

**REPORT ON GEOLOGICAL MAPPING, GEOCHEMICAL AND GEOPHYSICAL SURVEYS,
REVERSE CIRCULATION DRILLING, AND DIAMOND DRILLING ON THE ICE PROPERTY,
RED MOUNTAIN AREA, CENTRAL YUKON TERRITORY
136°45'W LONGITUDE/63°58'N LATITUDE
MAYO MINING DISTRICT**

OCTOBER, 2002

WORK PERFORMED IN CLAIMS:

ICE 19-27 YC02274-YC02282
ICE 30 YC02285
ICE 32-39 YC02286-YC02293
ICE 42-45 YC02296-YC02299
ICE 48 YC02302

**FIELD PROGRAM CONDUCTED
MAY 15TH TO SEPTEMBER 9TH, 2002**

**Internal Report
Prepared for ASC Industries Ltd.**

by

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This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 182,894.

M. Buh
for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

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INTRODUCTION

Exploration work carried out in the Ice property during the 2002 field season consisted of:

- Chain and compass and GPS gridding
- Ground geophysics (IP and Ground magnetics): 10,562 m in 7 east-west-trending line and 823 m in a north-south-trending control line;
- Geochemical survey: 277 soil samples;
- 1:4,000 scale geological mapping;
- Reverse circulation drilling: 604 m in 10 holes;
- Diamond drilling: 422 m of core in 2 drill holes

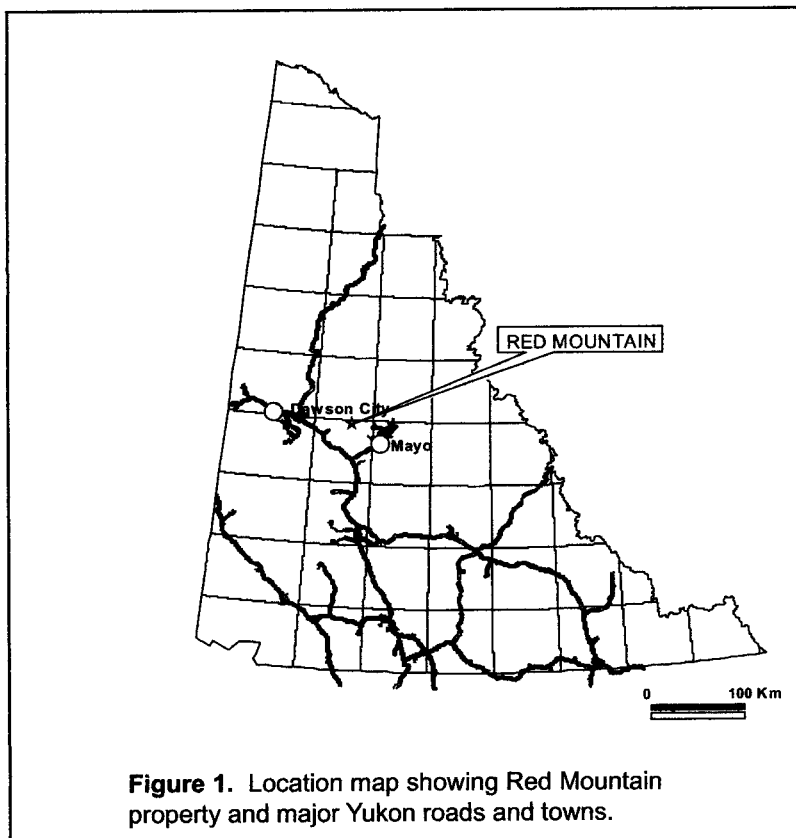
The work was carried out between May 15 and September 9, 2002 by a crew consisting of Corwin Coe (project Manager), Anna Fonseca (On-site Geologist), Jean-Pierre Londero (Geologist), Roy Mueller, Scott McLeod, Bob Keenan, Ryan Coe, and Jeff Bridge. Geophysical work was contracted to Scott Geophysics of Vancouver. Reverse circulation drilling was contracted to Midnight Sun Drilling of Whitehorse. Diamond drilling was contracted to Delorme Drilling of Surrey. Al Doherty of Aurum Geological Consultants Inc. supervised the exploration work carried out during the 2001 and 2002 field seasons.

The property consists of 51 contiguous unsurveyed two-post quartz claims staked in accordance with the Yukon Quartz Mining Act. All claims are in the Mayo Mining District. Rudolf Martin owns 48 claims (Ice 1-2; 4; 6-14; 16-17; 19-30; 32-49; and 52-55), and Corwin Coe owns 3 claims (JC 1-3). As of September 2002, the claims are in good standing. Claim expiry dates are as listed:

ICE 1-2	YC02260-YC02261	2006/12/24
ICE 4	YC02262	2006/12/24
ICE 6-14	YC02262-YC02271	2006/12/24
ICE 16-17	YC02272-YC02273	2006/12/24
ICE 19-30	YC02274-YC02285	2006/12/24
ICE 32-49	YC02286-YC02303	2006/12/24
ICE 52-55	YC02306-YC02309	2006/12/24
JC 1-3	YC02667-YC02669	2006/09/13

PROPERTY LOCATION AND ACCESS

The property is located approximately 55 km northwest of Mayo, and 140 km east of Dawson City, in the north-east portion of NTS sheet 115P/15 (Figure 1). The claims are located within the Traditional Territory of the Na'Cho N'Y'ak Dun First Nation, which has its land claim settled.



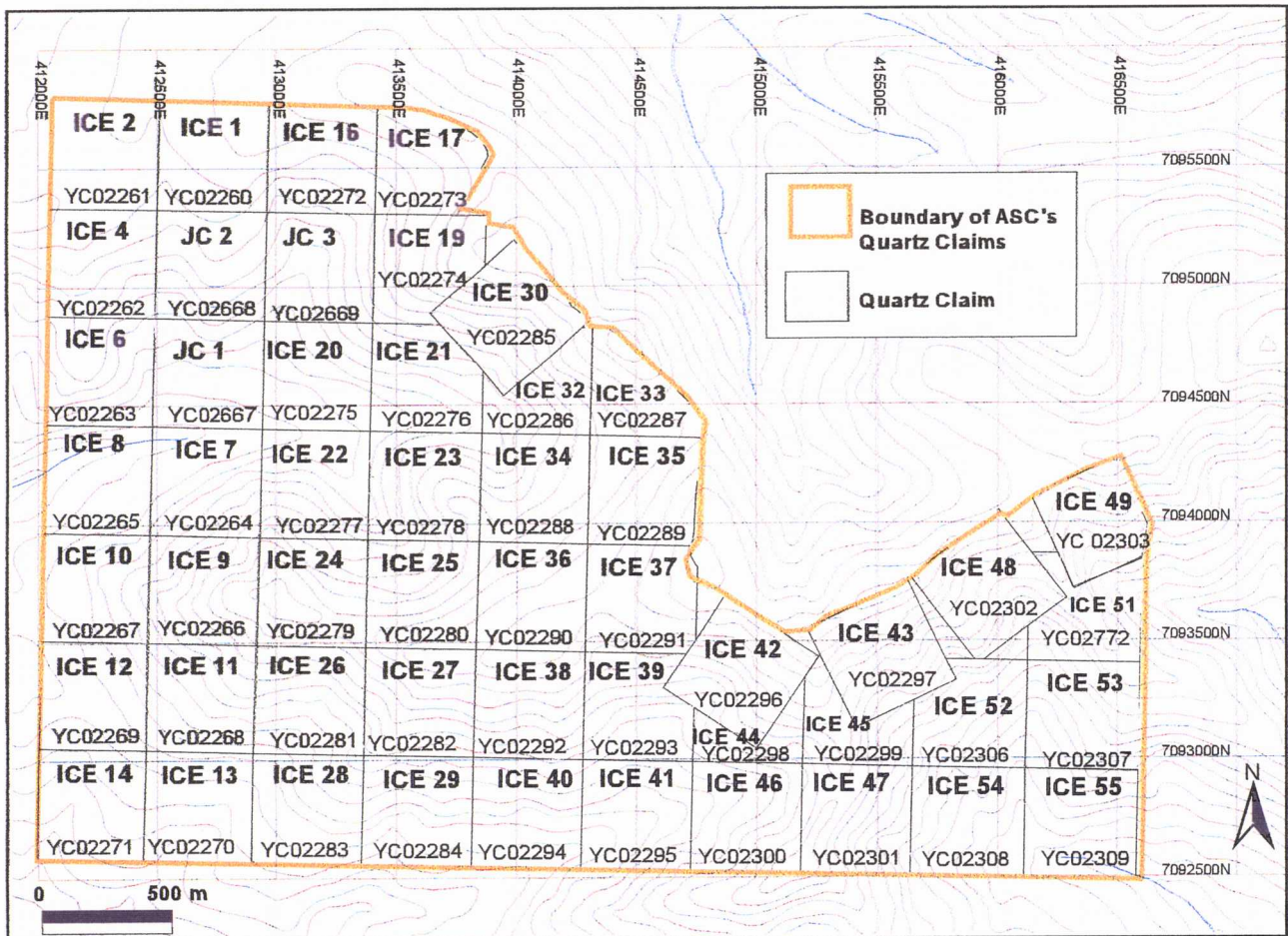


Figure 3. Quartz claims location map.

1987 Walhala Exploration Co. Ltd. re-staked the area as Hobo, and conducted mapping, and collected geochemical samples (37 rock chips; 16 silts; 159 contour soils; 557 grid soils). In 1988 Total Erickson Resources Ltd. staked Spru claims adjacent to the south and west, and conducted geological mapping and sampling. In 1992 the area was re-staked by Crysi Exploration, which collected 37 rock chips and 1 soil sample, and optioned the property to Kokanee Explorations. Later in 1992, Kokanee Explorations transferred the claims to Consolidated Ramrod Gold Corp., which in turn contracted geological work to Aurum Geological Consultants of Whitehorse. Aurum Geological Consultants established the east-west baseline that is currently in use, and explored the property in 1993 with geological mapping, and geochemical sampling (28 contour soils and 47 chips) and in 1994 with more detailed mapping and geochemical sampling (168 chips; 66 panels; 92 soils). Consolidated Ramrod Ltd.'s claims lapsed in 2000. Subsequently, Roy Mueller staked the Ice claims and Corwin Coe staked the JC claims. All Ice claims were transferred to Rudolf Martin, and optioned along with the JC claims to ASC Industries Ltd.

Regional geological setting and metallogeny

SELWYN BASIN

The Ice property is situated in Selwyn Basin, part of the Upper Proterozoic to Paleozoic western North American miogeocline. Selwyn Basin refers to the geographic area where siliciclastic and carbonate deposition took place under different tectonic environments, from Upper Proterozoic through Early Mississippian time.

Throughout its existence, three main extensional events affected Selwyn Basin, producing down-dropped blocks and second order basins where black shale, chert, and black limestone commonly deposited.

- 1) Late Proterozoic to Early Cambrian extension resulted in shedding of a thick (>2000 m) turbidite sequence (Yusezyu Formation) characterized by grit and limestone, but containing abundant shale beds. By Early Cambrian time basinal faulting and associated coarse-clastic deposition subsided and gave way to deposition of maroon and green shales of Narchilla Formation.
- 2) Cambro-Ordovician extension and volcanism is well documented in the Anvil district, where calcareous shales in the Faro area host sedex deposits that are distally associated with mafic volcanic rocks. Approximately coeval alkaline

volcanic rocks of Cambro-Ordovician age north-west of Dawson are considered to have potential for hosting tantalum mineralization. In the Red Mountain area, aphanitic mafic volcanic rocks within the Cambrian sequence are interpreted as recording an extensional event during the deposition of Gull Lake Formation, which directly overlies Narchilla Formation shales. Gull Lake Formation also contains coarse clastic rocks and shale. Gull Lake shales are overlain by the Cambro-Ordovician Rabbitkettle Formation, which is characterized by white-weathering, silty-banded limestone that hosts the basin's largest tungsten deposits (Cantung and MacTung).

- 3) During Ordovician to Devonian time, dark grey to black shale and chert of Road River Group deposited throughout Selwyn Basin, during the third extensional event. Road River Group rocks host sedex mineralization in the Howards Pass area and in Frances Lake area, where it includes felsic volcanic rocks.

Selwyn Basin strata outcrops in the Red Mountain area are mostly of Gull Lake Formation sedimentary and volcanic rocks. Maroon and green shales of Narchilla Formation underlies Gull Lake Formation and crop out on valley bottoms. Rabbitkettle Formation limestone and Road River Group shale and chert form the bulk of the outcrops to the west and north-west of the Red Mountain area.

EARN BASIN

By Middle Devonian time, the source of clastic input into Selwyn Basin had changed drastically from westerly- (continent) derived to northerly- and north-westerly- derived, possibly in response to the Ellesmerian orogeny to the north. Earn Group turbidites flooded Selwyn Basin and its flanking carbonate platforms (Cassiar and Mackenzie platforms). Chert-pebble conglomerates typical of Earn Group host a number of sediment-hosted-gold prospects throughout Selwyn Basin. Extension during the deposition of Earn Group sediments gave rise to sedex mineralization in the Mac Pass area (Tom and Jason deposits), and to mafic and felsic volcanism associated with VMS mineralization in the Marg deposit. Earn Group clastic rocks are exposed to the west and southwest of Red Mountain area.

DEFORMATION AND PLUTONISM

Deformation of Selwyn Basin and the overlying Earn

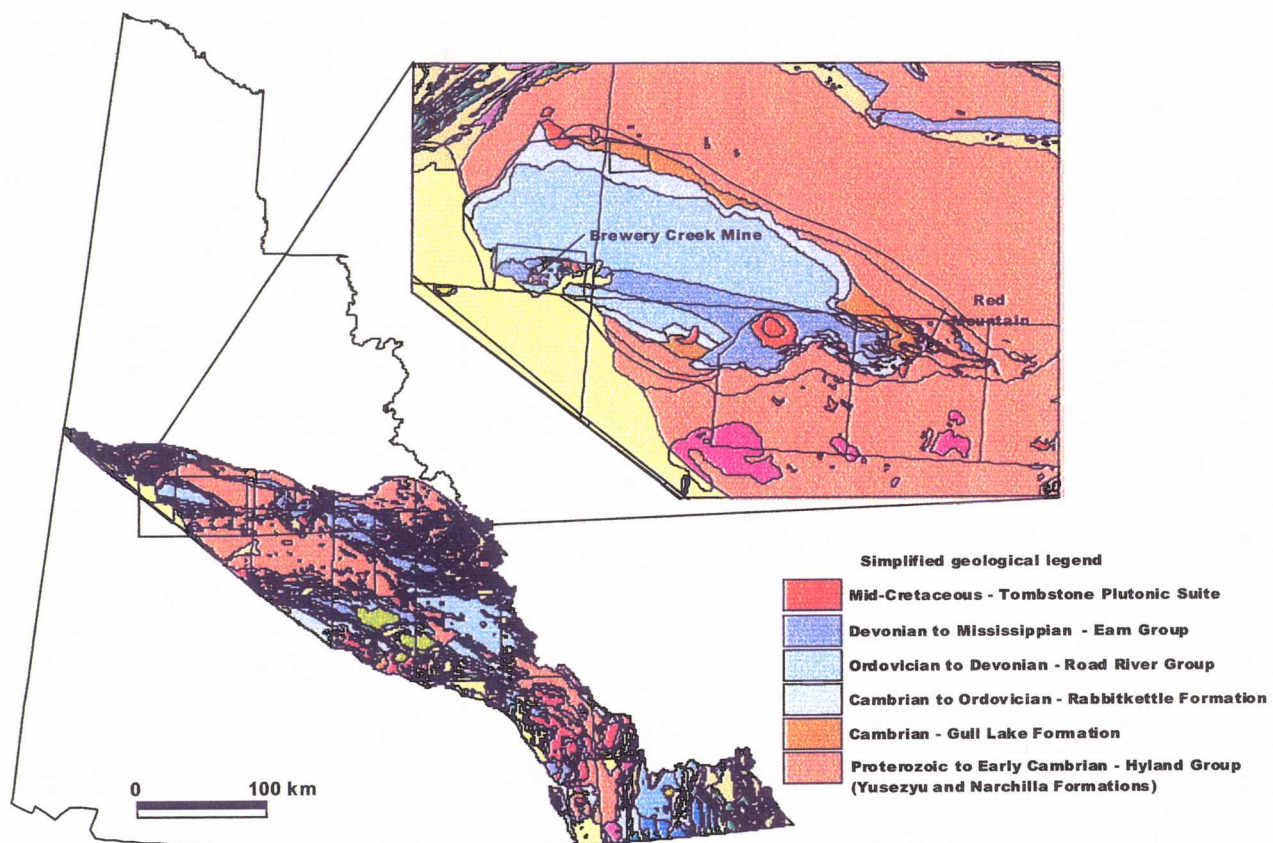


Figure 4. Selwyn Basin Geology. Inset shows regional geology of Red Mountain area, and major units discussed in the text.

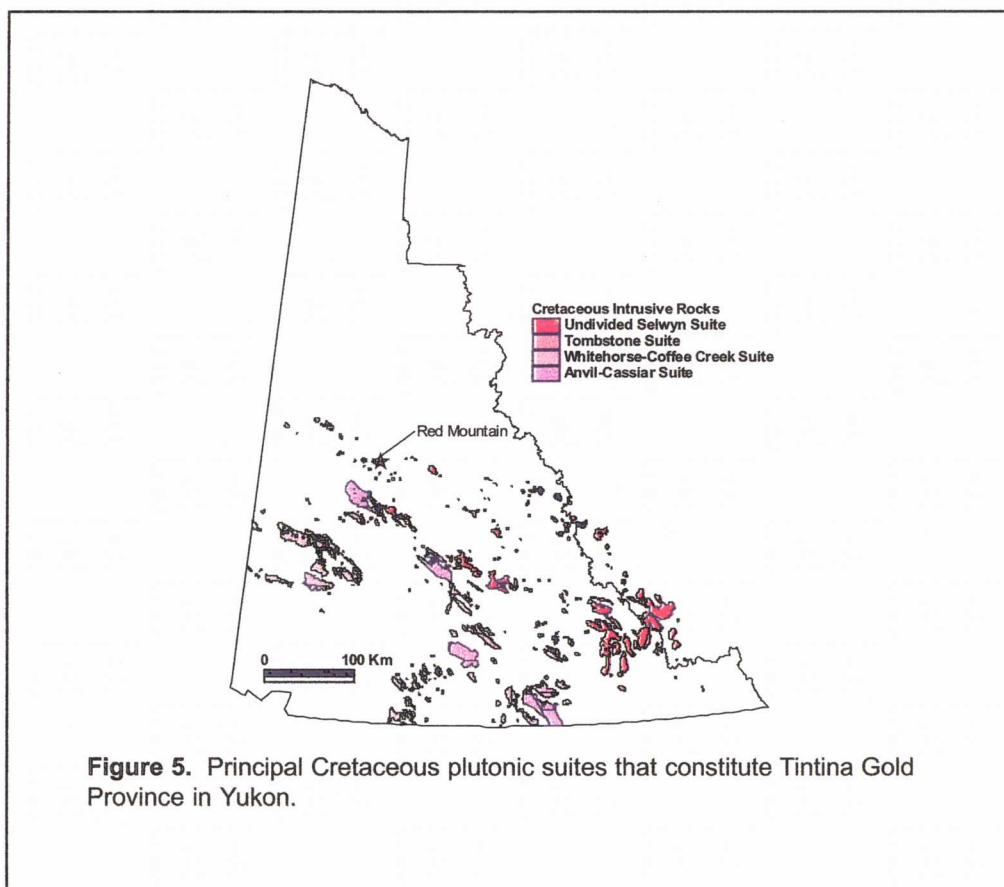
Basin started in Permo-Triassic time, and ended before the emplacement of mid-Cretaceous granitic batholiths and plutons. Two, and locally three phases of penetrative regional deformation affected Selwyn Basin rocks. In mid-Cretaceous time granitic plutonism occurred, likely as crustal melts resulting from compressional deformation. Plutons and stocks of Anvil-Cassiar, Tay River and Tombstone-Tungsten plutonic suites intruded Selwyn Basin strata and produced large contact metamorphic aureoles and local skarn and vein prospects. Tombstone-Tungsten Plutonic Suite is directly related to the most significant gold mineralization in Selwyn Basin.

Cenozoic strike-slip movement along Tintina Fault juxtaposed metamorphic rocks of Yukon-Tanana Terrane and Cassiar Platform to those of Selwyn Basin, and displaced a portion of the Tombstone-Tungsten plutonic belt to its current location in Alaska. Cenozoic magmatism produced basaltic rocks that

crop out along Tintina Fault and are associated with epithermal gold and silver mineralization.

TINTINA GOLD PROVINCE

Tintina Gold Province refers to an arcuate, >200 km wide by >1,000 km long belt along which plutonic rocks of different ages and compositions are associated with a range of styles of gold and tungsten deposits and prospects. Arc plutonism occurred as relatively short-lived episodes over a 45 million year period, and intruded diverse geology including deformed sedimentary rocks of Selwyn Basin in Yukon and Alaska, weakly deformed flysch of Kuskokwim basin in Alaska, and meta-igneous rocks of Yukon-Tanana Terrane in Yukon and Alaska (Hart and others, 2002). Gold deposits of the province have certain similar characteristics, such as spatial and temporal association with mid-Cretaceous magmatism, Bi-W-Te signature in granitoid stock-hosted mineralization, As-



Sb signature in sedimentary-rock-hosted and dike-hosted mineralization (Goldfarb and others, 2000).

Tintina Gold Province contains over half of the current gold resources of Alaska and Yukon (Flannigan and others, 2000). Significant gold resources were outlined at Fort Knox (5.4 Moz), Donlin Creek (12.3 Moz), Pogo (5.8 Moz), True North (0.79 Moz), Brewery Creek (0.85 Moz), Dublin Gulch (4.1 Moz) (Hart and others, 2002).

Geology and Mineralization of Red Mountain Area

REGIONAL MAPPING

Murphy (1997) carried out 1:50,000 scale mapping of the McQuesten River Region, Northern McQuesten, and Mayo map areas under the 1991-1996 Canada/Yukon Economic Development Agreement. As part of the mapping program, Murphy and Heon (1996) mapped the Sprague Creek sheet (NTS 115P/15), and interpreted the geology of Red Mountain area as comprised of outcrops of Cambrian age (Narchilla and Gull Lake Formations) in the overturned limb of the Lost Horses Syncline. The area lies in the hanging-wall of the Robert Service Thrust, and near the upper boundary of Tombstone Strain Zone. Tombstone Strain Zone refers to an intense shear zone extending from the hanging-wall of Tombstone Thrust Fault to footwall of Robert Service Thrust plate.

An unfoliated, quartz-bearing intrusive body in the core of the Ice claims was dated at 92.3 ± 0.8 Ma and interpreted as a stock. Detailed mapping by Doherty and VanRanden (1994) and by Londere in 2002 demonstrated that the intrusive is sill-shaped. Regional airborne magnetics obtained from the Geological Service of Canada from 800 m spaced flight lines show an unusually large magnetic response underlying the Red Mountain "Stock" and dikes to the north (Figure 6), implying that the outcropping sill and dikes may be spatially associated with a larger, buried pluton.

LAYERED ROCKS

1:4,000 scale geological mapping by Jean-Pierre Londere in July, 2002 shows layered rocks consist of strongly foliated, polydeformed clastic and volcanoclastic rocks of interpreted Cambrian age. Clastic rocks are maroon and green shale and black pyritic shale of Narchilla Formation exposed on creek beds and valley bottoms; white to tan, fine- to coarse-

grained quartz-wacke (white grit unit) exposed on road cuts at intermediate elevations; grey to tan, non-calcareous shale forming recessive rubble on hill tops and saddles, and in road cuts at upper elevations. Dark green, fine-grained, weakly foliated, disseminated sulphide-bearing, volcanoclastic rocks of Gull Lake Formation overlay black pyritic shales of Narchilla Formation, and are capped by a sequence of shale to white grit.

MAGMATIC ROCKS

The sedimentary sequence is intruded by an approximately 35 m thick sill of hornblende-biotite-quartz-monzonite composition.

Contact metamorphic effects are intensely to pervasively developed as biotite-hornfels in fine-grained rocks above and below the intrusive contacts, and constitute prominent magnetic high features.

FAULTS

Sedimentary, volcanic, and intrusive rocks are truncated by a number northwest-trending faults with variable displacement. Geological interpretations from drill hole sections and interpolation of surface mapping and soil geochemical survey data show that the northwest-trending faults localize gold mineralization.



Plate 1. Northwest-trending, normal displacement fault in the area where RC02-01 to RC02-04 were drilled. Teeth indicate down-dropped side.

