.8	28	3.8	0.0005	0.05	0.1	15	0.4	10
RDU_SM_DDH11-19	2.25	2	0.1	0.08	5	0.005	23	3	0.002	3.9	0.059	82.5	0.025	3	2.8	2.5	57	1.8	0.0005	0.05	0.1	22	0.9	21
RDU_SM_DDH11-19	5.76	4	0.14	0.08	4	0.005	50	5.9	0.004	6.3	0.075	34.6	0.025	5.1	4.1	3.6	43	2.2	0.0005	0.05	0.1	26	0.7	53
RDU_SM_DDH11-19	4.33	3	0.13	0.1	6	0.005	55	3.9	0.006	3.2	0.069	25.6	0.025	2.1	3.1	2.7	21	3.4	0.001	0.05	0.1	32	0.6	20
RDU_SM_DDH11-19	3.34	2	0.05	0.05	8	0.005	46	3.3	0.002	3.1	0.093	49.9	0.025	3.6	4.6	3.3	28	2.4	0.0005	0.05	0.1	41	0.8	22
RDU_SM_DDH11-19	3.52	2	0.07	0.06	6	0.005	31	2.6	0.003	6	0.094	54.1	0.025	3.3	4.9	2.2	26	1.5	0.0005	0.05	0.1	42	0.8	23
RDU_SM_DDH11-19	3.76	1	0.12	0.06	5	0.005	25	2.5	0.002	12.2	0.086	56.4	0.025	2.8	4.5	3.5	23	2.3	0.0005	0.05	0.1	34	0.7	38
RDU_SM_DDH11-19	5.34	2	0.15	0.14	10	0.01	40	3.5	0.005	15.9	0.101	46.6	0.025	3.1	3.7	6.1	23	3.5	0.0005	0.05	0.1	53	0.4	83
RDU_SM_DDH11-19	1.99	2	0.05	0.17	17	0.01	16	2.4	0.004	1.9	0.029	26.3	0.025	2.6	1.5	4	20	6.6	0.0005	0.05	0.1	12	0.5	9
RDU_SM_DDH11-19	3.54	2	0.12	0.15	13	0.01	15	2	0.006	2.8	0.05	22.8	0.025	1.6	2.2	4	18	4.9	0.0005	0.05	0.1	29	0.4	17
RDU_SM_DDH11-19	4.03	2	0.06	0.12	10	0.005	18	4.8	0.005	5.2	0.076	24.9	0.025	4.4	2.8	5.6	22	4	0.0005	0.05	0.1	36	0.4	28
RDU_SM_DDH11-19	4.79	2	0.08	0.1	7	0.005	21	6.7	0.005	8.5	0.093	27.7	0.025	3.5	3.3	6.8	20	3	0.0005	0.05	0.2	40	0.5	49
RDU_SM_DDH11-19	3.38	1	0.07	0.1	9	0.005	18	5.7	0.004	5.9	0.085	28.9	0.025	2.5	3.6	6	31	3.1	0.0005	0.05	0.1	29	0.4	48
RDU_SM_DDH11-19	7.37	1	0.04	0.11	6	0.01	46	5.7	0.006	24.5	0.173	29	0.025	5.3	4.2	3.3	32	2.4	0.001	0.05	0.1	51	2.8	236
RDU_SM_DDH11-19	4.78	1	0.06	0.09	5	0.01	25	5.9	0.005	12.9	0.134	35.2	0.025	3.5	4.5	4.3	43	1.7	0.0005	0.05	0.1	50	0.5	94
RDU_SM_DDH11-19	1.86	0.5	0.08	0.1	5	0.02	34	2.4	0.004	4.4	0.126	27.8	0.025	2.3	5.9	2.2	47	1.2	0.001	0.1	0.1	24	0.4	39
RDU_SM_DDH11-19	2.6	1	0.11	0.11	6	0.01	25	6.7	0.004	4.5	0.097	1049.1	0.025	2.5	2.5	5.3	31	1.9	0.0005	0.05	0.4	32	0.6	40
RDU_SM_DDH11-19	3.21	2	0.14	0.09	5	0.005	17	5.2	0.003	4	0.105	27.2	0.025	2.5	3.5	3.7	46	2.1	0.0005	0.05	0.1	41	0.6	29
RDU_SM_DDH11-19	2.73	2	0.1	0.1	4	0.005	20	3.9	0.004	2.9	0.158	46.1	0.1	3.5	4.2	4.1	84	1.6	0.001	0.1	0.1	50	0.3	17
RDU_SM_DDH11-19	1.94	1	0.04	0.14	8	0.02	25	4.7	0.004	0.7	0.149	15.7	0.05	6	5.9	6.2	15	2.4	0.001	0.1	0.2	21	0.3	5
RDU_SM_DDH11-19	1.94	1	0.04	0.15	9	0.01	17	3.6	0.005	0.9	0.087	17.5	0.08	1.2	2.5	2.3	22	3	0.0005	0.1	0.1	14	0.2	5
RDU_SM_DDH11-19	1.23	1	0.06	0.13	11	0.01	24	2.9	0.005	3	0.04	10.2	0.025	1.2	2.1	2.3	17	3.1	0.0005	0.05	0.1	12	0.2	20
RDU_SM_DDH11-19	3.1	2	0.08	0.05	3	0.005	18	4.4	0.004	6.6	0.07	17.2	0.025	2.3	1.6	2.4	44	1.6	0.0005	0.05	0.1	31	0.3	34
RDU_SM_DDH11-19	2.39	2	0.09	0.05	3	0.005	20	3.2	0.004	0.6	0.065	21.8	0.025	2.2	1	4.7	54	1.3	0.0005	0.05	0.1	18	0.2	7
RDU_SM_DDH11-19	2.05	2	0.08	0.05	3	0.005	20	8.3	0.003	1.1	0.046	23.9	0.025	2.5	0.7	3.4	32	1.4	0.0005	0.05	0.1	32	0.3	7
RDU_SM_DDH11-19	0.94	2	0.1	0.08	8	0.005	12	2.7	0.006	1.9	0.023	10	0.06	1.7	0.9	1.2	37	3.3	0.0005	0.2	0.1	14	0.2	6
RDU_SM_DDH11-19	1.01	2	0.06	0.1	6	0.005	10	2.5	0.006	0.9	0.022	11.2	0.07	0.7	0.9	2.1	46	3.2	0.0005	0.2	0.1	16	0.1	3

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-19	RDU_SM_613327	ASSAY	WHI11001696	76	77.5		5.85	0.5	0.26	52.9	8		10	188	0.2	0.005	0.05	0.3	8	7.7
RDU_SM_DDH11-19	RDU_SM_613328	ASSAY	WHI11001696	77.5	79		3.64	2.1	0.21	8.7	9		10	124	0.2	0.005	0.05	0.2	8	18.8
RDU_SM_DDH11-19	RDU_SM_613330	ASSAY	WHI11001696	79	80.5		3.22	2	0.26	253.9	12		10	228	0.7	0.005	0.05	0.5	15	19
RDU_SM_DDH11-19	RDU_SM_613331	ASSAY	WHI11001696	80.5	82		2.87	0.6	0.23	46.7	9		10	332	0.2	0.005	0.05	0.3	8	12.1
RDU_SM_DDH11-19	RDU_SM_613332	ASSAY	WHI11001696	82	83.5		2.72	0.6	0.25	17.1	33		10	369	0.2	0.005	0.05	0.6	16	41.3
RDU_SM_DDH11-19	RDU_SM_613333	ASSAY	WHI11001696	83.5	85		4.59	1.2	0.28	21.4	12		10	238	0.2	0.005	0.05	0.2	13	22.7
RDU_SM_DDH11-19	RDU_SM_613334	ASSAY	WHI11001696	85	86.5		1.74	0.8	0.3	23.6	13		10	239	0.2	0.005	0.05	0.6	11	17.8
RDU_SM_DDH11-19	RDU_SM_613335	ASSAY	WHI11001696	86.5	88		3.63	0.9	0.3	169.8	26		10	256	0.3	0.005	0.05	0.5	12	8.8
RDU_SM_DDH11-19	RDU_SM_613336	ASSAY	WHI11001696	88	89.5		4.22	0.7	0.25	65.6	15		10	223	0.3	0.005	0.05	0.5	11	10.1
RDU_SM_DDH11-19	RDU_SM_613337	ASSAY	WHI11001696	89.5	91		4.83	0.8	0.25	17.5	11		10	368	0.2	0.005	0.05	0.4	9	8.1
RDU_SM_DDH11-19	RDU_SM_613338	ASSAY	WHI11001696	91	92.5		4.18	0.8	0.27	34	16		10	239	0.2	0.005	0.05	0.4	15	20.6
RDU_SM_DDH11-19	RDU_SM_613339	ASSAY	WHI11001696	92.5	94		2.22	0.7	0.23	235.7	14		10	178	0.1	0.005	0.05	0.8	10	10.9
RDU_SM_DDH11-19	RDU_SM_613340	FieldDup	WHI11001696	92.5	94	DUP of 613339	2.28	0.9	0.27	289.4	19		10	206	0.2	0.005	0.05	0.4	15	10.3
RDU_SM_DDH11-19	RDU_SM_613341	ASSAY	WHI11001696	94	95.5		3.75	1.2	0.28	217.9	26		10	281	0.2	0.005	0.05	0.3	13	12.3
RDU_SM_DDH11-19	RDU_SM_613342	ASSAY	WHI11001696	95.5	97		4.32	1.6	0.24	56.1	68		10	218	0.4	0.005	0.05	0.3	13	4.6
RDU_SM_DDH11-19	RDU_SM_613343	ASSAY	WHI11001696	97	98.5		4.95	0.8	0.29	650.7	27		10	229	0.2	0.03	0.2	0.4	17	10.1
RDU_SM_DDH11-19	RDU_SM_613344	ASSAY	WHI11001696	98.5	100		3.88	0.8	0.32	243.8	37		10	249	0.2	0.005	0.05	1	18	13.1
RDU_SM_DDH11-19	RDU_SM_613345	ASSAY	WHI11001696	100	101.5		4.76	0.8	0.32	54.4	20		10	279	0.4	0.005	0.2	1.1	16	7.8
RDU_SM_DDH11-19	RDU_SM_613346	ASSAY	WHI11001696	101.5	103		4.04	1.1	0.41	1393	73		10	255	0.1	0.005	0.05	1.2	17	29.4
RDU_SM_DDH11-19	RDU_SM_613347	ASSAY	WHI11001696	103	104.5		4.27	1	0.35	265.5	28		10	251	0.4	0.005	0.05	0.8	17	14.3
RDU_SM_DDH11-19	RDU_SM_613348	ASSAY	WHI11001696	104.5	106		4.6	0.7	0.38	72	19		10	229	0.2	0.005	0.05	1.1	13	20.5
RDU_SM_DDH11-19	RDU_SM_613350	ASSAY	WHI11001696	106	107.5		4.24	0.8	0.34	518.4	24		10	238	0.2	0.005	0.05	0.9	13	18.6
RDU_SM_DDH11-19	RDU_SM_613351	ASSAY	WHI11001696	107.5	109		4.37	0.6	0.35	175.3	14		10	170	0.2	0.005	0.05	2.2	22	39
RDU_SM_DDH11-19	RDU_SM_613352	ASSAY	WHI11001696	109	110.51		4.2	0.7	0.37	464.9	17		10	238	0.3	0.005	0.05	1.4	11	12.1
RDU_SM_DDH11-19	RDU_SM_613353	ASSAY	WHI11001696	110.51	112		4.18	0.7	0.41	86.3	4		10	204	0.3	0.005	0.05	0.8	23	27.5
RDU_SM_DDH11-19	RDU_SM_613354	ASSAY	WHI11001696	112	113.5		4.09	0.4	0.28	46	1		10	123	0.2	0.005	0.05	0.7	13	14.9
RDU_SM_DDH11-19	RDU_SM_613355	ASSAY	WHI11001696	113.5	115		4.3	0.8	0.43	584.2	31		10	244	0.1	0.005	0.05	0.5	17	25.3
RDU_SM_DDH11-19	RDU_SM_613356	ASSAY	WHI11001696	115	116.5		4.31	1.2	0.39	1387.4	18		10	213	0.1	0.005	0.1	1	13	50
RDU_SM_DDH11-19	RDU_SM_613357	ASSAY	WHI11001696	116.5	118		4.38	1.4	0.44	284.5	58		10	252	0.3	0.005	0.05	0.6	12	22.2
RDU_SM_DDH11-19	RDU_SM_613358	ASSAY	WHI11001696	118	119.5		4.51	1.1	0.33	359.1	57		10	227	0.2	0.005	0.05	0.9	13	10.6
RDU_SM_DDH11-19	RDU_SM_613360	ASSAY	WHI11001696	119.5	121		4.24	0.6	0.34	194.6	14		10	169	0.1	0.005	0.05	3.7	14	47.6
RDU_SM_DDH11-19	RDU_SM_613361	ASSAY	WHI11001696	121	122.5		4.51	0.9	0.42	346.2	32		10	351	0.2	0.005	0.05	1	20	17.4
RDU_SM_DDH11-19	RDU_SM_613362	ASSAY	WHI11001696	122.5	124		3.83	1.3	0.37	285.6	42		10	371	0.3	0.005	0.05	1.4	22	30.2
RDU_SM_DDH11-19	RDU_SM_613363	ASSAY	WHI11001696	124	125.5		4.21	1.5	0.4	136.6	57		10	443	0.3	0.005	0.05	1.9	18	19.9
RDU_SM_DDH11-19	RDU_SM_613364	ASSAY	WHI11001696	125.5	127		4.62	1.4	0.35	470	59		10	543	0.3	0.005	0.05	1.3	18	12.4
RDU_SM_DDH11-19	RDU_SM_613365	ASSAY	WHI11001696	127	128.5		4.38	0.7	0.32	54.9	19		10	363	0.2	0.005	0.05	1	9	5.9
RDU_SM_DDH11-19	RDU_SM_613366	ASSAY	WHI11001696	128.5	130		5.08	0.5	0.23	27.3	6		10	423	0.1	0.01	0.05	0.7	12	5.8
RDU_SM_DDH11-19	RDU_SM_613367	ASSAY	WHI11001696	130	131.5		4.66	0.5	0.27	42.5	11		10	573	0.1	0.01	0.05	0.9	14	9.2
RDU_SM_DDH11-19	RDU_SM_613368	ASSAY	WHI11001696	131.5	133		3.82	0.4	0.22	26.7	21		10	368	0.1	0.01	0.05	0.9	13	6.6
RDU_SM_DDH11-19	RDU_SM_613369	ASSAY	WHI11001696	133	134.5		2.5	0.9	0.23	26.4	13		10	293	0.1	0.005	0.05	0.8	12	8.7
RDU_SM_DDH11-19	RDU_SM_613370	FieldDup	WHI11001737	133	134.5	DUP of 613369	2.85	0.9	0.1	24.6	8		10	185	0.1	0.01	0.05	0.3	5	5.6
RDU_SM_DDH11-19	RDU_SM_613371	ASSAY	WHI11001737	134.5	136		3.88	0.7	0.14	66.5	11		10	142	0.1	0.005	0.05	0.7	14	8.2
RDU_SM_DDH11-19	RDU_SM_613372	ASSAY	WHI11001737	136	137.5		4.2	0.8	0.15	337.6	6		10	145	0.1	0.005	0.05	0.7	17	8.6
RDU_SM_DDH11-19	RDU_SM_613373	ASSAY	WHI11001737	137.5	139.22		4.87	1	0.15	585.6	22		10	142	0.05	0.005	0.05	0.4	25	14.2
RDU_SM_DDH11-19	RDU_SM_613374	ASSAY	WHI11001737	139.22	140.57		4.18	2.6	0.03	486.3	29		10	88	0.1	0.01	0.05	0.6	3	14.1
RDU_SM_DDH11-19	RDU_SM_613375	ASSAY	WHI11001737	140.57	141.92		3.21	1.1	0.05	10000	44		10	111	0.05	0.005	0.05	1.7	19	147.6

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-19	0.56	2	0.06	0.07	3	0.005	16	2.5	0.004	1.2	0.014	15.8	0.07	0.8	1	1.2	37	1.9	0.0005	0.2	0.1	11	0.1	4
RDU_SM_DDH11-19	0.75	1	0.09	0.05	3	0.005	13	2.4	0.004	1.1	0.012	10.1	0.025	0.5	0.6	0.9	25	1.6	0.0005	0.05	0.1	9	1	2
RDU_SM_DDH11-19	1.42	3	0.15	0.14	3	0.005	15	6.3	0.005	2.7	0.028	377.9	0.25	0.9	1.3	4	30	2.3	0.0005	0.2	0.1	28	0.3	13
RDU_SM_DDH11-19	0.78	1	0.12	0.05	2	0.005	16	2.4	0.004	1	0.018	20.6	0.025	1.2	0.6	2.6	34	1.6	0.0005	0.05	0.1	18	0.2	2
RDU_SM_DDH11-19	1.42	3	0.13	0.04	2	0.005	16	3.3	0.003	0.7	0.016	30.1	0.025	1.3	0.8	1.8	25	1.1	0.0005	0.05	0.1	20	0.2	3
RDU_SM_DDH11-19	1.18	2	0.13	0.07	2	0.005	12	4.6	0.002	0.9	0.016	90	0.1	1.5	0.8	2	30	1.3	0.0005	0.2	0.1	23	0.2	2
RDU_SM_DDH11-19	0.77	2	0.1	0.11	3	0.005	9	2.1	0.005	0.5	0.012	20.8	0.22	1.2	0.7	1.1	39	2	0.0005	0.4	0.1	12	0.2	1
RDU_SM_DDH11-19	0.89	2	0.16	0.1	3	0.005	9	3.6	0.004	1.7	0.022	122.5	0.22	1.2	2	1.4	45	1.9	0.0005	0.4	0.1	17	0.2	8
RDU_SM_DDH11-19	0.71	2	0.17	0.09	2	0.005	10	1.6	0.004	1.1	0.015	32.2	0.16	0.9	1.8	1.8	26	1.4	0.0005	0.2	0.1	11	0.1	2
RDU_SM_DDH11-19	0.45	1	0.14	0.06	2	0.005	15	2.2	0.003	0.9	0.014	20	0.08	1.2	0.6	1.4	36	1.3	0.0005	0.2	0.1	10	0.1	2
RDU_SM_DDH11-19	0.95	2	0.14	0.08	3	0.005	13	3.5	0.004	0.5	0.023	23.2	0.13	1.1	0.9	2	38	1.6	0.0005	0.3	0.1	21	0.2	2
RDU_SM_DDH11-19	0.65	2	0.08	0.1	3	0.005	13	2.5	0.004	0.7	0.021	15.8	0.13	0.6	3.4	1.4	31	1.9	0.0005	0.2	0.1	12	0.2	2
RDU_SM_DDH11-19	0.81	2	0.12	0.12	4	0.005	13	3.6	0.004	0.7	0.023	18.5	0.16	0.7	3.9	2.2	36	2.4	0.0005	0.2	0.1	16	0.2	2
RDU_SM_DDH11-19	0.75	2	0.14	0.13	5	0.01	14	3.5	0.005	0.7	0.027	32.2	0.11	0.9	6	2	34	3.5	0.0005	0.2	0.1	18	0.2	2
RDU_SM_DDH11-19	0.54	1	0.08	0.13	4	0.01	13	2.5	0.005	0.7	0.014	83.7	0.14	1.2	2.1	1.4	14	1.4	0.0005	0.1	0.1	13	0.1	1
RDU_SM_DDH11-19	1.58	3	0.1	0.22	6	0.01	22	6	0.005	1.6	0.034	47	0.33	1.2	2.8	2	19	3.2	0.0005	0.3	0.1	27	0.3	25
RDU_SM_DDH11-19	1.68	2	0.26	0.25	6	0.02	41	7.5	0.007	3.2	0.029	20.2	0.33	1.4	3.3	4	19	3.4	0.001	0.5	0.1	42	0.6	24
RDU_SM_DDH11-19	1.63	2	0.11	0.29	9	0.02	53	5	0.008	2.1	0.017	32.6	0.36	0.8	1.3	2.3	19	5	0.002	0.4	0.1	20	0.3	29
RDU_SM_DDH11-19	2.31	2	0.31	0.31	8	0.02	45	6	0.008	4.2	0.059	15.3	0.55	2.2	5.1	3.4	14	3.7	0.001	0.7	0.1	43	0.6	23
RDU_SM_DDH11-19	1.6	2	0.18	0.23	5	0.01	45	4.5	0.007	1.8	0.024	29.5	0.43	1.4	2.9	1.7	22	2.9	0.0005	0.5	0.1	21	0.4	7
RDU_SM_DDH11-19	1.33	2	0.17	0.17	7	0.01	46	3.9	0.005	3.9	0.015	22.9	0.24	1.1	2.3	1.9	25	3.9	0.0005	0.4	0.1	26	0.3	17
RDU_SM_DDH11-19	1.22	2	0.14	0.19	5	0.02	46	6.5	0.004	2	0.025	30.4	0.15	1.8	3.9	3.1	24	2.7	0.002	0.2	0.1	27	0.4	19
RDU_SM_DDH11-19	2.15	2	0.09	0.17	6	0.01	70	8.9	0.004	9.1	0.038	22	0.2	1.7	3.7	2.4	22	3.1	0.001	0.3	0.1	62	0.4	84
RDU_SM_DDH11-19	1.21	2	0.18	0.23	13	0.02	50	4.7	0.007	2.4	0.035	29.4	0.14	0.6	4.7	1.8	14	5.1	0.002	0.2	0.1	20	0.3	46
RDU_SM_DDH11-19	1.42	2	0.07	0.22	12	0.02	46	3.4	0.006	6.4	0.038	18.5	0.25	0.9	3.4	1.5	14	5	0.001	0.2	0.1	31	0.3	16
RDU_SM_DDH11-19	0.75	1	0.04	0.13	5	0.02	48	3	0.005	3.6	0.027	14.3	0.08	0.9	2.8	0.7	9	1.8	0.001	0.1	0.1	18	0.2	2
RDU_SM_DDH11-19	1.1	2	0.06	0.2	9	0.02	32	3.2	0.007	2.9	0.032	22.8	0.2	1	5.6	2	24	4.1	0.001	0.3	0.1	24	0.2	3
RDU_SM_DDH11-19	1.38	2	0.13	0.19	18	0.02	42	5.6	0.007	3	0.038	21.1	0.07	1.1	5.2	4.1	12	6.8	0.001	0.2	0.1	23	0.3	18
RDU_SM_DDH11-19	0.93	2	0.18	0.2	12	0.02	27	4.7	0.006	1.9	0.018	34	0.14	0.9	1.9	4.4	20	4.5	0.001	0.4	0.1	19	0.3	3
RDU_SM_DDH11-19	0.87	2	0.11	0.19	6	0.02	33	4.3	0.005	2.7	0.04	38.2	0.2	0.8	4.3	2.5	22	2.5	0.002	0.3	0.1	18	0.4	5
RDU_SM_DDH11-19	1.97	2	0.06	0.21	9	0.02	147	4.2	0.006	10	0.02	21.5	0.2	0.6	2.7	1	14	3.9	0.001	0.3	0.1	28	0.3	62
RDU_SM_DDH11-19	2.1	4	0.15	0.27	6	0.02	67	8.7	0.007	3	0.024	33.6	0.49	1.1	3.1	3.5	37	3.3	0.001	0.4	0.1	36	0.3	37
RDU_SM_DDH11-19	2.12	4	0.19	0.25	7	0.02	63	13.4	0.007	4.2	0.037	54.1	0.35	1.3	3.8	6.4	40	4	0.002	0.4	0.1	42	0.4	46
RDU_SM_DDH11-19	2.55	4	0.23	0.32	8	0.02	102	8.1	0.011	4.4	0.027	42	0.49	1.5	2.1	3.6	40	4	0.002	0.6	0.1	37	0.3	71
RDU_SM_DDH11-19	1.98	3	0.15	0.35	11	0.02	61	7.9	0.012	3.9	0.028	56.1	0.43	1.2	1.8	2.4	34	4.6	0.003	0.5	0.1	24	0.4	43
RDU_SM_DDH11-19	0.75	1	0.12	0.2	14	0.02	43	4.2	0.008	1.6	0.006	22.8	0.15	0.2	0.8	1.2	10	4.3	0.002	0.2	0.1	13	0.1	12
RDU_SM_DDH11-19	0.7	1	0.07	0.14	7	0.02	40	2.9	0.006	2.9	0.008	25.9	0.11	0.2	0.5	1.1	13	2.2	0.002	0.2	0.1	18	0.1	3
RDU_SM_DDH11-19	1.03	2	0.05	0.19	7	0.03	42	3.7	0.007	1.9	0.018	29.9	0.18	0.4	0.7	2.7	19	2.6	0.003	0.2	0.1	23	0.2	3
RDU_SM_DDH11-19	0.79	1	0.03	0.17	6	0.02	37	3.5	0.007	2.6	0.013	18.7	0.16	0.5	0.7	2.4	10	2	0.003	0.1	0.1	16	0.1	3
RDU_SM_DDH11-19	0.94	1	0.08	0.19	6	0.02	49	2.6	0.007	2	0.015	30.8	0.19	0.5	1.3	2.8	18	1.6	0.002	0.3	0.1	13	0.2	3
RDU_SM_DDH11-19	0.66	0.5	0.06	0.13	4	0.01	25	2.4	0.005	0.7	0.011	20.7	0.16	0.5	0.5	2.3	10	1.3	0.001	0.2	0.1	7	0.2	2
RDU_SM_DDH11-19	0.99	1	0.12	0.15	2	0.01	20	3.7	0.006	0.7	0.023	16.4	0.24	0.5	2.1	3.2	24	1.2	0.001	0.3	0.1	10	0.2	2
RDU_SM_DDH11-19	0.9	2	0.09	0.11	4	0.005	16	2.9	0.002	0.7	0.064	17.3	0.19	1.4	2.6	1.9	18	1.6	0.0005	0.2	0.1	12	0.2	2
RDU_SM_DDH11-19	1.55	2	0.12	0.15	3	0.005	25	4.6	0.005	0.9	0.075	18.9	0.28	2.1	6.4	4.6	31	1.4	0.001	0.4	0.1	14	0.3	2
RDU_SM_DDH11-19	1	0.5	0.19	0.08	0.5	0.005	23	1	0.0005	0.5	0.046	6.7	0.12	2.1	3.3	5	2	0.3	0.001	0.3	0.1	11	0.2	0.5
RDU_SM_DDH11-19	1.93	0.5	0.12	0.08	0.5	0.005	32	1.1	0.002	3	0.069	8.5	0.51	5.6	6.8	7.2	5	0.4	0.002	0.2	1	5	0.3	3

