ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: 2010 Diamond Drilling Assessment Report on the Dansey Project

TOTAL COST: $181,536.99

AUTHOR(S): Terry David Garrow, P. Geo
SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): MX-4-517 / 9th Sept-08
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): 5133687, Nov 25, 2011

YEAR OF WORK: 2010

PROPERTY NAME: Dansey

CLAIM NAME(S) (on which work was done): 528848

COMMODITIES SOUGHT: Copper

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN: 092I NE034

MINING DIVISION: Kamloops Mining Division
NTS / BCGS: 092I/10
LATITUDE: ____50_____° __30_____' ___43_____"
LONGITUDE: __120_____° ___53_____' _____17_____" (at centre of work)
UTM Zone: 10 EASTING: 649740 NORTHING: 5597676

OWNER(S): Logan Copper Inc.

MAILING ADDRESS: 216-7198 Vantage Way, Ladner, BC V4G 1K7

OPERATOR(S) [who paid for the work]: Logan Copper Inc.

MAILING ADDRESS: 216-7198 Vantage Way, Ladner, BC V4G 1K7

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)
Copper, Molybdenum, Guichon Batholith, Jurrasic, Fault zone, Chlorite-Quartz alteration, hydrothermal-porphyry

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:
711, 1166, 1585, 1787, 1934, 1935, 2024, 2066, 2114, 2282, 3184, 3459, 4983, 4984, 5065, 5851, 10783, 30458, 31466, 31903

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for …)			
Soil			
Silt			
Rock			
Other Core: 400 Samples assay for gold and 30 Element ICP		528848	$11,627.99
DRILLING (total metres, number of holes, size, storage location)			
Core	1171.0 ft, two NQ holes, stored at Merrit warehouse	528848	$169,909.00
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)			
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	**$181,536.99**

2010 DIAMOND DRILLING ASSESSMENT REPORT ON THE DANSEY PROJECT

Logan Lake, British Columbia, Canada
Kamloops Mining Division
NTS: 092I/10
Claim Number: 528848
Claim Name: Dansey

Centered at:
UTM Zone 10
649740E 5597676N
NAD 83

or

Latitude: 50°30'43"
Longitude: 120°53'17"

Prepared for

Logan Copper Inc.

216-7198 Vantage Way
Ladner, BC V4G 1K7

Prepared by

Terry Garrow, P.Geo

Dated: January 20th, 2012

TABLE OF CONTENT

1. INTRODUCTION

Between October 27th, 2010 and November 9th, 2010 Logan Copper Inc. carried out two NQ diamond drill holes on the Dansey Claim (tenure number 528848).

The Dansey Project is located on the Logan Copper Property within a historically significant and highly productive mining camp. Industry attention was first brought to the Dansey Project area in the mid 60's shortly after the discovery of the Lornex, Valley and Bethlehem pits, which today comprise the Highland Valley Mining complex, located within seven kilometers of the Dansey Project.

Geologically, the Dansey Project area is located on the eastern portion of the Guichon Creek Batholith, a regionally significant Jurassic-age intrusive and the host of 23 developed prospects and past producers including the Lornex and Valley open pits.

2. PROPERTY DESCRIPTION

The entire Logan Copper Property is 100% owned by Logan Copper Inc. There are no encumbrances on the mineral tenures comprising the Logan Copper Property and Dansey Project area other than those normally reserved by the Crown.

The Dansey Project is located on the Logan Coppers Property (Table 2). The registered and 100% beneficial owner of the Logan Copper Property is Logan Copper Inc. The Logan Copper Property consists of 141 contiguous and two noncontiguous, mineral claims, covering approximately 56,016.91 hectares (Table 1, Figure 1). The Dansey Project area is located near the eastern boundary of the Logan Copper Property and consists of five contiguous mineral claims covering 2,485.58 hectares (Table 2, Figure 2).

The Logan Copper Property has been acquired through a combination of staking and cash purchases between May 22nd, 2008 and October 19th, 2011.

TABLE 1: LOGAN COPPER PROPERTY TENURES

Logan Copper Property Tenure Numbers												
514175	580839	581002	581016	585318	585376	585387	603867	611443	611563	679143	705633	705644
522351	580973	581003	581018	585319	585378	585388	603868	611444	611583	679148	705635	705645
528848	580979	581005	581019	585320	585379	585390	605002	611445	611603	696823	705636	705646
528849	580984	581006	581022	585321	585380	585391	605003	611446	611623	699924	705637	705647
528955	580989	581008	581024	585322	585381	586826	610183	611463	611643	699946	705638	705648
570172	580992	581009	581026	585323	585382	590554	610203	611483	611663	700064	705639	705649
580823	580997	581011	581027	585324	585383	596226	610223	611503	634304	700065	705640	705650
580830	580998	581012	581028	585325	585384	596301	610243	611504	647463	705630	705641	705651
580837	580999	581014	581030	585374	585385	596302	610244	611523	663644	705631	705642	744623
580838	581000	581015	585317	585375	585386	600351	611423	611543	663657	705632	705643	744722
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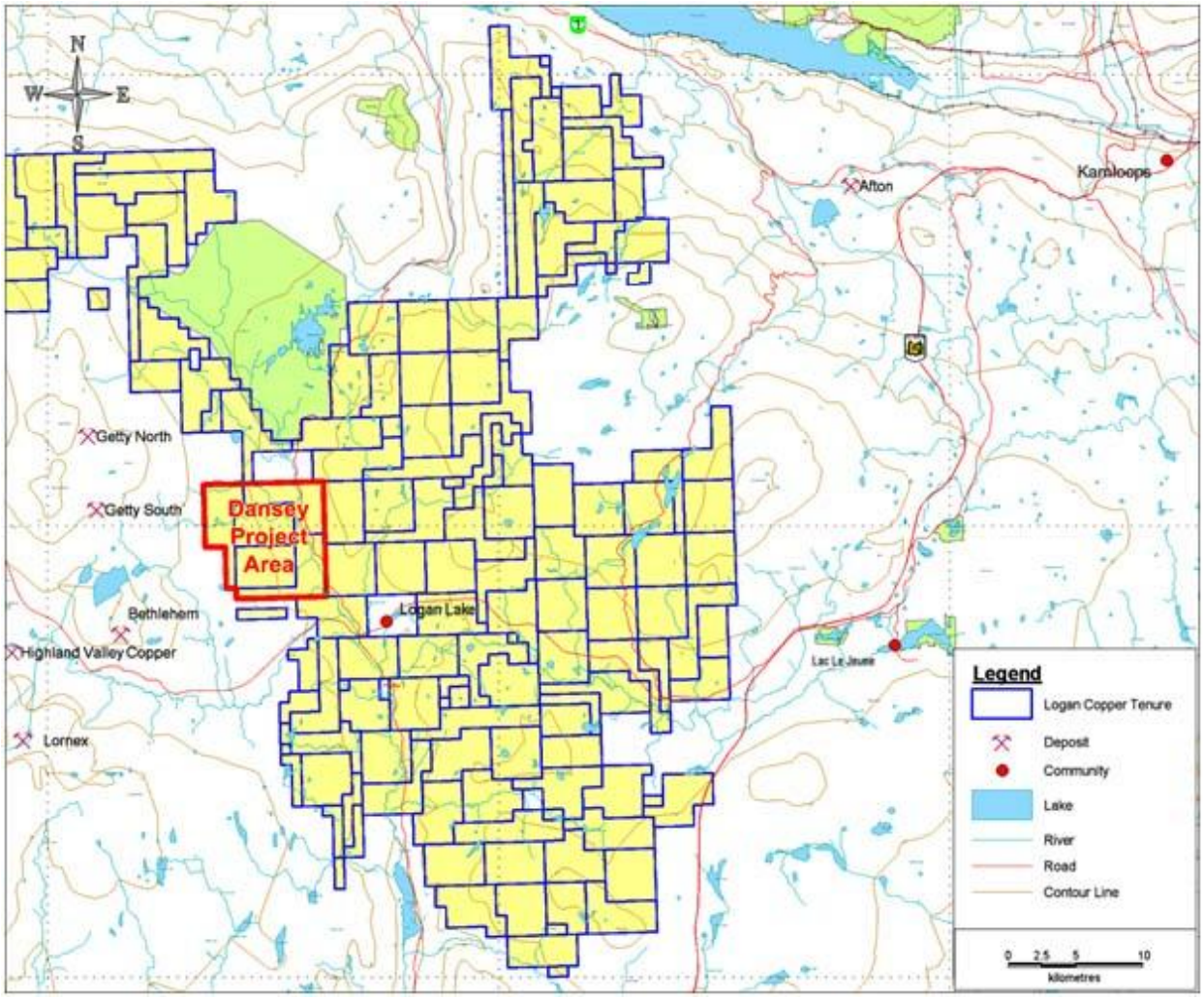


FIGURE 1: LOGAN COPPER PROPERTY TENURE MAP

TABLE 2: DANSEY PROJECT TENURES

Dansey Project Area				
Tenure Number	**Claim Name**	**Issue Date**	**Good To Date**	**Area (ha)**
528848	DANSEY	23-Feb-06	27-Mar-13	493.13
528849	DAB	23-Feb-06	27-Mar-13	492.95
580837		9-Apr-08	27-Mar-13	492.94
580838		9-Apr-08	27-Mar-13	513.4
580839		9-Apr-08	27-Mar-13	493.16
			TOTAL	**2485.58**

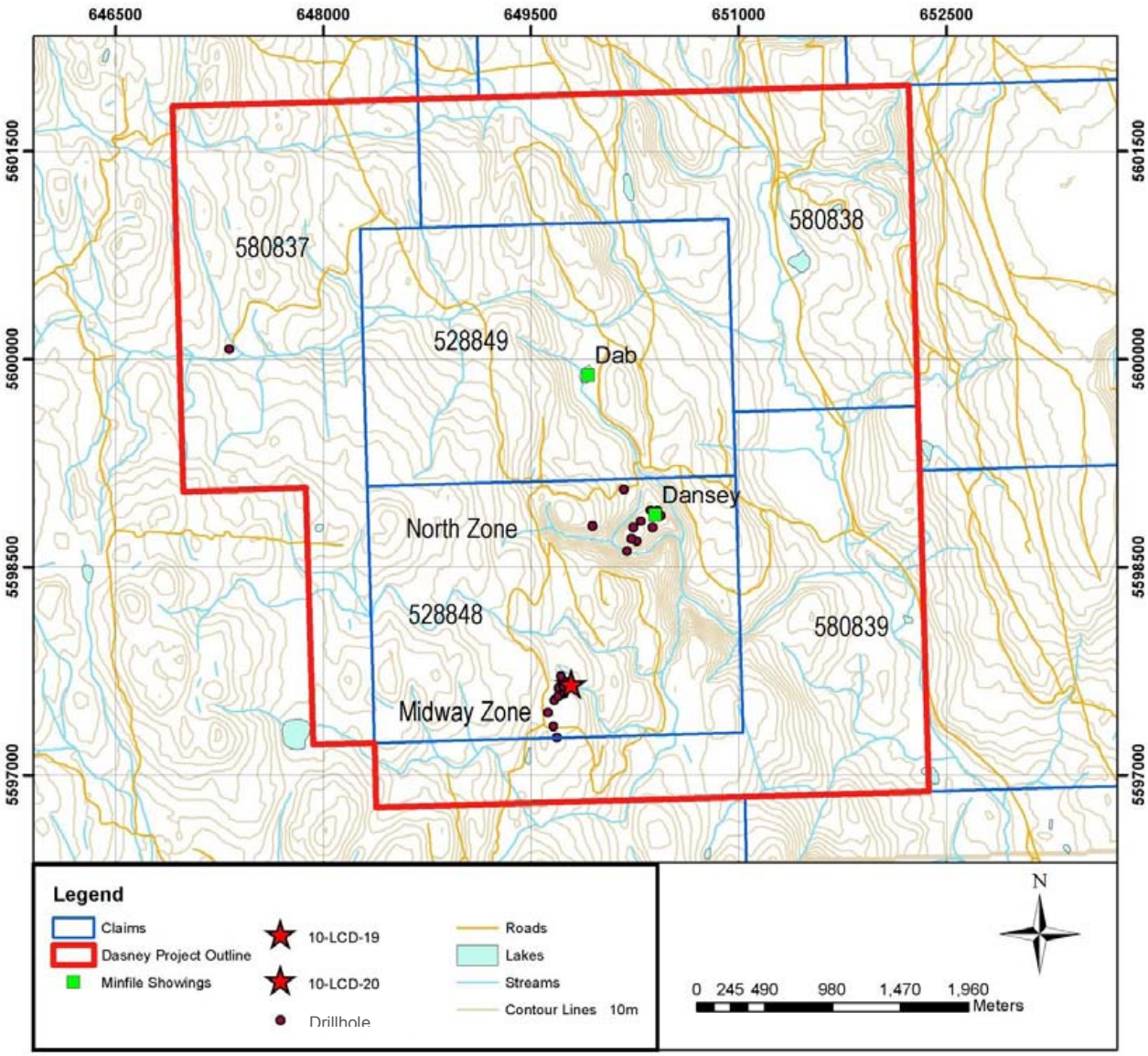


FIGURE 2: DANSEY PROJECT MAP

3. LOCATION

The Logan Copper Property is located in south central British Columbia, Canada (Figure 3). The Property is centered near the community of Logan Lake. This community is situated approximately 48 km north of Merritt, British Columbia and approximately 59km southwest of Kamloops, British Columbia. The property can be accessed by highway 97C from Merritt or highway 5 south from Kamloops to exit 336 turning west on Meadow Creek Rd to Logan Lake.

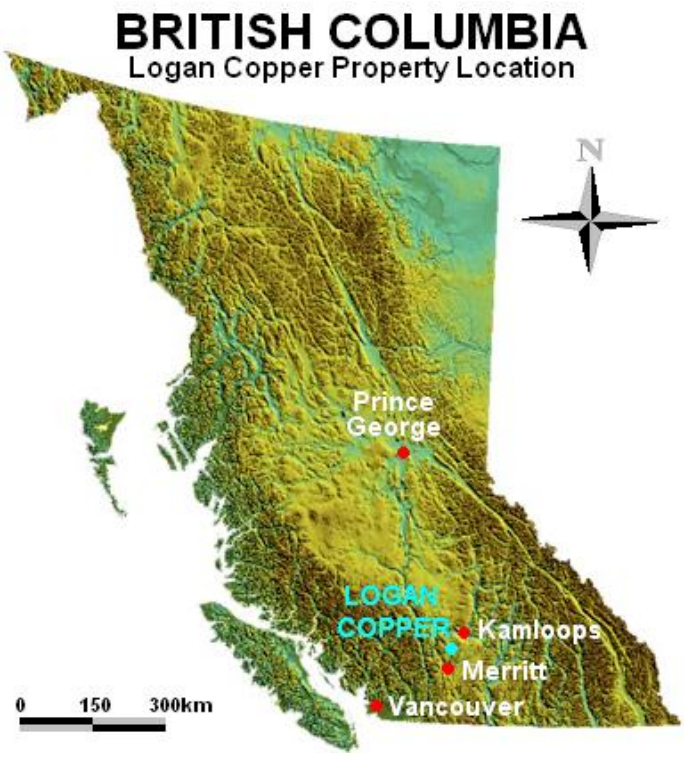


FIGURE 3: LOGAN COPPER LOCATION MAP

The Dansey Project is situated on the eastern edge of the Logan Copper Property and is centered at UTM zone 10 easting 650000 northing 5598300 (NAD 83). The Dansey Project is situated 5.6 km northwest of the community of Logan Lake, and can be accessed using a 4x4 vehicle via paved road and well maintained forestry access road.

4. ACCESS

Starting from the intersection of Meadow Creek road, highway 97C and Tunkwa Lake road in the Community of Logan Lake, the center of the Dansey Project can be accessed by traveling north on Tunkwa Lake road for 4 km, then travel west for 5 km on a well maintained forestry access road.

Portions of the Dansey Project area, recently worked by Logan Copper, can be accessed from approximately March to late November and year round with minimal snow plowing. Other parts of the Project can be access by a well developed network of unmaintained logging and exploration roads which remain in good condition, and numerous unmaintained roads which require minimal rehabilitation.

PHOTO 1: DANSEY PROJECT ARE LOOKING SOUTHEAST TO LOGAN LAKE

5. PHYSIOGRAPHY AND CLIMATE

The property is located in the Thompson Plateau of Southern British Columbia. Topography is generally mild to moderate, with elevations ranging between 1040m to 1380m above sea level within the boundaries five Dansey Project tenures. Photo 1 and Photo 2 exemplify the physiography of Dansey Project area.

Small seasonal creeks flow east draining the area into Guichon Creek, and numerous small swamps and lakes are located throughout the Dansey area tenures. Vegetation comprises of lodgepole pine with sporadic local fir, birch, poplar and spruce surrounding small intermittent open fields and meadows. The general area has been devastated by the Mountain Pine Beetle infestation and much of the property is littered with dead fall.

The local climate is typical of south central British Columbia. Annual temperatures range from 35^{o}C to -40^{o}C. Negative temperatures can be typically expected between late October and late March. Annual precipitation ranges around an average of 30 cm.

PHOTO 2: SOUTHERN DANSEY PROJECT AREA LOOKING NORTH

6. HISTORY

Mining and exploration has played a significant role in the Logan Lake area for well over a century. Heightened industry attention in the Dansey Project area coincided with the first production from the Bethlehem Copper Mine and the discovery of the Valley ore body in the early sixties. In the seventies the Town of Logan Lake was established to facilitate the workforce for the Lornex Mine, which today along with the Valley pit comprises the Highland Valley Mining complex.

Blue chip explorers such as Noranda Exploration Company and Cominco Limited along with half a dozen juniors have conducted exploration programs and identified significant geochemical and geophysical anomalies within the boundaries of the current Dansey Project area tenures. Subsequent historic drilling has intersected significant intervals of copper mineralization in a series of shallow drill percussion drill holes not exceeding 110 meters.

6.1. EXPLORATION HISTORY OF THE DANSEY PROJECT

The first recorded assessment work conducted in the area of the Dansey Project was carried out in 1965. A large geochemical survey was conducted on behalf of New Indian Mines Ltd. (“Indian Mines”) and Vananda Explorations Ltd. (“Vananda Explorations”) on their Eden mineral claims which partly overlapped the southwest corner of the Dansey Project area. 1507 soil samples were collected at 300 by 200 meter intervals roughly half of which were located on ground currently held by Logan Copper. The samples were tested using the qualitative rubeanic acid method in a field laboratory. “Although the soil samples did not show a pattern of anomalous values that could be contoured, the results were sufficiently encouraging to merit additional work in this area.” (ARIS 711)

In 1967 Alwin Mining Company Ltd. (“Alwin”) flew a magnetometer survey over their HJ and DAB tenure blocks located along the eastern edge of the Dansey Project tenures. The survey measured 4 by 2.5 miles at approximately 1/8 mile line intervals and covered most of the eastern half and much of the southern half of the current Dansey Project area.

The purpose of the survey was to identify bedrock structure. Richard O. Crosby, P. Eng. inferred the high magnetic anomalies, on the western portion of the survey, as disseminated magnetite within the igneous mass and consequently interpreted the contact zone between the Guichon Creek Batholith and Nicola Volcanics. The contact zone was identified running north northwest from the southeast corner of the current Dansey Project area to the RM MINFILE located north and center of the Dansey project area. This contact zone was interpreted as being intersected by three southwest to northeast running faults with the northern most fault being intersected by a minor fault near the Dab MINFILE area. (ARIS 1166)

In 1968 North Pacific Mines Ltd. ("North Pacific") began its exploration program over its property, located adjacent to Alwin's ground. North Pacific flew a large aeromagnetic survey which stretched across the center and beyond the northwest and southeast corners of the current Dansey Project tenures. The survey consisted of 40 lines averaging 3 miles and spaced at about 545 feet. The author identified four anomalies within the surveyed area, three of which are located within the boundaries of the Dansey project area. (ARIS 1585)

In late 1968 Alwin followed up their earlier aeromagnetic survey with geochemical work. 911 soil samples were collected and shipped to Technical Service Laboratories in Vancouver for analysis. The survey indicated a single, >100 ppm, 150 by 1100 foot anomaly trending and open to the northwest. The anomaly is located approximately 800m northeast of the Dab MINFILE. (ARIS 1787)

Following its aeromagnetic survey, North Pacific optioned out the property to Thermochem Industries Ltd. which had a working agreement with Noranda Exploration Company ("Noranda"). That year Noranda conducted a comprehensive geochemical survey covering nearly the entire North Pacific property group. Samples were taken from multiple soil horizons and analyzed for copper and molybdenum. Results are summarized in assessment reports 1934, 1935 and 2066. While molybdenum results were relatively muted the survey identified a large area of geochemical copper anomalies ranging from 100ppm to 1600ppm. An 800m diameter area of >300ppm anomalies ("Noranda's Central Geochemical Anomaly") was identified centered near the Dansey MINFILE showing. Numerous smaller anomalies in the surrounding area were located as far as 3.8km from the Noranda's Central Geochemical Anomaly.

Concurrently, Comet-Krain Mining Corp. ("Comet Mining") carried out its own geochemical survey southeast of North Pacific's ground. This survey indicated low order but discreet geochemical copper anomalies. Results from this survey were similar in magnitude and position to anomalies surrounding Noranda's Central Geochemical Anomaly, identified by Noranda the same year. (ARIS 2024)

In late 1969 large portions of the Dansey project area were subjected to induced polarization ("IP") surveys.

Indian Mines and Vananda Explorations commissioned an IP on its Eden property. North-south cut lines were located 300 feet apart with 200 foot and 400 foot electrode spacing. An area of elevated chargeability was measured approximately 600m west of Logan Copper's "Midway Showing." Jon G. Baird P.Eng., the author of the subject surveys assessment report concluded:

The present induced polarization survey has indicated one area at least 400' in width by 2000' in length which exhibits above normal chargeability responses. These responses are interpreted as being due to disseminations of from 1% to 2% by volume of metallically conducting

mineralization. In the present geological environment it appears that there is a real possibility that the chargeability increases may be due to concentrations of sulfide mineralization. (ARIS 2114)

Noranda also conducted IP surveys on three grids surrounding Noranda's Central Geochemical anomaly. A series of high order anomalies were identified on the eastern grid overlying a lowland swamp along Guichon Creek, on the eastern half of the Dansey project area. The largest consistent anomaly in the area measures 550 feet by 1200 feet with a general anomalies trend running for over 2km north south. It appears that no IP survey was conducted or data was not disclosed on the Noranda's Central Geochemical Anomaly itself. (ARIS 2282)

In the spring of 1971 Comet Mining conducted a ground magnetometer survey on the same points as its earlier geochemical survey. Results were mostly inconclusive. Recommendations included further geophysical and geochemical investigations. (ARIS 3184)

Alwin also conducted a ground magnetometer survey on its property the same year. The southwest portion of the survey returned greater magnetic variation then the northeast portion. The author W. S. Read P.Eng., interpreted this zone of variation as the contact between the Guichon Creek Batholith and the Nicola Volcanics with the embayments along the zone interpreted as a series of northeast trending faults. This is congruent with the conclusions of Alwin's aeromagnetic survey four years earlier. (ARIS 3459)

In 1973 Indian Mines, which changed its name to Azure Resources Ltd. ("Azure") in 1972, also performed a ground magnetometer survey on their Eden and Ezra claim groups. The Ezra claim group was located south of the Eden claim block, off ground currently held Logan Copper. No significant anomalies were encountered indicating no significant changes in bedrock geology or structure. (ARIS 4321)

1973 to 1975 percussion drilling was conducted by North Pacific, Comet Mining and a private operator.

Following 1975 little work was recorded in the area and much of the ground described above was dropped. In 1982 Cominco Ltd. ("Cominco") conducted approximately 29.4km of reconnaissance scale multiseparation, induced polarization survey work on their Forge property. The Forge property was located on the southern portion of today's Dansey Project covering approximately the same ground as Azure's Eden claim block. Cominco's work identified a 400m by 850m anomaly open to the north along its long axis and coincident with Indian Mines 1969 IP anomaly (ARIS 10783). Ground check was recommended however no further work is recorded until the property was acquired by Logan Copper Inc., then SNL Enterprises Ltd.

Logan Copper Inc. carried out a large Mobile Metal Ion ("MMI") Survey in the area of the Dansey Minfile. The survey identified a 1700m by 800m geochemical anomaly centered south of the Dansey Minfile (ARIS 30458). Following the completion of the MMI Survey Logan Copper Inc. carried out a program of reconnaissance prospecting, targeting historically significant geological, geophysical and geochemical anomalies located on the Dansey Project area and within the MMI Central Anomaly identifying many recorded historical showings and numerous unrecorded surface expressions of hydrothermal-porphyry copper mineralization within the Dansey Project area.

6.2. HISTORICAL DRILLING ON THE DANSEY PROJECT

In 1974 North Pacific and Comet Mining carried out a 21 percussion drill-hole program. Drilling was concentrated in three areas. The 21 holes totaled 5230 feet.

Nine of the 21 holes were drilled to a maximum depth of 320 feet along a north south running road 1.5 km northwest of the Dab MINFILE. No significant mineralization was intersected. (ARIS 5065)

Drill-holes R.A.-10 through R.A.-14 were drilled immediately south of the Dansey MINFILE. Hole R.A.-14 was terminated after only 50 feet of drilling with the remaining holes reaching depths between 270 and 350 feet and intersecting significant mineralization. According to the assessment report's cost statement all holes were drilled vertically, however little further information is given. No description of the recovered cuttings is provided and it is uncertain what type of mineralization or lithology was intersected by the drill-holes. (ARIS 4984)

The final seven holes were drilled in the southeast corner of the Dansey project area, approximately 1.2km south-southeast of Logan Copper's southern most drilling on the North Zone and approximately 850m east-southeast of Logan Copper's eastern most Midway zone drilling on the southeastern fringe of the MMI Central Anomaly (see section 10.1 MMI PROGRAM). As with holes R.A.-10 through R.A.-14, aside from a hand drawn field map no drill-hole locations are provided and no description is given regarding the percussion drill-hole cuttings.

Assay results from these holes were on average significantly lower than those drilled immediately south of the Dansey MINFILE. However, hole R.A.-17 located at the northern extent of this drill area returned with "2000+" ppm over 30 feet. (ARIS 4983)

In assessment report 5851 the author Dr. L. E. Ross described a four percussion drill-hole program conducted on ground located east of the Dansey MINFILE and west of Guichon Creek. Drilling was conducted to test sporadic geochemical highs on a slope covered with heavy overburden. Drilling encountered overburden between 40 and 120 feet. No significant

mineralization was encountered. Maximum depth on the four dill-holes was 140 feet with total drill footage being 480 feet.

Numerous other drilling has been referenced in assessment reports however little to no information has been found regarding these drill holes. Prior to 1972 at least four diamond drill-holes were drilled on Alwin's RM claim block located east of their DAB and HJ claim blocks. (ARIS 3459) No locations, results or descriptions of the drilling were disclosed and it is unclear where information on this drilling maybe available.

In 2008 SNL Enterprises drilled 7 diamond drill holes and intersected copper mineralization in all holes, largely located in a series of faults as veinlets and disseminated sulfides. One hole also intersected traces of molybdenum.

7. REGIONAL GEOLOGY

The Logan Copper property is located on the southern Intermontane Belt of British Columbia on the southern extent of the Quesnel Trench. The central geological features of this region are the Late Triassic island-arc volcanic rocks of the Nicola Group, and Late Triassic mudstone, siltstone and shale clastic sedimentary rocks located to the east, and intruded granodioritic rocks of the Late Triassic to early Jurassic. The Nicola Group is a succession of Late Triassic island-arc volcanic rocks. The Nicola Group volcanic rocks form part of a 30km to 60km wide northwest-trending belt extending from southern B.C. into the southern Yukon. This belt is enclosed by older rocks and intruded by batholiths and smaller intrusive rocks. Major batholiths in the area of the Logan Copper Property include the Guichon Creek Batholith to the west, the Wild Horse Batholith to the east, and the Iron Mask Batholith to the north northeast. Figure 4 shows the regional geology. The Guichon Creek Batholith is a large, composite intrusion with a surface area of about 1,000 square kilometers. A cluster of nine major porphyry copper deposits lie within a 15 square kilometer zone in the center of the batholith. The Dansey Project area is situated eastern edge of the Guichon Creek Batholith, just northeast of these deposits.

The Guichon Batholith is a semi-concordant composite intrusive that is elliptical and elongated slightly west of north. A central, steeply plunging root or feeder zone is inferred under Highland Valley, and the major deposits lie around the projection of the feeder zone to the surface. The batholith has intruded and metamorphosed island-arc volcanic and associated sedimentary rocks of the Nicola Group, and a metamorphic halo up to 500 meters wide is developed adjacent to the contact. Rocks along the edge of the batholith are older and more mafic, and successive phases moving inward toward the core are younger and more felsic. Although contacts can be sharp, they are generally gradational and chilled contacts are not common. Variations in the batholith's geochemistry indicate local areas of assimilated country rock in the border zone and roof pendants in the intrusion. Outcrop areas have inclusions of amphibolite and "granitized" metamorphic rocks and compositional variations.

Two younger volcanic-dominated successions are important in the area. First, a northwest trending belt of Cretaceous continental volcanic and sedimentary rocks of the Spences Bridge Group unconformably overlie both the Nicola Group country rock and intrusive rocks along the southwest flank of the batholith. Distribution of the Spences Bridge Group rocks was locally controlled by reactivation of older faults that were important mineralization conduits in the batholith, such as the Lornex fault. Second, continental volcanic and sedimentary rocks of the Tertiary Kamloops Group cover extensive areas of the batholith and also overlie Triassic and Jurassic rocks from north of Highland Valley to the Thompson River. These also form isolated outliers and local intrusive centers south of the Highland Valley.

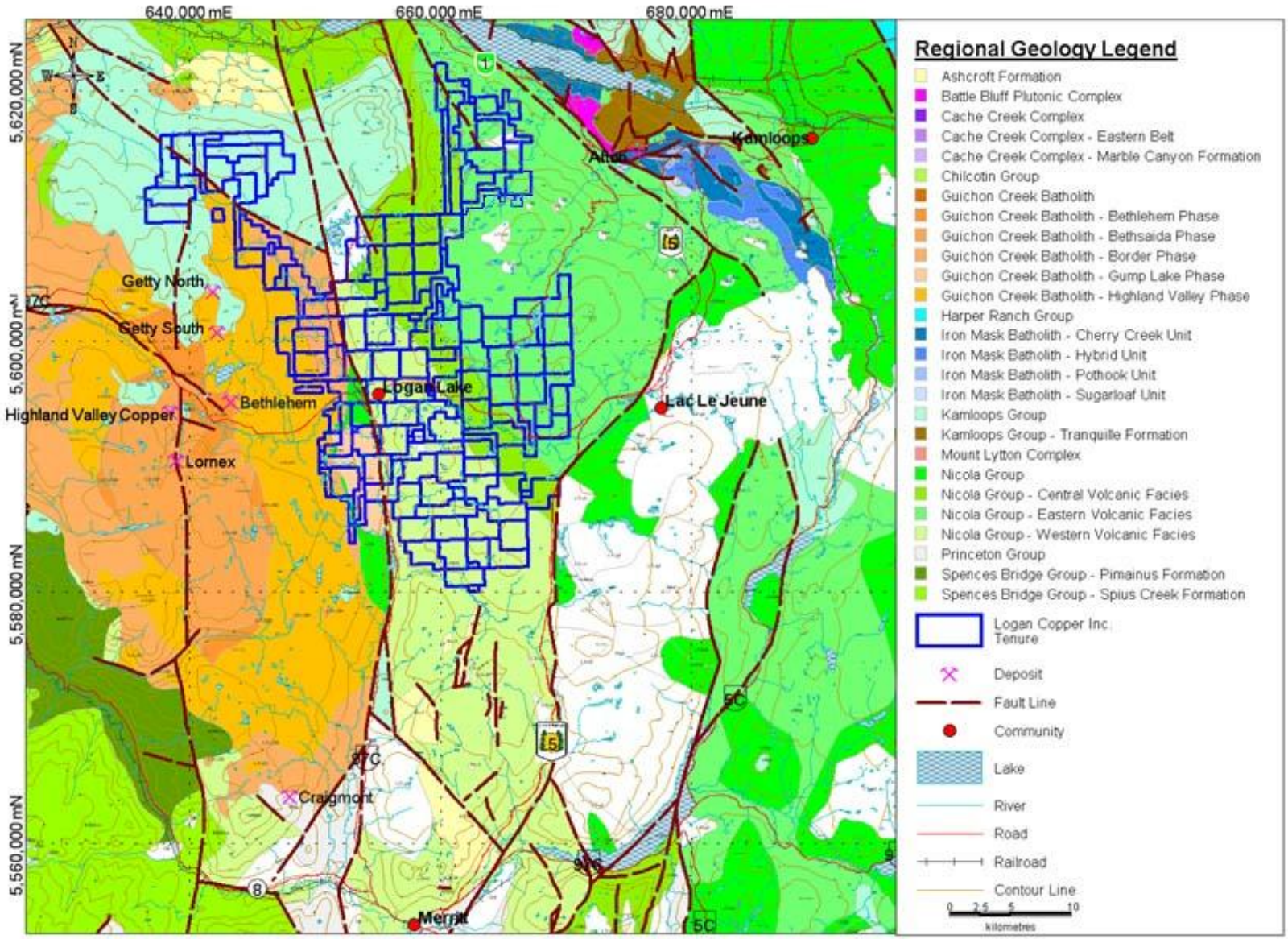


FIGURE 4: REGIONAL GEOLOGY

8. PROPERTY GEOLOGY

The Dansey Project area of the Logan Copper property is situated at the eastern edge of the Guichon Creek batholith and overlies the contact between the Highland Valley Phase and the Border Phase of the Guichon Batholith. Three main rock types are evident and are comprised of diorite, quartz diorite and granodiorite with in two phases of the Guichon Creek Batholith. Figure 5 shows the local geology of the Dansey Project Area.

The North Zone lies within the border phase of the Guichon Creek Batholiths (dioritic intrusive bodies), close to the contact zone between the Guichon Creek Batholith and the Nicola Group Volcanics. The intersected Nicola Volcanic consists mainly of dark to black fine-grained and cryptocrystalline mafic rock.

Most of this zone is covered by overburden. The main types of intrusive rocks seen in the outcrops and in the drill core are diorite and quartz diorite with chlorite-epidote, potassic, quartz, carbonate and hematite alterations. Cataclastic diorite, cataclastics, breccias and fault gouge are seen in this zone.

Surface mapping and surface drilling indicated northeast and northwest-striking faults are well-developed in the area.

The Midway Showing lies within the Highland Valley Phase of the Guichon Creek Batholith and is close to the contact between the Highland Valley Phase and the Border phase. Surface mapping indicated that there is a joint of faults, striking northwest, southeast, and southwest, in the intrusive body near this area.

Much of this area is also covered by overburden. The main types of intrusive rocks seen in the outcrops are diorite and quartz diorite with chlorite, potassic, quartz, carbonate and hematite alterations. Northeast striking quartz veins, ranging from several meters to 150 meters in width, are only distributed west of the northeast-striking faults. Cataclastic diorite, cataclastics, breccias and fault gouge are also seen in this area.

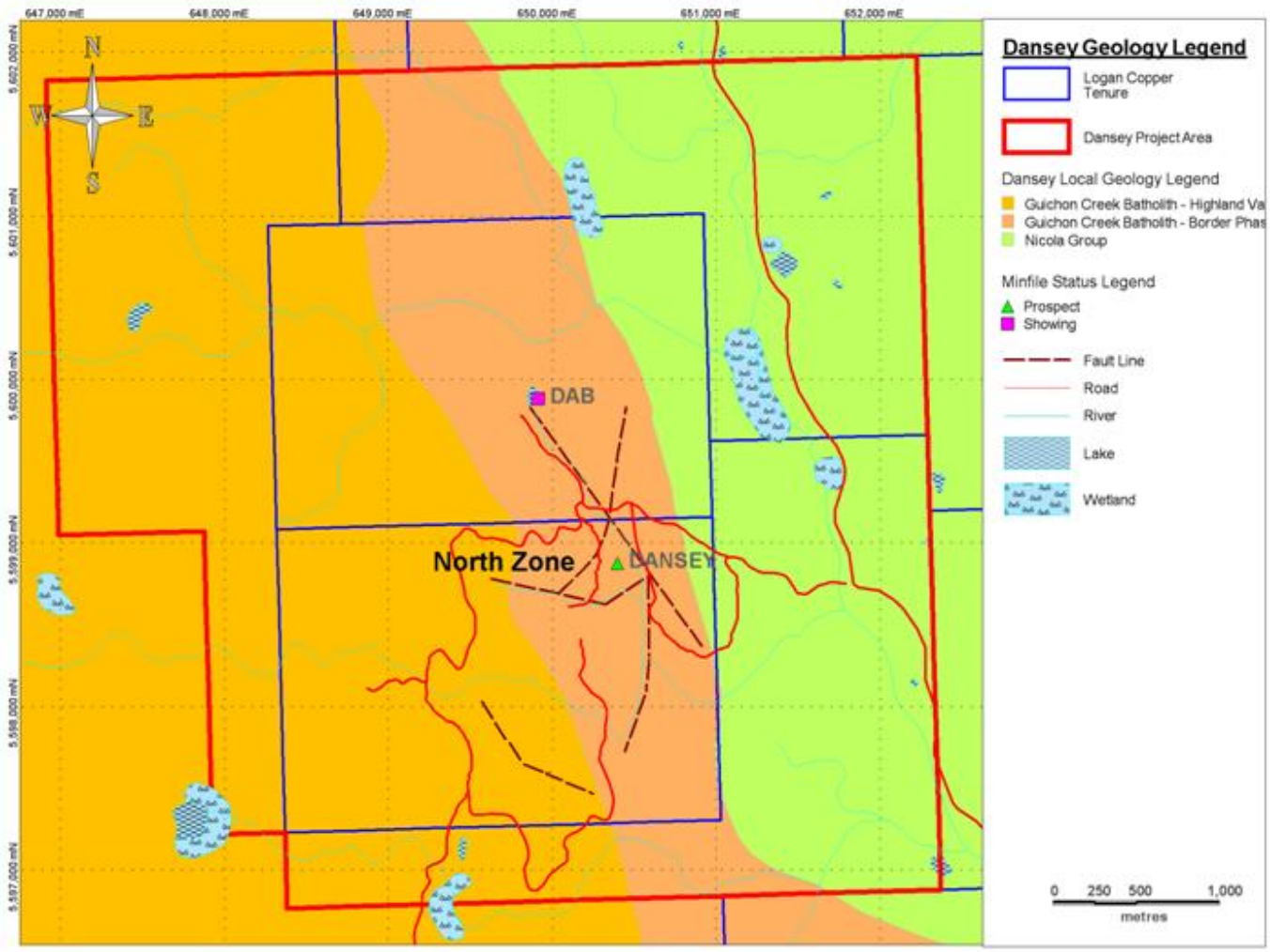


FIGURE 5: LOCAL GEOLOGY DANSEY PROJECT AREA

9. MINERALIZATION

Copper mineralization on the Dansey Project area is characterized by hydrothermal-porphyry style mineralization. The main primary minerals on the North and Midway Zones include chalcopyrite and pyrite, with minor amounts of bornite and molybdenite. Chalcopyrite and pyrite occur mainly as veinlet, stringer, dissemination, blebs, batches, and massive structures in the chlorite-altered diorite, chlorite-epidote altered diorite, and chlorite-quartz altered diorite. Bornite is seen in limited locations on surface and in drill holes. Molybdenite is only seen in drill hole 08-SND-06, drilled in 2008, dissemination in pyrite and chalcopyrite veinlets. The main secondary minerals in this area are malachite and azurite. Malachite is widely distributed in oxide zones or in the fractures, occurring as blebs, splashes and dissemination, and usually accompanied by iron oxides. Azurite occurs as dissemination, massive structures and is distributed along the fractures and in breccias. The copper mineralization intercepted in the North and Midway zones is distributed irregularly in space much of the significant copper mineralization intervals fall within a series of fault zones which are still open to depth with minor sulfide mineralization.

10. 2008 DRILLING

NQ diamond drilling on the Dansey project area commenced on September 27th, 2008 by SNL Enterprises. The drill program targeted MMI copper highs within the MMI Central Anomaly. All seven drill holes drilled in 2008 were located on the North Zone of the Dansey Project.

The most significant copper mineralization intercepted in 2008 includes intervals from drill hole 08-SND-02 and 08-SND-04 and constitutes the strongest mineralization intercepted on the North Zone to date. These intervals include: 91m of 0.16% Cu in drill hole 08-SND-02, and approximate 44m of 0.15% Cu and 40m of 0.14% Cu with local grades greater than 1.00% Cu in drill-hole 08-SND-04.

Half of the drill holes completed on the North Zone remain open at depth to copper mineralization. Fault zones encountered in North Zone drilling, containing minor sulphides also remain open to depth.

11. 2009 DRILLING

Logan Copper Inc. continued with the 2009 Dansey exploration program which consisted of seven NQ diamond drill holes. This included three follow-up drill holes on the North Zone near 2008 drilling and three step-out holes east of 2008 North Zone drilling and three holes on the Midway Zone.

09-SND-14 is the deepest and the most heavily mineralized drill hole drilled during on the Dansey Project as of 2009. This drill hole was abandoned due to drilling difficulties at 285 meters, with visible copper mineralization extending to the end of hole. An intersect of 168 meters beginning at 117 meters and continuing to 285 meters at the end of the holes returned 0.17% copper and included an 85 meter interval grading 0.24% copper, and a 17.9 meter interval grading 0.41% copper.

Most of the mineralization lies within fault zones in both the Midway and North Zone.

12. 2010 DRILLING

Logan Copper Inc. continued the Dansey exploration program in 2010. Five NQ diamond drill holes were drilled by Guy Delorme Drilling during the summer and fall of 2010. Ground geophysics, VLF-EM and Magnetometer surveys, were also completed in the Dansey project area to identify anomalies for drilling. Logan Copper has released data for 10-LCD-16, 10-LCD-17, and 10-LCD-18 and is now releasing data on 10-LCD-19 and 10-LCD-20.

10-LCD-19 (Figure 6, Figure 7) was drilled on October 27th, 2010. 10-LCD-18 (Figure 6, Figure 7) was drilled on November 9th, 2010. The core size was NQ and no dip tests were preformed.

Both of these holes were drilled in the Midway Zone, targeted an MMI and geophysical anomaly and near copper intersections from previous drilling.

10-LCD-19 was drilled at 649789.9m E, 5597656.6m N, 1277.2m Elevation with an azimuth of 295° and a dip of -45° to a depth of 176.17m.

10-LCD-20 was drilled at 649789.9m E, 5597656.6m N, 1277.2m Elevation with an azimuth of 295° and a dip of -75° to a depth of 180.14m.

The drill holes intercepted magnetite bearing diorite with varying degrees of alteration and a series of shear zones and zones of breccia. Alteration consisted primarily of epidote, potassium feldspar, chlorite, hematite, and carbonate. Strong mineralization is concentrated in veins and shear zones. The mineralization appears to be largely epigenetic and structurally controlled. Mineralization consists primarily of chalcopyrite and pyrite in veins, blebs, and disseminations. Malachite and azurite blebs and fracture coatings were observed in both drill holes.

Significant mineralized intervals are shown below in Table 3.

Hole ID		From (m)	To (m)	Interval (m)	Interval (ft)	%Cu
10-LCD-19		27.43	28.95	1.52	5.0	0.2
		31.08	31.41	0.33	1.1	0.5
		34.78	36.43	1.65	5.4	0.21
		72.4	73	0.6	2.0	0.24
		75	77.5	2.5	8.2	0.21
		87.3	111.35	24.05	78.9	0.2
	Including	108	109.4	1.4	4.6	1.84
		176.17	EOH			
10-LCD-20		103.86	104.54	0.68	2.2	0.21
		114	117.8	3.8	12.5	0.23
		129.14	131	1.86	6.1	0.22
	Including	116.44	117.2	0.76	2.5	0.72
		180.14	EOH			

Table 3: 10-LCD-19 and 10-LCD-20 significant copper mineralization intervals

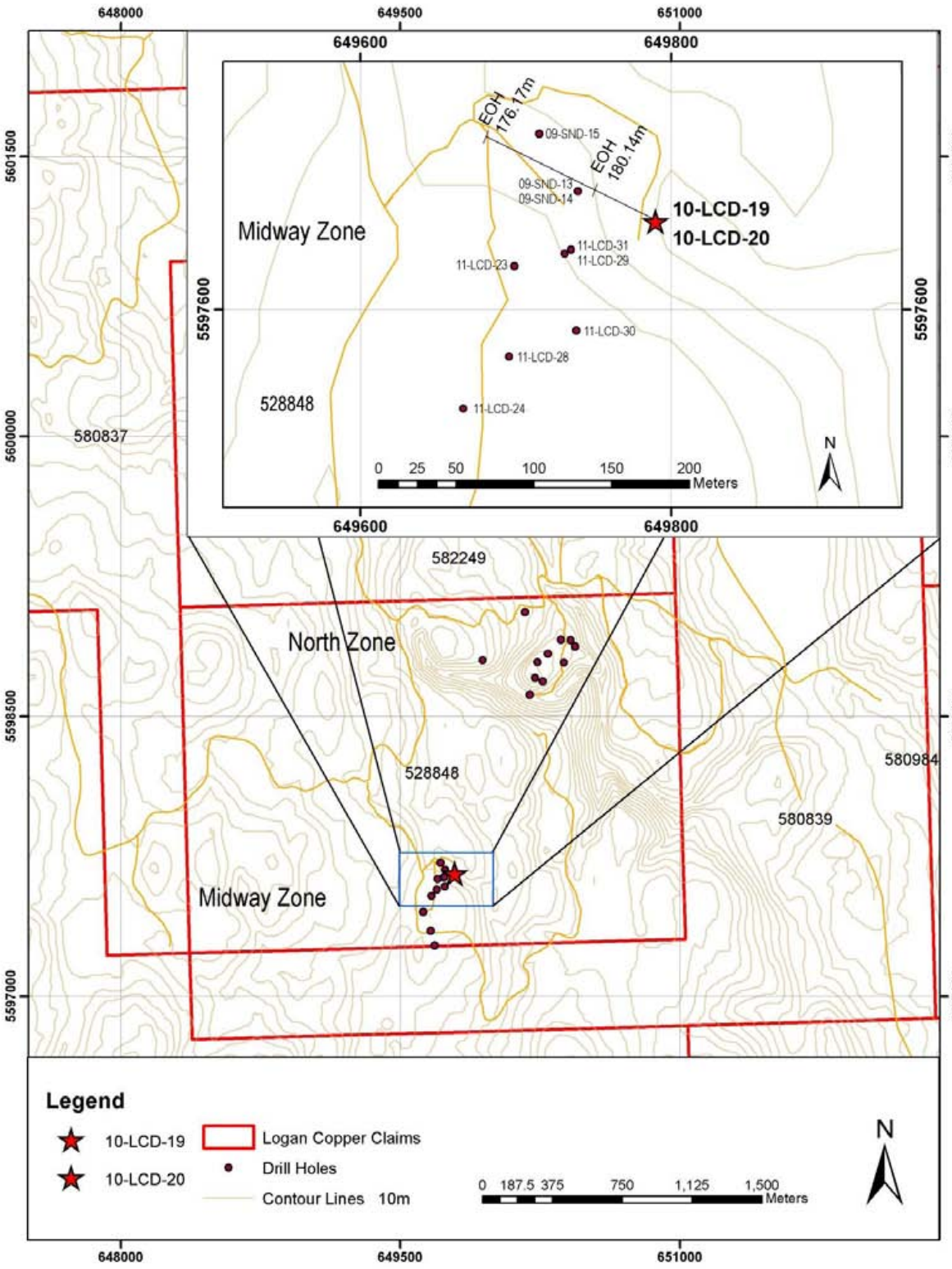


FIGURE 6: LOGAN COPPER DRILL HOLES 10-LCD-19 AND 10-LCD-20

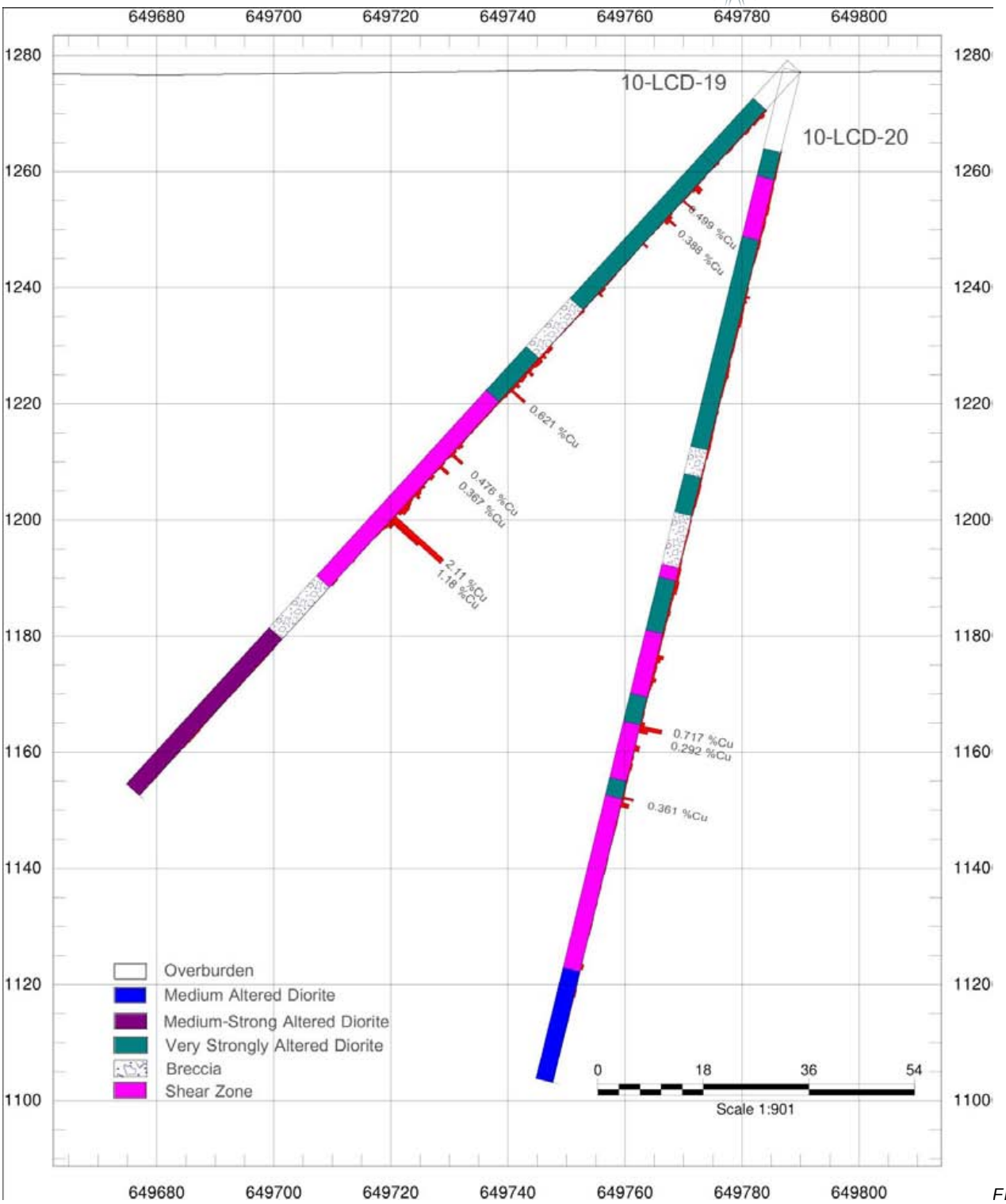


FIGURE 7: LOGAN COPPER DRILL HOLE 10-LCD-19 AND 10-LCD-20 CROSS-SECTION

13. SAMPLING METHOD AND APPROACH

In 2010, diamond drilling was performed by Guy Delorme Drilling using NQ size core. The drill core was preliminarily quickly logged on site and then was brought from the drill site by truck to a rented storage and core shack in Lower Nicola, west of Merritt, B.C, where the core was logged in detail and photographed before samples were split using an electrical rock saw. Half of the core was archived in the core shack, the other half of the core and a sample tag were placed into 12X20 inch plastic bags, and prepared for transport to Pioneer Laboratories Inc. and Eco Tech Laboratory Limited for analysis. A portion of 10-LCD-19 was sent to Pioneer Laboratory Inc. before freezing conditions halted cutting. The rest of 10-LCD-19 and all of 10-LCD-20 were cut and sent to Eco Tech Laboratories Limited once the freezing conditions subsided.