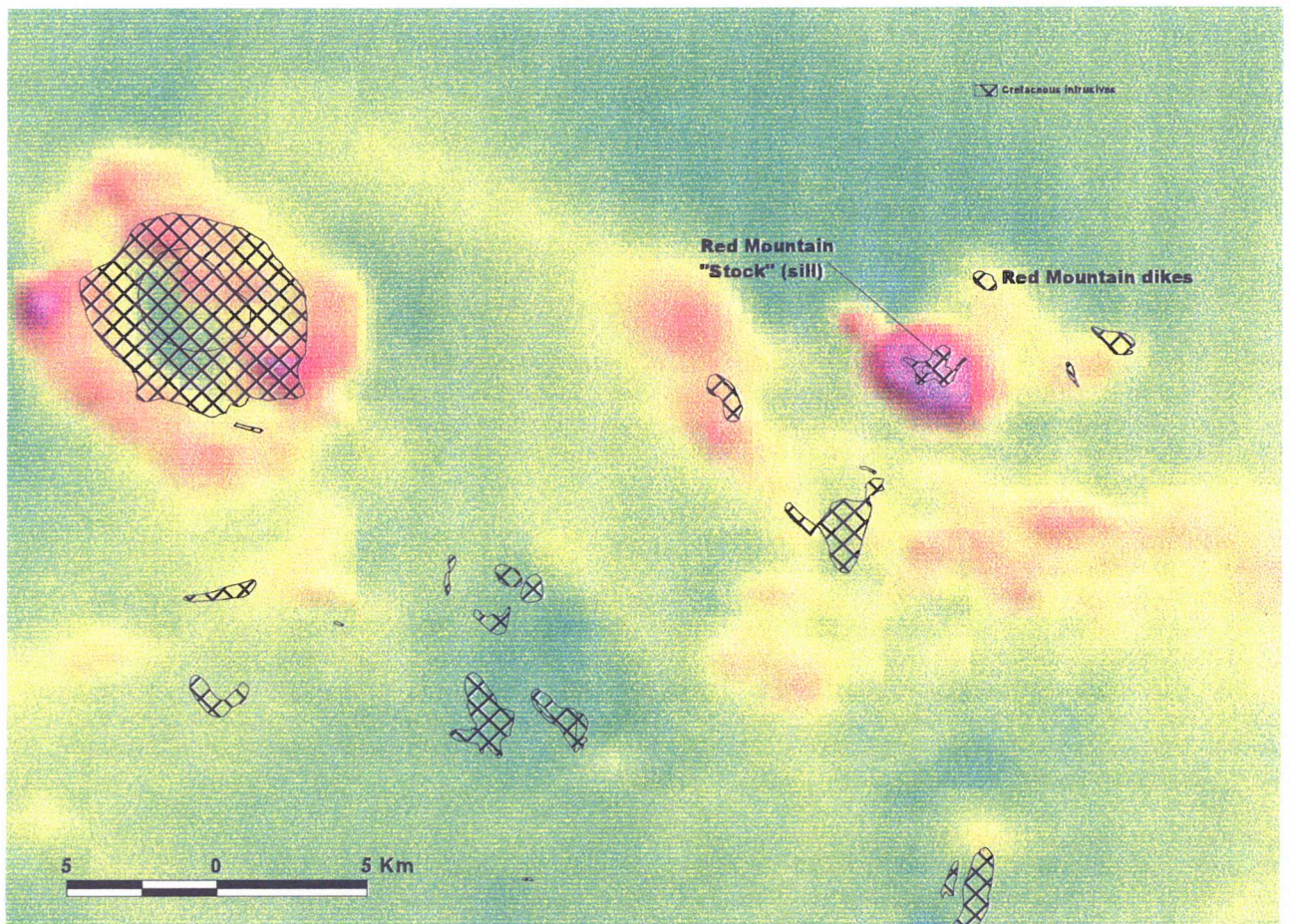


Figure 6. Surface extent of Cretaceous plutonic rocks (hatched) overlain on regional airborne magnetics image. Note the unusually large magnetic high feature surrounding sill and dikes in the Red Mountain area.

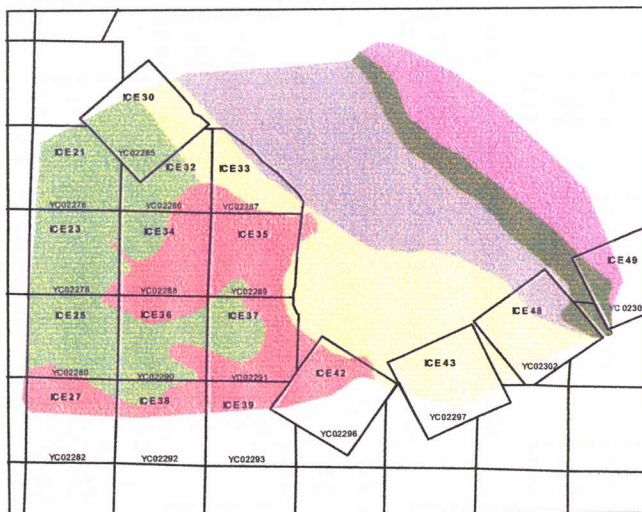
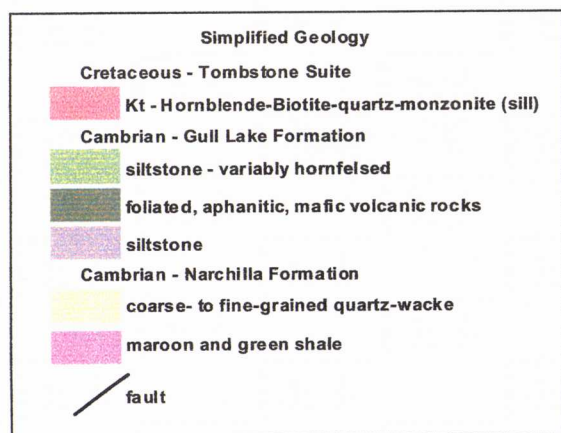
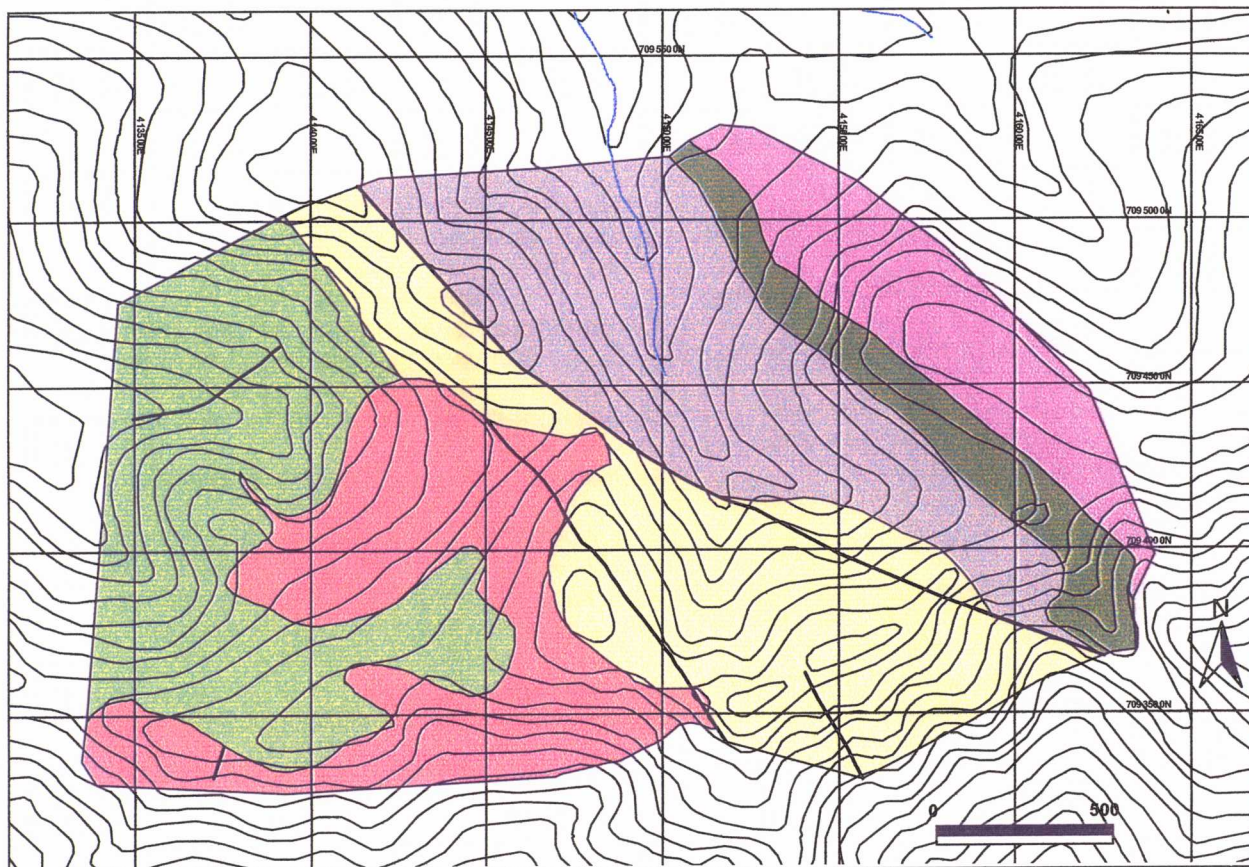


Figure 7. Property geology. Inset shows quartz claims in which 1:4,000 scale geological mapping was done.

MINERALIZATION AND ALTERATION

The Ice property comprises an intrusive (sill)-hosted, low-grade, bulk-tonnage target in the central to western parts of the claims, and a high grade vein target (Treadwell Vein) to the southeast.

Low-grade gold mineralization is observed in drill hole cross-sections, associated with:

- Northwest-trending faults off-setting and thickening the sill (Plate 1);
- Narrow translucent quartz veins along joints in the sill (Plate 2);
- Hornfels zones above and below sill contacts;
- Disseminated sulphides (pyrite, arsenopyrite, chalcopyrite, pyrrhotite) in the sill;
- In widely spaced quartz-arsenopyrite veins on the southeast portion of the property.

High-grade mineralization is reported as:

- Quartz-tourmaline-sulphide veins hand-trenched near the collar of DD02-01. The veins have unusually large crystalline quartz. Gold grades up to 10,000 ppb have been reported.
- Massive arsenopyrite-quartz veins from the Treadwell Adit dump. Gold grades up to 14,200 ppb have been reported.

Soil Geochemical Survey

277 soil samples were collected during the 2002 field season to fill in and extend the previously existing soil database. Samples were analyzed for 35 elements in Acme Labs of Vancouver, and plotted in GIS format.

The new data shows pronounced gold anomalies in the northwestern portion of the claims, and a more pronounced anomaly in the south-central part of the claims than that observed in previous years' surveys.

Another soil geochemical survey was carried out by Regent Ventures in the southern-most portion of its BX claims, adjacent to ASC's Ice property. 245 samples were collected, analyzed for 35 elements in Acme Labs of Vancouver, and plotted in GIS format. Results from the Regent survey show a pronounced gold-in-soils anomaly that is in-line with that observed in the Ice claims.



Plate 2. Narrow quartz veins cross-cutting hornblende-biotite-quartz-monzonite sill.

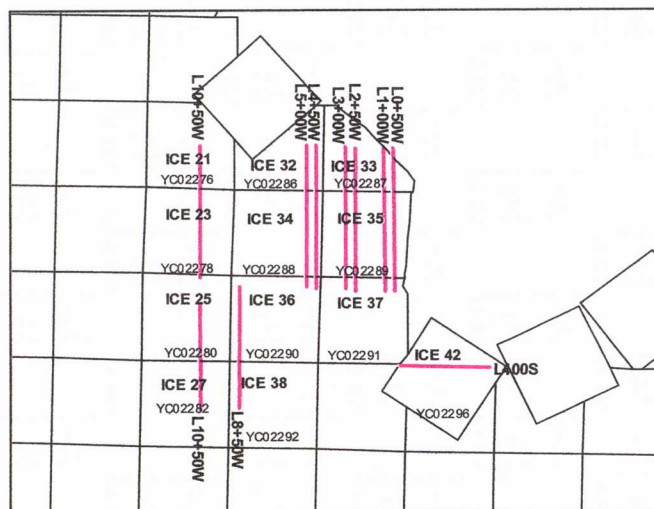


Figure 8. Location of the 2002 soil geochemical survey grid lines within Ice claims.

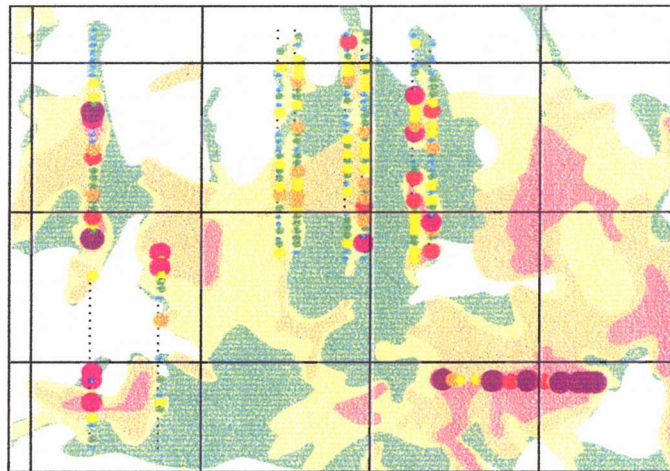
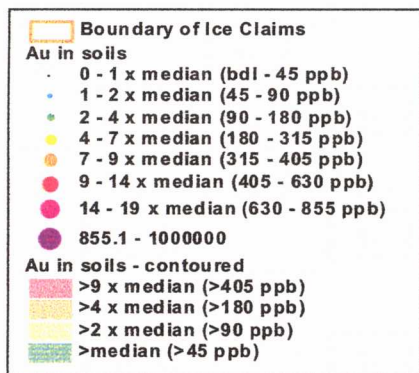
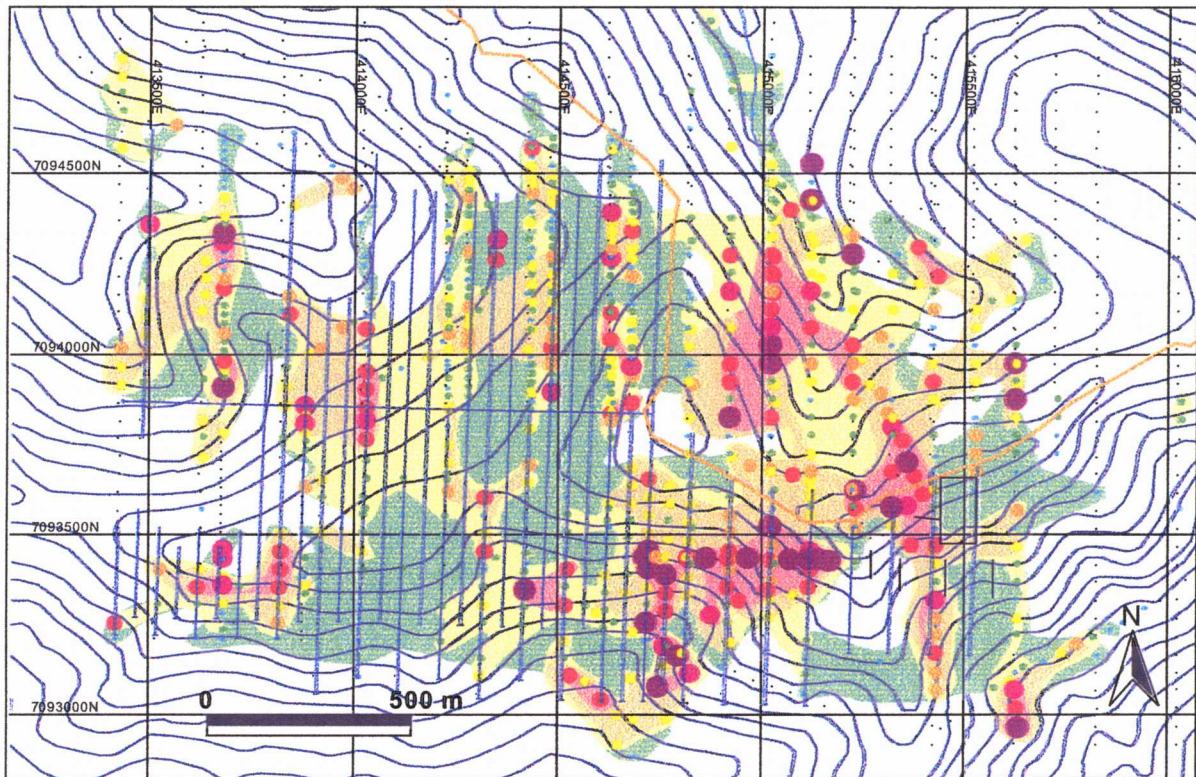


Figure 9. Gold in soils geochemical survey. Top: Compilation map (includes data collected in the property from 1987 to 2002); Bottom: 2002 soil samples plotted as dots.

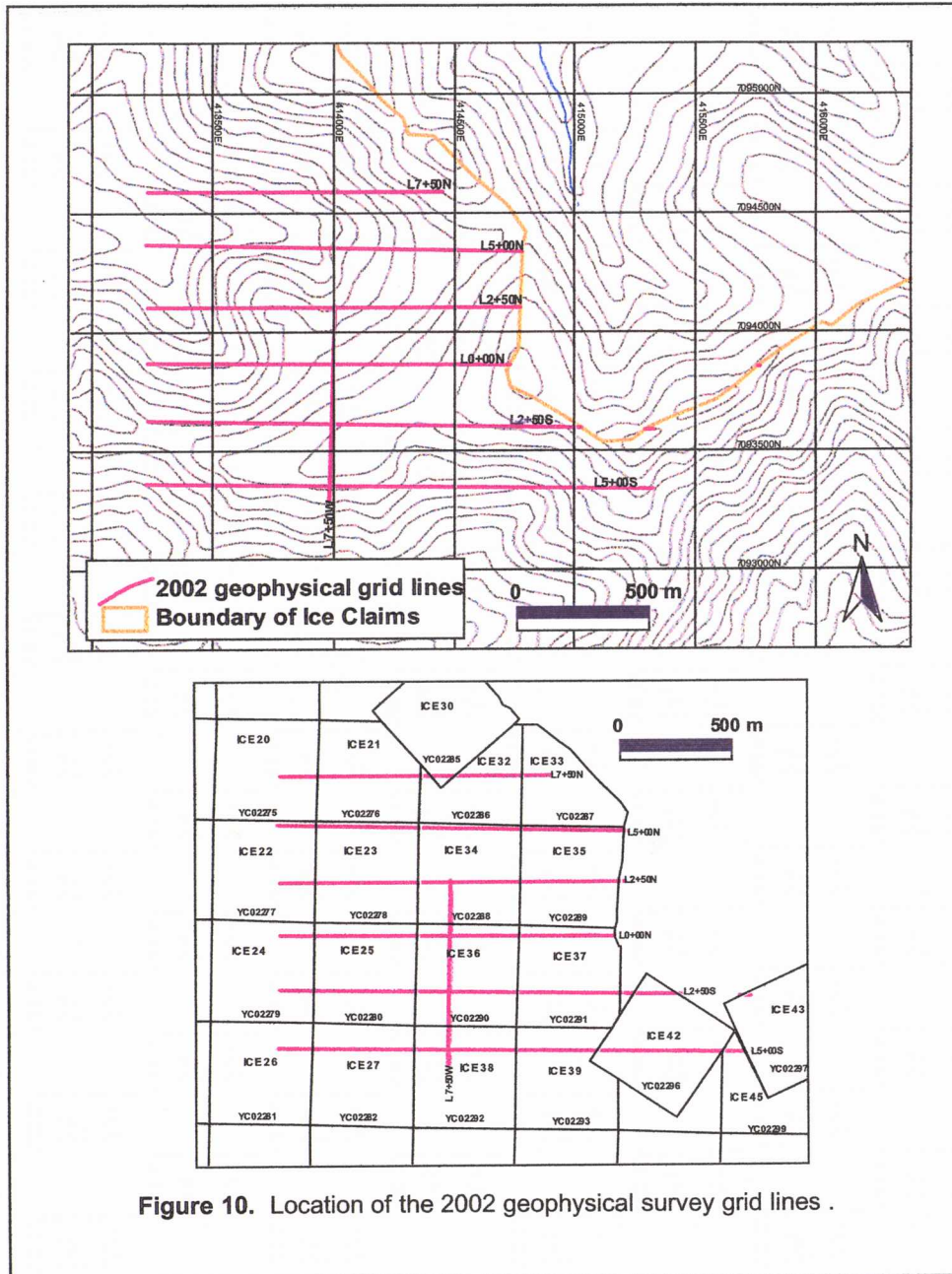
GROUND GEOPHYSICS

IP – CHARGEABILITY AND RESISTIVITY

Geophysical Induced Polarization work consisted of 25 m spaced pole-dipole induced polarization (IP) survey extending 9,342 m in 6 east-west-trending lines plus 823 m in a north-south-trending control line.

Lines were spaced by 250 m, and individual east-west lines measured between 1825 m and 2875 m in length in the Ice claims.

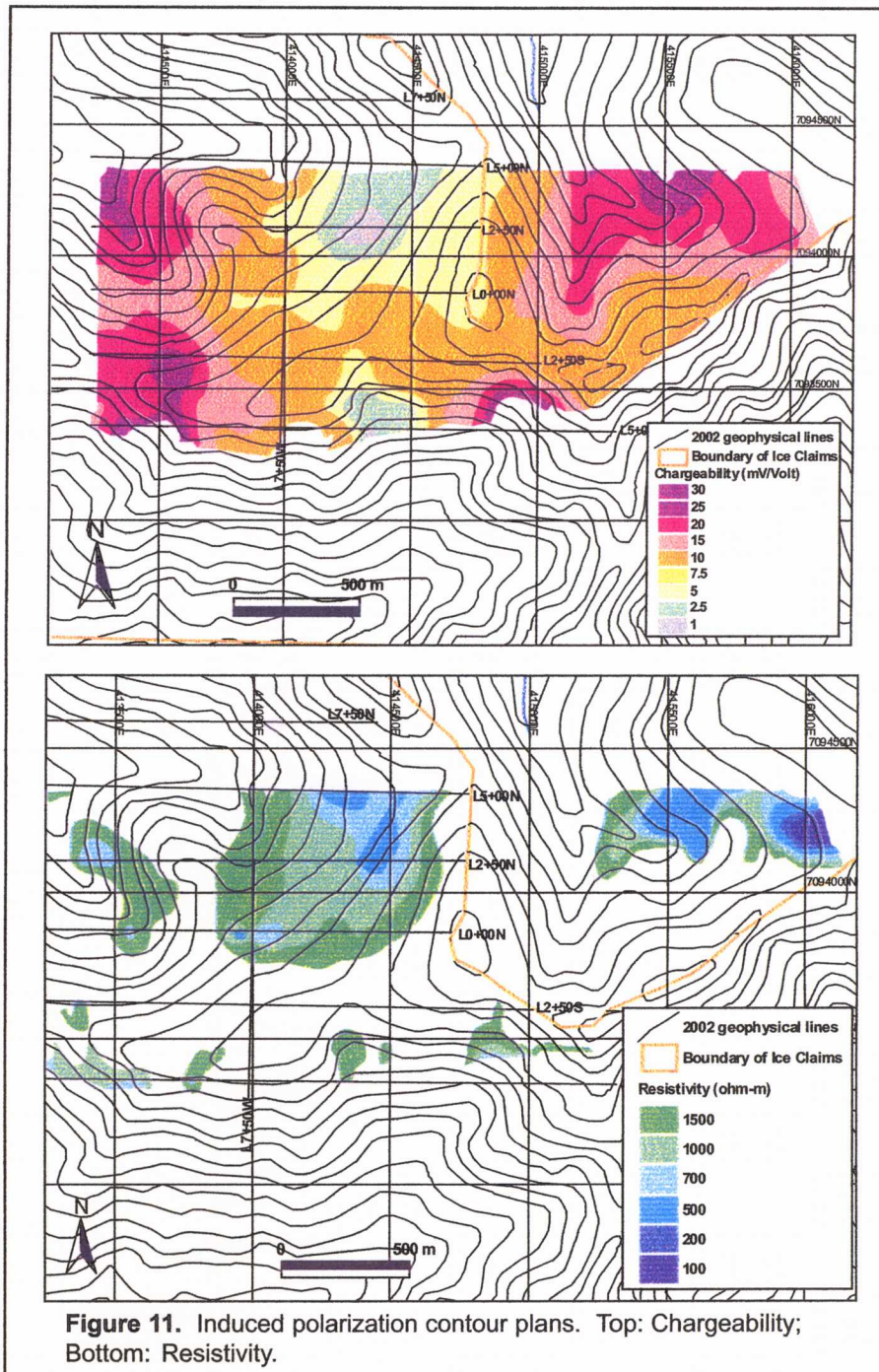
The geophysical work was carried out to determine if the styles of mineralization predicted from the intrusive-hosted gold metallogenetic model and supported by prominent soil geochemical anomalies can be fingerprinted as a chargeability high, resistivity low, magnetic high/low, or combination thereof.



Chargeability pseudo-sections show the most prominent anomalies in the western-most end of the property, adjacent to the western-most sill contacts. The northwestern chargeability anomaly coincides with a pronounced resistivity low and is approximately coincident with mineralization encountered in drill hole RC-02-09. The southwestern anomaly coincides with a subtler chargeability low, and is in the vicinity of continuous chip samples with anomalous to >2,000 ppb Au collected in 1993 by J. VanRanden of Aurum Geological Consultants and in 2001 by C. Coe. A

third, smaller chargeability high and resistivity low anomaly in the south-central portion of the area was tested by drill hole RC02-10, which intersected anomalous gold grades.

A small yet pronounced resistivity low was tested by drill holes RC02-05 and RC-02-06, which penetrated an intensely faulted area, and yielded gold grades up to 2901 ppb. This resistivity low feature is interpreted as resulting from fault clays acting as a bulk conductor.



GROUND MAGNETICS

Ground magnetics work consisted of 12.5 m spaced stations portable magnetometer survey extending 10,562 m in 7 east-west-trending lines plus 823 m in a north-south-trending control line. Lines were spaced by 250 m. Individual east-west lines measured between 1825 m and 2875 m in length in the Ice claims.