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-19	RDU_SM_613376	ASSAY	WHI11001737	141.92	143.5		4.45	0.9	0.29	1821.5	38		10	116	0.05	0.005	0.05	4.3	12	69.6
RDU_SM_DDH11-19	RDU_SM_613377	ASSAY	WHI11001737	143.5	145		4.04	1.2	0.3	2270.8	2817		10	84	0.4	0.01	0.2	4.2	17	88.6
RDU_SM_DDH11-19	RDU_SM_613378	ASSAY	WHI11001737	145	146.5		4.01	0.3	0.3	338	10		10	93	0.05	0.01	0.05	4.8	9	116
RDU_SM_DDH11-19	RDU_SM_613380	ASSAY	WHI11001737	146.5	148		4.58	0.4	0.57	80.9	11		10	110	0.05	0.14	1.1	22.5	9	292.4
RDU_SM_DDH11-19	RDU_SM_613381	ASSAY	WHI11001737	148	149.5		4.69	0.7	0.48	2887.7	33		10	131	0.05	0.07	0.9	9.8	8	252.2
RDU_SM_DDH11-19	RDU_SM_613382	ASSAY	WHI11001737	149.5	151		4.54	0.6	0.59	1331.9	14		10	126	0.05	0.01	0.2	8.1	11	318
RDU_SM_DDH11-19	RDU_SM_613383	ASSAY	WHI11001737	151	152.67		4.45	0.4	0.37	1285.2	12		10	92	0.1	0.02	0.2	4.5	8	258.2
RDU_SM_DDH11-19	RDU_SM_613384	ASSAY	WHI11001737	152.67	153.8		2.85	1	0.13	999.9	21		10	58	0.2	0.005	0.05	6.7	17	52.5
RDU_SM_DDH11-19	RDU_SM_613385	ASSAY	WHI11001737	153.8	155.5		4.09	0.5	0.21	685.9	13		10	162	0.2	0.02	0.05	1	18	74
RDU_SM_DDH11-19	RDU_SM_613386	ASSAY	WHI11001737	155.5	157		4.53	0.7	0.17	118.3	11		10	121	0.1	0.005	0.05	2.7	9	44.5
RDU_SM_DDH11-19	RDU_SM_613387	ASSAY	WHI11001737	157	158.5		3.68	0.5	0.17	474.2	6		10	72	0.2	0.03	0.05	0.7	23	28.7
RDU_SM_DDH11-19	RDU_SM_613388	ASSAY	WHI11001737	158.5	160		3.37	0.6	0.2	662.6	3		10	68	0.2	0.03	0.05	0.5	20	26.2
RDU_SM_DDH11-19	RDU_SM_613390	ASSAY	WHI11001737	160	161.54		4.28	0.5	0.35	45.9	6		10	98	0.2	0.06	0.05	1.8	16	212.6
RDU_SM_DDH11-19	RDU_SM_613391	ASSAY	WHI11001737	161.54	163		4.47	0.2	0.4	9.3	2		10	65	0.1	0.005	0.2	6.9	9	273.9
RDU_SM_DDH11-19	RDU_SM_613392	ASSAY	WHI11001737	163	164.59		5.09	0.3	0.42	6.2	1		10	87	0.2	0.04	0.2	13.8	15	128.4
RDU_SM_DDH11-19	RDU_SM_613393	ASSAY	WHI11001737	164.59	166.1		4.63	0.3	0.29	7	1		10	78	0.2	0.005	0.3	12.4	12	115.3
RDU_SM_DDH11-19	RDU_SM_613394	ASSAY	WHI11001737	166.1	167.64		4.36	0.5	0.27	28.4	7		10	99	0.2	0.005	0.4	6.3	18	90.9
RDU_SM_DDH11-19	RDU_SM_613395	ASSAY	WHI11001737	167.64	169		3.96	1.8	0.26	21.7	18		10	92	1.6	0.05	0.1	4.8	11	33.5
RDU_SM_DDH11-19	RDU_SM_613396	ASSAY	WHI11001737	169	170.5		4.44	0.4	0.2	95.4	7		10	100	0.1	0.09	0.1	1.9	9	24.2
RDU_SM_DDH11-19	RDU_SM_613397	ASSAY	WHI11001737	170.5	172		4.48	0.7	0.22	90.8	12		10	123	0.3	0.005	0.05	3.3	16	41.7
RDU_SM_DDH11-19	RDU_SM_613398	ASSAY	WHI11001737	172	173.5		4.4	0.4	0.28	8.4	5		10	72	0.1	0.005	0.1	6.5	10	103.5
RDU_SM_DDH11-19	RDU_SM_613399	ASSAY	WHI11001737	173.5	175		2.13	0.3	0.79	26	4		10	144	0.2	0.005	0.2	10.2	14	364.9
RDU_SM_DDH11-19	RDU_SM_613400	FieldDup	WHI11001737	173.5	175	DUP of 613399	2.25	0.3	0.71	29.7	7		10	171	0.2	0.005	0.1	9.4	15	308
RDU_SM_DDH11-19	RDU_SM_613401	ASSAY	WHI11001737	175	176.5		4.16	0.6	0.32	70	13		10	188	0.2	0.005	0.1	2.4	17	224.1
RDU_SM_DDH11-19	RDU_SM_613402	ASSAY	WHI11001737	176.5	178		4.08	0.3	0.64	16.3	4		10	88	0.05	0.005	0.3	10.1	10	180.6
RDU_SM_DDH11-19	RDU_SM_613403	ASSAY	WHI11001737	178	179.5		4.43	0.4	0.35	29.7	6		10	94	0.2	0.03	0.3	9.4	8	115.4
RDU_SM_DDH11-19	RDU_SM_613404	ASSAY	WHI11001737	179.5	181		3.86	0.2	0.36	7.1	5		10	73	0.1	0.01	0.4	13.4	7	125.6
RDU_SM_DDH11-19	RDU_SM_613405	ASSAY	WHI11001737	181	182.5		4.31	0.3	0.41	72.2	41		10	76	0.1	0.005	0.2	11.5	10	129.6
RDU_SM_DDH11-19	RDU_SM_613406	ASSAY	WHI11001737	182.5	184		3.45	0.6	0.28	190.5	34		10	54	0.2	0.005	0.05	2	13	156.4
RDU_SM_DDH11-19	RDU_SM_613407	ASSAY	WHI11001737	184	185.5		4.22	0.4	0.32	923.3	25		10	94	0.2	0.005	0.1	2.4	11	99.9
RDU_SM_DDH11-19	RDU_SM_613408	ASSAY	WHI11001737	185.5	187		3.32	0.4	0.35	690.9	18		10	107	0.1	0.005	0.1	3.7	10	93.4
RDU_SM_DDH11-19	RDU_SM_613410	ASSAY	WHI11001737	187	188.5		3.2	0.5	0.41	536.6	55		10	82	0.1	0.005	0.1	2.5	15	113.2
RDU_SM_DDH11-19	RDU_SM_613411	ASSAY	WHI11001737	188.5	190		4.17	0.4	0.44	224.2	41		10	100	0.1	0.005	0.3	8.7	18	162.7
RDU_SM_DDH11-19	RDU_SM_613412	ASSAY	WHI11001737	190	191.5		2.88	1.1	0.35	3374.2	264		10	105	0.4	0.005	0.2	3.2	12	136.8
RDU_SM_DDH11-19	RDU_SM_613413	ASSAY	WHI11001737	191.5	193		4.21	0.3	1.26	175.9	9		10	84	0.1	0.02	0.5	46.5	14	250.2
RDU_SM_DDH11-19	RDU_SM_613414	ASSAY	WHI11001737	193	194.5		4.04	0.2	0.85	57.8	5		10	86	0.1	0.005	0.2	41.7	10	167.9
RDU_SM_DDH11-19	RDU_SM_613415	ASSAY	WHI11001737	194.5	196		2.2	0.3	0.74	113.8	9		10	127	0.2	0.01	0.2	19.6	19	148.1
RDU_SM_DDH11-19	RDU_SM_613416	ASSAY	WHI11001737	196	197.5		2.15	0.8	0.34	90.7	22		10	751	0.1	0.005	0.05	6.7	20	29.4
RDU_SM_DDH11-19	RDU_SM_613417	ASSAY	WHI11001737	197.5	199		4.46	0.3	0.45	298.5	13		10	160	0.3	0.005	0.5	12.7	9	105.1
RDU_SM_DDH11-19	RDU_SM_613418	ASSAY	WHI11001737	199	200.45		4.05	0.2	0.71	140.6	5		10	103	0.05	0.02	0.6	14.1	6	191.4
RDU_SM_DDH11-19	RDU_SM_613420	ASSAY	WHI11001737	200.45	201.63		3.73	0.4	0.39	988.3	10		10	68	0.1	0.01	0.4	5	7	217.4
RDU_SM_DDH11-19	RDU_SM_613421	ASSAY	WHI11001737	201.63	203.04		4.52	1.2	0.18	2750.7	18		10	50	0.4	0.005	0.05	0.8	4	108.2
RDU_SM_DDH11-19	RDU_SM_613422	ASSAY	WHI11001737	203.04	204		2.73	0.7	0.15	697.2	20		10	56	0.05	0.005	0.05	0.3	4	17.4
RDU_SM_DDH11-19	RDU_SM_613423	ASSAY	WHI11001737	204	205		3.53	4	0.14	3251.1	80		10	79	0.8	0.005	0.2	0.5	0.5	70.8
RDU_SM_DDH11-19	RDU_SM_613424	ASSAY	WHI11001737	205	206.5		4.58	0.5	0.3	603.4	9		10	54	0.3	0.02	0.05	3	5	107.6
RDU_SM_DDH11-19	RDU_SM_613425	ASSAY	WHI11001737	206.5	208		4.02	0.3	0.42	266.2	11		10	72	0.2	0.02	0.1	7.7	4	166.6

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-19	1.76	1	0.07	0.15	7	0.01	32	2.1	0.006	10.9	0.121	5.5	0.19	1.5	3.2	1.8	16	2.2	0.0005	0.4	0.1	25	0.4	36
RDU_SM_DDH11-19	2.11	0.5	0.08	0.1	6	0.01	55	3.1	0.006	15.2	0.09	94.9	0.09	2.1	2.5	1.8	13	2	0.0005	0.3	0.1	21	0.4	85
RDU_SM_DDH11-19	1.84	0.5	0.04	0.11	8	0.01	53	2.7	0.005	16.4	0.074	8	0.05	0.9	2.7	0.9	14	2.2	0.0005	0.1	0.1	17	0.3	77
RDU_SM_DDH11-19	5.08	0.5	0.06	0.15	12	0.03	1513	1.7	0.007	70.1	0.155	3.7	0.025	1.1	2.2	1.6	17	3.3	0.001	0.1	0.1	22	0.4	287
RDU_SM_DDH11-19	3.56	1	0.1	0.17	14	0.02	418	1.9	0.007	36.5	0.148	6.6	0.1	1.1	2.6	2	18	4.1	0.002	0.2	0.1	22	0.6	196
RDU_SM_DDH11-19	3.51	0.5	0.07	0.17	10	0.01	207	1.3	0.009	35.5	0.062	6.9	0.15	1.2	2.2	2.2	16	4.3	0.0005	0.2	0.1	16	0.6	180
RDU_SM_DDH11-19	2.72	0.5	0.05	0.12	10	0.01	108	4.1	0.005	19	0.081	9.7	0.09	0.8	2.2	1.1	11	3	0.0005	0.1	0.1	23	0.7	157
RDU_SM_DDH11-19	1.75	1	0.11	0.1	2	0.005	14	2.9	0.003	2.5	0.117	15.3	0.21	2.3	1.6	5	21	1.2	0.0005	0.4	0.1	17	0.4	5
RDU_SM_DDH11-19	1.72	2	0.09	0.1	4	0.005	25	8.4	0.004	5.9	0.137	23.8	0.19	1	1.9	4.1	30	1.6	0.0005	0.2	0.1	39	0.5	26
RDU_SM_DDH11-19	1.54	0.5	0.11	0.1	6	0.005	38	4.8	0.005	6.7	0.101	13.5	0.11	0.9	1.3	5.3	13	1.8	0.0005	0.3	0.1	20	0.3	82
RDU_SM_DDH11-19	1.36	0.5	0.04	0.08	5	0.005	16	7.2	0.004	2.6	0.288	26.5	0.13	0.7	2.1	3.1	20	1.8	0.001	0.2	0.1	19	0.4	14
RDU_SM_DDH11-19	1.81	1	0.04	0.11	6	0.005	13	3.8	0.004	1.3	0.234	26.1	0.21	1	3.9	2.6	32	2.2	0.0005	0.1	0.1	38	0.5	4
RDU_SM_DDH11-19	3.09	0.5	0.13	0.1	5	0.01	58	10.6	0.003	10.1	0.122	15.3	0.08	0.8	1.9	3.5	28	2.8	0.0005	0.2	0.1	48	0.3	176
RDU_SM_DDH11-19	2.68	0.5	0.02	0.1	8	0.005	106	0.4	0.004	41.9	0.035	6.8	0.06	0.4	1.6	1.1	5	4.1	0.0005	0.05	0.1	16	0.2	190
RDU_SM_DDH11-19	3.23	1	0.01	0.11	9	0.01	248	1.1	0.005	65.8	0.046	5.2	0.025	0.3	2.3	1.3	13	4.6	0.0005	0.05	0.1	19	0.2	180
RDU_SM_DDH11-19	3.29	1	0.03	0.11	9	0.005	334	1.4	0.004	37.4	0.027	6.6	0.025	0.2	2.4	0.7	11	4	0.0005	0.05	0.1	18	0.2	197
RDU_SM_DDH11-19	3.76	1	0.09	0.1	5	0.01	148	3.5	0.005	23.9	0.039	11.7	0.025	0.6	2.7	0.8	24	2.9	0.0005	0.2	0.1	39	0.2	174
RDU_SM_DDH11-19	1.45	0.5	0.07	0.1	6	0.005	52	2.8	0.005	12.7	0.067	192.7	0.025	0.5	2.9	3.4	26	2.7	0.0005	0.2	1.1	30	0.2	86
RDU_SM_DDH11-19	1.28	0.5	0.04	0.07	3	0.005	42	7.6	0.004	17.7	0.091	24.4	0.025	0.8	2.1	1	32	1.1	0.0005	0.05	0.1	55	0.3	72
RDU_SM_DDH11-19	2.45	0.5	0.06	0.08	5	0.01	97	11	0.003	25.4	0.061	20.5	0.06	1	2.6	1.2	33	2.1	0.0005	0.1	0.1	47	0.4	126
RDU_SM_DDH11-19	2.24	0.5	0.05	0.1	9	0.01	82	1.1	0.004	18.7	0.021	9.7	0.025	0.5	1.2	1	12	3.8	0.0005	0.1	0.1	17	0.2	127
RDU_SM_DDH11-19	3.26	1	0.04	0.09	6	0.01	103	4.5	0.002	81.9	0.024	11.2	0.09	0.5	2.4	2.7	31	3.5	0.0005	0.05	0.1	40	0.2	203
RDU_SM_DDH11-19	3.31	1	0.04	0.09	7	0.01	124	5.4	0.002	77.7	0.027	11.7	0.08	0.9	2.3	1.3	39	3.5	0.0005	0.05	0.1	40	0.2	203
RDU_SM_DDH11-19	2.99	1	0.17	0.06	4	0.005	82	14.6	0.001	12.6	0.048	22.3	0.025	1.1	3.3	4.9	44	2	0.0005	0.1	0.1	72	0.4	129
RDU_SM_DDH11-19	3.09	1	0.01	0.14	8	0.02	179	1.2	0.006	64.7	0.037	5.9	0.025	0.4	1.7	0.9	8	4	0.0005	0.05	0.1	21	0.2	189
RDU_SM_DDH11-19	3.53	1	0.03	0.16	9	0.02	147	4.2	0.005	33.6	0.053	7.4	0.025	0.2	1.4	2.8	11	4.4	0.001	0.05	0.1	17	0.2	223
RDU_SM_DDH11-19	3.68	0.5	0.02	0.14	8	0.02	308	1.8	0.004	59.9	0.045	4.2	0.025	0.2	1.7	1.4	7	3.3	0.0005	0.05	0.1	12	0.2	236
RDU_SM_DDH11-19	5.1	0.5	0.04	0.14	7	0.01	209	3.4	0.004	52.8	0.033	8.6	0.05	0.5	2.7	1.5	9	3.1	0.0005	0.05	0.1	21	0.3	271
RDU_SM_DDH11-19	3.59	0.5	0.09	0.06	3	0.005	52	10.2	0.001	6	0.049	23.6	0.05	2.1	2.3	3.1	16	1.8	0.0005	0.2	0.1	35	0.3	83
RDU_SM_DDH11-19	3.5	1	0.09	0.11	7	0.01	55	3	0.003	10.7	0.039	45.5	0.06	0.7	2.5	1.8	14	3.1	0.0005	0.2	0.1	26	0.2	109
RDU_SM_DDH11-19	3.42	0.5	0.05	0.14	10	0.02	75	2	0.005	15.4	0.055	13.1	0.025	0.5	2.3	2.7	11	3.9	0.0005	0.2	0.1	21	0.3	168
RDU_SM_DDH11-19	3.02	1	0.06	0.12	7	0.01	42	6.5	0.004	12.7	0.064	47.8	0.08	0.7	2.7	1.7	17	3	0.0005	0.3	0.1	45	0.2	109
RDU_SM_DDH11-19	5.01	1	0.05	0.14	8	0.01	175	2.2	0.005	31	0.065	16.7	0.07	0.3	4.1	0.9	15	3.4	0.0005	0.1	0.1	33	0.3	325
RDU_SM_DDH11-19	2.49	0.5	0.09	0.13	9	0.01	64	2.2	0.004	15.4	0.055	97.4	0.05	0.7	3.8	2.9	14	3.1	0.0005	0.3	0.1	22	0.3	115
RDU_SM_DDH11-19	9.39	1	0.03	0.15	21	0.02	929	1.2	0.003	156.9	0.124	11.8	0.09	0.6	4.6	0.9	16	7.9	0.001	0.2	0.1	31	0.3	748
RDU_SM_DDH11-19	8.6	1	0.04	0.18	25	0.02	660	0.8	0.004	99	0.061	8	0.11	0.4	3.8	1.7	17	9.7	0.001	0.1	0.1	18	0.3	710
RDU_SM_DDH11-19	5.21	1	0.03	0.13	17	0.02	446	1.5	0.005	71.9	0.082	10.4	0.11	0.4	3.9	1.4	17	6.1	0.0005	0.1	0.1	27	0.3	426
RDU_SM_DDH11-19	2.49	1	0.14	0.1	7	0.02	134	8.7	0.003	30.4	0.066	20.7	0.06	1.2	4.3	8.8	83	2.5	0.002	0.3	0.1	58	0.4	157
RDU_SM_DDH11-19	3.42	1	0.04	0.15	13	0.02	325	2.6	0.007	41.6	0.052	23.9	0.06	0.3	2.8	1.5	21	4.8	0.0005	0.1	0.1	25	0.2	185
RDU_SM_DDH11-19	3.98	1	0.04	0.21	18	0.02	252	0.6	0.009	43.8	0.046	28.6	0.025	0.3	2.1	1	10	8.1	0.002	0.05	0.1	13	0.2	227
RDU_SM_DDH11-19	2.68	0.5	0.06	0.11	10	0.005	76	1.2	0.005	20.2	0.055	42.3	0.05	0.4	1.9	0.7	9	5	0.0005	0.1	0.1	14	0.3	130
RDU_SM_DDH11-19	0.96	0.5	0.06	0.07	5	0.005	22	1.9	0.004	1.5	0.048	144.5	0.05	1.2	1.3	1.1	6	1.7	0.0005	0.2	0.1	9	0.2	5
RDU_SM_DDH11-19	0.71	0.5	0.11	0.08	7	0.005	12	1.5	0.005	0.9	0.031	159.1	0.07	0.5	1	1.6	10	2.1	0.0005	0.2	0.1	8	0.1	3
RDU_SM_DDH11-19	1.02	0.5	0.18	0.11	5	0.005	26	4.4	0.004	0.8	0.067	2190.6	0.13	2.8	1.5	7.6	6	1.3	0.001	0.3	0.6	6	0.4	6
RDU_SM_DDH11-19	1.65	0.5	0.05	0.1	10	0.005	45	5.1	0.005	15.2	0.078	34.1	0.06	0.4	1.1	0.25	10	3	0.0005	0.1	0.1	11	0.2	94
RDU_SM_DDH11-19	2.63	0.5	0.03	0.13	9	0.01	142	2.8	0.006	34	0.051	24.4	0.025	0.3	1.5	2	8	2.9	0.0005	0.05	0.1	11	0.2	172