At Pioneer Laboratory Inc. and Eco Tech Laboratory Limited samples were lined according to numerical sequence and dried at 60 degrees Celsius. The dried samples were crushed and split with a riffle splitter. For analysis, 250 gram of the split sample was pulverized to -100 mesh (≥90%). The residual crushed sample are retained in the original bag and returned to the client.

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. Elements in solution are determined by ICP/ES.

Cu, Pb, Zn Analysis: 1.000 gm sample is digested with 50 ml of aqua regia, diluted to 100 ml with water. Cu, Pb and Zn contents are determined by atomic absorption spectrometer.

Au Analysis: 20 gram sample is digested with 60 ml of aqua regia, diluted to 150 ml with water. Gold in solution is concentrated with MIBK. Au content in MIBK is determined by atomic absorption spectrometer or graphite furnace AA.

Logan Copper Inc. implemented a Quality Assurance and Quality Control program for the Dansey drill program. This program consisted of inserting a series of Blanks and Reference Standards into the core sample batches submitted to both Pioneer Labs and Eco Tech Laboratory Limited for analysis.

Reference Standards

Reference standards and blanks used were:

CDN-CGS-22	0.725 ± 0.028 % Cu 0.64 ± 0.06 g/t Au
CDN-BL-7	<0.01 g/t Au, Pt, Pd
CDN-CGS-21	1.3 ± 0.084 % Cu 0.99 ± 0.09 g/t Au

Table 4: Standards and Blank Values used for 10-LCD-19 and 10-LCD-20

The standards and blanks mentioned above were inserted after approximately every 10 to 15 samples in the sample batches. Standards and blanks are inserted alternatively based on the estimated grades of the copper mineralization.

A total of fifteen standards and blanks were inserted into 10-LCD-19. Six of these were CDN-CGS-22, six were CDN-BL-7, and three were CDN-CGS-21.

A total of eighteen standards and blanks were inserted into 10-LCD-20. Seven of these were CDN-CGS-22, six were CDN-BL-7, and five were CDN-CGS-21.

14. INTERPRETATION AND CONCLUSIONS

Drill holes 10-LCD-19 and 10-LCD-20 on the Dansey Project area contained copper mineralization. These drill holes are located on a geochemical MMI Anomaly, a geophysical anomaly, and near a previous drill hole with high grade copper. Additionally the drilling is located near a regionally significant contact on the eastern edge of the Guichon Creek Batholith, a Jurassic-age intrusive hosting numerous significant mineral deposits. 10-LCD-19 and 10-LCD-20 have several impressive copper values. The high copper values tend to follow the shear zones and breccia.

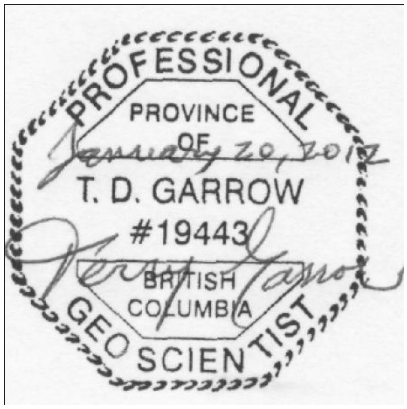
I believe the Dansey Project area has proven itself to contain significant hydrothermal-porphyry copper mineralization.

14.1. RECOMMENDATIONS

The following are recommendations based on the interpretation of current exploration results on the Dansey Project area:

I would recommend several step out holes at 50 meters to delineate the structural orientation and breadth of copper mineralization from 10-LCD-19 and 10-LCD-20. This would allow for shear and breccia structures to be interpreted and geological and mineralized zones to be linked in cross sections.

Additionally, geological mapping on the property to define the shearing in the area to determine if the mineralization is solely structurally controlled should be undertaken.



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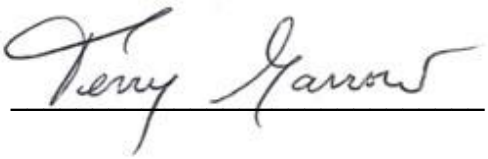
15. CERTIFICATES

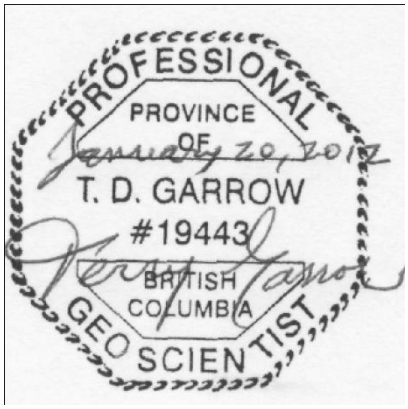
I, Terry David Garrow, of Blaine in the state of Washington, USA, do hereby certify;

1. That I am a consulting Geologist with offices at 8061 Chinook Way, Blaine, Wa., 98230.
2. That I am a graduate of Sir Wilfred Laurier University – 1966, and the University of Saskatchewan – 1969, with an advanced degree in geology.
3. That I am registered as a Professional Geoscientist in the Association of Professional Engineers and Geoscientists of British Columbia.
4. That my 40 years of continuous geological experience have exposed me to a wide range of supervisory, environmental and geological situation, and have allowed considerable familiarization with the exploration and production of both load and placer deposits.
5. That this report is written with the knowledge gained from my association with Logan Copper Inc. as a qualified person on site
6. That I have no interest, direct or indirect, in the properties or securities of Logan Copper Inc.

Dated at Ladner, B.C., this 20 day of January 2012



Terry David Garrow, P. GEO



APPENDIX I - DRILL-HOLE CORE RECOVERY

10-LCD-19		
From (m)	To (m)	Loss (m)
26.56	27.43	0.3
80.3	81.1	0.2
105.3	106.85	1.08
108	109	0.65
111.35	112.6	0.85
114	115.82	0.4
117.12	118.87	0.5
144.25	146.7	0.6
149.35	152	0.6
153	156	1.35
156	157.5	0.5
160	161.57	0.35
167.64	169	0.3
Lost (m)		**7.7**
Total Depth (m)		**176.17**
% Recovered		**95.6%**

10-LCD-20		
From (m)	To (m)	Loss (m)
20.5	22.5	-0.6
45.5	47.5	-1.3
56.5	58	-0.25
63.5	65	-0.15
77.5	79.15	-0.85
94.6	99.6	0.5
99.6	104.95	0.15
104.95	110.34	0.11
116.44	121.85	0.09
127.8	132.75	0.55
138.8	143.87	0.43
143.87	149.22	0.15
154.8	159.9	0.4
159.9	165.3	0.1
170.8	176.1	0.2
176.1	180.14	1.46
Lost (m)		**7.3**
Total Depth (m)		**180.14**
% Recovered		**95.9%**

APPENDIX II - DRILL-HOLE LOGGING

Glossary of Terms
chl: chlorite
epi: epidote
cpy: chalcopyrite
py: pyrite
sil: silicification
hemi: hemetite
carb: carbonate
kspar: potassic feldspar
lim: limonite
mal: malachite
diss: disseminated

Logan Copper Inc	Dansey Project		
Drill Hole ID	10-LCD-19		
Collar	649789.9m E	5597656.6m N	1277.2m Elevation
Azimuth	295°		
Dip	-45°		
Length	176.17m		
Starting date	27-Oct-10		
Ending date	3-Nov-10		
Logged by	TS		
Core	NQ	Dip test? No	Pictures? Yes
Notes	Drilled Midway Zone.		

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
0.00	9.14	CSG	CSG			Casing/Overburden	
9.14	22.80	V S Alt Dio	F			Very Strongly Altered Diorite, red to brown to black overall color. Consists of fine to medium grained green, black, orange, red, and white tabular-round and partially reabsorbed crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Joints and veins are @ 45°, 30°, 20°, and 10°. Quartz and carbonate veins are generally 1-5mm and occasionally crosscut. Pervasive kspar alteration with many chloritized crystals. Orange limonitic alteration along some veins and joints. Manganese alteration along joints and fractures and filling vugs in core. Manganese alteration is dendritic and as halos. Occasional specks of malachite along fractures, Tr-1%.Tr-2% Py and Cpy disseminated and in blobs along veins.	Kspar, Chl, Mn, Py, Cpy, Mal, Az
				12.40	12.52	Black-grey mottled zone with 1% fg disseminated Cpy and Py	
				14.60		1cm qtz vein @ 45°	
				15.80		3cm qtz vein @ 30°	
				18.55	19.40	Dark black-grey silicified zone. Disturbed with crosscutting and cut off veins. Core is softer when it's darker. Chl or Mn alt?	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				20.40		3 cm vuggy qtz vein	
				21.54	21.90	Silicified/ flooded zone with very strongly altered dio fragments in the qtz. Brx? Specs of azurite and malachite on joints, 1%, for last 10cm	
				21.90	22.05	broken core with bright yellow limonite(? Not sulphur, no smell, taste, and doesn't burn) with manganese and 1% specks of az and mal	
22.80	57.91	V S Alt Dio	F			Very Strongly Altered Diorite, Silicified, red to brown to black overall color. Consists of medium grained green, black, orange, red, and white tabular-round and partially reabsorbed crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Joints and veins are @ 45°, 30°, 20°, and 10°. Quartz and carbonate veins are generally 1mm-5cm and occasionally crosscut. Pervasive kspar alteration with many chloritized crystals. Orange limonitic alteration along some veins and joints. Manganese alteration along joints and fractures and filling vugs in core. Manganese alteration is dendritic and as halos. Occasional specks of malachite along fractures, Tr-1%.Tr-5% Py, Cpy, and Galena disseminated and in blobs along veins.	Silicified, Kspar, Chl, Mn, Py, Cpy, Mal, Az, Gal
				24.38		8cm of brx. 1-2 cm fragments of very strongly altered dio, brown with black, green, and grey. Black chl or mn matrix. Qtz around some fragments. Small bobs of Py, 3%.	
				24.00	24.20	3mm vein with 40% galena and 1 blob of Cpy @ ≈45°. 1cm qtz vein @ ≈45° with 2% Py and Cpy blobs. 1cm qtz vein with 1% Cpy and 1% Py. Mn in veins.	
				25.50		2 mm vein with 2% Py and Cpy in blobs. Some blobs near vein too.	
				26.00	27.20	Strong irregular and crosscutting qtz veins. 2mm-1cm with strong mn halos. Tr-5% Cpy and Py and Gal in veins and in disseminated blobs.	
				27.20	29.05	Disturbed, mixed up zone, brx?. Strong qtz veining, irregular, broken, and crosscutting veins. Very strongly altered dio fragments with qtz veining and strong mn alteration. Large 3-5mm gal crystals in veins. 1-5% Cpy and Py in veins and disseminated blobs. Some veins are vuggy with ≈3mm euhedral qtz crystals. Occasional specks of mal and az along fractures.	
				27.60		Vuggy qtz veins with mn and lim stain/alt. Nodules of black mn. Fg azurite is speckled all over euhedral qtz crystals. Qtz is brown-orange.	
				31.10	31.35	Large black vein of qtz @ ≈45° with 3% Cpy in blobs	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				34.20	36.40	Qtz flooding or very large veins @ ≈45°. Black and white, mn or chl alteration. 3% Cpy and Py in fg blobs throughout. Lim alt on fractures and joints. Occasional patches of very strongly altered dio from 35.6 to 36.4m.	
				37.90	38.00	3cm qtz vein with black chl or mn alt and 1-5mm galena crystals. 10% galena	
				41.55	42.00	Large qtz flooding or vein. Black and white, trending @ ≈45° with 3% Py and 1% Cpy. 1 speck of mal. Fg fragments in qtz of black, green 2mm-1cm rock.	
				50.90	51.10	Large crosscutting qtz veins, possibly flooding with black, white and yellowish qtz. Angular fragments within	
				51.30	51.45	Qtz flooding, black and white with angular fragments within	
				51.70	51.75	White and black qtz flooding.	
				52.80	59.30	Black and white silicified zone, disturbed look with crosscutting veins, some @ ≈45°. Broken brx look. Qtz flooded? Overall 2% disseminated Cpy.	
				59.28		Vuggy qtz vein, 1cm with 2%Cpy	
57.91	69.60	Brx	F Brx			Disturbed silicified zone of breccia. Angular to rounded brx from 1mm-3cm, vague to distinct brecciation. Green, tan, orange fragments of strongly altered diorite from previous unit. Pervasive kspar alt with chloritic and limonitic alt as well as carbonate alt. Manganese alt in splotches, halos, and dendritic. Veining and joints generally @ 45°, 20°, and 80°. Veins are 1mm-5cm crosscut and are cut off and swirled. Specks of Mal and Az, Tr-1%. Tr-3% Py and Cpy in veins and disseminated.	Silicified, Kspar, Chl, Mn, Carb, Py, Cpy, Mal, Az
				57.91	62.00	Small vugs	
				57.91	60.80	Well defined brx	
				60.80	66.30	Vague brx, brownish with grey fill. Rare joint filled with white green goo.	
				66.30	66.60	Well defined brx, greenish with black fill	
				63.80		4cm pink qtz carb vein. Angular pieces of surrounding rock in it.	
				66.60	66.90	Sheared? Gritty disturbed core. Not silicified.	
				66.90	79.55	Vague brx with a few distinct fragments	
				66.90	67.10	Az and mal along joints and fractures, 20% on joints.	
				67.60	68.10	1% az and mal along fractures and mixed in, disseminated. 2% Py disseminated.	
				68.30		Few specks of Mal in lim stained vein. Tr-1%	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				68.40		Joint with sandy clay on both sides @ ≈45°	
				68.80	69.00	Patches of Mal in joint and fractures, Tr-1%	
				66.30	69.60	Disturbed mixed up, with vague brx. Crosscutting and cut off veins.	
69.60	80.30	V S Alt Dio	F			Very Strongly Altered Diorite, green to brown overall color. Disturbed core. Consists of fine to medium grained green, black, orange, red, and white tabular-round and partially reabsorbed crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Joints and veins are @ 45°, 20°, and 80°. White, pink, and grey quartz and carbonate veins are generally <1-2mm and are generally irregular and crosscut. Pervasive chlorite alteration with kspar, limonite, and hematite alt. Manganese alteration along joints and fractures. Manganese alteration is dendritic and as halos. Occasional specks of malachite along fractures, Tr-1%.Tr-10% Py and Cpy disseminated and in blobs along veins.	Kspar, Chl, Mn, Py, Cpy, Mal, Az
				69.60	72.25	Strong green chl alt with some limonite.	
				71.10		1mm hematite vein with 15% Py	
				72.25		3cm fault brx, green and brown. Clay-2mm fragments. Sheared @ ≈45°	
				72.00	72.25	Fractured in place, very disturbed with crosscutting veins. 1% Py disseminated.	
				72.25	75.80	Brown-orange lin alteration throughout. Some chl alt visible	
				72.25	73.55	Disturbed fractured in place, mixed up look. Strong Mn alt mixed in. Specks of Mal along fractures. 2% Mal	
				73.75	74.00	Disturbed fractured, crumbly rock. Breaking @ 45°	
				74.10	74.20	Fault brx, sheared @ ≈60-45°. Clay-1cm brown fragments. White-green clay.	
				75.20	75.40	2 mm vuggy lim vein with limonitic halo	
				75.40	80.00	Pink to dark green disturbed and mixed zone. Chl and kspar alt. Very fine grained disseminated Py and/or Cpy, and in blobs in veins.	
				76.00		2 3mm qtz veins with 5% Cpy, and 1cm black fragment nearby	
				76.20	76.40	≈20° pink alt in bands, foliated? Or alt halos?	
				77.10	77.25	2cm qtz veins @ ≈20° with 20% fg Py in blobs	
				77.30	78.80	Very disturbed and fractured in place. Crumbly. Bright green (epi alt?) clay on 2 joints	
				78.38	78.48	Very dark green	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				78.90	79.55	Dark green with a little pink. Disturbed and fractured in place.	
				79.20	79.28	8cm green fault brx, Sheared @ 45°, clay- 2cm fragments	
				79.55	80.30	Lim staining along joints and fractures, very disturbed and fractured. Broken and crumbly, pink to dark green.	
80.30	125.50	Shr Zone	K			Shear zone consisting of Very Strongly Altered Diorite to Cataclasite, Fault Brx, broken core, and Clay gouge. Pink and green coloring. Kpsar, chlorite, and occasional hematite alteration. Joints and veins @ ≈20° and ≈45°. Qtz carb veins, <1-2mm, crosscutting. Tr-1% fg disseminate Py.	Kspar, Chl, Hema, Py, Cpy
				80.30	83.70	Broken and crumbly dark green Very Strongly Altered Dio with some pink. Very Disturbed, fractured and mixed up.	
				80.30	80.40	Fault brx, clay-5cm green fragments.	
				80.95	91.05	Broken core with 20% clay	
				81.50	81.75	Fault Brx, green and pink, clay-2cm fragments. Mostly 1-2mm fragments. Sheared @ 45°	
				81.90	81.95	Fault brx, green and pink, clay-1cm fragments. 75% clay.	
				81.95	82.50	Very disturbed, fractured, and mixed up very strongly alt dio with hematite alt. Brx with qtz flooding @ 82.4 for 10cm.	
				82.50	83.70	Broken core with clay fault brxs. Green and pink fragments, clay-2cm fragments, 50% clay. Hematite alt. Tr-1% disseminated Py	
				80.70	80.90	Clay gouge, green and pink	
				86.30	86.40	Fault brx, light grey to green, clay-1cm fragments. Sheared @ ≈20°	
				86.50	86.60	Fault brx, pink to light grey, clay-1cm fragments	
				86.90	87.30	strongly disturbed and fractured in place, very strongly alt dio	
				87.30	87.70	Dark green disturbed, fractured, and broken very strongly altered dio. Chloritized with some hema alt. Joints have sandy clay in them.	
				88.20	88.25	Clay gouge and broken core	
				88.25	88.55	very disturbed and fractured in place. Crumbly.	
				88.55	89.00	Very fine fractures, brx? Silicified, mostly white and approaching cataclasite though may be very strongly altered dio.	
				89.00	89.80	Fault brx and broken core. Kspar, chl, and hema alt.	
				89.80	90.50	Very disturbed and mixed cataclasite with some patches of very strongly altered dio. Very fine fractures with crosscutting veins. Cata brx?	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				90.50	91.55	Clay gouge and fault brx. 80-90% clay. Clay-5mm fragments, grey green and pink. Chl and hema alt.	
				91.55	92.10	Grey, pink, and green cata and fault brx. Disturbed and fractured.	
				92.10	95.00	Fault brx and clay gouge and broken core. Clay-5cm fragments, Grey, pink, and green. Sheared @ 45° and 20°. Several solid pieces of very strongly altered dio and cataclasite. Chl, hema and kspar alt.	
				92.65	92.80	Solid silicified cataclasite brx.	
				95.00	95.30	Broken green cata with 1 cm green clay gouge at end	
				95.30	96.60	Green silicified cata with disturbed crosscutting veins.	
				95.80	96.10	2% Cpy blobs in qtz veins	
				96.60	97.20	Broken core with 70% clay. Hema alt	
				72.20	98.80	Cata brx. Green and pink fragments with crosscutting veins and fractures.	
				98.80	99.90	Fault brx and broken core. Pink and green and red. Some joints show slip. Clay-5cm fragments of cata, 30% clay.	
				99.90	100.70	Disturbed core, fractured cata, red and green.	
				100.70	101.30	Cata brx, disturbed, green and black, crosscutting veins.	
				101.30	101.75	Broken core and fault brx. Clay-3cm green fragments. Chl and hema alt. 30% clay.	
				101.75	102.00	Green disturbed cata, fractured	
				102.00	103.65	Fault brx, red and green, clay-5cm fragments. Chl and hema alt.	
				103.65	103.75	Green clay gouge	
				103.75	104.45	very strongly altered dio. Red with green. Kspar and chl alt.	
				104.45	105.30	Green and red cata brx. Disturbed and fractured. Crosscutting veins, broken zones. 1-2% Cpy blobs.	
				105.30	106.85	Broken green cata with 30% clay. Tr-1% fg disseminated Cpy. Last 6cm is an intact fault brx, clay-2cm green and red fragments.	
				106.85	107.80	Green and red cata brx. Disturbed and fractured. Silicified. 1-2% Cpy blobs. 107-107.2m qtz flooding.	
				107.80	108.00	Cata brx, red and green, and broken core with 6cm clay at end.	
				108.00	110.40	green and red cata brx, generally very broken. 3-5% diss. Cpy blobs. Hema along fractures.	
				110.40	111.35	Green and red cata brx, disturbed and fractured with some broken core. Chl, kspar, and hema alt.	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				111.35	112.05	Fault brx, green and pink, clay-1cm fragments. 10% clay. 85cm core lost.	
				112.05	113.17	Very Strongly Altered Dio, red and green. Very Disturbed and fractured, Brx?. Mostly broken. Chl, kspar, and hema alt.	
				113.17	114.05	Broken core and Fault Brx, clay-5cm, 30% clay.	
				114.05	114.40	Cata brx, red and green. Disturbed and fractured.	
				114.40	114.90	Fault Brx, 50% clay, brownish green, Clay-50% Clay. 40cm core loss.	
				114.90	121.92	Fault Brx, and broken core.	
				121.92	122.03	Red Fault Brx and clay gouge. Clay-2cm fragments. 80% red clay. Hematite alt.	
				122.03	124.85	red and green Cata brx,. Very disturbed and fractured. Strong crosscutting qtz carb veins.	
				124.85	125.40	Very Strongly Altered Dio, disturbed and fractured, brx? Kspar, chl, and hema alt	
				125.40	125.50	broken core with 20% clay	
125.50	138.10	Brx	F Brx			Disturbed silicified zone of breccia. Angular to rounded brx from 1mm-3cm, vague to distinct brecciation. Green, pink, and grey fragments of strongly altered diorite. Pervasive chlorite and kspar alt as well as carbonate and possible manganese alt. Veining and joints generally @ 45°, 20°, and 80°. Qtz carb veins are 1mm-1cm crosscut and are cut off.	Silicified, Kspar, Chl, Mn, Carb
				125.50	128.80	Distinct Brx	
				128.80	135.90	Vague greenish Brx	
				135.90	137.65	Distinct Brx	
				137.65	138.05	Red Fault Brx with 60% Clay. Clay-1cm fragments, white, green and red.	
				138.05	138.10	Strongly Disturbed Cata brx	
138.10	176.17	S-M Alt Dio	D-C			Strong to Medium Altered Diorite, red to green to grey and brown overall color. Consists of fine to medium grained grey, black, green, and pink crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Generally broken core. Joints and veins are @ 45°, 20°, and 80°. Quartz and carbonate veins are generally <1-3mm and are and occasionally have halos. Silicified and with chlorite, kspar, hematite, and rare Epidote and Manganese alt. Rare black fragments, ≈1cm.	Silicified, Kspar, Chl, Epi, Mn, Carb
				138.60	138.70	Broken core with 20% red hematitic clay	
				138.70	143.75	Broken core and fracturing	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				151.60	155.50	Broken core and fracturing	
				156.25	156.65	Tan to pink brx. Tan and black and white fragments with crosscutting qtz veins	
				165.57		1cm clay gouge	
				165.80	166.40	Strong epi alt	
				166.40	166.50	Broken core with 20% red hematitic clay	
				166.50	166.70	Bleached and fractured zone, Brx? Vague and disturbed.	
				167.65	171.85	Badly broken core with clay and disturbed fractured solid pieces	
		EOH	**176.17 m**				

APPENDIX II - DRILL-HOLE LOGGING

Logan Copper Inc	Dansey Project		
Drill Hole ID	10-LCD-20		
Collar	649789.9m E	5597656.6m N	1277.12m Elevation
Azimuth	295°		
Dip	-75°		
Length	180.14m		
Starting date	4-Nov-10		
Ending date	9-Nov-10		
Logged by	TS		
Core	NQ	Dip test? No	Pictures? Yes
Note	Drill North Zone		

Glossary of Terms
chl: chlorite
epi: epidote
cpy: chalcopyrite
py: pyrite
sil: silicification
hemi: hematite
carb: carbonate
kspar: potassic feldspar
lim: limonite
mal: malachite
diss: disseminated

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
0.00	14.33	CSG	CSG			Casing/Overburden	
14.33	19.20	V S Alt Dio	F			Very Strongly Altered Diorite, red to brown to black overall color. Consists of fine to medium grained grey, green, black, orange, red, and white tabular-round and partially reabsorbed crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Joints and veins are @ 45°. Quartz veins are generally <1-2mm. Pervasive kspar alteration with many chloritized crystals and hematite along fractures. Manganese alteration along joints and fractures. Manganese alteration is dendritic and as halos.	Kspar, Chl, Hema, Mn
19.20	30.00	Shr	K			Shear zone consisting Fault Brx, broken core, and Clay gouge. Light brown-tan and green coloring. Kpsar, chlorite, mn, and occasional hematite alteration. Clay-3cm, black, grey, pink, and brown fragments. Some fault brx are healed up. Joints and veins @ ≈20° and ≈45°. Qtz carb veins, <1-2mm, crosscutting. Tr-1% fg disseminate Py.	Kspar, Chl, Hema, Mn, Py
				23.47	24.08	Fault Brx 2-3cm black and dark grey fragments, hematite alt.	
				27.7	28.55	Green chl Brx, disturbed, crumbly and broken, black fractures (chl or mn?) soft.	
				28.55	30	Brownish Brx with qtz veining. Silicified, Tan-brown fragments of very strongly alt dio with mn. Mn halos around some veins. Some broken core	
30.00	67.40	V S Alt Dio	F			Silicified Very Strongly Altered Diorite, red to brown to black overall color. Consists of fine to medium grained grey, green, black, orange, red, and white tabular-round and partially reabsorbed crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Joints and veins are @ 45°, 20°, and 65°. Quartz carb veins are generally <1-3mm. Tr-1% Cpy in blobs and disseminated. Tr Mal in specks. Pervasive kspar alteration with many chloritized crystals and chlorite and hematite along fractures. Manganese and Limonite alteration along joints and fractures. Manganese alteration is dendritic and as halos. Very little carbonate.	Silicified, Kspar, Chl, Hema, Mn, Lim, Cpy, Mal

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				41		White and black qtz vein with 3% Cpy @ 20°	
				40	40.25	Grey to black qtz veins with 3% Cpy in blobs @ 20°. Epi and Hema in veins.	
				43.3	44.5	Broken core with ground up, sandy/gravely spots. Flt?	
				50	52	Disturbed and fractured silicified brx. Dark pink and black. Vaguely brecciated with pink very strongly alt dio fragments.	
				52	55	Black-grey with pink Very Strongly Altered Diorite, brx. Pink and grey/black fragments in black chl or mn matrix. Silicified, disturbed and fractured. Rock sample J. Broken core zones.	
				54		12cm badly broken core with 20% clay.	
				54.2	54.42	Qtz flooding? Several specks of Mal.	
				56.15	56.5	Broken dark grey pink very strongly altered dio, disturbed and mixed up. Cross cutting veins and clay feel to fractures.	
				55	59.5	Very Strongly Altered Diorite grey-pink, disturbed and fractured, crosscutting veins. Not silicified. Large black crystals or fragments @ 57m.	
				57.6	58	Clay gouge with broken core. 25cm core loss.	
				60.4	62.1	Grey and brown clay gouge, solidified in places. Not squishy. With zones of broken core.	
				62.1	67.4	Disturbed and fractured very strongly altered dio. Pink and black grey with crosscutting qtz veins. Rare black fg fragments, rounded, 5mm-1cm. Occasional broken core.	
				63.2		5cm orange and brown fault brx, 50% clay, clay-5mm fragments.	
				63.75		3cm clay gouge	
67.40	72.25	Brx	F (J?) Brx			Disturbed silicified zone of breccia. Angular to rounded brx ≈1cm, vague to distinct brecciation. Pink to dark grey black fragments of strongly altered diorite. Kspar, chlorite, limonite, hematite, manganese, and a little carbonate alt. Veining and joints generally @ 45°, 20°, and 75°. Qtz carb veins are 1mm-5mm crosscut and are cut off. Black aphanitic hard veins, tourmaline? Occasional vuggy veins.	Silicified, Kspar, Chl, Hema, Mn, Lim, Tour?
				64.15	70.7	Qtz flooding? Disturbed and swirled look. Limonite alt.	
				70.7	70.8	Crumbly, sandy broken core wit clay feel.	
72.25	79.15	V S Alt Dio	F			Silicified Very Strongly Altered Diorite, disturbed and fractured, pink to grey to green overall color. Consists of fine to medium grained grey, green, black, orange, red, and white tabular-round and partially reabsorbed crystals. Crystals are hornblende, quartz, feldspar, and likely biotite and chlorite. Joints and veins are @ 45°, 20°, 30° and 85°. Quartz carb veins are generally <1-3mm and occasionally crosscut and have vugs. Pervasive kspar alteration with many chloritized crystals and chlorite and hematite along fractures. Manganese and Limonite alteration along joints and fractures. Manganese alteration is dendritic and as halos. Very little carbonate. Occasional fg black rounded 5mm-2cm fragments.	Silicified, Kspar, Chl, Hema, Mn, Lim
				73.5		5mm round black fg fragment	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				74.75		2cm round black fg fragment	
				75.5		2cm oblong black fg fragment	
				76.8	77.15	Broken core with 10% clay	
				77.6	79.15	Dark grey very strongly altered dio. (F or J?)	
				79		2 1 cm black fg fragments	
79.15	88.40	Brx	F Brx			Disturbed silicified zone of breccia. Angular to rounded brx ≈1cm, vague to distinct brecciation. Red and grey fragments of strongly altered diorite. Kspar, chlorite, limonite, hematite, manganese, and a little carbonate alt. Veining and joints generally @ 45°, 20°, and 75°. Qtz carb veins are 1mm-5mm crosscut and are cut off.	Silicified, Kspar, Chl, Hema, Mn, Lim, Carb
				79.15	79.85	Grey green qtz brx, mottled with very strongly altered dio fragments, 95% Qtz, Qtz flooding? Generally broken core. Lower contact ≈20°.	
				79.85	80.5	Grey green brx, very disturbed, fractured, and swirled with vugs. Qtz mixed in with very strongly altered dio fragments.	
				80.5	82.75	Disturbed and broken very strongly altered dio. Sandy with clay @ 82.1m, 20% clay	
				82.75	84	Grey green qtz brx mixed in with very strongly altered dio.	
				84	88.4	Broken core, sandy, brx or fragmental with pink and green very strong alt dio brx. Disturbed.	
88.40	90.73	Shear Zone	K			Very altered, healed fault breccia with 70% clay. Light grey overall with green, black and red areas. Clast are sub-angular with sizes ranging from 1mm - 3cm and are mostly alt diorite with indistinct green, grey, and red clasts. Alterations are pervasive chlorite with K-spar epidote, hematite, and manganese. Most joints are at 20° with a few at 70° and are filled with clay fault gouge. Blotches of black manganese throughout ranging from 2mm - 5cm. Entire unit cuts with a knife. No reaction to HCl. Not magnetic. End contact indistinct.	Chl, Epi, Kspar, Hema, Mang
				88.85	89.23	15% manganese blotches	
				90.3	90.73	Broken core	
90.73	100.16	VS Alt Dio	J			Alt diorite with brecciation and fault gouge. Pink, black and green. 50% K-spar, 30% chlorite, 20% quartz. Fine grained with exception of brecciated area where clast are sub angular and range from 2 - 3cm. Black 60%, pink 40%. Strong chlorite alt gradually transitioning to K-spar at 94.6. Fault angles at 45° and 60° with areas of broken core (1 - 10cm). Most core harder than knife with exception near and on gouge. Quartz veins with some red coloring at 45° and randomly oriented with some cross cutting. No reaction to HCl. Not magnetic. End contact at 25°.	Kspar, Chl, Mal, Mang
				91.99	92.07	fault gouge	
				92.05		Spec of malachite and dendritic manganese	
				92.56	92.75	fault gouge	

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				94.2	94.3	fault gouge	
				94.85	95.14	broken core	
				97.19	97.44	fault gouge	
				100.25	101.11	fault gouge	
100.16	111.46	Shear Zone	K			Healed brecciated cataclasite with alt diorite clast and fault gouge. Reddish-brown, red, green, pink, tan, grey, and white. Brecciated clast made up of medium grain alt diorite and range from 2mm - 3cm. Alterations include K-spar, epidote, and chlorite which vary in strength with alternating intervals. Minor reaction to HCl on solid core surface, readily reacts on brecciated healed core, and strongly reacts on veins. Veins 90% carbonate and 10% hematite with no orientation. Faults at 45° and filled with clay gouge with a few vertical (90°) fractures along heavy alteration. Not magnetic. End contact indistinct.	Kspar, Epi, Chl, Carb, Hema, Py
				100.16	100.26	Fault gouge	
				103.69	103.97	Fault gouge	
				104	104.24	Fault gouge	
				104.88	104.95	Fault gouge	
				105.51	105.77	Fault gouge	
				109.34	109.93	Fault gouge	
				109.64		Pyrite mineralization Tr - 1%	
				110.79	111.07	Fault gouge	
111.46	116.44	VS Alt diorite	D / F			Very strongly altered, medium grained diorite. Pink, green, grey, and black. 40% K-spar, 40% chlorite 15% epidote 5% quartz (veins). Harder than steel in areas of silification. Reaction to HCl in some veins. Veins quartz with some carbonate. Faults at 20° and 45° with fractures along planes of epidote alteration. Not magnetic. End contact indistinct.	Kspar, Chl, Epi, Carb, Py
				112.46	113.01	Broken core (2 - 10cm)	
				113.39	113.67	Fault gouge with some broken core	
				115.78		Pyrite mineralization 3%	
				115.49	116.55	Very strong chlorite alteration	
				116.07	116.44	Fault gouge	
116.44	126.48	Shear Zone	K			Very altered brecciated diorite. Dark green gradually transitioning into pink. 50% chlorite with K-spar and epidote transitioning at 121.39 into 50% K-spar with chlorite and epidote. Intervals of solid core and clay fault gouge average length of solid 7cm and average length of gouge 30cm. Breccia clast sub-angular fine-medium grained 2mm - 3cm. HCl reaction on veining and some gouge. Carbonated veins 1 - 5mm randomly oriented with minor hematite. Highly fractured with faults at 45°. Not magnetic. End contact indistinct.	Chl, Kspar, Epi, Carb, Hema, Py

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				116.44	116.69	Areas of pyrite / chalcopyrite mineralization 3 - 5%.	
				117.05	117.99	Fault gouge with 1cm carbonate vein	
				118.14		Pyrite / chalcopyrite mineralization 1%	
				118.74	119	Fault gouge	
				119.48	120.22	Fault gouge	
				121.45	122.33	Fault gouge	
				122.13		Pyrite mineralization 1%	
				125.73	126.48	Fault gouge	
126.48	129.59	VS Alt diorite	D / F			Very altered medium grained K-spar diorite. Pink with some dark greenish-black. 70% K-spar, 15% chlorite, 10% epidote, 5% manganese. Harder than steel. HCl only on veins. Carbonate veins 1 - 3mm cross cutting and at 25°. Faults break at either 45° or 70° with fractures along mineralization and heavy alteration. Not magnetic. End contact at 80°.	Kspar, Chl, Epi, Mang, Carb, Py
				127.02		Pyrite mineralization 1%	
				128.8	129.05	Vein-like manganese blotches containing mineralization and alterations	
				129.49		Pyrite mineralization 5% upon manganese blotches	
129.59	160.38	Shear Zone	K			Sheared zone with strongly altered diorite, cataclasite (brx?), broken core, fault breccia and clay gouge. Light grey-red-green-black. Fine cataclasite. Disturbed and mixed up zone. Tr-5% Py in veins and disseminated. Strong chlorite, epidote, kspar, and hematite alteration.	Chl, Epi, Kspar, Hema, Mang
				129.59	130.62	V Alt chloritic diorite with fault breccia. Whitish-green 60%, green, 25%, and pink, 15%. Chlorite alteration with some K-spar. 5cm of gouge at 129.59 and 15cm at 129.88. Jointing at 25° and sporadic fracturing. Fine grained. 60% clay. HCl reaction on all and strong on veins. Carbonate veining 1 - 3mm with no orientation. Not magnetic.	Chl, Kspar, Epi, Carb
				130.62	132.06	V Alt K-spar diorite with fault breccia. Pink 80% green 20%. K-spar alteration with some chlorite. 1m of gouge at 131.19. Jointing at 25° sporadic fracturing. Fine to medium grained. 70% clay. HCl reaction on all and strong on veins. Carbonate veining 3mm - 1cm with no orientation. Not magnetic.	Kspar, Chl, Epi, Carb
				132.06	135.38	V Alt and broken diorite. 50% pink , 50% green. Varying intervals of equal amounts of K-spar and chlorite alteration. All broken with a few pieces of solid core average 10 cm in length. Small areas of gouge throughout average <3cm. Fine to medium grained. 10% clay. HCl reaction strong on veins. Carbonate veining 1 - 3mm. Trace pyrite at 133.8. Not magnetic.	Kspar, Chl, Epi, Carb, Py
				135.38	137.08	V Alt Diorite. 75% green, 25% pink. Chlorite and epidote alteration with some K-spar alteration. Jointing mostly at 45° with sporadic fracturing. Fine to medium grained. HCl reaction on all and strong on veins. Carbonate veining 3mm - 1cm with a few oriented roughly 45°. Not magnetic.	Chl, Epi, Kspar, Carb
				137.08	138.72	Brecciated cataclasite with clasts of V Alt diorite. Green 40% pink 30% white 20% red 10%. Broken core with bits of gouge 137.28 - 138. White gouge 138.4 - 138.8. 70 % clay. HCl reacts minor to core and strong to veins. Veins mostly carbonate1 -3mm, hematite 5-7mm, and manganese (within cracks) 1mm. Fracturing at 45° mostly. Not magnetic.	Chl, Epi, Kspar, Hema, Mang, Carb

Major From (m)	Major To (m)	Major Rock Type	Major Rock Code	Minor From (m)	Minor To (m)	Geological Description	Alteration
				138.72	144.54	V Alt fine grained chloritic diorite. 50 % dark green, 30% light green, 15% pink, 5% red. Strong chloride alteration, with less strong epidote, K-spar, hematite, and carbonate alteration. Brecciated in places with fine grained 3mm - 2cm clast. Iron staining throughout in places (fine grained banding up to 3cm). Sporadic blotches of manganese 1-2cm at/around at 140.5.and 141.5. 2 cm carbonate @ 60° vein at 142.5 and smaller ones (1-3mm) throughout with no orientation. Gouge at 143.37 - 143.69. HCl strong on veins. 5% clay. fracturing sporadic throughout (tends to break with alteration). Not magnetic.	Chl, Epi, Kspar, Hema, Mang, Carb
				144.54	149.66	Brecciated cataclasite with clasts of V Alt fine - medium grained diorite. Green 40% pink 30% white 15% red 15%. Healed gouge with intervals of soft gouge. 50 % clay. Clast size 1 - 5mm. Almost equal amounts of chlorite and K-spar alteration, with some epidote, carbonate, and hematite alteration. HCl reacts minor to core and strong to veins. Veins randomly oriented with cross cutting carbonate1 mm - 1cm with some hematite clay within fractures (up to 3cm). A few faults at 45° but mostly sporadic fractures and broken core. Not magnetic. End contact at 45°.	Chl, Kspar, Epi, Carb, Hema
				149.66	153.46	Very strongly altered fine grained chloritic diorite. 40% dark green, 30% light green, 20% pink, 5% white, 5% red. Strong chlorite alteration with epidote, K-spar, carbonate, and hematite alterations. Carbonate veining 1 - 3mm with no orientation. Faults at 25° 45° 75° with 25cm of broken core at 147.56 (avg size 5cm). 35cm of gouge at 150.2. Not magnetic. End contact indistinct.	Chl, Epi, Kspar, Carb, Hema
				153.46	154.76	Fault gouge. 95% red 5% light green. 90% clay 10% clast of altered diorite with trace carbonate. Hematite alteration. Minor HCl reaction only at areas of light green / white. No faulting. Not magnetic. End contact at 45°? (too soft to be certain).	Hema, Epi, Carb
				154.76	160.38	Strongly brecciated cataclasite with clasts of fine grained chloritic / k-spar altered diorite. 50% red, 30% dark green, 20% pink. Intervals of solid core, gouge and broken core throughout. Hematite, chlorite, K-spar, carbonate alterations. HCl reaction on veins only. Veins 3mm - 1cm mostly carbonate with some quartz-carbonate and hematite filled fractures all oriented at 45°. Faults occur at areas of alteration and are also 45° with random fractures. Not magnetic. Abrupt end contact at 25°.	Hema, Chl, Kspar, Carb
160.38	180.14	Med Alt Diorite	C / B			Medium altered medium grained diorite. White 35% black 30% 20% light green, 15% pink. Quartz, hornblende, biotite, chlorite, epidote, K-spar. Intervals of K-spar, chlorite, epidote, and minor carbonate (veins) alteration. HCl reaction only on veins. Minor carbonate and epidote veining throughout 1 - 3mm with no orientation. Faults occur at areas of heavy alteration and are at 45°. Harder than steel. Sporadic light green (epidote) banding near or on veins. Faintly magnetic. EOH.	Kspar, Chl, Epi, Carb
				160.6	160.63	Epidote band	
				164.4	164.85	Fractured core	
				165.3		Transitions into more K-spar	
				165.48	165.52	Epidote band	
				168.33	168.53	Siliceous zone	
				170.3	170.56	Siliceous zone	
				176.1	176.6	Broken core	
				177.11	177.17	Epidote band	
		EOH	**180.14 m**				

APPENDIX III - DRILL HOLE CORE ASSAYS

Tables presented in this appendix have been modified from the original to include sample intervals, maintain sample interval order and include fire assays results for Cu samples over 10,000ppm.