A plan view of the data shows two pronounced magnetic high features in the Ice claims. The most pronounced magnetic high is in the northwestern portion of the claims, and is slightly off-set from the chargeability high/resistivity low discussed above. The magnetic high feature was tested by drill hole RC02-09, and is interpreted as resulting from pyrrhotite hornfels in shales. Another, smaller

magnetic high feature in the south-central part of the claims coincides with a chargeability high/resistivity low anomaly, and was tested by RC02-10, which intersected anomalous gold grades.

Regent Ventures ran an IP (chargeability and resistivity) and Ground Magnetics survey in the southern-most portion of its BX claims, in conjunction with ASC Industries Ltd's geophysical survey. The portion of the survey in Regent's property consisted of 3,841 m in 4 east-west-trending lines with 25-metre spaced stations. Pseudosections of the IP lines extending from ASC's Ice claims into Regent Ventures' property show a prominent anomalous (chargeability high and resistivity low, and off-set magnetic high) zone coincident with a pronounced Au in soils geochemical anomaly at the headwaters of Hobo Creek.

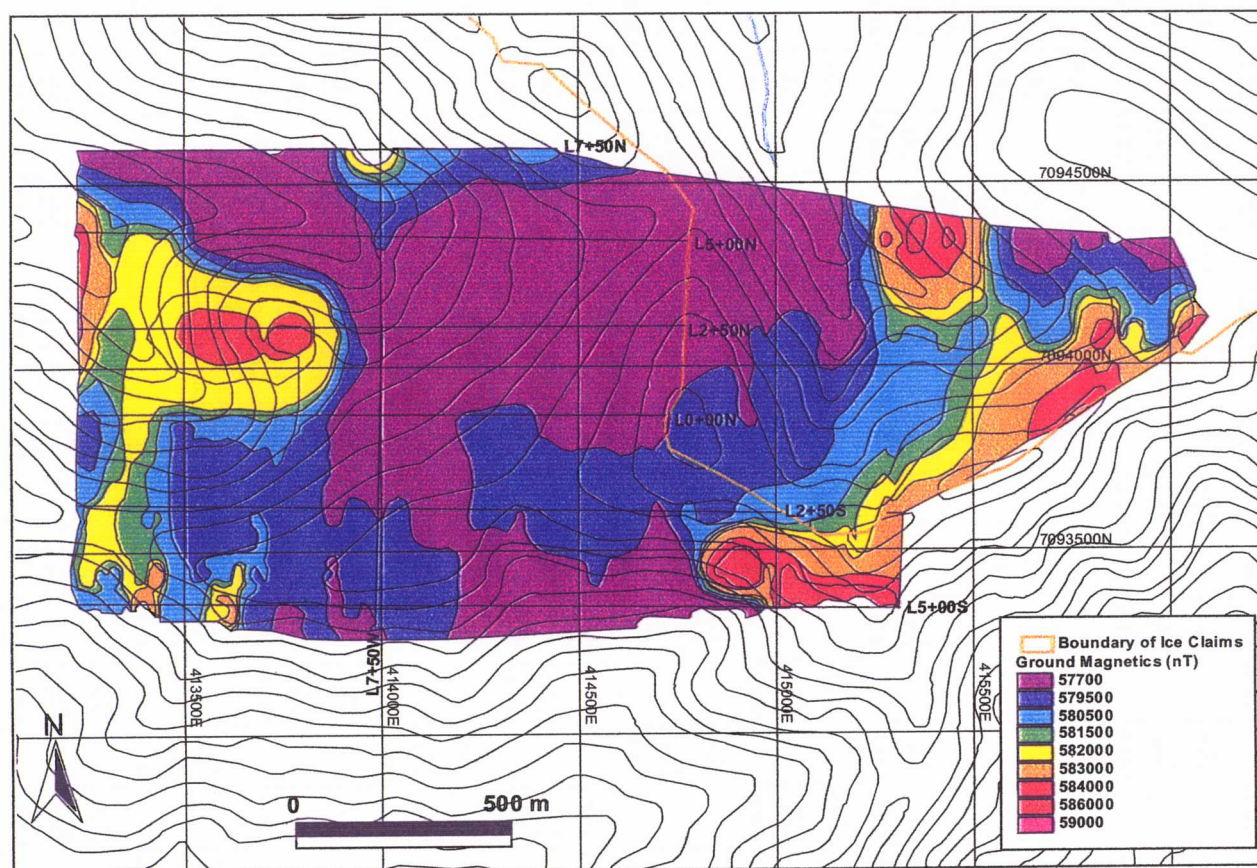


Figure 12. Ground magnetic contour plan.

Reverse Circulation Drilling

Midnight Sun Drillers drilled a total of 603 m/1980 ft in 10 reverse circulation drill holes.

Drill hole collar locations and attitude are listed in Table 1. Figure 13 shows the location of cross-sections discussed below.

RC02-01 to RC02-04 tested an area with coincident

chargeability high, resistivity low, and prominent gold in soils geochemical anomalies in the western-most end of the property. Continuous chip samples of veined intrusive rock collected in the area during the 1993 and 2001 exploration seasons yielded strongly anomalous gold values (0.300 to 2.288 g/t). Gold grades are increasingly anomalous towards the west. Drill hole RC02-04 yielded intervals of 0.85 g/t over 15 ft (130-145 ft depth) and 0.84 g/t over 15 ft (180-195 ft depth), including 5 ft of 1.13 g/t Au (185-190 ft depth).

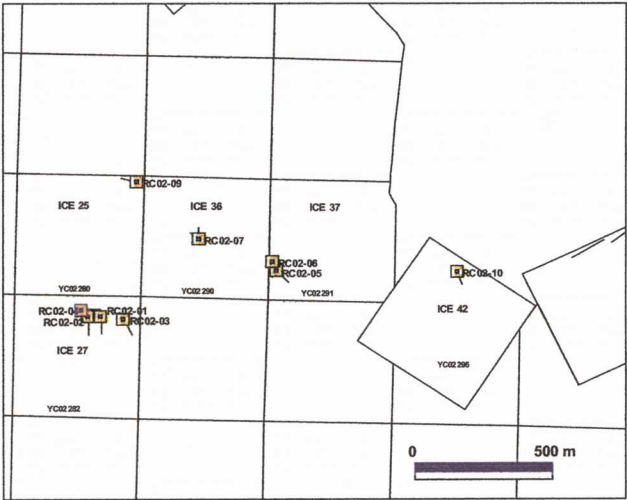
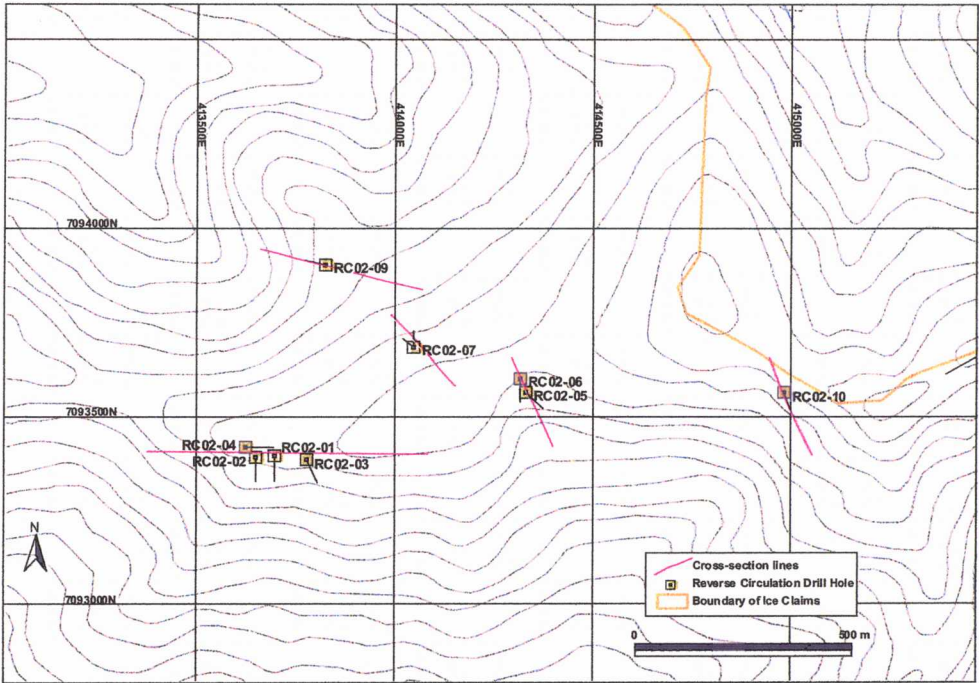


Figure 13. Location of the 2002 reverse circulation drill holes.

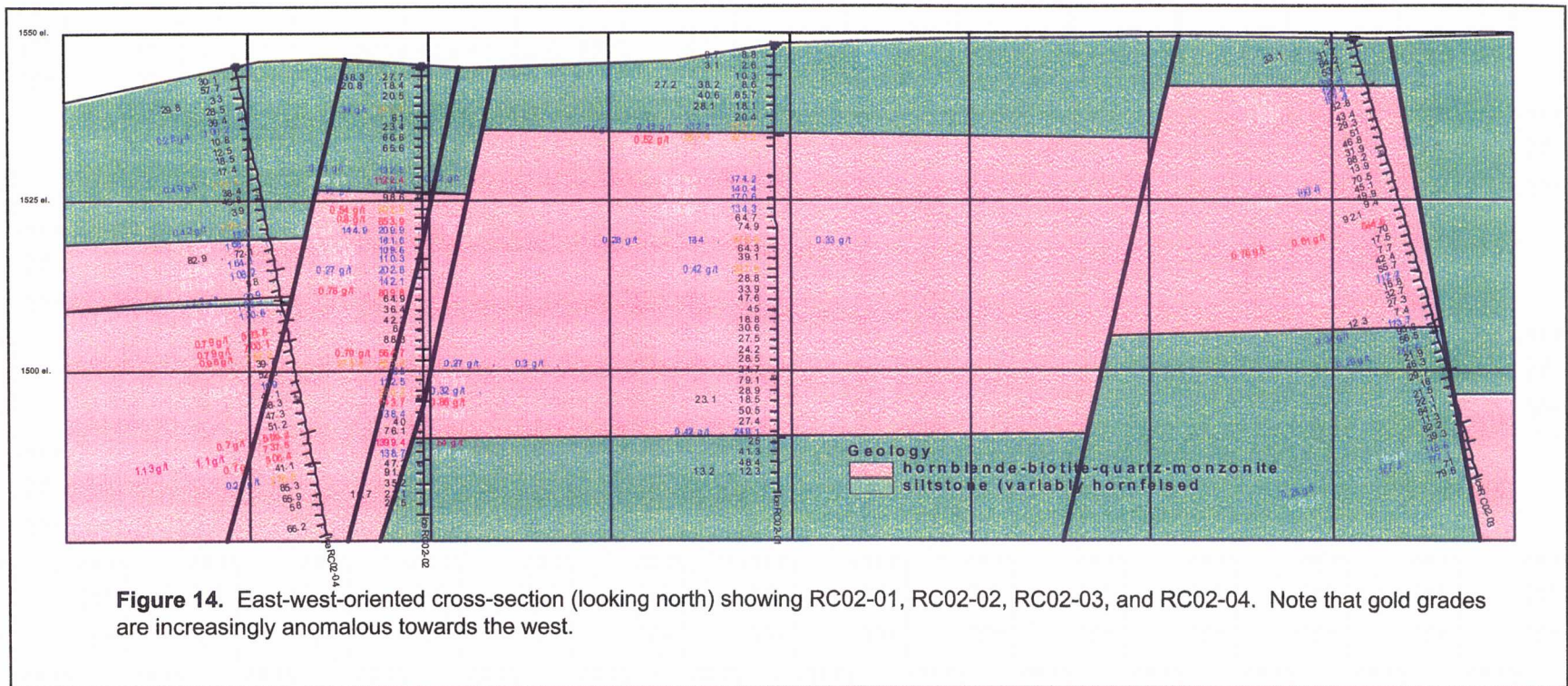


Figure 14. East-west-oriented cross-section (looking north) showing RC02-01, RC02-02, RC02-03, and RC02-04. Note that gold grades are increasingly anomalous towards the west.

Table 1. Reverse circulation drill hole collar locations and attitude.

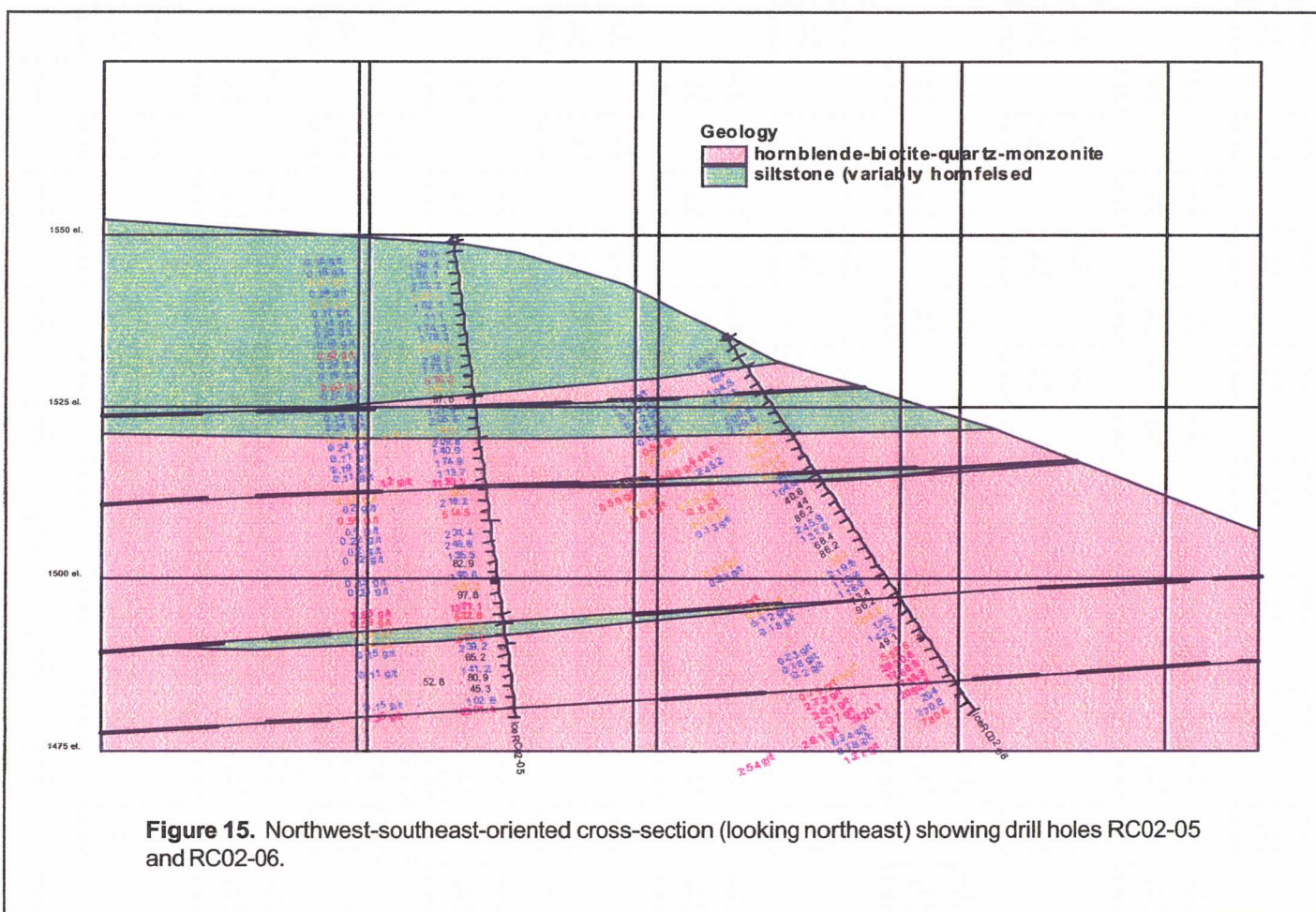
Drill Hole	UTM E	UTM N	azimuth	dip	depth (m)
RC02-01	413697	7093394	180	-80	67.05
RC02-02	413649	7093392	180	-80	67.05
RC02-03	413778	7093384	154	-60	74.67
RC02-04	413624	7093418	90	-80	70.1
RC02-05	414329	7093564	135	-60	70.1
RC02-06	414315	7093600	180	-80	62.48
RC02-07	414048	7093685	0	-75	44.2
RC02-08	414048	7093685	310	-65	38.1
RC02-09	413824	7093902	285	-80	54.45
RC02-10	414981	7093562	160	-80	53.34

Drill holes **RC02-05** and **RC02-06** tested a small resistivity low feature coincident with a soil geochemical anomaly in an area where faults form prominent topographic features. The holes intersected a fault repeated sequence of intrusive and hornfels. Neither hole penetrated beneath the thickened sill. The mineralized zone remains open at depth.

RC02-05 intersected 20 ft/6.1 m of 1.07 g/t Au (175-195 ft depth), including 5 ft of 1.83 g/t Au (175-180 ft depth). Additionally, the hole intersected 5 ft of 4.35

g/t Au at the bottom of hole (225-230 ft depth), which is interpreted as the lateral extension of the intrusive-hosted mineralized interval at the bottom of RC02-06, 164 ft/50 m to the east.

RC02-06 intersected 40 ft/12.19 m of 1.47 g/t Au (165-205 ft depth; bottom of hole), including: 5 ft of 2.72 g/t Au (170-175 ft depth); 5 ft of 2.01 g/t Au (175-180 ft); 2.07 g/t Au (180-185 ft); 1.54 g/t Au (185-190 ft). Gold mineralization is hosted in faulted intrusive rock, and remains open at depth.



Drill holes **RC02-07** and **RC02-08** tested the sill and hornfels above the location of strongly anomalous panel samples. The holes intersected anomalous zones up to 0.41 g/t Au over 60 ft/18.3 m.

RC02-09 tested a coincident geochemical and geo-physical (chargeability high, resistivity low, and off-set magnetic high) anomalous zone in the northwestern part of the property. The hole penetrated fault-repeated

intrusive-hornfels contacts, and intersected 50 ft/15.24 m of 0.91 g/t Au hosted in intrusive and hornfels from (30-80 ft depth), including intervals of 3.83 g/t Au over 5 ft (30-35 ft depth) and 3.12 g/t Au over 5 ft (75-80 ft depth). Fire assay re-analyses of the two highest grade intervals yielded gold values that are 22% higher than standard ICP gold analyses.

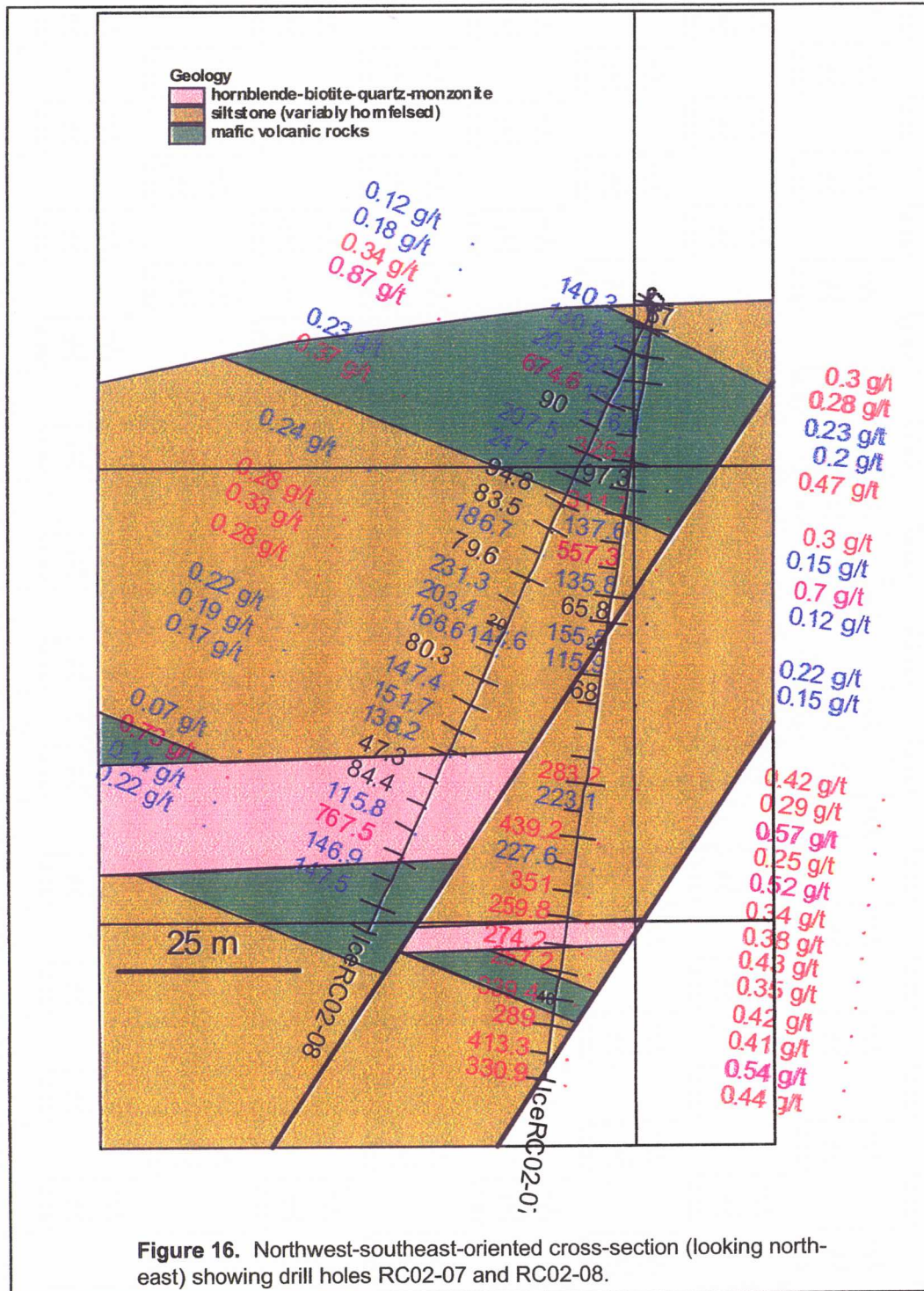
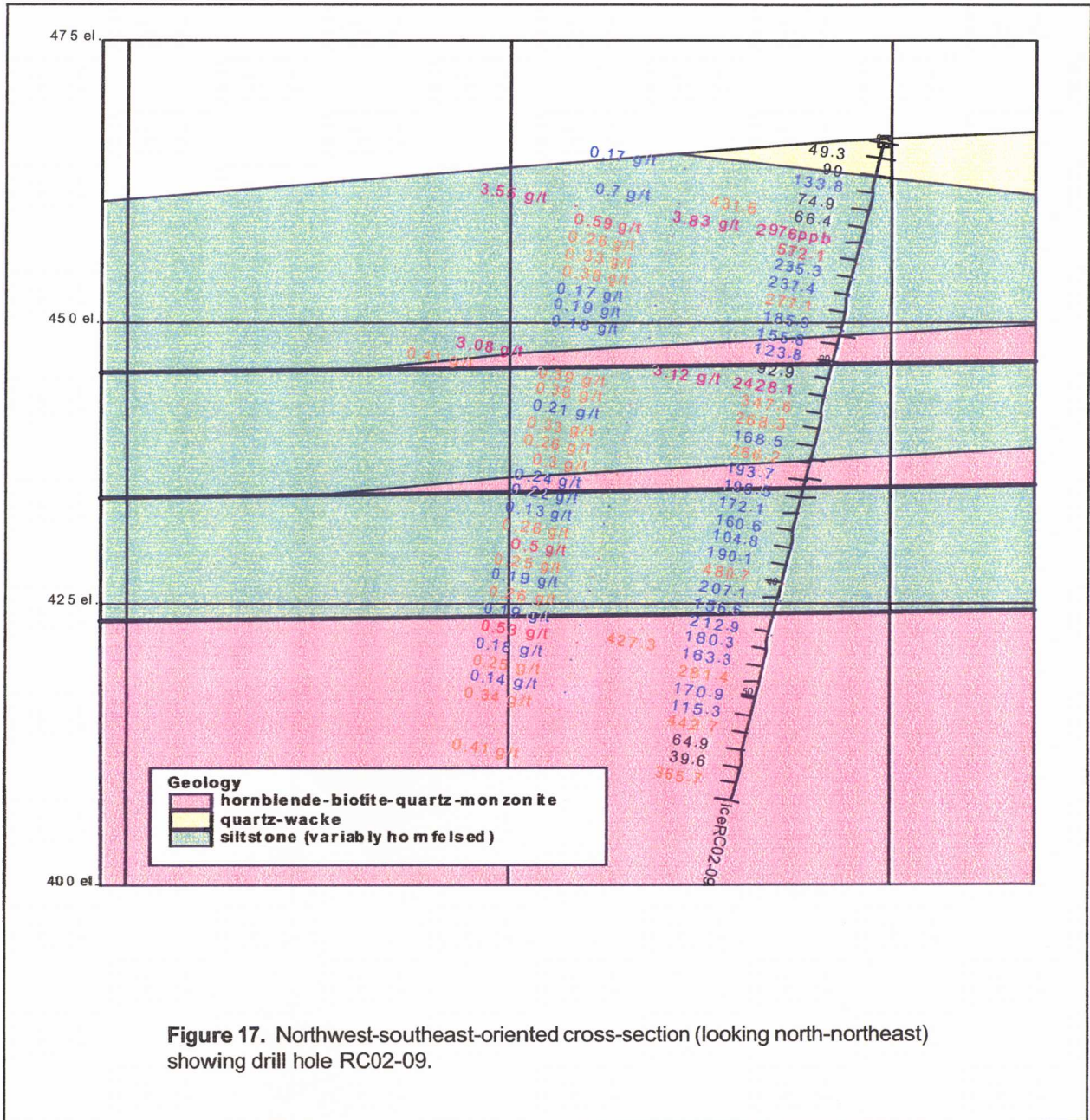


Figure 16. Northwest-southeast-oriented cross-section (looking northeast) showing drill holes RC02-07 and RC02-08.