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-19	RDU_SM_613426	ASSAY	WHI11001737	208	209.5		4.04	0.2	0.42	1005.9	79		10	69	0.1	0.09	2.9	14.1	7	125.8
RDU_SM_DDH11-19	RDU_SM_613427	ASSAY	WHI11001737	209.5	211		4.09	0.3	0.7	77.4	5		10	82	0.1	0.08	3.1	22	8	168.8
RDU_SM_DDH11-19	RDU_SM_613428	ASSAY	WHI11001737	211	212.5		4.51	8.4	0.38	116.6	3		10	56	0.4	0.03	0.4	2.8	7	65.1
RDU_SM_DDH11-19	RDU_SM_613429	ASSAY	WHI11001737	212.5	214		1.96	0.4	0.7	199.3	4		10	74	0.3	0.03	0.1	2.8	6	114.4
RDU_SM_DDH11-19	RDU_SM_613430	FieldDup	WHI11001737	212.5	214	DUP of 613429	1.8	0.4	0.63	167.2	9		10	70	0.3	0.03	0.05	3.2	8	124.1
RDU_SM_DDH11-19	RDU_SM_613431	ASSAY	WHI11001737	214	215.5		4.15	0.5	0.43	34.9	3		10	77	0.3	0.05	0.5	10.8	8	109.2
RDU_SM_DDH11-19	RDU_SM_613432	ASSAY	WHI11001737	215.5	217		4.08	0.1	0.42	90	1		10	88	0.2	0.08	2	15.8	7	59.3
RDU_SM_DDH11-19	RDU_SM_613433	ASSAY	WHI11001737	217	218.5		4.22	0.5	0.34	135.2	1		10	80	0.2	0.02	0.8	7.9	7	41.8
RDU_SM_DDH11-19	RDU_SM_613434	ASSAY	WHI11001737	218.5	220.06		4.21	0.2	0.26	191.2	3		10	67	0.2	0.02	0.2	3.7	5	75.1
RDU_SM_DDH11-19	RDU_SM_613435	ASSAY	WHI11001737	220.06	221.5		4.22	0.4	0.48	555.7	13		10	96	0.4	0.07	0.4	13.7	10	159
RDU_SM_DDH11-19	RDU_SM_613436	ASSAY	WHI11001737	221.5	223		3.88	0.7	0.43	603.9	17		10	67	0.4	0.05	0.1	6.1	9	74.1
RDU_SM_DDH11-19	RDU_SM_613437	ASSAY	WHI11001737	223	224.5		4.82	0.9	0.43	5493.2	51		10	132	0.3	0.01	0.7	8.7	10	92.2
RDU_SM_DDH11-19	RDU_SM_613438	ASSAY	WHI11001737	224.5	226		2.86	1.3	0.29	3656.1	4459		10	130	0.2	0.005	0.4	5.8	6	69
RDU_SM_DDH11-19	RDU_SM_613440	ASSAY	WHI11001737	226	227		3.87	1.2	0.34	2426.7	100		10	117	0.3	0.005	0.1	4.7	6	33.2
RDU_SM_DDH11-19	RDU_SM_613441	ASSAY	WHI11001737	227	228.6		2.84	0.6	0.29	6817	464		10	121	0.1	0.005	0.3	1.9	6	193.4
RDU_SM_DDH11-19	RDU_SM_613442	ASSAY	WHI11001737	228.6	230		4.14	0.3	0.54	708.7	11		10	115	0.1	0.005	0.3	18	9	95.5
RDU_SM_DDH11-19	RDU_SM_613443	ASSAY	WHI11001737	230	231.5		5.39	0.4	0.32	3468	19		10	116	0.2	0.01	0.4	5.4	7	61.2
RDU_SM_DDH11-19	RDU_SM_613444	ASSAY	WHI11001737	231.5	233.05		4.16	0.7	0.31	582.6	32		10	95	0.4	0.04	0.05	2.9	6	40.7
RDU_SM_DDH11-19	RDU_SM_613445	ASSAY	WHI11001737	233.05	234.5		3.8	0.5	0.48	172	19		10	87	0.2	0.01	0.05	8.7	13	140.2
RDU_SM_DDH11-19	RDU_SM_613446	ASSAY	WHI11001737	234.5	236		3.88	0.5	0.75	399.3	15		10	75	0.1	0.02	0.6	30.6	11	143
RDU_SM_DDH11-19	RDU_SM_613447	ASSAY	WHI11001737	236	237.5		3.97	0.6	0.53	591.8	7		10	68	0.2	0.02	0.4	22.1	10	154.3
RDU_SM_DDH11-19	RDU_SM_613448	ASSAY	WHI11001737	237.5	239		4.26	0.7	0.5	254.2	20		10	70	0.3	0.07	0.4	17.9	8	110.5
RDU_SM_DDH11-19	RDU_SM_613450	ASSAY	WHI11001737	239	239.88		2.51	0.9	0.49	4770.8	67		10	109	0.2	0.05	3.2	23.4	9	97
RDU_SM_DDH11-19	RDU_SM_613451	ASSAY	WHI11001737	239.88	240.93		2.92	6.7	0.31	10000	886		10	24	0.4	0.02	0.4	72.8	8	120.4
RDU_SM_DDH11-19	RDU_SM_613452	ASSAY	WHI11001737	240.93	242.5		5.33	0.2	0.37	4327.2	9		10	110	0.05	0.13	1	11.2	5	58.2
RDU_SM_DDH11-19	RDU_SM_613453	ASSAY	WHI11001737	242.5	244		4.09	0.3	0.42	424.7	4		10	108	0.1	0.08	0.6	15.2	8	55
RDU_SM_DDH11-19	RDU_SM_613454	ASSAY	WHI11001737	244	245.46		4.17	0.5	0.34	64.1	8		10	268	0.2	0.1	2.4	21	12	46.7
RDU_SM_DDH11-19	RDU_SM_613455	ASSAY	WHI11001737	245.46	246.34		2.35	0.8	0.32	5816.3	66		10	221	0.5	0.26	2.4	31	15	97.3
RDU_SM_DDH11-19	RDU_SM_613456	ASSAY	WHI11001737	246.34	247		1.89	0.5	0.28	175.1	7		10	191	0.2	0.64	5.1	18.2	16	80.1
RDU_SM_DDH11-19	RDU_SM_613457	ASSAY	WHI11001737	247	248.51		4.32	0.7	0.33	126.3	41		10	159	0.3	0.93	3.9	17.3	14	85.8
RDU_SM_DDH11-19	RDU_SM_613458	ASSAY	WHI11001737	248.51	250		3.99	0.4	0.41	110.1	12		10	95	0.1	0.08	0.6	8.3	7	121.7
RDU_SM_DDH11-19	RDU_SM_613459	ASSAY	WHI11001737	250	251.53		2.09	0.5	0.38	73.9	9		10	94	0.1	0.1	1.4	17.7	9	89
RDU_SM_DDH11-19	RDU_SM_613460	FieldDup	WHI11001737	250	251.53	DUP of 613459	1.93	0.4	0.4	63.6	4		10	97	0.1	0.1	1	15.8	8	82.4
RDU_SM_DDH11-19	RDU_SM_613461	ASSAY	WHI11001737	251.53	252.98		3.03	0.3	0.37	50.7	1		10	83	0.2	0.08	2	27.2	9	63.8
RDU_SM_DDH11-19	RDU_SM_613462	ASSAY	WHI11001737	252.98	254.5		4.5	0.5	0.38	83.4	9		10	93	0.4	0.12	1.8	18.7	9	89.5
RDU_SM_DDH11-19	RDU_SM_613463	ASSAY	WHI11001737	254.5	256		4.14	0.7	0.34	3534.6	30		10	270	0.5	0.34	2.3	6.5	16	100.8
RDU_SM_DDH11-19	RDU_SM_613464	ASSAY	WHI11001737	256	257.58		4.45	0.3	0.36	2613.2	182		10	167	0.2	0.12	2.8	23.7	8	70.6
RDU_SM_DDH11-19	RDU_SM_613465	ASSAY	WHI11001737	257.58	259		3.48	0.5	0.25	4096	27		10	86	0.2	0.19	3.1	4.9	11	29.6
RDU_SM_DDH11-19	RDU_SM_613466	ASSAY	WHI11001737	259	260.6		3.92	0.7	0.72	406.4	21		10	891	0.2	2.16	7.1	8.7	64	80.4
RDU_SM_DDH11-19	RDU_SM_613467	ASSAY	WHI11001737	260.6	262.1		2.72	1.2	0.31	263.1	42		10	162	0.2	0.4	7.1	8.2	18	91.5
RDU_SM_DDH11-19	RDU_SM_613468	ASSAY	WHI11001737	262.1	263.6		3.77	1.2	0.21	193.4	42		10	99	0.05	0.85	1	11.9	5	44.1
RDU_SM_DDH11-19	RDU_SM_613470	ASSAY	WHI11001737	263.6	265		3.43	1.7	0.61	555.9	97		10	17	0.2	1.72	4.2	28.3	56	93.5
RDU_SM_DDH11-19	RDU_SM_613471	ASSAY	WHI11001737	265	266.5		2.3	1.2	0.73	362	59		10	32	0.2	2.46	7.6	21.8	72	89.3
RDU_SM_DDH11-19	RDU_SM_613472	ASSAY	WHI11001737	266.5	268		4.28	0.7	0.68	1029.3	45		10	280	0.3	3.21	6.6	30.3	83	64.1
RDU_SM_DDH11-19	RDU_SM_613473	ASSAY	WHI11001737	268	269.4		4.13	0.5	0.43	812.8	37		10	381	0.2	0.37	5.8	24.7	28	74.6
RDU_SM_DDH11-19	RDU_SM_613474	ASSAY	WHI11001737	269.4	270.6		1.47	0.3	0.31	175	18		10	143	0.2	1.64	2.3	13.5	16	45.4

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-19	3.07	0.5	0.02	0.1	12	0.01	489	2.6	0.005	51.5	0.085	18	0.025	0.5	1.8	0.8	14	4	0.0005	0.1	0.1	15	0.3	200
RDU_SM_DDH11-19	4.94	1	0.03	0.16	16	0.03	1679	1.6	0.009	94.1	0.082	26.3	0.025	0.4	2.6	0.25	9	6.5	0.001	0.05	0.1	17	0.4	310
RDU_SM_DDH11-19	0.99	0.5	0.02	0.1	9	0.01	314	3.3	0.007	17.5	0.035	26.5	0.025	0.3	1.1	1.3	7	3.2	0.0005	0.05	0.1	13	3	45
RDU_SM_DDH11-19	1.29	0.5	0.04	0.11	8	0.01	43	2.9	0.005	21.4	0.053	55.4	0.025	0.5	1.2	2.9	15	2.6	0.0005	0.05	0.1	18	0.3	56
RDU_SM_DDH11-19	1.62	0.5	0.04	0.1	8	0.01	47	3.3	0.005	22.9	0.057	48.8	0.025	0.6	1.3	1.4	14	2.6	0.0005	0.1	0.1	19	0.3	69
RDU_SM_DDH11-19	3.15	1	0.02	0.16	14	0.03	364	1.4	0.01	26.8	0.072	14.2	0.025	0.3	2	1.8	9	4.6	0.001	0.1	0.1	16	0.3	146
RDU_SM_DDH11-19	3.6	1	0.01	0.18	21	0.21	3759	1.6	0.01	38	0.044	8.4	0.025	0.2	1.7	1.8	8	8.9	0.001	0.05	0.1	11	0.1	143
RDU_SM_DDH11-19	2.08	1	0.03	0.12	13	0.03	446	11.1	0.007	19.6	0.047	23.5	0.025	0.4	1.2	1.8	8	4.1	0.0005	0.1	0.1	12	0.4	146
RDU_SM_DDH11-19	1.25	0.5	0.02	0.09	8	0.01	90	4	0.005	12.8	0.025	7	0.025	0.3	1.1	0.25	8	2.7	0.001	0.05	0.1	14	0.2	70
RDU_SM_DDH11-19	3.11	0.5	0.06	0.1	10	0.01	230	5.4	0.006	28.6	0.085	24.9	0.05	0.6	3.4	1.8	24	4.6	0.001	0.1	0.1	30	0.4	189
RDU_SM_DDH11-19	1.64	0.5	0.1	0.08	5	0.005	58	8.1	0.004	14.7	0.067	20.5	0.025	0.8	2.8	2.9	27	2.5	0.0005	0.1	0.1	35	0.4	96
RDU_SM_DDH11-19	3.51	1	0.29	0.19	18	0.01	211	4.6	0.008	18.3	0.069	27.3	0.13	0.9	3.8	7.3	18	6.1	0.0005	0.3	0.2	27	0.6	201
RDU_SM_DDH11-19	2.02	1	0.16	0.17	14	0.01	117	9.1	0.007	5.3	0.048	71.9	0.18	1	2.3	4.4	19	4.7	0.0005	0.4	0.1	16	0.3	98
RDU_SM_DDH11-19	1.58	1	0.24	0.2	19	0.02	110	7.6	0.007	3.7	0.044	116.7	0.12	0.6	2	3.2	18	5.5	0.0005	0.3	0.1	12	0.3	58
RDU_SM_DDH11-19	1.3	0.5	0.13	0.2	15	0.02	73	2.2	0.007	3.4	0.044	11.5	0.1	0.6	1.7	4.8	12	4.8	0.0005	0.3	0.1	7	0.2	33
RDU_SM_DDH11-19	4.68	1	0.06	0.22	22	0.02	509	1.3	0.008	44.6	0.045	11.4	0.1	0.2	2.3	1.4	14	10.7	0.0005	0.2	0.1	13	0.2	265
RDU_SM_DDH11-19	2.01	0.5	0.03	0.17	17	0.02	109	4.8	0.007	13.8	0.047	25.5	0.07	0.6	1.9	2.4	15	6.8	0.0005	0.2	0.1	14	0.3	135
RDU_SM_DDH11-19	1.04	0.5	0.04	0.15	9	0.02	35	6.9	0.006	6.1	0.056	21.2	0.13	0.9	1	1.7	20	2.7	0.0005	0.2	0.1	18	0.3	20
RDU_SM_DDH11-19	4.85	1	0.03	0.17	10	0.03	263	3.2	0.007	28.4	0.073	10	0.28	1.2	2.9	1.9	24	4.6	0.0005	0.2	0.1	27	0.3	219
RDU_SM_DDH11-19	7.22	2	0.02	0.16	13	0.09	1195	1.5	0.008	84.3	0.079	24.7	0.21	0.5	3.8	1.8	20	5.9	0.0005	0.1	0.1	25	0.3	630
RDU_SM_DDH11-19	5.44	0.5	0.01	0.12	9	0.02	342	2.4	0.007	55	0.07	35.7	0.14	0.7	3.2	1.5	15	3.7	0.0005	0.1	0.1	26	0.3	595
RDU_SM_DDH11-19	4.47	1	0.02	0.17	11	0.09	482	3	0.01	50.9	0.067	19.3	0.33	0.3	2.4	2.6	14	4.6	0.0005	0.1	0.1	24	0.2	417
RDU_SM_DDH11-19	6.16	2	0.07	0.2	11	0.06	375	2.7	0.01	54.9	0.069	154.1	0.95	0.9	3.7	4.3	17	6.5	0.0005	0.3	0.1	35	0.4	752
RDU_SM_DDH11-19	13.67	1	0.46	0.1	2	0.02	190	3.2	0.006	178.7	0.059	766.3	9.18	20.9	3	29.6	17	2.7	0.002	1.3	2.9	24	0.5	88
RDU_SM_DDH11-19	2.35	0.5	0.04	0.13	5	0.17	898	1	0.006	31	0.055	21.2	0.32	0.8	2.1	1.3	13	1.7	0.001	0.2	0.1	16	0.3	171
RDU_SM_DDH11-19	3.02	0.5	0.02	0.11	10	0.31	1877	2.4	0.006	42.2	0.036	8.1	0.12	0.3	2.7	1.2	14	3.8	0.0005	0.05	0.1	20	0.3	319
RDU_SM_DDH11-19	4.22	1	0.05	0.11	10	0.47	2270	2.8	0.005	54.5	0.048	8.1	0.51	0.5	3.2	2.1	18	4.5	0.002	0.1	0.1	24	0.3	253
RDU_SM_DDH11-19	4.72	1	0.06	0.12	7	0.09	2017	4	0.004	90.2	0.131	13.5	1.06	1.9	3.3	4.9	28	3.5	0.002	0.2	0.2	31	0.4	579
RDU_SM_DDH11-19	3.68	1	0.02	0.09	6	0.3	3665	4.3	0.004	62.3	0.099	7.6	0.92	0.7	4.3	3.5	31	3	0.001	0.05	0.1	40	0.2	377
RDU_SM_DDH11-19	3.42	1	0.05	0.12	6	0.31	2646	8	0.005	62.6	0.071	17.5	1.82	1	3.4	3.2	37	3	0.002	0.05	0.1	37	0.4	432
RDU_SM_DDH11-19	2.64	0.5	0.03	0.09	5	0.15	731	6	0.003	24	0.051	11	0.97	0.8	2	1.7	15	1.5	0.001	0.05	0.1	31	0.2	220
RDU_SM_DDH11-19	3.57	1	0.05	0.15	9	0.22	1981	5	0.006	34.6	0.064	9.9	0.71	0.5	2.5	1.6	20	3.6	0.001	0.1	0.1	26	0.3	442
RDU_SM_DDH11-19	3.45	1	0.05	0.16	10	0.24	1529	4.8	0.007	31.3	0.058	8.8	0.66	0.4	2.7	1.7	18	4	0.001	0.2	0.1	26	0.3	349
RDU_SM_DDH11-19	4.46	1	0.03	0.15	13	0.25	3283	4.7	0.007	55.6	0.046	9.6	0.3	0.3	2.7	1.2	16	5.3	0.001	0.1	0.1	22	0.3	672
RDU_SM_DDH11-19	3.61	1	0.07	0.13	10	0.19	1396	9	0.005	41.7	0.075	32	1.2	0.9	2.3	2.5	22	5.4	0.001	0.2	0.1	23	0.4	272
RDU_SM_DDH11-19	1.18	1	0.13	0.11	7	0.02	44	20.3	0.003	21.8	0.21	33.8	0.74	1.4	1.6	2.5	64	2.7	0.003	0.1	0.3	54	1.2	85
RDU_SM_DDH11-19	4.03	1	0.18	0.22	11	0.21	1450	2.9	0.005	48	0.057	14.3	1.43	0.8	2.5	2	20	5.5	0.001	0.3	0.1	18	0.6	223
RDU_SM_DDH11-19	0.97	0.5	0.07	0.09	4	0.02	42	15.1	0.003	26.1	0.145	28.5	0.63	1.7	1	2.8	27	1.4	0.002	0.05	0.1	27	1	56
RDU_SM_DDH11-19	1.2	3	0.13	0.15	8	0.06	212	25.4	0.0005	79.9	0.914	91.2	0.41	6.2	4.1	8.4	129	2.8	0.012	0.05	0.1	287	1.5	238
RDU_SM_DDH11-19	2.65	0.5	0.21	0.06	4	0.04	83	19.9	0.002	59.3	0.199	17.6	2.28	10.7	1.8	4.6	51	2.1	0.002	0.7	0.1	49	0.7	232
RDU_SM_DDH11-19	4.11	0.5	0.16	0.07	1	0.39	448	1.5	0.003	57.1	0.031	11.1	4.06	30.1	1	2.1	30	0.7	0.001	1	0.1	16	0.1	102
RDU_SM_DDH11-19	5.82	2	0.21	0.14	8	0.12	2983	18	0.002	199.1	0.671	34.4	3.91	14.8	2.9	11.4	154	2.7	0.008	0.4	0.1	198	1.3	742
RDU_SM_DDH11-19	3.91	2	0.14	0.17	9	0.18	2495	28.3	0.0005	213.2	0.919	56.1	2.06	6.3	3.5	12.6	180	2.8	0.017	0.1	0.1	302	1.8	833
RDU_SM_DDH11-19	3.76	2	0.17	0.14	9	0.67	2786	17.3	0.0005	217.5	0.827	42.7	1.02	5.1	6.3	5.3	157	2.9	0.009	0.1	0.1	226	1.3	708
RDU_SM_DDH11-19	3.66	2	0.21	0.07	7	0.27	2892	12.7	0.002	124.9	0.179	35	0.97	1.8	4.4	3.6	83	2.6	0.002	0.3	0.1	90	0.7	818
RDU_SM_DDH11-19	1.95	0.5	0.07	0.08	3	0.89	1594	2.2	0.003	48.2	0.028	14.1	0.64	0.8	2.9	1.1	40	1.2	0.001	0.2	0.1	26	0.3	118