10-LCD-19 All values are in parts per million (ppm) unless stated otherwise

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
101301	9.14	10.04	0.9	.2	.65	<5	<5	221	<10	.17	2	8	32	417	0.042	1.85	.22	.38	722	1	.03	6	.12	18
101302	10.04	10.88	0.84	.5	.89	<5	<5	618	<10	.16	4	13	56	1164	0.116	2.09	.25	.53	1875	15	.03	7	.14	23
101303	10.88	11.69	0.81	.2	.86	19	<5	188	<10	.34	44	7	55	720	0.072	1.57	.26	.55	1216	4	.03	6	.18	18
101304	11.69	12.19	0.5	.2	.89	23	<5	84	<10	.32	8	8	46	625	0.062	1.66	.26	.59	1221	4	.02	5	.14	23
101305	12.19	12.79	0.6	.8	.99	50	<5	270	<10	.11	3	10	41	845	0.085	2.13	.23	.61	1243	20	.02	5	.14	27
101306	12.79	13.4	0.61	.1	.95	<5	<5	1031	<10	.15	3	8	56	252	0.025	1.71	.29	.57	1234	3	.02	8	.12	20
101307	13.4	14	0.6	.3	1.11	<5	<5	1044	<10	.15	3	11	58	573	0.057	2.28	.24	.67	1632	3	.03	7	.09	28
101308	14	15	1	.1	1.03	14	<5	73	<10	.17	2	9	59	748	0.075	2.00	.26	.58	1079	1	.03	6	.14	44
101309	15	16.2	1.2	.5	1.13	13	<5	58	<10	.14	2	10	49	351	0.035	2.56	.26	.56	1091	2	.03	7	.13	50
101310	16.2	16.65	0.45	.6	1.14	<5	<5	48	<10	.15	2	8	58	332	0.033	2.43	.25	.59	970	2	.03	8	.12	50
101311	16.65	17.25	0.6	.4	1.00	19	<5	62	<10	.15	2	7	58	304	0.030	2.10	.23	.62	1078	1	.03	8	.18	80
101312	17.25	18.15	0.9	.2	.92	27	<5	51	<10	.14	2	7	60	378	0.038	2.04	.24	.50	791	1	.03	6	.16	128
101313	18.15	18.55	0.4	.1	1.06	41	<5	61	<10	.13	2	11	52	470	0.047	2.58	.24	.49	939	1	.03	7	.17	160
101314	18.55	19.15	0.6	.4	1.10	62	<5	150	<10	.08	3	18	90	661	0.066	3.03	.17	.49	1052	10	.02	8	.12	77
101315	Standard A			2.9	1.34	16	<5	98	<10	.74	1	9	41	7386	0.739	2.90	.15	.72	420	58	.08	29	.14	29
101316	19.15	19.75	0.6	.4	1.11	24	<5	164	<10	.10	2	15	67	465	0.047	3.12	.19	.44	897	4	.02	8	.10	43
101317	19.75	20.45	0.7	.4	.77	31	<5	774	<10	.13	2	8	58	214	0.021	1.93	.28	.29	328	1	.03	7	.09	72
101318	20.45	21	0.55	.3	.36	19	<5	74	<10	.11	1	15	63	144	0.014	1.09	.24	.09	325	1	.03	5	.08	78
101319	21	21.55	0.55	.8	.43	<5	<5	358	<10	.12	1	7	39	181	0.018	1.10	.26	.12	122	4	.03	6	.12	40
101320	21.55	22	0.45	.1	.34	20	<5	50	<10	.11	2	8	98	298	0.030	1.05	.28	.07	110	3	.03	6	.11	176
101321	22	22.33	0.33	.8	.71	50	<5	45	<10	.22	3	13	89	748	0.075	2.00	.31	.16	305	4	.03	6	.23	790
101322	22.33	23	0.67	.2	.90	<5	<5	1014	<10	.18	2	9	37	425	0.042	2.15	.21	.43	820	1	.03	8	.14	172
101323	23	23.73	0.73	.1	.78	24	<5	1373	<10	.14	3	9	56	252	0.025	2.00	.18	.48	916	2	.03	7	.15	206
101324	23.73	24.23	0.5	.1	1.02	15	<5	344	<10	.15	18	10	47	234	0.023	2.46	.21	.56	876	5	.03	5	.15	164
101325	24.56	25.25	0.69	.1	.83	<5	<5	30	<10	.17	6	7	56	67	0.007	1.93	.22	.49	640	1	.03	6	.12	71
101326	25.25	25.75	0.5	.2	.85	11	<5	32	<10	.32	11	8	40	359	0.036	2.06	.20	.48	584	3	.03	6	.12	445
101327	25.75	26.15	0.4	.6	1.06	22	<5	37	<10	.15	6	10	64	373	0.037	2.49	.23	.59	886	7	.03	7	.11	168
101328	26.15	26.56	0.41	.7	1.12	29	<5	263	<10	.13	8	12	66	354	0.035	2.55	.25	.65	1027	14	.03	6	.15	255

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
101329	26.56	27.43	0.87	1.0	1.28	28	<5	30	<10	.10	1	22	67	344	0.034	3.33	.22	.64	1228	18	.02	6	.10	48
101330	Standard C			5.3	1.27	23	<5	92	<10	.74	2	11	39	13850	1.385	3.59	.14	.76	419	228	.08	28	.16	47
101331	27.43	28.13	0.7	21.0	.49	252	<5	333	<10	.11	13	14	71	2380	0.238	1.35	.22	.14	168	11	.02	5	.11	313
101332	28.13	28.53	0.4	2.6	.65	31	<5	55	<10	.61	3	9	65	2544	0.254	1.72	.23	.28	530	5	.03	6	.11	41
101333	28.53	28.95	0.42	1.6	.95	22	<5	84	<10	.34	2	13	61	914	0.091	2.23	.20	.52	1011	5	.03	7	.13	47
101334	28.95	29.55	0.6	26.5	.98	<5	<5	294	<10	.42	1	12	76	306	0.031	2.50	.23	.53	942	8	.03	6	.10	30
101335	29.55	30.25	0.7	.2	.83	17	<5	51	<10	.72	2	13	66	443	0.044	2.01	.21	.53	885	8	.03	6	.11	121
101336	30.25	31.08	0.83	.1	.80	13	<5	119	<10	.66	20	11	51	344	0.034	1.95	.21	.47	667	4	.03	7	.14	835
101337	31.08	31.41	0.33	5.9	.73	93	<5	33	13	.47	10	30	79	4986	0.499	2.51	.25	.26	310	90	.03	9	.12	178
101338	31.41	32	0.59	2.1	.73	34	<5	134	<10	.43	7	9	56	253	0.025	1.74	.21	.37	544	3	.03	7	.16	31
101339	32	33	1	.2	.97	18	<5	46	<10	.59	1	13	54	138	0.014	2.42	.16	.61	1059	3	.03	7	.14	27
101340	33	33.75	0.75	.2	.78	30	<5	34	<10	.82	<1	9	54	166	0.017	1.90	.17	.56	745	3	.04	8	.14	21
101341	33.75	34.3	0.55	.6	.81	9	<5	35	<10	.36	1	10	65	221	0.022	1.90	.22	.49	591	2	.03	5	.13	320
101342	34.3	34.78	0.48	2.6	.96	47	<5	418	<10	.10	26	29	91	535	0.053	2.51	.20	.44	683	19	.03	7	.09	5523
101343	34.78	35.34	0.56	.9	.54	63	<5	13	<10	.13	5	36	111	1247	0.125	2.67	.14	.35	1042	94	.03	7	.05	55
101344	35.34	35.77	0.43	1.3	1.29	<5	<5	101	<10	.15	3	23	81	3881	0.388	4.60	.16	.86	1957	77	.03	7	.02	163
101345	Standard B			.2	1.00	<5	<5	127	<10	.62	<1	10	46	35	0.004	1.89	.12	.56	369	1	.08	33	.16	17
101346	35.77	36.43	0.66	.6	.82	25	<5	63	<10	.17	1	11	102	1562	0.156	2.19	.17	.50	1092	11	.03	6	.08	158
101347	36.43	37	0.57	.4	.81	<5	<5	42	<10	.64	<1	7	65	188	0.019	1.79	.23	.61	806	9	.04	8	.15	19
101348	37	37.65	0.65	.2	.85	10	<5	37	<10	.29	1	8	64	235	0.024	2.05	.18	.56	1017	6	.03	6	.13	45
101349	37.65	38.05	0.4	.7	.73	<5	<5	226	<10	.64	69	14	54	319	0.032	1.78	.19	.48	771	5	.03	6	.15	426
101350	38.05	39	0.95	.2	.73	16	<5	920	<10	.65	<1	13	52	121	0.012	2.19	.22	.42	911	6	.03	6	.12	27
101351	39	39.62	0.62	.2	.73	24	<5	121	<10	.63	<1	8	68	232	0.023	1.60	.23	.49	668	4	.03	8	.16	32
101352	39.62	40.1	0.48	.1	.78	23	<5	48	<10	.42	2	7	64	102	0.010	1.79	.23	.56	710	3	.03	7	.14	22
101353	40.1	40.7	0.6	.2	.77	12	<5	135	<10	.79	<1	7	68	102	0.010	1.86	.16	.63	901	1	.04	9	.13	28
101354	40.7	41.58	0.88	.1	.72	31	<5	38	<10	.87	<1	7	55	90	0.009	1.68	.19	.64	712	1	.04	8	.13	16
101355	41.58	42	0.42	1.0	.85	32	<5	166	<10	.18	6	17	115	1791	0.179	2.65	.14	.48	1065	29	.03	5	.05	40
101356	42	42.67	0.67	.2	.91	<5	<5	230	<10	.80	<1	10	73	95	0.010	2.22	.18	.63	1053	7	.03	11	.12	23
101357	42.67	43.2	0.53	.2	.71	10	<5	159	<10	.42	<1	7	68	91	0.009	1.69	.19	.58	488	1	.04	8	.12	18
101358	43.2	44	0.8	.1	.67	7	<5	50	<10	.88	<1	6	60	84	0.008	1.64	.15	.60	533	1	.04	7	.10	16
101359	44	45	1	.2	.82	15	<5	86	<10	.70	<1	7	66	111	0.011	1.87	.17	.69	771	2	.04	8	.11	18

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
101360	Standard A			3.0	1.22	18	<5	101	<10	.81	1	9	41	7460	0.746	2.88	.14	.71	430	67	.08	29	.18	22
101361	45	45.72	0.72	.2	.76	19	<5	69	<10	.72	1	7	51	160	0.016	1.99	.15	.67	665	1	.03	9	.12	19
101362	45.72	46.72	1	.2	.74	19	<5	100	<10	.92	10	11	62	226	0.023	2.02	.15	.66	745	5	.04	10	.18	285
101363	46.72	47.3	0.58	.3	.66	<5	<5	49	<10	1.09	1	8	51	115	0.011	1.79	.13	.66	551	1	.04	11	.15	17
101364	47.3	47.85	0.55	.1	.79	13	<5	22	<10	.41	<1	8	53	131	0.013	1.84	.15	.69	383	1	.03	13	.14	17
101365	47.85	48.76	0.91	.2	.73	15	<5	87	<10	.99	2	9	49	247	0.025	2.08	.11	.78	597	1	.04	13	.18	18
101366	48.76	49.25	0.49	.1	.79	7	<5	46	<10	.75	<1	9	82	205	0.020	2.23	.17	.66	817	2	.03	12	.10	18
101367	49.25	50	0.75	.3	.92	20	<5	266	<10	1.16	1	11	71	410	0.041	2.35	.17	.84	1130	8	.03	13	.16	29
101368	50	50.7	0.7	.1	1.22	14	<5	217	<10	.65	3	13	57	349	0.035	2.76	.19	.94	1548	1	.03	15	.17	45
101369	50.7	51.81	1.11	.6	.76	28	<5	202	<10	.10	2	18	62	417	0.042	2.02	.17	.47	851	13	.03	5	.09	42
101370	51.81	52.31	0.5	.7	1.07	9	<5	519	<10	.33	2	10	69	230	0.023	2.62	.21	.64	1429	1	.03	8	.13	24
101371	52.31	52.85	0.54	.7	1.34	13	<5	502	<10	.15	3	14	53	822	0.082	3.37	.16	.81	1537	5	.03	9	.10	38
101372	52.85	53.6	0.75	.8	1.06	43	<5	549	<10	.18	9	10	64	868	0.087	2.43	.17	.64	1206	4	.03	7	.10	30
101373	53.6	54	0.4	2.9	1.29	49	<5	513	<10	.18	11	16	84	1824	0.182	3.20	.21	.77	1421	9	.03	11	.11	42
101374	54	54.86	0.86	.2	.72	10	<5	254	<10	1.69	2	7	64	234	0.023	1.84	.15	.65	757	1	.04	10	.15	25
101375	Standard B			.2	1.09	<5	<5	141	<10	.70	<1	11	52	30	0.003	1.96	.11	.59	379	1	.08	35	.15	15
101376	54.86	55.66	0.8	.3	.98	17	<5	322	<10	.84	3	23	65	235	0.024	2.84	.16	.75	1059	13	.03	12	.13	45
101377	55.66	56.26	0.6	.2	.74	13	<5	202	<10	1.21	4	8	91	162	0.016	2.01	.16	.77	641	1	.05	11	.16	14
101378	56.26	56.76	0.5	.2	.79	<5	<5	518	<10	.96	6	10	73	153	0.015	2.32	.12	.84	740	1	.04	13	.17	16
101379	56.76	57.26	0.5	.4	.80	<5	<5	152	<10	.28	3	11	98	285	0.028	2.36	.16	.64	851	2	.04	13	.17	32
101380	57.26	57.91	0.65	.4	.84	8	<5	93	<10	.14	2	9	82	283	0.028	2.25	.17	.50	941	1	.03	11	.13	23
101381	57.91	58.51	0.6	.8	.45	22	<5	426	<10	.12	5	7	112	821	0.082	1.45	.17	.16	1401	7	.03	9	.11	20
101382	59	60	1	.7	.32	30	<5	457	<10	.17	3	3	82	424	0.042	.58	.21	.07	286	3	.03	6	.12	20
101383	60	60.6	0.6	.7	.24	18	<5	63	<10	.17	2	1	68	224	0.022	.88	.23	.04	198	2	.03	6	.14	14
101384	60.6	61.63	1.03	.8	.33	40	<5	119	<10	.16	3	5	75	377	0.038	.74	.21	.06	559	1	.03	6	.14	37
101385	61.63	62.25	0.62	.7	.48	17	<5	1885	<10	2.04	8	6	84	304	0.030	1.44	.26	.13	774	3	.03	9	.14	38
101386	62.25	63.15	0.9	1.6	.50	31	<5	624	<10	2.57	3	6	64	346	0.035	1.16	.21	.16	890	1	.03	6	.13	39
101387	63.15	64.01	0.86	1.4	.53	35	<5	733	<10	3.45	3	5	74	309	0.031	1.21	.23	.16	1102	2	.03	7	.17	47
101388	64.01	64.8	0.79	.4	.54	30	<5	214	<10	1.51	2	6	65	199	0.020	1.40	.22	.17	831	1	.03	7	.14	26
101389	64.8	65.34	0.54	.2	.37	6	<5	327	<10	3.95	3	4	84	154	0.015	.98	.18	.12	1347	1	.03	5	.09	17
101390	Standard B			.1	1.13	<5	<5	142	<10	.74	<1	11	52	29	0.003	2.01	.12	.61	387	1	.08	34	.15	20

10-LCD-19																								
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
286952	24.23	24.56	0.33	.1	1.64	<5	<5	105	<10	.14	9	20	77	75	0.007	4.30	.28	.74	1216	2	.03	8	.17	61
286953	58.51	59	0.49	.9	.40	36	<5	519	<10	.17	3	6	98	505	0.050	1.00	.23	.11	660	1	.03	8	.12	16
101391	65.34	66	0.66	<0.2	0.37	10		82	<5	0.99	2	3	154	90	0.009	0.95	0.26	0.09	480	<1	<0.01	6	240	9
101392	66	66.6	0.6	<0.2	0.26	10		128	<5	1.86	4	2	152	142	0.014	0.68	0.21	0.06	885	<1	<0.01	5	160	9
101393	66.6	67.2	0.6	2.4	0.72	90		1208	<5	1.08	19	7	136	1262	0.126	1.62	0.36	0.21	485	<1	0.01	10	400	81
101394	67.2	68	0.8	2.0	0.75	65		440	5	1.48	13	10	138	1264	0.126	2.01	0.33	0.25	715	3	0.01	12	380	48
101395	68	68.6	0.6	0.8	0.60	50		50	10	0.45	4	8	128	732	0.073	3.24	0.36	0.19	455	<1	0.01	10	430	18
101396	68.6	69.1	0.5	4.0	0.62	50		720	5	0.94	7	6	156	1714	0.171	1.68	0.32	0.26	540	1	0.01	10	380	18
101397	69.1	69.6	0.5	0.8	0.70	25		354	5	0.57	2	9	150	906	0.091	1.94	0.31	0.26	890	1	0.01	9	320	15
101398	69.6	70.01	0.41	1.8	1.00	40		204	10	0.31	4	11	138	1672	0.167	2.67	0.33	0.41	740	5	0.01	12	350	42
101399	70.01	70.6	0.59	1.6	1.03	25		120	10	0.49	2	12	130	1690	0.169	2.10	0.43	0.50	640	8	0.01	13	460	24
101400	70.6	71.3	0.7	3.0	0.94	20		210	5	1.38	2	10	120	1464	0.146	2.11	0.40	0.42	790	8	0.01	12	460	27
101401	71.3	72.4	1.1	2.8	1.05	20		216	10	0.99	2	11	114	970	0.097	2.17	0.44	0.50	750	6	0.01	12	470	15
101403	72.4	73	0.6	2.8	0.74	35		790	<5	0.98	4	8	140	2360	0.236	1.59	0.39	0.26	795	4	0.01	11	430	51
101404	73	73.6	0.6	0.6	1.08	30		358	10	0.82	3	11	120	816	0.082	2.68	0.41	0.46	1005	1	0.01	13	490	48
286551	Standard A			2.4	1.36	10		66	<5	0.77	<1	12	42	7276	0.728	3.21	0.14	0.73	420	68	0.12	29	540	15
101406	73.6	74.2	0.6	0.8	1.04	20		98	5	0.14	<1	12	106	1220	0.122	3.02	0.35	0.31	845	2	0.02	13	490	24
101407	74.2	75	0.8	0.6	1.02	20		216	10	0.15	<1	11	118	1298	0.130	3.09	0.34	0.28	1445	1	0.02	11	430	21
101408	75	75.6	0.6	<0.2	0.92	15		432	15	0.56	<1	10	128	768	0.077	4.09	0.33	0.27	875	4	0.02	11	380	27
101409	75.6	76.2	0.6	0.6	1.02	10		70	10	0.68	1	12	124	1742	0.174	2.90	0.33	0.31	490	5	0.02	11	410	30
101410	76.2	76.6	0.4	<0.2	0.85	10		408	10	1.54	<1	9	120	968	0.097	2.17	0.32	0.40	890	3	0.02	12	430	18
101411	76.6	77	0.4	<0.2	0.78	<5		522	5	1.88	<1	7	122	890	0.089	2.25	0.31	0.28	970	2	0.02	9	380	15
101412	77	77.5	0.5	4.2	0.78	60		100	5	0.92	3	17	154	6206	0.621	3.14	0.33	0.28	625	4	0.01	10	330	84
101413	77.5	78	0.5	1.8	0.71	25		46	5	2.22	5	6	136	746	0.075	1.90	0.36	0.34	1475	2	0.01	7	360	21
101414	78	78.5	0.5	1.0	1.04	10		58	5	0.97	2	11	124	514	0.051	2.44	0.37	0.58	930	4	0.01	11	400	12
101415	78.5	78.95	0.45	<0.2	1.13	<5		42	10	0.94	<1	10	114	808	0.081	2.59	0.42	0.68	1040	5	0.01	11	470	12
101416	78.95	79.55	0.6	<0.2	1.58	5		20	15	0.37	<1	13	140	542	0.054	3.90	0.45	0.84	1385	12	0.02	14	520	9
101417	79.55	80.3	0.75	<0.2	1.46	<5		96	15	0.74	<1	15	124	388	0.039	3.68	0.37	0.87	1410	5	0.02	15	450	9
101418	80.3	81.1	0.8	<0.2	1.25	<5		314	10	0.43	<1	17	166	378	0.038	3.49	0.34	0.71	1200	5	0.02	15	440	9
286954	81.1	81.5	0.4	<0.2	1.11	<5		232	10	0.94	<1	14	132	256	0.026	3.13	0.36	0.75	1150	4	0.02	16	490	15
101419	81.5	82	0.5	0.2	1.25	<5		264	15	0.45	<1	21	136	274	0.027	3.66	0.38	0.87	1225	12	0.02	19	490	12

10-LCD-19																								
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
286552	Standard C			3.8	1.33	20		72	<5	0.73	2	14	42	>10000	1.32	3.78	0.15	0.73	405	195	0.11	29	560	42
101421	82	82.55	0.55	<0.2	1.07	<5		116	15	0.84	<1	14	138	336	0.034	3.48	0.38	0.76	1285	8	0.02	15	440	9
101422	82.55	83.3	0.75	<0.2	0.92	<5		162	10	0.47	<1	15	148	396	0.040	3.35	0.36	0.67	1185	9	0.02	14	420	15
101423	83.3	83.7	0.4	<0.2	0.98	<5		200	10	0.54	<1	13	128	374	0.037	3.37	0.37	0.70	1255	13	0.02	14	490	18
101424	83.7	85.34	1.64	<0.2	0.63	<5		540	15	0.78	<1	15	126	318	0.032	4.04	0.38	0.70	1420	4	0.02	14	480	15
101425	85.34	86	0.66	<0.2	0.52	<5		210	10	0.75	<1	11	122	372	0.037	2.91	0.39	0.53	995	3	0.02	11	460	12
101426	86	86.6	0.6	<0.2	0.47	<5		400	10	0.86	<1	13	156	314	0.031	3.26	0.32	0.71	1225	3	0.02	13	500	12
101427	86.6	87.3	0.7	<0.2	0.63	<5		248	10	1.24	<1	11	146	286	0.029	3.11	0.31	0.67	1200	3	0.02	13	490	9
101428	87.3	88	0.7	<0.2	0.67	<5		498	10	0.91	<1	11	174	474	0.047	3.02	0.34	0.61	1105	3	0.02	13	460	9
101429	88	89	1	<0.2	0.48	10		440	10	0.93	<1	12	162	252	0.025	3.17	0.34	0.70	1125	4	0.02	13	490	18
101430	89	89.8	0.8	<0.2	0.45	<5		64	10	0.90	<1	12	182	360	0.036	3.19	0.35	0.61	1070	4	0.02	13	470	12
101431	89.8	90.5	0.7	<0.2	0.49	<5		506	15	0.94	<1	15	170	460	0.046	4.06	0.34	0.62	1230	4	0.02	13	480	6
101432	90.5	91	0.5	0.2	0.57	5		330	15	1.57	<1	25	68	1236	0.124	5.16	0.37	1.03	1580	3	0.03	18	750	9
101433	91	91.55	0.55	<0.2	0.61	10		822	15	2.78	<1	20	52	968	0.097	4.12	0.31	1.03	1455	3	0.03	16	690	12
101434	91.55	92	0.45	<0.2	0.44	<5		1386	15	3.84	<1	13	132	300	0.030	3.12	0.30	0.54	1420	<1	0.02	11	490	6
286553	Standard B			<0.2	1.12	<5		116	10	0.70	<1	12	50	22	0.002	2.11	0.10	0.53	375	3	0.10	33	520	9
101436	92	92.7	0.7	<0.2	0.43	10		1502	10	4.21	<1	9	124	838	0.084	2.29	0.29	1.02	1515	3	0.03	9	430	15
101437	92.7	93.25	0.55	<0.2	0.41	15		80	10	2.59	<1	25	190	4758	0.476	4.15	0.29	0.61	1220	4	0.02	16	440	9
101438	93.25	93.6	0.35	<0.2	0.41	10		824	10	5.05	<1	15	100	660	0.066	2.63	0.28	1.27	1515	4	0.05	11	430	12
101439	93.6	94.1	0.5	<0.2	0.50	<5		620	10	3.23	<1	16	74	400	0.040	3.45	0.33	1.41	1635	1	0.03	18	710	6
101440	94.1	94.49	0.39	<0.2	0.49	<5		112	15	2.58	<1	17	110	176	0.018	3.76	0.37	1.29	1515	1	0.04	21	720	6
101441	94.49	95	0.51	<0.2	0.47	<5		768	15	4.05	<1	20	104	270	0.027	4.18	0.36	1.31	1790	2	0.08	24	720	9
101442	95	95.7	0.7	<0.2	0.49	<5		42	15	3.03	<1	28	136	566	0.057	4.67	0.36	1.04	1565	4	0.24	18	630	9
101443	95.7	96.3	0.6	<0.2	0.47	<5		168	15	1.60	<1	29	176	3674	0.367	4.78	0.29	0.91	1245	3	0.04	15	470	6
101444	96.3	96.75	0.45	<0.2	0.46	<5		354	15	2.00	<1	16	166	580	0.058	3.34	0.37	0.74	1155	2	0.02	15	660	6
101445	96.75	97.54	0.79	<0.2	0.59	<5		110	10	2.93	<1	15	120	376	0.038	3.07	0.33	1.35	1350	2	0.07	15	740	6
101446	97.54	98	0.46	<0.2	0.59	<5		48	10	2.54	<1	15	120	262	0.026	2.92	0.32	1.13	1200	1	0.04	15	800	3
101447	98	99	1	<0.2	0.53	<5		320	10	3.06	<1	18	118	1024	0.102	3.60	0.32	1.31	1545	2	0.03	16	630	6
101448	99	100	1	<0.2	0.47	<5		20	10	2.28	<1	13	168	398	0.040	2.70	0.36	0.62	1010	2	0.02	13	510	3
101449	100	100.5	0.5	<0.2	0.56	<5		62	10	2.50	<1	19	128	396	0.040	3.61	0.35	1.18	1445	5	0.12	15	670	6
286554	Standard A			2.2	1.41	10		70	5	0.77	<1	11	42	7266	0.727	3.24	0.14	0.70	410	56	0.10	28	560	15

10-LCD-19																								
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
101451	100.5	100.9	0.4	<0.2	0.43	<5		30	10	3.47	<1	13	162	1018	0.102	2.89	0.35	0.61	1205	2	0.02	12	470	3
101452	100.9	101.3	0.4	<0.2	0.53	<5		30	15	1.21	<1	20	156	674	0.067	3.95	0.41	0.67	1075	3	0.02	14	560	3
101453	101.3	101.75	0.45	<0.2	0.45	<5		20	10	2.36	<1	17	168	874	0.087	3.41	0.34	0.73	1095	4	0.02	13	440	6
101454	101.75	102.5	0.75	<0.2	0.52	<5		22	15	1.24	<1	25	172	1392	0.139	4.09	0.34	0.75	1095	18	0.02	13	460	6
101455	102.5	103	0.5	<0.2	0.52	<5		840	5	1.95	<1	13	166	2116	0.212	2.69	0.33	0.70	895	6	0.09	13	480	3
101456	103	103.75	0.75	<0.2	0.59	<5		160	10	2.50	<1	14	136	570	0.057	2.71	0.32	1.04	1045	3	0.03	14	500	3
101457	103.75	104.45	0.7	<0.2	0.71	<5		52	10	1.85	<1	15	140	910	0.091	3.02	0.25	0.59	965	2	0.04	14	510	6
101458	104.45	104.95	0.5	<0.2	0.96	<5		88	15	0.84	<1	25	184	1418	0.142	4.17	0.26	0.81	1060	67	0.02	14	380	42
101459	104.95	105.3	0.35	<0.2	0.95	<5		44	10	1.04	<1	21	164	1600	0.160	4.30	0.37	0.92	1175	5	0.09	14	500	12
101460	105.3	106.85	1.55	<0.2	0.82	<5		792	10	1.26	<1	17	172	2104	0.210	3.55	0.30	0.84	1130	3	0.02	13	450	6
101461	106.85	107.4	0.55	0.6	0.86	5		84	10	0.75	<1	20	154	1240	0.124	3.47	0.34	0.68	1055	26	0.02	12	420	30
101462	107.4	108	0.6	<0.2	0.74	<5		98	5	1.14	<1	14	130	366	0.037	2.36	0.32	0.73	870	1	0.03	12	440	6
101463	108	109	1	0.6	0.60	<5		46	<5	0.74	<1	6	166	>10000	2.11	3.42	0.34	0.39	655	2	0.02	6	390	<3
101464	109	109.4	0.4	<0.2	0.85	<5		122	<5	1.36	<1	11	174	>10000	1.18	3.31	0.32	0.58	1010	1	0.02	10	470	3
286555	Standard B			<0.2	1.09	<5		106	10	0.65	<1	12	54	24	0.002	2.08	0.11	0.53	385	3	0.10	32	520	6
101466	109.4	109.73	0.33	<0.2	1.04	<5		304	10	1.39	<1	16	134	1798	0.180	3.22	0.37	0.84	1075	3	0.02	13	520	6
101467	109.73	110.3	0.57	<0.2	1.22	<5		126	10	1.60	<1	18	130	1862	0.186	3.39	0.34	0.87	1195	7	0.03	16	620	6
101468	110.3	110.7	0.4	0.6	1.32	25		30	15	1.46	<1	20	168	774	0.077	3.38	0.34	0.98	1050	86	0.03	17	490	42
101469	110.7	111.35	0.65	<0.2	1.05	<5		26	10	1.14	<1	20	176	484	0.048	3.96	0.40	0.79	905	13	0.02	16	510	6
101470	111.35	112.6	1.25	<0.2	1.69	<5		22	15	2.11	<1	23	186	292	0.029	4.85	0.34	1.15	1235	2	0.06	20	780	9
101471	112.6	113.17	0.57	<0.2	1.32	<5		20	15	1.34	<1	17	136	270	0.027	3.49	0.30	0.85	910	<1	0.04	12	570	6
101472	113.17	114	0.83	<0.2	0.82	<5		28	10	3.39	<1	12	108	52	0.005	2.83	0.38	0.65	1215	1	0.02	13	780	6
101473	114	115.82	1.82	<0.2	0.74	<5		16	5	4.38	<1	9	76	24	0.002	1.82	0.25	0.66	1400	<1	0.05	17	940	3
101474	115.82	117.12	1.3	<0.2	0.79	<5		20	10	3.75	<1	7	82	16	0.002	1.88	0.21	0.79	1305	<1	0.05	14	750	6
101475	117.12	118.87	1.75	<0.2	0.54	<5		18	<5	4.29	<1	6	70	22	0.002	1.03	0.26	0.70	1295	<1	0.05	12	830	3
101476	118.87	119.37	0.5	<0.2	0.66	5		50	10	3.62	<1	13	80	382	0.038	3.09	0.27	1.05	1590	2	0.04	15	930	15
101477	119.37	121.92	2.55	<0.2	0.57	<5		44	10	3.74	<1	8	126	6	0.001	1.91	0.37	0.49	1370	3	0.02	7	700	3
101478	121.92	123.42	1.5	<0.2	0.44	<5		108	5	4.03	<1	7	104	38	0.004	1.55	0.31	0.60	1465	<1	0.02	8	470	3
101479	123.42	124.97	1.55	<0.2	0.61	10		48	10	3.39	<1	13	80	418	0.042	3.21	0.36	0.60	1340	3	0.03	13	930	18
286556	Standard B			<0.2	1.07	<5		104	10	0.63	<1	12	54	22	0.002	2.04	0.11	0.52	380	3	0.10	32	510	6
101481	124.97	126.4	1.43	<0.2	0.88	<5		24	5	3.40	<1	11	122	<2	Tr	2.07	0.30	0.43	1085	2	0.03	9	460	6

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
101482	126.4	127.6	1.2	<0.2	1.00	<5		14	10	3.97	<1	10	96	<2	Tr	2.44	0.36	0.66	1370	<1	0.02	8	690	6
101483	127.6	128.8	1.2	<0.2	1.20	<5		14	10	4.17	<1	12	90	<2	Tr	2.55	0.32	0.63	1375	<1	0.03	9	680	6
101484	128.8	130.5	1.7	<0.2	1.06	<5		16	10	3.74	<1	13	132	2	0.000	2.58	0.32	0.68	1415	1	0.02	10	690	6
101485	130.5	131.6	1.1	<0.2	0.90	<5		14	10	3.78	<1	11	124	2	0.000	2.37	0.32	0.57	1440	<1	0.02	9	780	6
101486	131.6	133	1.4	<0.2	1.25	<5		22	10	3.85	<1	15	108	4	0.000	2.91	0.33	0.73	1475	1	0.02	11	730	6
101487	133	134.5	1.5	<0.2	1.34	<5		12	10	3.40	<1	19	130	4	0.000	3.12	0.29	0.85	1360	<1	0.02	15	750	6
101488	134.5	136	1.5	<0.2	0.97	<5		12	15	3.80	<1	14	114	4	0.000	3.09	0.35	0.62	1445	1	0.02	11	680	6
101489	136	137.65	1.65	<0.2	0.52	<5		16	10	4.17	<1	8	114	2	0.000	2.30	0.40	0.52	1600	<1	0.02	8	600	3
101490	137.65	138.6	0.95	<0.2	0.71	<5		24	10	3.86	<1	10	102	4	0.000	2.35	0.35	0.73	1465	2	0.03	14	650	6
101491	138.6	140.21	1.61	<0.2	0.95	<5		20	10	3.01	<1	9	118	46	0.005	1.86	0.21	0.93	1105	51	0.06	15	750	6
101492	140.21	141.5	1.29	<0.2	1.09	<5		12	10	2.64	<1	10	80	184	0.018	1.93	0.11	1.24	1045	62	0.06	20	720	3
101493	141.5	143.75	2.25	<0.2	1.10	<5		26	10	2.07	<1	10	118	190	0.019	2.01	0.15	1.08	770	9	0.07	17	650	6
101494	143.75	144.25	0.5	<0.2	0.87	<5		26	5	1.12	<1	10	116	290	0.029	1.71	0.14	0.96	495	11	0.08	14	650	6
286557	Standard C			3.8	1.33	20		78	10	0.75	2	13	46	>10000	1.30	3.68	0.14	0.70	405	188	0.11	26	550	39
101496	144.25	146.7	2.45	<0.2	0.84	<5		20	5	1.47	<1	9	142	220	0.022	1.75	0.13	0.75	545	2	0.08	13	530	6
101497	146.7	148	1.3	<0.2	0.68	<5		26	5	1.47	<1	8	150	118	0.012	1.88	0.15	0.51	375	2	0.08	11	540	6
101498	148	149.35	1.35	<0.2	0.75	<5		24	10	1.17	<1	9	140	162	0.016	1.83	0.16	0.61	365	1	0.07	11	510	6
101499	149.35	152	2.65	<0.2	0.70	<5		24	10	1.33	<1	8	146	186	0.019	1.71	0.17	0.54	410	3	0.07	11	510	6
101500	152	153	1	<0.2	0.69	<5		36	<5	1.20	<1	8	146	84	0.008	1.99	0.18	0.47	320	1	0.07	10	500	6
286955	153	156	3	<0.2	0.69	<5		28	<5	1.37	<1	8	152	74	0.007	1.57	0.16	0.45	395	2	0.08	10	500	6
286956	156	157.5	1.5	<0.2	0.62	<5		32	<5	2.70	<1	7	140	114	0.011	1.58	0.17	0.42	775	1	0.07	9	490	3
286957	157.5	158.5	1	<0.2	0.81	<5		26	10	1.74	<1	9	150	136	0.014	2.02	0.18	0.59	580	1	0.06	11	500	6
286958	158.5	160	1.5	<0.2	0.79	<5		38	5	1.29	<1	9	154	178	0.018	2.12	0.20	0.58	460	1	0.06	11	510	6
286959	160	161.57	1.57	<0.2	0.95	<5		28	5	1.59	<1	10	146	372	0.037	2.09	0.20	0.74	470	6	0.07	13	590	6
286960	161.57	163	1.43	<0.2	0.93	<5		28	10	1.55	<1	10	144	366	0.037	2.03	0.20	0.72	460	6	0.07	13	570	6
286961	163	164.59	1.59	<0.2	1.16	<5		154	10	1.67	<1	11	136	258	0.026	2.08	0.14	0.80	460	5	0.07	16	630	9
286962	164.59	165.8	1.21	<0.2	1.23	<5		76	10	1.92	<1	12	138	108	0.011	2.37	0.17	0.81	540	4	0.07	18	640	9
286963	165.8	166.7	0.9	<0.2	1.08	<5		44	10	1.91	<1	12	128	230	0.023	2.29	0.17	0.83	595	4	0.07	17	680	9
286558	Standard A			2.2	1.44	10		78	<5	0.75	<1	11	48	7208	0.721	3.22	0.15	0.73	440	53	0.11	28	580	18
286965	166.7	167.64	0.94	<0.2	1.51	<5		20	10	3.40	<1	11	120	170	0.017	2.08	0.26	1.09	1055	3	0.04	16	700	6
286966	167.64	169	1.36	<0.2	1.05	<5		28	10	2.76	<1	12	120	114	0.011	2.64	0.19	0.78	715	3	0.06	21	750	6

10-LCD-19																								
Sample No.	From (m)	To (m)	Length (m)	Ag	Al (%)	As	B	Ba	Bi	Ca (%)	Cd	Co	Cr	Cu	Cu (%)	Fe (%)	K (%)	Mg (%)	Mn	Mo	Na (%)	Ni	P (%)	Pb
286967	169	170.69	1.69	<0.2	1.15	<5		26	10	2.06	<1	11	116	104	0.010	2.57	0.16	0.82	550	5	0.05	19	730	9
286968	171.8	173	1.2	<0.2	1.18	<5		48	5	1.38	<1	10	120	200	0.020	2.47	0.14	0.66	285	10	0.09	13	730	6
286969	173	174.5	1.5	<0.2	1.14	<5		56	<5	1.39	<1	11	130	118	0.012	2.41	0.16	0.67	270	24	0.07	14	680	6
286970	174.5	176.17	1.67	<0.2	1.02	<5		110	10	1.32	<1	10	134	158	0.016	2.28	0.16	0.69	380	5	0.08	14	660	6
286972	170.69	171.8	1.11	<0.2	1.61	<5		16	10	1.82	<1	12	82	188	0.019	2.13	0.11	1.34	580	3	0.05	18	690	9
286559	Standard A			2.4	1.37	10		72	<5	0.79	<1	11	44	7216	0.722	3.32	0.14	0.69	415	53	0.11	29	540	15

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
101301	9.14	10.04	0.9	.04	9	<2	6	<10	.03	<5	17	326	24	0.024									
101302	10.04	10.88	0.84	.04	9	<2	6	<10	.02	<5	17	996	1	0.001									
101303	10.88	11.69	0.81	.06	13	<2	7	<10	.02	<5	16	3956	1	0.001									
101304	11.69	12.19	0.5	.06	10	<2	5	<10	.03	<5	15	849	9	0.009									
101305	12.19	12.79	0.6	.24	35	<2	4	<10	.03	<5	14	534	2	0.002									
101306	12.79	13.4	0.61	.01	7	<2	6	<10	.03	<5	12	917	1	0.001									
101307	13.4	14	0.6	.04	26	<2	7	<10	.04	<5	16	726	2	0.002									
101308	14	15	1	.03	15	<2	5	<10	.03	<5	22	1156	1	0.001									
101309	15	16.2	1.2	.03	22	<2	2	<10	.03	<5	21	549	1	0.001									
101310	16.2	16.65	0.45	.04	16	<2	4	<10	.03	<5	22	657	1	0.001									
101311	16.65	17.25	0.6	.03	5	<2	1	<10	.04	<5	25	553	10	0.01									
101312	17.25	18.15	0.9	.02	10	<2	4	<10	.03	<5	27	1061	2	0.002									
101313	18.15	18.55	0.4	.04	18	<2	3	<10	.02	<5	25	511	1	0.001									
101314	18.55	19.15	0.6	.01	61	<2	1	<10	.04	<5	15	491	1	0.001									
101315	Standard A			.96	11	<2	34	<10	.15	<5	57	76	655	0.655									
101316	19.15	19.75	0.6	.02	48	<2	2	<10	.04	<5	16	541	1	0.001									
101317	19.75	20.45	0.7	.03	13	<2	5	<10	.03	<5	17	445	1	0.001									
101318	20.45	21	0.55	.02	21	<2	2	<10	.04	<5	9	371	1	0.001									
101319	21	21.55	0.55	.18	10	<2	5	<10	.04	<5	11	322	1	0.001									
101320	21.55	22	0.45	.02	25	<2	2	<10	.05	<5	10	344	4	0.004									
101321	22	22.33	0.33	.02	36	<2	5	<10	.03	<5	150	1237	2	0.002									
101322	22.33	23	0.67	.03	10	<2	7	<10	.03	<5	26	3084	4	0.004									
101323	23	23.73	0.73	.02	11	<2	9	<10	.04	<5	32	1644	1	0.001									
101324	23.73	24.23	0.5	.26	12	<2	5	<10	.04	<5	27	1535	13	0.013									
101325	24.56	25.25	0.69	.07	5	<2	4	<10	.03	<5	26	1835	8	0.008									
101326	25.25	25.75	0.5	.10	34	<2	5	<10	.04	<5	29	957	4	0.004									
101327	25.75	26.15	0.4	.21	17	<2	4	<10	.04	<5	27	675	5	0.005									
101328	26.15	26.56	0.41	.25	25	<2	1	<10	.03	<5	29	1468	7	0.007									
101329	26.56	27.43	0.87	.51	19	<2	3	<10	.04	<5	23	310	2	0.002									

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
101330	Standard C			1.94	21	<2	34	<10	.22	<5	54	143	1010	1.01									
101331	27.43	28.13	0.7	.37	593	<2	5	<10	.04	<5	11	771	18	0.018									
101332	28.13	28.53	0.4	.53	73	<2	6	<10	.04	<5	17	510	3	0.003									
101333	28.53	28.95	0.42	.32	78	<2	5	<10	.03	<5	21	507	10	0.01									
101334	28.95	29.55	0.6	.35	21	<2	8	<10	.04	<5	28	340	2	0.002									
101335	29.55	30.25	0.7	.26	28	<2	9	<10	.04	<5	25	400	1	0.001									
101336	30.25	31.08	0.83	.34	24	<2	9	<10	.04	<5	25	2646	1	0.001									
101337	31.08	31.41	0.33	1.50	310	<2	5	<10	.04	<5	16	1081	14	0.014									
101338	31.41	32	0.59	.19	94	<2	8	<10	.04	<5	22	764	1	0.001									
101339	32	33	1	.13	13	<2	9	<10	.04	<5	31	173	1	0.001									
101340	33	33.75	0.75	.08	10	<2	11	<10	.03	<5	34	133	12	0.012									
101341	33.75	34.3	0.55	.08	10	<2	7	<10	.04	<5	23	177	1	0.001									
101342	34.3	34.78	0.48	.48	33	<2	3	<10	.03	<5	20	1042	1	0.001									
101343	34.78	35.34	0.56	1.03	37	<2	3	<10	.02	<5	11	657	19	0.019									
101344	35.34	35.77	0.43	1.53	10	<2	5	<10	.03	<5	21	446	5	0.005									
101345	Standard B			.05	<2	<2	30	<10	.17	<5	46	43	4	0.004									
101346	35.77	36.43	0.66	.55	11	<2	1	<10	.03	<5	15	178	2	0.002									
101347	36.43	37	0.57	.12	7	<2	10	<10	.04	<5	28	113	1	0.001									
101348	37	37.65	0.65	.22	5	<2	5	<10	.04	<5	21	270	1	0.001									
101349	37.65	38.05	0.4	.70	8	<2	11	<10	.03	<5	20	8376	7	0.007									
101350	38.05	39	0.95	.23	7	<2	23	<10	.04	<5	23	159	1	0.001									
101351	39	39.62	0.62	.15	5	<2	11	<10	.03	<5	23	135	1	0.001									
101352	39.62	40.1	0.48	.05	6	<2	9	<10	.04	<5	28	320	1	0.001									
101353	40.1	40.7	0.6	.05	3	<2	14	<10	.03	<5	30	119	1	0.001									
101354	40.7	41.58	0.88	.04	9	<2	13	<10	.04	<5	30	126	1	0.001									
101355	41.58	42	0.42	1.00	18	<2	3	<10	.03	<5	14	926	3	0.003									
101356	42	42.67	0.67	.21	3	<2	12	<10	.02	<5	29	139	2	0.002									
101357	42.67	43.2	0.53	.02	5	<2	9	<10	.04	<5	31	120	3	0.003									
101358	43.2	44	0.8	.01	2	<2	13	<10	.03	<5	34	129	1	0.001									
101359	44	45	1	.01	7	<2	14	<10	.04	<5	36	160	1	0.001									
101360	Standard A			.97	9	<2	32	<10	.14	<5	51	75	620	0.62									

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Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
101361	45	45.72	0.72	.03	6	<2	11	<10	.04	<5	41	248	1	0.001									
101362	45.72	46.72	1	.19	12	<2	13	<10	.04	<5	42	1542	1	0.001									
101363	46.72	47.3	0.58	.04	5	<2	14	<10	.04	<5	51	85	2	0.002									
101364	47.3	47.85	0.55	.02	11	<2	13	<10	.02	<5	53	185	1	0.001									
101365	47.85	48.76	0.91	.06	14	<2	18	<10	.07	<5	65	405	1	0.001									
101366	48.76	49.25	0.49	.07	8	<2	11	<10	.04	<5	55	152	2	0.002									
101367	49.25	50	0.75	.11	22	<2	16	<10	.03	<5	59	241	1	0.001									
101368	50	50.7	0.7	.18	8	<2	11	<10	.03	<5	44	472	1	0.001									
101369	50.7	51.81	1.11	.32	27	<2	5	<10	.02	<5	17	314	5	0.005									
101370	51.81	52.31	0.5	.04	23	<2	8	<10	.04	<5	26	334	2	0.002									
101371	52.31	52.85	0.54	.33	16	<2	9	<10	.07	<5	27	440	4	0.004									
101372	52.85	53.6	0.75	.35	22	<2	12	<10	.04	<5	17	356	2	0.002									
101373	53.6	54	0.4	.38	51	<2	10	<10	.05	<5	26	560	1	0.001									
101374	54	54.86	0.86	.04	5	<2	21	<10	.04	<5	42	138	5	0.005									
101375	Standard B			.05	<2	<2	33	<10	.17	<5	45	48	1	0.001									
101376	54.86	55.66	0.8	.42	9	<2	13	<10	.04	<5	53	289	1	0.001									
101377	55.66	56.26	0.6	.04	5	<2	21	<10	.04	<5	57	152	1	0.001									
101378	56.26	56.76	0.5	.02	4	<2	20	<10	.10	<5	67	247	1	0.001									
101379	56.76	57.26	0.5	.02	11	<2	9	<10	.04	<5	58	582	2	0.002									
101380	57.26	57.91	0.65	.03	10	<2	5	<10	.05	<5	34	362	1	0.001									
101381	57.91	58.51	0.6	.04	57	<2	8	<10	.05	<5	13	786	1	0.001									
101382	59	60	1	.02	52	<2	8	<10	.06	<5	11	1227	2	0.002									
101383	60	60.6	0.6	.02	39	<2	5	<10	.04	<5	14	448	3	0.003									
101384	60.6	61.63	1.03	.02	74	<2	6	<10	.04	<5	12	710	1	0.001									
101385	61.63	62.25	0.62	.04	68	<2	13	<10	.05	<5	16	531	1	0.001									
101386	62.25	63.15	0.9	.02	67	<2	23	<10	.05	<5	18	427	1	0.001									
101387	63.15	64.01	0.86	.05	75	<2	33	<10	.04	<5	20	518	1	0.001									
101388	64.01	64.8	0.79	.01	44	<2	11	<10	.06	<5	17	436	1	0.001									
101389	64.8	65.34	0.54	.03	29	<2	14	<10	.04	<5	14	276	9	0.009									
101390	Standard B			.05	<2	<2	35	<10	.12	<5	47	51	1	0.001									
286952	24.23	24.56	0.33	.34	9	<2	2	<10	.06	<5	36	1602	3	0.003									

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Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
286953	58.51	59	0.49	.01	63	<2	6	<10	.05	<5	13	1236	1	0.001									
101391	65.34	66	0.66	<0.01	35	<5	8		<0.01		24	172	<5	Tr	<1	<5	10	<2	<1	<10	<5	<5	6
101392	66	66.6	0.6	<0.01	45	<5	8		<0.01		16	162	5	0.005	<1	<5	6	<2	<1	<10	<5	<5	7
101393	66.6	67.2	0.6	0.04	335	<5	20		<0.01		26	466	10	0.01	<1	<5	12	6	1	<10	<5	<5	7
101394	67.2	68	0.8	0.22	175	<5	16		<0.01		28	490	5	0.005	<1	<5	12	8	1	<10	<5	<5	8
101395	68	68.6	0.6	<0.01	260	<5	6		<0.01		36	442	5	0.005	<1	<5	14	4	1	<10	<5	<5	7
101396	68.6	69.1	0.5	0.03	160	<5	20		<0.01		32	332	5	0.005	<1	<5	14	4	1	<10	<5	<5	7
101397	69.1	69.6	0.5	0.01	80	<5	12		<0.01		24	300	5	0.005	<1	<5	12	6	<1	<10	<5	<5	6
101398	69.6	70.01	0.41	0.14	125	<5	6		<0.01		22	420	<5	Tr	<1	<5	16	12	<1	<10	<5	<5	5
101399	70.01	70.6	0.59	0.24	90	<5	10		<0.01		22	398	<5	Tr	<1	<5	14	12	1	<10	<5	<5	5
101400	70.6	71.3	0.7	0.23	60	<5	16		<0.01		24	282	<5	Tr	<1	<5	10	12	1	<10	<5	<5	6
101401	71.3	72.4	1.1	0.18	65	<5	14		<0.01		22	302	5	0.005	<1	<5	12	12	1	<10	<5	<5	6
101403	72.4	73	0.6	0.07	105	<5	18		<0.01		20	148	<5	Tr	<1	<5	10	8	1	<10	<5	<5	6
101404	73	73.6	0.6	<0.01	100	<5	14		<0.01		32	270	<5	Tr	<1	<5	12	12	1	<10	<5	<5	7
286551	Standard A			0.77	10	<5	38		0.16		70	66	640	0.64	<1	<5	4	10	5	<10	<5	<5	7
101406	73.6	74.2	0.6	<0.01	60	<5	14		<0.01		42	406	<5	Tr	<1	<5	16	14	1	<10	<5	<5	7
101407	74.2	75	0.8	<0.01	75	<5	12		<0.01		36	290	<5	Tr	<1	<5	16	16	1	<10	<5	<5	7
101408	75	75.6	0.6	0.01	30	<5	12		<0.01		44	260	<5	Tr	<1	<5	18	16	2	<10	<5	<5	8
101409	75.6	76.2	0.6	0.26	45	<5	10		<0.01		36	264	<5	Tr	<1	<5	16	20	1	<10	<5	<5	6
101410	76.2	76.6	0.4	0.13	25	<5	24		<0.01		38	168	<5	Tr	<1	<5	14	12	2	<10	<5	<5	11
101411	76.6	77	0.4	0.11	5	<5	26		<0.01		40	144	5	0.005	<1	<5	18	14	1	<10	<5	<5	11
101412	77	77.5	0.5	1.34	245	<5	12		<0.01		26	300	<5	Tr	<1	<5	8	12	<1	<10	<5	<5	6
101413	77.5	78	0.5	0.08	100	<5	20		<0.01		32	386	<5	Tr	<1	<5	14	10	1	<10	<5	<5	9
101414	78	78.5	0.5	0.07	35	<5	14		<0.01		30	318	<5	Tr	<1	<5	14	10	<1	<10	<5	<5	7
101415	78.5	78.95	0.45	0.10	10	<5	14		<0.01		38	148	<5	Tr	<1	<5	12	8	1	<10	<5	<5	8
101416	78.95	79.55	0.6	0.20	5	<5	6		<0.01		28	174	<5	Tr	<1	<5	12	14	1	<10	<5	<5	4
101417	79.55	80.3	0.75	0.11	10	<5	10		<0.01		40	212	<5	Tr	<1	<5	16	14	2	<10	<5	<5	7
101418	80.3	81.1	0.8	0.22	10	<5	10		<0.01		42	174	<5	Tr	<1	<5	14	12	1	<10	<5	<5	4
286954	81.1	81.5	0.4	0.09	<5	<5	14		<0.01		56	148	<5	Tr	<1	<5	14	10	2	<10	<5	<5	7
101419	81.5	82	0.5	0.16	10	<5	12		<0.01		42	210	<5	Tr	<1	<5	14	12	2	<10	<5	<5	5
286552	Standard C			1.64	25	<5	38		0.15		68	142	970	0.97	<1	<5	4	10	5	<10	<5	<5	7