RC02-10 tested an area of coincident soil geochemical, IP (chargeability high and resistivity low)

and ground magnetic anomalies. The hole was drilled in sandstone and shale, and intersected an area of anomalous (mostly over 0.1 g/t) gold.

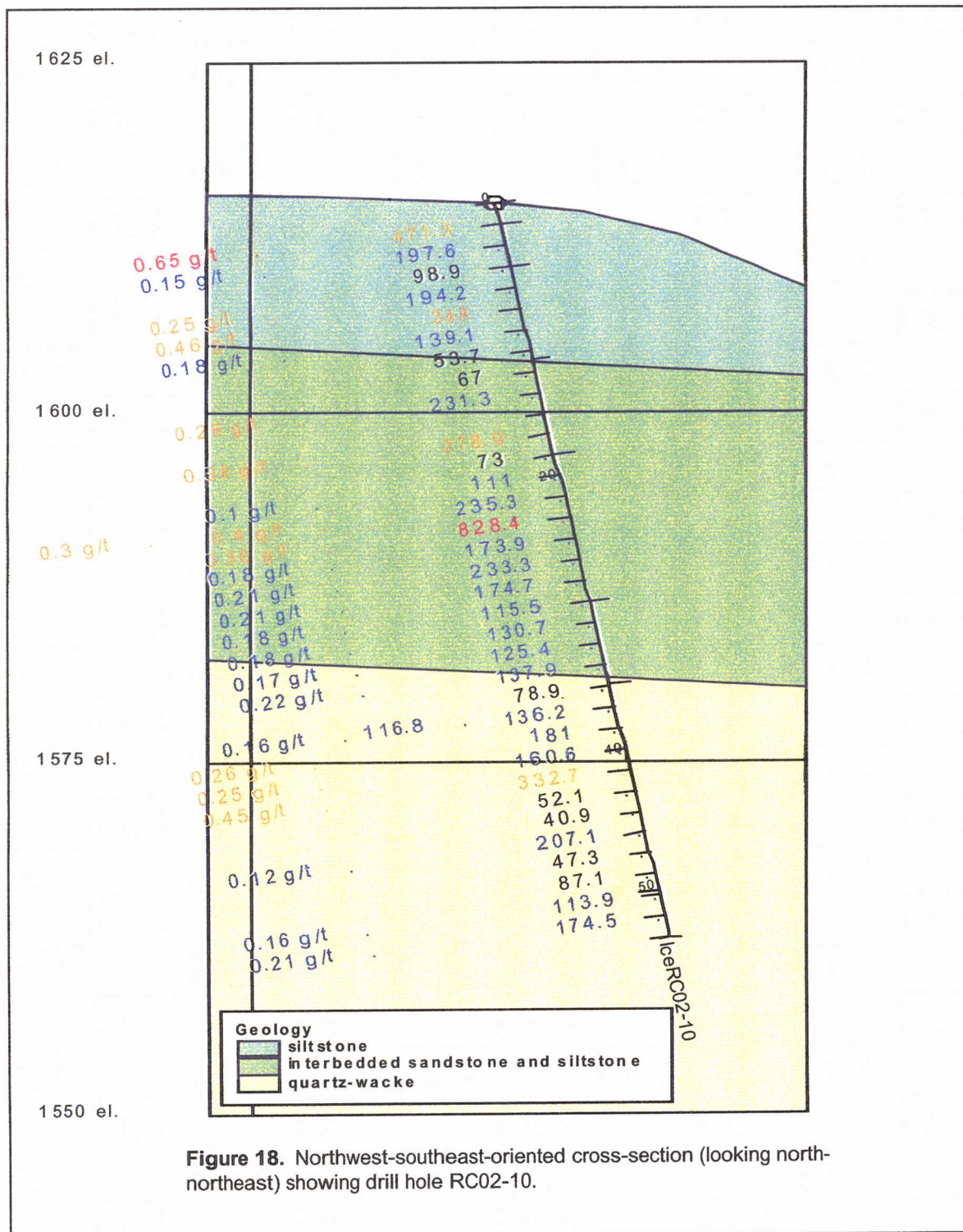


Figure 18. Northwest-southeast-oriented cross-section (looking north-northeast) showing drill hole RC02-10.

Diamond Drilling

Delorme Drilling drilled a total of 422 m/1,384 ft in 2 holes.

Diamond drilling targeted the Treadwell Adit vein, from which surface samples yielded up to 14.2 g/t Au.

The bottom of drill hole DD02-02 intersected over 50 m of increasingly anomalous gold values associated with quartz-sulphide veins. The hole was abandoned in the veining area because of the early onset of winter conditions.

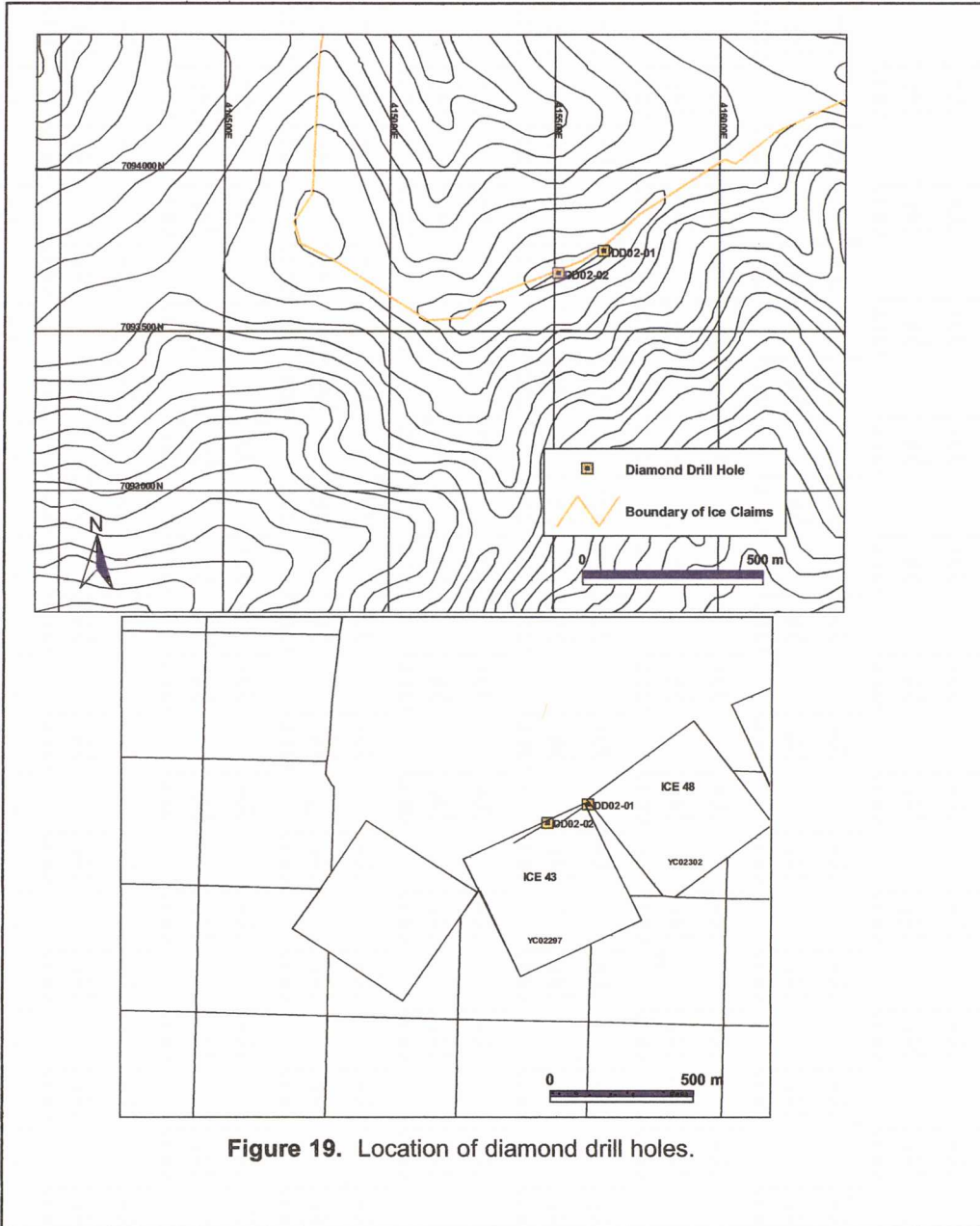
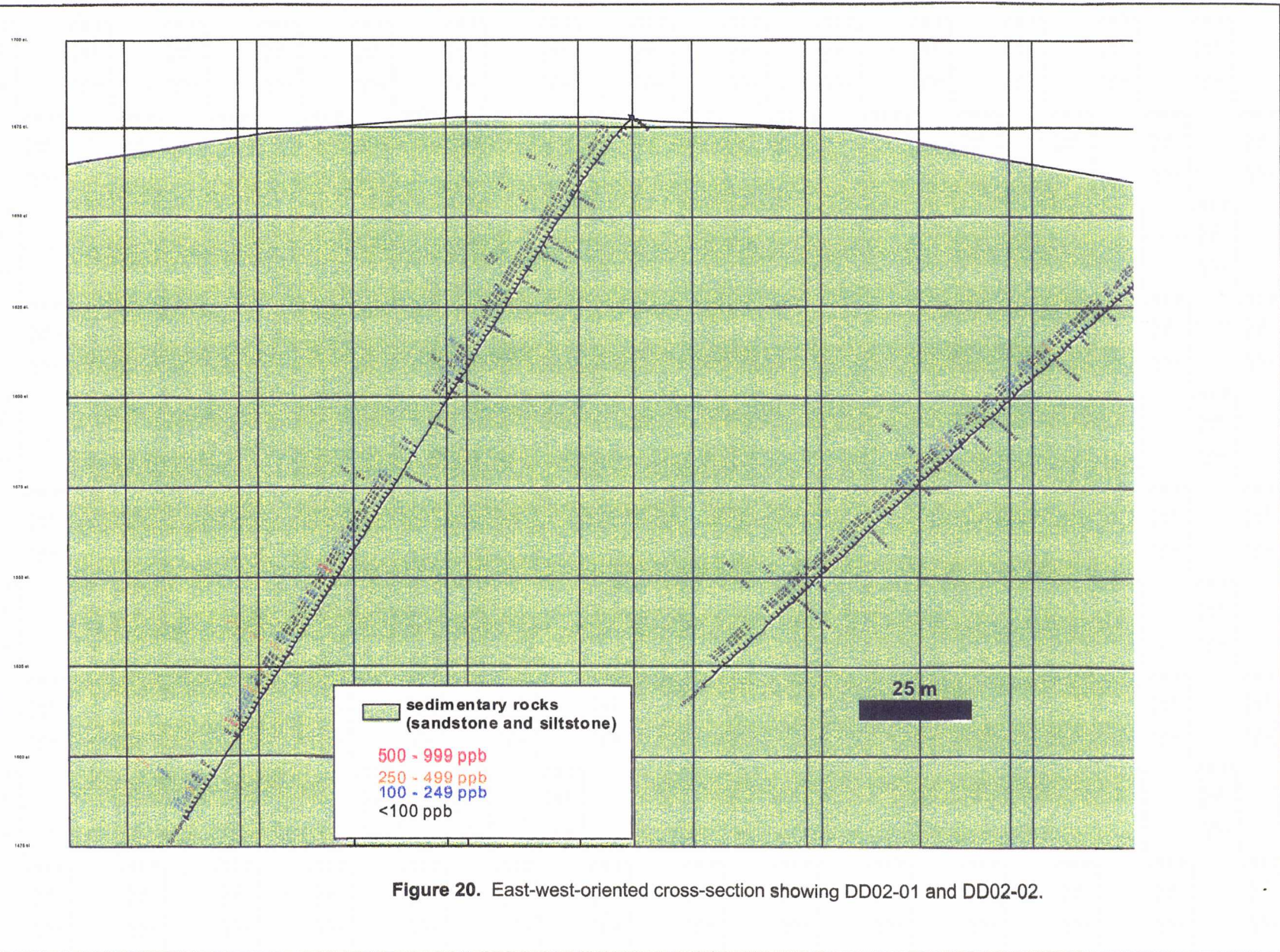


Figure 19. Location of diamond drill holes.

Table 2. Diamond drill hole collar location and attitude.

Drill Hole	UTM E	UTM N	azimuth	dip	depth (m)
DD02-01	415648	7093750	234	-45	195.07
DD02-02	415508	7093681	239	-50	173.44



Test Pitting

Upon receiving preliminary results for diamond drill hole DD02-01, it was decided to test pit the quartz-tourmaline vein immediately west of DD02-01 collar, in order to determine its attitude, and if it was intercepted by DD02-01. Two adjacent test pits were dug by excavator. Approximate pit dimensions are 2 x 1.5 x 1.5 m. The test pits exposed two irregularly shaped, discontinuous veins or portions of the same vein, with large crystalline (open-space-filling) quartz as well as aphanitic translucent (bull) quartz. Interpreted vein trend is 185° (if one continuous vein) or 220° (if two separate veins) and morphology is lense-shaped, suggesting that it would be easily missed by drilling. The veins are hosted in strongly silicified, rusty-weathering white, quartz-wacke. Oxidation of fracture and bedding surfaces is significantly more intense around the veined area. The test pits also exposed oxidized gouge in a 135°-trending fault. Geochemical analyses from the test pits yielded values up to 1,965.6 ppb Au in vein and 1,853.1 in fault, suggesting that the two are related.

Road Building

4,088 m of access road was built between the southern portion of Regent Ventures' BX claims and Ice Property. Additionally, 4,675 m of access road was built off the Ice claims to improve access to Regent Ventures' and ASC Industries' properties (Figure 21).

Interpretations and Conclusions

The Ice Property covers a bulk-tonnage, low grade gold target consisting of a Cretaceous biotite-quartz-monzonite sill intruding Cambrian sedimentary rocks, and high grade quartz-sulphide veins. The sill is part of Tombstone Plutonic Suite, which is the principal component of Tintina Gold Belt. Similar intrusive rocks of Tombstone Plutonic Suite host the 5.4 Moz Fort Knox deposit in Alaska, and the 4.1 Moz Dublin Gulch deposit nearby in the Mayo Mining District, Yukon. In the 0.85 Moz Brewery Creek deposit, gold mineralization is hosted in Tombstone Suite sills and in the surrounding sedimentary rocks.

In the Ice Property, low grade mineralization was intercepted in reverse circulation holes, in intrusive and in sedimentary rocks, suggesting potential for both intrusive-hosted and sediment-hosted gold. Results from the 2002 exploration season show that gold mineralization associated with the sill is widespread, and locally reaches grades over 4 g/t. Reverse circulation drilling provided a better understanding of the geometry of the intrusive target and the nature of gold

mineralization. Gold grades are highest and mineralized areas are thickest in zones where the intrusive/sedimentary contact is repeated by faulting. Resistivity contours outline some of the principal fault controls over gold mineralization.

Gold fire assay re-analyses of 241 reverse circulation samples yielded values that are significantly different from ICP gold analyses. 80% of the samples show an increase in gold in fire assay analyses by up to 273%, and 19% of the samples show a decrease by up to 63%. The increase is interpreted as a result of a more complete sample dissolution for the fire assay, which liberates gold from sulphide lattices, whereas a nugget effect in the ICP analyses is the preferred interpretation for samples in which gold in the fire assay has lower values than in the ICP analysis.

Six reverse circulation sample duplicates were sent to Chemex Labs for check analyses. The fire assays differ from Acme's by up to 34%.

The source of the most prominent gold in soils geochemical anomaly in the south-central portion of the property remains unexplained, as drill hole RC02-10 intercept only anomalous gold grades.

Recommendations for future work

Detailed (1:1,000) surficial mapping and sampling of the Treadwell Vein Adit area and of the area around RC02-09, with special attention to fault controls should be performed early on in the summer, when weather and visibility conditions are best. Diamond drilling collaring in the southern slope (closer to the Treadwell Adit) is recommended. New drill targets may arise from detail mapping.

Reverse circulation drilling with a helicopter portable rig proved to be inappropriate in the Ice Property, due to poor to null recovery in fault zones, inability to drill holes deeper than 220 ft, frozen compressed air in cold weather, and large fuel demands. Diamond drilling with HQ or larger core diameter is recommended for future exploration programs in the property. HQ core provides a larger sample size than NQ, and allows for reducing to smaller diameters in faulted areas. Alternatively, reverse circulation drilling with a larger unit, capable of deeper penetration should be considered.

Follow-up drilling should be planned to target the northwest-trending structure and soil geochemical anomaly extending from northwest of RC02-09 to southeast of RC02-05 and RC02-06. Timber pad construction may be required for drilling around RC02-

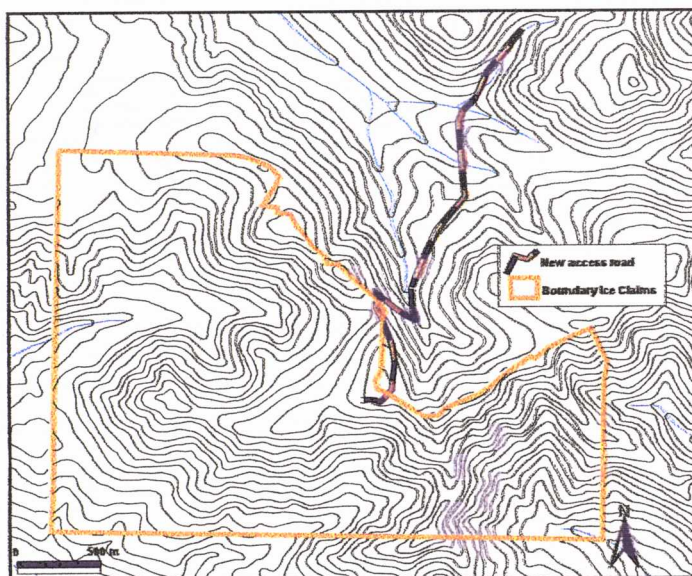
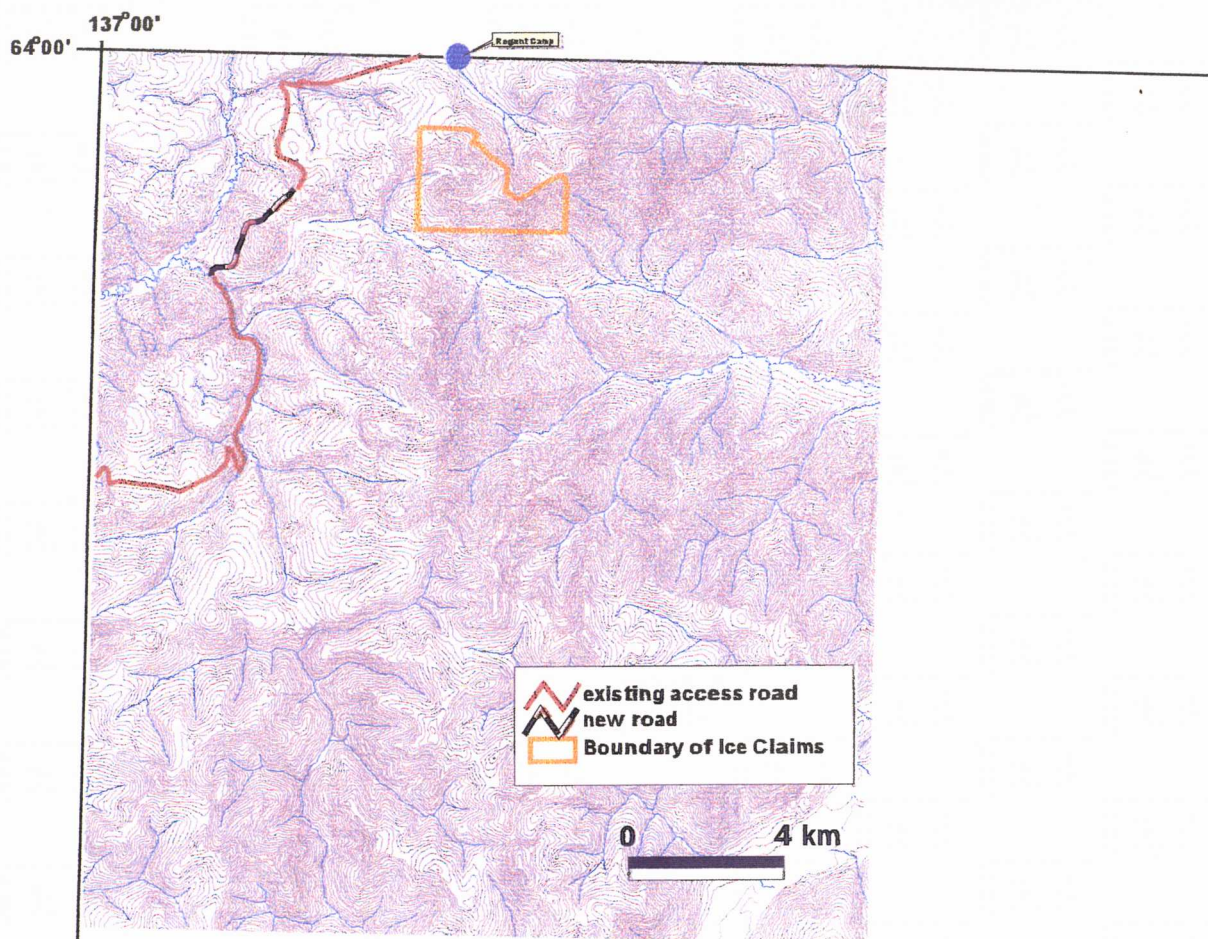


Figure 21. Access roads constructed during the 2002 field season.
 Top: Northwest corner of NTS 115P/15, showing existing access road, new road constructed during the 2002 field season, and the location of ASC Industries Ltd.'s quartz claims.
 Bottom: Access road from Regent Ventures' BX claims to Ice property.

09, because of swampy ground.

The area to the west of RC-02-04 warrants more drilling, as continuous chip samples from previous years in the intrusive yielded encouraging results, and the western-most reverse circulation drill holes yielded increasingly anomalous areas towards the west, as well as samples in excess of 1000 ppb over 5 ft.

Given the significant difference between gold fire assay and ICP analyses, it is recommended to perform fire assay in all drill samples. It is also recommended to send regular duplicate samples to a second laboratory, in order to achieve a statistical representation of analytical precision.

Reverse circulation and diamond drill holes were analysed for Au, Cu, Sb, As, and Bi. It is recommended to perform multi-element statistical analyses and plot cross-sections showing the different elements, in order to identify possible elemental or mineralogical correlations with gold that can be extrapolated to field mapping and prospecting.