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-19	RDU_SM_613475	ASSAY	WHI11001737	270.6	272		4.86	0.05	0.14	1407.3	8		10	46	0.05	0.02	0.9	5.1	1	15.5
RDU_SM_DDH11-19	RDU_SM_613476	ASSAY	WHI11001737	272	273.5		3.96	1	0.17	10000	197		10	45	0.2	0.02	22.5	23.6	5	42.2
RDU_SM_DDH11-19	RDU_SM_613477	ASSAY	WHI11001737	273.5	276.15		2.56	0.2	0.2	528.2	17		10	54	0.05	0.13	1	7.3	5	30.8
RDU_SM_DDH11-19	RDU_SM_613478	ASSAY	WHI11001737	276.15	277.5		5.61	0.2	0.17	95.1	10		10	50	0.1	0.78	1	6.5	6	43
RDU_SM_DDH11-19	RDU_SM_613480	ASSAY	WHI11001737	277.5	279		4.36	0.3	0.15	133.7	36		10	62	0.1	0.57	0.9	6.8	4	43.3
RDU_SM_DDH11-19	RDU_SM_613481	ASSAY	WHI11001737	279	280.5		4.42	0.3	0.18	52.8	15		10	218	0.05	2.03	1	5.6	7	44.4
RDU_SM_DDH11-19	RDU_SM_613482	ASSAY	WHI11001737	280.5	282		3.45	0.5	0.34	266.6	44		10	193	0.3	0.62	1.2	37.5	12	71.8
RDU_SM_DDH11-19	RDU_SM_613483	ASSAY	WHI11001737	282	282.56		1.76	0.7	0.31	134.2	35		10	123	0.2	0.65	0.7	24.4	7	65.5
RDU_SM_DDH11-19	RDU_SM_613484	ASSAY	WHI11001737	282.56	284		4.24	0.6	0.27	88.4	34		10	183	0.2	2.18	1.4	16.3	19	76.1
RDU_SM_DDH11-19	RDU_SM_613485	ASSAY	WHI11001737	284	285.5		4.22	0.6	0.33	75.7	30		10	183	0.2	1.52	0.3	23.5	9	70.4
RDU_SM_DDH11-19	RDU_SM_613486	ASSAY	WHI11001737	285.5	287		4.91	0.2	0.24	515.7	14		10	72	0.1	1.21	0.4	13.1	12	27.8
RDU_SM_DDH11-19	RDU_SM_613487	ASSAY	WHI11001737	287	288.5		4.45	0.05	0.09	110.5	30		10	36	0.05	0.62	0.8	8.7	5	27
RDU_SM_DDH11-19	RDU_SM_613488	ASSAY	WHI11001737	288.5	290.17		3.83	0.2	0.09	243.8	35		10	39	0.05	0.49	0.9	7.7	7	22.6
RDU_SM_DDH11-19	RDU_SM_613489	ASSAY	WHI11001737	290.17	291.5		2.4	2.6	0.07	62.5	9		10	31	0.3	0.95	0.9	7.6	7	37.1
RDU_SM_DDH11-19	RDU_SM_613490	FieldDup	WHI11001737	290.17	291.5	DUP of 613489	2.24	3.1	0.08	60.7	11		10	33	0.3	0.95	1.1	10.5	16	48.5
RDU_SM_DDH11-19	RDU_SM_613491	ASSAY	WHI11001737	291.5	293		4.64	0.4	0.07	48.8	9		10	32	0.2	0.75	1.3	7.7	6	36
RDU_SM_DDH11-19	RDU_SM_613492	ASSAY	WHI11001737	293	294.5		3.41	0.3	0.19	523.4	13		10	57	0.2	0.35	0.6	5.8	17	33.6
RDU_SM_DDH11-19	RDU_SM_613493	ASSAY	WHI11001737	294.5	296		4.66	0.4	0.21	535.7	12		10	97	0.2	2.04	1.2	10.4	11	41.2
RDU_SM_DDH11-19	RDU_SM_613494	ASSAY	WHI11001737	296	296.82		1.89	0.3	0.29	336.7	9		10	159	0.2	2.74	1	19.7	9	56.8
RDU_SM_DDH11-19	RDU_SM_613495	ASSAY	WHI11001737	296.82	298.09		4.15	0.3	0.29	36.8	6		10	124	0.2	1.11	0.4	17.1	11	60.9
RDU_SM_DDH11-19	RDU_SM_613496	ASSAY	WHI11001737	298.09	299.5		5.02	0.3	0.3	41.1	8		10	105	0.2	1.44	0.4	14.5	6	45.4
RDU_SM_DDH11-19	RDU_SM_613497	ASSAY	WHI11001737	299.5	300.97		3.86	0.2	0.23	28.7	8		10	117	0.2	1.45	0.3	10.5	12	45.2
RDU_SM_DDH11-19	RDU_SM_613498	ASSAY	WHI11001737	300.97	302.5		4.52	0.3	0.36	12	12		10	156	0.2	0.35	0.1	14.2	10	48
RDU_SM_DDH11-19	RDU_SM_613500	ASSAY	WHI11001737	302.5	304		4.71	0.2	0.32	3007.8	29		10	131	0.2	0.63	0.2	12	12	44.7
RDU_SM_DDH11-19	RDU_SM_613501	ASSAY	WHI11001737	304	305.5		4.65	0.5	0.4	1819.9	869		10	161	0.2	0.32	0.05	17.9	10	44.4
RDU_SM_DDH11-19	RDU_SM_613502	ASSAY	WHI11001737	305.5	306.93		3.73	0.2	0.34	14.2	10		10	132	0.2	0.15	0.1	11.7	12	38.3
RDU_SM_DDH11-19	RDU_SM_613503	ASSAY	WHI11001737	306.93	308.5		2.52	0.2	0.38	10.4	8		10	150	0.2	0.16	0.05	17.3	13	43.4
RDU_SM_DDH11-19	RDU_SM_613504	ASSAY	WHI11001737	308.5	310		4.33	0.4	0.41	16.1	549		10	152	0.2	0.59	0.1	15.5	14	53.1
RDU_SM_DDH11-19	RDU_SM_613505	ASSAY	WHI11001737	310	311.12		1.93	0.4	0.45	749.3	474		10	137	0.3	0.59	0.2	11.9	10	50.2
RDU_SM_DDH11-19	RDU_SM_613506	ASSAY	WHI11001737	311.12	312.12	EOH	3.12	0.4	0.35	7.8	15		10	144	0.2	0.14	0.2	12.4	13	46.3
RDU_SM_DDH11-20	RDU_SM_613507	ASSAY	WHI11001737	7.62	9		4.33	0.2	1.53	2.7	3		10	761	0.05	2.44	0.1	24.3	13	67.4
RDU_SM_DDH11-20	RDU_SM_613508	ASSAY	WHI11001737	9	11.49		7.81	0.1	1.47	1.5	2		10	879	0.05	2.84	0.1	23.8	23	64.9
RDU_SM_DDH11-20	RDU_SM_613509	ASSAY	WHI11001737	11.49	13		5.22	0.2	2.33	1.4	5		10	873	0.05	3.53	0.05	28	46	150.4
RDU_SM_DDH11-20	RDU_SM_613510	ASSAY	WHI11001737	13	14.5		5.09	0.4	2.67	0.9	7		10	504	0.05	2.83	0.05	27.5	27	154.5
RDU_SM_DDH11-20	RDU_SM_613511	ASSAY	WHI11001737	14.5	16		4.68	0.3	2.87	1.4	5		10	384	0.05	3.31	0.05	27	24	132.2
RDU_SM_DDH11-20	RDU_SM_613512	ASSAY	WHI11001737	16	17.5		5.61	0.2	2.52	1.1	1		10	264	0.05	2.12	0.05	22.1	35	135.4
RDU_SM_DDH11-20	RDU_SM_613513	ASSAY	WHI11001737	17.5	18.98		5.09	0.1	1.99	0.8	1		10	186	0.05	1.74	0.05	17.3	24	116.6
RDU_SM_DDH11-20	RDU_SM_613514	ASSAY	WHI11001737	18.98	20.5		4.96	0.1	1.99	0.7	12		10	186	0.05	1.65	0.05	20.6	24	154.9
RDU_SM_DDH11-20	RDU_SM_613515	ASSAY	WHI11001737	20.5	22		5.12	0.2	2.12	0.9	12		10	245	0.05	1.36	0.05	20.9	15	223.1
RDU_SM_DDH11-20	RDU_SM_613516	ASSAY	WHI11001737	22	23.54		5.44	0.5	2.71	1.9	9		10	248	0.05	1.91	0.05	26.8	58	142.4
RDU_SM_DDH11-20	RDU_SM_613518	ASSAY	WHI11001737	23.54	25.01		5.78	0.9	2.47	5.8	16		10	189	0.05	2.21	0.1	22.9	26	133.4
RDU_SM_DDH11-20	RDU_SM_613519	ASSAY	WHI11001737	25.01	26		3.07	0.3	2.68	1.8	10		10	721	0.05	2.7	0.1	27.2	27	187
RDU_SM_DDH11-20	RDU_SM_613520	ASSAY	WHI11001737	26	27		3.77	0.1	2.2	1.2	1		10	380	0.05	2.15	0.05	20.5	26	76.1
RDU_SM_DDH11-20	RDU_SM_613521	ASSAY	WHI11001737	27	28.5		5.14	0.05	2.03	1.4	1		10	126	0.05	1.5	0.05	17.3	45	96.8
RDU_SM_DDH11-20	RDU_SM_613522	ASSAY	WHI11001737	28.5	29.99		5.2	0.05	1.99	1	1		10	169	0.05	1.19	0.05	15.1	22	63.2
RDU_SM_DDH11-20	RDU_SM_613523	ASSAY	WHI11001737	29.99	31.5		5.89	0.1	2.05	0.7	3		10	164	0.05	1.53	0.05	20	20	171

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-19	0.55	0.5	0.005	0.04	1	0.01	41	0.2	0.002	16.8	0.006	4.8	0.37	0.7	0.3	0.9	6	0.4	0.0005	0.05	0.1	3	0.05	34
RDU_SM_DDH11-19	5.28	0.5	0.35	0.04	0.5	0.01	33	0.6	0.002	57.8	0.007	19.2	4.66	18.2	0.4	12.9	6	0.2	0.0005	1.6	1.6	4	0.4	679
RDU_SM_DDH11-19	1.07	0.5	0.02	0.08	3	0.06	107	0.9	0.004	23.1	0.034	4.5	0.91	1.3	0.6	0.7	11	1.2	0.0005	0.2	0.1	6	0.2	29
RDU_SM_DDH11-19	1.14	0.5	0.02	0.08	3	0.37	397	0.4	0.005	16.3	0.017	6.4	0.89	0.8	0.9	0.8	25	1.2	0.0005	0.1	0.1	4	0.2	38
RDU_SM_DDH11-19	2.06	0.5	0.04	0.07	3	0.25	475	1.4	0.003	19.8	0.033	8.9	1.97	1.4	0.9	1	22	1	0.0005	0.1	0.1	7	0.3	67
RDU_SM_DDH11-19	1.58	0.5	0.04	0.07	3	0.86	1045	5.5	0.003	18.3	0.031	7.5	1.11	1.3	1.7	0.8	65	1.3	0.002	0.2	0.1	12	0.3	72
RDU_SM_DDH11-19	4.17	1	0.07	0.14	8	0.36	3114	5.8	0.005	105.3	0.114	19.4	1.63	1	4.1	1.6	43	4.4	0.001	0.2	0.1	24	0.4	401
RDU_SM_DDH11-19	3.71	1	0.05	0.16	8	0.4	1502	3.6	0.006	79.5	0.065	17.2	2.61	1.5	2.1	1.9	33	6	0.0005	0.3	0.1	12	0.3	193
RDU_SM_DDH11-19	2.84	0.5	0.04	0.1	4	0.93	1727	6.9	0.004	60.6	0.109	19.9	1.84	1.6	2.1	2.1	74	1.8	0.002	0.1	0.1	20	0.4	202
RDU_SM_DDH11-19	3.12	1	0.07	0.16	7	0.78	1805	1.3	0.007	61.4	0.051	11.4	1.7	1.3	2.4	1.2	43	3.8	0.001	0.3	0.1	11	0.3	123
RDU_SM_DDH11-19	1.48	0.5	0.01	0.12	7	0.65	1226	1	0.005	31.7	0.036	21.3	0.42	0.6	1.5	0.8	27	3.3	0.0005	0.05	0.1	5	0.1	75
RDU_SM_DDH11-19	0.86	0.5	0.005	0.04	2	0.29	802	0.5	0.002	17.1	0.013	4.9	0.46	0.3	0.7	0.25	16	0.6	0.0005	0.05	0.1	3	0.4	30
RDU_SM_DDH11-19	0.72	0.5	0.005	0.04	1	0.24	630	0.3	0.001	18.6	0.01	5.3	0.36	0.4	0.8	0.25	14	0.3	0.0005	0.05	0.1	3	0.2	27
RDU_SM_DDH11-19	1.07	0.5	0.005	0.04	0.5	0.46	1044	4.5	0.002	13.8	0.011	9.2	0.46	0.5	0.5	0.25	15	0.3	0.0005	0.05	0.1	4	6.5	29
RDU_SM_DDH11-19	1.23	0.5	0.01	0.04	0.5	0.5	1327	6.5	0.002	19.6	0.009	10	0.53	0.5	0.7	0.6	16	0.3	0.0005	0.05	0.1	5	6.5	40
RDU_SM_DDH11-19	0.96	0.5	0.02	0.04	0.5	0.35	1354	3	0.002	12.9	0.011	9.1	0.47	0.4	0.6	0.25	14	0.3	0.0005	0.05	0.1	4	0.5	41
RDU_SM_DDH11-19	1.49	0.5	0.04	0.1	4	0.28	818	0.6	0.005	16	0.022	9	0.64	0.5	1.1	0.25	10	1.7	0.0005	0.2	0.1	8	0.4	58
RDU_SM_DDH11-19	1.84	0.5	0.06	0.1	4	0.95	1453	3.1	0.003	27	0.047	13.8	0.56	0.8	2.1	0.9	63	2.3	0.0005	0.2	0.1	20	0.4	144
RDU_SM_DDH11-19	3.11	1	0.05	0.12	6	1.53	2755	5.7	0.005	48.7	0.061	25.5	0.43	0.5	2.8	1.3	79	3.3	0.001	0.1	0.1	30	0.4	315
RDU_SM_DDH11-19	3.29	0.5	0.03	0.16	5	0.96	1671	2.8	0.006	43.7	0.069	9.1	1.02	0.7	1.6	1	32	3.2	0.002	0.1	0.1	15	0.3	163
RDU_SM_DDH11-19	2.58	0.5	0.03	0.15	5	0.87	1771	1.5	0.006	36.8	0.046	9.4	0.81	0.6	1.6	0.7	23	3	0.002	0.1	0.1	11	0.3	126
RDU_SM_DDH11-19	2.05	0.5	0.02	0.11	4	0.79	1436	0.9	0.005	25.4	0.058	3.9	0.44	0.8	1.7	0.25	37	1.7	0.001	0.1	0.1	14	0.3	95
RDU_SM_DDH11-19	2.88	1	0.04	0.21	11	0.62	729	1.2	0.006	45.4	0.041	5.6	0.86	0.4	1.7	0.7	16	6.5	0.002	0.2	0.1	18	0.2	95
RDU_SM_DDH11-19	2.4	0.5	0.02	0.19	10	0.57	665	4.2	0.006	41.9	0.041	3.7	0.66	0.5	1.3	0.8	18	5.6	0.001	0.1	0.1	14	0.3	84
RDU_SM_DDH11-19	3.46	1	0.06	0.21	10	0.51	921	0.9	0.006	59.8	0.044	5.3	1.33	0.6	1.9	1.5	13	6	0.001	0.3	0.1	19	0.4	115
RDU_SM_DDH11-19	2.68	1	0.005	0.18	10	0.55	631	0.8	0.007	42.1	0.038	4.4	0.41	0.2	1.3	0.25	8	4.9	0.002	0.05	0.1	17	0.1	109
RDU_SM_DDH11-19	2.87	1	0.005	0.2	11	0.57	775	1	0.008	49.5	0.044	6.2	0.48	0.1	1.7	0.6	8	6.3	0.001	0.05	0.1	20	0.2	122
RDU_SM_DDH11-19	3.05	1	0.01	0.22	11	0.71	1021	0.9	0.007	52	0.049	6.9	0.64	0.2	1.6	0.9	23	6.1	0.002	0.1	0.1	18	0.2	137
RDU_SM_DDH11-19	3.02	1	0.02	0.15	8	0.62	702	11.5	0.004	41.3	0.037	10.3	0.91	0.6	1.8	1	15	5.2	0.001	0.1	0.1	19	0.3	81
RDU_SM_DDH11-19	2.59	1	0.005	0.21	11	0.47	586	1	0.006	45.2	0.035	4.4	0.48	0.1	1.3	0.7	6	5.8	0.001	0.1	0.1	17	0.1	105
RDU_SM_DDH11-20	5.74	4	0.005	0.11	3	2.99	1219	0.2	0.021	13	0.038	3.8	0.18	0.05	14.8	0.25	95	0.6	0.003	0.05	0.1	153	0.05	82
RDU_SM_DDH11-20	4.95	4	0.04	0.24	7	2.02	1082	0.3	0.014	21.8	0.051	3.5	0.09	0.1	16.3	0.25	80	1.3	0.003	0.05	0.1	122	0.05	70
RDU_SM_DDH11-20	5.34	6	0.02	0.3	4	2.49	1111	0.05	0.015	36.4	0.064	2.5	0.025	0.2	15.8	0.25	124	0.7	0.009	0.1	0.1	161	0.05	73
RDU_SM_DDH11-20	5.41	9	0.005	0.29	3	2.47	944	0.05	0.039	25.7	0.062	1.5	0.07	0.2	13.4	0.25	100	0.4	0.034	0.05	0.1	186	0.05	76
RDU_SM_DDH11-20	5.51	9	0.01	0.37	3	2.61	1067	0.05	0.027	24.3	0.069	1.2	0.06	0.2	14.2	0.25	120	0.5	0.036	0.05	0.1	204	0.05	75
RDU_SM_DDH11-20	4.79	8	0.005	0.34	3	2.48	886	0.05	0.045	24	0.068	1.2	0.025	0.2	10.3	0.25	77	0.6	0.037	0.05	0.1	157	0.05	68
RDU_SM_DDH11-20	3.43	5	0.005	0.31	3	1.97	662	0.1	0.04	18.3	0.056	1.1	0.025	0.2	7.4	0.25	63	0.6	0.025	0.05	0.1	89	0.05	54
RDU_SM_DDH11-20	3.61	6	0.01	0.32	1	1.71	664	0.05	0.094	19.7	0.066	0.9	0.06	0.3	7	0.25	58	0.2	0.065	0.05	0.1	117	0.05	52
RDU_SM_DDH11-20	3.9	6	0.005	0.38	1	1.7	699	0.05	0.059	21.2	0.064	1	0.025	0.3	5.7	0.25	55	0.3	0.061	0.05	0.1	128	0.05	62
RDU_SM_DDH11-20	4.96	7	0.005	0.42	2	2.5	849	0.1	0.041	32.8	0.064	1.3	0.025	0.3	11.7	0.25	64	0.3	0.056	0.1	0.1	169	0.05	73
RDU_SM_DDH11-20	4.44	7	0.005	0.44	2	2.03	844	0.05	0.058	25	0.075	2.3	0.025	0.4	7.9	0.25	85	0.3	0.063	0.05	0.1	154	0.05	77
RDU_SM_DDH11-20	5.48	8	0.06	0.35	3	2.63	1028	0.1	0.017	24.1	0.065	2.2	0.025	0.2	14.7	0.25	91	0.6	0.01	0.1	0.1	155	0.05	70
RDU_SM_DDH11-20	4.06	6	0.08	0.31	2	2.03	867	0.05	0.031	17.1	0.041	2.3	0.025	0.2	10.9	0.25	83	0.4	0.017	0.05	0.1	111	0.05	50
RDU_SM_DDH11-20	3.36	5	0.005	0.29	2	1.83	734	0.05	0.043	26.5	0.054	1.3	0.025	0.2	6.9	0.25	63	0.5	0.028	0.05	0.1	86	0.05	60
RDU_SM_DDH11-20	3.29	6	0.005	0.35	2	1.76	827	0.3	0.057	14.4	0.061	0.7	0.025	0.2	5.9	0.25	51	0.6	0.049	0.05	0.1	83	0.05	62
RDU_SM_DDH11-20	3.57	5	0.005	0.39	1	1.63	643	0.05	0.07	20.1	0.069	0.9	0.07	0.3	4.8	0.25	62	0.2	0.072	0.05	0.1	126	0.05	61