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Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
101421	82	82.55	0.55	0.11	<5	<5	12		<0.01		38	180	5	0.005	<1	<5	16	10	1	<10	<5	<5	5
101422	82.55	83.3	0.75	0.23	5	<5	10		<0.01		32	168	<5	Tr	<1	<5	16	8	1	<10	<5	<5	4
101423	83.3	83.7	0.4	0.16	<5	<5	12		<0.01		46	202	<5	Tr	<1	<5	14	8	2	<10	<5	<5	6
101424	83.7	85.34	1.64	0.13	<5	<5	20		<0.01		52	176	<5	Tr	<1	<5	18	6	2	<10	<5	<5	6
101425	85.34	86	0.66	0.09	<5	<5	18		<0.01		50	148	<5	Tr	<1	<5	16	4	1	<10	<5	<5	5
101426	86	86.6	0.6	0.13	10	<5	28		<0.01		44	182	<5	Tr	<1	<5	16	4	2	<10	<5	<5	6
101427	86.6	87.3	0.7	0.04	15	<5	28		<0.01		52	186	<5	Tr	<1	<5	16	6	2	<10	<5	<5	7
101428	87.3	88	0.7	0.09	20	<5	24		<0.01		38	150	<5	Tr	<1	<5	14	6	1	<10	<5	<5	6
101429	88	89	1	0.06	35	<5	32		<0.01		38	194	<5	Tr	<1	<5	16	4	2	<10	<5	<5	7
101430	89	89.8	0.8	0.06	20	<5	22		<0.01		36	172	<5	Tr	<1	<5	16	4	1	<10	<5	<5	6
101431	89.8	90.5	0.7	0.08	5	<5	24		<0.01		38	220	<5	Tr	<1	<5	12	4	2	<10	<5	<5	7
101432	90.5	91	0.5	0.14	10	<5	66		<0.01		58	188	<5	Tr	<1	<5	10	4	3	<10	<5	<5	8
101433	91	91.55	0.55	0.12	20	<5	96		<0.01		52	202	<5	Tr	<1	<5	10	8	4	<10	<5	<5	12
101434	91.55	92	0.45	0.05	<5	<5	78		<0.01		26	114	<5	Tr	<1	<5	16	4	2	<10	<5	<5	12
286553	Standard B			0.04	<5	<5	42		0.12		58	38	<5	Tr	<1	<5	6	8	4	<10	<5	<5	7
101436	92	92.7	0.7	0.11	10	<5	112		<0.01		24	82	<5	Tr	<1	<5	12	4	2	<10	<5	<5	14
101437	92.7	93.25	0.55	1.49	5	<5	42		<0.01		28	76	<5	Tr	<1	<5	8	4	2	<10	<5	<5	8
101438	93.25	93.6	0.35	0.24	15	<5	128		<0.01		26	150	<5	Tr	<1	<5	12	2	2	<10	<5	<5	15
101439	93.6	94.1	0.5	0.04	<5	<5	108		<0.01		60	98	<5	Tr	<1	<5	12	4	3	<10	<5	<5	12
101440	94.1	94.49	0.39	<0.01	<5	<5	60		<0.01		66	120	<5	Tr	<1	<5	12	2	3	<10	<5	<5	12
101441	94.49	95	0.51	0.06	<5	<5	88		<0.01		64	124	<5	Tr	<1	<5	12	4	3	<10	<5	<5	14
101442	95	95.7	0.7	0.40	<5	<5	70		<0.01		42	98	<5	Tr	<1	<5	12	6	2	<10	<5	<5	11
101443	95.7	96.3	0.6	0.67	<5	<5	42		<0.01		32	66	<5	Tr	<1	<5	8	6	2	<10	<5	<5	7
101444	96.3	96.75	0.45	0.17	<5	<5	40		<0.01		36	72	<5	Tr	<1	<5	14	4	2	<10	<5	<5	11
101445	96.75	97.54	0.79	0.06	<5	<5	74		<0.01		44	76	<5	Tr	<1	<5	16	4	2	<10	<5	<5	12
101446	97.54	98	0.46	0.02	<5	<5	60		<0.01		40	82	<5	Tr	<1	<5	14	2	1	<10	<5	<5	11
101447	98	99	1	0.10	<5	<5	80		<0.01		38	92	<5	Tr	<1	<5	14	4	2	<10	<5	<5	13
101448	99	100	1	0.05	<5	<5	42		<0.01		30	54	<5	Tr	<1	<5	14	2	2	<10	<5	<5	9
101449	100	100.5	0.5	0.12	<5	<5	64		<0.01		38	90	<5	Tr	<1	<5	10	4	2	<10	<5	<5	11
286554	Standard A			0.74	5	<5	44		0.14		66	64	635	0.635	<1	<5	4	10	4	<10	<5	<5	6
101451	100.5	100.9	0.4	0.13	<5	<5	54		<0.01		32	38	<5	Tr	<1	<5	14	4	2	<10	<5	<5	12

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
101452	100.9	101.3	0.4	0.09	<5	<5	26		<0.01		34	62	<5	Tr	<1	<5	12	6	2	<10	<5	<5	7
101453	101.3	101.75	0.45	0.28	<5	<5	42		<0.01		26	44	<5	Tr	<1	<5	12	4	2	<10	<5	<5	9
101454	101.75	102.5	0.75	0.40	<5	<5	30		<0.01		28	58	<5	Tr	<1	<5	10	6	1	<10	<5	<5	7
101455	102.5	103	0.5	0.30	<5	<5	52		<0.01		28	44	<5	Tr	<1	<5	20	4	2	<10	<5	<5	10
101456	103	103.75	0.75	0.06	<5	<5	58		<0.01		32	50	<5	Tr	<1	<5	14	4	2	<10	<5	<5	11
101457	103.75	104.45	0.7	0.09	<5	<5	34		<0.01		34	58	<5	Tr	<1	<5	12	4	2	<10	<5	<5	9
101458	104.45	104.95	0.5	0.38	<5	<5	22		<0.01		32	60	5	0.005	<1	<5	12	10	2	<10	<5	<5	6
101459	104.95	105.3	0.35	0.24	<5	<5	34		<0.01		30	66	<5	Tr	<1	<5	12	8	2	<10	<5	<5	8
101460	105.3	106.85	1.55	0.25	<5	<5	52		<0.01		24	64	<5	Tr	<1	<5	12	6	1	<10	<5	<5	9
101461	106.85	107.4	0.55	0.30	15	<5	20		<0.01		26	90	5	0.005	<1	<5	8	8	1	<10	<5	<5	7
101462	107.4	108	0.6	0.04	<5	<5	30		<0.01		22	68	<5	Tr	<1	<5	16	4	1	<10	<5	<5	9
101463	108	109	1	1.32	<5	<5	24		<0.01		20	34	10	0.01	<1	<5	8	4	1	<10	<5	<5	6
101464	109	109.4	0.4	0.85	<5	<5	34		<0.01		22	54	10	0.01	<1	<5	10	6	2	<10	<5	<5	9
286555	Standard B			0.04	<5	<5	36		0.14		60	40	<5	Tr	<1	<5	6	8	4	<10	<5	<5	7
101466	109.4	109.73	0.33	0.17	<5	<5	32		<0.01		30	66	10	0.01	<1	<5	10	8	2	<10	<5	<5	10
101467	109.73	110.3	0.57	0.17	<5	<5	32		<0.01		34	88	5	0.005	<1	<5	14	10	2	<10	<5	<5	11
101468	110.3	110.7	0.4	0.05	75	<5	26		<0.01		30	106	15	0.015	<1	<5	8	12	2	<10	<5	<5	9
101469	110.7	111.35	0.65	0.05	<5	<5	24		<0.01		28	104	15	0.015	<1	<5	12	10	2	<10	<5	<5	7
101470	111.35	112.6	1.25	0.02	<5	<5	44		<0.01		56	122	<5	Tr	<1	<5	14	16	4	<10	<5	<5	12
101471	112.6	113.17	0.57	0.02	<5	<5	26		<0.01		36	74	<5	Tr	<1	<5	10	12	2	<10	<5	<5	9
101472	113.17	114	0.83	<0.01	<5	<5	66		<0.01		46	82	<5	Tr	<1	<5	10	6	4	<10	<5	<5	13
101473	114	115.82	1.82	<0.01	<5	<5	64		<0.01		64	110	<5	Tr	<1	<5	8	6	6	<10	<5	<5	13
101474	115.82	117.12	1.3	<0.01	<5	<5	64		<0.01		78	120	<5	Tr	<1	<5	10	10	5	<10	<5	<5	12
101475	117.12	118.87	1.75	<0.01	<5	<5	66		<0.01		40	90	5	0.005	<1	<5	8	4	5	<10	<5	<5	12
101476	118.87	119.37	0.5	0.04	15	<5	74		<0.01		76	176	10	0.01	<1	<5	12	4	4	<10	<5	<5	13
101477	119.37	121.92	2.55	<0.01	<5	<5	64		<0.01		26	82	<5	Tr	<1	<5	12	4	2	<10	<5	<5	12
101478	121.92	123.42	1.5	<0.01	<5	<5	74		<0.01		24	76	<5	Tr	<1	<5	12	2	2	<10	<5	<5	11
101479	123.42	124.97	1.55	0.06	25	<5	56		<0.01		92	142	<5	Tr	<1	<5	12	4	4	<10	<5	<5	13
286556	Standard B			0.04	<5	<5	36		0.13		58	40	5	0.005	<1	<5	6	8	4	<10	<5	<5	7
101481	124.97	126.4	1.43	<0.01	<5	<5	48		<0.01		18	78	<5	Tr	<1	<5	12	10	2	<10	<5	<5	10
101482	126.4	127.6	1.2	<0.01	<5	<5	58		<0.01		40	98	<5	Tr	<1	<5	8	10	3	<10	<5	<5	10

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
101483	127.6	128.8	1.2	<0.01	<5	<5	50		<0.01		40	98	5	0.005	<1	<5	8	14	3	<10	<5	<5	10
101484	128.8	130.5	1.7	<0.01	<5	<5	54		<0.01		34	102	<5	Tr	<1	<5	10	12	4	<10	<5	<5	12
101485	130.5	131.6	1.1	<0.01	<5	<5	54		<0.01		40	80	<5	Tr	<1	<5	8	10	4	<10	<5	<5	13
101486	131.6	133	1.4	<0.01	<5	<5	52		<0.01		44	108	<5	Tr	<1	<5	10	16	3	<10	<5	<5	12
101487	133	134.5	1.5	<0.01	<5	<5	44		<0.01		46	120	<5	Tr	<1	<5	10	16	4	<10	<5	<5	11
101488	134.5	136	1.5	<0.01	<5	<5	54		<0.01		54	114	5	0.005	<1	<5	10	10	4	<10	<5	<5	11
101489	136	137.65	1.65	<0.01	<5	<5	62		<0.01		36	82	<5	Tr	<1	<5	12	4	2	<10	<5	<5	11
101490	137.65	138.6	0.95	<0.01	<5	<5	66		<0.01		42	84	5	0.005	<1	<5	14	4	3	<10	<5	<5	9
101491	138.6	140.21	1.61	<0.01	<5	<5	42		<0.01		56	74	<5	Tr	<1	<5	10	8	4	<10	<5	<5	10
101492	140.21	141.5	1.29	<0.01	<5	<5	40		<0.01		66	100	5	0.005	<1	<5	10	10	6	<10	<5	<5	11
101493	141.5	143.75	2.25	<0.01	<5	<5	48		0.08		82	56	<5	Tr	<1	<5	12	14	5	<10	<5	<5	9
101494	143.75	144.25	0.5	0.02	<5	<5	40		0.17		84	24	<5	Tr	<1	<5	10	14	4	<10	<5	<5	7
286557	Standard C			1.46	25	<5	38		0.14		66	142	980	0.98	<1	<5	4	10	5	<10	<5	<5	6
101496	144.25	146.7	2.45	0.01	<5	<5	36		0.07		70	36	<5	Tr	<1	<5	14	10	5	<10	<5	<5	9
101497	146.7	148	1.3	<0.01	<5	<5	40		0.10		80	20	<5	Tr	<1	<5	14	8	5	<10	<5	<5	10
101498	148	149.35	1.35	<0.01	<5	<5	36		0.10		74	30	<5	Tr	<1	<5	14	10	4	<10	<5	<5	9
101499	149.35	152	2.65	0.01	<5	<5	42		0.07		66	28	<5	Tr	<1	<5	14	6	4	<10	<5	<5	10
101500	152	153	1	<0.01	<5	<5	38		0.12		82	22	<5	Tr	<1	<5	16	10	4	<10	<5	<5	9
286955	153	156	3	<0.01	<5	<5	40		0.09		64	32	<5	Tr	<1	<5	14	8	4	<10	<5	<5	10
286956	156	157.5	1.5	<0.01	<5	<5	48		0.08		62	30	5	0.005	<1	<5	14	8	4	<10	<5	<5	14
286957	157.5	158.5	1	<0.01	<5	<5	36		0.09		74	42	<5	Tr	<1	<5	14	12	4	<10	<5	<5	10
286958	158.5	160	1.5	<0.01	<5	<5	32		0.10		80	40	5	0.005	<1	<5	12	10	4	<10	<5	<5	9
286959	160	161.57	1.57	0.02	<5	<5	42		0.11		84	38	5	0.005	<1	<5	12	12	5	<10	<5	<5	9
286960	161.57	163	1.43	0.02	<5	<5	42		0.11		80	36	<5	Tr	<1	<5	12	12	5	<10	<5	<5	9
286961	163	164.59	1.59	0.02	<5	<5	70		0.18		96	30	<5	Tr	<1	<5	10	12	5	<10	<5	<5	8
286962	164.59	165.8	1.21	<0.01	<5	<5	60		0.17		108	32	<5	Tr	<1	<5	10	14	6	<10	<5	<5	7
286963	165.8	166.7	0.9	0.01	<5	<5	54		0.16		100	34	<5	Tr	<1	<5	10	12	5	<10	<5	<5	8
286558	Standard A			0.78	5	<5	42		0.16		72	66	635	0.635	<1	<5	4	10	5	<10	<5	<5	7
286965	166.7	167.64	0.94	<0.01	<5	<5	196		0.03		66	82	5	0.005	<1	<5	10	12	5	<10	<5	<5	10
286966	167.64	169	1.36	<0.01	<5	<5	58		0.06		102	38	5	0.005	<1	<5	10	12	7	<10	<5	<5	10
286967	169	170.69	1.69	<0.01	<5	<5	70		0.06		98	34	<5	Tr	<1	<5	8	12	6	<10	<5	<5	6

10-LCD-19																							
Sample No.	From (m)	To (m)	Length (m)	S (%)	Sb	Sn	Sr	Te	Ti (%)	Tl	V	Zn	*Au (ppb)	Au (g/t)	Be	Hg	La	Li	Sc	Se	U	W	Y
286968	171.8	173	1.2	0.01	<5	<5	54		0.18		108	20	<5	Tr	<1	<5	10	10	3	<10	<5	<5	7
286969	173	174.5	1.5	<0.01	<5	<5	44		0.21		110	22	<5	Tr	<1	<5	12	10	3	<10	<5	<5	7
286970	174.5	176.17	1.67	<0.01	<5	<5	52		0.15		100	28	<5	Tr	<1	<5	10	10	3	<10	<5	<5	6
286972	170.69	171.8	1.11	<0.01	<5	<5	116		0.05		78	54	<5	Tr	<1	<5	8	16	6	<10	<5	<5	6
286559	Standard A			0.76	5	<5	40		0.15		68	64	640	0.64	<1	<5	4	10	5	<10	<5	<5	7

10-LCD-20 All values are in parts per million (ppm) unless stated otherwise

10-LCD-20																								
Sample No.	From (m)	To (m)	Interval (m)	Ag	Al%	As	Au (ppb)	Au g/t	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Cu%	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo
105001	14	15.5	1.5	<0.2	1.08	<5	10	0.010	40	<1	<5	0.36	5	11	100	284	0.028	2.42	<5	0.18	12	12	0.78	375	1
105002	15.5	17	1.5	<0.2	1.06	<5	5	0.005	40	<1	<5	0.28	8	10	92	368	0.037	2.41	<5	0.20	14	10	0.70	420	1
105003	17	18.25	1.25	<0.2	0.96	<5	5	0.005	50	<1	<5	0.25	6	8	82	416	0.042	2.26	<5	0.21	18	6	0.52	310	1
105004	18.25	19.2	0.95	<0.2	0.99	<5	5	0.005	96	<1	<5	0.23	3	8	72	562	0.056	2.20	<5	0.24	18	6	0.46	535	1
105005	19.2	20.5	1.3	0.2	0.93	5	5	0.005	62	<1	<5	0.23	2	8	56	394	0.039	2.04	<5	0.28	14	6	0.40	380	<1
105006	20.5	22.5	2	0.4	0.95	10	5	0.005	50	<1	<5	0.25	3	8	78	578	0.058	2.17	<5	0.25	10	6	0.32	270	<1
105007	22.5	24	1.5	<0.2	1.71	15	15	0.015	92	<1	<5	0.37	5	18	32	596	0.060	3.40	<5	0.33	30	14	0.68	910	1
105008	24	25.5	1.5	<0.2	1.94	15	5	0.005	72	<1	<5	0.41	5	16	24	846	0.085	4.26	<5	0.31	28	18	0.71	580	1
105009	25.5	26.5	1	<0.2	1.05	<5	5	0.005	74	<1	<5	0.35	1	8	54	518	0.052	1.78	<5	0.31	12	6	0.28	400	<1
105010	26.5	27.7	1.2	<0.2	1.15	5	10	0.010	230	<1	<5	0.53	2	14	64	744	0.074	1.55	<5	0.38	20	6	0.28	1135	2
286560	Standard A			2.6	1.50	10	630	0.630	78	<1	<5	0.74	<1	12	44	7252	0.725	3.23	<5	0.14	4	10	0.74	420	62
105011	27.7	28.5	0.8	0.2	0.91	10	10	0.010	112	<1	<5	0.19	2	12	106	650	0.065	2.12	<5	0.25	8	12	0.26	725	2
105012	28.5	30	1.5	0.4	0.63	10	10	0.010	52	<1	<5	0.13	1	7	66	504	0.050	1.27	<5	0.28	6	6	0.14	270	1
105013	30	31.5	1.5	<0.2	0.84	10	5	0.005	54	<1	<5	0.18	1	9	56	680	0.068	1.78	<5	0.30	8	6	0.23	310	1
105014	31.5	33	1.5	<0.2	0.82	<5	5	0.005	114	<1	<5	0.20	<1	7	58	510	0.051	1.54	<5	0.28	8	4	0.22	515	1
286561	Standard B			<0.2	1.15	<5	<5	Tr	102	<1	<5	0.66	<1	13	48	24	0.002	2.02	<5	0.12	6	8	0.53	365	3
105016	33	34	1	<0.2	0.73	<5	<5	Tr	40	<1	<5	0.18	<1	6	54	428	0.043	1.47	<5	0.31	8	6	0.15	185	<1
105017	34	35.5	1.5	<0.2	0.74	<5	5	0.005	226	<1	<5	1.54	3	6	62	202	0.020	1.38	<5	0.30	10	6	0.31	360	1
105018	35.5	37	1.5	<0.2	0.73	<5	5	0.005	64	<1	<5	1.52	3	6	56	262	0.026	1.40	<5	0.31	12	6	0.28	375	4
105019	37	38.5	1.5	<0.2	0.81	<5	10	0.010	104	<1	<5	1.67	<1	8	64	166	0.017	1.79	<5	0.27	8	6	0.51	615	3
105020	38.5	39.9	1.4	<0.2	0.83	<5	10	0.010	28	<1	<5	1.70	<1	8	76	464	0.046	1.91	<5	0.29	10	6	0.50	535	4
105021	39.9	40.3	0.4	1.0	1.01	15	15	0.015	44	<1	<5	1.42	<1	10	120	1546	0.155	1.99	<5	0.28	6	8	0.54	1065	10
105022	40.3	40.8	0.5	<0.2	0.86	<5	10	0.010	48	<1	<5	1.15	<1	8	98	562	0.056	1.88	<5	0.27	10	6	0.54	655	4
105023	40.8	41.2	0.4	<0.2	1.04	<5	10	0.010	232	<1	<5	1.56	<1	10	110	968	0.097	2.38	<5	0.23	10	8	0.75	940	6
105024	41.2	42	0.8	<0.2	0.87	<5	5	0.005	280	<1	<5	1.55	3	8	96	478	0.048	2.02	<5	0.26	14	6	0.53	640	3
105025	42	43.5	1.5	<0.2	1.11	5	10	0.010	44	<1	<5	0.18	1	12	114	638	0.064	2.47	<5	0.25	14	8	0.61	890	2
105026	43.5	44	0.5	<0.2	1.13	<5	5	0.005	58	<1	<5	0.18	2	11	90	868	0.087	2.31	<5	0.24	16	8	0.65	870	1
105027	44	45.5	1.5	<0.2	1.00	<5	10	0.010	80	<1	<5	0.20	2	10	86	834	0.083	2.35	<5	0.25	18	6	0.56	695	1
105028	45.5	47.5	2	<0.2	1.01	<5	10	0.010	172	<1	<5	0.75	2	10	94	528	0.053	2.37	<5	0.22	14	8	0.68	690	1

10-LCD-20																								
Sample No.	From (m)	To (m)	Interval (m)	Ag	Al%	As	Au (ppb)	Au g/t	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Cu%	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo
105029	47.5	48.5	1	<0.2	1.12	<5	5	0.005	114	<1	<5	0.25	1	10	114	472	0.047	2.48	<5	0.21	12	10	0.73	1135	1
286562	Standard A			2.4	1.47	10	630	0.630	68	<1	<5	0.74	<1	12	44	7316	0.732	3.21	<5	0.14	4	10	0.70	415	60
105031	48.5	49.9	1.4	<0.2	1.04	<5	5	0.005	296	<1	<5	0.92	1	10	96	560	0.056	2.36	<5	0.21	12	8	0.71	990	1
105032	49.9	51	1.1	<0.2	0.96	<5	5	0.005	80	<1	<5	1.14	<1	9	110	398	0.040	2.28	<5	0.20	14	8	0.67	715	1
105033	51	52	1	<0.2	1.03	<5	5	0.005	176	<1	<5	1.34	<1	10	108	302	0.030	2.26	<5	0.23	14	8	0.68	1000	1
105034	52	53	1	<0.2	1.47	<5	10	0.010	156	<1	<5	0.65	<1	14	104	560	0.056	3.21	<5	0.22	14	12	0.83	1675	1
105035	53	54	1	<0.2	1.43	<5	5	0.005	70	<1	<5	0.12	<1	14	146	754	0.075	3.14	<5	0.23	10	12	0.76	1750	3
105036	54	54.6	0.6	0.2	1.30	10	15	0.015	158	<1	<5	0.10	<1	14	192	930	0.093	3.08	<5	0.20	6	10	0.73	1700	6
105037	54.6	55	0.4	<0.2	1.48	<5	5	0.005	78	<1	<5	0.78	2	14	132	630	0.063	2.91	<5	0.29	14	12	0.84	1835	3
105038	55	56.5	1.5	<0.2	1.20	<5	5	0.005	98	<1	<5	0.29	<1	11	124	504	0.050	2.56	<5	0.24	12	8	0.73	1300	3
105039	56.5	58	1.5	<0.2	1.21	<5	5	0.005	100	<1	<5	0.19	1	10	112	496	0.050	2.64	<5	0.23	14	8	0.75	1060	3
105040	58	59.5	1.5	<0.2	1.26	<5	5	0.005	102	<1	<5	0.26	4	12	110	260	0.026	2.59	<5	0.21	14	8	0.81	1070	3
286563	Standard C			4.0	1.41	15	940	0.940	76	<1	5	0.73	2	14	44	>10000	1.28	3.69	<5	0.14	4	10	0.67	405	206
105041	59.5	60.4	0.9	<0.2	1.23	<5	30	0.030	56	<1	<5	0.30	3	10	120	256	0.026	2.48	<5	0.19	14	8	0.80	670	2
105042	60.4	61	0.6	0.4	1.30	5	5	0.005	142	<1	<5	0.30	3	13	106	524	0.052	2.38	<5	0.21	16	6	0.66	885	4
105043	61	62.1	1.1	<0.2	1.27	<5	10	0.010	64	<1	<5	0.27	7	11	122	316	0.032	2.43	<5	0.19	14	8	0.72	560	2
105044	62.1	63.5	1.4	<0.2	1.33	5	10	0.010	104	<1	<5	0.21	6	12	114	428	0.043	3.06	<5	0.24	14	8	0.74	1180	3
286564	Standard A			2.6	1.48	10	645	0.645	72	<1	<5	0.77	<1	12	44	7240	0.724	3.28	<5	0.14	4	10	0.71	425	61
105046	63.5	65	1.5	<0.2	1.24	5	10	0.010	98	<1	<5	0.23	4	11	96	474	0.047	2.73	<5	0.22	16	8	0.68	915	2
105047	65	66.5	1.5	<0.2	1.28	5	40	0.040	146	<1	<5	0.18	4	12	112	618	0.062	2.96	<5	0.23	12	8	0.71	1330	3
105048	66.5	67.4	0.9	<0.2	1.39	<5	10	0.010	116	<1	<5	0.20	4	12	110	740	0.074	2.87	<5	0.23	14	8	0.80	1235	3
105049	67.4	69	1.6	<0.2	1.35	<5	10	0.010	66	<1	<5	0.14	3	12	122	620	0.062	3.03	<5	0.18	10	8	0.75	1310	3
105050	69	70	1	<0.2	0.95	<5	10	0.010	52	<1	<5	0.09	2	10	178	294	0.029	2.17	<5	0.21	10	6	0.49	905	4
105051	70	71	1	<0.2	1.09	<5	10	0.010	52	<1	<5	0.15	3	12	118	448	0.045	2.45	<5	0.27	14	6	0.59	940	2
105052	71	72.25	1.25	<0.2	1.06	5	10	0.010	52	<1	<5	0.12	2	12	140	400	0.040	2.44	<5	0.25	14	8	0.55	945	4
105053	72.25	73.5	1.25	<0.2	0.84	<5	10	0.010	116	<1	<5	0.16	3	8	108	522	0.052	2.16	<5	0.28	14	4	0.32	725	3
105054	73.5	75	1.5	<0.2	0.91	<5	10	0.010	68	<1	<5	0.18	3	9	88	722	0.072	2.20	<5	0.23	16	4	0.40	645	2
105055	75	76.5	1.5	<0.2	0.97	<5	15	0.015	100	<1	<5	0.20	3	8	92	642	0.064	2.17	<5	0.26	16	6	0.40	710	3
105056	76.5	77.5	1	<0.2	1.16	<5	10	0.010	82	<1	<5	0.16	3	11	104	628	0.063	2.46	<5	0.25	16	6	0.62	1060	3
105057	77.5	79.15	1.65	<0.2	1.18	<5	10	0.010	52	<1	<5	0.14	3	12	114	372	0.037	2.73	<5	0.24	14	8	0.63	1125	2
105058	79.15	79.85	0.7	0.2	0.63	<5	10	0.010	28	<1	<5	0.07	1	7	176	164	0.016	1.47	<5	0.20	8	4	0.26	555	4
105059	79.85	81.5	1.65	0.2	1.18	5	5	0.005	42	<1	<5	0.11	2	14	120	336	0.034	2.84	<5	0.22	14	8	0.59	1120	3

10-LCD-20																								
Sample No.	From (m)	To (m)	Interval (m)	Ag	Al%	As	Au (ppb)	Au g/t	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Cu%	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo
286565	Standard B			<0.2	1.14	<5	<5	Tr	102	<1	<5	0.69	<1	13	52	22	0.002	2.09	<5	0.10	6	8	0.52	375	3
105061	81.5	82.75	1.25	<0.2	1.06	5	10	0.010	50	<1	<5	0.16	3	11	116	498	0.050	2.56	<5	0.25	16	6	0.57	925	3
105062	82.75	84	1.25	0.2	1.29	5	15	0.015	44	<1	<5	0.10	2	15	118	392	0.039	3.24	<5	0.22	14	10	0.67	1245	2
103351	84	85	1	0.4	1.00	5	15	0.015	40	<1	<5	0.14	2	11	120	332	0.033	2.37	<5	0.27	16	6	0.56	780	3
103352	85	86	1	0.4	1.40	10	10	0.010	34	<1	<5	0.12	2	15	132	334	0.033	3.65	<5	0.24	18	10	0.75	1180	2
103353	86	87	1	0.4	1.00	10	10	0.010	38	<1	<5	0.14	1	14	116	298	0.030	2.60	<5	0.26	16	8	0.53	625	3
103354	87	88.4	1.4	0.8	1.23	10	10	0.010	58	<1	<5	0.22	4	16	124	520	0.052	3.32	<5	0.26	14	10	0.54	955	3
103355	88.4	89.5	1.1	0.8	0.51	40	10	0.010	582	<1	<5	0.31	9	5	116	880	0.088	0.86	<5	0.26	12	<2	0.13	660	2
103356	89.5	90.73	1.23	1.0	0.56	50	5	0.005	204	<1	<5	1.00	24	6	130	868	0.087	0.95	<5	0.26	12	2	0.17	730	3
103357	90.73	91.8	1.07	0.8	1.21	20	5	0.005	64	<1	<5	0.78	11	13	140	1268	0.127	2.88	<5	0.27	10	10	0.56	1175	3
103358	91.8	93	1.2	0.6	1.59	20	10	0.010	74	<1	<5	0.14	1	26	150	1242	0.124	4.44	<5	0.26	12	12	0.65	1435	4
286566	Standard A			2.4	1.46	10	650	0.650	80	<1	<5	0.77	<1	12	46	7264	0.726	3.31	<5	0.13	4	10	0.70	435	58
103359	93	94	1	0.4	1.56	10	5	0.005	44	<1	<5	0.13	<1	17	158	650	0.065	4.41	<5	0.29	16	12	0.75	1175	4
103360	94	95	1	0.4	1.56	10	5	0.005	72	<1	<5	0.13	<1	15	156	520	0.052	3.95	<5	0.31	16	12	0.76	1240	3
103361	95	96	1	0.4	1.60	10	10	0.010	56	<1	<5	0.12	<1	16	158	538	0.054	4.21	<5	0.29	14	12	0.76	1280	4
103362	96	97	1	0.6	1.60	5	5	0.005	62	<1	<5	0.27	1	14	108	848	0.085	3.30	<5	0.29	12	12	0.84	1035	3
103363	97	98	1	0.2	1.53	<5	<5	Tr	70	<1	<5	1.09	2	12	116	520	0.052	2.95	<5	0.27	20	10	0.89	1070	2
103364	98	99	1	0.4	1.24	<5	5	0.005	82	<1	<5	1.10	3	11	124	376	0.038	2.60	<5	0.27	14	8	0.66	945	3
103365	99	100.16	1.16	0.4	1.14	10	5	0.005	326	<1	<5	1.22	4	12	136	522	0.052	2.71	<5	0.29	16	10	0.61	1895	4
103366	100.16	101	0.84	0.4	1.18	20	5	0.005	1286	<1	<5	1.93	6	13	140	512	0.051	2.54	<5	0.28	12	8	0.56	2190	5
103367	101	102	1	0.2	0.96	15	5	0.005	700	<1	<5	1.31	1	15	126	346	0.035	3.46	<5	0.28	14	6	0.40	1315	2
103368	102	103	1	<0.2	0.76	10	5	0.005	448	<1	<5	1.52	<1	10	104	462	0.046	2.89	<5	0.32	14	4	0.23	700	5
103369	103	103.86	0.86	<0.2	0.51	<5	5	0.005	484	<1	<5	1.66	<1	12	106	434	0.043	3.01	<5	0.33	16	4	0.50	1260	4
103370	103.86	104.54	0.68	1.4	0.63	10	5	0.005	54	<1	<5	1.19	<1	23	98	2104	0.210	4.54	<5	0.38	10	4	0.83	1570	15
103371	104.54	105.3	0.76	0.8	0.58	10	5	0.005	22	<1	<5	2.04	<1	26	74	1358	0.136	4.46	<5	0.36	14	4	0.90	1635	5
103372	105.3	106	0.7	1.8	0.62	20	5	0.005	16	<1	<5	1.79	1	24	86	628	0.063	4.29	<5	0.39	12	4	1.08	1470	3
103373	106	107	1	0.4	0.98	<5	<5	Tr	144	<1	<5	2.24	<1	27	78	840	0.084	4.52	<5	0.36	10	6	1.22	1665	6
103374	107	108	1	0.2	1.30	<5	5	0.005	340	<1	<5	2.61	<1	22	112	642	0.064	3.45	<5	0.33	12	10	0.79	1580	7
103375	108	108.7	0.7	0.6	0.81	<5	5	0.005	556	<1	<5	2.12	<1	17	92	1498	0.150	2.72	<5	0.35	14	6	0.45	1170	13
103376	108.7	109.3	0.6	0.4	0.90	<5	<5	Tr	234	<1	<5	2.88	<1	16	94	750	0.075	2.81	<5	0.34	14	6	0.55	1170	10
103377	109.3	110	0.7	0.2	1.23	<5	5	0.005	364	<1	<5	2.50	<1	19	130	540	0.054	3.29	<5	0.32	14	8	0.89	1250	7
103378	110	111.46	1.46	<0.2	1.52	<5	<5	Tr	50	<1	<5	3.11	<1	19	84	294	0.029	3.16	<5	0.28	14	10	1.22	1500	3

10-LCD-20																								
Sample No.	From (m)	To (m)	Interval (m)	Ag	Al%	As	Au (ppb)	Au g/t	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Cu%	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo
103379	111.46	113	1.54	<0.2	1.23	<5	5	0.005	58	<1	<5	1.98	<1	15	110	230	0.023	2.88	<5	0.23	12	8	1.00	1260	3
103380	113	114	1	<0.2	1.23	<5	<5	Tr	350	<1	<5	3.08	<1	15	90	246	0.025	2.88	<5	0.22	14	8	1.04	1525	3
103381	114	115	1	<0.2	1.32	<5	<5	Tr	262	<1	<5	1.96	<1	16	120	438	0.044	3.10	<5	0.25	12	8	1.06	1250	3
103382	115	115.84	0.84	0.2	1.35	<5	<5	Tr	360	<1	<5	1.89	<1	18	116	406	0.041	3.19	<5	0.22	14	8	1.03	1375	2
103383	115.84	116.44	0.6	0.2	1.49	<5	5	0.005	382	<1	<5	2.43	<1	21	92	1328	0.133	3.93	<5	0.27	14	10	1.11	1535	3
103384	116.44	117.2	0.76	1.4	1.75	<5	10	0.010	54	<1	<5	1.27	<1	23	156	7166	0.717	4.62	<5	0.31	12	14	1.09	1150	26
103385	117.2	117.8	0.6	0.6	1.91	<5	10	0.010	38	<1	<5	1.75	<1	26	134	2924	0.292	5.29	<5	0.31	16	16	1.31	1385	7
103386	Standard C			4.2	1.43	15	975	0.975	80	<1	5	0.77	2	14	46	>10000	1.24	3.87	<5	0.14	4	10	0.69	415	213
103387	Standard C			4.2	1.41	15	995	0.995	78	<1	5	0.74	2	14	44	>10000	1.25	3.74	<5	0.13	4	10	0.68	405	215
103388	Standard B			<0.2	1.10	<5	<5	Tr	106	<1	<5	0.71	<1	13	50	26	0.003	2.10	<5	0.10	6	8	0.53	380	3
103389	Standard A			2.6	1.47	10	635	0.635	74	<1	<5	0.79	<1	12	46	7300	0.730	3.31	<5	0.13	4	10	0.70	430	62
103390	117.8	118.5	0.7	<0.2	2.06	<5	20	0.020	34	<1	<5	2.47	<1	24	124	20	0.002	5.35	<5	0.27	10	16	1.37	1320	2
103391	118.5	119	0.5	<0.2	1.97	<5	<5	Tr	76	<1	<5	2.77	<1	22	148	40	0.004	4.46	<5	0.30	12	16	1.36	1265	2
103392	119	120	1	<0.2	1.86	<5	<5	Tr	42	<1	<5	2.83	<1	22	96	52	0.005	5.04	<5	0.31	12	16	1.26	1335	2
103393	120	121	1	0.4	1.99	<5	<5	Tr	26	<1	<5	1.79	<1	31	132	1562	0.156	6.35	<5	0.27	6	18	1.21	1480	7
103394	121	122	1	1.0	1.46	<5	<5	Tr	52	<1	<5	2.23	<1	21	98	244	0.024	4.96	<5	0.30	12	12	1.01	1320	5
103395	122	122.65	0.65	0.6	0.81	5	<5	Tr	46	<1	<5	4.00	<1	14	70	452	0.045	3.91	<5	0.25	12	8	0.48	1265	2
103396	122.65	123.25	0.6	<0.2	0.87	<5	<5	Tr	106	<1	<5	3.57	<1	13	78	274	0.027	2.65	<5	0.29	10	8	0.57	1015	6
103397	123.25	124.5	1.25	0.2	0.75	5	5	0.005	148	<1	<5	2.88	<1	9	108	624	0.062	1.91	<5	0.25	8	6	0.44	835	8
103398	124.5	126	1.5	<0.2	0.76	<5	<5	Tr	294	<1	<5	3.57	<1	9	108	300	0.030	2.25	<5	0.25	12	6	0.44	1060	2
103399	126	126.48	0.48	0.6	1.29	15	10	0.010	44	<1	<5	3.13	1	14	98	320	0.032	2.68	<5	0.24	12	12	0.87	1120	1
103400	Standard C			4.4	1.40	15	990	0.990	78	<1	5	0.75	2	14	48	>10000	1.30	3.86	<5	0.13	4	10	0.69	425	203
103401	126.48	128	1.52	<0.2	0.73	5	5	0.005	326	<1	<5	2.87	<1	9	126	292	0.029	2.09	<5	0.24	14	8	0.36	870	2
103402	128	128.54	0.54	<0.2	0.47	10	<5	Tr	554	<1	<5	3.48	<1	5	134	346	0.035	1.46	<5	0.23	16	4	0.16	955	2
103403	128.54	129.14	0.6	<0.2	1.06	<5	5	0.005	358	<1	<5	2.02	<1	13	136	382	0.038	2.64	<5	0.22	12	12	0.64	825	5
103404	129.14	129.59	0.45	1.0	0.85	75	<5	Tr	274	<1	<5	3.24	<1	12	106	3608	0.361	1.99	10	0.24	12	6	0.56	1055	30
103405	129.59	130.19	0.6	0.8	1.10	<5	10	0.010	184	<1	<5	4.91	<1	15	88	624	0.062	3.06	<5	0.31	14	16	0.58	1400	3
103406	130.19	131	0.81	3.8	0.88	30	10	0.010	310	<1	<5	4.35	<1	12	80	2602	0.260	2.45	<5	0.33	12	8	0.51	1255	10
103407	131	132	1	0.2	0.88	<5	5	0.005	178	<1	<5	4.61	<1	12	62	198	0.020	2.24	<5	0.28	12	8	0.49	1330	4
103408	132	133.23	1.23	0.2	1.02	<5	<5	Tr	110	<1	<5	4.55	<1	15	72	210	0.021	2.96	<5	0.23	12	8	0.85	1530	2
103409	133.23	133.83	0.6	<0.2	1.26	<5	5	0.005	42	<1	<5	3.53	<1	17	96	258	0.026	3.57	<5	0.24	12	10	1.16	1335	2
103410	133.83	134.43	0.6	0.2	1.44	<5	5	0.005	38	<1	<5	3.76	<1	20	68	342	0.034	3.71	<5	0.22	12	10	1.51	1345	2

10-LCD-20																								
Sample No.	From (m)	To (m)	Interval (m)	Ag	Al%	As	Au (ppb)	Au g/t	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Cu%	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo
103411	Standard A			2.2	1.49	10	650	0.650	76	<1	<5	0.79	<1	12	46	7266	0.727	3.34	<5	0.13	4	10	0.71	430	62
103412	134.43	135	0.57	0.6	1.29	<5	5	0.005	46	<1	<5	3.06	<1	18	66	296	0.030	3.57	<5	0.25	12	8	1.27	1170	2
103413	135	136	1	<0.2	1.12	<5	5	0.005	60	<1	<5	4.01	<1	17	78	218	0.022	3.38	<5	0.23	12	8	1.13	1385	2
103414	136	137	1	<0.2	1.13	<5	5	0.005	44	<1	<5	3.00	<1	20	84	188	0.019	3.94	<5	0.22	12	8	1.11	1090	5
103415	137	138	1	<0.2	0.70	<5	5	0.005	34	<1	<5	4.62	<1	19	62	146	0.015	3.66	<5	0.20	12	4	1.09	1600	4
103416	138	139	1	<0.2	0.60	<5	5	0.005	40	<1	<5	5.64	<1	16	80	90	0.009	3.08	<5	0.26	12	2	1.91	1835	21
103417	139	140	1	<0.2	1.43	<5	<5	Tr	32	<1	<5	2.83	<1	25	112	82	0.008	4.83	<5	0.19	12	10	1.77	1490	5
103418	140	141	1	<0.2	0.67	<5	5	0.005	50	<1	<5	2.91	<1	17	74	234	0.023	3.75	<5	0.26	10	4	0.98	975	3
103419	141	142	1	<0.2	0.73	<5	5	0.005	44	<1	<5	4.05	<1	19	76	198	0.020	3.70	<5	0.25	10	4	1.24	1485	3
103420	142	143	1	<0.2	0.57	<5	5	0.005	40	<1	<5	4.01	<1	21	88	270	0.027	4.22	<5	0.23	12	4	1.27	1560	2
103421	Standard B			<0.2	1.16	<5	<5	Tr	106	<1	<5	0.70	<1	13	52	22	0.002	2.10	<5	0.10	6	8	0.53	390	3
103422	143	144	1	<0.2	0.54	<5	5	0.005	36	<1	<5	3.91	<1	19	86	106	0.011	3.69	<5	0.21	10	2	0.77	1255	3
103423	144	145	1	<0.2	0.54	<5	<5	Tr	56	<1	<5	4.20	<1	16	66	80	0.008	2.96	<5	0.23	12	2	0.78	1200	1
103424	145	146	1	<0.2	0.57	<5	<5	Tr	38	<1	<5	3.51	<1	16	64	198	0.020	3.39	<5	0.25	12	2	0.97	1080	2
103425	146	147	1	<0.2	0.57	<5	5	0.005	42	<1	<5	3.78	<1	18	64	116	0.012	3.61	<5	0.28	12	2	0.99	1215	2
103426	147	148	1	<0.2	0.59	<5	5	0.005	38	<1	<5	4.76	<1	16	92	58	0.006	3.00	<5	0.30	14	2	0.91	1450	2
103427	148	149	1	<0.2	0.66	<5	5	0.005	40	<1	<5	4.10	<1	15	82	200	0.020	3.22	<5	0.31	16	2	1.20	1330	2
103428	149	150	1	<0.2	0.53	<5	5	0.005	32	<1	<5	3.35	<1	12	84	106	0.011	2.36	<5	0.27	14	<2	0.47	980	1
103429	150	151	1	<0.2	0.56	<5	<5	Tr	30	<1	<5	2.85	<1	14	78	92	0.009	2.65	<5	0.24	10	2	0.78	980	2
103430	Standard C			4.4	1.40	15	990	0.990	80	<1	5	0.79	2	14	46	>10000	1.27	3.87	<5	0.13	4	10	0.68	420	194
103431	151	152	1	0.2	0.60	<5	5	0.005	38	<1	<5	2.76	<1	10	82	176	0.018	2.45	<5	0.27	12	<2	0.59	855	3
103432	152	153	1	<0.2	0.68	<5	5	0.005	36	<1	<5	2.68	<1	12	102	234	0.023	2.87	<5	0.28	16	2	0.35	935	2
103433	153	154	1	<0.2	0.80	<5	<5	Tr	40	<1	<5	2.55	<1	13	90	220	0.022	2.76	<5	0.30	12	4	0.66	915	2
103434	154	155	1	<0.2	0.55	5	<5	Tr	1758	<1	<5	6.09	<1	13	76	26	0.003	2.23	<5	0.26	12	4	0.79	1460	2
103435	155	156	1	<0.2	0.55	5	5	0.005	66	<1	<5	3.08	<1	14	80	6	0.001	2.50	<5	0.27	8	4	1.05	1050	1
103436	156	157	1	<0.2	0.61	10	<5	Tr	34	<1	<5	3.30	<1	11	74	12	0.001	2.10	<5	0.22	14	4	0.79	915	4
103437	157	158	1	<0.2	0.58	5	10	0.010	24	<1	<5	2.81	<1	10	124	32	0.003	1.88	<5	0.17	16	4	1.03	855	4
103438	158	159	1	<0.2	0.52	5	<5	Tr	28	<1	<5	2.70	<1	10	86	6	0.001	2.23	<5	0.16	14	2	1.01	870	2
103439	159	160	1	0.4	0.77	5	5	0.005	28	<1	<5	2.16	<1	11	98	732	0.073	2.29	<5	0.14	12	4	0.68	705	3
103440	Standard A			2.4	1.52	10	655	0.655	74	<1	<5	0.80	<1	13	44	7284	0.728	3.31	<5	0.14	4	10	0.73	435	53
103441	160	160.38	0.38	<0.2	0.70	5	5	0.005	32	<1	<5	3.00	<1	8	100	84	0.008	1.42	<5	0.13	12	6	0.56	525	2
103442	160.38	162	1.62	<0.2	0.93	<5	<5	Tr	20	<1	<5	1.95	<1	8	108	64	0.006	1.12	<5	0.07	10	12	0.88	470	1

10-LCD-20																								
Sample No.	From (m)	To (m)	Interval (m)	Ag	Al%	As	Au (ppb)	Au g/t	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Cu%	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo
103443	162	163.5	1.5	<0.2	0.88	<5	5	0.005	22	<1	<5	1.11	<1	9	92	154	0.015	0.88	<5	0.07	8	8	0.69	295	1
103444	163.5	165	1.5	<0.2	1.13	5	5	0.005	22	<1	<5	1.67	<1	10	88	404	0.040	1.12	<5	0.05	8	8	0.85	340	2
103445	165	166.5	1.5	<0.2	1.13	5	5	0.005	32	<1	<5	1.56	<1	7	88	122	0.012	0.80	<5	0.05	8	8	0.62	215	1
103446	166.5	168	1.5	<0.2	1.38	5	5	0.005	106	<1	<5	1.41	<1	13	102	58	0.006	2.18	<5	0.10	8	12	0.89	240	2
103447	168	169.5	1.5	<0.2	1.42	5	5	0.005	630	<1	<5	1.65	<1	11	88	174	0.017	1.78	<5	0.06	8	10	0.84	230	2
103448	169.5	171	1.5	<0.2	1.28	5	5	0.005	38	<1	<5	1.60	<1	10	98	74	0.007	1.43	<5	0.07	8	10	0.79	205	2
103449	171	172.5	1.5	<0.2	1.17	5	<5	Tr	86	<1	<5	1.32	<1	10	104	54	0.005	1.52	<5	0.11	8	8	0.67	190	2
103450	Standard B			<0.2	1.08	<5	<5	Tr	102	<1	<5	0.72	<1	13	52	22	0.002	2.11	<5	0.10	6	8	0.53	385	3
103451	172.5	174	1.5	<0.2	1.10	5	<5	Tr	62	<1	<5	1.30	<1	9	100	42	0.004	1.24	<5	0.06	8	6	0.69	220	2
103452	174	175.5	1.5	<0.2	1.25	5	5	0.005	54	<1	<5	1.28	<1	13	100	58	0.006	2.14	<5	0.09	8	10	0.90	250	2
103453	175.5	177	1.5	<0.2	1.16	<5	<5	Tr	32	<1	<5	1.49	<1	10	104	16	0.002	1.07	<5	0.03	6	8	1.00	325	2
103454	177	178.5	1.5	<0.2	1.33	<5	5	0.005	34	<1	<5	1.34	<1	13	102	56	0.006	2.01	<5	0.08	8	10	1.01	330	2
103455	178.5	180.14	1.64	<0.2	1.13	<5	5	0.005	20	<1	<5	1.45	<1	9	106	22	0.002	1.26	<5	0.05	6	8	1.01	390	2
103456	Standard B			<0.2	1.17	<5	<5	Tr	100	<1	<5	0.70	<1	13	48	22	0.002	2.07	<5	0.10	6	8	0.53	375	3

10-LCD-20																			
Sample No.	From (m)	To (m)	Interval (m)	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
105001	14	15.5	1.5	0.07	12	520	6	<0.01	<5	5	<10	<5	24	0.11	<5	90	<5	8	46
105002	15.5	17	1.5	0.05	12	510	6	<0.01	<5	4	<10	<5	18	0.06	<5	80	<5	9	68
105003	17	18.25	1.25	0.04	11	530	6	<0.01	<5	3	<10	<5	14	<0.01	<5	74	<5	10	112
105004	18.25	19.2	0.95	0.03	11	520	12	<0.01	5	2	<10	<5	12	<0.01	<5	56	<5	9	342
105005	19.2	20.5	1.3	0.02	11	530	6	<0.01	15	2	<10	<5	12	<0.01	<5	50	<5	8	372
105006	20.5	22.5	2	0.02	11	560	12	<0.01	15	2	<10	<5	12	<0.01	<5	44	<5	7	538
105007	22.5	24	1.5	0.03	15	940	45	<0.01	40	2	<10	<5	16	<0.01	<5	42	<5	12	622
105008	24	25.5	1.5	0.03	18	930	15	<0.01	20	2	<10	<5	20	<0.01	<5	42	<5	12	922
105009	25.5	26.5	1	0.02	9	840	6	<0.01	5	2	<10	<5	16	<0.01	<5	24	<5	11	406
105010	26.5	27.7	1.2	0.02	8	1580	111	<0.01	15	2	<10	<5	18	<0.01	<5	32	<5	26	350
286560	Standard A			0.15	27	560	<3	0.78	5	5	<10	<5	42	0.14	5	68	<5	6	64
105011	27.7	28.5	0.8	0.02	12	640	57	<0.01	25	1	<10	<5	6	<0.01	<5	20	<5	10	498
105012	28.5	30	1.5	0.01	8	350	24	<0.01	30	1	<10	<5	6	<0.01	<5	14	<5	6	394
105013	30	31.5	1.5	0.02	9	410	24	<0.01	25	<1	<10	<5	10	<0.01	<5	20	<5	5	310
105014	31.5	33	1.5	0.03	8	430	15	<0.01	10	<1	<10	<5	12	<0.01	<5	24	<5	5	416
286561	Standard B			0.13	31	500	9	0.04	<5	4	<10	<5	40	0.12	<5	56	<5	7	38
105016	33	34	1	0.03	7	430	24	<0.01	5	1	<10	<5	10	<0.01	<5	30	<5	5	196
105017	34	35.5	1.5	0.05	7	440	15	<0.01	5	2	<10	<5	20	<0.01	<5	34	<5	6	122
105018	35.5	37	1.5	0.03	7	450	15	<0.01	10	1	<10	<5	18	<0.01	<5	30	<5	6	148
105019	37	38.5	1.5	0.05	8	500	9	0.02	<5	2	<10	<5	22	<0.01	<5	46	<5	7	116
105020	38.5	39.9	1.4	0.04	9	520	15	0.05	<5	2	<10	<5	24	<0.01	<5	48	<5	7	88
105021	39.9	40.3	0.4	0.03	9	360	33	0.29	20	1	<10	<5	24	<0.01	5	28	<5	6	218
105022	40.3	40.8	0.5	0.04	9	440	24	0.06	<5	2	<10	<5	16	<0.01	<5	42	<5	6	156
105023	40.8	41.2	0.4	0.06	12	500	27	0.17	<5	2	<10	<5	26	<0.01	5	52	<5	9	186
105024	41.2	42	0.8	0.05	11	500	9	0.02	<5	2	<10	<5	24	<0.01	<5	62	<5	9	140
105025	42	43.5	1.5	0.03	12	490	18	<0.01	10	2	<10	<5	8	<0.01	<5	48	<5	8	326
105026	43.5	44	0.5	0.03	12	480	12	<0.01	5	2	<10	<5	10	<0.01	<5	46	<5	7	456
105027	44	45.5	1.5	0.03	11	520	9	<0.01	<5	3	<10	<5	12	<0.01	<5	72	<5	9	300
105028	45.5	47.5	2	0.04	11	500	9	<0.01	<5	3	<10	<5	18	0.01	<5	72	<5	9	166
105029	47.5	48.5	1	0.04	11	460	3	<0.01	<5	3	<10	<5	14	0.02	<5	60	<5	9	264