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Proposed 2003 Budget ASC Industries Ltd. Ice Property, Red Mountain, Yukon

1.0 Geological Mapping, sampling and data compilation

Budget

Geologist: 20 days @ \$350/day	\$7,000.00
Helicopter 1 trip @ \$2100	\$2,100.00
Camp costs: 20 days @ \$50/day	\$2,000.00
Sample supplies, etc.	\$1,000.00
Assays: 150 samples @ \$20/sample	\$3,000.00
Truck rental, Travel costs, etc.	\$1,000.00
Total	\$16,100.00

2.0 HQ Core Drilling Budget

Budget

Mob/demob (crew plus drill)	\$20,000.00
1800 meters HQ core drilling @ \$130/m	\$234,000.00
Geologist & core splitter:	\$33,750.00
Assays: 1200 samples @ \$20/sample	\$24,000.00
Camp & supplies	\$45,000.00
Fuel : 15,000 litres @ \$1.50/litre including drum fees	\$22,500.00
Helicopter:	\$30,000.00
Total	\$409,250.00

3.0 Complete access road to Property, construct drill pads, and for reclamation costs

Budget

Access road upgrade	\$15,000.00
Drill site preparation	\$10,000.00
Reclamation work	\$15,000.00
Total	\$40,000.00

BUDGET SUMMARY

1.0 Geological Mapping, sampling and data compilation	\$16,100.00
2.0 HQ Core Drilling Budget	\$409,000.00
3.0 Complete access road to Property, construct drill pads, and for reclamation costs	\$40,000.00
4.0 Contingency @ ~10%	\$46,500.00
Total	\$511,600.00

Statement of Qualifications

I, Anna Fonseca, certify that:

- 1. I have been involved in geological mapping and mineral exploration in Yukon and Alaska since 1994.**
- 2. I am a graduate of the University of Alaska Fairbanks with a Degree in Geology (B.Sc., 1993), and I obtained a Masters of Science degree from the University of British Columbia in mineral exploration (M.Sc., 1998).**
- 3. I am the author of all sections of this report on ASC Industries Ltd.'s Ice Property.**
- 4. I was directly involved in the 2002 gold exploration program in the Ice Property.**
- 5. I have no direct or indirect interest, in the properties or securities of ASC Industries Ltd., or affiliated companies, nor do I expect to acquire such interest.**

Appendix I - Drill hole geochemical analyses
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Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Bi (ppm)	Work Order
RC02-01	175451	5	10	1.52	3.05	8.8	79.9	70.2	0.7	A203089
RC02-01	175452	5	10	1.52	3.05	8.7	80.4	69.3	0.7	A203089
RC02-01	175453	10	15	3.05	4.57	2.6	45	48	0.7	A203089
RC02-01	175454	10	15	3.05	4.57	3.1	44.5	38.5	0.6	A203089
RC02-01	175455	15	20	4.57	6.10	10.3	84.5	28.1	4.4	A203089
RC02-01	175456	20	20	6.10	6.10	8.6	82.1	27.3	4.2	A203089
RC02-01	175457	20	25	6.10	7.62	27.2	118.2	151	1.5	A203089
RC02-01	175458	20	25	6.10	7.62	38.2	114.8	194.5	1.6	A203089
RC02-01	175459	25	30	7.62	9.14	65.7	158.1	243.5	1.5	A203089
RC02-01	175460	25	30	7.62	9.14	40.6	156.2	261.1	1.5	A203089
RC02-01	175461	30	35	9.14	10.67	18.1	73.8	38.6	1.8	A203089
RC02-01	175462	30	35	9.14	10.67	28.1	71.9	33.2	1.7	A203089
RC02-01	175463	35	40	10.67	12.19	20.4	117.3	71.7	2.2	A203089
RC02-01	175464	40	45	12.19	13.72	256.7	136.1	87.5	1	A203089
RC02-01	175465	40	45	12.19	13.72	132.8	133.9	89.6	1	A203089
RC02-01	175466	45	50	13.72	15.24	361.4	78	291.3	3.3	A203089
RC02-01	175466	45	50	13.72	15.24	321.2	78.3	286.9	3.4	A203089
RC02-01	175469	65	70	19.81	21.34	174.2	65.2	67.6	1	A203089
RC02-01	175470	90	95	27.43	28.96	74.9	26.3	42.1	0.8	A203089
RC02-01	175471	70	75	21.34	22.86	140.4	92.4	132.5	1.6	A203089
RC02-01	175472	75	80	22.86	24.38	170.6	86.7	151.2	1.7	A203089
RC02-01	175473	80	85	24.38	25.91	134.3	54.4	50.3	1.1	A203089
RC02-01	175474	85	90	25.91	27.43	64.7	33.3	115.9	0.8	A203089
RC02-01	175475	95	100	28.96	30.48	379.9	54	157.8	1.9	A203089
RC02-01	175476	95	100	28.96	30.48	184	51	121.1	1.5	A203089
RC02-01	175477	100	105	30.48	32.00	64.3	37.4	31.4	0.4	A203089
RC02-01	175478	105	110	32.00	33.53	39.1	40.2	23.3	0.4	A203089
RC02-01	175479	110	115	33.53	35.05	297.8	36.8	28.8	1.4	A203089
RC02-01	175480	115	120	35.05	36.58	28.8	29.9	9.2	0.1	A203089
RC02-01	175481	120	125	36.58	38.10	33.9	39.9	12	0.1	A203089
RC02-01	175482	125	130	38.10	39.62	47.6	41.1	13.8	0.4	A203089
RC02-01	175483	130	135	39.62	41.15	45	51.5	47.1	0.6	A203089
RC02-01	175484	135	140	41.15	42.67	18.8	49.2	18.1	0.2	A203089
RC02-01	175485	140	145	42.67	44.20	30.6	55.1	182.3	0.7	A203089
RC02-01	175486	145	150	44.20	45.72	27.5	48.4	26.1	0.4	A203089
RC02-01	175487	150	155	45.72	47.24	24.2	56.9	12.8	0.2	A203089
RC02-01	175488	155	160	47.24	48.77	28.5	57.5	7.7	0.3	A203089
RC02-01	175489	160	165	48.77	50.29	24.7	50.1	12.7	0.4	A203089
RC02-01	175490	165	170	50.29	51.82	79.1	59	68.9	0.9	A203089
RC02-01	175491	170	175	51.82	53.34	28.9	81.4	33	1.1	A203089
RC02-01	175492	175	180	53.34	54.86	18.5	68.5	18.2	0.3	A203089
RC02-01	175493	175	180	53.34	54.86	23.1	69.1	21.9	0.3	A203089
RC02-01	175494	180	185	54.86	56.39	50.5	59.4	18.1	0.8	A203089
RC02-01	175495	185	190	56.39	57.91	27.4	82.4	21.4	0.7	A203089
RC02-01	175496	190	195	57.91	59.44	249.1	103.9	66.5	1.7	A203089
RC02-01	175497	195	200	59.44	60.96	25	108.5	229.9	2.1	A203089
RC02-01	175498	200	205	60.96	62.48	41.3	69.8	955.3	6.3	A203089
RC02-01	175499	205	210	62.48	64.01	48.4	99.1	490.9	11	A203089
RC02-01	175500	210	215	64.01	65.53	12.3	76.8	480.5	3.7	A203089
RC02-01	175500	210	215	64.01	65.53	13.2	78.8	481.3	3.7	A203089
RC02-02	177001	5	10	1.52	3.05	27.7	137.3	371.6	2.1	A203089

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Bi (ppm)	Work Orde
RC02-02	177002	5	10	1.52	3.05	38.3	132.4	394.4	2.1	A203089
RC02-02	177003	10	15	3.05	4.57	18.4	74.2	146.8	1.5	A203089
RC02-02	177004	10	15	3.05	4.57	20.8	79.9	209.8	1.7	A203089
RC02-02	177005	15	20	4.57	6.10	20.5	136.2	329.4	1.6	A203089
RC02-02	177006	20	25	6.10	7.62	283.9	93.5	48.9	2.5	A203089
RC02-02	177007	25	30	7.62	9.14	61	110.8	191.5	2	A203089
RC02-02	177008	30	35	9.14	10.67	23.4	108.1	283	2.4	A203089
RC02-02	177009	35	40	10.67	12.19	66.6	213.5	189.7	0.8	A203089
RC02-02	177010	40	45	12.19	13.72	65.6	227.6	405	1.1	A203089
RC02-02	177011	50	55	15.24	16.76	192.5	399.2	121.7	2.7	A203089
RC02-02	177012	55	60	16.76	18.29	1122.4	250.4	71.9	0.7	A203089
RC02-02	177013	60	65	18.29	19.81	235	112.3	146.6	2.1	A203089
RC02-02	177014	65	70	19.81	21.34	98.6	49.4	40.1	1.2	A203089
RC02-02	177015	70	75	21.34	22.86	402.9	31.4	237	3.6	A203089
RC02-02	177016	75	80	22.86	24.38	853.9	49.3	79.2	2.3	A203089
RC02-02	177017	80	85	24.38	25.91	209.9	50.1	33.2	0.8	A203089
RC02-02	177018	80	85	24.38	25.91	144.9	52.1	32.3	0.6	A203089
RC02-02	177019	85	90	25.91	27.43	181.6	41.7	60.8	1.1	A203089

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	Ag (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-02	177020	90	95	27.43	28.96	109.6	52.2	0.2	0.8	0.6	A203277
RC02-02	177021	95	100	28.96	30.48	110.3	52.7	0.2	0.9	0.4	A203277
RC02-02	177022	100	105	30.48	32.00	202.6	32	0.2	1.1	1.1	A203277
RC02-02	177023	105	110	32.00	33.53	142.1	68.2	0.2	0.9	1.4	A203277
RC02-02	177024	110	115	33.53	35.05	809.8	54.6	0.4	2.2	4.3	A203277
RC02-02	177025	115	120	35.05	36.58	64.9	36.9	0.2	1	0.6	A203277
RC02-02	177026	120	125	36.58	38.10	36.4	24.4	0.1	0.6	0.3	A203277
RC02-02	177027	125	130	38.10	39.62	42.2	23.2	0.1	0.6	0.3	A203277
RC02-02	177028	130	135	39.62	41.15	64	11.6	0.1	0.5	0.6	A203277
RC02-02	177029	135	140	41.15	42.67	88.3	27.6	0.1	0.7	0.6	A203277
RC02-02	177030	140	145	42.67	44.20	564.7	36.7	0.3	2.6	3.1	A203277
RC02-02	177031	145	150	44.20	45.72	425.6	25.5	0.2	1.3	1.4	A203277
RC02-02	177032	145	150	44.20	45.72	273.8	24.2	0.2	1.4	1.5	A203277
RC02-02	177033	150	155	45.72	47.24	165	35.6	0.2	1.2	1	A203277
RC02-02	177034	155	160	47.24	48.77	112.5	41.6	0.3	1.2	0.7	A203277
RC02-02	177035	160	165	48.77	50.29	280.2	76.3	0.4	1.5	2.6	A203277
RC02-02	177036	165	170	50.29	51.82	643.7	31.5	0.3	2.3	3.6	A203277
RC02-02	177037	170	175	51.82	53.34	138.4	34.4	0.2	1	0.9	A203277
RC02-02	177038	175	180	53.34	54.86	40	45.6	0.2	2.2	0.8	A203277
RC02-02	177039	180	185	54.86	56.39	76.1	50.3	0.3	2.8	9.9	A203277
RC02-02	177040	185	190	56.39	57.91	1399.4	38	0.6	1.9	7.8	A203277
RC02-02	177041	190	195	57.91	59.44	138.7	79.3	0.3	2.3	2.2	A203277
RC02-02	177042	195	200	59.44	60.96	47.2	132.9	0.3	2.4	1.1	A203277
RC02-02	177043	200	205	60.96	62.48	91.1	331.8	0.3	1.8	3.9	A203277
RC02-02	177044	205	210	62.48	64.01	35.2	61.5	0.1	1.1	0.8	A203277
RC02-02	177045	210	215	64.01	65.53	23.1	53.6	0.1	1.1	1.4	A203277
RC02-02	177046	210	215	64.01	65.53	16.7	57.4	0.1	1	1.5	A203277
RC02-02	177047	215	220	65.53	67.06	27.5	73.6	0.2	0.9	1.4	A203277
RC02-03	177048	0	5	0.00	1.52	44	147.8	0.3	1	1.2	A203277
RC02-03	177049	0	5	0.00	1.52	33.1	137.8	0.3	1	1.3	A203277
RC02-03	177050	5	10	1.52	3.05	31.7	128.6	0.2	1.3	1	A203277

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	Ag (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-03	177051	10	15	3.05	4.57	64.2	160.3	0.3	2.2	1.3	A203277
RC02-03	177052	15	20	4.57	6.10	53.1	161.6	0.4	0.9	1.4	A203277
RC02-03	177053	20	25	6.10	7.62	205.4	250	0.3	1.9	1.8	A203277
RC02-03	177054	25	30	7.62	9.14	123.6	83.5	0.3	3.1	1.1	A203277
RC02-03	177055	30	35	9.14	10.67	167.4	30.3	0.2	3.5	1.3	A203277
RC02-03	177056	35	40	10.67	12.19	62.8	27.1	0.2	2.5	1.3	A203277
RC02-03	177057	40	45	12.19	13.72	43.4	24.3	0.2	2.5	1.2	A203277
RC02-03	177058	45	50	13.72	15.24	29.3	20.3	0.1	2.8	0.6	A203277
RC02-03	177059	50	55	15.24	16.76	51	24.5	0.2	2.6	0.8	A203277
RC02-03	177060	55	60	16.76	18.29	46.8	55.1	0.2	2.2	0.6	A203277
RC02-03	177061	60	65	18.29	19.81	31.9	41.5	0.2	2.1	0.6	A203277
RC02-03	177062	65	70	19.81	21.34	98.2	28.2	0.2	1.9	1	A203277
RC02-03	177063	70	75	21.34	22.86	13.9	28.6	0.2	1	0.2	A203277
RC02-03	177064	75	80	22.86	24.38	70.5	23.5	0.2	2.1	0.8	A203277
RC02-03	177065	75	80	22.86	24.38	100.6	22.1	0.2	2.1	1	A203277
RC02-03	177066	80	85	24.38	25.91	45.1	16.5	0.2	1.2	1	A203277
RC02-03	177067	85	90	25.91	27.43	49.9	7.8	0.1	0.8	0.8	A203277
RC02-03	177068	90	95	27.43	28.96	9.4	8.1	0.1	0.4	0.2	A203277
RC02-03	177069	95	100	28.96	30.48	92.1	8.9	0.2	0.5	1.1	A203277
RC02-03	177070	100	105	30.48	32.00	544.6	28.9	0.3	0.9	2	A203277
RC02-03	177071	105	110	32.00	33.53	70	7.6	0.1	0.4	0.3	A203277
RC02-03	177072	110	115	33.53	35.05	17.5	6.2	0.1	0.7	0.2	A203277
RC02-03	177073	115	120	35.05	36.58	7.7	8.9	0.1	0.4	0.2	A203277
RC02-03	177074	120	125	36.58	38.10	42.4	17	0.3	0.8	0.9	A203277
RC02-03	177075	125	130	38.10	39.62	55.7	6.8	0.2	0.6	0.3	A203277
RC02-03	177076	130	135	39.62	41.15	112.2	20.3	0.2	1.6	2.5	A203277
RC02-03	177077	135	140	41.15	42.67	15.8	10.4	0.2	0.6	0.4	A203277
RC02-03	177078	140	145	42.67	44.20	32.7	9.3	0.1	0.6	0.8	A203277
RC02-03	177079	145	150	44.20	45.72	27.3	7.9	0.1	0.9	0.7	A203277
RC02-03	177080	150	155	45.72	47.24	7.4	6.8	0.1	0.6	0.3	A203277
RC02-03	177081	150	155	45.72	47.24	12.3	7.2	0.1	0.6	0.3	A203277
RC02-03	177082	155	160	47.24	48.77	173.7	22.7	0.1	0.9	1.6	A203277
RC02-03	177083	160	165	48.77	50.29	95.6	254.5	0.2	1.9	1.7	A203277
RC02-03	177084	165	170	50.29	51.82	56.5	237.6	0.3	1.7	2.4	A203277
RC02-03	177085	170	175	51.82	53.34	245.6	121.9	0.2	2.8	6.3	A203277
RC02-03	177086	175	180	53.34	54.86	21.9	138.6	0.2	5.7	1.2	A203277
RC02-03	177087	180	185	54.86	56.39	46.3	77.1	0.2	5.9	1.1	A203277
RC02-03	177088	185	190	56.39	57.91	29.7	36.1	0.2	3.5	0.6	A203277
RC02-03	177089	190	195	57.91	59.44	16	15.5	0.2	1	0.3	A203277
RC02-03	177090	195	200	59.44	60.96	21.5	16.6	0.1	0.8	0.7	A203277
RC02-03	177091	200	205	60.96	62.48	22.1	13.3	0.2	0.7	1	A203277
RC02-03	177092	205	210	62.48	64.01	84.1	21.5	0.2	0.7	1.6	A203277
RC02-03	177093	210	215	64.01	65.53	11.3	9.3	0.1	0.5	1.1	A203277
RC02-03	177094	215	220	65.53	67.06	82.2	6.8	0.2	0.6	3.1	A203277
RC02-03	177095	220	225	67.06	68.58	39.3	14.6	0.2	1.2	1.4	A203277
RC02-03	177096	225	230	68.58	70.10	118.6	91.5	0.2	3.2	2.7	A203277
RC02-03	177097	230	235	70.10	71.63	177.1	92.4	0.2	1.6	3.5	A203277
RC02-03	177098	230	235	70.10	71.63	167.4	95.7	0.2	1.6	3.3	A203277
RC02-03	177099	235	240	71.63	73.15	71	196.9	0.6	0.9	5	A203277
RC02-03	177100	240	245	73.15	74.68	79.6	143.3	0.3	0.9	1.6	A203277
RC02-04	177101	5	10	1.52	3.05	30.1	136	0.2	0.7	0.9	A203277
RC02-04	177102	10	15	3.05	4.57	57.7	83.1	0.2	0.7	1.5	A203277
RC02-04	177103	15	20	4.57	6.10	33	89	0.3	0.7	1.2	A203277

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	Ag (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-04	177104	15	20	4.57	6.10	29.8	76.9	0.3	0.6	1.1	A203277
RC02-04	177105	20	25	6.10	7.62	28.5	79.9	0.3	0.7	1.9	A203277
RC02-04	177106	25	30	7.62	9.14	39.4	77.2	0.2	0.6	1.7	A203277
RC02-04	177107	30	35	9.14	10.67	190.2	122	0.3	0.5	1.4	A203277
RC02-04	177108	35	40	10.67	12.19	10.8	52.5	0.1	0.7	0.4	A203277
RC02-04	177109	40	45	12.19	13.72	12.5	55.9	0.1	0.6	0.5	A203277
RC02-04	177110	45	50	13.72	15.24	18.5	64.9	0.1	0.7	0.6	A203277
RC02-04	177111	50	55	15.24	16.76	17.4	92.8	0.1	0.9	0.6	A203277
RC02-04	177112	55	60	16.76	18.29	269.4	202.1	0.3	0.7	1.9	A203277
RC02-04	177113	60	65	18.29	19.81	38.4	153	0.3	0.7	3	A203277
RC02-04	177114	65	70	19.81	21.34	45.8	194.3	0.3	1.1	1.9	A203277
RC02-04	177115	70	75	21.34	22.86	39	187.5	0.4	0.6	2.3	A203277
RC02-04	177116	75	80	22.86	24.38	289.6	206	0.2	1.3	3.7	A203277
RC02-04	177117	80	85	24.38	25.91	133	123.5	0.2	1.7	2.3	A203277
RC02-04	177118	85	90	25.91	27.43	168.2	47.5	0.2	2	1.5	A203277
RC02-04	177119	90	95	27.43	28.96	72.1	49.7	0.3	2.7	0.9	A203277
RC02-04	177120	90	95	27.43	28.96	82.9	52.1	0.3	2.6	1	A203277
RC02-04	177121	95	100	28.96	30.48	164.1	19.7	0.2	3.3	0.7	A203277
RC02-04	177122	100	105	30.48	32.00	106.2	16.7	0.2	0.9	1.1	A203277
RC02-04	177123	105	110	32.00	33.53	58	42.3	0.3	1.2	0.7	A203277
RC02-04	177124	110	115	33.53	35.05	209	27.9	0.2	1	0.8	A203277
RC02-04	177125	115	120	35.05	36.58	100.4	49.1	0.2	2.8	1.1	A203277
RC02-04	177126	120	125	36.58	38.10	120.6	79.9	0.2	2.4	1.6	A203277
RC02-04	177128	130	135	39.62	41.15	593.8	47.2	0.4	4	11.1	A203277
RC02-04	177129	135	140	41.15	42.67	700.1	36.5	0.4	3.1	5.6	A203277
RC02-04	177130	140	145	42.67	44.20	257.2	40	0.2	1.8	2.5	A203277
RC02-04	177131	145	150	44.20	45.72	39.7	34.5	0.2	0.7	0.4	A203277
RC02-04	177132	150	155	45.72	47.24	52.6	28	0.2	0.8	0.6	A203277
RC02-04	177133	155	160	47.24	48.77	199	36.7	0.2	1.7	3.2	A203277
RC02-04	177134	160	165	48.77	50.29	47.1	35.4	0.1	0.9	0.3	A203277
RC02-04	177135	165	170	50.29	51.82	68.3	43.3	0.2	1.2	0.8	A203277
RC02-04	177136	170	175	51.82	53.34	47.3	47.6	0.2	1.4	0.4	A203277
RC02-04	177137	175	180	53.34	54.86	51.2	26.6	0.2	1.1	0.9	A203277
RC02-04	177138	180	185	54.86	56.39	505.2	15.8	0.2	2.1	3.9	A203277
RC02-04	177139	185	190	56.39	57.91	737.5	19.2	0.3	4	4.4	A203277
RC02-04	177140	190	195	57.91	59.44	506.4	24.7	0.3	3.6	3.4	A203277
RC02-04	177141	195	200	59.44	60.96	41.1	28.8	0.1	0.9	0.4	A203277
RC02-04	177142	200	205	60.96	62.48	276.8	33.7	0.2	1.6	1.4	A203277
RC02-04	177143	205	210	62.48	64.01	85.3	51.3	0.2	1.6	1.2	A203277
RC02-04	177144	210	215	64.01	65.53	65.9	59.3	0.3	0.7	0.4	A203277
RC02-04	177145	215	220	65.53	67.06	58	57.9	0.2	2.6	0.5	A203277
RC02-04	177147	225	230	68.58	70.10	66.2	40.9	0.2	1.1	0.7	A203277

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-05	177148	5	10	1.52	3.05	100	322.9	750	10.6	2.6	A203345
RC02-05	177149	10	15	3.05	4.57	154.4	454.1	1047.8	5.7	1.8	A203345
RC02-05	177150	15	20	4.57	6.10	137.1	566.1	494.8	4.4	1.2	A203345
RC02-05	177151	20	25	6.10	7.62	213.2	532	1412	26.2	4	A203345
RC02-05	177152	25	30	7.62	9.14	277.1	772.7	2173.6	12	6.6	A203345
RC02-05	177153	30	35	9.14	10.67	162.1	432	762.4	11.5	2	A203345
RC02-05	177154	35	40	10.67	12.19	111	343.4	816.9	53.7	1.3	A203345
RC02-05	177155	40	45	12.19	13.72	174.3	333.5	1418.2	74.5	1.5	A203345

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-05	177156	45	50	13.72	15.24	178.3	436.2	1077.4	54.3	2	A203345
RC02-05	177157	50	55	15.24	16.76	453.9	725.4	2623.4	51.3	9	A203345
RC02-05	177158	55	60	16.76	18.29	224.2	524.6	1319.2	58.4	3.4	A203345
RC02-05	177159	60	65	18.29	19.81	173.2	528.3	1636.1	40.3	2	A203345
RC02-05	177160	65	70	19.81	21.34	516.2	258.9	1321.5	24.8	5.8	A203345
RC02-05	177161	70	75	21.34	22.86	266.2	137.2	501.3	6.1	2.1	A203345
RC02-05	177162	75	80	22.86	24.38	97.5	106.5	358	5.3	1.1	A203345
RC02-05	177163	80	85	24.38	25.91	121.9	134.5	285.8	6.4	1.2	A203345
RC02-05	177165	85	90	25.91	27.43	205.6	191.2	1388.2	34.3	2.3	A203345
RC02-05	177166	90	95	27.43	28.96	407	167.8	1070	24.4	2.7	A203345
RC02-05	177166	90	95	27.43	28.96	404.1	164.9	1011	24.5	2.7	A203345
RC02-05	177167	95	100	28.96	30.48	209.8	140.8	389	4.9	1.8	A203345
RC02-05	177168	100	105	30.48	32.00	140.9	116.5	138.2	2.1	0.8	A203345
RC02-05	177169	105	110	32.00	33.53	174.9	110.2	455.2	4.4	1.6	A203345
RC02-05	177170	110	115	33.53	35.05	113.7	69.6	147.1	2.4	0.9	A203345
RC02-05	177171	115	120	35.05	36.58	1130.1	159	2537.8	18.7	13.6	A203345
RC02-05	177172	120	125	36.58	38.10	301	105.4	450.2	14	4.4	A203345
RC02-05	177173	125	130	38.10	39.62	218.2	65.5	303.5	13.5	2.1	A203345
RC02-05	177174	130	135	39.62	41.15	514.5	66.3	1620	6.8	12.5	A203345
RC02-05	177175	135	140	41.15	42.67	362.5	68	1301.7	5.1	6.4	A203345
RC02-05	177176	140	145	42.67	44.20	231.4	90.4	1846.2	22	4.1	A203345
RC02-05	177177	145	150	44.20	45.72	240.8	164.7	827	15.4	3	A203345
RC02-05	177178	150	155	45.72	47.24	135.5	125.1	449.1	14.3	1.3	A203345
RC02-05	177179	155	160	47.24	48.77	82.9	108.2	159.3	5.2	1	A203345
RC02-05	177180	160	165	48.77	50.29	190.6	142.8	313.1	3.4	1.1	A203345
RC02-05	177181	165	170	50.29	51.82	297.2	152	606.4	4.6	3.3	A203345
RC02-05	177182	170	175	51.82	53.34	97.8	112.5	343.4	4.6	2.1	A203345
RC02-05	177183	175	180	53.34	54.86	1371.1	221	2024.6	5.2	16.3	A203345
RC02-05	177184	180	185	54.86	56.39	522.8	217.6	841.4	12.1	5.4	A203345
RC02-05	177185	185	190	56.39	57.91	309.2	135.5	71.4	6.7	3.2	A203345
RC02-05	177186	190	195	57.91	59.44	867.8	132.7	226	14.8	2.9	A203345
RC02-05	177187	195	200	59.44	60.96	239.2	62.9	124.3	6.8	1.1	A203345
RC02-05	177188	200	205	60.96	62.48	65.2	71	99.4	2.3	2.9	A203345
RC02-05	177189	205	210	62.48	64.01	141.2	37.1	917.5	2.6	3.5	A203345
RC02-05	177190	210	215	64.01	65.53	80.9	32.1	154.1	4.8	1.5	A203345
RC02-05	177191	210	215	64.01	65.53	52.8	30.5	171.2	4.7	1.5	A203345
RC02-05	177192	215	220	65.53	67.06	45.3	24	150.9	2.5	1	A203345
RC02-05	177193	220	225	67.06	68.58	102.9	50	1044.4	2.6	5.5	A203345
RC02-05	177194	225	230	68.58	70.10	2901.4	122.6	4697.4	20.7	58	A203345
RC02-06	177195	5	10	1.52	3.05	169.2	414.2	614.7	5.8	4.2	A203345
RC02-06	177196	10	15	3.05	4.57	160	526.7	789.1	8.8	4.2	A203345
RC02-06	177197	15	20	4.57	6.10	104	521.9	589.7	7.4	2.6	A203345
RC02-06	177198	20	25	6.10	7.62	104.5	215.8	616	4.1	2.4	A203345
RC02-06	177199	25	30	7.62	9.14	111.1	213.9	906.4	3.3	2.4	A203345
RC02-06	177200	30	35	9.14	10.67	270	604.1	1948.8	5.5	6.2	A203345
RC02-06	177201	35	40	10.67	12.19	200.8	695.1	2178.6	5.7	6.3	A203345
RC02-06	177202	40	45	12.19	13.72	229.6	668.1	1753.6	3.8	5.3	A203345
RC02-06	177203	45	50	13.72	15.24	390	989.9	3186.3	6.7	5.6	A203345
RC02-06	177204	45	50	13.72	15.24	548.5	913.2	3088.3	6.5	5.9	A203345
RC02-06	177205	50	55	15.24	16.76	262	551.1	833.8	3.8	3	A203345
RC02-06	177205	50	55	15.24	16.76	245.2	537.5	939.3	4.2	3.1	A203345
RC02-06	177206	55	60	16.76	18.29	363.3	170.7	465.5	2.5	2.4	A203345
RC02-06	177207	60	65	18.29	19.81	253.4	171.1	789.6	2.5	2.2	A203345