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-20	RDU_SM_613524	ASSAY	WHI11001737	31.5	33		4.38	0.05	1.81	1	1		10	168	0.05	1.27	0.05	15.6	17	118.4
RDU_SM_DDH11-20	RDU_SM_613525	ASSAY	WHI11001737	33	34.5		5.22	0.1	2.04	1	4		10	137	0.05	2.08	0.05	20.9	35	141
RDU_SM_DDH11-20	RDU_SM_613526	ASSAY	WHI11001737	34.5	36.5		3.04	0.2	2.28	1.4	1		10	453	0.05	2.02	0.05	21.1	15	114.9
RDU_SM_DDH11-20	RDU_SM_613528	ASSAY	WHI11001737	36.5	38		4.07	0.2	2.26	1.1	1		10	165	0.05	2.7	0.05	24.3	37	146.6
RDU_SM_DDH11-20	RDU_SM_613529	ASSAY	WHI11001737	38	39.47		4.82	0.3	2.43	1.4	11		10	164	0.05	2.95	0.05	26.5	51	157.9
RDU_SM_DDH11-20	RDU_SM_613530	ASSAY	WHI11001737	39.47	40.4		3.11	0.4	2.72	1.3	5		10	231	0.05	2.42	0.05	25.2	41	185.1
RDU_SM_DDH11-20	RDU_SM_613531	ASSAY	WHI11001737	40.4	41.15		2.82	0.7	2.69	1.3	7		10	526	0.05	5.22	0.1	25.9	34	215.9
RDU_SM_DDH11-20	RDU_SM_613532	ASSAY	WHI11001737	41.15	42.5		4.91	0.2	2.07	0.25	3		10	226	0.05	1.97	0.05	22.8	35	149.1
RDU_SM_DDH11-20	RDU_SM_613533	ASSAY	WHI11001737	42.5	44		4.88	0.3	2.61	0.7	3		10	238	0.05	2.12	0.05	26.2	29	151.5
RDU_SM_DDH11-20	RDU_SM_613534	ASSAY	WHI11001737	44	45.5		5.71	0.2	2.05	1.6	4		10	280	0.05	2.65	0.05	25	20	174
RDU_SM_DDH11-20	RDU_SM_613535	ASSAY	WHI11001737	45.5	47.05		5.43	0.2	2.19	0.5	4		10	691	0.05	2.58	0.05	29.5	24	166.6
RDU_SM_DDH11-20	RDU_SM_613536	ASSAY	WHI11001737	47.05	48.5		5.32	0.1	2.56	0.25	1		10	285	0.05	2.03	0.05	28.5	26	118.4
RDU_SM_DDH11-20	RDU_SM_613537	ASSAY	WHI11001737	48.5	49.66		1.97	0.1	2.82	0.25	1		10	372	0.05	1.89	0.1	27.9	21	53.8
RDU_SM_DDH11-20	RDU_SM_613538	FieldDup	WHI11001737	48.5	49.66	DUP of 613537	1.86	0.2	2.87	0.25	1		10	361	0.05	1.76	0.05	27.8	22	53.6
RDU_SM_DDH11-20	RDU_SM_613539	ASSAY	WHI11001737	49.66	51.12		4.85	0.2	1.82	0.25	1		10	401	0.05	3.66	0.1	25.3	17	70.7
RDU_SM_DDH11-20	RDU_SM_613540	ASSAY	WHI11001737	51.12	52.5		4.83	0.3	0.84	2	1		10	506	0.2	3.4	0.2	18.5	12	55.1
RDU_SM_DDH11-20	RDU_SM_613541	ASSAY	WHI11001737	52.5	52.99		1.48	0.3	0.4	6.7	1		10	219	0.3	1.15	0.3	4.2	5	24.3
RDU_SM_DDH11-20	RDU_SM_613542	ASSAY	WHI11001737	52.99	54.85		4.38	0.4	0.41	11.9	1		10	437	0.2	1.41	0.3	9.6	8	52
RDU_SM_DDH11-20	RDU_SM_613543	ASSAY	WHI11001737	54.85	56.5		5.28	0.2	0.54	7.2	1		10	280	0.3	0.94	0.2	11	19	44.4
RDU_SM_DDH11-20	RDU_SM_613544	ASSAY	WHI11001737	56.5	58		4.22	0.2	0.55	4	1		10	292	0.2	1.29	0.1	12.7	24	48.4
RDU_SM_DDH11-20	RDU_SM_613545	ASSAY	WHI11001737	58	59.5		4.5	0.2	0.45	9.3	1		10	208	0.2	2.25	0.2	14.4	34	46
RDU_SM_DDH11-20	RDU_SM_613546	ASSAY	WHI11001737	59.5	61		5.22	0.3	0.5	3.7	1		10	261	0.2	1.09	0.2	11.1	26	54.9
RDU_SM_DDH11-20	RDU_SM_613548	ASSAY	WHI11001737	61	62.5		5.04	0.3	0.57	5.1	3		10	345	0.2	1.32	0.2	14.6	30	55.4
RDU_SM_DDH11-20	RDU_SM_613549	ASSAY	WHI11001737	62.5	64.01		5.25	0.1	0.66	3.4	1		10	218	0.2	1.19	0.2	18.6	22	28.1
RDU_SM_DDH11-20	RDU_SM_613550	ASSAY	WHI11001737	64.01	65.3		4.78	0.1	0.58	5.6	1		10	186	0.2	0.43	0.05	15	16	40.1
RDU_SM_DDH11-20	RDU_SM_613651	ASSAY	WHI11001737	65.3	66.03		2.52	0.1	0.4	33.8	1		10	146	0.1	0.52	0.05	10.8	11	19.8
RDU_SM_DDH11-20	RDU_SM_613652	ASSAY	WHI11001737	66.03	67.5		5.13	0.3	0.51	57.3	1		10	243	0.3	1.24	0.2	17.8	14	41.3
RDU_SM_DDH11-20	RDU_SM_613653	ASSAY	WHI11001737	67.5	68.99		4.42	0.1	0.49	22.7	1		10	315	0.1	1.53	0.3	17.2	57	33.3
RDU_SM_DDH11-20	RDU_SM_613654	ASSAY	WHI11001737	68.99	70.5		4.22	0.1	0.45	22.6	1		10	340	0.05	0.9	0.2	18.5	54	49.5
RDU_SM_DDH11-20	RDU_SM_613655	ASSAY	WHI11001737	70.5	72		4.31	0.3	0.5	41.4	1		10	211	0.2	2.08	0.4	18.2	65	37.6
RDU_SM_DDH11-20	RDU_SM_613656	ASSAY	WHI11001737	72	73.5		4.63	0.4	0.43	54.5	1		10	204	0.1	0.94	0.2	10.8	12	38.7
RDU_SM_DDH11-20	RDU_SM_613658	ASSAY	WHI11001737	73.5	75		4.65	0.7	0.41	104.9	1		10	254	0.2	1.33	0.3	14.4	12	49.6
RDU_SM_DDH11-20	RDU_SM_613659	ASSAY	WHI11001737	75	76.5		4.85	0.3	0.5	25.5	1		10	206	0.2	0.81	0.2	13.1	7	38.7
RDU_SM_DDH11-20	RDU_SM_613660	ASSAY	WHI11001737	76.5	77.02		1.53	0.3	0.45	474.1	13		10	142	0.3	0.63	0.4	14.7	10	39.4
RDU_SM_DDH11-20	RDU_SM_613661	ASSAY	WHI11001737	77.02	78.5		5.53	0.6	0.83	8.3	1		10	223	1	1.16	0.2	15.7	37	31.5
RDU_SM_DDH11-20	RDU_SM_613662	ASSAY	WHI11001737	78.5	80		5.12	0.1	0.43	9.8	1		10	102	0.3	0.76	0.05	11.9	9	25.2
RDU_SM_DDH11-20	RDU_SM_613663	ASSAY	WHI11001737	80	81.5		4.92	0.2	0.45	14	1		10	102	0.3	0.78	0.05	14.8	10	33.4
RDU_SM_DDH11-20	RDU_SM_613664	ASSAY	WHI11001737	81.5	83		5.42	0.5	0.41	1107.1	23		10	125	0.2	1.22	0.2	12.5	10	36.1
RDU_SM_DDH11-20	RDU_SM_613665	ASSAY	WHI11001737	83	84.5		5.07	0.4	0.54	58.7	1		10	141	0.2	0.78	0.05	13.5	9	26.2
RDU_SM_DDH11-20	RDU_SM_613666	ASSAY	WHI11001737	84.5	86.07		5.7	3.2	0.52	935.5	11		10	168	0.2	1.48	0.1	12.9	13	25.4
RDU_SM_DDH11-20	RDU_SM_613667	ASSAY	WHI11001737	86.07	87.52		2.27	1.2	0.37	2628.8	61		10	180	0.2	0.63	0.1	16.2	6	38.8
RDU_SM_DDH11-20	RDU_SM_613668	FieldDup	WHI11001737	86.07	87.52	DUP of 613667	2.05	1	0.4	1975.4	45		10	181	0.3	0.7	0.1	16.2	8	37
RDU_SM_DDH11-20	RDU_SM_613669	ASSAY	WHI11001737	87.52	89		4.21	1.1	0.43	730.1	144		10	145	0.3	1.33	0.05	11.4	5	25
RDU_SM_DDH11-20	RDU_SM_613670	ASSAY	WHI11001737	89	90.6		5.74	0.2	0.45	35.4	1		10	112	0.2	0.93	0.05	11.5	8	22
RDU_SM_DDH11-20	RDU_SM_613671	ASSAY	WHI11001737	90.6	91.92		4.33	0.4	0.41	65	1		10	189	0.2	0.6	0.1	6.8	9	46.1
RDU_SM_DDH11-20	RDU_SM_613672	ASSAY	WHI11001737	91.92	93.5		3.72	1	0.31	2378.7	39		10	257	0.05	0.6	0.3	10.1	11	34.9

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-20	2.97	5	0.005	0.27	2	1.49	539	0.05	0.066	16.9	0.066	1.6	0.025	0.3	5.5	0.25	63	0.4	0.059	0.05	0.1	88	0.05	55
RDU_SM_DDH11-20	3.8	6	0.005	0.24	3	1.83	757	0.05	0.054	29.8	0.069	1.8	0.06	0.3	9.8	0.25	80	0.6	0.035	0.05	0.1	116	0.05	60
RDU_SM_DDH11-20	4.43	6	0.05	0.35	8	2.07	980	0.2	0.009	18.5	0.071	2.5	0.025	0.2	11.5	0.25	52	1.8	0.006	0.05	0.1	104	0.05	81
RDU_SM_DDH11-20	4.24	7	0.005	0.25	2	1.9	868	0.05	0.053	28.2	0.064	1.6	0.06	0.4	9.9	0.25	93	0.3	0.052	0.05	0.1	147	0.05	68
RDU_SM_DDH11-20	4.6	7	0.02	0.37	3	2.02	992	0.05	0.03	33.1	0.068	1.3	0.025	0.1	13.5	0.25	91	0.4	0.035	0.05	0.1	157	0.05	80
RDU_SM_DDH11-20	4.88	8	0.005	0.32	3	2.19	839	0.05	0.035	31.8	0.064	1.2	0.025	0.2	12.3	0.25	74	0.5	0.054	0.05	0.1	177	0.05	76
RDU_SM_DDH11-20	5.33	10	0.01	0.11	4	2.34	1181	0.05	0.024	28.6	0.067	1.8	0.06	0.3	15	0.25	188	0.6	0.025	0.05	0.1	209	0.05	81
RDU_SM_DDH11-20	3.9	6	0.005	0.33	2	1.78	700	0.05	0.068	26.3	0.056	0.8	0.025	0.2	10.9	0.25	67	0.2	0.058	0.05	0.1	136	0.05	58
RDU_SM_DDH11-20	5.08	9	0.005	0.36	3	2.18	808	0.05	0.051	26.1	0.06	0.9	0.025	0.3	13.6	0.25	68	0.3	0.055	0.05	0.1	163	0.05	72
RDU_SM_DDH11-20	4.82	7	0.02	0.38	3	2.07	904	0.05	0.054	22.2	0.06	1.1	0.06	0.3	13.2	0.25	102	0.4	0.054	0.05	0.1	145	0.05	63
RDU_SM_DDH11-20	5.93	7	0.04	0.58	5	2.5	1035	0.05	0.029	27.3	0.059	2.1	0.025	0.3	19.3	0.25	97	0.5	0.04	0.2	0.1	159	0.05	77
RDU_SM_DDH11-20	6.15	8	0.005	0.42	5	2.85	1157	0.05	0.018	22.2	0.051	2.9	0.025	0.2	22.3	0.25	81	0.6	0.014	0.1	0.1	166	0.05	78
RDU_SM_DDH11-20	6.13	8	0.005	0.34	5	3.26	1226	0.1	0.018	16.1	0.042	3.2	0.025	0.05	21.3	0.25	83	0.6	0.005	0.1	0.1	161	0.05	106
RDU_SM_DDH11-20	6.04	8	0.005	0.35	5	3.22	1216	0.1	0.017	15.2	0.046	3.1	0.06	0.05	21.7	0.25	83	0.6	0.005	0.1	0.1	159	0.05	100
RDU_SM_DDH11-20	5.91	6	0.04	0.15	5	3.49	1512	0.1	0.025	12.9	0.043	7.3	0.06	0.05	17.6	0.25	127	0.6	0.002	0.05	0.1	144	0.05	78
RDU_SM_DDH11-20	4.31	3	0.03	0.35	12	2.53	1122	0.1	0.016	13.6	0.036	21.5	0.05	0.05	13.9	0.25	109	5.9	0.004	0.1	0.1	93	0.05	71
RDU_SM_DDH11-20	1.19	0.5	0.01	0.22	16	0.55	218	1.5	0.007	9.9	0.018	28.6	0.23	0.3	0.7	0.8	35	10	0.0005	0.05	0.1	3	0.05	49
RDU_SM_DDH11-20	2.12	1	0.02	0.24	17	0.6	1458	2.5	0.007	38.4	0.061	11	0.31	0.5	2.1	1.6	57	6	0.002	0.1	0.1	15	0.05	69
RDU_SM_DDH11-20	2.15	2	0.005	0.21	16	0.63	2138	1.8	0.007	54	0.039	11.1	0.16	0.4	3.9	0.9	43	6.2	0.003	0.1	0.1	20	0.05	80
RDU_SM_DDH11-20	2.6	2	0.005	0.23	16	0.83	880	1.3	0.008	71.6	0.049	10	0.16	0.3	4	0.7	57	6	0.003	0.05	0.1	25	0.05	79
RDU_SM_DDH11-20	2.59	1	0.005	0.21	13	1.27	936	1.6	0.006	116.6	0.048	11.7	0.25	0.3	3.1	0.7	102	5.6	0.001	0.05	0.1	18	0.05	84
RDU_SM_DDH11-20	2.52	1	0.005	0.22	15	0.88	626	2	0.009	53.3	0.047	11.6	0.46	0.05	3.2	1.3	43	6.5	0.001	0.05	0.1	20	0.05	67
RDU_SM_DDH11-20	2.94	2	0.005	0.25	15	0.99	734	1.1	0.009	92.2	0.043	12.3	0.34	0.1	3.6	0.8	65	6.9	0.001	0.1	0.1	22	0.05	92
RDU_SM_DDH11-20	4.2	2	0.005	0.31	31	1.39	761	0.6	0.011	48.3	0.041	19.1	0.12	0.05	5.9	0.25	53	13.8	0.001	0.1	0.1	28	0.05	117
RDU_SM_DDH11-20	3.9	1	0.005	0.3	32	0.94	653	0.3	0.011	33.8	0.033	12.5	0.21	0.05	4.3	0.25	31	14.3	0.001	0.1	0.1	14	0.05	68
RDU_SM_DDH11-20	2.2	1	0.005	0.22	18	0.62	523	0.7	0.009	28	0.025	10.7	0.13	0.2	2.5	0.25	32	8.8	0.0005	0.05	0.1	12	0.05	60
RDU_SM_DDH11-20	3.13	1	0.005	0.3	20	0.81	864	1	0.007	50.6	0.069	18.3	0.23	0.4	2.9	0.7	85	10.3	0.002	0.1	0.1	13	0.05	78
RDU_SM_DDH11-20	2.44	2	0.005	0.19	10	1.17	772	1	0.006	159.6	0.027	9.2	0.13	0.4	3.8	0.7	95	5	0.002	0.05	0.1	34	0.05	103
RDU_SM_DDH11-20	2.5	1	0.01	0.16	8	0.51	477	2.5	0.004	161	0.055	5.3	0.07	0.3	2.8	0.7	68	3.3	0.002	0.05	0.1	34	0.05	86
RDU_SM_DDH11-20	2.79	1	0.01	0.24	17	1.18	1330	0.9	0.006	142.3	0.035	15.7	0.17	0.2	2.5	0.8	120	9.6	0.001	0.05	0.1	14	0.05	138
RDU_SM_DDH11-20	2.28	0.5	0.005	0.26	20	0.58	622	0.4	0.005	27.7	0.02	17	0.15	0.1	2.1	0.25	59	10.3	0.0005	0.05	0.1	6	0.05	73
RDU_SM_DDH11-20	2.27	0.5	0.005	0.28	15	0.75	1728	0.9	0.007	47.4	0.044	16.2	0.15	0.2	2.3	0.7	83	7.2	0.001	0.05	0.1	8	0.05	87
RDU_SM_DDH11-20	2.62	1	0.01	0.28	28	0.56	550	0.5	0.008	36.4	0.042	21.5	0.11	0.2	1.9	0.25	51	13.2	0.002	0.1	0.1	9	0.05	105
RDU_SM_DDH11-20	3.41	1	0.02	0.28	28	0.58	618	1.1	0.009	33.5	0.046	18.5	0.3	0.5	2.1	0.6	44	15	0.003	0.2	0.1	10	0.05	140
RDU_SM_DDH11-20	3.62	3	0.005	0.44	29	1.71	603	1.1	0.016	47.2	0.043	59.2	0.15	0.3	4.7	0.25	48	12.9	0.03	0.2	0.1	36	0.05	134
RDU_SM_DDH11-20	2.79	1	0.005	0.27	28	0.79	609	0.3	0.013	22.7	0.035	19.9	0.06	0.1	2	0.25	37	14.1	0.002	0.1	0.1	8	0.05	73
RDU_SM_DDH11-20	3.18	1	0.005	0.28	29	0.85	603	0.3	0.01	24.8	0.036	15.9	0.08	0.2	2.4	0.25	37	13.9	0.001	0.1	0.1	9	0.05	63
RDU_SM_DDH11-20	2.69	1	0.005	0.29	22	0.89	552	0.4	0.011	21.8	0.037	12.8	0.23	0.3	2.5	0.25	62	12.8	0.001	0.1	0.1	8	0.05	78
RDU_SM_DDH11-20	2.81	2	0.01	0.36	27	0.79	551	0.3	0.014	22.1	0.043	22.6	0.11	0.4	2.6	0.25	46	14	0.005	0.3	0.1	11	0.05	64
RDU_SM_DDH11-20	2.62	2	0.01	0.36	26	0.99	710	0.4	0.013	31.2	0.051	13.5	0.07	2.9	2.7	0.25	117	12.2	0.003	0.2	0.1	10	0.05	54
RDU_SM_DDH11-20	2.88	0.5	0.02	0.31	25	0.59	623	0.3	0.007	27.5	0.037	11.5	0.24	0.7	2.4	0.25	47	14.2	0.001	0.1	0.1	6	0.05	67
RDU_SM_DDH11-20	2.89	0.5	0.01	0.33	24	0.61	697	0.3	0.008	26.8	0.037	12.1	0.21	0.5	2.3	0.25	49	13.7	0.001	0.1	0.1	6	0.05	66
RDU_SM_DDH11-20	2.27	1	0.005	0.27	16	0.81	638	0.2	0.007	20	0.038	14.2	0.26	0.6	1.2	0.25	82	10.9	0.001	0.05	0.1	5	0.05	39
RDU_SM_DDH11-20	2.61	1	0.005	0.25	26	0.82	688	0.3	0.006	23.9	0.039	11.4	0.08	0.2	1.7	0.25	44	12.9	0.001	0.05	0.1	8	0.05	57
RDU_SM_DDH11-20	2.18	1	0.005	0.28	21	0.44	631	1.1	0.008	27.3	0.081	8.2	0.16	0.5	1.8	1.2	35	7.7	0.002	0.1	0.1	15	0.05	52
RDU_SM_DDH11-20	1.96	0.5	0.01	0.21	12	0.22	314	0.9	0.006	33.9	0.043	14.9	0.16	1.2	1.3	0.7	75	4.4	0.001	0.1	0.1	12	0.3	75