10-LCD-20																			
Sample No.	From (m)	To (m)	Interval (m)	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
286562	Standard A			0.13	27	540	<3	0.76	5	5	<10	<5	44	0.14	5	68	<5	6	66
105031	48.5	49.9	1.4	0.04	11	450	9	<0.01	<5	3	<10	<5	16	<0.01	<5	56	<5	10	164
105032	49.9	51	1.1	0.04	11	480	9	<0.01	<5	3	<10	<5	20	0.02	<5	70	<5	10	134
105033	51	52	1	0.03	11	450	9	<0.01	<5	2	<10	<5	18	<0.01	<5	54	<5	10	144
105034	52	53	1	0.03	11	430	12	<0.01	<5	2	<10	<5	12	<0.01	<5	44	<5	11	270
105035	53	54	1	0.03	11	400	9	<0.01	5	2	<10	<5	6	<0.01	<5	36	<5	9	242
105036	54	54.6	0.6	0.02	10	290	12	<0.01	15	1	<10	<5	6	<0.01	<5	34	<5	5	240
105037	54.6	55	0.4	0.02	13	500	12	<0.01	5	2	<10	<5	10	<0.01	<5	40	<5	10	272
105038	55	56.5	1.5	0.03	12	460	6	<0.01	<5	3	<10	<5	16	0.01	<5	54	<5	9	234
105039	56.5	58	1.5	0.04	12	490	6	<0.01	<5	3	<10	<5	14	<0.01	<5	58	<5	9	234
105040	58	59.5	1.5	0.04	12	500	6	<0.01	<5	3	<10	<5	16	0.01	<5	60	<5	9	274
286563	Standard C			0.13	26	550	15	1.59	20	4	<10	<5	42	0.13	5	66	<5	6	140
105041	59.5	60.4	0.9	0.04	13	520	6	<0.01	<5	3	<10	<5	18	0.02	<5	76	<5	10	208
105042	60.4	61	0.6	0.02	11	560	51	<0.01	10	2	<10	<5	20	<0.01	<5	62	<5	11	330
105043	61	62.1	1.1	0.03	12	510	9	<0.01	5	2	<10	<5	18	<0.01	<5	72	<5	8	242
105044	62.1	63.5	1.4	0.03	12	490	33	<0.01	10	2	<10	<5	14	<0.01	<5	52	<5	8	284
286564	Standard A			0.13	27	540	<3	0.77	5	5	<10	<5	44	0.14	<5	70	<5	6	66
105046	63.5	65	1.5	0.03	12	500	9	<0.01	10	2	<10	<5	16	<0.01	<5	62	<5	8	484
105047	65	66.5	1.5	0.03	12	470	9	<0.01	10	2	<10	<5	12	<0.01	<5	54	<5	8	1376
105048	66.5	67.4	0.9	0.03	15	510	6	<0.01	5	3	<10	<5	14	<0.01	<5	62	<5	10	2342
105049	67.4	69	1.6	0.04	12	420	6	<0.01	5	2	<10	<5	8	<0.01	<5	48	<5	8	958
105050	69	70	1	0.02	12	320	18	<0.01	15	1	<10	<5	6	<0.01	<5	34	<5	5	526
105051	70	71	1	0.02	13	520	18	<0.01	10	2	<10	<5	8	<0.01	<5	46	<5	8	656
105052	71	72.25	1.25	0.02	13	420	15	<0.01	10	1	<10	<5	6	<0.01	<5	38	<5	7	478
105053	72.25	73.5	1.25	0.02	11	490	15	<0.01	15	1	<10	<5	10	<0.01	<5	56	<5	8	794
105054	73.5	75	1.5	0.03	12	510	9	<0.01	5	2	<10	<5	10	<0.01	<5	66	<5	9	1440
105055	75	76.5	1.5	0.02	11	540	15	<0.01	10	2	<10	<5	12	<0.01	<5	66	<5	9	1370
105056	76.5	77.5	1	0.02	13	500	12	<0.01	10	2	<10	<5	10	<0.01	<5	54	<5	9	1036
105057	77.5	79.15	1.65	0.02	12	510	6	<0.01	15	1	<10	<5	6	<0.01	<5	40	<5	8	532
105058	79.15	79.85	0.7	0.01	9	210	12	<0.01	15	<1	<10	<5	4	<0.01	<5	16	<5	3	268
105059	79.85	81.5	1.65	0.02	12	420	33	<0.01	30	1	<10	<5	6	<0.01	<5	30	<5	6	536
286565	Standard B			0.11	31	480	6	0.04	<5	4	<10	<5	40	0.12	<5	60	<5	7	40

10-LCD-20																			
Sample No.	From (m)	To (m)	Interval (m)	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
105061	81.5	82.75	1.25	0.02	13	570	15	<0.01	25	2	<10	<5	8	<0.01	<5	48	<5	8	762
105062	82.75	84	1.25	0.02	12	370	45	<0.01	20	1	<10	<5	4	<0.01	<5	40	<5	7	578
103351	84	85	1	0.02	13	510	36	<0.01	20	2	<10	<5	6	<0.01	<5	52	<5	7	532
103352	85	86	1	0.03	14	460	24	<0.01	30	2	<10	<5	6	<0.01	<5	50	<5	8	604
103353	86	87	1	0.02	13	520	21	<0.01	30	1	<10	<5	6	<0.01	<5	62	<5	8	542
103354	87	88.4	1.4	0.03	12	840	36	<0.01	25	2	<10	<5	8	<0.01	<5	58	<5	9	716
103355	88.4	89.5	1.1	0.01	6	340	36	0.01	125	1	<10	<5	10	<0.01	<5	20	<5	6	842
103356	89.5	90.73	1.23	0.01	6	310	30	<0.01	100	<1	<10	<5	10	<0.01	<5	16	<5	7	416
103357	90.73	91.8	1.07	0.02	13	340	69	<0.01	75	1	<10	<5	8	<0.01	<5	38	<5	6	492
103358	91.8	93	1.2	0.03	13	360	36	<0.01	85	1	<10	<5	8	<0.01	5	36	<5	5	470
286566	Standard A			0.12	27	530	<3	0.75	5	5	<10	<5	42	0.14	<5	70	<5	6	70
103359	93	94	1	0.03	15	440	12	<0.01	45	2	<10	<5	10	<0.01	<5	48	<5	5	512
103360	94	95	1	0.03	14	420	15	<0.01	35	2	<10	<5	10	<0.01	<5	46	<5	6	330
103361	95	96	1	0.03	13	420	15	<0.01	50	1	<10	<5	10	<0.01	<5	40	<5	5	274
103362	96	97	1	0.03	12	500	18	<0.01	35	1	<10	<5	18	<0.01	<5	36	<5	6	284
103363	97	98	1	0.03	14	520	12	<0.01	15	2	<10	<5	24	<0.01	<5	56	<5	9	258
103364	98	99	1	0.03	12	410	12	<0.01	20	2	<10	<5	20	<0.01	<5	52	<5	8	238
103365	99	100.16	1.16	0.02	13	440	33	<0.01	40	2	<10	<5	18	<0.01	<5	48	<5	9	308
103366	100.16	101	0.84	0.03	11	460	21	<0.01	70	1	<10	<5	30	<0.01	<5	42	<5	8	328
103367	101	102	1	0.03	15	460	15	<0.01	65	2	<10	<5	26	<0.01	<5	54	<5	8	268
103368	102	103	1	0.03	12	490	9	0.04	30	2	<10	<5	20	<0.01	<5	46	<5	9	150
103369	103	103.86	0.86	0.03	11	490	9	0.08	10	2	<10	<5	28	<0.01	5	56	<5	9	178
103370	103.86	104.54	0.68	0.04	16	560	3	0.25	30	2	<10	<5	26	<0.01	10	46	<5	8	190
103371	104.54	105.3	0.76	0.04	17	700	9	0.13	25	3	<10	<5	38	<0.01	5	44	<5	11	236
103372	105.3	106	0.7	0.04	20	820	12	0.04	80	2	<10	<5	46	<0.01	10	56	<5	10	314
103373	106	107	1	0.04	21	710	6	0.09	10	3	<10	<5	50	<0.01	10	56	<5	11	288
103374	107	108	1	0.03	16	470	6	0.11	<5	2	<10	<5	34	<0.01	<5	40	<5	9	158
103375	108	108.7	0.7	0.03	10	430	<3	0.28	5	2	<10	<5	46	<0.01	<5	24	<5	9	106
103376	108.7	109.3	0.6	0.03	14	470	3	0.09	5	2	<10	<5	40	<0.01	5	44	<5	12	94
103377	109.3	110	0.7	0.03	17	610	3	0.22	<5	2	<10	<5	40	<0.01	10	40	<5	12	100
103378	110	111.46	1.46	0.03	20	700	6	0.02	<5	3	<10	<5	40	<0.01	5	58	<5	13	92
103379	111.46	113	1.54	0.04	15	670	3	<0.01	<5	3	<10	<5	30	<0.01	<5	66	<5	10	92

10-LCD-20																			
Sample No.	From (m)	To (m)	Interval (m)	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
103380	113	114	1	0.04	15	610	3	<0.01	<5	2	<10	<5	46	<0.01	5	62	<5	14	92
103381	114	115	1	0.05	17	620	3	0.03	<5	2	<10	<5	38	<0.01	<5	64	<5	11	88
103382	115	115.84	0.84	0.05	17	630	6	0.03	<5	2	<10	<5	32	<0.01	5	50	<5	10	104
103383	115.84	116.44	0.6	0.04	17	710	9	0.13	<5	3	<10	<5	46	<0.01	5	54	<5	13	116
103384	116.44	117.2	0.76	0.04	15	510	<3	0.75	<5	2	<10	<5	28	<0.01	5	38	<5	9	66
103385	117.2	117.8	0.6	0.04	17	650	<3	0.39	<5	3	<10	<5	38	<0.01	10	50	<5	12	78
103386	Standard C			0.12	26	540	18	1.58	20	5	<10	<5	42	0.14	5	70	<5	6	150
103387	Standard C			0.12	26	540	18	1.57	20	5	<10	<5	42	0.13	5	68	<5	6	148
103388	Standard B			0.11	31	480	6	0.04	<5	4	<10	<5	38	0.13	<5	62	<5	7	42
103389	Standard A			0.12	27	530	<3	0.74	5	5	<10	<5	42	0.14	5	72	<5	7	68
103390	117.8	118.5	0.7	0.04	20	790	9	<0.01	<5	4	<10	<5	62	0.01	10	58	<5	12	66
103391	118.5	119	0.5	0.04	22	810	9	<0.01	<5	5	<10	<5	66	<0.01	5	58	<5	12	54
103392	119	120	1	0.04	19	800	9	<0.01	<5	4	<10	<5	58	<0.01	10	62	<5	12	66
103393	120	121	1	0.04	16	590	3	0.15	<5	2	<10	<5	32	<0.01	10	42	<5	9	74
103394	121	122	1	0.12	16	640	18	0.08	<5	3	<10	<5	56	<0.01	10	48	<5	10	82
103395	122	122.65	0.65	0.04	11	610	9	0.12	15	3	<10	<5	58	<0.01	10	34	<5	12	104
103396	122.65	123.25	0.6	0.03	14	710	6	0.05	<5	2	<10	<5	54	<0.01	<5	70	<5	9	86
103397	123.25	124.5	1.25	0.04	12	590	15	0.14	15	2	<10	<5	42	<0.01	<5	44	<5	8	84
103398	124.5	126	1.5	0.04	11	570	9	0.06	5	3	<10	<5	60	<0.01	<5	48	<5	10	82
103399	126	126.48	0.48	0.03	15	590	6	<0.01	30	3	<10	<5	62	<0.01	<5	40	<5	9	108
103400	Standard C			0.12	27	550	18	1.60	20	5	<10	<5	42	0.13	<5	70	<5	6	152
103401	126.48	128	1.52	0.03	11	480	12	0.03	10	2	<10	<5	40	<0.01	<5	54	<5	10	76
103402	128	128.54	0.54	0.03	7	470	9	0.04	25	2	<10	<5	50	<0.01	<5	40	<5	11	52
103403	128.54	129.14	0.6	0.04	14	510	3	0.03	5	2	<10	<5	34	<0.01	<5	56	<5	9	100
103404	129.14	129.59	0.45	0.04	11	540	51	0.34	200	2	<10	<5	44	<0.01	5	36	<5	11	166
103405	129.59	130.19	0.6	0.03	12	810	6	0.04	5	3	<10	<5	66	<0.01	<5	54	<5	14	134
103406	130.19	131	0.81	0.03	11	720	<3	0.12	75	3	<10	<5	68	<0.01	<5	48	<5	12	130
103407	131	132	1	0.03	10	690	6	<0.01	<5	2	<10	<5	68	<0.01	<5	34	<5	11	96
103408	132	133.23	1.23	0.04	13	910	9	<0.01	<5	5	<10	<5	62	0.01	5	88	<5	11	104
103409	133.23	133.83	0.6	0.05	15	870	9	<0.01	<5	6	<10	<5	60	<0.01	5	100	<5	12	104
103410	133.83	134.43	0.6	0.05	16	870	9	<0.01	<5	5	<10	<5	72	<0.01	5	94	<5	12	104
103411	Standard A			0.12	27	530	<3	0.75	5	5	<10	<5	42	0.14	5	72	<5	7	70

10-LCD-20																			
Sample No.	From (m)	To (m)	Interval (m)	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
103412	134.43	135	0.57	0.04	16	900	9	0.01	<5	5	<10	<5	60	<0.01	5	102	<5	10	90
103413	135	136	1	0.04	15	940	9	<0.01	<5	5	<10	<5	66	<0.01	5	88	<5	13	80
103414	136	137	1	0.05	17	990	9	<0.01	<5	7	<10	<5	68	<0.01	5	108	<5	12	88
103415	137	138	1	0.04	16	920	6	<0.01	<5	5	<10	<5	94	<0.01	5	82	<5	14	112
103416	138	139	1	0.05	16	860	6	<0.01	<5	4	<10	<5	134	<0.01	5	64	<5	15	98
103417	139	140	1	0.06	28	990	6	<0.01	<5	7	<10	<5	78	<0.01	10	100	<5	12	142
103418	140	141	1	0.05	17	930	6	<0.01	<5	5	<10	<5	84	<0.01	5	100	<5	11	74
103419	141	142	1	0.05	19	1040	6	<0.01	<5	4	<10	<5	90	<0.01	5	78	<5	12	104
103420	142	143	1	0.05	19	990	6	<0.01	<5	6	<10	<5	96	<0.01	5	92	<5	13	104
103421	Standard B			0.11	31	490	6	0.04	<5	4	<10	<5	40	0.13	<5	62	<5	7	42
103422	143	144	1	0.04	18	820	6	<0.01	<5	5	<10	<5	80	<0.01	5	72	<5	10	84
103423	144	145	1	0.04	14	900	6	<0.01	<5	5	<10	<5	84	<0.01	<5	58	<5	11	90
103424	145	146	1	0.05	16	910	6	<0.01	<5	5	<10	<5	88	<0.01	<5	74	<5	11	72
103425	146	147	1	0.04	19	930	9	<0.01	<5	5	<10	<5	86	<0.01	5	74	<5	12	98
103426	147	148	1	0.04	16	810	9	<0.01	<5	4	<10	<5	90	<0.01	5	56	<5	13	106
103427	148	149	1	0.04	18	790	9	<0.01	<5	4	<10	<5	118	<0.01	<5	78	<5	15	84
103428	149	150	1	0.03	13	600	6	<0.01	<5	3	<10	<5	58	<0.01	<5	48	<5	10	76
103429	150	151	1	0.04	14	560	3	<0.01	<5	2	<10	<5	80	<0.01	<5	50	<5	10	60
103430	Standard C			0.12	26	540	18	1.59	20	5	<10	<5	44	0.14	5	70	<5	7	146
103431	151	152	1	0.03	12	580	6	<0.01	<5	3	<10	<5	72	<0.01	<5	62	<5	9	54
103432	152	153	1	0.04	14	600	6	<0.01	<5	3	<10	<5	50	<0.01	<5	62	<5	9	58
103433	153	154	1	0.04	14	660	9	<0.01	<5	3	<10	<5	78	<0.01	<5	56	<5	9	78
103434	154	155	1	0.03	13	500	6	0.02	<5	3	<10	<5	116	<0.01	<5	42	<5	12	78
103435	155	156	1	0.04	15	550	3	<0.01	<5	3	<10	<5	102	<0.01	<5	46	<5	8	70
103436	156	157	1	0.04	17	590	6	<0.01	<5	6	<10	<5	102	<0.01	<5	62	<5	12	48
103437	157	158	1	0.06	16	570	<3	<0.01	<5	5	<10	<5	104	<0.01	<5	54	<5	12	40
103438	158	159	1	0.05	15	480	6	<0.01	<5	4	<10	<5	106	<0.01	<5	56	<5	10	44
103439	159	160	1	0.06	17	520	3	0.03	<5	5	<10	<5	86	<0.01	<5	60	<5	9	74
103440	Standard A			0.12	27	560	<3	0.74	5	5	<10	<5	46	0.15	5	72	<5	7	68
103441	160	160.38	0.38	0.06	14	530	3	<0.01	<5	4	<10	<5	92	<0.01	<5	48	<5	10	40
103442	160.38	162	1.62	0.09	13	650	6	<0.01	<5	4	<10	<5	78	0.16	<5	74	<5	8	14
103443	162	163.5	1.5	0.08	10	600	<3	<0.01	<5	2	<10	<5	66	0.17	<5	52	<5	6	12

10-LCD-20																			
Sample No.	From (m)	To (m)	Interval (m)	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
103444	163.5	165	1.5	0.08	11	710	3	0.04	5	3	<10	<5	120	0.17	<5	66	<5	6	16
103445	165	166.5	1.5	0.09	7	640	3	<0.01	<5	2	<10	<5	98	0.18	<5	60	<5	6	8
103446	166.5	168	1.5	0.09	14	660	6	<0.01	<5	3	<10	<5	52	0.21	<5	102	<5	6	20
103447	168	169.5	1.5	0.09	9	710	6	0.04	<5	3	<10	<5	72	0.20	<5	92	<5	7	14
103448	169.5	171	1.5	0.09	12	650	6	<0.01	<5	3	<10	<5	68	0.19	<5	80	<5	6	14
103449	171	172.5	1.5	0.09	10	640	6	<0.01	<5	2	<10	<5	52	0.20	<5	82	<5	6	14
103450	Standard B			0.10	31	500	6	0.04	<5	4	<10	<5	40	0.13	<5	60	<5	7	40
103451	172.5	174	1.5	0.09	10	640	6	<0.01	<5	2	<10	<5	72	0.17	<5	68	<5	6	16
103452	174	175.5	1.5	0.08	15	640	6	<0.01	<5	2	<10	<5	60	0.21	<5	96	<5	6	20
103453	175.5	177	1.5	0.08	15	630	9	<0.01	<5	3	<10	<5	98	0.16	<5	60	<5	6	24
103454	177	178.5	1.5	0.08	15	640	6	<0.01	<5	3	<10	<5	66	0.19	<5	90	<5	6	24
103455	178.5	180.14	1.64	0.08	14	650	3	<0.01	<5	3	<10	<5	70	0.15	<5	68	<5	6	34
103456	Standard B			0.10	30	510	6	0.04	<5	4	<10	<5	42	0.13	<5	58	<5	7	38

Standard Check

Standard Symbol	Standard Type
A	CDN-CGS-22 0.725 ± 0.028 % Cu 0.64 ± 0.06 g/t Au
B	CDN-BL-7 <0.01 g/t Au, Pt, Pd
C	CDN-CGS-21 1.3 ± 0.084 % Cu 0.99 ± 0.09 g/t Au

10-LCD-19 Standard Check

Standard Check	**Pioneer Laboratories**										
Cu											
10-LCD-19		**Cu Standards**			**Cu Assays**		**Cu Checks**				
Sample No.	**Standard**	**Cu %**	**Cu High**	**Cu Low**	**Cu ppm**	**Cu %**	**less than high**	**greater than low**	**Change High**	**Change Low**	**% off standard**
101315	Standard A	0.725	0.753	0.697	7386	0.739	TRUE	TRUE			
101360	Standard A	0.725	0.753	0.697	7460	0.746	TRUE	TRUE			
101345	Standard B				35	0.004					
101375	Standard B				30	0.003					
101390	Standard B				29	0.003					
101330	Standard C	1.3	1.384	1.216	13850	1.385	FALSE	TRUE	0.0010		0.0723

%=ppm/10000

Standard Check	**Stewart Group - Eco Tech Labs**										
Cu											
DDH 10-19		**Cu Standards**			**Cu Assays**		**Cu Checks**				
Sample No.	**Standard**	**Cu %**	**Cu High**	**Cu Low**	**Cu ppm**	**Cu %**	**less than high**	**greater than low**	**Change High**	**Change Low**	**% off standard**
286551	Standard A	0.725	0.753	0.697	7276	0.728	TRUE	TRUE			
286554	Standard A	0.725	0.753	0.697	7266	0.727	TRUE	TRUE			
286558	Standard A	0.725	0.753	0.697	7208	0.721	TRUE	TRUE			
286559	Standard A	0.725	0.753	0.697	7216	0.722	TRUE	TRUE			
286553	Standard B				22	0.002					
286555	Standard B				24	0.002					
286556	Standard B				22	0.002					
286552	Standard C	1.3	1.384	1.216	>10000	1.32	TRUE	TRUE			
286557	Standard C	1.3	1.384	1.216	>10000	1.30	TRUE	TRUE			

%=ppm/10000

Standard Check	Pioneer Laboratories										
Au											
10-LCD-19		**Au Standards**			**Au Assays**		**Au Checks**				
Sample No.	**Standard**	**Au g/t**	**Au High**	**Au Low**	***Au ppb**	**Au g/t**	**less than high**	**greater than low**	**Change High**	**Change Low**	**% off standard**
101315	Standard A	0.64	0.7	0.58	655	0.655	TRUE	TRUE			
101360	Standard A	0.64	0.7	0.58	620	0.62	TRUE	TRUE			
101345	Standard B	<0.01			4	0.004					
101375	Standard B	<0.01			1	0.001					
101390	Standard B	<0.01			1	0.001					
101330	Standard C	0.99	1.08	0.9	1010	1.01	TRUE	TRUE			
						g/t=ppb/1000					

Standard Check		Stewart Group - Eco Tech Labs									
		Au									
DDH 10-19		**Au Standards**			**Au Assays**		**Au Checks**				
Sample No.	**Standard**	**Au g/t**	**Au High**	**Au Low**	***Au ppb**	**Au g/t**	**less than high**	**greater than low**	**Change High**	**Change Low**	**% off standard**
286551	Standard A	0.64	0.7	0.58	640	0.64	TRUE	TRUE			
286554	Standard A	0.64	0.7	0.58	635	0.635	TRUE	TRUE			
286558	Standard A	0.64	0.7	0.58	635	0.635	TRUE	TRUE			
286559	Standard A	0.64	0.7	0.58	640	0.64	TRUE	TRUE			
286553	Standard B	<0.01			<5	Tr					
286555	Standard B	<0.01			<5	Tr					
286556	Standard B	<0.01			5	0.005					
286552	Standard C	0.99	1.08	0.9	970	0.97	TRUE	TRUE			
286557	Standard C	0.99	1.08	0.9	980	0.98	TRUE	TRUE			
						g/t=ppb/1000					

APPENDIX IV – STATEMENT OF EXPENDITURES

Exploration Work type	Dates	Comment

Personnel Name (Position)	From	To	Field Days	Units		Rate		Subtotal
Terry Garrow, P.Geo (Geologist)	24-Oct-10	24-Nov-10		24	Days	$1,000.00	$	4,000.00
Tessa Scott (Geologist)	1-Nov-10	24-Nov-10		24	Days	$ 500.00	$	2,000.00
Core Cutter	1-Nov-10	30-Nov-10		20	Days	$ 200.00	$	4,000.00
Mike Sakawsky (General Manager)	24-Oct-10	24-Nov-10		18	Days	$ 400.00	$	7,200.00
							$	7,200.00

Office Studies	From	To	Office Days	Units				
Consultation								
Mike Sakawsky (General Manager)	24-Oct-10	24-Nov-10		8	Days	$ 300.00	$	2,400.00
Terry Garrow, P.Geo (Geologist)	24-Oct-10	1-Mar-11		1.0	Days	$1,000.00	$	1,000.00
Report preparation & Database compilation								
Terry Garrow P.Geo (Geologist)	1-Dec-10	23-Nov-11				ARIS Report	$	2,000.00
							$	5,400.00

Geochemical Analysis	Procedure	No.		Rate		Subtotal
Pioneer Laboratories	Au Analysis 20 gm	92	Samples	$ 8.50	$	782.00
	ICP Analysis	92	Samples	$ 8.50	$	782.00
	Core Sample Preparation	92	Samples	$ 6.95	$	639.40
Ecotech Laboratories	-10 Mesh Pulverize	299	Samples	$ 8.98	$	2,685.02

30g FA AA Finish	299	Samples	$ 13.71	$	4,099.29
ICPAES Aqua Regia Digestion	299	Samples	$ 7.56	$	2,260.44
Base Metal Assay by AA-Cu	9	Samples	$ 8.51	$	76.59
Standard	1	Units	$ 90.00	$	90.00
Rice Sacks	15	Units	$ 0.95	$	14.25
Assay Tag Books	8	Units	$ 7.00	$	56.00
Ties	1000	Units	$ 0.04	$	35.00
6ml 12" X 20" sample bags	400	Units	$ 0.27	$	108.00
				$	11,627.99

Drilling	**Description**	**No.**		**Rate**	**Subtotal**
Diamond Drilling	Super 38 longyear, hole 19, NQ Core	578.0	Feet	$ 62.00	$ 35,836.00
Diamond Drilling	Super 38 longyear, hole 20, NQ Core	593.0	Feet	$ 62.00	$ 36,766.00
Bulldozer	D4 Caterpillar and operator *(for mobilization of drill rig and reclamation)*	8.0	Hours	$ 150.00	$ 2,700.00
Freight for drilling rods		1.0		$ 775.00	$ 775.00
Drilling Mud		2.0		$ 216.00	$ 432.00
Water Truck - Hauling Water		1.0		$3,600.00	$ 3,600.00
					$ 80,109.00

Transportation	**From**	**To**	**No.**		**Rate**	**Subtotal**
Truck Rental						
Ford F-150 Crew*	24-Oct-10	24-Nov-10	1.00	Months	$3,300.00	$ 3,300.00
Ford F-150 Quad Cab*	24-Oct-10	24-Nov-10	1.00	Months	$3,300.00	$ 3,300.00
Ford F-150 Quad Cab*	24-Oct-10	24-Nov-10	1.00	Months	$3,300.00	$ 3,300.00
Ford F-150 Quad Cab*	24-Oct-10	24-Nov-10	1.00	Months	$3,300.00	$ 3,300.00
4000 Gallon Water Truck	24-Oct-10	24-Nov-10	1.00	Months	$11,000.00	$ 11,000.00
						$ 24,200.00

Accommodation & Food	**No.**		**Rate**	**Subtotal**

Hotel	24-Oct-10	24-Nov-10	48.00	Man Days	$ 100.00	**$ 4,800.00**
Hotel - Drill Crew	24-Oct-10	23-Nov-10	23.00	Days	$ 100.00	**$ 2,300.00**
Meals - Drill Crew	24-Oct-10	23-Nov-10	60.00	Man Days	$ 50.00	**$ 3,000.00**
Meals - Geological Staff	24-Oct-10	24-Nov-10	48.00	Man Days	$ 50.00	**$ 2,400.00**
						$ 12,500.00

Miscellaneous			**No.**	**Rate**	**Subtotal**
Core Shack Rental	1-Nov-10	1-Dec-10	1.00	$ 500.00	**$ 500.00**
					$ 500.00

TOTAL Expenditures **$181,536.99**

PIONEER LABORATORIES INC. **#103 - 2691 VISCOUNT WAY RICHMOND, BC CANADA V6V 2R5** **TELEPHONE (604) 231-8165**

G E O C H E M I C A L A N A L Y S I S C E R T I F I C A T E

LOGAN COPPER INC.

Multi-element ICP Analysis - 0.500 gram sample is digested with 3 ml of aqua regia, diluted to 10 ml with water. This leach is partial for B, Ba, Cr, Fe, Mg, Mn, Na, P, S, Sn, Ti and limited for Na, K and Al. *Au Analysis- 20 gram sample is digested with aqua regia, MIBK extracted, and is finished by AA or graphite furnace AA.

Project:
Sample Type: Cores

Analyst _____
Report No. 2102836
Date: **December 14, 2010**

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101001	.2	1.78	28	<5	51	<10	1.83	1	13	41	164	3.51	.06	1.00	386	1	.05	17	.12	22	.03	<2	<2	47	<10	.22	<5	137	39	1
101002	.2	2.06	88	<5	59	<10	2.43	1	14	36	58	3.23	.06	.97	366	1	.06	14	.11	14	.03	4	<2	70	<10	.22	<5	128	32	1
101003	5.4	1.39	25	<5	101	10	.80	3	11	42	13851	3.48	.14	.75	416	265	.09	30	.06	51	1.71	26	<2	37	<10	.12	<5	49	143	1005
101004	.2	1.83	68	<5	48	<10	2.33	1	11	29	226	3.16	.06	.75	274	1	.06	13	.12	12	.01	<2	<2	61	<10	.20	<5	122	24	25
101005	.2	1.39	5	<5	37	<10	1.74	1	12	36	146	3.32	.06	.91	298	1	.06	13	.13	17	.03	4	<2	45	<10	.21	<5	137	31	2
101006	.2	1.44	<5	<5	38	<10	2.00	1	11	33	99	3.03	.06	.76	277	1	.06	12	.12	12	.02	<2	<2	48	<10	.22	<5	115	22	1
101007	.2	1.31	<5	<5	153	<10	1.58	1	19	29	133	3.05	.06	.79	202	1	.05	13	.12	14	1.37	<2	<2	39	<10	.17	<5	91	23	2
101008	.3	1.56	<5	<5	80	<10	1.75	1	27	40	253	3.19	.06	.95	208	16	.05	14	.15	7	2.11	<2	<2	49	<10	.20	<5	75	23	3
101009	.2	.98	39	<5	157	<10	1.03	1	11	47	59	3.09	.10	.77	185	1	.06	14	.13	9	.04	12	<2	100	<10	.25	<5	123	29	1
101010	.2	1.61	13	<5	62	<10	1.77	1	12	28	58	3.26	.09	.95	283	1	.06	12	.12	16	.01	<2	<2	74	<10	.20	<5	130	31	3
101011	.2	1.29	<5	<5	65	<10	1.56	1	11	58	182	3.51	.07	.81	238	1	.06	17	.15	8	.07	11	<2	58	<10	.23	<5	146	23	1
101012	.3	1.61	23	<5	41	<10	1.89	1	11	43	69	2.68	.06	.80	247	1	.06	14	.11	8	.12	9	<2	43	<10	.21	<5	98	21	1
101013	2.3	.90	135	<5	41	<10	.48	2	17	30	4390	4.16	.58	.64	492	270	.04	24	.14	52	2.59	15	<2	29	<10	.12	<5	74	169	430
101014	.2	1.80	13	<5	52	<10	1.84	1	12	45	169	3.20	.07	.93	308	1	.05	18	.12	11	.01	<2	<2	63	<10	.26	<5	129	31	1
101015	.2	1.21	<5	<5	59	<10	1.18	1	9	34	108	2.83	.06	.87	313	1	.06	13	.13	13	.13	5	<2	50	<10	.21	<5	118	31	19
101016	.3	1.33	<5	<5	54	<10	2.03	<1	8	24	682	1.44	.06	.72	253	1	.06	9	.15	6	.40	<2	<2	47	<10	.19	<5	67	19	6
101017	.2	1.60	<5	<5	30	<10	2.60	1	14	28	884	2.41	.06	.98	407	1	.06	15	.16	18	.48	9	<2	42	<10	.15	<5	91	35	2
101018	.5	1.43	40	<5	41	<10	1.66	1	12	48	1554	3.80	.05	.97	342	1	.06	15	.15	8	.21	6	<2	43	<10	.16	<5	149	32	1
101019	.3	1.71	7	<5	80	<10	2.72	1	12	33	116	3.45	.07	1.01	484	2	.06	14	.16	17	.03	8	<2	56	<10	.18	<5	133	39	1
101020	.2	1.59	26	<5	35	<10	2.28	1	12	39	199	3.52	.06	.97	401	1	.06	16	.15	14	.05	4	<2	43	<10	.20	<5	141	29	15
101021	.3	1.58	13	<5	64	<10	1.94	1	12	30	152	2.98	.06	.95	324	1	.06	15	.14	15	.22	12	<2	76	<10	.17	<5	112	24	75
101022	.2	1.11	<5	<5	127	<10	.77	1	10	48	24	1.97	.11	.58	382	1	.08	33	.07	12	.05	<2	<2	34	<10	.26	<5	49	43	1
101023	.3	1.14	8	<5	32	<10	1.27	1	11	43	153	3.13	.05	.74	221	4	.06	14	.14	10	.09	<2	<2	32	<10	.21	<5	124	20	1
101024	.2	1.25	24	<5	60	<10	1.49	1	12	34	123	3.11	.06	.71	209	1	.07	13	.15	14	.20	<2	<2	40	<10	.22	<5	119	18	21
101025	.2	1.93	26	<5	77	<10	2.22	1	12	34	130	3.38	.06	.85	249	2	.07	13	.16	21	.02	8	<2	58	<10	.21	<5	134	22	5
101026	.3	1.39	6	<5	68	<10	1.48	1	12	42	112	3.37	.05	.78	203	1	.07	14	.14	15	.02	6	<2	41	<10	.20	<5	137	25	1
101027	.5	1.09	7	<5	52	<10	1.38	1	11	39	2697	2.89	.05	.60	172	1	.06	13	.16	10	.16	7	<2	37	<10	.17	<5	119	19	1
101028	.2	1.45	<5	<5	52	<10	1.78	1	11	33	130	2.97	.05	.73	203	1	.06	13	.17	15	.12	4	<2	40	<10	.19	<5	115	28	80
101029	.3	1.68	<5	<5	81	<10	2.24	1	9	26	152	2.51	.04	.67	183	1	.06	12	.16	14	.22	7	<2	51	<10	.13	<5	104	17	1
101030	.3	1.67	<5	<5	48	<10	1.91	1	11	31	113	3.20	.05	.82	215	2	.06	16	.18	18	.01	<2	<2	55	<10	.21	<5	128	19	7
101031	.2	1.24	15	<5	53	<10	1.41	1	10	36	84	3.24	.04	.71	198	1	.06	13	.17	9	.02	<2	<2	38	<10	.21	<5	138	28	6
101032	.2	1.39	<5	<5	78	<10	1.64	1	11	31	89	3.05	.06	.62	155	1	.06	13	.16	17	.01	<2	<2	41	<10	.22	<5	126	19	5
101033	.2	1.23	25	<5	56	<10	1.49	1	9	33	154	2.80	.05	.60	148	1	.06	11	.18	13	.04	10	<2	32	<10	.20	<5	119	18	18
101034	.2	1.09	<5	<5	128	<10	.75	1	10	48	24	1.89	.12	.56	377	1	.08	31	.08	16	.05	<2	<2	34	<10	.12	<5	49	48	1
101035	.3	1.45	<5	<5	189	<10	1.76	1	8	31	169	3.14	.05	.67	172	1	.06	12	.18	13	.03	6	<2	48	<10	.17	<5	129	21	5
101036	.2	1.14	18	<5	41	<10	1.46	1	9	36	160	2.91	.05	.71	228	1	.06	12	.16	16	.10	<2	<2	37	<10	.18	<5	122	23	3
101037	.2	1.82	33	<5	64	<10	1.95	1	8	32	657	2.65	.06	.85	232	1	.06	14	.17	16	.20	3	<2	48	<10	.15	<5	112	23	3
101038	.2	1.17	15	<5	47	<10	1.31	1	8	32	337	3.03	.05	.61	154	2	.06	11	.16	12	.09	<2	<2	35	<10	.18	<5	128	16	1
101039	.2	1.11	28	<5	37	<10	1.31	1	8	31	129	2.98	.05	.61	153	1	.06	12	.19	12	.09	<2	<2	31	<10	.16	<5	126	17	1
101040	.3	1.43	<5	<5	38	<10	1.53	1	11	34	172	3.22	.08	.78	219	1	.07	13	.17	13	.03	<2	<2	49	<10	.21	<5	153	26	1

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101041	.2	1.11	8	<5	95	<10	1.47	1	8	30	126	2.74	.06	.62	175	1	.07	11	.18	6	.06	5	<2	54	<10	.20	<5	125	20	2
101042	.2	2.03	<5	<5	33	<10	2.27	1	15	59	549	2.65	.05	1.70	433	1	.06	22	.22	20	.35	10	<2	47	<10	.18	<5	129	43	1
101043	.4	2.25	7	<5	14	<10	3.04	3	162	40	156	5.79	.03	1.33	305	9	.04	25	.13	16	6.47	7	<2	58	<10	.12	<5	86	41	2
101044	2.5	.95	138	<5	43	<10	.50	2	17	30	4364	4.11	.61	.65	515	268	.04	25	.19	56	2.76	11	<2	30	<10	.11	<5	81	169	420
101045	.4	1.01	6	<5	54	<10	1.04	2	11	54	95	3.75	.05	.80	252	1	.07	16	.18	10	.07	<2	<2	52	<10	.19	<5	158	26	1
101046	.2	1.20	6	<5	119	<10	1.60	1	17	33	1267	3.15	.05	.67	189	1	.06	17	.17	14	.86	4	<2	51	<10	.17	<5	112	19	1
101047	.2	1.55	<5	<5	78	<10	1.59	2	14	43	95	3.47	.05	.94	260	2	.06	15	.17	16	.34	4	<2	49	<10	.16	<5	135	24	2
101048	.3	1.42	5	<5	48	<10	1.47	2	13	51	138	3.81	.06	.86	282	1	.06	17	.18	10	.03	4	<2	52	<10	.19	<5	154	25	19
101049	.2	1.43	44	<5	41	<10	1.48	2	14	81	108	4.58	.06	1.07	304	1	.07	21	.20	11	.02	4	<2	43	<10	.22	<5	204	27	3
101050	.2	1.48	11	<5	62	<10	1.70	2	12	57	65	3.74	.10	1.03	272	1	.06	18	.21	13	.05	4	<2	46	<10	.25	<5	158	27	1
101051	.3	1.08	<5	<5	141	<10	1.20	1	11	39	79	3.07	.12	.69	166	1	.07	12	.18	11	.04	<2	<2	49	<10	.22	<5	131	24	1
101052	.2	1.58	<5	<5	40	<10	1.97	1	9	22	196	2.27	.05	.77	232	1	.06	10	.15	12	.09	<2	<2	61	<10	.13	<5	89	23	4
101053	.1	1.33	33	<5	31	<10	1.72	2	13	77	211	4.22	.05	.96	287	1	.06	20	.22	11	.04	9	<2	40	<10	.23	<5	187	29	1
101054	.2	1.72	6	<5	56	<10	1.90	1	45	32	55	3.18	.05	1.01	271	1	.05	17	.17	15	1.61	4	<2	55	<10	.17	<5	98	25	1
101055	.2	1.49	9	<5	105	<10	1.51	1	11	34	41	3.19	.07	.90	215	1	.06	14	.17	14	.22	9	<2	50	<10	.22	<5	117	18	1
101056	.3	1.76	13	<5	49	<10	2.23	1	9	21	109	2.29	.05	.92	274	1	.05	13	.13	8	.09	5	<2	62	<10	.10	<5	80	25	75
101057	.2	1.08	<5	<5	121	<10	.73	1	9	47	32	1.94	.12	.56	370	1	.08	32	.08	15	.06	<2	<2	33	<10	.16	<5	49	45	5
101058	.3	1.42	10	<5	19	<10	2.07	<1	9	15	49	1.50	.04	.63	200	1	.05	10	.08	15	.46	6	<2	55	<10	.08	<5	50	24	3
101059	.2	1.61	39	<5	26	<10	1.88	1	8	17	62	1.89	.04	.91	240	1	.05	12	.11	17	.13	3	<2	63	<10	.11	<5	73	20	1
101060	.2	1.67	22	<5	262	<10	1.83	1	14	32	223	3.36	.06	.97	295	2	.06	15	.18	15	.19	7	<2	83	<10	.23	<5	135	24	180
101061	.2	1.63	<5	<5	270	<10	1.76	1	13	38	214	3.33	.08	.95	269	1	.07	18	.17	14	.11	3	<2	71	<10	.24	<5	133	27	18
101062	.2	1.76	9	<5	370	<10	2.12	1	12	25	65	3.31	.08	1.00	318	3	.07	11	.18	12	.09	<2	<2	91	<10	.20	<5	129	28	7
101063	.2	1.61	<5	<5	570	<10	1.74	1	8	27	123	2.38	.07	.75	224	1	.06	13	.14	8	.03	5	<2	73	<10	.14	<5	99	25	12
101064	.2	1.52	<5	<5	62	<10	1.77	1	12	46	303	3.12	.10	1.04	275	1	.07	16	.15	10	.04	7	<2	65	<10	.21	<5	107	28	1
101065	2.3	.48	135	<5	42	<10	.47	1	16	35	4422	4.10	.59	.63	501	280	.04	23	.16	52	2.75	14	<2	28	<10	.11	<5	78	170	435
101066	.1	1.83	<5	<5	41	<10	2.85	1	11	26	46	2.05	.07	.78	264	1	.06	11	.14	16	.28	5	<2	69	<10	.16	<5	82	24	3
101067	.1	1.70	10	<5	37	<10	3.15	1	10	29	73	2.51	.08	.85	324	1	.07	16	.14	9	.03	5	<2	72	<10	.16	<5	96	33	10
101068	.2	1.55	6	<5	46	<10	1.78	1	8	36	42	2.78	.06	.75	192	1	.06	13	.17	11	.02	6	<2	62	<10	.19	<5	109	20	5
101069	.2	1.50	8	<5	61	<10	1.68	1	8	42	55	2.39	.08	.67	177	1	.07	13	.13	16	.04	4	<2	60	<10	.21	<5	95	18	14
101070	.2	1.25	<5	<5	45	<10	1.55	2	13	32	26	3.47	.06	.68	187	1	.06	13	.19	8	.11	9	<2	39	<10	.21	<5	142	19	5
101071	.2	1.21	<5	<5	246	<10	1.27	1	22	43	52	3.62	.09	.85	216	1	.07	16	.19	14	.30	6	<2	80	<10	.26	<5	137	26	3
101072	.2	1.16	<5	<5	88	<10	1.26	2	13	55	125	3.92	.09	.92	230	1	.06	17	.19	9	.03	<2	<2	72	<10	.27	<5	178	26	1
101073	.2	1.18	41	<5	66	<10	1.39	2	10	62	109	3.52	.08	.83	194	1	.06	17	.21	12	.01	7	<2	60	<10	.24	<5	141	27	2
101074	.2	1.11	<5	<5	121	<10	.75	<1	10	49	24	1.94	.11	.58	379	1	.08	34	.10	11	.05	<2	<2	34	<10	.12	<5	49	45	1
101075	.1	1.35	<5	<5	52	<10	1.48	2	13	44	108	4.04	.10	1.00	276	1	.07	18	.22	12	.03	7	<2	57	<10	.27	<5	175	32	1
101076	.2	1.66	<5	<5	104	<10	2.29	1	12	41	129	3.49	.11	.96	298	2	.07	18	.17	17	.03	3	<2	100	<10	.28	<5	140	30	1
101077	.1	1.33	20	<5	89	<10	1.57	2	12	43	88	3.43	.09	1.00	265	1	.07	18	.16	9	.01	3	<2	85	<10	.27	<5	138	32	1
101078	.2	1.28	<5	<5	98	<10	1.53	1	27	47	110	3.31	.09	.88	245	1	.07	18	.18	11	.45	6	<2	94	<10	.24	<5	124	31	3
101079	.2	1.25	10	<5	118	<10	1.42	1	12	48	87	3.36	.12	.88	207	1	.07	15	.17	15	.02	4	<2	79	<10	.27	<5	133	37	1
101080	.2	1.10	7	<5	91	<10	1.15	1	13	43	298	3.16	.14	.80	162	1	.07	16	.18	13	.06	4	<2	53	<10	.29	<5	128	23	1
101081	.2	1.00	18	<5	87	<10	1.20	1	12	48	274	3.15	.11	.73	152	1	.06	14	.19	12	.12	8	<2	52	<10	.24	<5	119	20	2
101082	.2	1.18	<5	<5	276	<10	1.36	1	11	40	128	3.10	.08	.74	179	1	.07	14	.17	6	.06	7	<2	102	<10	.22	<5	120	21	1
101083	2.3	.98	135	<5	41	<10	.50	1	17	32	4484	4.46	.62	.67	517	280	.04	23	.17	52	2.77	10	<2	30	<10	.12	<5	73	168	415
101084	.2	1.59	9	<5	110	<10	2.10	1	12	44	190	3.53	.10	1.01	252	1	.07	16	.18	15	.02	4	<2	132	<10	.22	<5	131	28	1
101085	.2	1.69	<5	<5	339	<10	1.84	1	11	42	93	3.58	.12	.87	211	1	.09	17	.17	10	.02	10	<2	139	<10	.23	<5	149	27	3
101086	.2	1.45	<5	<5	151	<10	1.52	1	13	45	194	3.47	.18	.94	218	1	.08	16	.17	13	.04	5	<2	108	<10	.32	<5	140	34	1
101087	.2	1.52	<5	<5	86	<10	2.09	2	11	76	305	3.44	.10	.92	239	4	.08	15	.16	11	.05	5	<2	103	<10	.23	<5	133	30	2
101088	.2	1.15	19	<5	85	<10	1.59	1	10	40	76	2.96	.13	.75	183	1	.07	13	.19	14	.03	8	<2	66	<10	.22	<5	126	34	1
101089	.3	1.40	9	<5	314	<10	1.84	1	12	40	157	3.31	.11	.97	239	1	.08	15	.20	13	.03	4	<2	151	<10	.21	<5	132	35	29
101090	.2	1.60	50	<5	477	<10	2.42	1	13	35	94	3.14	.12	1.11	336	1	.08	14	.18	18	.02	8	<2	247	<10	.17	<5	119	35	3