RC02-06	177208	65	70	19.81	21.34	421.2	182.3	614.4	3.3	5.1	A203345
RC02-06	177209	70	75	21.34	22.86	220	91.2	418.9	1.2	1.9	A203345
RC02-06	177210	75	80	22.86	24.38	104.6	141.6	907.9	2.2	2.3	A203345
RC02-06	177211	80	85	24.38	25.91	40.6	107.5	313	1.6	1	A203345
RC02-06	177212	85	90	25.91	27.43	44	92.9	203.4	1.6	0.7	A203345
RC02-06	177213	90	95	27.43	28.96	86.2	77.1	173.8	1.2	1.8	A203345
RC02-06	177214	95	100	28.96	30.48	245.9	116.1	732.7	2.1	4.3	A203345
RC02-06	177215	100	105	30.48	32.00	131.6	136.6	366	1.6	1.8	A203345
RC02-06	177216	105	110	32.00	33.53	68.4	105.4	256	1.3	1.3	A203345
RC02-06	177217	110	115	33.53	35.05	86.2	123.7	257.4	2	1.9	A203345
RC02-06	177218	115	120	35.05	36.58	333	203.2	1310.3	4.5	9.2	A203345
RC02-06	177219	120	125	36.58	38.10	219.8	130.8	1766.5	2.5	5.6	A203345
RC02-06	177220	125	130	38.10	39.62	119.4	91.9	365.8	1.4	3	A203345
RC02-06	177221	130	135	39.62	41.15	116.6	120.8	1666.9	2.1	4.8	A203345
RC02-06	177222	135	140	41.15	42.67	73.4	99.9	140.6	0.9	1	A203345
RC02-06	177223	140	145	42.67	44.20	96.2	77.9	443.7	1	2.2	A203345
RC02-06	177224	145	150	44.20	45.72	286.3	101.8	221.2	1.1	2.6	A203345
RC02-06	177225	150	155	45.72	47.24	175	149.3	209	1.2	2	A203345
RC02-06	177226	155	160	47.24	48.77	142.5	87	118.2	1.3	1	A203345
RC02-06	177227	160	165	48.77	50.29	49.1	77.2	54.4	0.7	0.5	A203345
RC02-06	177228	165	170	50.29	51.82	535.6	124.2	2331.6	4	8.1	A203345
RC02-06	177228	165	170	50.29	51.82	490.7	123.7	2242.9	4	8	A203345
RC02-06	177229	170	175	51.82	53.34	2030.6	110.7	13500.8	11	31.9	A203345
RC02-06	177230	175	180	53.34	54.86	1768.9	141.3	5076.5	6.4	19.8	A203345
RC02-06	177231	180	185	54.86	56.39	1739.8	170.8	4150.8	5.7	20.9	A203345
RC02-06	177232	185	190	56.39	57.91	2092.5	227.5	2942.7	3.1	12	A203345
RC02-06	177233	185	190	56.39	57.91	1920.1	224.8	3302.3	3.3	12.2	A203345
RC02-06	177234	190	195	57.91	59.44	204	169.4	416.2	1	1.8	A203345
RC02-06	177235	195	200	59.44	60.96	170.8	118.2	280.1	0.9	1.5	A203345
RC02-06	177236	200	205	60.96	62.48	780.6	161.2	2386.8	2.7	7.5	A203345

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-07	177237	5	10	1.52	3.05	67	493	383.7	2.5	1	A203579
RC02-07	177238	10	15	3.05	4.57	236.7	398.1	1179.1	3	3.8	A203579
RC02-07	177239	15	20	4.57	6.10	202.1	526.4	586.2	3	2.5	A203579
RC02-07	177240	20	25	6.10	7.62	162.7	258.6	1038.8	2.9	2.7	A203579
RC02-07	177241	25	30	7.62	9.14	176.2	427.8	239.6	2	1.4	A203579
RC02-07	177242	30	35	9.14	10.67	325.4	288.9	923.6	26.3	3.9	A203579
RC02-07	177243	35	40	10.67	12.19	97.3	168.8	503.6	5.6	1.8	A203579
RC02-07	177244	40	45	12.19	13.72	311.7	120.4	619.1	5.9	3.9	A203579
RC02-07	177245	45	50	13.72	15.24	137.6	281.8	689.8	6.2	2.2	A203579
RC02-07	177246	50	55	15.24	16.76	557.3	189.8	1264.9	5	9.5	A203579
RC02-07	177247	55	60	16.76	18.29	135.8	198.1	473.3	4.7	1.6	A203579
RC02-07	177249	60	65	18.29	19.81	65.8	312.8	521.4	3.6	1.2	A203579
RC02-07	177250	65	70	19.81	21.34	144.6	270.8	1826.8	5.5	4.8	A203579
RC02-07	177250	65	75	19.81	22.86	155.5	289.6	1923.4	5.6	5	A203579
RC02-07	177251	70	75	21.34	22.86	115.9	233.6	1525.7	5.5	3.5	A203579
RC02-07	177252	75	80	22.86	24.38	68	111.4	495.5	6.3	1.3	A203579
RC02-07	177254	85	90	25.91	27.43	283.2	155.7	765.1	4	6.2	A203579
RC02-07	177255	90	95	27.43	28.96	223.1	184.1	625	6.3	3.5	A203579
RC02-07	177256	95	100	28.96	30.48	439.2	232.1	677	7.1	4.1	A203579
RC02-07	177257	100	105	30.48	32.00	227.6	160.1	346.7	4.1	2.7	A203579
RC02-07	177258	105	110	32.00	33.53	351	729	946	5.9	4.1	A203579
RC02-07	177259	110	115	33.53	35.05	259.8	367.2	1078.4	11	3.9	A203579

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-07	177260	115	120	35.05	36.58	274.2	157.4	439.2	4.2	4.7	A203579
RC02-07	177261	120	125	36.58	38.10	257.2	136.7	570.7	4.8	4.4	A203579
RC02-07	177262	125	130	38.10	39.62	339.4	174.7	881.9	3.7	6.1	A203579
RC02-07	177263	130	135	39.62	41.15	289	259.7	1125.1	5.3	7.5	A203579
RC02-07	177264	135	140	41.15	42.67	413.3	197.5	1600.1	19.4	8.6	A203579
RC02-07	177265	140	145	42.67	44.20	330.9	91.1	338	6	5.4	A203579
RC02-08	177266	5	10	1.52	3.05	140.3	581.5	809.7	3.7	1.5	A203579
RC02-08	177267	10	15	3.05	4.57	130.5	428.2	624.4	3	1.5	A203579
RC02-08	177268	15	20	4.57	6.10	203.5	366.6	607.2	2.8	2.2	A203579
RC02-08	177269	20	25	6.10	7.62	674.6	438.5	343	1.8	4.2	A203579
RC02-08	177270	25	30	7.62	9.14	90	427.2	111.9	1.8	0.8	A203579
RC02-08	177271	30	35	9.14	10.67	207.5	417.4	938.5	2.7	3	A203579
RC02-08	177272	35	40	10.67	12.19	247.1	492.3	3209.4	114.2	15	A203579
RC02-08	177273	40	45	12.19	13.72	94.8	356	841.9	30.5	4.7	A203579
RC02-08	177274	45	50	13.72	15.24	83.5	435.5	599.2	17.1	2.5	A203579
RC02-08	177275	55	60	16.76	18.29	79.6	288.2	648	3.7	2.5	A203579
RC02-08	177276	65	70	19.81	21.34	203.4	369.8	839.3	5	4.2	A203579
RC02-08	177277	70	75	21.34	22.86	166.6	300.3	723.7	4	6.3	A203579
RC02-08	177278	75	80	22.86	24.38	80.3	429.3	551.6	3.2	1.7	A203579
RC02-08	177279	80	85	24.38	25.91	147.4	287.7	1136.3	4.9	3.8	A203579
RC02-08	177280	85	90	25.91	27.43	151.7	201.1	1630.9	5.5	4.2	A203579
RC02-08	177281	90	95	27.43	28.96	138.2	127	1431.3	17.8	3.2	A203579
RC02-08	177282	95	100	28.96	30.48	47.3	79.3	105.1	1.4	0.5	A203579
RC02-08	177283	100	105	30.48	32.00	84.4	97.6	337	2.8	1.6	A203579
RC02-08	177284	105	110	32.00	33.53	115.8	92.2	262.7	2.6	1	A203579
RC02-09	177285	5	10	1.52	3.05	49.3	342.5	755.4	4.8	0.9	A203579
RC02-09	177286	10	15	3.05	4.57	99	250.1	377.7	4.3	0.8	A203579
RC02-09	177287	15	20	4.57	6.10	133.8	375.3	538.9	2.2	0.9	A203579
RC02-09	177288	20	25	6.10	7.62	74.9	446.6	1675	2.1	1.4	A203579
RC02-09	177288	25	30	7.62	9.14	66.4	445.8	1648.8	2.2	1.4	A203579
RC02-09	177289	25	30	7.62	9.14	431.6	336	8901.6	8.8	10.1	A203579
RC02-09	177290	30	35	9.14	10.67	2976	450.3	23575.7	20.9	34.4	A203579
RC02-09	177291	35	40	10.67	12.19	572.1	843.2	8832.9	9.3	9.7	A203579
RC02-09	177292	40	45	12.19	13.72	235.3	1006.2	3554.4	5.6	4.1	A203579
RC02-09	177293	45	50	13.72	15.24	237.4	990.7	2720.1	6.3	3.1	A203579
RC02-09	177294	50	55	15.24	16.76	277.1	971.7	3040.1	5.2	2.9	A203579
RC02-09	177295	55	60	16.76	18.29	185.9	350.7	1070.9	7.3	1.1	A203579
RC02-09	177296	60	65	18.29	19.81	155.8	282.6	1249.8	2.3	1.9	A203579
RC02-09	177297	65	70	19.81	21.34	123.8	630.1	417.8	1.4	1.2	A203579
RC02-09	177298	70	75	21.34	22.86	92.9	552.2	520.5	1.9	0.9	A203579
RC02-09	177299	75	80	22.86	24.38	2428.1	700.5	5527.9	6.5	13.5	A203579
RC02-09	177300	80	85	24.38	25.91	347.6	747.6	1420.9	3	2.4	A203579
RC02-09	177301	85	90	25.91	27.43	268.3	698.4	2973	9.1	3.7	A203579
RC02-09	177302	90	95	27.43	28.96	168.5	454.5	2167.1	4.5	2.2	A203579
RC02-09	177303	95	100	28.96	30.48	266.2	502.2	2772.5	7.5	3	A203579
RC02-09	177304	100	105	30.48	32.00	193.7	433.7	2712.9	11.5	2.3	A203579
RC02-09	177305	105	110	32.00	33.53	196.5	387.5	2491.3	15.8	1.6	A203579
RC02-09	177306	110	115	33.53	35.05	172.1	594.1	2164.3	6.4	1.4	A203579
RC02-09	177307	115	120	35.05	36.58	160.6	283.8	1416.6	3.6	1	A203579
RC02-09	177308	120	125	36.58	38.10	104.8	246.2	1433.8	13.8	1	A203579
RC02-09	177309	125	130	38.10	39.62	190.1	189.5	1243.4	18.8	0.9	A203579
RC02-09	177310	130	135	39.62	41.15	480.7	736.3	3842.1	12.7	2.4	A203579
RC02-09	177311	135	140	41.15	42.67	207.1	582.9	2022.4	27	2.4	A203579

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
RC02-09	177312	140	145	42.67	44.20	156.6	113.7	584.2	7.4	1.4	A203579
RC02-09	177313	145	150	44.20	45.72	212.9	102.9	821.1	6.2	1.5	A203579
RC02-09	177314	150	155	45.72	47.24	180.3	69.6	1613.8	3.6	1.3	A203579
RC02-09	177314	155	160	47.24	48.77	163.3	68.6	1630.4	3.7	1.3	A203579
RC02-09	177315	155	160	47.24	48.77	427.3	77.4	2011.3	8.3	2.5	A203579
RC02-09	177316	160	165	48.77	50.29	281.4	47.1	305.6	13.4	0.7	A203579
RC02-09	177317	165	170	50.29	51.82	170.9	47.5	351	2.7	0.9	A203579
RC02-09	177318	170	175	51.82	53.34	115.3	34.6	288.3	2.8	0.6	A203579
RC02-09	177319	175	180	53.34	54.86	442.7	53.1	230.3	2.2	1.5	A203579
RC02-09	177320	180	185	54.86	56.39	64.9	55.5	180.3	2.3	0.4	A203579
RC02-09	177321	185	190	56.39	57.91	39.6	70.9	124.3	3.9	0.3	A203579
RC02-09	177322	190	195	57.91	59.44	365.7	115.6	326.2	11.1	1.7	A203579
RC02-08	177323	110	115	33.53	35.05	767.5	531.5	221.9	2.6	2.5	A203579
RC02-08	177324	115	120	35.05	36.58	146.9	607	983	11.9	2.5	A203579
RC02-08	177325	50	55	15.24	16.76	186.7	410.3	1061.2	6.4	6.3	A203579
RC02-08	177326	120	125	36.58	38.10	147.5	478.3	736.7	3.4	2.4	A203579
RC02-08	177327	60	65	18.29	19.81	231.3	234.3	671.6	12	3	A203579
RC02-10	177328	5	10	1.52	3.05	471.5	325	312.5	5.5	1.4	A203579
RC02-10	177329	10	15	3.05	4.57	197.6	279	328.6	4.3	0.6	A203579
RC02-10	177330	15	20	4.57	6.10	98.9	228.7	236.9	4.8	0.7	A203579
RC02-10	177331	20	25	6.10	7.62	194.2	363.3	267	6.7	0.4	A203579
RC02-10	177332	25	30	7.62	9.14	348	479.8	306.7	8.2	0.9	A203579
RC02-10	177333	30	35	9.14	10.67	139.1	220.8	101.1	3.1	0.4	A203579
RC02-10	177334	35	40	10.67	12.19	53.7	151	53.8	1.8	0.3	A203579
RC02-10	177335	40	45	12.19	13.72	67	202.1	91.7	3	0.2	A203579
RC02-10	177336	45	50	13.72	15.24	231.3	243.9	109.9	2.5	0.3	A203579
RC02-10	177337	55	60	16.76	18.29	278.9	226.7	99.5	2.1	0.4	A203579
RC02-10	177338	60	65	18.29	19.81	73	175.9	76.8	2.3	0.2	A203579
RC02-10	177339	65	70	19.81	21.34	111	154.9	166.5	3.6	0.9	A203579
RC02-10	177340	70	75	21.34	22.86	235.3	341.2	645.5	11.4	1.2	A203579
RC02-10	177341	75	80	22.86	24.38	828.4	305.8	424.8	16.3	1.5	A203579
RC02-10	177342	80	85	24.38	25.91	173.9	299.1	61.7	13.9	0.5	A203579
RC02-10	177343	85	90	25.91	27.43	233.3	255.5	87.8	5	0.7	A203579
RC02-10	177344	90	95	27.43	28.96	174.7	188	109.7	6.4	0.7	A203579
RC02-10	177345	95	100	28.96	30.48	115.5	225.2	66.1	4	0.3	A203579
RC02-10	177346	100	105	30.48	32.00	130.7	283.7	187.3	1.7	0.6	A203579
RC02-10	177347	105	110	32.00	33.53	125.4	195.9	25.3	2.4	0.2	A203579
RC02-10	177348	110	115	33.53	35.05	137.9	189.3	138.5	1.7	0.6	A203579
RC02-10	177349	115	120	35.05	36.58	78.9	156.8	79.7	0.9	0.7	A203579
RC02-10	177350	120	125	36.58	38.10	136.2	200.9	66.9	3	0.6	A203579
RC02-10	177350	120	125	36.58	38.10	116.8	209.5	69.8	3	0.6	A203579
RC02-10	177351	125	130	38.10	39.62	181	287	44.3	2.2	0.4	A203579
RC02-10	177352	130	135	39.62	41.15	160.6	183.6	71.8	1.8	0.5	A203579
RC02-10	177353	135	140	41.15	42.67	332.7	346.6	338.9	4.9	2.9	A203579
RC02-10	177354	140	145	42.67	44.20	52.1	217.1	155.7	2.1	0.3	A203579
RC02-10	177355	145	150	44.20	45.72	40.9	340.5	271.4	3.8	0.3	A203579
RC02-10	177356	150	155	45.72	47.24	207.1	248.6	151.4	1.8	0.4	A203579
RC02-10	177357	155	160	47.24	48.77	47.3	157.7	22.3	1.4	0.2	A203579
RC02-10	177358	160	165	48.77	50.29	87.1	137.1	53.6	1.9	0.4	A203579
RC02-10	177359	165	170	50.29	51.82	113.9	443.9	159.9	1.4	0.8	A203579
RC02-10	177360	170	175	51.82	53.34	174.5	303	106.6	2.1	0.8	A203579

Drill Hole	Sample	From (m)	To (m)	Au_ppb	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
DD02-01	175501	6	7.5	< .5	< .5	46.7	144.4	2.8	1.2	A203615
DD02-01	175502	7.5	9	< .5	< .5	26.2	36.4	4	0.7	A203615
DD02-01	175507	15	16.5	7.4	7.4	27.8	230.9	5.8	0.7	A203615
DD02-01	175508	16.5	18	93.7	93.7	44.6	392.2	8.8	4.3	A203615
DD02-01	175511	21	22.8	29.4	29.4	124.5	1346.7	23.2	2.7	A203615
DD02-01	175511	21	22.8	29.6	29.6	132.8	1364.9	27.1	3.2	A203615
DD02-01	175512	22.8	24	13.9	13.9	92.9	626.1	19.7	1.3	A203615
DD02-01	175513	24	25.5	25.1	25.1	85.1	722.5	24.4	2	A203615
DD02-01	175514	25.5	27	3	3	128	308.7	24.4	1	A203615
DD02-01	175515	27	28.5	4	4	80.9	230.9	10.3	0.6	A203615
DD02-01	175516	28.5	30	7.6	7.6	93.1	307.1	13.9	1.2	A203615
DD02-01	175517	30	31.5	12.9	12.9	80.8	380.9	16.7	1.2	A203615
DD02-01	175518	31.5	33	41.3	41.3	51.2	476.1	9.1	1.1	A203615
DD02-01	175519	33	34.5	12.4	12.4	64.8	144.6	7.4	1.4	A203615
DD02-01	175520	34.5	36	9.3	9.3	99.8	221.7	8.5	1	A203615
DD02-01	175520	34.5	36	13.8	13.8	101.1	231.8	8.8	1.1	A203615
DD02-01	175520	34.5	36	12.1	12.1	109.3	224	9.7	1	A203615
DD02-01	175521	36	37.5	72.7	72.7	67.5	297.2	26.6	22.6	A203615
DD02-01	175522	37.5	39	20.7	20.7	57.9	553	21.8	1.7	A203615
DD02-01	175523	39	40.5	14.1	14.1	73.4	281.5	20	0.8	A203615
DD02-01	175524	40.5	42	8.8	8.8	99	281.9	23.5	0.4	A203615
DD02-01	175525	42	43.5	21	21	87.3	499.9	17	0.8	A203615
DD02-01	175526	43.5	45	171.1	171.1	51.8	511.9	8.3	0.8	A203615
DD02-01	175527	45	46.5	16.2	16.2	127	160.4	5.6	1.2	A203615
DD02-01	175528	48	49.5	7.6	7.6	104.4	151.3	8.1	1.7	A203615
DD02-01	175529	49.5	51	61.2	61.2	89.3	257.1	11.3	2.6	A203615
DD02-01	175530	51	52.5	69.4	69.4	103.8	339.8	10.1	1.3	A203615
DD02-01	175531	52.5	54	66.8	66.8	106	179	11.6	1.3	A203615
DD02-01	175532	54	55.5	33.5	33.5	70.8	223.3	15.8	2.5	A203615
DD02-01	175533	55.5	57	219	219	47.7	409.3	8.5	1.4	A203615
DD02-01	175534	57	58.5	60.9	60.9	71.3	251.2	9.7	1	A203615
DD02-01	175535	58.5	60	147.9	147.9	55.8	279.2	12.6	1.3	A203615
DD02-01	175536	60	61.5	23.5	23.5	58.2	522.2	19.3	1.4	A203615
DD02-01	175537	61.5	63	28.4	28.4	81.1	192	12.9	1.9	A203615
DD02-01	175538	63	64.5	74.9	74.9	96.6	221.1	9.6	1.1	A203615
DD02-01	175539	64.5	66	55.4	55.4	134.3	230.9	10.1	1	A203615
DD02-01	175540	66	67.5	317.4	317.4	113.7	454.9	10.7	1.4	A203615
DD02-01	175541	67.5	69	62	62	93.3	153.2	9.4	1.4	A203615
DD02-01	175542	69	70.5	68.2	68.2	92.4	95.9	6.7	0.8	A203615
DD02-01	175543	70.5	72	67.2	67.2	91.4	65.2	6.1	0.7	A203615
DD02-01	175544	72	73.5	84.4	84.4	124.9	102.5	3.9	0.8	A203615
DD02-01	175545	73.5	75	222.9	222.9	134	273.1	9	1.4	A203615
DD02-01	175546	75	76.5	154.9	154.9	112.4	127	8.5	0.9	A203615
DD02-01	175547	76.5	78	76	76	91.8	116	8.1	0.8	A203615
DD02-01	175548	78	79.5	104	104	77.6	122	6.8	0.8	A203615
DD02-01	175549	79.5	81	149.6	149.6	84.2	118.3	6.6	0.8	A203615
DD02-01	175550	81	82.5	127.8	127.8	98.7	133.4	5	1.3	A203615
DD02-02	175580	7.5	9	26.6	26.6	22.5	162.5	20.4	1.7	A203615
DD02-02	175581	9	10.5	17.5	17.5	15.9	122.3	24.6	1.5	A203615
DD02-02	175582	10.5	12	1.5	1.5	6.2	24.9	3.2	0.4	A203615
DD02-02	175583	12	13.5	4.3	4.3	9.6	42.9	6.6	3	A203615
DD02-02	175584	13.5	15	4.9	4.9	7.7	33	3.6	1.1	A203615
DD02-02	175585	15	16.5	6	6	12.6	34.2	3.3	0.6	A203615