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-20	RDU_SM_613673	ASSAY	WHI11001722	93.5	95		4.73	0.9	0.31	1000.1	11		10	199	0.2	0.63	0.3	13.7	8	49
RDU_SM_DDH11-20	RDU_SM_613674	ASSAY	WHI11001722	95	96.5		4.47	0.9	0.2	311.9	4		10	300	0.2	0.07	0.5	5.4	10	44
RDU_SM_DDH11-20	RDU_SM_613675	ASSAY	WHI11001722	96.5	98		4.68	1.8	0.25	1721.6	36		10	192	0.3	0.87	0.9	11.2	6	68.7
RDU_SM_DDH11-20	RDU_SM_613676	ASSAY	WHI11001722	98	99.2		3.82	0.3	0.21	70.8	1		10	145	0.1	1.51	0.3	8.8	8	53.2
RDU_SM_DDH11-20	RDU_SM_613678	ASSAY	WHI11001722	99.2	100.3		1.88	0.3	0.3	142.7	1		10	212	0.1	0.5	0.3	12.9	10	57.3
RDU_SM_DDH11-20	RDU_SM_613679	ASSAY	WHI11001722	100.3	101.29		2.96	0.3	0.87	245.1	1		10	600	0.1	2.51	0.3	44.7	52	53.1
RDU_SM_DDH11-20	RDU_SM_613680	ASSAY	WHI11001722	101.29	102.47		3.09	1	0.36	49.7	3		10	257	0.2	0.66	0.9	15	11	78.4
RDU_SM_DDH11-20	RDU_SM_613681	ASSAY	WHI11001722	102.47	103.97		4.79	0.5	0.27	28.3	1		10	175	0.2	0.22	0.3	12.1	8	47.5
RDU_SM_DDH11-20	RDU_SM_613682	ASSAY	WHI11001722	103.97	105.47		5.24	0.4	0.24	23	1		10	200	0.2	0.38	0.1	6	4	30.6
RDU_SM_DDH11-20	RDU_SM_613683	ASSAY	WHI11001722	105.47	107.05		5.06	0.5	0.26	54.2	7		10	183	0.5	0.28	0.2	5.9	5	32.7
RDU_SM_DDH11-20	RDU_SM_613684	ASSAY	WHI11001722	107.05	108.51		3.86	0.3	0.21	45.2	1		10	120	0.1	0.26	0.1	6.3	3	26
RDU_SM_DDH11-20	RDU_SM_613685	ASSAY	WHI11001722	108.51	110.06		5.19	0.8	0.24	1254.1	17		10	171	0.2	0.75	0.4	8	8	56.9
RDU_SM_DDH11-20	RDU_SM_613686	ASSAY	WHI11001722	110.06	111.55		3.91	0.7	0.28	690.8	27		10	160	0.3	0.99	0.3	15.4	4	46.4
RDU_SM_DDH11-20	RDU_SM_613688	ASSAY	WHI11001722	111.55	113.08		5.35	0.5	0.35	220.7	3		10	153	0.5	0.85	0.3	15.2	10	46.9
RDU_SM_DDH11-20	RDU_SM_613689	ASSAY	WHI11001722	113.08	114.8		3.1	0.9	0.24	379.9	33		10	431	0.7	0.47	0.5	8.7	9	41.2
RDU_SM_DDH11-20	RDU_SM_613690	ASSAY	WHI11001722	114.8	116.05		2.73	0.2	0.32	66.1	2		10	189	0.2	1.13	0.2	7.1	0.5	10.9
RDU_SM_DDH11-20	RDU_SM_613691	ASSAY	WHI11001722	116.05	117.11		2.66	0.4	0.42	88.8	1		10	160	0.5	1.37	0.05	5.1	2	7.9
RDU_SM_DDH11-20	RDU_SM_613692	ASSAY	WHI11001722	117.11	118.22		2.72	0.1	0.36	35.8	8		10	128	0.05	0.78	0.3	3	0.5	2.9
RDU_SM_DDH11-20	RDU_SM_613693	ASSAY	WHI11001722	118.22	119.5		3.76	2.6	0.44	875.6	186		10	263	0.2	3.96	0.5	23	10	73.2
RDU_SM_DDH11-20	RDU_SM_613694	ASSAY	WHI11001722	119.5	121.05		5.36	2.9	0.47	196.8	49		10	274	0.05	4.32	0.3	17.6	7	115.4
RDU_SM_DDH11-20	RDU_SM_613695	ASSAY	WHI11001722	121.05	122.5		3.85	1.2	0.26	59.6	21		10	101	0.5	2.4	0.3	5.3	5	31.6
RDU_SM_DDH11-20	RDU_SM_613696	ASSAY	WHI11001722	122.5	123.97		5.59	1.3	0.49	44	8		10	446	0.05	3.48	0.5	20.8	11	133.9
RDU_SM_DDH11-20	RDU_SM_613697	ASSAY	WHI11001722	123.97	125.5		2.8	0.5	0.68	29.4	1		10	365	0.05	3.74	0.3	20.6	26	67
RDU_SM_DDH11-20	RDU_SM_613698	FieldDup	WHI11001722	123.97	125.5	DUP of 613697	2.36	0.6	0.81	32.2	1		10	238	0.05	3.73	0.3	25.6	26	88.8
RDU_SM_DDH11-20	RDU_SM_613699	ASSAY	WHI11001722	125.5	127.09		5.25	0.4	2.64	4.8	3		10	517	0.05	2.85	0.05	26.4	30	130.9
RDU_SM_DDH11-20	RDU_SM_613700	ASSAY	WHI11001722	127.09	128.5		4.94	0.05	2.1	1.5	1		10	409	0.05	2.33	0.05	20.1	15	91.1
RDU_SM_DDH11-20	RDU_SM_613701	ASSAY	WHI11001722	128.5	130		5.14	0.05	2.4	1.2	5		10	281	0.05	2.44	0.05	21.9	33	121.2
RDU_SM_DDH11-20	RDU_SM_613702	ASSAY	WHI11001722	130	131.44		4.65	0.05	2.13	1.4	7		10	379	0.05	2.21	0.05	19.1	84	84.8
RDU_SM_DDH11-20	RDU_SM_613703	ASSAY	WHI11001722	131.44	133		4.93	0.05	2.73	0.8	1		10	438	0.05	2.65	0.05	22.7	36	93.6
RDU_SM_DDH11-20	RDU_SM_613704	ASSAY	WHI11001722	133	134.35		4.64	0.05	2.59	1.3	3		10	279	0.05	1.96	0.05	22.1	26	140.8
RDU_SM_DDH11-20	RDU_SM_613705	ASSAY	WHI11001722	134.35	136		6.14	0.05	2.26	1	16		10	299	0.05	2.58	0.05	23.3	26	187.7
RDU_SM_DDH11-20	RDU_SM_613706	ASSAY	WHI11001722	136	137.55		5.2	0.1	2.97	1.8	1		10	254	0.05	2.51	0.05	22.9	23	135.8
RDU_SM_DDH11-20	RDU_SM_613708	ASSAY	WHI11001722	137.55	139.06		5.14	0.1	2.93	1.1	4		10	197	0.05	2.5	0.05	24.8	42	140.5
RDU_SM_DDH11-20	RDU_SM_613709	ASSAY	WHI11001722	139.06	140.5		4.8	0.2	2.76	1.6	8		10	649	0.05	2.9	0.1	24	25	164.7
RDU_SM_DDH11-20	RDU_SM_613710	ASSAY	WHI11001722	140.5	142.02		5.24	0.1	3.31	1.3	1		10	495	0.05	2.2	0.05	26.2	23	104.6
RDU_SM_DDH11-20	RDU_SM_613711	ASSAY	WHI11001722	142.02	143.45		4.35	0.3	2.63	1.1	8		10	546	0.05	3.63	0.05	25.1	33	135.2
RDU_SM_DDH11-20	RDU_SM_613712	ASSAY	WHI11001722	143.45	145		4.74	0.1	0.38	1.6	1		10	271	0.2	1.95	0.1	2.5	0.5	6.4
RDU_SM_DDH11-20	RDU_SM_613713	ASSAY	WHI11001722	145	146.5		4.82	0.1	0.45	1.1	1		10	229	0.2	1.18	0.1	0.9	0.5	3
RDU_SM_DDH11-20	RDU_SM_613714	ASSAY	WHI11001722	146.5	148.02		4.35	0.05	0.35	1.2	1		10	192	0.1	0.98	0.05	1.4	2	2.5
RDU_SM_DDH11-20	RDU_SM_613715	ASSAY	WHI11001722	148.02	149.5		5.05	0.1	0.42	3.9	1		10	281	0.1	0.91	0.1	1.4	0.5	4.3
RDU_SM_DDH11-20	RDU_SM_613716	ASSAY	WHI11001722	149.5	151.03		4.71	0.2	0.34	1.7	1		10	252	0.3	1.06	0.05	0.8	2	4.7
RDU_SM_DDH11-20	RDU_SM_613718	ASSAY	WHI11001722	151.03	152.55		5.04	0.3	0.3	3.7	1		10	159	0.2	1.03	0.3	0.6	4	8.2
RDU_SM_DDH11-20	RDU_SM_613719	ASSAY	WHI11001722	152.55	153.5		2.78	0.1	0.38	1.7	1		10	390	0.2	0.69	0.1	1.5	0.5	5.4
RDU_SM_DDH11-20	RDU_SM_613720	ASSAY	WHI11001722	153.5	154.48		2.91	0.2	0.36	2.3	1		10	294	0.2	0.82	0.2	1.9	2	6.3
RDU_SM_DDH11-20	RDU_SM_613721	ASSAY	WHI11001722	154.48	156		4.91	0.2	2.93	0.8	3		10	832	0.1	2.06	0.1	24.9	68	100.9
RDU_SM_DDH11-20	RDU_SM_613722	ASSAY	WHI11001722	156	157.56		5.18	0.1	1.9	0.7	1		10	491	0.05	1.58	0.05	14.8	37	115.5

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-20	2.77	0.5	0.02	0.2	8	0.29	586	1.3	0.006	42.6	0.046	17.8	0.3	1.8	1.3	1.3	50	3.9	0.001	0.2	0.1	11	0.1	69
RDU_SM_DDH11-20	1.67	0.5	0.04	0.13	6	0.02	164	2.5	0.004	22.9	0.052	21.5	0.1	1.5	0.8	2.2	53	2.1	0.002	0.2	0.1	13	0.1	82
RDU_SM_DDH11-20	2.45	0.5	0.03	0.16	6	0.36	1287	2.4	0.006	45	0.084	15.7	0.23	3	1.4	2.9	66	2.4	0.002	0.1	0.1	14	0.1	118
RDU_SM_DDH11-20	1.86	0.5	0.02	0.13	6	0.69	1334	1.8	0.004	23.6	0.096	5.8	0.14	1	1.2	1.2	68	1.9	0.002	0.1	0.1	10	0.05	42
RDU_SM_DDH11-20	2.35	1	0.02	0.14	8	0.27	790	1.9	0.005	37.1	0.053	5.2	0.2	1.3	1.5	1.3	25	3.7	0.002	0.05	0.1	18	0.05	81
RDU_SM_DDH11-20	4.96	2	0.07	0.15	6	1.6	1201	2	0.003	77.6	0.061	10.6	0.16	0.6	18.6	0.9	61	2	0.0005	0.1	0.1	82	0.2	171
RDU_SM_DDH11-20	3.01	0.5	0.02	0.21	8	0.47	361	2.8	0.004	63.8	0.057	45.8	0.62	1	1.6	3.5	55	4.4	0.001	0.1	0.1	18	0.05	174
RDU_SM_DDH11-20	2.6	0.5	0.01	0.18	9	0.4	280	1.3	0.004	39.7	0.031	13.6	0.23	0.9	1.2	1.5	27	4.4	0.001	0.05	0.1	11	0.05	95
RDU_SM_DDH11-20	1.68	0.5	0.01	0.16	8	0.27	160	0.9	0.004	23.7	0.022	17	0.36	0.5	1	1.4	18	3.7	0.0005	0.1	0.1	7	0.05	47
RDU_SM_DDH11-20	1.56	0.5	0.005	0.17	7	0.21	170	0.6	0.004	20.1	0.019	38.2	0.21	0.5	0.9	1.1	20	6.2	0.0005	0.05	0.1	5	0.1	60
RDU_SM_DDH11-20	1.29	0.5	0.005	0.15	7	0.2	150	1	0.004	19.3	0.018	9.1	0.23	0.5	0.8	1.1	18	3.1	0.001	0.05	0.1	6	0.05	36
RDU_SM_DDH11-20	2.26	0.5	0.01	0.18	7	0.52	301	1.5	0.005	29.1	0.022	16.9	0.53	0.9	1.5	1.3	49	4.4	0.0005	0.1	0.1	13	0.1	63
RDU_SM_DDH11-20	3.01	0.5	0.04	0.2	7	0.62	1113	3.1	0.007	36.4	0.053	13.4	0.8	0.9	1.2	1.7	82	4.5	0.001	0.2	0.2	8	0.2	73
RDU_SM_DDH11-20	2.99	1	0.02	0.23	12	0.76	1379	0.9	0.008	40.1	0.039	10.4	0.43	0.5	1.3	0.9	44	7.3	0.001	0.1	0.1	7	0.05	79
RDU_SM_DDH11-20	1.67	0.5	0.02	0.14	8	0.27	364	1.8	0.005	36.4	0.029	47.8	0.26	1.1	0.9	2	73	6.5	0.0005	0.05	0.1	9	0.05	119
RDU_SM_DDH11-20	0.95	0.5	0.005	0.2	18	0.58	263	0.4	0.006	9.5	0.004	16.4	0.025	0.2	0.9	0.25	66	15	0.0005	0.05	0.1	1	0.05	41
RDU_SM_DDH11-20	0.9	0.5	0.005	0.19	17	0.63	300	0.5	0.007	6	0.005	5.4	0.025	0.2	1.8	0.25	83	14.8	0.0005	0.05	0.1	1	0.05	33
RDU_SM_DDH11-20	1.06	0.5	0.01	0.19	23	0.47	198	0.4	0.012	5.8	0.007	6.3	0.025	0.3	1.5	0.25	47	15.1	0.0005	0.05	0.1	6	0.05	36
RDU_SM_DDH11-20	3.75	1	0.005	0.27	4	1.94	946	0.2	0.007	27.1	0.057	77.1	0.27	0.6	7.3	0.25	305	2.3	0.001	0.1	0.1	30	0.05	99
RDU_SM_DDH11-20	4.4	1	0.005	0.3	2	2.01	1139	0.7	0.006	25.2	0.059	13.5	0.26	0.5	7.5	0.25	404	0.7	0.0005	0.1	0.1	30	0.05	72
RDU_SM_DDH11-20	1.52	0.5	0.005	0.09	6	0.99	586	0.2	0.003	5.5	0.003	75.7	0.09	0.4	2.8	0.25	173	7.4	0.0005	0.05	0.1	5	0.05	33
RDU_SM_DDH11-20	4.12	2	0.005	0.27	5	1.87	988	0.5	0.026	25	0.054	54	0.29	0.4	8.5	0.25	266	3.4	0.002	0.1	0.1	61	0.05	98
RDU_SM_DDH11-20	4.8	2	0.01	0.25	2	2.39	1078	0.05	0.021	36.7	0.054	25.4	0.2	0.4	8.5	0.25	222	0.8	0.007	0.05	0.1	76	0.05	96
RDU_SM_DDH11-20	4.85	3	0.005	0.3	3	2.42	988	0.05	0.03	34.4	0.055	26.2	0.18	0.3	8.9	0.25	218	1	0.007	0.1	0.1	83	0.05	95
RDU_SM_DDH11-20	5.25	8	0.005	0.25	5	2.91	977	0.5	0.042	27.9	0.069	4.4	0.29	0.9	12.9	0.25	94	0.8	0.021	0.05	0.1	167	0.05	74
RDU_SM_DDH11-20	4.03	5	0.005	0.65	5	2.2	820	0.7	0.051	15.9	0.06	1.6	0.08	0.2	9.7	0.25	85	1	0.055	0.2	0.1	89	0.05	59
RDU_SM_DDH11-20	4.08	7	0.005	0.34	3	2.11	725	0.05	0.07	25.4	0.06	0.7	0.025	0.3	10.5	0.25	110	0.4	0.052	0.05	0.1	138	0.05	59
RDU_SM_DDH11-20	3	5	0.005	0.2	1	2.09	631	0.05	0.097	35.9	0.045	1	0.025	0.5	8.8	0.25	89	0.3	0.039	0.05	0.1	85	0.05	44
RDU_SM_DDH11-20	4.38	7	0.02	0.65	4	2.73	873	0.05	0.03	25.3	0.055	1.4	0.05	0.2	13	0.25	90	0.8	0.052	0.05	0.1	130	0.05	65
RDU_SM_DDH11-20	4.25	8	0.01	0.46	2	2.28	738	0.05	0.095	22.9	0.066	0.8	0.025	0.4	9.7	0.25	61	0.4	0.081	0.05	0.1	169	0.05	64
RDU_SM_DDH11-20	4.05	6	0.02	0.41	2	2.09	747	0.05	0.046	25.2	0.061	1.1	0.06	0.4	10.2	0.25	72	0.4	0.051	0.05	0.1	146	0.05	63
RDU_SM_DDH11-20	4.82	10	0.005	0.51	3	2.32	893	0.4	0.111	20.3	0.087	4.3	0.025	0.4	14.6	0.25	65	0.6	0.095	0.05	0.1	201	0.05	69
RDU_SM_DDH11-20	5	10	0.005	0.46	3	2.68	831	0.3	0.076	30.5	0.067	1.6	0.025	0.4	15	0.25	75	0.5	0.071	0.05	0.1	195	0.05	74
RDU_SM_DDH11-20	4.93	9	0.04	0.38	7	2.48	901	0.6	0.035	25	0.083	2.5	0.12	0.2	18.3	0.7	90	1.1	0.017	0.1	0.1	171	0.05	71
RDU_SM_DDH11-20	5.64	11	0.01	0.78	7	2.95	806	0.2	0.031	23.2	0.068	2	0.025	0.2	19.8	0.25	71	1	0.058	0.2	0.1	203	0.05	83
RDU_SM_DDH11-20	5.36	10	0.05	0.74	7	2.89	1104	0.05	0.039	26	0.054	3.5	0.15	0.2	22.1	0.25	118	0.9	0.061	0.3	0.1	196	0.05	83
RDU_SM_DDH11-20	0.99	1	0.005	0.24	38	0.9	303	0.3	0.016	1.8	0.005	12.7	0.025	0.3	1.9	0.6	87	19.8	0.001	0.1	0.1	1	0.05	31
RDU_SM_DDH11-20	0.62	2	0.01	0.26	26	0.54	176	0.2	0.033	0.8	0.002	10.4	0.025	0.2	1.9	0.5	70	17.1	0.0005	0.1	0.1	1	0.05	24
RDU_SM_DDH11-20	0.63	1	0.005	0.22	26	0.45	155	0.05	0.019	0.5	0.002	6	0.025	0.05	1.4	0.6	69	16.2	0.0005	0.05	0.1	1	0.05	23
RDU_SM_DDH11-20	0.75	2	0.005	0.27	27	0.41	153	0.4	0.028	0.7	0.003	8.8	0.16	0.1	1.6	0.25	57	17.8	0.0005	0.1	0.1	1	0.05	23
RDU_SM_DDH11-20	0.82	1	0.005	0.22	27	0.54	155	0.2	0.017	0.9	0.004	17.5	0.06	0.1	1.6	0.6	90	16.6	0.0005	0.05	0.1	1	0.05	37
RDU_SM_DDH11-20	0.86	2	0.005	0.23	38	0.47	226	0.5	0.027	1.3	0.011	33.5	0.14	0.3	1.5	0.6	50	20.7	0.0005	0.05	0.1	1	0.05	46
RDU_SM_DDH11-20	0.95	2	0.005	0.23	48	0.4	146	0.5	0.032	1.2	0.003	20.8	0.2	0.1	1.2	0.9	48	24.5	0.002	0.1	0.1	1	0.05	48
RDU_SM_DDH11-20	0.87	2	0.005	0.21	44	0.47	163	0.2	0.032	1.4	0.007	20.9	0.09	0.2	1.1	0.5	58	22.9	0.001	0.05	0.1	1	0.05	44
RDU_SM_DDH11-20	4.8	8	0.005	1.68	6	3.22	1061	0.05	0.043	43	0.066	4.3	0.025	0.05	16	0.25	78	0.9	0.153	0.4	0.1	150	0.05	81
RDU_SM_DDH11-20	3.16	6	0.005	0.72	13	1.89	617	0.1	0.059	22.1	0.043	2.5	0.025	0.1	9.5	0.25	69	5.2	0.078	0.1	0.1	106	0.05	56