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101091	.2	1.29	21	<5	229	<10	1.42	1	12	41	283	3.22	.10	.86	211	1	.07	12	.18	10	.03	<2	<2	74	<10	.29	<5	122	24	1
101092	.2	1.64	<5	<5	53	<10	1.96	1	13	40	206	3.74	.08	.93	290	1	.07	15	.18	10	.06	8	<2	79	<10	.24	<5	147	28	3
101093	.2	1.15	<5	<5	135	<10	.79	1	10	50	39	2.03	.13	.59	386	2	.08	32	.08	15	.05	<2	<2	35	<10	.12	<5	51	48	1
101094	.1	1.89	23	<5	61	<10	1.95	2	16	44	207	3.97	.09	1.01	328	1	.08	16	.16	13	.11	10	<2	85	<10	.27	<5	157	30	1
101095	.2	1.52	15	<5	79	<10	2.22	1	12	42	122	3.45	.12	.93	322	1	.08	13	.17	12	.02	<2	<2	89	<10	.29	<5	137	30	2
101096	.2	2.35	52	<5	83	<10	2.69	2	15	37	223	3.57	.07	1.32	558	1	.06	17	.18	19	.02	10	<2	89	<10	.27	<5	132	48	1
101097	.2	1.66	18	<5	73	<10	1.86	1	13	39	89	3.56	.10	.95	326	1	.07	16	.18	13	.02	9	<2	57	<10	.32	<5	142	29	1
101098	.2	1.45	<5	<5	281	<10	1.53	1	13	48	244	3.42	.15	.86	229	1	.08	15	.18	8	.01	9	<2	121	<10	.33	<5	143	30	1
101099	.2	1.05	21	<5	99	<10	1.06	1	11	46	333	3.17	.15	.77	192	1	.07	12	.20	9	.04	4	<2	41	<10	.32	<5	132	25	2
101100	.2	.87	7	<5	203	<10	1.06	1	9	49	178	2.85	.08	.59	217	1	.07	9	.17	6	.03	<2	<2	33	<10	.21	<5	117	25	1
101101	.2	1.12	<5	<5	41	<10	1.66	2	15	50	369	4.27	.10	1.01	385	1	.07	16	.30	11	.05	7	<2	54	<10	.25	<5	183	44	1
101102	.2	1.80	28	<5	26	<10	2.20	1	20	38	942	3.42	.08	1.65	866	1	.06	20	.19	14	.12	15	<2	83	<10	.24	<5	126	67	1
101103	2.4	.95	132	<5	40	<10	.50	1	18	32	4449	4.27	.64	.67	519	269	.04	23	.19	52	2.77	15	<2	30	<10	.12	<5	82	168	420
101104	.2	1.63	24	<5	26	<10	1.88	1	16	46	907	3.25	.07	1.55	827	1	.06	17	.20	15	.11	<2	<2	96	<10	.21	<5	119	60	1
101105	.1	1.63	21	<5	14	<10	2.13	1	18	49	2253	3.08	.07	1.86	1113	1	.05	22	.19	28	.26	8	<2	79	<10	.26	<5	111	100	2
101106	5.5	1.45	<5	<5	29	10	3.57	4	82	56	18233	5.66	.14	1.28	1161	2	.04	23	.13	84	4.54	38	<2	129	<10	.13	<5	80	174	1
101107	.1	1.93	29	<5	16	<10	5.44	2	21	32	171	4.19	.17	1.97	2034	1	.05	24	.17	20	.02	7	<2	65	<10	.03	<5	126	163	1
101108	.2	2.08	<5	<5	21	<10	4.79	1	20	38	290	3.49	.20	2.08	1995	1	.05	22	.16	23	.01	15	<2	70	<10	.04	<5	90	193	2
101109	.1	2.09	<5	<5	37	<10	3.18	2	27	30	445	4.47	.16	2.28	1679	1	.05	25	.17	28	.02	3	<2	53	<10	.05	<5	119	166	1
101110	.2	1.55	<5	<5	705	<10	1.97	2	19	29	137	3.94	.08	1.65	1107	1	.06	21	.18	10	.01	6	<2	59	<10	.18	<5	122	75	1
101111	.2	1.74	<5	<5	95	<10	2.59	1	21	31	122	3.92	.08	1.93	1390	1	.05	21	.17	20	.02	3	<2	62	<10	.21	<5	116	101	1
101112	.2	1.71	10	<5	28	<10	2.47	2	22	35	418	4.11	.09	1.91	1350	1	.05	21	.18	22	.04	4	<2	52	<10	.23	<5	126	107	10
101113	.1	1.49	21	<5	177	<10	2.96	1	18	27	113	3.88	.07	1.62	996	2	.05	21	.21	23	.03	6	<2	70	<10	.16	<5	142	92	9
101114	.2	1.03	<5	<5	124	<10	.68	1	10	48	25	1.86	.11	.56	372	1	.08	32	.08	16	.04	<2	<2	31	<10	.19	<5	44	40	1
101115	.2	1.49	14	<5	31	<10	1.83	1	20	53	294	3.32	.10	1.65	1058	1	.05	27	.15	21	.02	4	<2	48	<10	.18	<5	96	81	3
101116	.2	1.72	20	<5	20	<10	1.82	1	22	40	212	3.47	.08	1.88	1269	1	.05	21	.16	18	.04	3	<2	59	<10	.14	<5	93	96	1
101117	.2	1.29	8	<5	94	<10	1.91	1	17	25	110	3.34	.08	1.36	944	1	.05	16	.17	16	.02	4	<2	54	<10	.13	<5	108	76	1
101118	.1	1.10	<5	<5	40	<10	7.10	1	16	15	451	3.38	.27	1.43	2296	21	.05	18	.18	13	.02	8	<2	148	<10	.03	<5	61	68	1
101119	.3	2.11	7	<5	17	<10	3.04	1	24	27	204	3.94	.13	1.94	1337	1	.05	21	.19	22	.02	<2	<2	110	<10	.04	<5	101	108	1
101120	.2	1.28	<5	<5	17	14	4.84	1	21	22	90	3.25	.18	.93	1159	1	.05	21	.16	15	.02	6	<2	123	<10	.04	<5	78	126	5
101121	.2	1.87	<5	<5	16	<10	3.52	2	22	50	160	4.69	.12	1.85	1385	1	.05	29	.17	23	.03	3	<2	86	<10	.03	<5	151	123	3
101122	.2	1.63	34	<5	71	<10	2.29	1	15	26	91	3.47	.09	1.32	768	1	.06	17	.15	17	.01	3	<2	83	<10	.18	<5	115	49	5
101123	5.7	1.37	28	<5	90	10	.73	3	10	43	13826	3.53	.15	.73	402	245	.08	28	.09	46	1.73	17	<2	35	<10	.13	<5	54	145	945
101124	.1	1.73	8	<5	158	<10	2.26	1	16	29	85	3.66	.09	1.43	779	1	.07	17	.17	17	.03	3	<2	86	<10	.22	<5	131	52	7
101125	.2	1.54	<5	<5	89	<10	2.32	1	17	30	91	3.57	.11	1.54	915	1	.06	18	.17	18	.04	<2	<2	63	<10	.13	<5	119	70	2
101126	.2	1.50	<5	<5	88	<10	2.26	1	15	28	91	3.36	.10	1.50	897	1	.06	17	.17	16	.03	<2	<2	61	<10	.12	<5	109	73	2
101127	.8	1.68	<5	<5	30	<10	2.39	1	17	29	122	3.86	.10	1.66	921	1	.06	20	.16	18	.04	8	<2	72	<10	.18	<5	129	60	2
101128	.2	1.50	<5	<5	54	<10	2.05	1	15	30	180	3.41	.11	1.48	784	1	.07	18	.16	21	.06	8	<2	60	<10	.25	<5	127	55	1
101129	2.5	.39	10	<5	10	17	1.04	4	562	41	768	12.68	.05	.32	186	102	.04	35	.13	28	15.83	11	<2	20	<10	.06	<5	37	26	3
101130	.2	2.09	9	<5	134	<10	3.07	1	18	31	303	3.90	.09	1.88	1097	1	.06	20	.16	28	.06	3	<2	82	<10	.21	<5	134	84	260
101131	.2	1.26	<5	<5	246	<10	1.30	1	13	31	47	3.53	.08	1.14	521	1	.06	15	.16	14	.03	<2	<2	56	<10	.21	<5	133	40	1
101132	.1	1.81	20	<5	326	<10	2.34	1	13	27	137	3.53	.06	1.42	740	1	.07	14	.16	14	.02	4	<2	90	<10	.21	<5	130	57	1
101133	.1	1.63	<5	<5	746	<10	2.59	1	16	29	51	3.75	.07	1.40	969	1	.07	16	.17	14	.01	5	<2	87	<10	.23	<5	143	60	12
101134	2.3	.98	141	<5	41	<10	.49	2	18	31	4505	4.20	.63	.65	519	261	.04	25	.16	52	2.58	10	<2	29	<10	.11	<5	70	170	430
101135	.1	1.73	<5	<5	766	<10	2.38	1	17	28	72	3.83	.08	1.64	1249	1	.07	18	.15	14	.03	2	<2	92	<10	.18	<5	136	66	7
101136	.2	1.86	<5	<5	129	<10	1.95	2	20	31	118	3.99	.09	1.91	1013	1	.07	22	.16	28	.03	4	<2	97	<10	.06	<5	113	86	35
101137	.1	1.17	17	<5	15	<10	5.03	2	46	23	766	3.67	.11	1.92	1392	1	.05	20	.17	25	.72	5	<2	100	<10	.05	<5	83	151	5
101138	.1	.93	<5	<5	336	<10	4.90	2	22	23	364	4.02	.23	1.20	1553	2	.05	19	.18	26	.09	5	<2	124	<10	.04	<5	85	169	1
101139	.2	.49	<5	<5	15	<10	3.89	1	14	28	12	3.07	.24	1.14	1389	1	.04	13	.14	19	.02	6	<2	97	<10	.04	<5	70	151	3
101140	.2	.64	23	<5	22	<10	4.04	1	17	32	227	2.86	.24	.94	1330	1	.04	14	.17	17	.01	2	<2	93	<10	.03	<5	58	159	1

ELEMENT / SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101141	.2	.79	15	<5	1231	<10	4.23	2	21	18	343	3.43	.26	1.27	1857	1	.05	18	.18	17	.05	5	<2	102	<10	.04	<5	67	185	1
101142	.2	.59	31	<5	868	<10	4.23	2	18	20	393	3.17	.26	1.43	2023	1	.05	15	.17	17	.06	7	<2	92	<10	.04	<5	65	144	4
101143	.1	1.14	9	<5	1122	<10	5.07	2	23	24	104	4.07	.24	1.32	1880	1	.06	19	.20	16	.02	3	<2	124	<10	.04	<5	84	131	2
101144	.2	1.17	<5	<5	143	<10	.75	1	11	51	28	2.07	.11	.62	411	1	.08	36	.08	11	.05	<5	<2	35	<10	.15	<5	47	48	1
101145	.2	1.17	11	<5	63	<10	4.38	2	19	15	111	3.43	.20	1.41	1698	1	.05	19	.20	14	.02	9	<2	102	<10	.05	<5	75	161	1
101146	.2	.50	<5	<5	155	<10	5.79	1	16	13	101	2.88	.15	1.91	1922	1	.04	14	.17	13	.03	2	<2	121	<10	.03	<5	58	116	1
101147	.2	1.74	<5	<5	186	<10	4.54	1	23	17	826	3.50	.19	1.62	1661	1	.05	22	.18	16	.13	5	<2	89	<10	.04	<5	87	138	2
101148	.5	1.38	<5	<5	141	<10	7.98	2	23	23	337	3.22	.22	1.25	2244	2	.05	21	.14	13	.20	5	<2	113	<10	.05	<5	70	106	1
101149	.2	1.62	<5	<5	924	<10	2.39	1	22	31	335	3.73	.12	1.77	1053	1	.06	23	.16	17	.01	5	<2	89	<10	.05	<5	112	66	1
101150	.2	1.36	<5	<5	114	<10	3.48	1	19	31	185	3.56	.16	1.54	1282	1	.06	21	.16	20	.03	6	<2	70	<10	.05	<5	111	71	1
101151	.3	1.31	<5	<5	177	<10	5.19	1	21	23	296	3.36	.20	1.77	2270	1	.05	21	.16	15	.03	<2	<2	109	<10	.03	<5	74	178	2
101152	.2	2.10	<5	<5	115	<10	5.37	2	29	22	144	5.01	.22	1.91	3008	1	.05	25	.13	22	.03	6	<2	111	<10	.04	<5	59	264	4
101153	.2	1.05	<5	<5	144	<10	.65	<1	10	48	28	2.03	.10	.59	390	1	.08	34	.09	13	.04	<2	<2	31	<10	.17	<5	40	44	6
101154	.3	.84	<5	<5	40	<10	6.31	1	15	29	13	2.79	.34	.63	3418	2	.04	14	.11	11	.02	7	<2	109	<10	.03	<5	38	160	43
101155	.2	1.95	7	<5	74	<10	4.42	2	22	39	130	3.81	.25	1.93	2539	2	.05	19	.16	22	.04	4	<2	116	<10	.04	<5	84	157	1
101156	.2	1.64	<5	<5	133	<10	7.74	2	17	16	69	3.51	.31	1.21	2540	1	.05	12	.17	21	.03	6	<2	107	<10	.06	<5	68	117	1
101157	.2	1.67	20	<5	1282	<10	8.05	1	18	21	116	3.44	.30	1.35	2348	1	.05	15	.15	20	.03	8	<2	132	<10	.05	<5	80	94	1
101158	.2	1.99	<5	<5	119	<10	4.07	1	22	30	62	3.55	.15	2.09	1562	1	.05	22	.18	15	.04	11	<2	81	<10	.04	<5	85	96	1
101159	.2	1.69	<5	<5	89	<10	7.19	1	18	20	109	3.40	.26	1.53	2397	1	.04	14	.18	14	.04	7	<2	86	<10	.04	<5	74	126	25
101160	.2	2.25	26	<5	26	<10	4.30	2	25	30	77	3.72	.25	2.15	1810	1	.04	21	.19	21	.02	3	<2	80	<10	.04	<5	65	153	1
101161	.3	1.33	22	<5	16	<10	2.88	<1	16	41	15	2.14	.12	1.21	1089	1	.03	12	.10	15	.01	5	<2	94	<10	.06	<5	37	71	1
101162	.2	1.49	11	<5	19	<10	2.86	<1	18	45	9	2.33	.14	1.39	1114	1	.03	19	.13	14	.04	6	<2	103	<10	.06	<5	41	83	1
101163	.3	1.78	11	<5	33	<10	4.66	1	22	35	344	3.24	.25	1.48	1347	1	.04	21	.17	19	.03	5	<2	105	<10	.04	<5	51	118	1
101164	5.3	1.28	25	<5	47	17	.83	3	10	40	13051	3.27	.14	.69	380	228	.08	26	.09	50	1.76	25	<2	34	<10	.15	<5	53	141	995
101165	.2	2.01	<5	<5	104	<10	4.03	1	130	22	755	4.06	.15	2.35	1362	1	.06	32	.23	22	1.00	3	<2	82	<10	.13	<5	110	79	5
101166	.2	1.82	<5	<5	87	<10	3.28	2	383	24	2963	4.24	.12	2.31	1250	1	.06	34	.20	43	1.89	3	<2	75	<10	.23	<5	94	130	1
101167	8.5	1.55	52	<5	30	<10	7.23	6	265	21	3110	4.28	.12	1.82	1865	1	.05	34	.19	478	2.24	104	<2	79	<10	.14	<5	85	220	1
101168	.3	1.12	<5	<5	30	<10	1.44	1	51	22	557	2.93	.09	1.35	613	2	.06	15	.22	17	.38	6	<2	51	<10	.20	<5	84	46	1
101169	.3	1.27	16	<5	64	<10	1.52	1	22	27	525	3.38	.09	1.53	672	1	.06	14	.22	17	.16	3	<2	68	<10	.19	<5	99	40	1
101170	.3	1.17	6	<5	22	<10	1.74	1	17	21	913	2.65	.08	1.46	682	1	.05	14	.20	22	.17	3	<2	59	<10	.15	<5	74	55	3
101171	.7	1.13	27	<5	16	<10	1.58	2	150	21	3605	6.61	.07	1.49	658	3	.05	28	.18	25	5.62	9	<2	49	<10	.14	<5	61	64	2
101172	.2	1.17	<5	<5	409	<10	1.79	1	14	21	400	3.00	.08	1.32	607	1	.06	13	.18	20	.10	6	<2	66	<10	.17	<5	93	36	2
101173	.2	1.58	<5	<5	29	<10	2.62	1	21	25	749	3.87	.07	1.92	1335	3	.05	18	.22	20	.11	3	<2	60	<10	.16	<5	118	123	1
101174	.2	2.22	14	<5	10	<10	3.55	1	27	29	816	3.26	.06	2.67	1937	2	.04	24	.20	27	.28	6	<2	99	<10	.15	<5	69	188	12
101175	.2	2.33	8	<5	66	<10	5.88	2	27	27	882	4.53	.16	2.39	2044	1	.05	25	.20	36	.47	8	<2	96	<10	.07	<5	98	221	4
101176	.3	1.60	<5	<5	52	<10	3.50	2	25	25	1269	3.82	.08	1.72	1254	3	.06	17	.17	27	.63	5	<2	121	<10	.17	<5	103	99	1
101177	2.3	1.00	136	<5	47	<10	.54	2	19	32	4787	4.55	.64	.72	564	282	.04	27	.15	53	2.49	10	<2	32	<10	.12	<5	75	170	425
101178	.2	2.11	<5	<5	20	<10	3.89	1	23	23	445	4.04	.08	2.39	1716	1	.06	25	.20	27	.04	7	<2	122	<10	.12	<5	111	113	1
101179	.2	1.77	17	<5	166	<10	2.76	1	21	21	365	3.79	.08	2.07	1285	1	.06	20	.19	14	.02	4	<2	66	<10	.11	<5	105	94	2
101180	.2	1.26	<5	<5	64	<10	2.77	1	26	25	669	3.36	.08	1.51	1136	1	.05	19	.17	21	.41	5	<2	56	<10	.17	<5	93	92	1
101181	.2	1.45	23	<5	61	<10	7.83	1	17	24	1205	2.81	.16	1.39	2516	2	.04	23	.20	19	.18	6	<2	72	<10	.15	<5	76	286	33
101182	.2	1.70	5	<5	33	<10	7.21	1	22	26	1536	3.55	.19	1.60	2613	4	.04	28	.17	27	.26	6	<2	67	<10	.21	<5	98	383	15
101183	.2	1.59	6	<5	110	<10	4.03	2	19	34	625	4.19	.11	1.79	1633	1	.05	24	.20	37	.07	13	<2	66	<10	.19	<5	126	157	7
101184	.2	1.08	25	<5	89	<10	2.82	1	15	39	127	3.33	.10	1.20	1040	1	.05	16	.16	21	.01	10	<2	62	<10	.18	<5	108	94	4
101185	.2	1.06	<5	<5	121	<10	.72	<1	10	49	24	1.88	.11	.56	370	1	.08	35	.07	12	.04	<2	<2	32	<10	.13	<5	42	49	3
101186	.3	1.21	7	<5	29	<10	2.43	1	16	28	161	3.33	.09	1.31	860	1	.05	17	.17	19	.02	15	<2	68	<10	.20	<5	106	74	2
101187	.2	1.15	8	<5	58	<10	2.21	1	15	26	273	3.20	.07	1.19	692	2	.05	15	.18	11	.01	12	<2	45	<10	.19	<5	100	61	7
101188	.3	1.14	10	<5	30	<10	2.11	1	15	27	151	3.06	.09	1.17	795	1	.05	17	.20	14	.03	12	<2	45	<10	.21	<5	94	79	3
101189	.3	1.11	9	<5	109	<10	1.29	1	12	33	156	2.92	.08	.99	449	1	.06	12	.18	11	.02	10	<2	41	<10	.18	<5	93	36	14
101190	.1	.97	21	<5	42	<10	2.96	5	19	22	5415	2.20	.08	1.06	982	1	.06	17	.18	59	1.00	6	<2	51	<10	.11	<5	88	598	13

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101191	.1	.78	<5	<5	22	<10	1.31	1	14	31	137	1.97	.10	.87	606	1	.06	14	.19	15	.01	6	<2	39	<10	.13	<5	106	59	11
101192	.1	.74	<5	<5	26	<10	1.33	1	12	20	98	1.83	.08	.69	474	1	.06	11	.20	7	.02	4	<2	33	<10	.10	<5	98	41	2
101193	.2	.88	<5	<5	18	<10	2.03	<1	16	22	389	1.85	.07	.88	718	2	.06	12	.20	14	.13	3	<2	44	<10	.13	<5	96	69	1
101194	2.5	.94	138	<5	42	<10	.42	1	18	30	4512	4.41	.62	.51	528	268	.05	24	.19	52	2.43	13	<2	52	<10	.09	<5	71	170	420
101195	.1	.96	<5	<5	29	<10	1.87	1	15	22	104	2.05	.08	.92	737	1	.06	12	.18	17	.03	7	<2	47	<10	.12	<5	108	63	22
101196	.2	1.33	<5	<5	113	<10	3.97	1	21	26	114	2.24	.08	1.51	1494	2	.06	18	.17	17	.05	6	<2	62	<10	.12	<5	109	154	1
101197	.1	1.26	<5	<5	36	<10	3.41	1	20	22	219	2.30	.10	1.45	1443	1	.06	15	.20	23	.05	7	<2	55	<10	.12	<5	114	144	1
101198	.2	1.19	<5	<5	51	<10	2.68	1	21	20	227	2.33	.10	1.53	1480	1	.05	17	.19	16	.04	4	<2	43	<10	.11	<5	110	159	2
101199	.2	1.12	<5	<5	20	<10	2.12	1	18	23	189	2.22	.08	1.30	1121	1	.06	14	.19	16	.02	8	<2	37	<10	.14	<5	109	114	1
101200	.1	1.29	<5	<5	245	<10	4.02	1	19	21	700	2.01	.09	1.68	1336	2	.05	18	.20	19	.18	6	<2	57	<10	.08	<5	102	133	1
101201	.1	1.12	14	<5	30	<10	2.07	1	13	20	396	2.02	.09	1.11	641	1	.06	12	.19	17	.08	6	<2	46	<10	.13	<5	107	44	1
101202	.1	1.06	<5	<5	159	<10	1.81	1	12	21	190	1.93	.07	.88	505	1	.06	12	.18	11	.02	8	<2	51	<10	.11	<5	103	38	12
101203	.1	1.10	7	<5	56	<10	2.66	1	18	23	302	2.14	.08	1.32	975	1	.06	15	.18	17	.09	5	<2	47	<10	.11	<5	108	91	2
101204	.2	.98	<5	<5	130	<10	.72	<1	9	43	23	1.99	.11	.50	380	1	.08	32	.07	16	.04	<2	<2	30	<10	.18	<5	46	47	1
101205	.1	2.02	31	<5	16	<10	4.49	<1	26	26	483	3.49	.08	2.18	1503	1	.05	26	.19	29	.35	10	<2	66	<10	.15	<5	131	162	3
101206	.1	1.56	52	<5	18	<10	3.38	<1	16	25	239	3.51	.07	1.56	1009	7	.05	19	.19	18	.11	8	<2	58	<10	.13	<5	133	80	1
101207	.2	.97	25	<5	93	<10	2.03	<1	12	24	393	2.88	.07	1.08	737	1	.05	15	.15	28	.05	6	<2	40	<10	.11	<5	117	66	1
101208	.1	1.30	29	<5	56	<10	2.31	<1	16	22	369	3.20	.08	1.48	1028	3	.04	19	.19	16	.04	6	<2	42	<10	.09	<5	115	103	2
101209	.2	1.30	<5	<5	12	<10	3.07	<1	17	21	1240	2.94	.07	1.46	1062	21	.04	20	.19	18	.28	4	<2	45	<10	.10	<5	112	119	1
101210	.6	1.95	30	<5	10	<10	4.59	<1	31	23	1924	3.58	.08	2.26	1823	7	.04	27	.23	27	.81	8	<2	68	<10	.04	<5	121	258	1
101211	.3	1.18	7	<5	24	<10	1.83	<1	11	17	885	2.38	.07	.99	522	1	.05	14	.21	13	.15	10	<2	62	<10	.10	<5	102	38	15
101212	.2	1.08	<5	<5	221	<10	1.90	<1	11	26	1609	2.24	.05	.96	493	1	.05	16	.20	11	.35	6	<2	55	<10	.11	<5	89	33	1
101213	2.3	.85	132	<5	42	<10	.52	1	16	31	4460	4.40	.58	.63	516	267	.04	24	.21	56	2.66	14	<2	30	<10	.11	<5	74	170	440
101214	.2	1.21	<5	<5	42	<10	2.28	<1	13	35	163	2.67	.07	1.29	815	2	.05	18	.25	19	.04	6	<2	69	<10	.12	<5	105	69	2
101215	.5	.90	15	<5	42	<10	1.28	<1	12	35	388	3.03	.08	.79	360	50	.06	14	.19	14	.07	4	<2	45	<10	.12	<5	132	27	1
101216	.1	1.20	9	<5	49	<10	2.32	<1	16	26	183	3.19	.08	1.30	769	1	.05	19	.22	20	.04	6	<2	58	<10	.12	<5	131	72	2
101217	.1	1.17	20	<5	21	<10	2.20	<1	15	25	110	3.60	.07	1.19	608	1	.05	17	.26	20	.12	14	<2	50	<10	.21	<5	159	52	1
101218	.1	1.17	<5	<5	29	<10	1.70	<1	14	26	105	3.23	.09	.98	452	5	.05	13	.26	16	.10	8	<2	52	<10	.18	<5	144	40	1
101219	.3	1.38	8	<5	24	<10	2.17	<1	16	37	235	3.74	.10	1.45	1147	1	.06	18	.25	18	.06	6	<2	48	<10	.26	<5	150	97	2
101220	.1	1.17	<5	<5	32	<10	1.74	1	13	29	244	3.38	.08	1.06	568	3	.05	17	.26	16	.06	<2	<2	64	<10	.16	<5	150	44	1
101221	.1	1.55	34	<5	195	<10	2.50	<1	17	47	142	3.78	.08	1.72	1073	1	.05	24	.28	18	.02	<2	<2	85	<10	.17	<5	159	101	2
101222	.1	1.20	23	<5	23	<10	1.89	1	15	39	88	3.84	.08	1.28	652	2	.06	18	.26	14	.02	17	<2	59	<10	.24	<5	176	47	1
101223	5.2	1.48	23	<5	103	<10	.88	3	11	47	13250	3.56	.17	.78	427	250	.09	30	.11	50	1.99	28	<2	40	<10	.15	<5	58	147	980
101224	.1	1.46	55	<5	21	<10	2.48	1	17	26	251	4.23	.09	1.39	933	1	.05	19	.28	26	.02	20	<2	65	<10	.23	<5	188	79	12
101225	.1	1.48	38	<5	15	<10	8.15	<1	15	27	189	2.71	.10	1.48	1787	150	.03	18	.25	19	.04	16	<2	74	<10	.07	<5	100	160	1
101226	.2	2.14	<5	<5	34	<10	5.20	1	18	24	340	3.99	.20	1.66	1863	2	.04	26	.34	35	.04	12	<2	99	<10	.09	<5	157	215	1
101227	.1	1.53	18	<5	48	<10	2.28	<1	11	23	335	3.08	.08	1.07	638	10	.05	15	.34	18	.05	21	<2	90	<10	.14	<5	145	36	1
101228	.2	.92	28	<5	39	<10	1.60	<1	10	27	452	3.27	.08	.96	471	1	.05	15	.33	12	.06	7	<2	58	<10	.19	<5	163	29	12
101229	.1	1.24	33	<5	51	<10	2.47	<1	17	35	752	3.35	.11	1.41	901	1	.05	18	.32	19	.25	<2	<2	79	<10	.18	<5	152	58	7
101230	.1	1.27	<5	<5	29	<10	2.65	<1	16	21	223	3.45	.10	1.54	1174	1	.05	16	.38	20	.03	19	<2	52	<10	.14	<5	139	88	6
101231	.2	1.44	<5	<5	200	<10	2.86	1	17	45	168	4.04	.09	1.78	1373	1	.05	26	.32	16	.02	13	<2	55	<10	.14	<5	173	95	3
101232	.1	1.02	<5	<5	226	<10	2.22	<1	12	25	64	3.30	.13	1.12	823	1	.05	14	.46	14	.02	12	<2	52	<10	.11	<5	142	51	1
101233	.2	1.17	<5	<5	129	<10	.72	<1	10	48	28	1.99	.11	.57	385	1	.08	34	.14	11	.05	<2	<2	35	<10	.13	<5	55	49	2
101234	.1	1.25	<5	<5	42	<10	6.32	<1	12	13	55	2.60	.28	1.00	2009	1	.04	12	.44	17	.04	11	<2	89	<10	.02	<5	68	127	1
101235	.1	1.32	<5	<5	55	<10	5.49	<1	13	17	81	2.80	.28	.99	1773	1	.04	11	.45	20	.03	16	<2	103	<10	.02	<5	71	124	3
101236	.2	1.57	<5	<5	196	<10	5.68	<1	14	22	226	2.54	.27	1.28	1800	1	.05	18	.36	20	.04	10	<2	145	<10	.02	<5	67	132	1
101237	.2	1.66	33	<5	212	<10	3.69	<1	15	24	179	2.87	.12	1.59	1309	1	.05	23	.36	23	.03	16	<2	113	<10	.08	<5	125	87	1
101238	.1	1.55	32	<5	38	<10	2.99	<1	14	22	461	3.17	.13	1.63	1198	1	.05	20	.32	17	.06	4	<2	79	<10	.12	<5	128	72	1
101239	.1	2.05	10	<5	41	<10	3.72	1	21	37	328	4.18	.16	2.20	1894	2	.04	26	.36	21	.04	14	<2	79	<10	.05	<5	145	156	2
101240	.2	1.43	17	<5	31	<10	7.19	1	14	16	230	2.52	.33	.95	2129	1	.04	16	.32	55	.02	10	<2	125	<10	.03	<5	63	196	1

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101241	.1	1.91	23	<5	183	<10	4.86	<1	22	20	712	2.98	.23	1.80	1776	17	.04	31	.33	32	.10	22	<2	81	<10	.04	<5	104	137	10
101242	.1	1.19	39	<5	615	<10	2.47	<1	13	23	571	3.17	.10	1.49	805	3	.05	16	.36	18	.10	10	<2	68	<10	.13	<5	137	34	3
101243	.1	1.10	18	<5	122	<10	2.47	1	14	30	387	3.61	.10	1.39	847	2	.05	16	.39	15	.06	17	<2	52	<10	.12	<5	157	46	1
101244	2.7	.95	132	<5	41	<10	.51	1	16	32	4510	4.19	.66	.65	527	269	.04	24	.23	51	3.11	15	<2	29	<10	.10	<5	75	168	435
101245	.5	2.14	42	<5	54	<10	4.96	1	19	37	526	3.98	.16	2.66	2216	108	.04	27	.34	22	.05	25	<2	68	<10	.02	<5	154	248	1
101246	.1	1.46	7	<5	50	<10	3.13	<1	14	24	209	3.33	.12	1.78	1274	8	.05	18	.44	17	.02	15	<2	65	<10	.10	<5	141	95	2
101247	.1	2.05	<5	<5	25	<10	3.71	1	17	21	361	3.67	.12	2.52	2011	51	.04	24	.34	27	.02	18	<2	70	<10	.16	<5	148	209	1
101248	.1	1.24	<5	<5	28	<10	1.95	<1	16	27	98	4.05	.12	1.48	988	4	.05	18	.36	15	.02	6	<2	50	<10	.18	<5	178	66	4
101249	.1	1.33	19	<5	26	<10	2.38	<1	17	26	157	4.05	.12	1.66	1195	2	.05	19	.35	22	.02	20	<2	49	<10	.17	<5	175	91	2
101250	.1	1.88	24	<5	104	<10	4.63	1	22	23	334	4.65	.16	2.17	2302	6	.04	22	.36	17	.01	9	<2	62	<10	.04	<5	175	221	4
101251	.2	1.72	20	<5	153	<10	5.23	1	21	20	469	4.25	.16	1.83	2475	2	.04	24	.36	18	.06	14	<2	66	<10	.03	<5	153	219	2
101252	.1	1.10	<5	<5	123	<10	.69	<1	9	46	27	1.89	.12	.56	371	1	.08	32	.16	18	.05	<2	<2	33	<10	.13	<5	54	51	1
101253	.1	1.28	20	<5	107	<10	6.44	1	15	21	516	2.73	.24	1.15	2046	49	.04	23	.39	25	.07	9	<2	79	<10	.04	<5	83	173	1
101254	1.3	2.08	<5	<5	73	<10	4.67	3	24	32	912	3.60	.29	1.87	1860	1	.04	24	.39	295	.11	5	<2	75	<10	.03	<5	69	605	2
101255	.2	1.02	<5	<5	1273	<10	7.03	<1	12	26	162	1.84	.31	.54	2035	7	.04	10	.24	20	.06	6	<2	101	<10	.02	<5	28	102	1
101256	2.5	1.14	33	<5	179	<10	6.89	3	32	17	7033	2.95	.30	.77	1957	3	.04	24	.32	76	1.43	63	<2	84	<10	.04	<5	35	161	1
101257	.1	1.49	28	<5	33	<10	6.03	1	20	20	388	3.48	.27	1.32	2014	1	.04	19	.32	20	.05	10	<2	77	<10	.02	<5	104	155	3
101258	.2	2.03	33	<5	71	<10	5.84	1	25	23	263	4.51	.26	1.96	2115	1	.04	22	.41	26	.03	8	<2	81	<10	.02	<5	148	174	1
101259	.2	2.25	32	<5	37	<10	3.71	1	25	26	49	3.42	.20	2.43	1895	1	.04	20	.34	29	.04	11	<2	62	<10	.04	<5	79	198	1
101260	.1	1.91	18	<5	21	<10	3.57	1	22	17	358	3.55	.17	2.11	1688	1	.04	20	.33	22	.05	22	<2	59	<10	.03	<5	106	154	1
101261	.2	1.99	<5	<5	38	<10	3.67	1	24	21	918	4.35	.21	1.95	1807	1	.04	21	.35	20	.11	14	<2	75	<10	.03	<5	107	170	5
101262	.1	.93	<5	<5	129	<10	.72	<1	9	40	28	1.75	.11	.50	367	1	.07	29	.18	15	.05	<2	<2	27	<10	.13	<5	48	45	1
101263	.1	1.15	37	<5	137	<10	9.81	2	21	10	103	3.99	.26	1.98	5960	1	.03	13	.27	12	.02	18	<2	94	<10	.03	<5	56	269	2
101264	10.9	.80	86	<5	292	<10	7.54	6	26	15	825	2.22	.32	.78	3464	31	.03	9	.23	36	.31	721	<2	90	<10	.02	<5	37	325	1
101265	.1	1.57	29	<5	439	<10	4.20	<1	21	30	252	3.34	.26	1.63	1589	1	.04	20	.37	19	.07	10	<2	73	<10	.02	<5	122	104	2
101266	.1	1.95	13	<5	23	<10	3.44	1	22	19	158	3.82	.17	2.07	1793	1	.04	17	.32	26	.03	14	<2	55	<10	.02	<5	102	185	1
101267	.2	1.52	8	<5	167	<10	4.41	<1	19	16	188	3.15	.24	1.49	1646	1	.04	16	.32	19	.02	19	<2	71	<10	.03	<5	99	96	3
101268	.1	1.64	<5	<5	31	<10	5.86	1	18	27	353	3.37	.27	1.53	2443	1	.04	19	.37	29	.05	20	<2	62	<10	.02	<5	94	231	1
101269	.1	1.24	7	<5	374	<10	7.17	1	17	11	62	2.99	.33	1.01	3147	1	.03	12	.37	20	.03	25	<2	90	<10	.02	<5	48	185	1
101270	.1	1.45	25	<5	57	<10	4.93	1	17	26	191	3.76	.31	.97	1743	1	.04	22	.37	21	.03	7	<2	109	<10	.03	<5	118	134	1
101271	.1	1.34	<5	<5	42	<10	4.39	1	17	22	271	3.39	.27	1.15	1709	2	.04	18	.35	20	.02	14	<2	89	<10	.02	<5	98	109	1
101272	.1	1.51	27	<5	38	<10	5.91	1	18	17	519	3.58	.31	1.30	2463	1	.04	17	.32	22	.06	23	<2	81	<10	.02	<5	82	147	2
101273	.2	1.60	23	<5	397	<10	5.14	<1	18	33	1662	2.92	.25	1.64	1911	75	.04	25	.33	23	.24	20	<2	76	<10	.02	<5	91	146	1
101274	.1	2.05	21	<5	83	<10	3.88	1	23	37	326	3.95	.28	2.07	1978	1	.04	26	.41	25	.01	14	<2	82	<10	.02	<5	105	187	1
101275	.5	2.03	19	<5	523	<10	3.28	1	24	41	785	4.39	.20	2.10	1526	1	.05	29	.35	24	.11	11	<2	97	<10	.02	<5	148	129	1
101276	2.5	.90	130	<5	39	<10	.31	1	17	28	4512	4.41	.65	.63	490	262	.04	22	.32	49	3.10	13	<2	26	<10	.08	<5	75	165	435
101277	.4	1.42	24	<5	306	<10	4.07	1	19	27	255	3.71	.26	1.35	1619	1	.05	21	.40	22	.02	22	<2	89	<10	.03	<5	119	122	1
101278	.1	1.67	<5	<5	257	12	3.60	1	20	33	194	3.89	.21	1.65	1513	1	.05	25	.36	26	.02	11	<2	89	<10	.02	<5	147	119	2
101279	.2	1.49	17	<5	375	<10	3.91	1	20	37	130	3.58	.21	1.65	1608	1	.05	26	.33	26	.02	23	<2	82	<10	.03	<5	134	170	1
101280	.2	1.23	37	<5	211	<10	3.28	<1	15	23	250	2.98	.08	1.72	1316	1	.05	21	.32	20	.03	31	<2	61	<10	.08	<5	128	55	1
101281	.2	1.45	<5	<5	78	<10	3.75	<1	17	26	476	3.16	.14	1.78	1769	77	.04	25	.30	31	.07	20	<2	51	<10	.06	<5	122	200	1
101282	.2	1.30	47	<5	104	<10	3.15	<1	28	20	534	2.92	.13	1.68	1281	1	.04	23	.33	25	.39	8	<2	53	<10	.12	<5	114	94	2
101283	.4	.99	<5	<5	111	<10	.65	<1	10	42	28	1.78	.11	.53	379	1	.07	31	.15	14	.05	<2	<2	29	<10	.15	<5	52	45	1
101284	.1	1.52	12	<5	76	<10	2.83	1	26	42	460	3.91	.11	1.95	1445	1	.05	25	.40	37	.50	18	<2	59	<10	.10	<5	157	140	1
101285	.2	1.06	50	<5	73	<10	1.42	<1	14	24	77	3.25	.08	1.50	739	1	.05	18	.37	14	.01	6	<2	41	<10	.11	<5	148	27	2
101286	.1	.80	11	<5	78	<10	9.60	1	13	14	98	2.49	.38	.50	3357	1	.04	13	.36	12	.03	20	<2	136	<10	.03	<5	55	76	3
101287	.2	1.71	<5	<5	39	<10	2.59	1	20	25	147	3.85	.11	1.77	1265	1	.05	22	.43	21	.04	21	<2	66	<10	.07	<5	145	110	1
101288	.1	1.50	13	<5	88	<10	4.70	1	17	30	802	3.03	.24	1.50	1677	3	.05	20	.37	19	.11	11	<2	104	<10	.02	<5	88	97	1
101289	.2	1.14	35	<5	551	<10	3.44	<1	14	19	187	2.71	.12	1.50	1085	1	.05	13	.47	15	.04	10	<2	102	<10	.03	<5	86	46	18
101290	.1	.71	<5	<5	305	<10	4.71	<1	13	17	94	2.48	.23	1.71	1277	1	.04	12	.42	12	.02	8	<2	110	<10	.03	<5	66	56	14

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101301	.2	.65	<5	<5	221	<10	.17	2	8	32	417	1.85	.22	.38	722	1	.03	6	.12	18	.04	9	<2	6	<10	.03	<5	17	326	24
101302	.5	.89	<5	<5	618	<10	.16	4	13	56	1164	2.09	.25	.53	1875	15	.03	7	.14	23	.04	9	<2	6	<10	.02	<5	17	996	1
101303	.2	.86	19	<5	188	<10	.34	44	7	55	720	1.57	.26	.55	1216	4	.03	6	.18	18	.06	13	<2	7	<10	.02	<5	16	3956	1
101304	.2	.89	23	<5	84	<10	.32	8	8	46	625	1.66	.26	.59	1221	4	.02	5	.14	23	.06	10	<2	5	<10	.03	<5	15	849	9
101305	.8	.99	50	<5	270	<10	.11	3	10	41	845	2.13	.23	.61	1243	20	.02	5	.14	27	.24	35	<2	4	<10	.03	<5	14	534	2
101306	.1	.95	<5	<5	1031	<10	.15	3	8	56	252	1.71	.29	.57	1234	3	.02	8	.12	20	.01	7	<2	6	<10	.03	<5	12	917	1
101307	.3	1.11	<5	<5	1044	<10	.15	3	11	58	573	2.28	.24	.67	1632	3	.03	7	.09	28	.04	26	<2	7	<10	.04	<5	16	726	2
101308	.1	1.03	14	<5	73	<10	.17	2	9	59	748	2.00	.26	.58	1079	1	.03	6	.14	44	.03	15	<2	5	<10	.03	<5	22	1156	1
101309	.5	1.13	13	<5	58	<10	.14	2	10	49	351	2.56	.26	.56	1091	2	.03	7	.13	50	.03	22	<2	2	<10	.03	<5	21	549	1
101310	.6	1.14	<5	<5	48	<10	.15	2	8	58	332	2.43	.25	.59	970	2	.03	8	.12	50	.04	16	<2	4	<10	.03	<5	22	657	1
101311	.4	1.00	19	<5	62	<10	.15	2	7	58	304	2.10	.23	.62	1078	1	.03	8	.18	80	.03	5	<2	1	<10	.04	<5	25	553	10
101312	.2	.92	27	<5	51	<10	.14	2	7	60	378	2.04	.24	.50	791	1	.03	6	.16	128	.02	10	<2	4	<10	.03	<5	27	1061	2
101313	.1	1.06	41	<5	61	<10	.13	2	11	52	470	2.58	.24	.49	939	1	.03	7	.17	160	.04	18	<2	3	<10	.02	<5	25	511	1
101314	.4	1.10	62	<5	150	<10	.08	3	18	90	661	3.03	.17	.49	1052	10	.02	8	.12	77	.01	61	<2	1	<10	.04	<5	15	491	1
101315	2.9	1.34	16	<5	98	<10	.74	1	9	41	7386	2.90	.15	.72	420	58	.08	29	.14	29	.96	11	<2	34	<10	.15	<5	57	76	655
101316	.4	1.11	24	<5	164	<10	.10	2	15	67	465	3.12	.19	.44	897	4	.02	8	.10	43	.02	48	<2	2	<10	.04	<5	16	541	1
101317	.4	.77	31	<5	774	<10	.13	2	8	58	214	1.93	.28	.29	328	1	.03	7	.09	72	.03	13	<2	5	<10	.03	<5	17	445	1
101318	.3	.36	19	<5	74	<10	.11	1	15	63	144	1.09	.24	.09	325	1	.03	5	.08	78	.02	21	<2	2	<10	.04	<5	9	371	1
101319	.8	.43	<5	<5	358	<10	.12	1	7	39	181	1.10	.26	.12	122	4	.03	6	.12	40	.18	10	<2	5	<10	.04	<5	11	322	1
101320	.1	.34	20	<5	50	<10	.11	2	8	98	298	1.05	.28	.07	110	3	.03	6	.11	176	.02	25	<2	2	<10	.05	<5	10	344	4
101321	.8	.71	50	<5	45	<10	.22	3	13	89	748	2.00	.31	.16	305	4	.03	6	.23	790	.02	36	<2	5	<10	.03	<5	150	1237	2
101322	.2	.90	<5	<5	1014	<10	.18	2	9	37	425	2.15	.21	.43	820	1	.03	8	.14	172	.03	10	<2	7	<10	.03	<5	26	3084	4
101323	.1	.78	24	<5	1373	<10	.14	3	9	56	252	2.00	.18	.48	916	2	.03	7	.15	206	.02	11	<2	9	<10	.04	<5	32	1644	1
101324	.1	1.02	15	<5	344	<10	.15	18	10	47	234	2.46	.21	.56	876	5	.03	5	.15	164	.26	12	<2	5	<10	.04	<5	27	1535	13
101325	.1	.83	<5	<5	30	<10	.17	6	7	56	67	1.93	.22	.49	640	1	.03	6	.12	71	.07	5	<2	4	<10	.03	<5	26	1835	8
101326	.2	.85	11	<5	32	<10	.32	11	8	40	359	2.06	.20	.48	584	3	.03	6	.12	445	.10	34	<2	5	<10	.04	<5	29	957	4
101327	.6	1.06	22	<5	37	<10	.15	6	10	64	373	2.49	.23	.59	886	7	.03	7	.11	168	.21	17	<2	4	<10	.04	<5	27	675	5
101328	.7	1.12	29	<5	263	<10	.13	8	12	66	354	2.55	.25	.65	1027	14	.03	6	.15	255	.25	25	<2	1	<10	.03	<5	29	1468	7
101329	1.0	1.28	28	<5	30	<10	.10	1	22	67	344	3.33	.22	.64	1228	18	.02	6	.10	48	.51	19	<2	3	<10	.04	<5	23	310	2
101330	5.3	1.27	23	<5	92	<10	.74	2	11	39	13850	3.59	.14	.76	419	228	.08	28	.16	47	1.94	21	<2	34	<10	.22	<5	54	143	1010
101331	21.0	.49	252	<5	333	<10	.11	13	14	71	2380	1.35	.22	.14	168	11	.02	5	.11	313	.37	593	<2	5	<10	.04	<5	11	771	18
101332	2.6	.65	31	<5	55	<10	.61	3	9	65	2544	1.72	.23	.28	530	5	.03	6	.11	41	.53	73	<2	6	<10	.04	<5	17	510	3
101333	1.6	.95	22	<5	84	<10	.34	2	13	61	914	2.23	.20	.52	1011	5	.03	7	.13	47	.32	78	<2	5	<10	.03	<5	21	507	10
101334	26.5	.98	<5	<5	294	<10	.42	1	12	76	306	2.50	.23	.53	942	8	.03	6	.10	30	.35	21	<2	8	<10	.04	<5	28	340	2
101335	.2	.83	17	<5	51	<10	.72	2	13	66	443	2.01	.21	.53	885	8	.03	6	.11	121	.26	28	<2	9	<10	.04	<5	25	400	1
101336	.1	.80	13	<5	119	<10	.66	20	11	51	344	1.95	.21	.47	667	4	.03	7	.14	835	.34	24	<2	9	<10	.04	<5	25	2646	1
101337	5.9	.73	93	<5	33	13	.47	10	30	79	4986	2.51	.25	.26	310	90	.03	9	.12	178	1.50	310	<2	5	<10	.04	<5	16	1081	14
101338	2.1	.73	34	<5	134	<10	.43	7	9	56	253	1.74	.21	.37	544	3	.03	7	.16	31	.19	94	<2	8	<10	.04	<5	22	764	1
101339	.2	.97	18	<5	46	<10	.59	1	13	54	138	2.42	.16	.61	1059	3	.03	7	.14	27	.13	13	<2	9	<10	.04	<5	31	173	1
101340	.2	.78	30	<5	34	<10	.82	<1	9	54	166	1.90	.17	.56	745	3	.04	8	.14	21	.08	10	<2	11	<10	.03	<5	34	133	12
101341	.6	.81	9	<5	35	<10	.36	1	10	65	221	1.90	.22	.49	591	2	.03	5	.13	320	.08	10	<2	7	<10	.04	<5	23	177	1
101342	2.6	.96	47	<5	418	<10	.10	26	29	91	535	2.51	.20	.44	683	19	.03	7	.09	5523	.48	33	<2	3	<10	.03	<5	20	1042	1
101343	.9	.54	63	<5	13	<10	.13	5	36	111	1247	2.67	.14	.35	1042	94	.03	7	.05	55	1.03	37	<2	3	<10	.02	<5	11	657	19
101344	1.3	1.29	<5	<5	101	<10	.15	3	23	81	3881	4.60	.16	.86	1957	77	.03	7	.02	163	1.53	10	<2	5	<10	.03	<5	21	446	5
101345	.2	1.00	<5	<5	127	<10	.62	<1	10	46	35	1.89	.12	.56	369	1	.08	33	.16	17	.05	<2	<2	30	<10	.17	<5	46	43	4
101346	.6	.82	25	<5	63	<10	.17	1	11	102	1562	2.19	.17	.50	1092	11	.03	6	.08	158	.55	11	<2	1	<10	.03	<5	15	178	2
101347	.4	.81	<5	<5	42	<10	.64	<1	7	65	188	1.79	.23	.61	806	9	.04	8	.15	19	.12	7	<2	10	<10	.04	<5	28	113	1
101348	.2	.85	10	<5	37	<10	.29	1	8	64	235	2.05	.18	.56	1017	6	.03	6	.13	45	.22	5	<2	5	<10	.04	<5	21	270	1
101349	.7	.73	<5	<5	226	<10	.64	69	14	54	319	1.78	.19	.48	771	5	.03	6	.15	426	.70	8	<2	11	<10	.03	<5	20	8376	7
101350	.2	.73	16	<5	920	<10	.65	<1	13	52	121	2.19	.22	.42	911	6	.03	6	.12	27	.23	7	<2	23	<10	.04	<5	23	159	1