Drill Hole	Sample	From (m)	To (m)	Au_ppb	Au (ppb)	Cu (ppm)	As (ppm)	Sb (ppm)	Bi (ppm)	Work Order
DD02-02	175586	16.5	18	2.7	2.7	12.1	24.7	2.8	0.4	A203615
DD02-02	175587	18	19.5	12.7	12.7	33.6	88.3	7	2.3	A203615
DD02-02	175588	19.5	21	34.2	34.2	25.8	18.1	9	0.4	A203615
DD02-02	175589	21	22.5	19.6	19.6	55.8	26.7	13	1.2	A203615
DD02-02	175590	22.5	24	31.3	31.3	237.6	21.4	3.4	0.5	A203615
DD02-02	175590	22.5	24	48.3	48.3	236.5	21.4	3.1	0.5	A203615
DD02-02	175590	22.5	24	41.1	41.1	232.2	21.7	3.3	0.6	A203615
DD02-02	175591	24	25.5	30	30	60.2	49.4	5.5	0.6	A203615
DD02-02	175592	25.5	27	22.7	22.7	169.8	46.8	2.5	1.2	A203615
DD02-02	175593	27	28.5	19.3	19.3	131.7	15	1.5	2.4	A203615
DD02-02	175594	28.5	30	9.2	9.2	138.2	10.8	1	0.7	A203615
DD02-02	175595	30	31.5	24.7	24.7	110.5	30.1	3.2	0.5	A203615
DD02-02	175596	31.5	33	5.1	5.1	170.6	38.9	3.3	1.1	A203615
DD02-02	175597	33	34.5	22.2	22.2	204.9	55.8	5	2.1	A203615
DD02-02	175598	34.5	36	16.2	16.2	116.1	31.7	2.6	0.8	A203615
DD02-02	175599	36	37.5	22.6	22.6	53.5	28.8	3.6	0.6	A203615
DD02-02	175600	37.5	39	7.6	7.6	88	29	3.2	0.5	A203615
DD02-01	175751	82.5	84	87.8	87.8	89.8	116.9	4	0.7	A203615
DD02-01	175752	84	85.5	41.8	41.8	88.9	113.4	4.7	0.9	A203615
DD02-01	175753	85.5	87	96	96	78.1	150	4	1.1	A203615
DD02-01	175754	87	88.5	212.8	212.8	68	152.8	6	1.4	A203615
DD02-01	175755	88.5	90	88.4	88.4	79.4	318.9	8.4	1.1	A203615
DD02-01	175756	90	91.5	97.9	97.9	117.9	166.3	9.4	1	A203615
DD02-01	175757	91.5	93	113.6	113.6	29.3	182.2	14.3	1.5	A203615
DD02-01	175758	93	94.5	35.4	35.4	61.8	95.8	14.4	0.6	A203615
DD02-01	175759	94.5	96	58.3	58.3	66.4	107.9	11.1	0.8	A203615
DD02-01	175760	96	97.5	47	47	67	332	11.4	1.2	A203615
DD02-01	175761	97.5	99	112.5	112.5	63	149.6	10.8	0.8	A203615
DD02-01	175762	99	100.5	54.5	54.5	62.4	82.9	6.5	0.7	A203615
DD02-01	175763	100.5	102	87.7	87.7	139.1	304.3	8	2	A203615
DD02-01	175764	102	103.5	146.3	146.3	151.6	1712.7	10	2.4	A203615
DD02-01	175765	103.5	105	313.5	313.5	103.7	146.5	3.3	1.5	A203615
DD02-01	175766	105	106.5	141.9	141.9	88.1	201.6	7.8	3.1	A203615
DD02-01	175767	106.5	108	176.1	176.1	180.8	352.3	8	2.9	A203615
DD02-01	175768	108	109.5	76.6	76.6	148.3	135.1	4.3	3.1	A203615
DD02-01	175769	109.5	111	70.8	70.8	54.9	106.9	6	3.2	A203615
DD02-01	175770	111	112.5	50.8	50.8	70	110.3	2.5	1.1	A203615
DD02-01	175770	111	112.5	35.7	35.7	66.9	109.5	2.6	1.2	A203615
DD02-01	175770	111	112.5	30.6	30.6	64.5	124	2.5	1.1	A203615
DD02-01	175771	112.5	114	26.9	26.9	42.1	234.4	6.4	1.3	A203615
DD02-01	175772	114	115.5	21	21	13.9	52.9	4.8	1.4	A203615
DD02-01	175773	115.5	117	247.9	247.9	68.8	2992	10.4	3.1	A203615
DD02-01	175774	117	118.5	119.4	119.4	33.9	795.3	6.8	1.9	A203615
DD02-01	175775	118.5	120	160.9	160.9	28.7	473.3	5.8	1.2	A203615
DD02-01	175776	120	121.5	33.7	33.7	20.3	76	6.1	0.8	A203615
DD02-01	175777	121.5	123	12	12	355.7	37.2	4.6	0.6	A203615
DD02-01	175778	123	124.5	9.7	9.7	220.6	34.5	4.9	0.7	A203615
DD02-01	175779	124.5	126	6.8	6.8	22.2	32.8	3.9	0.3	A203615
DD02-01	175780	126	127.5	19.5	19.5	206.4	119	12.9	1.2	A203615
DD02-01	175781	127.5	129	40.9	40.9	174.7	125.7	7	1.5	A203615
DD02-01	175782	129	130.5	12.3	12.3	39.5	59.6	2.2	0.6	A203615
DD02-01	175783	130.5	132	8	8	191.2	57	2.5	0.3	A203615
DD02-01	175784	132	133.5	6.9	6.9	86.7	53.1	4.9	1.7	A203615

DD02-01 175785	133.5	135	11.5	11.5	65.3	94.6	6.1	1.2	A203615
DD02-01 175786	135	136.5	55.8	55.8	88.7	59.8	6.1	1.1	A203615
DD02-01 175787	136.5	138	40.7	40.7	65.7	36.8	5.8	0.6	A203615
DD02-01 175788	138	139.5	17.8	17.8	39.3	39.7	6.2	0.4	A203615
DD02-01 175789	139.5	141	21.5	21.5	76.4	69.8	7.5	0.6	A203615
DD02-02 177501	39	40.5	5.8	5.8	60.8	23.9	5.3	0.6	A203615
DD02-02 177502	40.5	42	10	10	45.6	34.6	11.2	0.8	A203615
DD02-02 177503	42	43.5	16.1	16.1	36.8	47.6	11.5	0.6	A203615
DD02-02 177504	43.5	45	7.8	7.8	24	108.1	3.6	0.3	A203615
DD02-02 177505	45	46.5	12.9	12.9	44.6	188.7	20.2	0.3	A203615
DD02-02 177506	46.5	48	27.4	27.4	17	137.6	32.1	0.8	A203615
DD02-02 177507	48	49.5	71.7	71.7	24.4	237.9	50.3	1.8	A203615
DD02-02 177508	49.5	51	37.5	37.5	55.4	249.3	39.3	1	A203615
DD02-02 177509	51	52.5	68.7	68.7	66.9	16.2	7.2	2.6	A203615
DD02-02 177510	52.5	54	25.3	25.3	61.6	21	5.4	0.6	A203615
DD02-02 177510	52.5	54	25.2	25.2	64.8	22.2	5	0.7	A203615
DD02-02 177510	52.5	54	20.5	20.5	65.9	20.7	5.3	0.7	A203615
DD02-02 177511	54	55.5	32.3	32.3	45.8	28.9	4.6	1.2	A203615
DD02-02 177512	55.5	57	26.6	26.6	49.3	54	7.1	1.3	A203615
DD02-02 177513	57	58.5	16.2	16.2	64.3	26.8	4.5	0.4	A203615
DD02-02 177514	58.5	60	125.2	125.2	164.2	214.7	3.1	0.9	A203615
DD02-02 177515	60	61.5	19.8	19.8	97.2	42.3	2.5	0.8	A203615
DD02-02 177516	61.5	63	65.3	65.3	130.2	91.5	5.9	2.2	A203615
DD02-02 177517	63	64.5	37.3	37.3	109.9	91.2	4	1.9	A203615
DD02-02 177518	64.5	66	58.7	58.7	56.1	57.2	4	0.8	A203615
DD02-02 177519	66	67.5	25.3	25.3	102.3	26.7	4.5	1.2	A203615
DD02-02 177520	67.5	69	55	55	160	737	7.1	1.5	A203615
DD02-02 177521	69	70.5	54.5	54.5	118	428.9	4.4	1.9	A203615
DD02-02 177522	70.5	72	26.7	26.7	229.6	139.1	3.3	1	A203615

Drill Hole	Sample	From (m)	To (m)	Au (ppb)	Cu (ppm)	As (ppm)	SB (ppm)	Bi (ppm)	Work Order
DD02-01	175790	141	142.5	23.2	1244.2	228.1	17.3	1.5	A203853
DD02-01	175791	142.5	144	22.7	130.5	75.5	14.3	1.6	A203853
DD02-01	175792	144	145.5	20	75.1	64.9	9.2	1.4	A203853
DD02-01	175793	145.5	146.5	12.8	71.5	58.3	16.7	1	A203853
DD02-01	175794	146.5	148	6.5	51.7	32.3	14.5	0.8	A203853
DD02-01	175795	148	149.5	32.5	60.9	81.1	25.1	1	A203853
DD02-01	175796	149.5	151	20.5	75.9	220.8	13.1	0.5	A203853
DD02-01	175797	151	152.2	15.1	55.5	26	15.5	0.4	A203853
DD02-01	175798	152.2	153.5	49	40	134.1	28.1	1	A203853
DD02-01	175601	153.5	155	26.1	83.3	114.4	34.6	8	A203853
DD02-01	175799	153.5	155	21.6	42.6	91.9	17.8	0.6	A203853
DD02-01	175602	155	156.5	20.8	59.1	72.2	26.7	1.1	A203853
DD02-01	175800	155	156.5	11	163.9	104.7	13.1	1	A203853
DD02-01	175603	156.5	158	31.5	62.6	200.4	23.7	1.9	A203853
DD02-01	175604	158	159.5	200	84.3	204.4	41	1.3	A203853
DD02-01	175605	159.5	161	57.5	88.6	142	27.2	1.4	A203853
DD02-01	175606	161	161.5	31.1	100	260.3	31	1.2	A203853
DD02-01	175607	161.5	163	26.6	73.4	80.3	18.3	1.4	A203853
DD02-01	175608	163	164.5	23.4	88.4	131.1	17.2	1.4	A203853
DD02-01	175609	164.5	166	28.2	50.8	103	15.2	0.8	A203853
DD02-01	175610	166	167.5	42.5	83.5	246.4	16.8	1.3	A203853
DD02-01	175610	167.5	167.5	46.6	84.5	253	16.9	1.3	A203853

Drill Hole	Sample	From (m)	To (m)	Au (ppb)	Cu (ppm)	As (ppm)	SB (ppm)	Bi (ppm)	Work.Order
DD02-01	175610	167.5	167.5	58.1	82.8	277.2	18.2	1.3	A203853
DD02-01	175611	167.5	169.3	62.3	84.1	208.7	16.6	2.1	A203853
DD02-01	175612	169.3	170.8	18.4	71.3	154.3	16.9	1.3	A203853
DD02-01	175613	176.5	178	14.1	58.4	86.5	14	1.1	A203853
DD02-01	175614	178	179.5	26.1	46.9	41.2	5.4	0.9	A203853
DD02-01	175615	179.5	181	26.6	54.9	157.4	5.1	1.1	A203853
DD02-01	175616	181	182.5	21.9	90.2	265.7	10.2	1.9	A203853
DD02-01	175617	182.5	184	20.8	74.5	144.7	8.2	1.5	A203853
DD02-01	175618	184	185.5	11.1	54.8	351.3	6	1.3	A203853
DD02-01	175619	185.5	187	28.8	51.9	51.4	7.6	1.3	A203853
DD02-01	175620	187	188.5	17.7	68.1	102.1	14.7	1.3	A203853
DD02-01	175621	188.5	190.6	29.2	124	110.9	28	2.6	A203853
DD02-02	177523	72	73.5	134.4	292.6	319.2	2.3	2.6	A203853
DD02-02	177524	73.5	75	56.7	47.5	105.6	2.1	1.4	A203853
DD02-02	177525	75	76.5	58.3	32.9	40.9	1.9	1.1	A203853
DD02-02	177526	76.5	78	226.7	120.7	75.7	2.6	2.4	A203853
DD02-02	177527	78	79.5	68.3	103.4	545.4	3.6	3	A203853
DD02-02	177528	79.5	81	44.2	87.8	102.2	3.8	1.6	A203853
DD02-02	177529	81	82.5	29.5	112.1	1236.9	6.3	1.6	A203853
DD02-02	177530	82.5	84	170.6	74.9	213.3	3.7	1	A203853
DD02-02	177531	84	85.5	83.1	245.4	280.4	5.5	1.4	A203853
DD02-02	175551	85.43	85.9	150.3	178.1	6620.7	16.7	3.1	A203853
DD02-02	177532	85.5	87.5	56.7	49.4	272.9	4.3	1.2	A203853
DD02-02	177533	87.5	89	17.3	60	158.5	2.6	0.4	A203853
DD02-02	177534	89	90.5	22.5	34.7	357.7	2.9	0.4	A203853
DD02-02	177535	90.5	92	21.5	60.5	76.1	23.4	0.6	A203853
DD02-02	177536	92	94	58.1	41.9	43	7.4	0.4	A203853
DD02-02	177537	107.5	109.5	32.9	96.2	61.3	1.2	0.5	A203853
DD02-02	177538	109.5	118	11.7	59.4	18.1	1.8	0.4	A203853
DD02-02	177539	118	119.5	147.9	80.8	98.9	2	0.6	A203853
DD02-02	177540	119.5	121	66.9	68.3	33.2	2.4	0.5	A203853
DD02-02	177541	121	122.5	121.5	77.7	32.9	2.7	0.5	A203853
DD02-02	177542	122.5	124	24.3	57.7	15.2	2.2	0.4	A203853
DD02-02	177542	122.5	124	15.1	58.6	15.3	2.3	0.4	A203853
DD02-02	177542	122.5	124	18.4	58.3	14.7	2.3	0.4	A203853
DD02-02	177543	124	125.5	14.6	60.2	22.7	1.9	0.4	A203853
DD02-02	177544	125.5	127	14.8	82	27.9	2.1	0.3	A203853
DD02-02	177545	127	128.5	15.8	70.1	19.3	0.9	0.4	A203853
DD02-02	177546	128.5	130	51.7	73.6	15.6	0.7	0.3	A203853
DD02-02	177547	130	131.5	60	80.2	12.6	0.4	0.3	A203853
DD02-02	177548	131.5	133	49.5	70.7	17.9	0.8	0.3	A203853
DD02-02	177549	133	134.5	48.1	69.7	22.7	0.6	0.3	A203853
DD02-02	177550	134.5	136	76.5	60.2	11.5	0.5	0.3	A203853
DD02-02	177551	136	137.5	68.7	61.4	16.5	1.3	0.3	A203853
DD02-02	177552	137.5	139	110.8	60.5	10	1.5	0.3	A203853
DD02-02	177553	139	140.5	31.6	66.5	14	0.8	0.4	A203853
DD02-02	177554	140.5	142	113.7	84	17.6	0.3	0.3	A203853
DD02-02	177555	142	143.5	121.5	90	17.2	1.7	0.7	A203853
DD02-02	177556	143.5	145	71.7	86.2	16.4	1.5	0.3	A203853
DD02-02	177557	145	146.5	82.4	111.9	24.9	5.2	1.3	A203853
DD02-02	177558	146.5	148	68.2	88.5	35.9	4.4	8.2	A203853
DD02-02	177559	148	149.5	666.9	152.5	73.8	77.6	7.8	A203853
DD02-02	177560	149.5	151	152.1	122.4	20.3	3	0.5	A203853

DD02-02	177561	151	152.5	74.3	113	16.4	1.9	0.4	A203853
DD02-02	177562	152.5	154	58.4	89.6	19	1.8	0.3	A203853
DD02-02	177563	154	155.5	61.2	99.2	20.6	2.9	0.4	A203853
DD02-02	177564	155.5	157	110.4	113.5	21.1	2.8	0.4	A203853
DD02-02	177565	157	158.5	91.5	81.5	19.8	2.6	0.4	A203853
DD02-02	177566	158.5	160	219.2	82.2	14	2.8	0.5	A203853
DD02-02	177567	160	161.5	43.4	140	21.1	2.3	0.6	A203853
DD02-02	177568	161.5	163	47.1	113.2	17	1.6	0.3	A203853
DD02-02	177569	163	164.5	43	94.7	22.9	1.4	0.4	A203853
DD02-02	177570	164.5	166	29.1	80.3	20.2	1.7	0.4	A203853
DD02-02	177571	166	167.5	57	103.9	38.2	1.9	0.3	A203853
DD02-02	177572	167.5	169	72.8	240.2	53.8	2.5	0.8	A203853
DD02-02	177573	169	170.5	56.8	159.1	68.6	1.2	0.7	A203853
DD02-02	177574	170.5	172	218.9	117.3	80.9	1.2	1.5	A203853
DD02-02	177575	172	173.5	54.7	71.3	54.6	1.7	0.6	A203853
DD02-02	177576	173.5	175	372.3	54.2	848.6	11.5	3.6	A203853
DD02-02	177576	173.5	175	341.5	50.7	828.3	10.7	3.6	A203853
DD02-02	177576	173.5	175	317.7	56.8	874	11.5	3.8	A203853
DD02-02	177577	176.5	178	62.8	85.8	56.4	4.1	0.4	A203853
DD02-02	177578	178	179.5	85.9	140.1	286.1	25.6	4.1	A203853
DD02-02	177579	179.5	181	99.5	52.6	210.1	8.8	1	A203853
DD02-02	177580	181	182.5	351.1	116	368.9	14.6	3.5	A203853
DD02-02	177581	182.5	184	519	253.3	634.8	19.6	3.9	A203853
DD02-02	177582	184	185.5	244.7	324.3	408.7	11.9	8.1	A203853
DD02-02	177583	185.5	187	98	231.4	66.4	37.9	12.5	A203853
DD02-02	177584	187	188.5	315.6	239.8	210.4	15.6	4	A203853
DD02-02	177585	188.5	190	239.7	139.1	211.8	4.5	1.3	A203853
DD02-02	177586	190	191.5	236.2	272.4	50.1	55.8	78.9	A203853
DD02-02	177587	191.5	193	192.5	135.8	56	4.8	2.7	A203853
DD02-02	177588	193	194.5	125	84.6	160.6	12.4	3.1	A203853
DD02-02	177589	194.5	196	172.6	78.3	305.4	5.4	2	A203853
DD02-02	177590	196	197	176	85.5	68.5	2.4	1.1	A203853
DD02-02	177591	197	198	526.8	95.8	120.4	3.9	4.9	A203853
DD02-02	177593	200.5	199.5	126	241.6	84.2	1.3	0.9	A203853
DD02-02	177592	211.5	213	52.4	169.1	48.3	1.3	0.5	A203853
DD02-02	177594	214.5	214.5	198.6	240.8	166.5	2.2	1.6	A203853
DD02-02	177595	216	216	93.3	109.7	51.1	1.5	1	A203853
DD02-02	177596	217.5	217.5	194.2	322	281.4	1.5	1.4	A203853
DD02-02	177596	217.5	219	273.2	315.3	279.2	1.4	1.4	A203853
DD02-02	177596	217.5	219	158.6	324.9	145.2	1	1.2	A203853
DD02-02	177597	219	220.5	370	405.6	268.1	1.7	2.5	A203853
DD02-02	177598	220.5	222	125	175.7	54.4	1	0.9	A203853
DD02-02	177599	222	223.5	170	136.5	58.3	1	0.9	A203853
DD02-02	177600	223.5	225	193.7	55.2	16	0.8	0.3	A203853
DD02-02	177601	225	226.5	135.8	166	19.7	0.7	0.4	A203853

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (g/t)	Au (ppb)	%difference
RC02-01	175465	40	45	12.19	13.72	0.43	132.8	224
RC02-01	175464	40	45	12.19	13.72	0.4	256.7	56
RC02-01	175466	45	50	13.72	15.24	0.52	361.4	44
RC02-01	175469	65	70	19.81	21.34	0.22	174.2	26
RC02-01	175471	70	75	21.34	22.86	0.15	140.4	7
RC02-01	175472	75	80	22.86	24.38	0.2	170.6	17
RC02-01	175473	80	85	24.38	25.91	0.14	134.3	4
RC02-01	175476	95	100	28.96	30.48	0.33	184	79
RC02-01	175475	95	100	28.96	30.48	0.28	379.9	-26
RC02-01	175479	110	115	33.53	35.05	0.42	297.8	41
RC02-01	175496	190	195	57.91	59.44	0.42	249.1	69
RC02-02	177006	20	25	6.10	7.62	0.39	283.9	37
RC02-02	177011	50	55	15.24	16.76	0.25	192.5	30
RC02-02	177012	55	60	16.76	18.29	0.89	1122.4	-21
RC02-02	177012	55	60	16.76	18.29	0.42	1122.4	-63
RC02-02	177013	60	65	18.29	19.81	0.35	235	49
RC02-02	177015	70	75	21.34	22.86	0.54	402.9	34
RC02-02	177016	75	80	22.86	24.38	0.8	853.9	-6
RC02-02	177018	80	85	24.38	25.91	0.16	144.9	10
RC02-02	177017	80	85	24.38	25.91	0.14	209.9	-33
RC02-02	177019	85	90	25.91	27.43	0.14	181.6	-23
RC02-02	177020	90	95	27.43	28.96	0.24	109.6	119
RC02-02	177021	95	100	28.96	30.48	0.06	110.3	-46
RC02-02	177022	100	105	30.48	32.00	0.27	202.6	33
RC02-02	177023	105	110	32.00	33.53	0.12	142.1	-16
RC02-02	177024	110	115	33.53	35.05	0.78	809.8	-4
RC02-02	177030	140	145	42.67	44.20	0.79	564.7	40
RC02-02	177032	145	150	44.20	45.72	0.27	273.8	-1
RC02-02	177031	145	150	44.20	45.72	0.3	425.6	-30
RC02-02	177033	150	155	45.72	47.24	0.19	165	15
RC02-02	177034	155	160	47.24	48.77	0.16	112.5	42
RC02-02	177035	160	165	48.77	50.29	0.32	280.2	14
RC02-02	177036	165	170	50.29	51.82	0.86	643.7	34
RC02-02	177037	170	175	51.82	53.34	0.13	138.4	-6
RC02-02	177040	185	190	56.39	57.91	1.54	1399.4	10
RC02-02	177041	190	195	57.91	59.44	0.21	138.7	51
RC02-03	177053	20	25	6.10	7.62	0.15	205.4	-27
RC02-03	177054	25	30	7.62	9.14	0.13	123.6	5
RC02-03	177055	30	35	9.14	10.67	0.19	167.4	14
RC02-03	177065	75	80	22.86	24.38	0.09	100.6	-11
RC02-03	177070	100	105	30.48	32.00	0.76	544.6	40
RC02-03	177070	100	105	30.48	32.00	0.61	544.6	12
RC02-03	177076	130	135	39.62	41.15	0.12	112.2	7
RC02-03	177082	155	160	47.24	48.77	0.34	173.7	96
RC02-03	177085	170	175	51.82	53.34	0.29	245.6	18
RC02-03	177096	225	230	68.58	70.10	0.16	118.6	35
RC02-03	177098	230	235	70.10	71.63	0.25	167.4	49
RC02-03	177097	230	235	70.10	71.63	0.22	177.1	24
RC02-04	177107	30	35	9.14	10.67	0.28	190.2	47
RC02-04	177112	55	60	16.76	18.29	0.49	269.4	82
RC02-04	177116	75	80	22.86	24.38	0.42	289.6	45
RC02-04	177117	80	85	24.38	25.91	0.18	133	35
RC02-04	177118	85	90	25.91	27.43	0.3	168.2	78
RC02-04	177121	95	100	28.96	30.48	0.18	164.1	10

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (g/t)	Au (ppb)	%difference
RC02-04	177122	100	105	30.48	32.00	0.11	106.2	4
RC02-04	177124	110	115	33.53	35.05	0.26	209	24
RC02-04	177125	115	120	35.05	36.58	0.1	100.4	0
RC02-04	177126	120	125	36.58	38.10	0.17	120.6	41
RC02-04	177128	130	135	39.62	41.15	0.79	593.8	33
RC02-04	177129	135	140	41.15	42.67	0.79	700.1	13
RC02-04	177130	140	145	42.67	44.20	0.96	257.2	273
RC02-04	177133	155	160	47.24	48.77	0.22	199	11
RC02-04	177138	180	185	54.86	56.39	0.7	505.2	39
RC02-04	177139	185	190	56.39	57.91	1.13	737.5	53
RC02-04	177139	185	190	56.39	57.91	1.1	737.5	49
RC02-04	177140	190	195	57.91	59.44	0.7	506.4	38
RC02-04	177142	200	205	60.96	62.48	0.26	276.8	-6
RC02-05	177148	5	10	1.52	3.05	0.16	100	60
RC02-05	177149	10	15	3.05	4.57	0.18	154.4	17
RC02-05	177150	15	20	4.57	6.10	0.47	137.1	243
RC02-05	177151	20	25	6.10	7.62	0.24	213.2	13
RC02-05	177152	25	30	7.62	9.14	0.33	277.1	19
RC02-05	177153	30	35	9.14	10.67	0.17	162.1	5
RC02-05	177154	35	40	10.67	12.19	0.11	111	-1
RC02-05	177155	40	45	12.19	13.72	0.23	174.3	32
RC02-05	177156	45	50	13.72	15.24	0.18	178.3	1
RC02-05	177157	50	55	15.24	16.76	0.52	453.9	15
RC02-05	177158	55	60	16.76	18.29	0.22	224.2	-2
RC02-05	177158	55	60	16.76	18.29	0.22	224.2	-2
RC02-05	177159	60	65	18.29	19.81	0.19	173.2	10
RC02-05	177160	65	70	19.81	21.34	0.63	516.2	22
RC02-05	177161	70	75	21.34	22.86	0.21	266.2	-21
RC02-05	177163	80	85	24.38	25.91	0.13	121.9	7
RC02-05	177165	85	90	25.91	27.43	0.24	205.6	17
RC02-05	177166	90	95	27.43	28.96	0.44	407	8
RC02-05	177167	95	100	28.96	30.48	0.24	209.8	14
RC02-05	177168	100	105	30.48	32.00	0.11	140.9	-22
RC02-05	177169	105	110	32.00	33.53	0.19	174.9	9
RC02-05	177170	110	115	33.53	35.05	0.11	113.7	-3
RC02-05	177171	115	120	35.05	36.58	1.2	1130.1	6
RC02-05	177172	120	125	36.58	38.10	0.37	301	23
RC02-05	177173	125	130	38.10	39.62	0.2	218.2	-8
RC02-05	177174	130	135	39.62	41.15	0.54	514.5	5
RC02-05	177175	135	140	41.15	42.67	0.4	362.5	10
RC02-05	177176	140	145	42.67	44.20	0.22	231.4	-5
RC02-05	177177	145	150	44.20	45.72	0.2	240.8	-17
RC02-05	177178	150	155	45.72	47.24	0.12	135.5	-11
RC02-05	177180	160	165	48.77	50.29	0.13	190.6	-32
RC02-05	177181	165	170	50.29	51.82	0.23	297.2	-23
RC02-05	177183	175	180	53.34	54.86	1.83	1371.1	33
RC02-05	177184	180	185	54.86	56.39	0.59	522.8	13
RC02-05	177185	185	190	56.39	57.91	0.43	309.2	39
RC02-05	177186	190	195	57.91	59.44	1.44	867.8	66
RC02-05	177187	195	200	59.44	60.96	0.15	239.2	-37
RC02-05	177189	205	210	62.48	64.01	0.11	141.2	-22
RC02-05	177193	220	225	67.06	68.58	0.15	102.9	46
RC02-05	177194	225	230	68.58	70.10	4.35	2901.4	50
RC02-06	177195	5	10	1.52	3.05	0.19	169.2	12