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-20	RDU_SM_613723	ASSAY	WHI11001722	157.56	159		5.38	0.2	2.68	0.8	2		10	629	0.05	2.11	0.1	19.4	30	106.4
RDU_SM_DDH11-20	RDU_SM_613724	ASSAY	WHI11001722	159	160.55		5.14	0.05	3.44	0.9	4		10	660	0.05	2.42	0.05	24.5	47	148.4
RDU_SM_DDH11-20	RDU_SM_613725	ASSAY	WHI11001722	160.55	162		5.09	0.4	3.12	0.8	4		10	445	0.05	2.78	0.1	24.1	28	185.2
RDU_SM_DDH11-20	RDU_SM_613726	ASSAY	WHI11001722	162	163.5		4.79	0.05	3.6	0.25	1		10	584	0.05	2.96	0.1	26.7	41	130.9
RDU_SM_DDH11-20	RDU_SM_613727	ASSAY	WHI11001722	163.5	165		2.57	0.05	2.53	1.3	1		10	773	0.05	2.63	0.05	24.9	44	51
RDU_SM_DDH11-20	RDU_SM_613728	FieldDup	WHI11001722	163.5	165	DUP of 613727	2.74	0.1	2.53	0.9	1		10	651	0.05	2.86	0.05	25	58	81.4
RDU_SM_DDH11-20	RDU_SM_613729	ASSAY	WHI11001722	165	166.5		4.53	0.05	2.53	0.6	1		10	767	0.05	2.45	0.05	24.7	22	60.4
RDU_SM_DDH11-20	RDU_SM_613730	ASSAY	WHI11001722	166.5	167.15		2.02	0.05	0.84	2.1	1		10	938	0.05	3.07	0.05	20.2	13	44.2
RDU_SM_DDH11-20	RDU_SM_613731	ASSAY	WHI11001722	167.15	168.52		4.54	0.2	0.44	19.6	5		10	263	0.05	3.85	0.1	14.4	5	124.3
RDU_SM_DDH11-20	RDU_SM_613732	ASSAY	WHI11001722	168.52	170.03		4.37	0.1	0.32	7.6	3		10	375	0.1	0.82	0.05	1.1	3	15.8
RDU_SM_DDH11-20	RDU_SM_613733	ASSAY	WHI11001722	170.03	171.52		4.76	0.1	0.33	12.7	4		10	493	0.1	0.7	0.1	0.9	0.5	7.5
RDU_SM_DDH11-20	RDU_SM_613734	ASSAY	WHI11001722	171.52	173		4.79	0.1	0.33	4.2	1		10	182	0.1	0.68	0.05	1.4	3	8.4
RDU_SM_DDH11-20	RDU_SM_613735	ASSAY	WHI11001722	173	174.5		4.8	0.1	0.35	6.3	1		10	434	0.1	0.73	0.1	1	0.5	6.3
RDU_SM_DDH11-20	RDU_SM_613736	ASSAY	WHI11001722	174.5	176		4.19	0.2	0.34	5.2	1		10	339	0.2	1.43	0.1	3.2	4	6.6
RDU_SM_DDH11-20	RDU_SM_613738	ASSAY	WHI11001722	176	177.5		4.53	0.2	0.44	4.4	2		10	289	0.2	0.8	0.2	12.2	7	35.6
RDU_SM_DDH11-20	RDU_SM_613739	ASSAY	WHI11001722	177.5	179.05		4.72	0.3	0.37	13.1	1		10	188	0.2	1.05	0.05	12.1	9	43
RDU_SM_DDH11-20	RDU_SM_613740	ASSAY	WHI11001722	179.05	180		3.26	0.5	0.37	302.2	41		10	163	0.1	3.61	0.3	14.4	8	27.1
RDU_SM_DDH11-20	RDU_SM_613741	ASSAY	WHI11001722	180	181.05		3.11	0.5	0.46	271.3	27		10	235	0.2	2.94	0.4	19.6	15	35.2
RDU_SM_DDH11-20	RDU_SM_613742	ASSAY	WHI11001722	181.05	182.98		3.64	0.6	0.41	59.3	99		10	278	0.1	1.96	0.2	10.4	5	46.8
RDU_SM_DDH11-20	RDU_SM_613743	ASSAY	WHI11001722	182.98	185.65		3.2	0.9	0.4	174	1061		10	366	0.2	1.26	0.2	11.9	8	52.3
RDU_SM_DDH11-20	RDU_SM_613744	ASSAY	WHI11001722	185.65	187.01		4.25	0.3	0.57	6.4	7		10	164	0.2	1.27	0.1	15.3	8	54.2
RDU_SM_DDH11-20	RDU_SM_613745	ASSAY	WHI11001722	187.01	188.5		4.67	0.4	0.45	11.5	6		10	184	0.3	1.06	0.2	16.3	11	62.2
RDU_SM_DDH11-20	RDU_SM_613746	ASSAY	WHI11001722	188.5	190		4.82	0.5	0.36	15	9		10	163	0.1	0.68	0.05	15.5	14	58.5
RDU_SM_DDH11-20	RDU_SM_613748	ASSAY	WHI11001722	190	191.26		3.22	0.9	0.28	42.9	13		10	274	0.1	0.72	0.2	9.7	16	62.8
RDU_SM_DDH11-20	RDU_SM_613749	ASSAY	WHI11001722	191.26	192.75		4.6	0.2	1.52	1.8	2		10	724	0.05	1.73	0.05	19.3	35	97.4
RDU_SM_DDH11-20	RDU_SM_613750	ASSAY	WHI11001722	192.75	194.2		4.71	0.1	1.92	0.7	5		10	602	0.05	1.56	0.05	24.5	39	176.1
RDU_SM_DDH11-20	RDU_SM_613751	ASSAY	WHI11001722	194.2	195.5		4.52	0.05	1.29	0.9	1		10	895	0.05	2.25	0.05	18.1	63	39.6
RDU_SM_DDH11-20	RDU_SM_613752	ASSAY	WHI11001722	195.5	197		5.38	0.3	0.74	99.6	12		10	437	0.05	2.42	0.2	11.2	17	36.1
RDU_SM_DDH11-20	RDU_SM_613753	ASSAY	WHI11001722	197	198.5		4.87	1	0.84	124.6	7		10	287	0.05	2.42	0.3	14.2	13	75.4
RDU_SM_DDH11-20	RDU_SM_613754	ASSAY	WHI11001722	198.5	200		5.02	1	0.74	350.4	23		10	546	0.05	2.73	0.2	14.1	13	54.1
RDU_SM_DDH11-20	RDU_SM_613755	ASSAY	WHI11001722	200	200.99		3.25	0.8	0.45	317.8	13		10	224	0.1	2.15	0.1	8.9	19	11.4
RDU_SM_DDH11-20	RDU_SM_613756	ASSAY	WHI11001722	200.99	201.78		2.59	1.3	0.63	198	24		10	235	0.05	3.68	0.1	22.8	40	92.1
RDU_SM_DDH11-20	RDU_SM_613757	ASSAY	WHI11001722	201.78	202.75		1.63	15.8	0.43	10000	1794		10	245	0.05	4.61	0.4	16.1	0.5	77.8
RDU_SM_DDH11-20	RDU_SM_613758	FieldDup	WHI11001722	201.78	202.75	DUP of 613757	1.53	14.2	0.34	10000	1422		10	237	0.05	4.55	0.2	17.6	1	71.5
RDU_SM_DDH11-20	RDU_SM_613759	ASSAY	WHI11001722	202.75	203.73		2.98	1.4	0.59	1218.1	48		10	242	0.1	2.59	0.2	19.9	8	113.1
RDU_SM_DDH11-20	RDU_SM_613760	ASSAY	WHI11001722	203.73	205.34		4.83	0.6	0.93	26.4	11		10	519	0.05	1.9	0.1	17.5	17	89.6
RDU_SM_DDH11-20	RDU_SM_613761	ASSAY	WHI11001722	205.34	207		5.83	1	0.51	28.5	1		10	362	0.2	1.37	0.2	5.8	5	17.4
RDU_SM_DDH11-20	RDU_SM_613762	ASSAY	WHI11001722	207	208.5		4.84	1	0.44	81.1	1		10	286	0.2	1.91	0.4	7.8	11	18.6
RDU_SM_DDH11-20	RDU_SM_613763	ASSAY	WHI11001722	208.5	210		5.24	1.6	0.61	2590.6	129		10	476	0.05	2.38	0.5	18.4	16	42.3
RDU_SM_DDH11-20	RDU_SM_613764	ASSAY	WHI11001722	210	211.5		4.99	1.3	0.38	562.5	19		10	307	0.3	1.96	0.4	6.6	0.5	15.3
RDU_SM_DDH11-20	RDU_SM_613765	ASSAY	WHI11001722	211.5	213.3		5	0.4	0.44	33.8	1		10	328	0.2	1.47	0.05	5.6	5	11.7
RDU_SM_DDH11-20	RDU_SM_613766	ASSAY	WHI11001722	213.3	214.26		2.94	0.4	0.3	840.5	34		10	299	0.05	1.99	0.2	5.5	3	13.5
RDU_SM_DDH11-20	RDU_SM_613768	ASSAY	WHI11001722	214.26	216		5.29	0.3	0.43	14.6	1		10	348	0.05	0.98	0.1	6.1	5	5.9
RDU_SM_DDH11-20	RDU_SM_613769	ASSAY	WHI11001722	216	217.5		4.37	0.3	0.38	5	1		10	253	0.05	0.83	0.2	6.1	10	8.4
RDU_SM_DDH11-20	RDU_SM_613770	ASSAY	WHI11001722	217.5	219		4.93	0.2	0.45	6.5	1		10	931	0.05	1.2	0.05	7	3	8.6
RDU_SM_DDH11-20	RDU_SM_613771	ASSAY	WHI11001722	219	220.5		4.07	0.2	0.38	21.4	2		10	517	0.05	1.35	0.1	6.2	4	6.9

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-20	4.29	9	0.005	0.94	14	2.58	796	0.05	0.042	19.9	0.06	3.6	0.025	0.1	13.9	0.25	82	4.7	0.096	0.2	0.1	150	0.05	63
RDU_SM_DDH11-20	5.27	11	0.01	1.04	8	3.18	1048	0.5	0.032	27.8	0.078	1	0.025	0.05	16.9	0.25	95	1.2	0.103	0.05	0.1	187	0.05	64
RDU_SM_DDH11-20	5.2	10	0.005	0.59	9	3.03	1062	0.4	0.032	22.5	0.073	1.2	0.06	0.1	17.7	0.25	84	1.2	0.052	0.05	0.1	178	0.05	71
RDU_SM_DDH11-20	5.23	11	0.005	0.35	8	3.57	884	0.1	0.028	36.2	0.072	1.3	0.025	0.05	17.2	0.25	96	1.1	0.026	0.05	0.1	183	0.05	74
RDU_SM_DDH11-20	4.97	8	0.01	0.48	8	3.17	842	0.05	0.03	32.7	0.069	1.9	0.07	0.05	18.1	0.25	95	1.1	0.025	0.05	0.1	133	0.05	61
RDU_SM_DDH11-20	4.98	8	0.005	0.43	8	3.35	861	0.1	0.023	35.4	0.069	2	0.07	0.05	18	0.25	104	1.1	0.022	0.05	0.1	131	0.05	64
RDU_SM_DDH11-20	4.72	8	0.005	0.63	7	3.02	859	2.7	0.035	24	0.067	2.2	0.025	0.05	17.4	0.25	105	0.9	0.031	0.05	0.1	137	0.05	51
RDU_SM_DDH11-20	4.57	3	0.02	0.43	11	2.32	894	0.05	0.024	15.5	0.067	7	0.11	0.1	15.6	0.25	127	3.6	0.01	0.05	0.1	99	0.05	57
RDU_SM_DDH11-20	3.53	1	0.01	0.26	11	2.19	702	0.2	0.013	10.4	0.033	5	0.38	0.4	9.6	0.25	173	7.2	0.002	0.1	0.1	40	0.05	58
RDU_SM_DDH11-20	0.81	1	0.005	0.21	40	0.46	162	0.05	0.023	2.4	0.004	14.5	0.23	0.2	0.8	0.25	67	23.3	0.001	0.05	0.1	1	0.05	27
RDU_SM_DDH11-20	0.82	1	0.005	0.21	35	0.29	161	1.9	0.03	1.1	0.004	12.2	0.36	0.2	1	0.25	33	20.6	0.0005	0.05	0.1	1	0.05	24
RDU_SM_DDH11-20	0.62	2	0.005	0.26	40	0.3	143	0.3	0.029	1	0.003	15	0.16	0.1	1	0.25	30	21.4	0.001	0.05	0.1	1	0.05	17
RDU_SM_DDH11-20	0.7	1	0.005	0.28	40	0.31	185	0.2	0.029	1	0.004	13.7	0.22	0.2	0.8	0.25	34	21.5	0.0005	0.05	0.1	1	0.05	20
RDU_SM_DDH11-20	1.3	1	0.005	0.23	38	0.74	318	0.4	0.013	8.5	0.01	21.6	0.17	0.1	2	0.25	73	20	0.0005	0.05	0.1	3	0.05	43
RDU_SM_DDH11-20	2.94	1	0.01	0.27	36	0.91	658	0.4	0.01	28.9	0.04	12.6	0.24	0.2	3.4	0.6	56	15.6	0.002	0.1	0.1	7	0.05	100
RDU_SM_DDH11-20	2.54	1	0.005	0.25	20	0.94	1106	1.2	0.008	38.6	0.037	12	0.27	0.2	2.5	0.5	67	9.4	0.004	0.05	0.1	8	0.05	79
RDU_SM_DDH11-20	3.87	1	0.005	0.21	7	1.56	1352	0.2	0.035	33	0.041	30.5	1.47	0.9	6.8	1	315	12.3	0.001	0.1	0.1	9	0.1	87
RDU_SM_DDH11-20	3.91	1	0.01	0.3	7	1.6	1065	0.6	0.01	67.2	0.027	36.4	1.08	0.7	4.8	1	231	11.8	0.001	0.1	0.1	14	0.05	102
RDU_SM_DDH11-20	2.23	1	0.02	0.26	9	0.97	889	1.1	0.006	30.1	0.016	37.6	0.52	0.3	2.6	0.7	130	8.4	0.0005	0.05	0.1	9	0.05	64
RDU_SM_DDH11-20	2.39	1	0.01	0.26	10	0.77	880	2.5	0.007	30.1	0.038	37.9	0.75	0.3	2	1.1	105	5.5	0.001	0.05	0.1	12	0.05	48
RDU_SM_DDH11-20	2.9	2	0.02	0.32	15	1	1124	1.7	0.014	31.1	0.057	9.7	1.12	0.2	1.6	1.2	48	7.9	0.002	0.1	0.1	14	0.05	70
RDU_SM_DDH11-20	3.19	1	0.02	0.26	13	1	1155	3.4	0.011	36.5	0.057	9.7	1.23	0.3	1.7	1.3	50	6.9	0.002	0.1	0.2	16	0.05	79
RDU_SM_DDH11-20	2.86	1	0.01	0.2	9	0.74	1805	2.1	0.01	32.7	0.054	4.7	0.98	0.4	2	2.5	31	3.8	0.002	0.1	0.1	12	0.05	59
RDU_SM_DDH11-20	1.74	1	0.02	0.14	5	0.4	514	1.5	0.007	31.8	0.03	9.1	1.13	0.7	1.2	3	31	1.8	0.002	0.05	0.3	14	0.1	63
RDU_SM_DDH11-20	4.28	6	0.01	0.9	12	2.64	753	0.4	0.026	23.6	0.051	3.1	0.06	0.1	11.9	0.25	93	5.6	0.057	0.2	0.1	126	0.05	60
RDU_SM_DDH11-20	5.06	8	0.005	0.8	5	2.67	937	0.3	0.054	22.2	0.096	2	0.33	0.05	12.4	0.5	95	0.8	0.072	0.2	0.1	151	0.05	65
RDU_SM_DDH11-20	3.72	4	0.01	0.71	18	2.36	870	0.7	0.025	55.8	0.054	6.2	0.18	0.1	9.3	0.25	156	5.8	0.028	0.2	0.1	65	0.05	72
RDU_SM_DDH11-20	2.54	3	0.005	0.5	12	1.3	636	0.4	0.022	23.7	0.046	7.2	0.24	0.4	4.2	0.7	151	5.4	0.017	0.2	0.1	24	0.05	58
RDU_SM_DDH11-20	2.9	3	0.01	0.52	13	1.63	665	0.1	0.021	20	0.06	7.4	0.17	0.7	4.9	0.7	234	9.2	0.013	0.2	0.1	37	0.05	63
RDU_SM_DDH11-20	3.34	3	0.01	0.44	11	1.56	705	0.8	0.013	19.6	0.061	10.3	0.2	0.4	5.7	0.25	221	7.6	0.004	0.2	0.1	39	0.05	55
RDU_SM_DDH11-20	1.42	1	0.005	0.33	17	0.98	462	0.4	0.014	36.1	0.034	17.8	0.12	0.4	1.5	0.25	211	13.9	0.002	0.1	0.1	5	0.1	24
RDU_SM_DDH11-20	4.39	3	0.01	0.35	7	2.2	1094	0.2	0.02	85.3	0.074	10.8	0.13	0.9	9	0.25	333	4.1	0.007	0.1	0.1	64	0.05	67
RDU_SM_DDH11-20	4.69	1	0.03	0.29	1	1.61	1165	0.05	0.005	7.2	0.07	3.5	1.58	6.1	4.4	1.3	332	0.3	0.001	0.2	0.1	18	0.2	48
RDU_SM_DDH11-20	4.56	0.5	0.03	0.24	1	1.62	1142	0.05	0.004	6.8	0.06	3.4	1.5	6.4	3.7	1.3	319	0.3	0.0005	0.05	0.1	14	0.3	30
RDU_SM_DDH11-20	4.8	2	0.005	0.35	4	2.01	958	0.6	0.011	28.2	0.067	6.6	0.25	0.5	6.1	0.25	200	2.1	0.002	0.05	0.1	45	0.05	82
RDU_SM_DDH11-20	4.14	4	0.01	0.55	15	1.87	816	0.3	0.022	25.1	0.068	10.5	0.09	0.3	9	0.25	165	7.3	0.026	0.3	0.1	96	0.05	76
RDU_SM_DDH11-20	1.25	1	0.005	0.35	26	0.69	300	1.7	0.009	12.3	0.028	52.3	0.11	0.2	1.3	0.25	111	16.3	0.001	0.1	0.1	4	0.05	46
RDU_SM_DDH11-20	1.6	1	0.01	0.3	28	1.15	380	0.5	0.01	33.6	0.02	24.1	0.06	0.3	1.3	0.25	188	18.6	0.0005	0.05	0.1	4	0.05	52
RDU_SM_DDH11-20	3.97	2	0.005	0.37	7	1.83	809	0.3	0.015	51.6	0.04	65.7	0.46	0.5	6.3	0.25	226	4.9	0.002	0.2	0.1	43	0.05	102
RDU_SM_DDH11-20	1.56	0.5	0.005	0.3	21	0.91	468	0.6	0.009	14.2	0.018	213.2	0.13	0.3	1.3	1.2	150	14.2	0.0005	0.05	0.1	4	0.05	58
RDU_SM_DDH11-20	1.67	1	0.005	0.3	23	0.84	358	0.4	0.011	15	0.014	21.3	0.21	0.05	1.6	0.8	119	15.9	0.0005	0.05	0.1	4	0.05	41
RDU_SM_DDH11-20	1.87	0.5	0.005	0.18	11	0.82	594	0.4	0.027	4.6	0.012	20.9	0.6	0.4	2	0.25	142	11.3	0.0005	0.05	0.1	3	0.05	54
RDU_SM_DDH11-20	1.94	1	0.005	0.27	31	1.07	418	0.6	0.02	7.1	0.022	25.6	0.21	0.1	2	0.25	106	16.9	0.0005	0.05	0.1	5	0.05	53
RDU_SM_DDH11-20	1.95	1	0.03	0.23	32	0.94	430	0.6	0.025	8.6	0.033	46.6	0.11	0.05	2.5	0.25	82	16.6	0.001	0.05	0.1	8	0.05	80
RDU_SM_DDH11-20	1.91	0.5	0.02	0.26	36	0.99	398	0.5	0.017	5.3	0.021	33.9	0.11	0.05	2.2	0.25	114	16.7	0.0005	0.05	0.1	3	0.05	53
RDU_SM_DDH11-20	1.84	0.5	0.005	0.24	29	0.74	403	1.3	0.014	4	0.016	13.5	0.36	0.1	1.9	0.25	99	16	0.0005	0.05	0.1	3	0.05	39

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DDH11-20	RDU_SM_613772	ASSAY	WHI11001722	220.5	222		4.12	0.4	0.5	41	17		10	361	0.05	1.41	0.2	5.7	3	7.2
RDU_SM_DDH11-20	RDU_SM_613773	ASSAY	WHI11001722	222	223.5		5.78	0.4	0.37	20	8		10	916	0.5	0.62	0.9	3.5	2	5.8
RDU_SM_DDH11-20	RDU_SM_613774	ASSAY	WHI11001722	223.5	225		4.73	0.4	0.46	573.5	32		10	650	0.5	0.79	1.9	2.6	3	6.1
RDU_SM_DDH11-20	RDU_SM_613775	ASSAY	WHI11001722	225	226.47		4.58	0.8	0.37	2091.1	174		10	352	0.5	0.18	0.3	2	3	6.7
RDU_SM_DDH11-20	RDU_SM_613776	ASSAY	WHI11001722	226.47	227.93		3.51	0.2	0.36	507.8	21		10	898	0.4	0.27	0.4	1.4	0.5	4
RDU_SM_DDH11-20	RDU_SM_613778	ASSAY	WHI11001722	227.93	229.5		4.83	1.7	0.38	625.5	118		10	383	0.9	0.35	3.9	1.3	0.5	6.5
RDU_SM_DDH11-20	RDU_SM_613779	ASSAY	WHI11001722	229.5	231		4.38	0.2	0.39	729.2	20		10	230	0.3	0.24	0.05	1.3	3	5.9
RDU_SM_DDH11-20	RDU_SM_613780	ASSAY	WHI11001722	231	232.51		4.87	0.2	0.34	146.7	13		10	318	0.2	0.29	0.2	0.9	0.5	3.1
RDU_SM_DDH11-20	RDU_SM_613781	ASSAY	WHI11001722	232.51	234.05		4.15	0.2	0.35	20.8	9		10	149	0.2	0.45	0.05	1.6	3	4
RDU_SM_DDH11-20	RDU_SM_613782	ASSAY	WHI11001722	234.05	235.5		3.97	0.2	0.31	11.2	5		10	1487	0.2	0.29	0.05	0.8	0.5	3.1
RDU_SM_DDH11-20	RDU_SM_613783	ASSAY	WHI11001722	235.5	237		5.02	0.5	0.36	69.3	25		10	330	0.8	0.59	2.1	2.6	8	10.4
RDU_SM_DDH11-20	RDU_SM_613784	ASSAY	WHI11001722	237	238.5		4.84	0.2	0.35	29.4	8		10	435	0.3	0.19	0.05	1.5	3	6.1
RDU_SM_DDH11-20	RDU_SM_613785	ASSAY	WHI11001722	238.5	240		5.19	0.1	0.36	13.2	7		10	1110	0.2	0.3	0.05	1.3	0.5	7.3
RDU_SM_DDH11-20	RDU_SM_613786	ASSAY	WHI11001722	240	241.5		4.53	0.05	0.31	18.9	16		10	139	0.05	0.29	0.05	1	4	4
RDU_SM_DDH11-20	RDU_SM_613787	ASSAY	WHI11001722	241.5	243		3.1	10.1	0.28	12.8	157		10	127	16.8	0.32	0.9	1.2	3	8.4
RDU_SM_DDH11-20	RDU_SM_613788	FieldDup	WHI11001722	241.5	243	DUP of 613787	2.83	0.2	0.3	42.2	18		10	118	0.2	0.34	0.05	1.1	0.5	5
RDU_SM_DDH11-20	RDU_SM_613789	ASSAY	WHI11001722	243	244.5		3.86	2.7	0.26	57.8	154		10	120	4.2	0.36	0.6	1.3	4	11.4
RDU_SM_DDH11-20	RDU_SM_613790	ASSAY	WHI11001722	244.5	246		4.34	0.1	0.4	4.9	3		10	225	0.2	0.29	0.05	1.6	0.5	7.3
RDU_SM_DDH11-20	RDU_SM_613791	ASSAY	WHI11001722	246	247.5		3.48	0.2	0.34	13.3	4		10	438	0.2	1.08	0.2	4.3	4	10
RDU_SM_DDH11-20	RDU_SM_613792	ASSAY	WHI11001722	247.5	249		4.74	0.4	0.41	105.6	151		10	285	0.4	1.33	0.1	5.3	3	18
RDU_SM_DDH11-20	RDU_SM_613793	ASSAY	WHI11001722	249	250.5		4.68	0.3	0.34	170.8	133		10	322	0.2	1.52	0.1	3.9	4	15.1
RDU_SM_DDH11-20	RDU_SM_613794	ASSAY	WHI11001722	250.5	252		5.39	0.2	0.39	5.4	1		10	240	0.2	1.64	0.4	2.4	2	12.8
RDU_SM_DDH11-20	RDU_SM_613795	ASSAY	WHI11001722	252	253.48		4.21	1.5	0.33	220.7	125		10	275	2.7	1.65	0.1	1.6	3	9.3
RDU_SM_DDH11-20	RDU_SM_613796	ASSAY	WHI11001722	253.48	255		4.77	0.3	0.43	6.3	11		10	361	0.3	1.46	0.2	3.6	4	12.4
RDU_SM_DDH11-20	RDU_SM_613798	ASSAY	WHI11001722	255	256.4		4.63	0.2	0.4	10	9		10	342	0.2	1.29	0.4	4.3	6	10.6
RDU_SM_DDH11-20	RDU_SM_613799	ASSAY	WHI11001722	256.4	258		5.03	0.2	0.3	32.5	23		10	181	0.1	0.83	0.2	2.3	0.5	9.6
RDU_SM_DDH11-20	RDU_SM_613800	ASSAY	WHI11001722	258	259.5		4.9	0.3	0.27	11.2	3		10	316	0.3	1.14	0.2	3.2	7	13.6
RDU_SM_DDH11-20	RDU_SM_613801	ASSAY	WHI11001722	259.5	261		4.73	0.3	0.29	3.3	6		10	216	0.1	0.65	0.05	2.6	0.5	27.9
RDU_SM_DDH11-20	RDU_SM_613802	ASSAY	WHI11001722	261	262.5		5.87	0.3	0.43	19.1	1		10	273	0.3	1.69	0.3	8.9	8	10.2
RDU_SM_DDH11-20	RDU_SM_613803	ASSAY	WHI11001722	262.5	264		5.17	0.3	0.46	5.4	1		10	233	0.3	1.34	0.2	5.3	4	17.2
RDU_SM_DDH11-20	RDU_SM_613804	ASSAY	WHI11001722	264	265.5		5.18	0.3	0.36	13.1	1		10	217	0.3	1.46	0.3	8.1	10	16.3
RDU_SM_DDH11-20	RDU_SM_613805	ASSAY	WHI11001722	265.5	267		4.27	0.4	0.42	978.1	163		10	216	0.4	1.03	0.7	3.4	2	10.6
RDU_SM_DDH11-20	RDU_SM_613806	ASSAY	WHI11001722	267	268.5		4.67	0.4	0.38	266.2	124		10	247	0.3	1.26	0.2	5.9	4	16.8
RDU_SM_DDH11-20	RDU_SM_613808	ASSAY	WHI11001722	268.5	269.58		3.56	0.2	0.29	5.3	56		10	178	0.2	1.34	0.05	2	0.5	10.7
RDU_SM_DDH11-20	RDU_SM_613809	ASSAY	WHI11001722	269.58	271.01		4.93	0.6	0.35	470.3	232		10	257	0.2	1.43	0.05	3.4	1	30.2
RDU_SM_DDH11-20	RDU_SM_613810	ASSAY	WHI11001722	271.01	272		3.2	0.2	0.31	193.1	20		10	252	0.1	1.44	0.05	1.8	3	14.5
RDU_SM_DDH11-20	RDU_SM_613811	ASSAY	WHI11001722	272	273.03		3.34	0.2	0.32	563.4	1395		10	209	0.2	1.35	0.05	2.4	1	13.3
RDU_SM_DDH11-20	RDU_SM_613812	ASSAY	WHI11001722	273.03	274.32		4.16	0.1	0.33	4.8	14		10	188	0.2	2.67	0.05	2.6	4	12
RDU_SM_DDH11-20	RDU_SM_613813	ASSAY	WHI11001722	274.32	275.5		4.12	0.3	0.34	24.3	14		10	212	0.2	1.84	0.3	2.8	3	10.3
RDU_SM_DDH11-20	RDU_SM_613814	ASSAY	WHI11001722	275.5	277		3.03	0.4	0.28	215.5	31		10	385	0.4	0.92	0.2	2.5	3	9.8
RDU_SM_DDH11-20	RDU_SM_613815	ASSAY	WHI11001722	277	278.5		4.43	0.3	0.27	174.7	54		10	415	0.2	0.35	0.05	0.6	0.5	10.7
RDU_SM_DDH11-20	RDU_SM_613816	ASSAY	WHI11001722	278.5	280		4.32	0.2	0.24	776.4	162		10	159	0.2	0.29	0.05	0.7	3	7.4
RDU_SM_DDH11-20	RDU_SM_613817	ASSAY	WHI11001722	280	281.5		2.3	0.3	0.28	2344.5	134		10	321	0.4	0.41	0.05	1.2	0.5	6.6
RDU_SM_DDH11-20	RDU_SM_613818	FieldDup	WHI11001722	280	281.5	DUP of 613817	2.68	0.5	0.24	2233.4	188		10	282	0.4	0.43	0.05	1.4	3	7.2
RDU_SM_DDH11-20	RDU_SM_613819	ASSAY	WHI11001722	281.5	283		4.88	0.2	0.32	421.2	33		10	150	0.2	0.78	0.05	1.1	0.5	9.2
RDU_SM_DDH11-20	RDU_SM_613820	ASSAY	WHI11001722	283	284.5		4.77	0.4	0.31	745.5	162		10	263	0.2	1.11	0.7	2.4	4	12.1