ELEMENT SAMPLE	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	S %	Sb ppm	Sn ppm	Sr ppm	Te ppm	Ti %	Tl ppm	V ppm	Zn ppm	*Au ppb
101351	.2	.73	24	<5	121	<10	.63	<1	8	68	232	1.60	.23	.49	668	4	.03	8	.16	32	.15	5	<2	11	<10	.03	<5	23	135	1
101352	.1	.78	23	<5	48	<10	.42	2	7	64	102	1.79	.23	.56	710	3	.03	7	.14	22	.05	6	<2	9	<10	.04	<5	28	320	1
101353	.2	.77	12	<5	135	<10	.79	<1	7	68	102	1.86	.16	.63	901	1	.04	9	.13	28	.05	3	<2	14	<10	.03	<5	30	119	1
101354	.1	.72	31	<5	38	<10	.87	<1	7	55	90	1.68	.19	.64	712	1	.04	8	.13	16	.04	9	<2	13	<10	.04	<5	30	126	1
101355	1.0	.85	32	<5	166	<10	.18	6	17	115	1791	2.65	.14	.48	1065	29	.03	5	.05	40	1.00	18	<2	3	<10	.03	<5	14	926	3
101356	.2	.91	<5	<5	230	<10	.80	<1	10	73	95	2.22	.18	.63	1053	7	.03	11	.12	23	.21	3	<2	12	<10	.02	<5	29	139	2
101357	.2	.71	10	<5	159	<10	.42	<1	7	68	91	1.69	.19	.58	488	1	.04	8	.12	18	.02	5	<2	9	<10	.04	<5	31	120	3
101358	.1	.67	7	<5	50	<10	.88	<1	6	60	84	1.64	.15	.60	533	1	.04	7	.10	16	.01	2	<2	13	<10	.03	<5	34	129	1
101359	.2	.82	15	<5	86	<10	.70	<1	7	66	111	1.87	.17	.69	771	2	.04	8	.11	18	.01	7	<2	14	<10	.04	<5	36	160	1
101360	3.0	1.22	18	<5	101	<10	.81	1	9	41	7460	2.88	.14	.71	430	67	.08	29	.18	22	.97	9	<2	32	<10	.14	<5	51	75	620
101361	.2	.76	19	<5	69	<10	.72	1	7	51	160	1.99	.15	.67	665	1	.03	9	.12	19	.03	6	<2	11	<10	.04	<5	41	248	1
101362	.2	.74	19	<5	100	<10	.92	10	11	62	226	2.02	.15	.66	745	5	.04	10	.18	285	.19	12	<2	13	<10	.04	<5	42	1542	1
101363	.3	.66	<5	<5	49	<10	1.09	1	8	51	115	1.79	.13	.66	551	1	.04	11	.15	17	.04	5	<2	14	<10	.04	<5	51	85	2
101364	.1	.79	13	<5	22	<10	.41	<1	8	53	131	1.84	.15	.69	383	1	.03	13	.14	17	.02	11	<2	13	<10	.02	<5	53	185	1
101365	.2	.73	15	<5	87	<10	.99	2	9	49	247	2.08	.11	.78	597	1	.04	13	.18	18	.06	14	<2	18	<10	.07	<5	65	405	1
101366	.1	.79	7	<5	46	<10	.75	<1	9	82	205	2.23	.17	.66	817	2	.03	12	.10	18	.07	8	<2	11	<10	.04	<5	55	152	2
101367	.3	.92	20	<5	266	<10	1.16	1	11	71	410	2.35	.17	.84	1130	8	.03	13	.16	29	.11	22	<2	16	<10	.03	<5	59	241	1
101368	.1	1.22	14	<5	217	<10	.65	3	13	57	349	2.76	.19	.94	1548	1	.03	15	.17	45	.18	8	<2	11	<10	.03	<5	44	472	1
101369	.6	.76	28	<5	202	<10	.10	2	18	62	417	2.02	.17	.47	851	13	.03	5	.09	42	.32	27	<2	5	<10	.02	<5	17	314	5
101370	.7	1.07	9	<5	519	<10	.33	2	10	69	230	2.62	.21	.64	1429	1	.03	8	.13	24	.04	23	<2	8	<10	.04	<5	26	334	2
101371	.7	1.34	13	<5	502	<10	.15	3	14	53	822	3.37	.16	.81	1537	5	.03	9	.10	38	.33	16	<2	9	<10	.07	<5	27	440	4
101372	.8	1.06	43	<5	549	<10	.18	9	10	64	868	2.43	.17	.64	1206	4	.03	7	.10	30	.35	22	<2	12	<10	.04	<5	17	356	2
101373	2.9	1.29	49	<5	513	<10	.18	11	16	84	1824	3.20	.21	.77	1421	9	.03	11	.11	42	.38	51	<2	10	<10	.05	<5	26	560	1
101374	.2	.72	10	<5	254	<10	1.69	2	7	64	234	1.84	.15	.65	757	1	.04	10	.15	25	.04	5	<2	21	<10	.04	<5	42	138	5
101375	.2	1.09	<5	<5	141	<10	.70	<1	11	52	30	1.96	.11	.59	379	1	.08	35	.15	15	.05	<2	<2	33	<10	.17	<5	45	48	1
101376	.3	.98	17	<5	322	<10	.84	3	23	65	235	2.84	.16	.75	1059	13	.03	12	.13	45	.42	9	<2	13	<10	.04	<5	53	289	1
101377	.2	.74	13	<5	202	<10	1.21	4	8	91	162	2.01	.16	.77	641	1	.05	11	.16	14	.04	5	<2	21	<10	.04	<5	57	152	1
101378	.2	.79	<5	<5	518	<10	.96	6	10	73	153	2.32	.12	.84	740	1	.04	13	.17	16	.02	4	<2	20	<10	.10	<5	67	247	1
101379	.4	.80	<5	<5	152	<10	.28	3	11	98	285	2.36	.16	.64	851	2	.04	13	.17	32	.02	11	<2	9	<10	.04	<5	58	582	2
101380	.4	.84	8	<5	93	<10	.14	2	9	82	283	2.25	.17	.50	941	1	.03	11	.13	23	.03	10	<2	5	<10	.05	<5	34	362	1
101381	.8	.45	22	<5	426	<10	.12	5	7	112	821	1.45	.17	.16	1401	7	.03	9	.11	20	.04	57	<2	8	<10	.05	<5	13	786	1
101382	.7	.32	30	<5	457	<10	.17	3	3	82	424	.58	.21	.07	286	3	.03	6	.12	20	.02	52	<2	8	<10	.06	<5	11	1227	2
101383	.7	.24	18	<5	63	<10	.17	2	1	68	224	.88	.23	.04	198	2	.03	6	.14	14	.02	39	<2	5	<10	.04	<5	14	448	3
101384	.8	.33	40	<5	119	<10	.16	3	5	75	377	.74	.21	.06	559	1	.03	6	.14	37	.02	74	<2	6	<10	.04	<5	12	710	1
101385	.7	.48	17	<5	1885	<10	2.04	8	6	84	304	1.44	.26	.13	774	3	.03	9	.14	38	.04	68	<2	13	<10	.05	<5	16	531	1
101386	1.6	.50	31	<5	624	<10	2.57	3	6	64	346	1.16	.21	.16	890	1	.03	6	.13	39	.02	67	<2	23	<10	.05	<5	18	427	1
101387	1.4	.53	35	<5	733	<10	3.45	3	5	74	309	1.21	.23	.16	1102	2	.03	7	.17	47	.05	75	<2	33	<10	.04	<5	20	518	1
101388	.4	.54	30	<5	214	<10	1.51	2	6	65	199	1.40	.22	.17	831	1	.03	7	.14	26	.01	44	<2	11	<10	.06	<5	17	436	1
101389	.2	.37	6	<5	327	<10	3.95	3	4	84	154	.98	.18	.12	1347	1	.03	5	.09	17	.03	29	<2	14	<10	.04	<5	14	276	9
101390	.1	1.13	<5	<5	142	<10	.74	<1	11	52	29	2.01	.12	.61	387	1	.08	34	.15	20	.05	<2	<2	35	<10	.12	<5	47	51	1
286952	.1	1.64	<5	<5	105	<10	.14	9	20	77	75	4.30	.28	.74	1216	2	.03	8	.17	61	.34	9	<2	2	<10	.06	<5	36	1602	3
286953	.9	.40	36	<5	519	<10	.17	3	6	98	505	1.00	.23	.11	660	1	.03	8	.12	16	.01	63	<2	6	<10	.05	<5	13	1236	1
286971	.1	2.08	<5	<5	68	<10	3.39	<1	22	37	262	3.68	.09	2.40	1586	1	.05	30	.29	24	.02	5	<2	75	<10	.25	<5	110	149	1

Eco Tech Laboratory Ltd
10041 Dallas Drive
Kamloops, B.C.
V2C 6T4
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StewartGroup
Geochemical & Assay

CERTIFICATE OF ASSAY AK 2011-0554

Logan Copper
Suite 216-7198 Vantage Way
Delta, BC
V4G 1K7

6-May-11

No. of samples received: 128
Sample Type:Core
Submitted by:Terry Garrow

ET #.	Tag #	Cu (%)
30	286552	1.32
73	101463	2.11
74	101464	1.18
105	286557	1.30

QC DATA:
Standard:
Cu120 1.54

FA/AA Finish

NM/EL
XLS/11

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

06-May-11

Stewart Group
ECO TECH LABORATORY LTD.
10041 Dallas Drive
KAMLOOPS, B.C.
V2C 6T4
www.stewartgroupglobal.com

Phone: 250-573-5700
Fax : 250-573-4557

ICP CERTIFICATE OF ANALYSIS AK 2011-0554

Logan Copper
Suite 216-7196 Vantage Way
Delta, BC
V4G 1K7

No. of samples received: 128
Sample Type:Core
Submitted by:Terry Garrow

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	101391	<0.2	0.37	10	82	<1	<5	0.99	2	3	154	90	0.95	<5	0.26	10	<2	0.09	480	<1	<0.01	6	240	9	<0.01	35	<1	<10	<5	8	<0.01	<5	24	<5	6	172
2	101392	<0.2	0.26	10	128	<1	<5	1.86	4	2	152	142	0.68	<5	0.21	6	<2	0.06	885	<1	<0.01	5	160	9	<0.01	45	<1	<10	<5	8	<0.01	<5	16	<5	7	162
3	101393	2.4	0.72	90	1208	<1	<5	1.08	19	7	136	1262	1.62	<5	0.36	12	6	0.21	485	<1	0.01	10	400	81	0.04	335	1	<10	<5	20	<0.01	<5	26	<5	7	466
4	101394	2.0	0.75	65	440	<1	5	1.48	13	10	138	1264	2.01	<5	0.33	12	8	0.25	715	3	0.01	12	380	48	0.22	175	1	<10	<5	16	<0.01	<5	28	<5	8	490
5	101395	0.8	0.60	50	50	<1	10	0.45	4	8	128	732	3.24	<5	0.36	14	4	0.19	455	<1	0.01	10	430	18	<0.01	260	1	<10	<5	6	<0.01	<5	36	<5	7	442
6	101396	4.0	0.62	50	720	<1	5	0.94	7	6	156	1714	1.68	<5	0.32	14	4	0.26	540	1	0.01	10	380	18	0.03	160	1	<10	<5	20	<0.01	<5	32	<5	7	332
7	101397	0.8	0.70	25	354	<1	5	0.57	2	9	150	906	1.94	<5	0.31	12	6	0.26	890	1	0.01	9	320	15	0.01	80	<1	<10	<5	12	<0.01	<5	24	<5	6	300
8	101398	1.8	1.00	40	204	<1	10	0.31	4	11	138	1672	2.67	<5	0.33	16	12	0.41	740	5	0.01	12	350	42	0.14	125	<1	<10	<5	6	<0.01	<5	22	<5	5	420
9	101399	1.6	1.03	25	120	<1	10	0.49	2	12	130	1690	2.10	<5	0.43	14	12	0.50	640	8	0.01	13	460	24	0.24	90	1	<10	<5	10	<0.01	<5	22	<5	5	398
10	101400	3.0	0.94	20	210	<1	5	1.38	2	10	120	1464	2.11	<5	0.40	10	12	0.42	790	8	0.01	12	460	27	0.23	60	1	<10	<5	16	<0.01	<5	24	<5	6	282
11	101401	2.8	1.05	20	216	<1	10	0.99	2	11	114	970	2.17	<5	0.44	12	12	0.50	750	6	0.01	12	470	15	0.18	65	1	<10	<5	14	<0.01	<5	22	<5	6	302
12	101403	2.8	0.74	35	790	<1	<5	0.98	4	8	140	2360	1.59	<5	0.39	10	8	0.26	795	4	0.01	11	430	51	0.07	105	1	<10	<5	18	<0.01	<5	20	<5	6	148
13	101404	0.6	1.08	30	358	<1	10	0.62	3	11	120	816	2.68	<5	0.41	12	12	0.46	1005	1	0.01	13	490	48	<0.01	100	1	<10	<5	14	<0.01	<5	32	<5	7	270
14	286551	2.4	1.36	10	66	<1	<5	0.77	<1	12	42	7276	3.21	<5	0.14	4	10	0.73	420	68	0.12	29	540	15	0.77	10	5	<10	<5	38	0.16	<5	70	<5	7	66
15	101406	0.8	1.04	20	98	<1	5	0.14	<1	12	106	1220	3.02	<5	0.35	16	14	0.31	845	2	0.02	13	490	24	<0.01	60	1	<10	<5	14	<0.01	<5	42	<5	7	406
16	101407	0.6	1.02	20	216	<1	10	0.15	<1	11	118	1298	3.09	<5	0.34	16	16	0.28	1445	1	0.02	11	430	21	<0.01	75	1	<10	<5	12	<0.01	<5	36	<5	7	290
17	101408	<0.2	0.92	15	432	<1	15	0.56	<1	10	128	768	4.09	<5	0.33	18	16	0.27	875	4	0.02	11	380	27	0.01	30	2	<10	<5	12	<0.01	<5	44	<5	8	260
18	101409	0.6	1.02	10	70	<1	10	0.68	1	12	124	1742	2.90	<5	0.33	16	20	0.31	490	5	0.02	11	410	30	0.26	45	1	<10	<5	10	<0.01	<5	36	<5	6	264
19	101410	<0.2	0.85	10	408	<1	10	1.54	<1	9	120	968	2.17	<5	0.32	14	12	0.40	890	3	0.02	12	430	18	0.13	25	2	<10	<5	24	<0.01	<5	38	<5	11	168
20	101411	<0.2	0.78	<5	522	<1	5	1.88	<1	7	122	890	2.25	<5	0.31	18	14	0.28	970	2	0.02	9	380	15	0.11	5	1	<10	<5	26	<0.01	<5	40	<5	11	144
21	101412	4.2	0.78	60	100	<1	5	0.92	3	17	154	6206	3.14	<5	0.33	8	12	0.28	625	4	0.01	10	330	84	1.34	245	<1	<10	<5	12	<0.01	<5	26	<5	6	300
22	101413	1.8	0.71	25	46	<1	5	2.22	5	6	136	746	1.90	<5	0.36	14	10	0.34	1475	2	0.01	7	360	21	0.08	100	1	<10	<5	20	<0.01	<5	32	<5	9	386
23	101414	1.0	1.04	10	58	<1	5	0.97	2	11	124	514	2.44	<5	0.37	14	10	0.58	930	4	0.01	11	400	12	0.07	35	<1	<10	<5	14	<0.01	<5	30	<5	7	316
24	101415	<0.2	1.13	<5	42	<1	10	0.94	<1	10	114	808	2.59	<5	0.42	12	8	0.68	1040	5	0.01	11	470	12	0.10	10	1	<10	<5	14	<0.01	<5	38	<5	8	146
25	101416	<0.2	1.58	5	20	<1	15	0.37	<1	13	140	542	3.90	<5	0.45	12	14	0.84	1385	12	0.02	14	520	9	0.20	5	1	<10	<5	6	<0.01	<5	28	<5	4	174
26	101417	<0.2	1.46	<5	96	<1	15	0.74	<1	15	124	388	3.68	<5	0.37	16	14	0.87	1410	5	0.02	15	450	9	0.11	10	2	<10	<5	10	<0.01	<5	40	<5	7	212
27	101418	<0.2	1.25	<5	314	<1	10	0.43	<1	17	166	378	3.49	<5	0.34	14	12	0.71	1200	5	0.02	15	440	9	0.22	10	1	<10	<5	10	<0.01	<5	42	<5	4	174
28	101419	0.2	1.25	<5	264	<1	15	0.45	<1	21	136	274	3.66	<5	0.38	14	12	0.87	1225	12	0.02	19	490	12	0.16	10	2	<10	<5	12	<0.01	<5	42	<5	5	210
29	286954	<0.2	1.11	<5	232	<1	10	0.94	<1	14	132	256	3.13	<5	0.36	14	10	0.75	1150	4	0.02	16	490	15	0.09	<5	2	<10	<5	14	<0.01	<5	56	<5	7	146
30	286552	3.6	1.33	20	72	<1	<5	0.73	2	14	42	>10000	3.78	<5	0.15	4	10	0.73	405	195	0.11	29	560	42	1.64	25	5	<10	<5	38	0.15	<5	68	<5	7	142
31	101421	<0.2	1.07	<5	116	<1	15	0.84	<1	14	138	336	3.48	<5	0.38	16	10	0.76	1285	8	0.02	15	440	9	0.11	<5	1	<10	<5	12	<0.01	<5	38	<5	5	160
32	101422	<0.2	0.92	<5	162	<1	10	0.47	<1	15	148	396	3.35	<5	0.36	16	8	0.67	1185	9	0.02	14	420	15	0.23	5	1	<10	<5	10	<0.01	<5	32	<5	4	168
33	101423	<0.2	0.98	<5	200	<1	10	0.54	<1	13	128	374	3.37	<5	0.37	14	8	0.70	1255	13	0.02	14	490	18	0.16	<5	2	<10	<5	12	<0.01	<5	46	<5	6	202
34	101424	<0.2	0.63	<5	540	<1	15	0.78	<1	15	126	318	4.04	<5	0.38	18	6	0.70	1420	4	0.02	14	480	15	0.13	<5	2	<10	<5	20	<0.01	<5	52	<5	6	176
35	101425	<0.2	0.52	<5	210	<1	10	0.75	<1	11	122	372	2.91	<5	0.39	16	4	0.53	995	3	0.02	11	460	12	0.09	<5	1	<10	<5	18	<0.01	<5	50	<5	5	148

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
36	101426	<0.2	0.47	<5	400	<1	10	0.86	<1	13	156	314	3.26	<5	0.32	16	4	0.71	1225	3	0.02	13	500	12	0.13	10	2	<10	<5	28	<0.01	<5	44	<5	6	182
37	101427	<0.2	0.63	<5	248	<1	10	1.24	<1	11	146	286	3.11	<5	0.31	16	6	0.67	1200	3	0.02	13	490	9	0.04	15	2	<10	<5	28	<0.01	<5	52	<5	7	186
38	101428	<0.2	0.67	<5	498	<1	10	0.91	<1	11	174	474	3.02	<5	0.34	14	6	0.61	1105	3	0.02	13	460	9	0.09	20	1	<10	<5	24	<0.01	<5	38	<5	6	150
39	101429	<0.2	0.48	10	440	<1	10	0.93	<1	12	162	252	3.17	<5	0.34	16	4	0.70	1125	4	0.02	13	490	18	0.06	35	2	<10	<5	32	<0.01	<5	38	<5	7	194
40	101430	<0.2	0.45	<5	64	<1	10	0.90	<1	12	182	360	3.19	<5	0.35	16	4	0.61	1070	4	0.02	13	470	12	0.06	20	1	<10	<5	22	<0.01	<5	36	<5	6	172
41	101431	<0.2	0.49	<5	506	<1	15	0.94	<1	15	170	460	4.06	<5	0.34	12	4	0.62	1230	4	0.02	13	480	6	0.08	5	2	<10	<5	24	<0.01	<5	38	<5	7	220
42	101432	0.2	0.57	5	330	<1	15	1.57	<1	25	68	1236	5.16	<5	0.37	10	4	1.03	1580	3	0.03	18	750	9	0.14	10	3	<10	<5	66	<0.01	<5	55	<5	8	168
43	101433	<0.2	0.61	10	822	<1	15	2.78	<1	20	52	968	4.12	<5	0.31	10	6	1.03	1455	3	0.03	16	690	12	0.12	20	4	<10	<5	96	<0.01	<5	52	<5	12	202
44	101434	<0.2	0.44	<5	1386	<1	15	3.84	<1	13	132	300	3.12	<5	0.30	16	4	0.54	1420	<1	0.02	11	490	6	0.05	<5	2	<10	<5	78	<0.01	<5	26	<5	12	114
45	286553	<0.2	1.12	<5	116	<1	10	0.70	<1	12	50	22	2.11	<5	0.10	6	8	0.53	375	3	0.10	33	520	9	0.04	<5	4	<10	<5	42	0.12	<5	58	<5	7	38
46	101436	<0.2	0.43	10	1502	<1	10	4.21	<1	9	124	838	2.29	<5	0.29	12	4	1.02	1515	3	0.03	9	430	15	0.11	10	2	<10	<5	112	<0.01	<5	24	<5	14	82
47	101437	<0.2	0.41	15	80	<1	10	2.59	<1	25	190	4758	4.15	<5	0.29	8	4	0.61	1220	4	0.02	16	440	9	1.49	5	2	<10	<5	42	<0.01	<5	28	<5	8	76
48	101438	<0.2	0.41	10	824	<1	10	5.05	<1	15	100	660	2.63	<5	0.28	12	2	1.27	1515	4	0.05	11	430	12	0.24	15	2	<10	<5	128	<0.01	<5	26	<5	15	150
49	101439	<0.2	0.50	<5	620	<1	10	3.23	<1	16	74	400	3.45	<5	0.33	12	4	1.41	1635	1	0.03	18	710	6	0.04	<5	3	<10	<5	108	<0.01	<5	60	<5	12	98
50	101440	<0.2	0.49	<5	112	<1	15	2.58	<1	17	110	176	3.76	<5	0.37	12	2	1.29	1515	1	0.04	21	720	6	<0.01	<5	3	<10	<5	60	<0.01	<5	66	<5	12	120
51	101441	<0.2	0.47	<5	768	<1	15	4.05	<1	20	104	270	4.18	<5	0.36	12	4	1.31	1790	2	0.06	24	720	9	0.06	<5	3	<10	<5	88	<0.01	<5	64	<5	14	124
52	101442	<0.2	0.49	<5	42	<1	15	3.03	<1	28	136	566	4.67	<5	0.36	12	6	1.04	1565	4	0.24	18	630	9	0.40	<5	2	<10	<5	70	<0.01	<5	42	<5	11	98
53	101443	<0.2	0.47	<5	168	<1	15	1.60	<1	29	176	3674	4.78	<5	0.29	8	6	0.91	1245	3	0.04	15	470	6	0.67	<5	2	<10	<5	42	<0.01	<5	32	<5	7	66
54	101444	<0.2	0.46	<5	354	<1	15	2.00	<1	16	166	560	3.34	<5	0.37	14	4	0.74	1155	2	0.02	15	660	6	0.17	<5	2	<10	<5	40	<0.01	<5	36	<5	11	72
55	101445	<0.2	0.59	<5	110	<1	10	2.93	<1	15	120	376	3.07	<5	0.33	16	4	1.35	1350	2	0.07	15	740	6	0.06	<5	2	<10	<5	74	<0.01	<5	44	<5	12	76
56	101446	<0.2	0.59	<5	48	<1	10	2.54	<1	15	120	262	2.92	<5	0.32	14	2	1.13	1200	1	0.04	15	600	3	0.02	<5	1	<10	<5	60	<0.01	<5	40	<5	11	82
57	101447	<0.2	0.53	<5	320	<1	10	3.06	<1	18	118	1024	3.60	<5	0.32	14	4	1.31	1545	2	0.03	16	630	6	0.10	<5	2	<10	<5	80	<0.01	<5	38	<5	13	92
58	101448	<0.2	0.47	<5	20	<1	10	2.28	<1	13	168	398	2.70	<5	0.36	14	2	0.62	1010	2	0.02	13	510	3	0.05	<5	2	<10	<5	42	<0.01	<5	30	<5	9	54
59	101449	<0.2	0.56	<5	62	<1	10	2.50	<1	19	128	396	3.61	<5	0.35	10	4	1.18	1445	5	0.12	15	670	6	0.12	<5	2	<10	<5	64	<0.01	<5	36	<5	11	90
60	286554	2.2	1.41	10	70	<1	5	0.77	<1	11	42	7266	3.24	<5	0.14	4	10	0.70	410	56	0.10	28	560	15	0.74	5	4	<10	<5	44	0.14	<5	66	<5	6	64
61	101451	<0.2	0.43	<5	30	<1	10	3.47	<1	13	162	1018	2.89	<5	0.35	14	4	0.61	1205	2	0.02	12	470	3	0.13	<5	2	<10	<5	54	<0.01	<5	32	<5	12	38
62	101452	<0.2	0.53	<5	30	<1	15	1.21	<1	20	156	674	3.95	<5	0.41	12	6	0.67	1075	3	0.02	14	560	3	0.09	<5	2	<10	<5	26	<0.01	<5	34	<5	7	62
63	101453	<0.2	0.45	<5	20	<1	10	2.36	<1	17	168	874	3.41	<5	0.34	12	4	0.73	1095	4	0.02	13	440	6	0.28	<5	2	<10	<5	42	<0.01	<5	26	<5	9	44
64	101454	<0.2	0.52	<5	22	<1	15	1.24	<1	25	172	1392	4.09	<5	0.34	10	6	0.75	1095	18	0.02	13	460	6	0.40	<5	1	<10	<5	30	<0.01	<5	28	<5	7	58
65	101455	<0.2	0.52	<5	840	<1	5	1.95	<1	13	166	2116	2.69	<5	0.33	20	4	0.70	895	6	0.09	13	480	3	0.30	<5	2	<10	<5	52	<0.01	<5	28	<5	10	44
66	101456	<0.2	0.59	<5	160	<1	10	2.50	<1	14	136	570	2.71	<5	0.32	14	4	1.04	1045	3	0.03	14	500	3	0.06	<5	2	<10	<5	56	<0.01	<5	32	<5	11	50
67	101457	<0.2	0.71	<5	52	<1	10	1.85	<1	15	140	910	3.02	<5	0.25	12	4	0.59	965	2	0.04	14	510	6	0.09	<5	2	<10	<5	34	<0.01	<5	34	<5	9	58
68	101458	<0.2	0.96	<5	88	<1	15	0.84	<1	25	184	1418	4.17	<5	0.26	12	10	0.81	1060	67	0.02	14	380	42	0.38	<5	2	<10	<5	22	<0.01	<5	32	<5	6	60
69	101459	<0.2	0.95	<5	44	<1	10	1.04	<1	21	164	1600	4.30	<5	0.37	12	8	0.92	1175	5	0.09	14	500	12	0.24	<5	2	<10	<5	34	<0.01	<5	36	<5	8	66
70	101460	<0.2	0.82	<5	792	<1	10	1.26	<1	17	172	2104	3.55	<5	0.30	12	6	0.84	1130	3	0.02	13	450	6	0.25	<5	1	<10	<5	52	<0.01	<5	24	<5	9	64
71	101461	0.6	0.86	5	84	<1	10	0.75	<1	20	154	1240	3.47	<5	0.34	8	6	0.68	1055	26	0.02	12	420	30	0.30	15	1	<10	<5	20	<0.01	<5	26	<5	7	90
72	101462	<0.2	0.74	<5	98	<1	5	1.14	<1	14	130	366	2.36	<5	0.32	16	4	0.73	870	1	0.03	12	440	6	0.04	<5	1	<10	<5	30	<0.01	<5	22	<5	9	68
73	101463	0.6	0.60	<5	46	<1	<5	0.74	<1	6	166	>10000	3.42	<5	0.34	8	4	0.39	655	2	0.02	6	390	<3	1.32	<5	1	<10	<5	24	<0.01	<5	20	<5	6	34
74	101464	<0.2	0.85	<5	122	<1	<5	1.36	<1	11	174	>10000	3.31	<5	0.32	10	6	0.58	1010	1	0.02	10	470	3	0.85	<5	2	<10	<5	34	<0.01	<5	22	<5	9	54
75	286555	<0.2	1.09	<5	106	<1	10	0.65	<1	12	54	24	2.08	<5	0.11	6	8	0.53	385	3	0.10	32	520	6	0.04	<5	4	<10	<5	36	0.14	<5	60	<5	7	40
76	101466	<0.2	1.04	<5	304	<1	10	1.39	<1	16	134	1798	3.22	<5	0.37	10	8	0.84	1075	3	0.02	13	520	6	0.17	<5	2	<10	<5	32	<0.01	<5	30	<5	10	66
77	101467	<0.2	1.22	<5	126	<1	10	1.60	<1	18	130	1862	3.39	<5	0.34	14	10	0.87	1195	7	0.03	16	620	6	0.17	<5	2	<10	<5	32	<0.01	<5	34	<5	11	86
78	101468	0.6	1.32	25	30	<1	15	1.46	<1	20	168	774	3.38	<5	0.34	8	12	0.98	1050	86	0.03	17	490	42	0.05	75	2	<10	<5	26	<0.01	<5	30	<5	9	106
79	101469	<0.2	1.05	<5	26	<1	10	1.14	<1	20	176	484	3.96	<5	0.40	12	10	0.79	905	13	0.02	16	510	6	0.05	<5	2	<10	<5	24	<0.01	<5	28	<5	7	104
80	101470	<0.2	1.69	<5	22	<1	15	2.11	<1	23	186	292	4.85	<5	0.34	14	16	1.15	1235	2	0.06	20	780	9	0.02	<5	4	<10	<5	44	<0.01	<5	56	<5	12	122

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
81	101471	<0.2	1.32	<5	20	<1	15	1.34	<1	17	136	270	3.49	<5	0.30	10	12	0.85	910	<1	0.04	12	570	6	0.02	<5	2	<10	<5	26	<0.01	<5	36	<5	9	74
82	101472	<0.2	0.82	<5	28	<1	10	3.39	<1	12	106	52	2.83	<5	0.38	10	6	0.65	1215	1	0.02	13	760	6	<0.01	<5	4	<10	<5	66	<0.01	<5	46	<5	13	82
83	101473	<0.2	0.74	<5	16	<1	5	4.38	<1	9	76	24	1.82	<5	0.25	8	6	0.66	1400	<1	0.05	17	940	3	<0.01	<5	6	<10	<5	64	<0.01	<5	64	<5	13	110
84	101474	<0.2	0.79	<5	20	<1	10	3.75	<1	7	82	16	1.88	<5	0.21	10	10	0.79	1305	<1	0.05	14	750	6	<0.01	<5	5	<10	<5	64	<0.01	<5	78	<5	12	120
85	101475	<0.2	0.54	<5	18	<1	<5	4.29	<1	6	70	22	1.03	<5	0.26	8	4	0.70	1295	<1	0.05	12	830	3	<0.01	<5	5	<10	<5	66	<0.01	<5	40	<5	12	90
86	101476	<0.2	0.66	5	50	<1	10	3.62	<1	13	80	382	3.09	<5	0.27	12	4	1.05	1590	2	0.04	15	930	15	0.04	15	4	<10	<5	74	<0.01	<5	76	<5	13	176
87	101477	<0.2	0.57	<5	44	<1	10	3.74	<1	8	126	6	1.91	<5	0.37	12	4	0.49	1370	3	0.02	7	700	3	<0.01	<5	2	<10	<5	64	<0.01	<5	26	<5	12	82
88	101478	<0.2	0.44	<5	108	<1	5	4.03	<1	7	104	38	1.55	<5	0.31	12	2	0.60	1465	<1	0.02	8	470	3	<0.01	<5	2	<10	<5	74	<0.01	<5	24	<5	11	76
89	101479	<0.2	0.61	10	48	<1	10	3.39	<1	13	80	418	3.21	<5	0.36	12	4	0.60	1340	3	0.03	13	930	18	0.06	25	4	<10	<5	56	<0.01	<5	92	<5	13	142
90	286556	<0.2	1.07	<5	104	<1	10	0.63	<1	12	54	22	2.04	<5	0.11	6	8	0.52	360	3	0.10	32	510	6	0.04	<5	4	<10	<5	36	0.13	<5	58	<5	7	42
91	101481	<0.2	0.88	<5	24	<1	5	3.40	<1	11	122	<2	2.07	<5	0.30	12	10	0.43	1085	2	0.03	9	460	6	<0.01	<5	2	<10	<5	48	<0.01	<5	18	<5	10	78
92	101482	<0.2	1.00	<5	14	<1	10	3.97	<1	10	96	<2	2.44	<5	0.36	8	10	0.66	1370	<1	0.02	8	690	6	<0.01	<5	3	<10	<5	58	<0.01	<5	40	<5	10	98
93	101483	<0.2	1.20	<5	14	<1	10	4.17	<1	12	90	<2	2.55	<5	0.32	8	14	0.63	1375	<1	0.03	9	680	6	<0.01	<5	3	<10	<5	50	<0.01	<5	40	<5	10	98
94	101484	<0.2	1.06	<5	16	<1	10	3.74	<1	13	132	2	2.56	<5	0.32	10	12	0.68	1415	1	0.02	10	690	6	<0.01	<5	4	<10	<5	54	<0.01	<5	34	<5	12	102
95	101485	<0.2	0.90	<5	14	<1	10	3.78	<1	11	124	2	2.37	<5	0.32	8	10	0.57	1440	<1	0.02	9	780	6	<0.01	<5	4	<10	<5	54	<0.01	<5	40	<5	13	80
96	101486	<0.2	1.25	<5	22	<1	10	3.85	<1	15	108	4	2.91	<5	0.33	10	16	0.73	1475	1	0.02	11	730	6	<0.01	<5	3	<10	<5	52	<0.01	<5	44	<5	12	108
97	101487	<0.2	1.34	<5	12	<1	10	3.40	<1	19	130	4	3.12	<5	0.29	10	16	0.85	1360	<1	0.02	15	750	6	<0.01	<5	4	<10	<5	44	<0.01	<5	46	<5	11	120
98	101488	<0.2	0.97	<5	12	<1	15	3.80	<1	14	114	4	3.09	<5	0.35	10	10	0.62	1445	1	0.02	11	680	6	<0.01	<5	4	<10	<5	54	<0.01	<5	54	<5	11	114
99	101489	<0.2	0.52	<5	16	<1	10	4.17	<1	8	114	2	2.30	<5	0.40	12	4	0.52	1600	<1	0.02	8	600	3	<0.01	<5	2	<10	<5	62	<0.01	<5	36	<5	11	82
100	101490	<0.2	0.71	<5	24	<1	10	3.86	<1	10	102	4	2.35	<5	0.35	14	4	0.73	1465	2	0.03	14	650	6	<0.01	<5	3	<10	<5	66	<0.01	<5	42	<5	9	84
101	101491	<0.2	0.95	<5	20	<1	10	3.01	<1	9	118	46	1.86	<5	0.21	10	8	0.93	1105	51	0.06	15	750	6	<0.01	<5	4	<10	<5	42	<0.01	<5	56	<5	10	74
102	101492	<0.2	1.09	<5	12	<1	10	2.64	<1	10	80	184	1.93	<5	0.11	10	10	1.24	1045	62	0.06	20	720	3	<0.01	<5	6	<10	<5	40	<0.01	<5	66	<5	11	100
103	101493	<0.2	1.10	<5	26	<1	10	2.07	<1	10	118	190	2.01	<5	0.15	12	14	1.08	770	9	0.07	17	650	6	<0.01	<5	5	<10	<5	48	0.08	<5	82	<5	9	56
104	101494	<0.2	0.87	<5	26	<1	5	1.12	<1	10	116	290	1.71	<5	0.14	10	14	0.96	495	11	0.08	14	650	6	0.02	<5	4	<10	<5	40	0.17	<5	84	<5	7	24
105	286557	3.8	1.33	20	78	<1	10	0.75	2	13	46	>10000	3.68	<5	0.14	4	10	0.70	405	188	0.11	26	550	39	1.46	25	5	<10	<5	38	0.14	<5	66	<5	6	142
106	101496	<0.2	0.84	<5	20	<1	5	1.47	<1	9	142	220	1.75	<5	0.13	14	10	0.75	545	2	0.08	13	530	6	0.01	<5	5	<10	<5	36	0.07	<5	70	<5	9	36
107	101497	<0.2	0.68	<5	26	<1	5	1.47	<1	8	150	118	1.88	<5	0.15	14	8	0.51	375	2	0.08	11	540	6	<0.01	<5	5	<10	<5	40	0.10	<5	80	<5	10	20
108	101498	<0.2	0.75	<5	24	<1	10	1.17	<1	9	140	162	1.83	<5	0.16	14	10	0.61	365	1	0.07	11	510	6	<0.01	<5	4	<10	<5	36	0.10	<5	74	<5	9	30
109	101499	<0.2	0.70	<5	24	<1	10	1.33	<1	8	146	186	1.71	<5	0.17	14	6	0.54	410	3	0.07	11	510	6	0.01	<5	4	<10	<5	42	0.07	<5	66	<5	10	26
110	101500	<0.2	0.69	<5	36	<1	<5	1.20	<1	8	146	84	1.99	<5	0.18	16	10	0.47	320	1	0.07	10	500	6	<0.01	<5	4	<10	<5	38	0.12	<5	62	<5	9	22
111	286955	<0.2	0.69	<5	28	<1	<5	1.37	<1	8	152	74	1.57	<5	0.16	14	8	0.45	395	2	0.08	10	500	6	<0.01	<5	4	<10	<5	40	0.09	<5	64	<5	10	32
112	286956	<0.2	0.62	<5	32	<1	<5	2.70	<1	7	140	114	1.58	<5	0.17	14	8	0.42	775	1	0.07	9	490	3	<0.01	<5	4	<10	<5	48	0.08	<5	62	<5	14	30
113	286957	<0.2	0.81	<5	26	<1	10	1.74	<1	9	150	136	2.02	<5	0.18	14	12	0.59	580	1	0.06	11	500	6	<0.01	<5	4	<10	<5	36	0.09	<5	74	<5	10	42
114	286958	<0.2	0.79	<5	38	<1	5	1.29	<1	9	154	178	2.12	<5	0.20	12	10	0.58	460	1	0.06	11	510	6	<0.01	<5	4	<10	<5	32	0.10	<5	80	<5	9	40
115	286959	<0.2	0.95	<5	28	<1	5	1.59	<1	10	146	372	2.09	<5	0.20	12	12	0.74	470	6	0.07	13	590	6	0.02	<5	5	<10	<5	42	0.11	<5	84	<5	9	36
116	286960	<0.2	0.93	<5	28	<1	10	1.55	<1	10	144	366	2.03	<5	0.20	12	12	0.72	460	6	0.07	13	570	6	0.02	<5	5	<10	<5	42	0.11	<5	80	<5	9	36
117	286961	<0.2	1.16	<5	154	<1	10	1.67	<1	11	136	258	2.08	<5	0.14	10	12	0.80	460	5	0.07	16	630	9	0.02	<5	5	<10	<5	70	0.18	<5	96	<5	8	30
118	286962	<0.2	1.23	<5	76	<1	10	1.92	<1	12	138	108	2.37	<5	0.17	10	14	0.81	540	4	0.07	18	640	9	<0.01	<5	6	<10	<5	60	0.17	<5	108	<5	7	32
119	286963	<0.2	1.08	<5	44	<1	10	1.91	<1	12	128	230	2.29	<5	0.17	10	12	0.83	595	4	0.07	17	680	9	0.01	<5	5	<10	<5	54	0.16	<5	100	<5	8	34
120	286558	2.2	1.44	10	78	<1	<5	0.75	<1	11	48	7208	3.22	<5	0.15	4	10	0.73	440	53	0.11	28	580	18	0.78	5	5	<10	<5	42	0.16	<5	72	<5	7	66
121	286965	<0.2	1.51	<5	20	<1	10	3.40	<1	11	120	170	2.08	<5	0.26	10	12	1.09	1055	3	0.04	16	700	6	<0.01	<5	5	<10	<5	196	0.03	<5	66	<5	10	52
122	286966	<0.2	1.05	<5	28	<1	10	2.76	<1	12	120	114	2.64	<5	0.19	10	12	0.78	715	3	0.06	21	750	6	<0.01	<5	7	<10	<5	58	0.06	<5	102	<5	10	38
123	286967	<0.2	1.15	<5	26	<1	10	2.06	<1	11	116	104	2.57	<5	0.16	8	12	0.82	550	5	0.05	19	730	9	<0.01	<5	6	<10	<5	70	0.06	<5	98	<5	6	34
124	286968	<0.2	1.18	<5	48	<1	5	1.38	<1	10	120	200	2.47	<5	0.14	10	10	0.66	285	10	0.09	13	730	6	0.01	<5	3	<10	<5	54	0.18	<5	108	<5	7	20
125	286969	<0.2	1.14	<5	56	<1	<5	1.39	<1	11	130	118	2.41	<5	0.16	12	10	0.67	270	24	0.07	14	680	6	<0.01	<5	3	<10	<5	44	0.21	<5	110	<5	7	22

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
126	286970	<0.2	1.02	<5	110	<1	10	1.32	<1	10	134	158	2.26	<5	0.16	10	10	0.69	380	5	0.06	14	660	6	<0.01	<5	3	<10	<5	52	0.15	<5	100	<5	6	26
127	286972	<0.2	1.61	<5	16	<1	10	1.82	<1	12	82	188	2.13	<5	0.11	8	16	1.34	580	3	0.05	18	690	9	<0.01	<5	6	<10	<5	116	0.05	<5	78	<5	6	54
128	286559	2.4	1.37	10	72	<1	<5	0.79	<1	11	44	7216	3.32	<5	0.14	4	10	0.69	415	53	0.11	29	540	15	0.76	5	5	<10	<5	40	0.15	<5	66	<5	7	64
QC DATA:																																				
Repeat:																																				
1	101391	<0.2	0.37	10	80	<1	<5	0.98	2	3	150	88	0.93	<5	0.26	10	<2	0.08	475	<1	0.01	5	240	12	<0.01	35	<1	<10	<5	8	<0.01	<5	24	<5	6	170
10	101400	3.0	0.94	15	204	<1	10	1.36	2	10	120	1446	2.08	<5	0.39	10	12	0.42	780	7	0.01	12	450	27	0.22	60	<1	<10	<5	16	<0.01	<5	24	<5	6	284
19	101410	<0.2	0.85	10	398	<1	10	1.52	<1	9	118	956	2.14	<5	0.32	14	12	0.40	875	3	0.01	11	420	18	0.13	25	2	<10	<5	24	<0.01	<5	36	<5	10	164
36	101426	<0.2	0.48	<5	406	<1	10	0.85	<1	14	160	314	3.35	<5	0.33	16	4	0.72	1245	3	0.02	13	510	12	0.13	10	2	<10	<5	30	<0.01	<5	44	<5	6	184
46	101436	<0.2	0.43	10	1514	<1	5	4.32	<1	9	126	854	2.35	<5	0.30	12	4	1.05	1545	3	0.03	9	440	15	0.12	10	2	<10	<5	116	<0.01	<5	24	<5	14	82
55	101445	<0.2	0.58	<5	110	<1	10	2.93	<1	15	120	364	3.09	<5	0.33	16	4	1.35	1355	2	0.05	15	760	6	0.05	<5	2	<10	<5	74	<0.01	<5	44	<5	12	76
71	101461	0.4	0.84	5	82	<1	10	0.74	<1	19	150	1220	3.38	<5	0.33	8	8	0.67	1035	26	0.02	12	410	30	0.30	15	1	<10	<5	18	<0.01	<5	24	<5	7	86
81	101471	<0.2	1.26	<5	16	<1	10	1.40	<1	16	134	248	3.50	<5	0.28	10	12	0.83	895	1	0.04	14	560	6	0.01	<5	3	<10	<5	30	<0.01	<5	38	<5	9	78
89	101479	<0.2	0.61	10	48	<1	10	3.40	<1	13	86	412	3.16	<5	0.36	12	4	0.60	1335	3	0.03	13	940	18	0.07	25	4	<10	<5	56	<0.01	<5	80	<5	13	142
106	101496	<0.2	0.85	<5	20	<1	<5	1.46	<1	9	142	212	1.74	<5	0.14	14	12	0.77	559	1	0.08	13	540	6	0.01	<5	5	<10	<5	36	0.07	<5	72	<5	10	34
115	286959	<0.2	0.92	<5	28	<1	5	1.54	<1	10	146	358	2.07	<5	0.19	12	12	0.71	465	6	0.06	14	570	6	0.02	<5	5	<10	<5	40	0.11	<5	82	<5	9	36
Resplit:																																				
1	101391	<0.2	0.37	10	80	<1	<5	0.94	2	3	152	84	0.94	<5	0.26	8	<2	0.08	460	<1	0.01	4	240	9	<0.01	35	<1	<10	<5	8	<0.01	<5	24	<5	6	166
36	101426	<0.2	0.49	<5	386	<1	10	0.82	<1	13	174	334	3.32	<5	0.34	16	4	0.71	1230	3	0.02	13	490	15	0.12	10	2	<10	<5	28	<0.01	<5	44	<5	6	160
71	101461	0.6	0.83	5	82	<1	10	0.72	<1	20	146	1256	3.35	<5	0.33	8	8	0.66	1020	28	0.02	11	410	30	0.33	15	1	<10	<5	18	<0.01	<5	26	<5	7	84
106	101496	<0.2	0.87	<5	20	<1	5	1.48	<1	9	140	218	1.76	<5	0.14	14	12	0.78	565	2	0.08	13	550	6	0.01	<5	5	<10	<5	38	0.08	<5	74	<5	10	36
Standard:																																				
Pb129a		11.6	0.80	5	66	<1	5	0.46	59	6	12	1450	1.62	<5	0.11	4	<2	0.71	375	2	0.03	5	420	6210	0.78	15	<1	<10	<5	30	0.06	<5	22	<5	3	>10000
Pb129a		12.0	0.83	<5	62	<1	<5	0.45	59	6	12	1488	1.60	<5	0.11	4	<2	0.70	365	2	0.03	5	420	6165	0.83	15	<1	<10	<5	32	0.05	<5	18	<5	2	>10000
Pb129a		11.4	0.81	5	68	<1	5	0.44	56	6	12	1434	1.56	<5	0.11	4	<2	0.69	375	2	0.03	5	430	6216	0.79	15	<1	<10	<5	32	0.05	<5	20	<5	2	>10000
Pb129a		11.6	0.84	<5	66	<1	<5	0.47	54	6	12	1408	1.53	<5	0.11	4	<2	0.68	370	2	0.03	5	420	6246	0.80	15	<1	<10	<5	30	0.06	<5	20	<5	3	9978
Pb129a		11.8	0.85	<5	56	<1	<5	0.45	49	4	10	1362	1.55	<5	0.10	4	<2	0.68	365	2	0.03	4	420	6150	0.80	15	<1	<10	<5	32	0.04	<5	18	<5	2	>10000
Pb129a		11.6	0.80	<5	66	<1	<5	0.44	54	5	12	1402	1.57	<5	0.11	4	<2	0.68	370	2	0.03	5	420	6129	0.79	15	<1	<10	<5	30	0.05	<5	20	<5	2	>10000
Pb129a		11.6	0.84	<5	68	<1	<5	0.47	55	5	12	1370	1.55	<5	0.10	4	<2	0.67	370	2	0.03	5	420	6147	0.81	15	<1	<10	<5	32	0.04	<5	20	<5	2	>10000

ICP: Aqua Regia Digest / ICP- AES Finish.

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df/1_554S
XLS/11

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Geochemical & Assay

CERTIFICATE OF ASSAY AK 2011-0599

Logan Copper
Suite 216-7198 Vantage Way
Delta, BC
V4G 1K7

13-May-11

No. of samples received: 171
Sample Type: Core
Submitted by: Tessa Scott

ET #.	Tag #	Cu (%)
42	286563	1.28
101	103386	1.24
102	103387	1.25
115	103400	1.30
145	103430	1.27

QC DATA:
Standard:
Cu120 1.51

FA/AA Finish

NM/EL
XLS/11

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Geochemical & Assay

CERTIFICATE OF ANALYSIS AK 2011-0599

Logan Copper
Suite 216-7198 Vantage Way
Delta, BC
V4G 1K7

12-May-11

No. of samples received: 171
Sample Type: Core
Submitted by: Tessa Scott

ET #.	Tag #	Au (ppb)
1	105001	10
2	105002	5
3	105003	5
4	105004	5
5	105005	5
6	105006	5
7	105007	15
8	105008	5
9	105009	5
10	105010	10
11	286560	630
12	105011	10
13	105012	10
14	105013	5
15	105014	5
16	286561	<5
17	105016	<5
18	105017	5
19	105018	5
20	105019	10
21	105020	10
22	105021	15
23	105022	10
24	105023	10
25	105024	5
26	105025	10
27	105026	5
28	105027	10
29	105028	10
30	105029	5

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Logan Copper AK11-0599

12-May-11

ET #.	Tag #	Au (ppb)
31	286562	630
32	105031	5
33	105032	5
34	105033	5
35	105034	10
36	105035	5
37	105036	15
38	105037	5
39	105038	5
40	105039	5
41	105040	5
42	286563	940
43	105041	30
44	105042	5
45	105043	10
46	105044	10
47	286564	645
48	105046	10
49	105047	40
50	105048	10
51	105049	10
52	105050	10
53	105051	10
54	105052	10
55	105053	10
56	105054	10
57	105055	15
58	105056	10
59	105057	10
60	105058	10
61	105059	5
62	286565	<5
63	105061	10
64	105062	15
65	103351	15
66	103352	10
67	103353	10
68	103354	10
69	103355	10
70	103356	5
71	103357	5
72	103358	10

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Logan Copper AK11-0599 12-May-11

ET #.	Tag #	Au (ppb)
73	286566	650
74	103359	5
75	103360	5
76	103361	10
77	103362	5
78	103363	<5
79	103364	5
80	103365	5
81	103366	5
82	103367	5
83	103368	5
84	103369	5
85	103370	5
86	103371	5
87	103372	5
88	103373	<5
89	103374	5
90	103375	5
91	103376	<5
92	103377	5
93	103378	<5
94	103379	5
95	103380	<5
96	103381	<5
97	103382	<5
98	103383	5
99	103384	10
100	103385	10
101	103386	975
102	103387	995
103	103388	<5
104	103389	635
105	103390	20
106	103391	<5
107	103392	<5
108	103393	<5
109	103394	<5
110	103395	<5
111	103396	<5
112	103397	5
113	103398	<5
114	103399	10

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Logan Copper AK11-0599 12-May-11

ET #.	Tag #	Au (ppb)
115	103400	990
116	103401	5
117	103402	<5
118	103403	5
119	103404	<5
120	103405	10
121	103406	10
122	103407	5
123	103408	<5
124	103409	5
125	103410	5
126	103411	650
127	103412	5
128	103413	5
129	103414	5
130	103415	5
131	103416	5
132	103417	<5
133	103418	5
134	103419	5
135	103420	5
136	103421	<5
137	103422	5
138	103423	<5
139	103424	<5
140	103425	5
141	103426	5
142	103427	5
143	103428	5
144	103429	<5
145	103430	990
146	103431	5
147	103432	5
148	103433	<5
149	103434	<5
150	103435	5
151	103436	<5
152	103437	10
153	103438	<5
154	103439	5
155	103440	655
156	103441	5

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Logan Copper AK11-0599 12-May-11

ET #.	Tag #	Au (ppb)
157	103442	<5
158	103443	5
159	103444	5
160	103445	5
161	103446	5
162	103447	5
163	103448	5
164	103449	<5
165	103450	<5
166	103451	<5
167	103452	5
168	103453	<5
169	103454	5
170	103455	5
171	103456	<5

QC DATA:

Repeat:

1	105001	5
10	105010	10
19	105018	5
36	105035	5
45	105043	5
54	105052	5
71	103357	5
80	103365	10
89	103374	<5
106	103391	5
116	103401	5
124	103409	5
141	103426	5
150	103435	<5
159	103444	<5

Resplit:

1	105001	10
36	105035	5
71	103357	10
106	103391	<5

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Logan Copper AK11-0599 12-May-11

ET #.	Tag #	Au (ppb)
141	103426	5
Standard:		
OXE86		600
OXG83		1000
OXE86		595
OXG83		995
OXE86		595

FA Geochem/AA Finish

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NM/kk/ei
XLS/11

12-May-11

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ICP CERTIFICATE OF ANALYSIS AK 2011-0599

Logan Copper
Suite 216-7198 Vantage Way
Delta, BC
V4G 1K7

No. of samples received: 171
Sample Type: Core
Submitted by: Tessa Scott

Values in ppm unless otherwise reported

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
1	105001	<0.2	1.08	<5	40	<1	<5	0.36	5	11	100	284	2.42	<5	0.18	12	12	0.78	375	1	0.07	12	520	6	<0.01	<5	5	<10	<5	24	0.11	<5	90	<5	8	46
2	105002	<0.2	1.06	<5	40	<1	<5	0.28	8	10	92	368	2.41	<5	0.20	14	10	0.70	420	1	0.05	12	510	6	<0.01	<5	4	<10	<5	18	0.06	<5	80	<5	9	68
3	105003	<0.2	0.96	<5	50	<1	<5	0.25	6	8	82	416	2.26	<5	0.21	18	6	0.52	310	1	0.04	11	530	6	<0.01	<5	3	<10	<5	14	<0.01	<5	74	<5	10	112
4	105004	<0.2	0.99	<5	96	<1	<5	0.23	3	8	72	562	2.20	<5	0.24	18	6	0.46	535	1	0.03	11	520	12	<0.01	5	2	<10	<5	12	<0.01	<5	56	<5	9	342
5	105005	0.2	0.93	5	62	<1	<5	0.23	2	8	56	394	2.04	<5	0.28	14	6	0.40	380	<1	0.02	11	530	6	<0.01	15	2	<10	<5	12	<0.01	<5	50	<5	8	372
6	105006	0.4	0.95	10	50	<1	<5	0.25	3	8	78	578	2.17	<5	0.25	10	6	0.32	270	<1	0.02	11	560	12	<0.01	15	2	<10	<5	12	<0.01	<5	44	<5	7	538
7	105007	<0.2	1.71	15	92	<1	<5	0.37	5	18	32	596	3.40	<5	0.33	30	14	0.68	910	1	0.03	15	940	45	<0.01	40	2	<10	<5	16	<0.01	<5	42	<5	12	622
8	105008	<0.2	1.94	15	72	<1	<5	0.41	5	16	24	846	4.26	<5	0.31	28	18	0.71	580	1	0.03	18	930	15	<0.01	20	2	<10	<5	20	<0.01	<5	42	<5	12	922
9	105009	<0.2	1.05	<5	74	<1	<5	0.35	1	8	54	518	1.78	<5	0.31	12	6	0.28	400	<1	0.02	9	840	6	<0.01	5	2	<10	<5	16	<0.01	<5	24	<5	11	406
10	105010	<0.2	1.15	5	230	<1	<5	0.53	2	14	64	744	1.55	<5	0.38	20	6	0.28	1135	2	0.02	8	1580	111	<0.01	15	2	<10	<5	18	<0.01	<5	32	<5	26	350
11	286560	2.6	1.50	10	78	<1	<5	0.74	<1	12	44	7252	3.23	<5	0.14	4	10	0.74	420	62	0.15	27	560	<3	0.78	5	5	<10	<5	42	0.14	5	68	<5	6	64
12	105011	0.2	0.91	10	112	<1	<5	0.19	2	12	106	650	2.12	<5	0.25	8	12	0.26	725	2	0.02	12	640	57	<0.01	25	1	<10	<5	6	<0.01	<5	20	<5	10	498
13	105012	0.4	0.63	10	52	<1	<5	0.13	1	7	66	504	1.27	<5	0.28	6	6	0.14	270	1	0.01	8	350	24	<0.01	30	1	<10	<5	6	<0.01	<5	14	<5	6	394
14	105013	<0.2	0.84	10	54	<1	<5	0.18	1	9	56	680	1.78	<5	0.30	8	6	0.23	310	1	0.02	9	410	24	<0.01	25	<1	<10	<5	10	<0.01	<5	20	<5	5	310
15	105014	<0.2	0.82	<5	114	<1	<5	0.20	<1	7	58	510	1.54	<5	0.28	8	4	0.22	515	1	0.03	8	430	15	<0.01	10	<1	<10	<5	12	<0.01	<5	24	<5	5	416
16	286561	<0.2	1.15	<5	102	<1	<5	0.66	<1	13	48	24	2.02	<5	0.12	6	8	0.53	365	3	0.13	31	500	9	0.04	<5	4	<10	<5	40	0.12	<5	56	<5	7	38
17	105016	<0.2	0.73	<5	40	<1	<5	0.18	<1	6	54	428	1.47	<5	0.31	8	6	0.15	185	<1	0.03	7	430	24	<0.01	5	1	<10	<5	10	<0.01	<5	30	<5	5	196
18	105017	<0.2	0.74	<5	226	<1	<5	1.54	3	6	62	202	1.38	<5	0.30	10	6	0.31	360	1	0.05	7	440	15	<0.01	5	2	<10	<5	20	<0.01	<5	34	<5	6	122
19	105018	<0.2	0.73	<5	64	<1	<5	1.52	3	6	56	262	1.40	<5	0.31	12	6	0.28	375	4	0.03	7	450	15	<0.01	10	1	<10	<5	18	<0.01	<5	30	<5	6	148
20	105019	<0.2	0.81	<5	104	<1	<5	1.67	<1	8	64	166	1.79	<5	0.27	8	6	0.51	615	3	0.05	8	500	9	0.02	<5	2	<10	<5	22	<0.01	<5	46	<5	7	116
21	105020	<0.2	0.83	<5	28	<1	<5	1.70	<1	8	76	464	1.91	<5	0.29	10	6	0.50	535	4	0.04	9	520	15	0.05	<5	2	<10	<5	24	<0.01	<5	48	<5	7	88
22	105021	1.0	1.01	15	44	<1	<5	1.42	<1	10	120	1546	1.99	<5	0.28	6	8	0.54	1065	10	0.03	9	360	33	0.29	20	1	<10	<5	24	<0.01	5	28	<5	6	218
23	105022	<0.2	0.86	<5	48	<1	<5	1.15	<1	8	98	562	1.88	<5	0.27	10	6	0.54	655	4	0.04	9	440	24	0.06	<5	2	<10	<5	16	<0.01	<5	42	<5	6	156
24	105023	<0.2	1.04	<5	232	<1	<5	1.56	<1	10	110	968	2.38	<5	0.23	10	8	0.75	940	6	0.06	12	500	27	0.17	<5	2	<10	<5	26	<0.01	5	52	<5	9	186
25	105024	<0.2	0.87	<5	280	<1	<5	1.55	3	8	96	478	2.02	<5	0.26	14	6	0.53	640	3	0.05	11	500	9	0.02	<5	2	<10	<5	24	<0.01	<5	62	<5	9	140
26	105025	<0.2	1.11	5	44	<1	<5	0.18	1	12	114	638	2.47	<5	0.25	14	8	0.61	890	2	0.03	12	490	18	<0.01	10	2	<10	<5	8	<0.01	<5	48	<5	8	326
27	105026	<0.2	1.13	<5	58	<1	<5	0.18	2	11	90	868	2.31	<5	0.24	16	8	0.65	870	1	0.03	12	480	12	<0.01	5	2	<10	<5	10	<0.01	<5	46	<5	7	456
28	105027	<0.2	1.00	<5	80	<1	<5	0.20	2	10	86	834	2.35	<5	0.25	18	6	0.56	695	1	0.03	11	520	9	<0.01	<5	3	<10	<5	12	<0.01	<5	72	<5	9	300
29	105028	<0.2	1.01	<5	172	<1	<5	0.75	2	10	94	528	2.37	<5	0.22	14	8	0.68	690	1	0.04	11	500	9	<0.01	<5	3	<10	<5	18	0.01	<5	72	<5	9	166
30	105029	<0.2	1.12	<5	114	<1	<5	0.25	1	10	114	472	2.48	<5	0.21	12	10	0.73	1135	1	0.04	11	460	3	<0.01	<5	3	<10	<5	14	0.02	<5	60	<5	9	264

Et #	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
31	286562	2.4	1.47	10	68	<1	<5	0.74	<1	12	44	7316	3.21	<5	0.14	4	10	0.70	415	60	0.13	27	540	<3	0.76	5	5	<10	<5	44	0.14	5	68	<5	6	66
32	105031	<0.2	1.04	<5	296	<1	<5	0.92	1	10	96	560	2.36	<5	0.21	12	8	0.71	990	1	0.04	11	450	9	<0.01	<5	3	<10	<5	16	<0.01	<5	56	<5	10	164
33	105032	<0.2	0.96	<5	80	<1	<5	1.14	<1	9	110	398	2.28	<5	0.20	14	8	0.67	715	1	0.04	11	480	9	<0.01	<5	3	<10	<5	20	0.02	<5	70	<5	10	134
34	105033	<0.2	1.03	<5	176	<1	<5	1.34	<1	10	108	302	2.26	<5	0.23	14	8	0.68	1000	1	0.03	11	450	9	<0.01	<5	2	<10	<5	18	<0.01	<5	54	<5	10	144
35	105034	<0.2	1.47	<5	156	<1	<5	0.65	<1	14	104	560	3.21	<5	0.22	14	12	0.83	1675	1	0.03	11	430	12	<0.01	<5	2	<10	<5	12	<0.01	<5	44	<5	11	270
36	105035	<0.2	1.43	<5	70	<1	<5	0.12	<1	14	146	754	3.14	<5	0.23	10	12	0.76	1750	3	0.03	11	400	9	<0.01	5	2	<10	<5	6	<0.01	<5	36	<5	9	242
37	105036	0.2	1.30	10	158	<1	<5	0.10	<1	14	192	930	3.08	<5	0.20	6	10	0.73	1700	6	0.02	10	290	12	<0.01	15	1	<10	<5	6	<0.01	<5	34	<5	5	240
38	105037	<0.2	1.48	<5	78	<1	<5	0.78	2	14	132	630	2.91	<5	0.29	14	12	0.84	1835	3	0.02	13	500	12	<0.01	5	2	<10	<5	10	<0.01	<5	40	<5	10	272
39	105038	<0.2	1.20	<5	98	<1	<5	0.29	<1	11	124	504	2.56	<5	0.24	12	8	0.73	1300	3	0.03	12	460	6	<0.01	<5	3	<10	<5	16	0.01	<5	54	<5	9	234
40	105039	<0.2	1.21	<5	100	<1	<5	0.19	1	10	112	496	2.64	<5	0.23	14	8	0.75	1060	3	0.04	12	490	6	<0.01	<5	3	<10	<5	14	<0.01	<5	58	<5	9	234
41	105040	<0.2	1.26	<5	102	<1	<5	0.26	4	12	110	260	2.59	<5	0.21	14	8	0.81	1070	3	0.04	12	500	6	<0.01	<5	3	<10	<5	16	0.01	<5	60	<5	9	274
42	286563	4.0	1.41	15	76	<1	5	0.73	2	14	44	>10000	3.69	<5	0.14	4	10	0.67	405	206	0.13	26	550	15	1.59	20	4	<10	<5	42	0.13	5	66	<5	6	140
43	105041	<0.2	1.23	<5	56	<1	<5	0.30	3	10	120	256	2.48	<5	0.19	14	8	0.80	670	2	0.04	13	520	6	<0.01	<5	3	<10	<5	18	0.02	<5	76	<5	10	208
44	105042	0.4	1.30	5	142	<1	<5	0.30	3	13	106	524	2.38	<5	0.21	16	6	0.66	885	4	0.02	11	560	51	<0.01	10	2	<10	<5	20	<0.01	<5	62	<5	11	330
45	105043	<0.2	1.27	<5	64	<1	<5	0.27	7	11	122	316	2.43	<5	0.19	14	8	0.72	560	2	0.03	12	510	9	<0.01	5	2	<10	<5	18	<0.01	<5	72	<5	8	242
46	105044	<0.2	1.33	5	104	<1	<5	0.21	6	12	114	428	3.06	<5	0.24	14	8	0.74	1180	3	0.03	12	490	33	<0.01	10	2	<10	<5	14	<0.01	<5	52	<5	8	284
47	286564	2.6	1.48	10	72	<1	<5	0.77	<1	12	44	7240	3.28	<5	0.14	4	10	0.71	425	61	0.13	27	540	<3	0.77	5	5	<10	<5	44	0.14	<5	70	<5	6	66
48	105046	<0.2	1.24	5	98	<1	<5	0.23	4	11	96	474	2.73	<5	0.22	16	8	0.68	915	2	0.03	12	500	9	<0.01	10	2	<10	<5	16	<0.01	<5	62	<5	8	484
49	105047	<0.2	1.28	5	146	<1	<5	0.18	4	12	112	618	2.96	<5	0.23	12	8	0.71	1330	3	0.03	12	470	9	<0.01	10	2	<10	<5	12	<0.01	<5	54	<5	8	1376
50	105048	<0.2	1.39	<5	116	<1	<5	0.20	4	12	110	740	2.87	<5	0.23	14	8	0.80	1235	3	0.03	15	510	6	<0.01	5	3	<10	<5	14	<0.01	<5	62	<5	10	2342
51	105049	<0.2	1.35	<5	66	<1	<5	0.14	3	12	122	620	3.03	<5	0.18	10	8	0.75	1310	3	0.04	12	420	6	<0.01	5	2	<10	<5	8	<0.01	<5	48	<5	8	958
52	105050	<0.2	0.95	<5	52	<1	<5	0.09	2	10	178	294	2.17	<5	0.21	10	6	0.49	905	4	0.02	12	320	18	<0.01	15	1	<10	<5	6	<0.01	<5	34	<5	5	526
53	105051	<0.2	1.09	<5	52	<1	<5	0.15	3	12	118	448	2.45	<5	0.27	14	6	0.59	940	2	0.02	13	520	18	<0.01	10	2	<10	<5	8	<0.01	<5	46	<5	8	656
54	105052	<0.2	1.06	5	52	<1	<5	0.12	2	12	140	400	2.44	<5	0.25	14	8	0.55	945	4	0.02	13	420	15	<0.01	10	1	<10	<5	6	<0.01	<5	38	<5	7	478
55	105053	<0.2	0.84	<5	116	<1	<5	0.16	3	8	108	522	2.16	<5	0.28	14	4	0.32	725	3	0.02	11	490	15	<0.01	15	1	<10	<5	10	<0.01	<5	56	<5	8	794
56	105054	<0.2	0.91	<5	68	<1	<5	0.18	3	9	88	722	2.20	<5	0.23	16	4	0.40	645	2	0.03	12	510	9	<0.01	5	2	<10	<5	10	<0.01	<5	66	<5	9	1440
57	105055	<0.2	0.97	<5	100	<1	<5	0.20	3	8	92	642	2.17	<5	0.26	16	6	0.40	710	3	0.02	11	540	15	<0.01	10	2	<10	<5	12	<0.01	<5	66	<5	9	1370
58	105056	<0.2	1.16	<5	82	<1	<5	0.16	3	11	104	628	2.46	<5	0.25	16	6	0.62	1060	3	0.02	13	500	12	<0.01	10	2	<10	<5	10	<0.01	<5	54	<5	9	1036
59	105057	<0.2	1.18	<5	52	<1	<5	0.14	3	12	114	372	2.73	<5	0.24	14	8	0.63	1125	2	0.02	12	510	6	<0.01	15	1	<10	<5	6	<0.01	<5	40	<5	8	532
60	105058	0.2	0.63	<5	28	<1	<5	0.07	1	7	176	164	1.47	<5	0.20	8	4	0.26	555	4	0.01	9	210	12	<0.01	15	<1	<10	<5	4	<0.01	<5	16	<5	3	268
61	105059	0.2	1.18	5	42	<1	<5	0.11	2	14	120	336	2.84	<5	0.22	14	8	0.59	1120	3	0.02	12	420	33	<0.01	30	1	<10	<5	6	<0.01	<5	30	<5	6	536
62	286565	<0.2	1.14	<5	102	<1	<5	0.69	<1	13	52	22	2.09	<5	0.10	6	8	0.52	375	3	0.11	31	480	6	0.04	<5	4	<10	<5	40	0.12	<5	60	<5	7	40
63	105061	<0.2	1.06	5	50	<1	<5	0.16	3	11	116	498	2.56	<5	0.25	16	6	0.57	925	3	0.02	13	570	15	<0.01	25	2	<10	<5	8	<0.01	<5	48	<5	8	762
64	105062	0.2	1.29	5	44	<1	<5	0.10	2	15	118	392	3.24	<5	0.22	14	10	0.67	1245	2	0.02	12	370	45	<0.01	20	1	<10	<5	4	<0.01	<5	40	<5	7	578
65	103351	0.4	1.00	5	40	<1	<5	0.14	2	11	120	332	2.37	<5	0.27	16	6	0.56	780	3	0.02	13	510	36	<0.01	20	2	<10	<5	6	<0.01	<5	52	<5	7	532
66	103352	0.4	1.40	10	34	<1	<5	0.12	2	15	132	334	3.65	<5	0.24	18	10	0.75	1180	2	0.03	14	460	24	<0.01	30	2	<10	<5	6	<0.01	<5	50	<5	8	604
67	103353	0.4	1.00	10	38	<1	<5	0.14	1	14	116	298	2.60	<5	0.26	16	8	0.53	625	3	0.02	13	520	21	<0.01	30	1	<10	<5	6	<0.01	<5	62	<5	8	542
68	103354	0.8	1.23	10	58	<1	<5	0.22	4	16	124	520	3.32	<5	0.26	14	10	0.54	955	3	0.03	12	840	36	<0.01	25	2	<10	<5	8	<0.01	<5	58	<5	9	716
69	103355	0.8	0.51	40	582	<1	<5	0.31	9	5	116	880	0.86	<5	0.26	12	<2	0.13	660	2	0.01	6	340	36	0.01	125	1	<10	<5	10	<0.01	<5	20	<5	6	842
70	103356	1.0	0.56	50	204	<1	<5	1.00	24	6	130	868	0.95	<5	0.26	12	2	0.17	730	3	0.01	6	310	30	<0.01	100	<1	<10	<5	10	<0.01	<5	16	<5	7	416
71	103357	0.8	1.21	20	64	<1	<5	0.78	11	13	140	1268	2.88	<5	0.27	10	10	0.56	1175	3	0.02	13	340	69	<0.01	75	1	<10	<5	8	<0.01	<5	38	<5	6	492
72	103358	0.6	1.59	20	74	<1	<5	0.14	1	26	150	1242	4.44	<5	0.26	12	12	0.65	1435	4	0.03	13	360	36	<0.01	85	1	<10	<5	8	<0.01	5	36	<5	5	470
73	286566	2.4	1.46	10	80	<1	<5	0.77	<1	12	46	7264	3.31	<5	0.13	4	10	0.70	435	58	0.12	27	530	<3	0.75	5	5	<10	<5	42	0.14	<5	70	<5	6	70
74	103359	0.4	1.56	10	44	<1	<5	0.13	<1	17	158	650	4.41	<5	0.29	16	12	0.75	1175	4	0.03	15	440	12	<0.01	45	2	<10	<5	10	<0.01	<5	48	<5	5	512
75	103360	0.4	1.56	10	72	<1	<5	0.13	<1	15	156	520	3.95	<5	0.31	16	12	0.76	1240	3	0.03	14	420	15	<0.01	35	2	<10	<5	10	<0.01	<5	46	<5	6	330

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
76	103361	0.4	1.60	10	56	<1	<5	0.12	<1	16	158	538	4.21	<5	0.29	14	12	0.76	1280	4	0.03	13	420	15	<0.01	50	1	<10	<5	10	<0.01	<5	40	<5	5	274
77	103362	0.6	1.60	5	62	<1	<5	0.27	1	14	108	848	3.30	<5	0.29	12	12	0.84	1035	3	0.03	12	500	18	<0.01	35	1	<10	<5	18	<0.01	<5	36	<5	6	284
78	103363	0.2	1.53	<5	70	<1	<5	1.09	2	12	116	520	2.95	<5	0.27	20	10	0.89	1070	2	0.03	14	520	12	<0.01	15	2	<10	<5	24	<0.01	<5	56	<5	9	258
79	103364	0.4	1.24	<5	82	<1	<5	1.10	3	11	124	376	2.60	<5	0.27	14	8	0.66	945	3	0.03	12	410	12	<0.01	20	2	<10	<5	20	<0.01	<5	52	<5	8	238
80	103365	0.4	1.14	10	326	<1	<5	1.22	4	12	136	522	2.71	<5	0.29	16	10	0.61	1895	4	0.02	13	440	33	<0.01	40	2	<10	<5	18	<0.01	<5	48	<5	9	308
81	103366	0.4	1.18	20	1286	<1	<5	1.93	6	13	140	512	2.54	<5	0.28	12	8	0.56	2190	5	0.03	11	460	21	<0.01	70	1	<10	<5	30	<0.01	<5	42	<5	8	328
82	103367	0.2	0.96	15	700	<1	<5	1.31	1	15	126	346	3.46	<5	0.28	14	6	0.40	1315	2	0.03	15	460	15	<0.01	65	2	<10	<5	26	<0.01	<5	54	<5	8	268
83	103368	<0.2	0.76	10	448	<1	<5	1.52	<1	10	104	462	2.89	<5	0.32	14	4	0.23	700	5	0.03	12	490	9	0.04	30	2	<10	<5	20	<0.01	<5	46	<5	9	150
84	103369	<0.2	0.51	<5	484	<1	<5	1.66	<1	12	106	434	3.01	<5	0.33	16	4	0.50	1260	4	0.03	11	490	9	0.08	10	2	<10	<5	28	<0.01	5	56	<5	9	178
85	103370	1.4	0.63	10	54	<1	<5	1.19	<1	23	98	2104	4.54	<5	0.38	10	4	0.83	1570	15	0.04	16	560	3	0.25	30	2	<10	<5	26	<0.01	10	46	<5	8	190
86	103371	0.8	0.58	10	22	<1	<5	2.04	<1	26	74	1358	4.46	<5	0.36	14	4	0.90	1635	5	0.04	17	700	9	0.13	25	3	<10	<5	38	<0.01	5	44	<5	11	236
87	103372	1.8	0.62	20	16	<1	<5	1.79	1	24	86	628	4.29	<5	0.39	12	4	1.08	1470	3	0.04	20	820	12	0.04	80	2	<10	<5	46	<0.01	10	56	<5	10	314
88	103373	0.4	0.98	<5	144	<1	<5	2.24	<1	27	78	840	4.52	<5	0.36	10	6	1.22	1665	6	0.04	21	710	6	0.09	10	3	<10	<5	50	<0.01	10	56	<5	11	288
89	103374	0.2	1.30	<5	340	<1	<5	2.61	<1	22	112	642	3.45	<5	0.33	12	10	0.79	1580	7	0.03	16	470	6	0.11	<5	2	<10	<5	34	<0.01	<5	40	<5	9	158
90	103375	0.6	0.81	<5	556	<1	<5	2.12	<1	17	92	1498	2.72	<5	0.35	14	6	0.45	1170	13	0.03	10	430	<3	0.28	5	2	<10	<5	46	<0.01	<5	24	<5	9	106
91	103376	0.4	0.90	<5	234	<1	<5	2.88	<1	16	94	750	2.81	<5	0.34	14	6	0.55	1170	10	0.03	14	470	3	0.09	5	2	<10	<5	40	<0.01	5	44	<5	12	94
92	103377	0.2	1.23	<5	364	<1	<5	2.50	<1	19	130	540	3.29	<5	0.32	14	8	0.89	1250	7	0.03	17	610	3	0.22	<5	2	<10	<5	40	<0.01	10	40	<5	12	100
93	103378	<0.2	1.52	<5	50	<1	<5	3.11	<1	19	84	294	3.16	<5	0.28	14	10	1.22	1500	3	0.03	20	700	6	0.02	<5	3	<10	<5	40	<0.01	5	58	<5	13	92
94	103379	<0.2	1.23	<5	58	<1	<5	1.98	<1	15	110	230	2.88	<5	0.23	12	8	1.00	1260	3	0.04	15	670	3	<0.01	<5	3	<10	<5	30	<0.01	<5	66	<5	10	92
95	103380	<0.2	1.23	<5	350	<1	<5	3.08	<1	15	90	246	2.88	<5	0.22	14	8	1.04	1525	3	0.04	15	610	3	<0.01	<5	2	<10	<5	46	<0.01	5	62	<5	14	92
96	103381	<0.2	1.32	<5	262	<1	<5	1.96	<1	16	120	438	3.10	<5	0.25	12	8	1.06	1250	3	0.05	17	620	3	0.03	<5	2	<10	<5	38	<0.01	<5	64	<5	11	88
97	103382	0.2	1.35	<5	360	<1	<5	1.89	<1	18	116	406	3.19	<5	0.22	14	8	1.03	1375	2	0.05	17	630	6	0.03	<5	2	<10	<5	32	<0.01	5	50	<5	10	104
98	103383	0.2	1.49	<5	382	<1	<5	2.43	<1	21	92	1328	3.93	<5	0.27	14	10	1.11	1535	3	0.04	17	710	9	0.13	<5	3	<10	<5	46	<0.01	5	54	<5	13	116
99	103384	1.4	1.75	<5	54	<1	<5	1.27	<1	23	156	7166	4.62	<5	0.31	12	14	1.09	1150	26	0.04	15	510	<3	0.75	<5	2	<10	<5	28	<0.01	5	38	<5	9	66
100	103385	0.6	1.91	<5	38	<1	<5	1.75	<1	26	134	2924	5.29	<5	0.31	16	16	1.31	1385	7	0.04	17	650	<3	0.39	<5	3	<10	<5	38	<0.01	10	50	<5	12	78
101	103386	4.2	1.43	15	80	<1	5	0.77	2	14	46	>10000	3.87	<5	0.14	4	10	0.69	415	213	0.12	26	540	18	1.58	20	5	<10	<5	42	0.14	5	70	<5	6	150
102	103387	4.2	1.41	15	78	<1	5	0.74	2	14	44	>10000	3.74	<5	0.13	4	10	0.68	405	215	0.12	26	540	18	1.57	20	5	<10	<5	42	0.13	5	68	<5	6	148
103	103388	<0.2	1.10	<5	106	<1	<5	0.71	<1	13	50	26	2.10	<5	0.10	6	8	0.53	380	3	0.11	31	480	6	0.04	<5	4	<10	<5	38	0.13	<5	62	<5	7	42
104	103389	2.6	1.47	10	74	<1	<5	0.79	<1	12	46	7300	3.31	<5	0.13	4	10	0.70	430	62	0.12	27	530	<3	0.74	5	5	<10	<5	42	0.14	5	72	<5	7	68
105	103390	<0.2	2.06	<5	34	<1	<5	2.47	<1	24	124	20	5.35	<5	0.27	10	16	1.37	1320	2	0.04	20	790	9	<0.01	<5	4	<10	<5	62	0.01	10	58	<5	12	66
106	103391	<0.2	1.97	<5	76	<1	<5	2.77	<1	22	148	40	4.46	<5	0.30	12	16	1.36	1265	2	0.04	22	810	9	<0.01	<5	5	<10	<5	66	<0.01	5	58	<5	12	54
107	103392	<0.2	1.86	<5	42	<1	<5	2.83	<1	22	96	52	5.04	<5	0.31	12	16	1.26	1335	2	0.04	19	800	9	<0.01	<5	4	<10	<5	58	<0.01	10	62	<5	12	66
108	103393	0.4	1.99	<5	26	<1	<5	1.79	<1	31	132	1562	6.35	<5	0.27	6	18	1.21	1480	7	0.04	16	590	3	0.15	<5	2	<10	<5	32	<0.01	10	42	<5	9	74
109	103394	1.0	1.46	<5	52	<1	<5	2.23	<1	21	98	244	4.96	<5	0.30	12	12	1.01	1320	5	0.12	16	640	18	0.08	<5	3	<10	<5	56	<0.01	10	48	<5	10	82
110	103395	0.6	0.81	5	46	<1	<5	4.00	<1	14	70	452	3.91	<5	0.25	12	8	0.48	1265	2	0.04	11	610	9	0.12	15	3	<10	<5	58	<0.01	10	34	<5	12	104
111	103396	<0.2	0.87	<5	106	<1	<5	3.57	<1	13	78	274	2.65	<5	0.29	10	8	0.57	1015	6	0.03	14	710	6	0.05	<5	2	<10	<5	54	<0.01	<5	70	<5	9	86
112	103397	0.2	0.75	5	148	<1	<5	2.88	<1	9	108	624	1.91	<5	0.25	8	6	0.44	835	8	0.04	12	590	15	0.14	15	2	<10	<5	42	<0.01	<5	44	<5	8	84
113	103398	<0.2	0.76	<5	294	<1	<5	3.57	<1	9	108	300	2.25	<5	0.25	12	6	0.44	1060	2	0.04	11	570	9	0.06	5	3	<10	<5	60	<0.01	<5	48	<5	10	82
114	103399	0.6	1.29	15	44	<1	<5	3.13	1	14	98	320	2.68	<5	0.24	12	12	0.87	1120	1	0.03	15	590	6	<0.01	30	3	<10	<5	62	<0.01	<5	40	<5	9	108
115	103400	4.4	1.40	15	78	<1	5	0.75	2	14	48	>10000	3.86	<5	0.13	4	10	0.69	425	203	0.12	27	550	18	1.60	20	5	<10	<5	42	0.13	<5	70	<5	6	152
116	103401	<0.2	0.73	5	326	<1	<5	2.87	<1	9	126	292	2.09	<5	0.24	14	8	0.36	870	2	0.03	11	480	12	0.03	10	2	<10	<5	40	<0.01	<5	54	<5	10	76
117	103402	<0.2	0.47	10	554	<1	<5	3.48	<1	5	134	346	1.46	<5	0.23	16	4	0.16	955	2	0.03	7	470	9	0.04	25	2	<10	<5	50	<0.01	<5	40	<5	11	52
118	103403	<0.2	1.06	<5	358	<1	<5	2.02	<1	13	136	382	2.64	<5	0.22	12	12	0.64	825	5	0.04	14	510	3	0.03	5	2	<10	<5	34	<0.01	<5	56	<5	9	100
119	103404	1.0	0.85	75	274	<1	<5	3.24	<1	12	106	3608	1.99	10	0.24	12	6	0.56	1055	30	0.04	11	540	51	0.34	200	2	<10	<5	44	<0.01	5	36	<5	11	166
120	103405	0.8	1.10	<5	184	<1	<5	4.91	<1	15	88	624	3.06	<5	0.31	14	16	0.58	1400	3	0.03	12	810	6	0.04	5	3	<10	<5	66	<0.01	<5	54	<5	14	134

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
121	103406	3.8	0.88	30	310	<1	<5	4.35	<1	12	80	2602	2.45	<5	0.33	12	8	0.51	1255	10	0.03	11	720	<3	0.12	75	3	<10	<5	68	<0.01	<5	48	<5	12	130
122	103407	0.2	0.88	<5	178	<1	<5	4.61	<1	12	62	198	2.24	<5	0.28	12	8	0.49	1330	4	0.03	10	690	6	<0.01	<5	2	<10	<5	68	<0.01	<5	34	<5	11	96
123	103408	0.2	1.02	<5	110	<1	<5	4.55	<1	15	72	210	2.96	<5	0.23	12	8	0.85	1530	2	0.04	13	910	9	<0.01	<5	5	<10	<5	62	0.01	5	88	<5	11	104
124	103409	<0.2	1.26	<5	42	<1	<5	3.53	<1	17	96	258	3.57	<5	0.24	12	10	1.16	1335	2	0.05	15	870	9	<0.01	<5	6	<10	<5	60	<0.01	5	100	<5	12	104
125	103410	0.2	1.44	<5	38	<1	<5	3.76	<1	20	68	342	3.71	<5	0.22	12	10	1.51	1345	2	0.05	16	870	9	<0.01	<5	5	<10	<5	72	<0.01	5	94	<5	12	104
126	103411	2.2	1.49	10	76	<1	<5	0.79	<1	12	46	7266	3.34	<5	0.13	4	10	0.71	430	62	0.12	27	530	<3	0.75	5	5	<10	<5	42	0.14	5	72	<5	7	70
127	103412	0.6	1.29	<5	46	<1	<5	3.06	<1	18	66	296	3.57	<5	0.25	12	8	1.27	1170	2	0.04	16	900	9	0.01	<5	5	<10	<5	60	<0.01	5	102	<5	10	90
128	103413	<0.2	1.12	<5	60	<1	<5	4.01	<1	17	78	218	3.38	<5	0.23	12	8	1.13	1385	2	0.04	15	940	9	<0.01	<5	5	<10	<5	66	<0.01	5	88	<5	13	80
129	103414	<0.2	1.13	<5	44	<1	<5	3.00	<1	20	84	188	3.94	<5	0.22	12	8	1.11	1090	5	0.05	17	990	9	<0.01	<5	7	<10	<5	68	<0.01	5	108	<5	12	88
130	103415	<0.2	0.70	<5	34	<1	<5	4.62	<1	19	62	146	3.66	<5	0.20	12	4	1.09	1600	4	0.04	16	920	6	<0.01	<5	5	<10	<5	94	<0.01	5	82	<5	14	112
131	103416	<0.2	0.60	<5	40	<1	<5	5.64	<1	16	80	90	3.08	<5	0.26	12	2	1.91	1835	21	0.05	16	860	6	<0.01	<5	4	<10	<5	134	<0.01	5	64	<5	15	98
132	103417	<0.2	1.43	<5	32	<1	<5	2.83	<1	25	112	82	4.83	<5	0.19	12	10	1.77	1490	5	0.06	28	990	6	<0.01	<5	7	<10	<5	78	<0.01	10	100	<5	12	142
133	103418	<0.2	0.67	<5	50	<1	<5	2.91	<1	17	74	234	3.75	<5	0.26	10	4	0.98	975	3	0.05	17	930	6	<0.01	<5	5	<10	<5	84	<0.01	5	100	<5	11	74
134	103419	<0.2	0.73	<5	44	<1	<5	4.05	<1	19	76	198	3.70	<5	0.25	10	4	1.24	1485	3	0.05	19	1040	6	<0.01	<5	4	<10	<5	90	<0.01	5	78	<5	12	104
135	103420	<0.2	0.57	<5	40	<1	<5	4.01	<1	21	88	270	4.22	<5	0.23	12	4	1.27	1560	2	0.05	19	990	6	<0.01	<5	6	<10	<5	96	<0.01	5	92	<5	13	104
136	103421	<0.2	1.16	<5	106	<1	<5	0.70	<1	13	52	22	2.10	<5	0.10	6	8	0.53	390	3	0.11	31	490	6	0.04	<5	4	<10	<5	40	0.13	<5	62	<5	7	42
137	103422	<0.2	0.54	<5	36	<1	<5	3.91	<1	19	86	106	3.69	<5	0.21	10	2	0.77	1255	3	0.04	18	820	6	<0.01	<5	5	<10	<5	80	<0.01	5	72	<5	10	84
138	103423	<0.2	0.54	<5	56	<1	<5	4.20	<1	16	66	80	2.96	<5	0.23	12	2	0.78	1200	1	0.04	14	900	6	<0.01	<5	5	<10	<5	84	<0.01	<5	58	<5	11	90
139	103424	<0.2	0.57	<5	38	<1	<5	3.51	<1	16	64	198	3.39	<5	0.25	12	2	0.97	1080	2	0.05	16	910	6	<0.01	<5	5	<10	<5	88	<0.01	<5	74	<5	11	72
140	103425	<0.2	0.57	<5	42	<1	<5	3.78	<1	18	64	116	3.61	<5	0.28	12	2	0.99	1215	2	0.04	19	930	9	<0.01	<5	5	<10	<5	86	<0.01	5	74	<5	12	98
141	103426	<0.2	0.59	<5	38	<1	<5	4.76	<1	16	92	58	3.00	<5	0.30	14	2	0.91	1450	2	0.04	16	810	9	<0.01	<5	4	<10	<5	90	<0.01	5	56	<5	13	106
142	103427	<0.2	0.66	<5	40	<1	<5	4.10	<1	15	82	200	3.22	<5	0.31	16	2	1.20	1330	2	0.04	18	790	9	<0.01	<5	4	<10	<5	118	<0.01	<5	78	<5	15	84
143	103428	<0.2	0.53	<5	32	<1	<5	3.35	<1	12	84	106	2.36	<5	0.27	14	<2	0.47	980	1	0.03	13	600	6	<0.01	<5	3	<10	<5	58	<0.01	<5	48	<5	10	76
144	103429	<0.2	0.56	<5	30	<1	<5	2.85	<1	14	78	92	2.65	<5	0.24	10	2	0.78	980	2	0.04	14	560	3	<0.01	<5	2	<10	<5	80	<0.01	<5	50	<5	10	60
145	103430	4.4	1.40	15	80	<1	5	0.79	2	14	46	>10000	3.87	<5	0.13	4	10	0.68	420	194	0.12	26	540	18	1.59	20	5	<10	<5	44	0.14	5	70	<5	7	146
146	103431	0.2	0.60	<5	38	<1	<5	2.76	<1	10	82	176	2.45	<5	0.27	12	<2	0.59	855	3	0.03	12	580	6	<0.01	<5	3	<10	<5	72	<0.01	<5	62	<5	9	54
147	103432	<0.2	0.68	<5	36	<1	<5	2.68	<1	12	102	234	2.87	<5	0.28	16	2	0.35	935	2	0.04	14	600	6	<0.01	<5	3	<10	<5	50	<0.01	<5	62	<5	9	58
148	103433	<0.2	0.80	<5	40	<1	<5	2.55	<1	13	90	220	2.76	<5	0.30	12	4	0.66	915	2	0.04	14	660	9	<0.01	<5	3	<10	<5	78	<0.01	<5	56	<5	9	78
149	103434	<0.2	0.55	5	1758	<1	<5	6.09	<1	13	76	26	2.23	<5	0.26	12	4	0.79	1460	2	0.03	13	500	6	0.02	<5	3	<10	<5	116	<0.01	<5	42	<5	12	78
150	103435	<0.2	0.55	5	66	<1	<5	3.08	<1	14	80	6	2.50	<5	0.27	8	4	1.05	1050	1	0.04	15	550	3	<0.01	<5	3	<10	<5	102	<0.01	<5	46	<5	8	70
151	103436	<0.2	0.61	10	34	<1	<5	3.30	<1	11	74	12	2.10	<5	0.22	14	4	0.79	915	4	0.04	17	590	6	<0.01	<5	6	<10	<5	102	<0.01	<5	62	<5	12	48
152	103437	<0.2	0.58	5	24	<1	<5	2.81	<1	10	124	32	1.88	<5	0.17	16	4	1.03	855	4	0.06	16	570	<3	<0.01	<5	5	<10	<5	104	<0.01	<5	54	<5	12	40
153	103438	<0.2	0.52	5	28	<1	<5	2.70	<1	10	86	6	2.23	<5	0.16	14	2	1.01	870	2	0.05	15	480	6	<0.01	<5	4	<10	<5	106	<0.01	<5	56	<5	10	44
154	103439	0.4	0.77	5	28	<1	<5	2.16	<1	11	98	732	2.29	<5	0.14	12	4	0.68	705	3	0.06	17	520	3	0.03	<5	5	<10	<5	86	<0.01	<5	60	<5	9	74
155	103440	2.4	1.52	10	74	<1	<5	0.80	<1	13	44	7284	3.31	<5	0.14	4	10	0.73	435	53	0.12	27	560	<3	0.74	5	5	<10	<5	46	0.15	5	72	<5	7	68
156	103441	<0.2	0.70	5	32	<1	<5	3.00	<1	8	100	84	1.42	<5	0.13	12	6	0.56	525	2	0.06	14	530	3	<0.01	<5	4	<10	<5	92	<0.01	<5	48	<5	10	40
157	103442	<0.2	0.93	<5	20	<1	<5	1.95	<1	8	108	64	1.12	<5	0.07	10	12	0.88	470	1	0.09	13	650	6	<0.01	<5	4	<10	<5	78	0.16	<5	74	<5	8	14
158	103443	<0.2	0.88	<5	22	<1	<5	1.11	<1	9	92	154	0.88	<5	0.07	8	8	0.69	295	1	0.08	10	600	<3	<0.01	<5	2	<10	<5	66	0.17	<5	52	<5	6	12
159	103444	<0.2	1.13	5	22	<1	<5	1.67	<1	10	88	404	1.12	<5	0.05	8	8	0.85	340	2	0.08	11	710	3	0.04	5	3	<10	<5	120	0.17	<5	66	<5	6	16
160	103445	<0.2	1.13	5	32	<1	<5	1.56	<1	7	88	122	0.80	<5	0.05	8	8	0.62	215	1	0.09	7	640	3	<0.01	<5	2	<10	<5	98	0.18	<5	60	<5	6	8
161	103446	<0.2	1.38	5	106	<1	<5	1.41	<1	13	102	58	2.18	<5	0.10	8	12	0.89	240	2	0.09	14	660	6	<0.01	<5	3	<10	<5	52	0.21	<5	102	<5	6	20
162	103447	<0.2	1.42	5	630	<1	<5	1.65	<1	11	88	174	1.78	<5	0.06	8	10	0.84	230	2	0.09	9	710	6	0.04	<5	3	<10	<5	72	0.20	<5	92	<5	7	14
163	103448	<0.2	1.28	5	38	<1	<5	1.60	<1	10	98	74	1.43	<5	0.07	8	10	0.79	205	2	0.09	12	650	6	<0.01	<5	3	<10	<5	68	0.19	<5	80	<5	6	14
164	103449	<0.2	1.17	5	86	<1	<5	1.32	<1	10	104	54	1.52	<5	0.11	8	8	0.67	190	2	0.09	10	640	6	<0.01	<5	2	<10	<5	52	0.20	<5	82	<5	6	14
165	103450	<0.2	1.08	<5	102	<1	<5	0.72	<1	13	52	22	2.11	<5	0.10	6	8	0.53	385	3	0.10	31	500	6	0.04	<5	4	<10	<5	40	0.13	<5	60	<5	7	40

Et #.	Tag #	Ag	Al%	As	Ba	Be	Bi	Ca%	Cd	Co	Cr	Cu	Fe%	Hg	K%	La	Li	Mg%	Mn	Mo	Na%	Ni	P	Pb	S%	Sb	Sc	Se	Sn	Sr	Ti%	U	V	W	Y	Zn
166	103451	<0.2	1.10	5	62	<1	<5	1.30	<1	9	100	42	1.24	<5	0.06	8	6	0.69	220	2	0.09	10	640	6	<0.01	<5	2	<10	<5	72	0.17	<5	68	<5	6	16
167	103452	<0.2	1.25	5	54	<1	<5	1.28	<1	13	100	58	2.14	<5	0.09	8	10	0.90	250	2	0.08	15	640	6	<0.01	<5	2	<10	<5	60	0.21	<5	96	<5	6	20
168	103453	<0.2	1.16	<5	32	<1	<5	1.49	<1	10	104	16	1.07	<5	0.03	6	8	1.00	325	2	0.08	15	630	9	<0.01	<5	3	<10	<5	98	0.16	<5	60	<5	6	24
169	103454	<0.2	1.33	<5	34	<1	<5	1.34	<1	13	102	56	2.01	<5	0.08	8	10	1.01	330	2	0.08	15	640	6	<0.01	<5	3	<10	<5	66	0.19	<5	90	<5	6	24
170	103455	<0.2	1.13	<5	20	<1	<5	1.45	<1	9	106	22	1.26	<5	0.05	6	8	1.01	390	2	0.08	14	650	3	<0.01	<5	3	<10	<5	70	0.15	<5	68	<5	6	34
171	103456	<0.2	1.17	<5	100	<1	<5	0.70	<1	13	48	22	2.07	<5	0.10	6	8	0.53	375	3	0.10	30	510	6	0.04	<5	4	<10	<5	42	0.13	<5	58	<5	7	38
QC DATA:																																				
Repeat:																																				
1	105001	<0.2	1.06	<5	38	<1	<5	0.35	5	11	96	286	2.34	<5	0.19	10	12	0.80	360	1	0.07	12	510	6	<0.01	<5	5	<10	<5	24	0.11	<5	88	<5	8	44
10	105010	<0.2	1.20	5	228	<1	<5	0.53	3	14	66	738	1.61	<5	0.39	20	6	0.29	1135	2	0.02	8	1570	114	<0.01	15	2	<10	<5	18	<0.01	<5	34	<5	26	364
19	105018	<0.2	0.76	<5	64	<1	<5	1.52	3	6	56	262	1.39	<5	0.33	12	6	0.28	370	4	0.03	7	440	15	<0.01	10	1	<10	<5	18	<0.01	<5	30	<5	6	150
36	105035	<0.2	1.44	<5	70	<1	<5	0.12	<1	15	142	768	3.18	<5	0.22	10	12	0.77	1750	3	0.03	11	400	9	<0.01	5	1	<10	<5	6	<0.01	<5	36	<5	9	244
45	105043	<0.2	1.24	<5	60	<1	<5	0.28	7	11	122	312	2.40	<5	0.18	14	8	0.71	540	1	0.03	13	530	9	<0.01	<5	2	<10	<5	18	<0.01	<5	72	<5	8	242
54	105052	<0.2	1.04	5	52	<1	<5	0.12	2	12	140	398	2.45	<5	0.24	14	8	0.56	945	4	0.02	13	410	15	<0.01	10	1	<10	<5	6	<0.01	<5	38	<5	7	478
71	103357	0.8	1.23	20	68	<1	<5	0.83	11	14	146	1304	3.04	<5	0.25	12	10	0.60	1205	3	0.02	13	360	72	<0.01	80	1	<10	<5	10	<0.01	<5	40	<5	6	516
80	103365	0.4	1.16	10	322	<1	<5	1.22	4	12	136	518	2.73	<5	0.31	16	10	0.60	1900	4	0.02	13	450	33	<0.01	40	2	<10	<5	18	<0.01	<5	48	<5	9	308
89	103374	0.2	1.32	<5	344	<1	<5	2.65	<1	22	112	636	3.50	<5	0.33	12	10	0.80	1595	7	0.03	16	480	6	0.11	<5	2	<10	<5	34	<0.01	5	40	<5	9	160
106	103391	<0.2	1.94	<5	74	<1	<5	2.71	<1	22	148	38	4.42	<5	0.29	12	16	1.34	1245	2	0.04	21	790	9	<0.01	<5	5	<10	<5	66	<0.01	10	58	<5	12	52
116	103401	<0.2	0.74	<5	330	<1	<5	2.88	<1	9	124	300	2.11	<5	0.24	14	8	0.36	875	2	0.03	11	500	12	0.03	10	2	<10	<5	42	<0.01	<5	56	<5	10	76
124	103409	<0.2	1.24	<5	42	<1	<5	3.46	<1	17	94	258	3.49	<5	0.24	12	10	1.13	1300	2	0.05	15	880	9	<0.01	<5	6	<10	<5	60	<0.01	5	98	<5	11	102
141	103426	<0.2	0.59	<5	38	<1	<5	4.62	<1	16	90	60	3.10	<5	0.32	12	4	0.93	1435	2	0.04	15	780	6	<0.01	<5	4	<10	<5	88	<0.01	5	56	<5	13	100
150	103435	<0.2	0.58	5	64	<1	<5	3.20	<1	14	84	6	2.66	<5	0.25	8	4	1.03	1100	<1	0.04	15	570	3	<0.01	<5	3	<10	<5	108	<0.01	<5	48	<5	8	70
159	103444	<0.2	1.15	5	20	<1	<5	1.63	<1	10	86	406	1.11	<5	0.05	8	8	0.85	335	2	0.08	11	720	6	0.04	5	3	<10	<5	124	0.17	<5	66	<5	6	14
Resplit:																																				
1	105001	<0.2	1.03	<5	38	<1	<5	0.36	5	11	96	274	2.43	<5	0.16	12	12	0.79	375	1	0.06	11	500	3	<0.01	<5	5	<10	<5	24	0.11	<5	92	<5	8	46
36	105035	0.2	1.43	<5	64	<1	<5	0.12	<1	14	158	742	3.26	<5	0.20	10	12	0.77	1765	4	0.03	12	400	9	<0.01	5	1	<10	<5	6	<0.01	<5	36	<5	9	254
71	103357	0.8	1.17	20	64	<1	<5	0.80	11	14	152	1270	3.01	<5	0.23	10	10	0.58	1185	4	0.02	13	360	63	<0.01	75	1	<10	<5	8	<0.01	5	38	<5	6	508
106	103391	<0.2	2.01	<5	76	<1	<5	2.83	<1	22	142	46	4.39	<5	0.32	12	16	1.33	1250	2	0.04	22	810	12	<0.01	<5	5	<10	<5	70	0.01	5	58	<5	12	52
141	103426	<0.2	0.53	<5	34	<1	<5	4.68	<1	14	78	48	2.82	<5	0.29	12	2	0.87	1430	2	0.03	14	810	6	<0.01	<5	3	<10	<5	94	<0.01	<5	50	<5	12	92
Standard:																																				
Pb129a		11.2	0.83	<5	64	<1	<5	0.43	59	6	12	1410	1.57	<5	0.10	4	<2	0.68	365	2	0.04	5	420	6147	0.80	15	<1	<10	<5	32	0.04	<5	18	<5	2	>10000
Pb129a		11.4	0.84	<5	62	<1	<5	0.45	59	6	12	1478	1.63	<5	0.10	4	<2	0.69	375	2	0.04	5	430	6240	0.80	15	<1	<10	<5	30	0.05	<5	20	<5	2	>10000
Pb129a		11.6	0.84	<5	62	<1	<5	0.45	58	6	12	1470	1.61	<5	0.10	4	<2	0.67	370	2	0.04	5	420	6126	0.84	15	<1	<10	<5	30	0.05	<5	20	<5	2	>10000
Pb129a		11.4	0.82	<5	66	<1	<5	0.45	58	6	12	1474	1.60	<5	0.10	4	<2	0.67	370	2	0.03	5	410	6066	0.86	15	<1	<10	<5	32	0.05	<5	20	<5	2	>10000
Pb129a		11.6	0.88	<5	70	<1	<5	0.47	58	6	12	1458	1.60	<5	0.10	4	<2	0.67	375	2	0.04	5	410	6096	0.82	15	<1	<10	<5	30	0.05	<5	20	<5	3	>10000

ICP: Aqua Regia Digest / ICP- AES Finish.

ECO TECH LABORATORY LTD.
Norman Monteith
B.C. Certified Assayer

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