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-20	1.99	1	0.005	0.28	23	0.87	426	0.5	0.006	6.9	0.014	69	0.68	0.1	2.2	0.25	157	13.6	0.0005	0.1	0.1	3	0.05	50
RDU_SM_DDH11-20	0.69	0.5	0.02	0.26	32	0.25	191	0.3	0.003	4.4	0.004	17.2	0.31	0.05	0.5	0.25	43	18.5	0.0005	0.05	0.1	1	0.05	89
RDU_SM_DDH11-20	0.86	1	0.03	0.31	28	0.31	204	0.4	0.004	6.6	0.004	13.2	0.3	0.05	0.7	0.6	61	18.2	0.0005	0.05	0.1	1	0.05	185
RDU_SM_DDH11-20	0.77	0.5	0.005	0.24	27	0.11	85	0.2	0.005	2.3	0.004	9.2	0.49	0.1	0.3	0.25	19	21.4	0.0005	0.05	0.5	1	0.1	29
RDU_SM_DDH11-20	0.7	1	0.005	0.24	26	0.16	131	0.1	0.004	0.7	0.005	12.9	0.42	0.1	0.4	0.25	22	18.5	0.0005	0.05	0.1	1	0.1	52
RDU_SM_DDH11-20	0.76	1	0.03	0.27	24	0.17	136	0.05	0.004	0.8	0.004	17.3	0.5	0.05	0.4	0.25	25	19.7	0.0005	0.1	0.6	1	0.1	381
RDU_SM_DDH11-20	0.62	1	0.005	0.3	32	0.14	107	0.05	0.024	0.6	0.004	7	0.29	0.2	0.5	0.5	21	22.9	0.0005	0.1	0.1	1	0.05	11
RDU_SM_DDH11-20	0.59	1	0.005	0.23	32	0.15	114	2.3	0.019	0.4	0.003	10.7	0.31	0.1	0.5	0.5	20	20.9	0.0005	0.05	0.1	1	0.05	26
RDU_SM_DDH11-20	0.7	1	0.005	0.22	35	0.17	146	9.7	0.016	0.9	0.004	13.3	0.28	0.05	0.6	0.25	32	22.6	0.0005	0.05	0.1	1	0.05	8
RDU_SM_DDH11-20	0.49	1	0.005	0.21	37	0.14	101	10	0.021	0.4	0.004	10.2	0.19	0.1	0.5	0.25	26	20.1	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-20	1.05	1	0.02	0.28	28	0.25	221	0.3	0.016	10.8	0.011	15.7	0.25	0.3	1	0.25	55	16.7	0.001	0.2	0.1	2	0.05	190
RDU_SM_DDH11-20	0.49	1	0.005	0.25	39	0.12	95	0.05	0.007	0.5	0.006	12.8	0.23	0.05	0.4	0.25	26	22.9	0.0005	0.05	0.1	1	0.1	6
RDU_SM_DDH11-20	0.53	1	0.005	0.29	43	0.15	120	0.05	0.003	0.7	0.008	11	0.2	0.1	0.4	0.25	30	22	0.0005	0.05	0.1	1	0.2	4
RDU_SM_DDH11-20	0.58	1	0.005	0.25	32	0.13	108	0.2	0.005	1.5	0.005	10.6	0.23	0.1	0.4	0.25	22	17.4	0.0005	0.05	0.1	1	0.05	3
RDU_SM_DDH11-20	0.56	1	0.005	0.22	33	0.15	101	1.2	0.022	1.2	0.004	256.4	0.22	0.2	0.6	0.9	40	19.2	0.0005	0.1	1.2	1	0.05	81
RDU_SM_DDH11-20	0.56	1	0.005	0.23	32	0.16	110	0.9	0.026	0.6	0.004	11.2	0.16	0.2	0.7	0.25	40	18.1	0.0005	0.05	0.1	1	0.05	7
RDU_SM_DDH11-20	0.62	1	0.005	0.16	26	0.16	107	0.1	0.037	2.1	0.005	92.5	0.28	0.4	0.9	0.25	43	18.7	0.0005	0.05	0.3	1	0.05	73
RDU_SM_DDH11-20	0.62	1	0.005	0.26	36	0.16	90	0.05	0.013	1.3	0.006	9.2	0.15	0.1	0.8	0.25	33	20.6	0.0005	0.05	0.1	1	0.05	5
RDU_SM_DDH11-20	1.25	1	0.005	0.28	31	0.37	295	0.05	0.008	5.1	0.011	7.7	0.13	0.1	1.4	0.25	78	16.3	0.0005	0.05	0.1	2	0.05	27
RDU_SM_DDH11-20	1.54	1	0.005	0.35	24	0.41	352	0.8	0.009	8.2	0.027	17.5	0.25	0.3	2	0.25	83	13.5	0.001	0.2	0.1	4	0.05	34
RDU_SM_DDH11-20	1.21	1	0.005	0.32	21	0.26	334	0.2	0.01	8.6	0.03	11	0.46	0.4	1.4	0.6	66	11.2	0.001	0.2	0.1	1	0.05	20
RDU_SM_DDH11-20	1.18	2	0.01	0.31	29	0.2	407	0.05	0.016	5.8	0.045	11.3	0.17	0.2	1.6	0.25	66	13	0.002	0.2	0.1	1	0.05	46
RDU_SM_DDH11-20	0.91	1	0.005	0.29	27	0.2	369	0.05	0.01	2.9	0.014	90.2	0.24	0.2	1.2	0.5	66	12.3	0.0005	0.05	0.1	1	0.05	16
RDU_SM_DDH11-20	1.62	2	0.005	0.32	25	0.42	452	0.1	0.012	9.4	0.016	15.9	0.14	0.2	2.6	0.25	101	11.6	0.001	0.1	0.1	4	0.05	32
RDU_SM_DDH11-20	1.81	2	0.005	0.28	21	0.48	418	0.1	0.014	6.3	0.026	18.5	0.18	0.2	3.8	0.6	108	11	0.001	0.1	0.1	7	0.05	78
RDU_SM_DDH11-20	1.75	0.5	0.005	0.19	17	0.26	275	0.8	0.027	1.4	0.018	8.5	0.66	0.4	2.7	0.25	56	8.3	0.0005	0.05	0.1	1	0.05	27
RDU_SM_DDH11-20	1.87	1	0.005	0.18	17	0.34	370	4.8	0.029	6.3	0.024	13.3	0.45	0.4	3.5	0.25	74	8.8	0.0005	0.05	0.1	3	0.05	54
RDU_SM_DDH11-20	2.22	1	0.005	0.17	17	0.25	293	0.6	0.047	1.4	0.014	13.4	0.71	0.3	3.6	0.25	45	9.1	0.0005	0.05	0.1	2	0.05	22
RDU_SM_DDH11-20	2.77	2	0.005	0.34	22	0.55	595	2.8	0.009	13.9	0.071	20.8	0.07	0.2	5.5	0.25	68	9.9	0.004	0.2	0.1	18	0.05	85
RDU_SM_DDH11-20	2.4	2	0.01	0.37	32	0.48	462	7.1	0.013	9.5	0.034	10.4	0.15	0.3	4.3	0.25	63	15.7	0.004	0.2	0.1	8	0.05	57
RDU_SM_DDH11-20	2	2	0.005	0.3	20	0.4	467	0.4	0.009	14.1	0.041	12.6	0.15	0.2	4.5	0.25	64	9.6	0.003	0.1	0.1	14	0.05	63
RDU_SM_DDH11-20	1.19	2	0.005	0.34	38	0.16	296	0.3	0.023	8.5	0.018	33.1	0.32	0.4	1.2	0.7	47	19.1	0.002	0.2	0.1	3	0.05	81
RDU_SM_DDH11-20	1.71	2	0.005	0.29	28	0.16	350	0.2	0.026	11.2	0.018	14	0.51	0.3	1.8	0.7	57	15	0.002	0.3	0.1	4	0.05	32
RDU_SM_DDH11-20	1.2	1	0.02	0.23	26	0.15	358	0.2	0.03	3.9	0.014	4	0.38	0.1	1.7	0.5	58	12.8	0.001	0.2	0.1	1	0.05	13
RDU_SM_DDH11-20	1.7	1	0.005	0.23	21	0.17	340	0.2	0.042	7.4	0.015	7	1.09	0.5	1.6	0.7	64	13.7	0.001	0.1	0.1	1	0.1	11
RDU_SM_DDH11-20	1.17	1	0.005	0.26	30	0.15	375	0.05	0.021	4.2	0.015	3.4	0.37	0.1	1.4	0.8	65	13.8	0.001	0.05	0.1	1	0.05	12
RDU_SM_DDH11-20	1.22	1	0.02	0.25	27	0.13	346	0.2	0.037	4.3	0.012	4.8	0.36	0.2	1.5	0.6	59	12.2	0.001	0.2	0.1	2	0.05	14
RDU_SM_DDH11-20	1.16	0.5	0.005	0.28	19	0.15	517	0.2	0.02	6.3	0.01	5.1	0.52	0.2	1.4	0.25	105	11.1	0.001	0.05	0.1	1	0.05	11
RDU_SM_DDH11-20	1.32	0.5	0.005	0.28	17	0.33	430	0.4	0.01	6.6	0.011	23.1	0.37	0.2	1.4	0.25	101	10.4	0.0005	0.05	0.1	1	0.05	43
RDU_SM_DDH11-20	1.08	0.5	0.005	0.24	21	0.2	248	0.1	0.014	4.9	0.006	38.3	0.62	0.3	0.7	0.6	60	18.4	0.0005	0.05	0.1	1	0.05	36
RDU_SM_DDH11-20	0.9	0.5	0.005	0.22	25	0.08	119	0.05	0.024	0.6	0.003	19.3	0.73	0.2	0.3	0.6	28	18.3	0.0005	0.05	0.1	1	0.05	16
RDU_SM_DDH11-20	0.67	0.5	0.01	0.19	28	0.05	83	0.1	0.031	0.7	0.003	14.2	0.51	0.2	0.3	0.25	19	18.7	0.0005	0.05	0.1	1	0.05	7
RDU_SM_DDH11-20	0.7	0.5	0.005	0.25	23	0.03	112	0.2	0.037	0.5	0.003	16.1	0.44	0.5	0.3	1.1	23	19.6	0.0005	0.1	0.1	1	0.05	5
RDU_SM_DDH11-20	0.68	0.5	0.01	0.23	21	0.04	112	0.3	0.031	1	0.003	20.1	0.47	0.4	0.3	0.25	24	18.4	0.0005	0.05	0.1	1	0.05	6
RDU_SM_DDH11-20	0.74	0.5	0.005	0.26	25	0.07	189	4.6	0.025	1.1	0.007	13.4	0.4	0.2	0.6	0.7	42	16.8	0.0005	0.05	0.1	1	0.05	16
RDU_SM_DDH11-20	1.27	0.5	0.005	0.27	20	0.24	302	0.9	0.015	6.3	0.014	23.3	0.42	0.4	1	0.7	78	14.1	0.0005	0.05	0.1	2	0.05	82

Hole Number	Sample Number	Sample Type	Certificate	Depth From (m)	Depth To (m)	Comments	Wgt_kg_WGHT	Ag ppm	Al pct	As ppm	Au ppb	Au ppm	B ppm	Ba ppm	Bi ppm	Ca pct	Cd ppm	Co ppm	Cr ppm	Cu ppm
RDU_SM_DD11-20	RDU_SM_613821	ASSAY	WHI11001722	284.5	286		5.73	0.5	0.39	1083.9	172		10	294	0.5	1.06	1.2	4.6	6	16.6
RDU_SM_DD11-20	RDU_SM_613822	ASSAY	WHI11001722	286	287.47		4.53	0.2	0.34	149.7	20		10	207	0.2	1.08	0.1	2.1	2	11
RDU_SM_DD11-20	RDU_SM_613823	ASSAY	WHI11001722	287.47	289		4.85	0.7	0.37	390.2	46		10	468	0.8	2.18	0.6	5.2	5	20.6
RDU_SM_DD11-20	RDU_SM_613824	ASSAY	WHI11001722	289	290.5		4.33	0.4	0.33	205.4	646		10	437	0.3	1	0.3	4.4	1	14.4
RDU_SM_DD11-20	RDU_SM_613825	ASSAY	WHI11001722	290.5	291.89		4.54	0.3	0.26	12.8	6		10	141	0.4	0.86	0.2	2.5	4	16.1
RDU_SM_DD11-20	RDU_SM_613826	ASSAY	WHI11001722	291.89	293.39		4.76	0.4	0.29	79.6	37		10	155	0.5	0.72	0.2	3.5	5	22.6
RDU_SM_DD11-20	RDU_SM_613828	ASSAY	WHI11001722	293.39	295		5.01	0.2	0.29	12	14		10	210	0.2	0.83	0.1	3.3	3	10.7
RDU_SM_DD11-20	RDU_SM_613829	ASSAY	WHI11001722	295	296.5		4.72	0.1	0.26	90.1	15		10	160	0.1	0.35	0.1	1.8	4	7
RDU_SM_DD11-20	RDU_SM_613830	ASSAY	WHI11001722	296.5	298		4.67	0.5	0.42	122.4	115		10	265	0.2	2.01	0.3	7.4	9	33.8
RDU_SM_DD11-20	RDU_SM_613831	ASSAY	WHI11001722	298	299.5		4.52	0.5	0.69	3.8	1		10	406	0.2	1.67	0.1	8.6	17	39.7
RDU_SM_DD11-20	RDU_SM_613832	ASSAY	WHI11001722	299.5	300.9		5.4	0.2	0.34	2.6	1		10	292	0.2	0.9	0.1	2.7	11	7.3
RDU_SM_DD11-20	RDU_SM_613833	ASSAY	WHI11001722	300.9	302.5		5.05	0.1	0.35	2.5	1		10	241	0.2	0.97	0.1	2.4	4	6.4
RDU_SM_DD11-20	RDU_SM_613834	ASSAY	WHI11001722	302.5	304		4.99	0.2	0.23	57.6	27		10	194	0.2	0.68	0.1	0.9	4	6.1
RDU_SM_DD11-20	RDU_SM_613835	ASSAY	WHI11001722	304	305.45		4.21	0.1	0.32	5.1	1		10	445	0.2	0.6	0.05	1.3	0.5	5.7
RDU_SM_DD11-20	RDU_SM_613836	ASSAY	WHI11001722	305.45	307		5.09	0.1	0.29	19.9	10		10	1257	0.05	1.17	0.05	1	4	4.5
RDU_SM_DD11-20	RDU_SM_613838	ASSAY	WHI11001722	307	308		3.31	0.3	0.36	22.5	14		10	318	0.3	1.04	1.3	1.2	0.5	6.9
RDU_SM_DD11-20	RDU_SM_613839	ASSAY	WHI11001722	308	309.37	EOH	4.23	0.2	0.32	267.3	54		10	301	0.2	0.75	0.4	1.2	5	4.5

Hole Number	Fe pct	Ga ppm	Hg ppm	K pct	La ppm	Mg pct	Mn ppm	Mo ppm	Na pct	Ni ppm	P pct	Pb ppm	S pct	Sb ppm	Sc ppm	Se ppm	Sr ppm	Th ppm	Ti pct	Tl ppm	Te ppm	V ppm	W ppm	Zn ppm
RDU_SM_DDH11-20	1.7	1	0.005	0.32	20	0.33	358	0.2	0.015	12.4	0.022	36.5	0.51	0.3	1.6	0.5	94	13.8	0.001	0.1	0.1	5	0.05	164
RDU_SM_DDH11-20	0.9	1	0.005	0.29	29	0.09	286	0.2	0.031	3.5	0.01	12.6	0.31	0.3	0.8	0.25	42	16.7	0.001	0.05	0.1	1	0.05	31
RDU_SM_DDH11-20	1.93	0.5	0.01	0.31	17	0.37	562	0.2	0.008	11	0.041	57.6	0.37	0.3	2.1	0.5	116	10	0.001	0.05	0.1	4	0.05	100
RDU_SM_DDH11-20	1.64	0.5	0.02	0.27	19	0.3	327	0.6	0.005	7.5	0.019	20.8	0.5	0.2	1.7	0.8	75	11.6	0.0005	0.05	0.1	2	0.05	46
RDU_SM_DDH11-20	1.21	0.5	0.005	0.22	27	0.2	201	0.1	0.014	5.5	0.002	18.3	0.38	0.2	1	0.25	60	14.3	0.0005	0.05	0.1	1	0.05	26
RDU_SM_DDH11-20	1.46	1	0.02	0.25	26	0.2	231	0.4	0.02	10.5	0.003	19.4	0.5	0.2	1.2	0.7	54	16	0.0005	0.05	0.1	2	0.05	31
RDU_SM_DDH11-20	1.18	1	0.005	0.24	29	0.2	234	0.2	0.024	7.9	0.009	19	0.22	0.2	1.2	0.25	58	14.7	0.001	0.05	0.1	4	0.05	36
RDU_SM_DDH11-20	0.98	0.5	0.005	0.22	31	0.18	140	0.1	0.04	1.8	0.004	11.7	0.16	0.1	1.3	0.25	37	13.4	0.0005	0.05	0.1	1	0.05	22
RDU_SM_DDH11-20	1.39	1	0.02	0.38	24	0.62	417	0.05	0.013	11.9	0.021	14.6	0.09	0.2	2.1	0.25	155	11.6	0.002	0.1	0.1	7	0.05	51
RDU_SM_DDH11-20	2.05	3	0.03	0.49	35	0.6	635	0.1	0.018	16.7	0.026	9.6	0.1	0.2	4.7	0.25	138	15.8	0.007	0.2	0.1	22	0.05	55
RDU_SM_DDH11-20	1.14	1	0.02	0.28	26	0.24	232	0.05	0.019	7.3	0.009	9.1	0.08	0.1	1.9	0.25	58	12	0.001	0.05	0.1	6	0.05	34
RDU_SM_DDH11-20	1.21	1	0.005	0.28	40	0.2	240	0.05	0.03	5.1	0.006	8.3	0.1	0.2	2.1	0.6	57	14.9	0.002	0.05	0.1	4	0.05	31
RDU_SM_DDH11-20	0.69	0.5	0.005	0.21	34	0.17	138	0.2	0.026	1.2	0.003	11.5	0.09	0.1	1.2	0.25	57	13.9	0.0005	0.05	0.1	1	0.05	28
RDU_SM_DDH11-20	0.61	0.5	0.005	0.24	37	0.19	108	0.05	0.02	0.9	0.004	15	0.12	0.05	1.2	0.25	56	15.2	0.0005	0.05	0.1	1	0.05	19
RDU_SM_DDH11-20	0.46	0.5	0.01	0.23	35	0.1	149	0.6	0.006	0.7	0.004	11.1	0.23	0.1	0.7	0.25	61	13.2	0.0005	0.05	0.1	1	0.05	6
RDU_SM_DDH11-20	0.88	0.5	0.02	0.27	25	0.26	203	0.05	0.01	1.9	0.011	33.1	0.32	0.1	1.1	0.25	69	10.7	0.0005	0.05	0.1	1	0.05	156
RDU_SM_DDH11-20	0.71	0.5	0.01	0.27	24	0.18	150	0.1	0.014	1.3	0.006	19.3	0.24	0.2	0.8	0.25	49	10.3	0.0005	0.05	0.1	1	0.05	50

APPENDIX F

DVD Disk; Digital Copy of Report and Data