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (g/t)	Au (ppb)	%difference
RC02-06	177196	10	15	3.05	4.57	0.15	160	-6
RC02-06	177197	15	20	4.57	6.10	0.12	104	15
RC02-06	177198	20	25	6.10	7.62	0.15	104.5	44
RC02-06	177199	25	30	7.62	9.14	0.13	111.1	17
RC02-06	177200	30	35	9.14	10.67	0.51	270	89
RC02-06	177201	35	40	10.67	12.19	0.28	200.8	39
RC02-06	177202	40	45	12.19	13.72	0.29	229.6	26
RC02-06	177203	45	50	13.72	15.24	0.68	390	74
RC02-06	177204	45	50	13.72	15.24	0.59	548.5	8
RC02-06	177205	50	55	15.24	16.76	0.44	262	68
RC02-06	177206	55	60	16.76	18.29	0.61	363.3	68
RC02-06	177207	60	65	18.29	19.81	0.33	253.4	30
RC02-06	177208	65	70	19.81	21.34	0.5	421.2	19
RC02-06	177209	70	75	21.34	22.86	0.29	220	32
RC02-06	177210	75	80	22.86	24.38	0.13	104.6	24
RC02-06	177210	75	80	22.86	24.38	0.13	104.6	24
RC02-06	177214	95	100	28.96	30.48	0.33	245.9	34
RC02-06	177215	100	105	30.48	32.00	0.23	131.6	75
RC02-06	177218	115	120	35.05	36.58	0.5	333	50
RC02-06	177219	120	125	36.58	38.10	0.28	219.8	27
RC02-06	177220	125	130	38.10	39.62	0.12	119.4	1
RC02-06	177221	130	135	39.62	41.15	0.18	116.6	54
RC02-06	177224	145	150	44.20	45.72	0.23	286.3	-20
RC02-06	177225	150	155	45.72	47.24	0.16	175	-9
RC02-06	177226	155	160	47.24	48.77	0.2	142.5	40
RC02-06	177228	165	170	50.29	51.82	0.79	535.6	47
RC02-06	177229	170	175	51.82	53.34	2.72	2030.6	34
RC02-06	177230	175	180	53.34	54.86	2.01	1768.9	14
RC02-06	177231	180	185	54.86	56.39	2.07	1739.8	19
RC02-06	177233	185	190	56.39	57.91	2.61	1920.1	36
RC02-06	177232	185	190	56.39	57.91	2.54	2092.5	21
RC02-06	177234	190	195	57.91	59.44	0.24	204	18
RC02-06	177235	195	200	59.44	60.96	0.18	170.8	5
RC02-06	177236	200	205	60.96	62.48	1.21	780.6	55
RC02-07	177238	10	15	3.05	4.57	0.3	236.7	27
RC02-07	177239	15	20	4.57	6.10	0.28	202.1	39
RC02-07	177240	20	25	6.10	7.62	0.23	162.7	41
RC02-07	177241	25	30	7.62	9.14	0.2	176.2	14
RC02-07	177242	30	35	9.14	10.67	0.47	325.4	44
RC02-07	177244	40	45	12.19	13.72	0.3	311.7	-4
RC02-07	177245	45	50	13.72	15.24	0.15	137.6	9
RC02-07	177246	50	55	15.24	16.76	0.7	557.3	26
RC02-07	177247	55	60	16.76	18.29	0.12	135.8	-12
RC02-07	177250	65	75	19.81	22.86	0.22	155.5	41
RC02-07	177251	70	75	21.34	22.86	0.15	115.9	29
RC02-07	177254	85	90	25.91	27.43	0.42	283.2	48
RC02-07	177255	90	95	27.43	28.96	0.29	223.1	30
RC02-07	177256	95	100	28.96	30.48	0.57	439.2	30
RC02-07	177257	100	105	30.48	32.00	0.25	227.6	10
RC02-07	177258	105	110	32.00	33.53	0.52	351	48
RC02-07	177259	110	115	33.53	35.05	0.34	259.8	31
RC02-07	177260	115	120	35.05	36.58	0.43	274.2	57
RC02-07	177260	115	120	35.05	36.58	0.38	274.2	39
RC02-07	177261	120	125	36.58	38.10	0.35	257.2	36

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (g/t)	Au (ppb)	%difference
RC02-07	177262	125	130	38.10	39.62	0.42	339.4	24
RC02-07	177263	130	135	39.62	41.15	0.41	289	42
RC02-07	177264	135	140	41.15	42.67	0.54	413.3	31
RC02-07	177265	140	145	42.67	44.20	0.44	330.9	33
RC02-08	177266	5	10	1.52	3.05	0.12	140.3	-14
RC02-08	177267	10	15	3.05	4.57	0.18	130.5	38
RC02-08	177268	15	20	4.57	6.10	0.34	203.5	67
RC02-08	177269	20	25	6.10	7.62	0.87	674.6	29
RC02-08	177271	30	35	9.14	10.67	0.23	207.5	11
RC02-08	177272	35	40	10.67	12.19	0.37	247.1	50
RC02-08	177325	50	55	15.24	16.76	0.24	186.7	29
RC02-08	177327	60	65	18.29	19.81	0.28	231.3	21
RC02-08	177276	65	70	19.81	21.34	0.33	203.4	62
RC02-08	177277	70	75	21.34	22.86	0.28	166.6	68
RC02-08	177279	80	85	24.38	25.91	0.22	147.4	49
RC02-08	177280	85	90	25.91	27.43	0.19	151.7	25
RC02-08	177281	90	95	27.43	28.96	0.17	138.2	23
RC02-08	177284	105	110	32.00	33.53	0.07	115.8	-40
RC02-08	177323	110	115	33.53	35.05	0.73	767.5	-5
RC02-08	177324	115	120	35.05	36.58	0.14	146.9	-5
RC02-08	177326	120	125	36.58	38.10	0.22	147.5	49
RC02-09	177287	15	20	4.57	6.10	0.17	133.8	27
RC02-09	177289	25	30	7.62	9.14	0.7	431.6	62
RC02-09	177290	30	35	9.14	10.67	3.55	2976	19
RC02-09	177291	35	40	10.67	12.19	0.59	572.1	3
RC02-09	177292	40	45	12.19	13.72	0.26	235.3	10
RC02-09	177293	45	50	13.72	15.24	0.33	237.4	39
RC02-09	177294	50	55	15.24	16.76	0.38	277.1	37
RC02-09	177295	55	60	16.76	18.29	0.17	185.9	-9
RC02-09	177296	60	65	18.29	19.81	0.19	155.8	22
RC02-09	177297	65	70	19.81	21.34	0.18	123.8	45
RC02-09	177299	75	80	22.86	24.38	3.08	2428.1	27
RC02-09	177300	80	85	24.38	25.91	0.41	347.6	18
RC02-09	177300	80	85	24.38	25.91	0.39	347.6	12
RC02-09	177301	85	90	25.91	27.43	0.38	268.3	42
RC02-09	177302	90	95	27.43	28.96	0.21	168.5	25
RC02-09	177303	95	100	28.96	30.48	0.33	266.2	24
RC02-09	177304	100	105	30.48	32.00	0.26	193.7	34
RC02-09	177305	105	110	32.00	33.53	0.3	196.5	53
RC02-09	177306	110	115	33.53	35.05	0.24	172.1	39
RC02-09	177307	115	120	35.05	36.58	0.22	160.6	37
RC02-09	177308	120	125	36.58	38.10	0.13	104.8	24
RC02-09	177309	125	130	38.10	39.62	0.26	190.1	37
RC02-09	177310	130	135	39.62	41.15	0.5	480.7	4
RC02-09	177311	135	140	41.15	42.67	0.25	207.1	21
RC02-09	177312	140	145	42.67	44.20	0.19	156.6	21
RC02-09	177313	145	150	44.20	45.72	0.26	212.9	22
RC02-09	177314	150	155	45.72	47.24	0.19	180.3	5
RC02-09	177315	155	160	47.24	48.77	0.53	427.3	24
RC02-09	177316	160	165	48.77	50.29	0.18	281.4	-36
RC02-09	177317	165	170	50.29	51.82	0.25	170.9	46
RC02-09	177318	170	175	51.82	53.34	0.14	115.3	21
RC02-09	177319	175	180	53.34	54.86	0.34	442.7	-23
RC02-09	177322	190	195	57.91	59.44	0.41	365.7	12

Drill Hole	Sample	From (ft)	To (ft)	from (m)	to (m)	Au (g/t)	Au (ppb)	%difference
RC02-10	177328	5	10	1.52	3.05	0.65	471.5	38
RC02-10	177329	10	15	3.05	4.57	0.15	197.6	-24
RC02-10	177331	20	25	6.10	7.62	0.25	194.2	29
RC02-10	177332	25	30	7.62	9.14	0.46	348	32
RC02-10	177333	30	35	9.14	10.67	0.18	139.1	29
RC02-10	177336	45	50	13.72	15.24	0.26	231.3	12
RC02-10	177337	55	60	16.76	18.29	0.38	278.9	36
RC02-10	177339	65	70	19.81	21.34	0.1	111	-10
RC02-10	177340	70	75	21.34	22.86	0.4	235.3	70
RC02-10	177340	70	75	21.34	22.86	0.3	235.3	27
RC02-10	177341	75	80	22.86	24.38	0.36	828.4	-57
RC02-10	177342	80	85	24.38	25.91	0.18	173.9	4
RC02-10	177343	85	90	25.91	27.43	0.21	233.3	-10
RC02-10	177344	90	95	27.43	28.96	0.21	174.7	20
RC02-10	177345	95	100	28.96	30.48	0.18	115.5	56
RC02-10	177346	100	105	30.48	32.00	0.18	130.7	38
RC02-10	177347	105	110	32.00	33.53	0.17	125.4	36
RC02-10	177348	110	115	33.53	35.05	0.22	137.9	60
RC02-10	177350	120	125	36.58	38.10	0.16	136.2	17
RC02-10	177351	125	130	38.10	39.62	0.26	181	44
RC02-10	177352	130	135	39.62	41.15	0.25	160.6	56
RC02-10	177353	135	140	41.15	42.67	0.45	332.7	35
RC02-10	177356	150	155	45.72	47.24	0.12	207.1	-42
RC02-10	177359	165	170	50.29	51.82	0.16	113.9	40
RC02-10	177360	170	175	51.82	53.34	0.21	174.5	20

Appendix II - Check samples analysed in Chemex Labs

SAMPLE	Acme ICP Au (ppb)	Acme (gpt)	Chemex (gpt)	%difference
RC02-01 45-50	361.4	0.52	0.538	-3.5
RC02-01 65-70	174.2	0.22	0.233	-5.9
RC02-01 70-75	140.4	0.15	0.166	-10.7
RC02-01 75-80	170.6	0.2	0.146	27.0
RC02-01 190-195	249.1	0.42	0.277	34.0
RC02-01 210-215	12.3 and 13.2		0.022	

Appendix III - Test pit geochemical analyses

Sample	From	Cu (ppm)	As (ppm)	Au (ppb)	Sb (ppm)	Bi (ppm)	Description
175651	test pit	55.5	137.3	70.9	19.9	1.9	vn w/ crystalline quartz, tourmaline needles + silicified wallrock
175652	test pit	259.2	1042.9	1965.6	143.2	37.3	oxidized qz vn + wallrock w/ crystalline quartz
175653	test pit	113.8	870.3	1117.6	161.2	89.3	qz vn with massive tourmaline along contact
175654	test pit	35.9	184.2	146.6	15.5	1.8	strongly silicified sandstone
175655	test pit	194.6	2041.5	1853.1	63.1	12.3	fault gouge approx 2.2 m from main vein

HOLE #	DATE	UTM EAST	ELEVATION (m)	LOGGED By: <u>AC</u>								DATE: _____	
LOCATION:		UTM NORTH	DEPTH (m)	67.06								PAGE _____ of _____	
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeOx intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMMENTS (H ₂ O, caving, etc)
0 - 5													
5 - 10		sist - brn acid	md/dk br	brn fgs	wk; fct staining		35		py < 1% v fine	md br		foam (xline) in brn fgs near contact	
10 - 15		"	pp-br	brn fgs	wk		35		py < 3% fine dissim + strgs	br-pp		py along brn fgs' foliation planes	
15 - 20		"	pp-br	"	tr		20		py, po, sp < 3% fine dissim + strgs	br-pp		sp strgs	
20 - 25		"	pp-br	"	tr		35		py < 7% fine dissim + strgs	tr-gr			
25 - 30		"	pp-br	✓	wk along fct		20		py < 5% dissim + strgs, po, strgs	pp-br			
30 - 35		"	pp-br	✓	✓		45		py, po < 7% dissim + strgs	pp-br			
35 - 40		✓	md pp-br	✓	local bright blue		20		py, po < 7% dissim + strgs	dk pp-br			
40 - 45		brn fgs sist 70% bt-hb-gz meng 30%	lt gr	✓ (in gds)	wk/md		65	qz vns	py, po < 17% strgs + dissim	lt gr		contact @ approx 44"	
45 - 50		bt-gz-meng	lt gr	sericitization (wk)	md/wk local		65	qz vns (tr)	tr	lt br-gr			
50 - 55													
55 - 60													
60 - 65													
65 - 70		bt-gz-meng	gr	—	md, local		45	qz vns	py, po, strgs (tr)	lt gr			
70 - 75		" ✓	gr	—	✓		35	✓	diss py, po, tr	lt br-gr			
75 - 80		✓	yel/gr	—	md, mch/lt qz vns		30	qz vns w/ depn - open fill	tr diss py	lt br-gr			
80 - 85		✓	gr	—	local, md		60	qz vac	tr diss py, asp	lt br-gr			
85 - 90		✓	gr	—	local, wk		65	lt qz vns	tr diss py	md gr			
90 - 95		✓	gr	—	✓		50	✓	tr diss py	md/dk gr			crushed finer than the intls above
95 - 100		✓	gr	—	local, md		35	lt qz vns	tr, md, diss py (diss)	md gr			
100 - 105		✓	gr	—	✓		30	md qz vns		lt/✓		local hb	
105 - 110		✓	✓	—	local, wk		55	✓	tr diss py	lt/br gr		✓	
110 - 115		✓	gr	—	✓		60	wk qz vns		✓		✓	crushed v. fine
115 - 120		✓	gr	—	✓		60			md gr			✓
120 - 125		✓	✓	—	✓		75		diss po py (tr)	lt gr			✓
125 - 130		✓	✓	—	✓		50			lt gr			✓
130 - 135		✓	✓	wk sc	✓		55			lt gr			

ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG				Page 2 of		
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO ₂ Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
135 - 140		bt. qz. mang	gr		—		40			lt gr			larger chips (cylindrical form)	
140 - 145		✓	✓		wk, loc		35			✓				
145 - 150		✓	✓		v. loc, wk		35			md gr				
150 - 155		✓	✓		—		30		dissem. pyro. tr ± 1%	lt gr				
155 - 160		✓	✓		—		45		rr dissem py	✓				
160 - 165		✓	✓		—		30		tr dis. pyro, app	✓				
165 - 170		✓	✓	tourm??	wk, loc		25		rr dis app ± tourm	md/lt gr				
170 - 175		✓	✓		✓		30		tr dis py	lt gr				
175 - 180		✓	✓		v. loc, wk		35		✓	lt/md gr				
180 - 185		✓	✓		wk, loc		35		✓	lt/md gr				
185 - 190		✓	✓		md/wk loc		35		tr dis py, mc, locally wt ± 1%	lt gr				
190 - 195		bt qz. mang hrnls 40%	✓				25		tr dis py in qz. also dis. pyro. in hrnls	lt gr		contact estimated w/ 193 ft	contact	
195 - 200		hrnls	dk pp br	hrnls			20		dis py < 5%	dk pp br				
200 - 205		hrnls'd sst	dk pp br	hrnls	md fct coarse		10		dis py < 5%	dk br				
205 - 210		sst	✓	hrnls, silicified			15		✓	✓				
210 - 215		✓	✓	✓			10		dis py < 1%	✓				
215 - 220														
220 - 225														
225 - 230														
230 - 235														
235 - 240														
240 - 245														
245 - 250														
250 - 255														
255 - 260														

ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG							
HOLE #	RC02-01	UTM EAST	0413699	ELEVATION (m)		CASINK 15'				AZM: 180° DIP: -80 BIT				DATE: AUG 08/02	
LOCATION:	ICE	UTM NORTH	7093392	DEPTH (m)	215'	OB 0-4'				LOGGED By: AL DOHERTY					
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS		DRILL COMMENTS (H ₂ O, caving, etc)	
0 - 5	15:24	metasiltstone	DR-BN	silicification	—	NO				BR. Purple				Break-in Set-up.	
5 - 10	15:54	metasiltstone	DR-BN	"	—	"									
10 - 15	16:10	"	"	"	—	"									
15 - 20	17:08	"	"	"	—	"									
20 - 25	18:12	"	"	"	—	"									
25 - 30	18:45	siltstone	DR-BN	TR, Fractures	1%										
30 - 35	9:24	"													
35 - 40	13:21														
40 - 45		QZMZ													
45 - 50															
50 - 55		QZMZ													
55 - 60		"													
60 - 65		"													
65 - 70		"													
70 - 75	14:45		WT-GY	K'isps → LT GREEN SER?	0-1%			ER QZ	APY-Lt	White	Grey				
75 - 80															
80 - 85	15:22	QZMZ	WT-GY	WEAK patchy sericite	0-1%				ER APY	White	Grey	Very hard. 1.1 hrs			
85 - 90	15:58	"	"	"	1-2%										
90 - 95	17:17	"	"		3-5%				ER APY	Em White					
95 - 100	17:39	"	"		1-2%				"	"					
100 - 105	17:52	"	"		1%										
105 - 110	8:37	"	"	Rel. Fresh	1%	X			APY 1-2%						
110 - 115	9:02	QZMZ	"	"	1-2%	X									
115 - 120	10:00	QZMZ	"	"	20.1%	X									
120 - 125	10:27	QZMZ	"	"	1% e 1'										
125 - 130	11:20	QZMZ	"	"	1-2%										
130 - 135	13:04	QZMZ	"	"	20.1%										

AUG 09 5hr - 70

V. HARD

ASC INDUSTRIES LTD

ICE CLAIMS

RVC LOG

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INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)
135 - 140	13:24	QZMZ											
140 - 145													
145 - 150													
150 - 155													
155 - 160													
160 - 165													
165 - 170													
170 - 175													
175 - 180													
180 - 185													
185 - 190													
190 - 195													
195 - 200													
200 - 205													
205 - 210		QZM7											
210 - 215		SILSN											
215 - 220		SILSN											
220 - 225													
225 - 230													
230 - 235													
235 - 240													
240 - 245													
245 - 250													
250 - 255													
255 - 260													

y 11/02

ASC INDUSTRIES LTD

ICE CLAIMS

RVC LOG

HOLE #		UTM EAST		ELEVATION (m)		LOGGED By:								DATE: _____
LOCATION:		UTM NORTH		DEPTH (m)										
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
0 - 4	15:24	O/B												
4 - 10	15:54	SILTSTONE												
10 - 15	16:10								Po, Py			magnetic flakes (Po?)		
15 - 20	17:08													
20 - 25	17:45													
25 - 30	18:12 09:24													
30 - 35	11:24													
35 - 40	13:21													
40 - 45														
45 - 50														
50 - 55		QZMZ												
55 - 60														
60 - 65														
65 - 70														
70 - 75														
75 - 80														
80 - 85														
85 - 90														
90 - 95														
95 - 100														
100 - 105														
105 - 110														
110 - 115														
115 - 120														
120 - 125														
125 - 130														
130 - 135														

08

09

ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG						
HOLE #	RC 02-02	UTM EAST	413673	ELEVATION (m)		AZIMUTH 180°				LOGGED By: A. FONSECA				DATE: AUG. 16-02
LOCATION:	Chip Saddle	UTM NORTH	7093118	DEPTH (m)	67.06	DIP - 90°								
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
0 - 5		CASING												
5 - 10		wn fls	br. pp				15		dis page 1%	md br				
10 - 15		✓	✓		md fct coating		10		dis page 3%	md. gr. br				
15 - 20		✓	✓				10			dk gr. br				
20 - 25		✓	✓				10			lt gr. br				
25 - 30		✓	✓				25			md gr		flit(?) gummed up fines (or sitting in rain?)		
30 - 35		✓	✓				20	qz vns (load)		pp. br. gr		SAAB		
35 - 40		✓	✓				25	✓ (md, wt)		md br		SAAB		
40 - 45		✓	✓				25	md/st qz vns		md gr. br		SAAB, minor gr clay		
45 - 50		✓	✓				20	md/wk qz vns		md. gr. br				
50 - 55	NO	SAMPLE BAG												
55 - 60		wn fls	br. pp				15			dk br				
60 - 65		wn fls: 60% bt. quartz 40%	br gr				10	md qz vns		lt gr		CONTACT @ approx. 63 ft		
65 - 70		wn fls 2 10% bt. qz. mang 90%	br gr				45			md gr				
70 - 75		bt - 70 mang	yel. gr				45			md/lt gr. br		flit? : abundant clay, st. oxidized		
75 - 80		✓	✓				50	md qz vns		4/md gr. gr		SAAB: gummed up clay		
80 - 85		✓	✓				70	wk qz vns		lt gr				
85 - 90		✓	✓				65	✓		lt gr				
90 - 95		✓	gr/✓				50	md/wk qz vns		✓				
95 - 100		✓	gr				65			✓		flit? : gummed up clay		
100 - 105		✓	gr				50			✓				
105 - 110		✓	✓				45	md qz vns (wt)		✓				
110 - 115		✓	✓				30	✓		✓				
115 - 120		✓	✓				20	wk qz vns		✓				
120 - 125		✓	✓				50			✓				
125 - 130		✓	✓				35			✓				
130 - 135		✓	✓				20	md/wk qz vns		✓				

[illegible]

ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG						
HOLE #	RC-Q2-03	UTM EAST		ELEVATION (m)		AZIMUTH			LOGGED By: AF					DATE: 2025-17
LOCATION:		UTM NORTH		DEPTH (m)	74.67m	DIP								DRILL COMENTS (H ₂ O, caving, etc)
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS		
0 - 5		OVED/HENFLS	dk br				<10			dk br				
5 - 10		✓	✓				<10			✓				
10 - 15		HENFLS	✓				<10			✓				
15 - 20		henfslw sist	dk pp-br	winfls			<10		dissem py	H pp-br				
20 - 25		✓	✓				20	93 vns		✓				
25 - 30		winfls-30% bt-gr-monz-20%	gr br				60			vlt pp gr		contact ~ 26 ft		
30 - 35		winfls-5% bt-gr-monz-95%	gr				65			vlt pp gr				
35 - 40		bt-gr-monz	gr				45	93 vns (oxi- alid)		v. lt gr				
40 - 45		✓	✓				40			H pp-gr				
45 - 50		✓	✓				35			lt gr				
50 - 55		✓	✓				40			lt gr				
55 - 60		✓	✓				35			✓			large chips → bk ground	
60 - 65		✓	✓				30			✓			✓	
65 - 70		✓	✓				45			✓			finely crushed	
70 - 75		✓	✓				35			md gr				
75 - 80		✓	✓				30			lt gr				
80 - 85		✓	✓				35			✓				
85 - 90		✓	✓				30			✓				
90 - 95		✓	✓				35			✓				
95 - 100		✓	✓				40			✓				
100 - 105		✓	✓				30	93 vns		md gr				
105 - 110		✓	✓				25	✓	tr diss py	lt gr				
110 - 115		✓	✓				15	✓	diss. py < 1%	✓				
115 - 120		✓	✓				15		tr diss py	lt gr-gr				
120 - 125		✓	✓				15		tr diss py	✓				
125 - 130		✓	✓				10	md gr vns	tr diss py, py	✓				
130 - 135		✓	✓				20		tr diss py?	md gr-gr			v. large chips → bk ground	

ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG				Page 2 of 2		
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
135 - 140		lt-bt qtz mang	gr		md/lt local		20	md wt qz vns		lt gr			v. large chert	
140 - 145		✓	✓		wt/nd local		30	md qz vns? (+partic)		✓				
145 - 150		✓	✓		✓		40		tr dis. py	✓				
150 - 155		✓	✓		✓		50			✓		cont'd ~ 158.5 ft		
155 - 160		wrnls 25% wt qz mang 75%	gr/lt		wt, loc		15	md qz vns		dk/md br				
160 - 165		wrnls	pp-bt		ft. coating		10	dissem + on (cavty) py < 2%		dk br				
165 - 170		✓	✓				10		dis py < 10%	md gr/lt				
170 - 175		✓	✓		md/st		10	dis + cavty py < 2%		lt pp-br				
175 - 180		✓	✓		md ft coatings		10	qz, py	tr? dis py	✓				
180 - 185		✓	✓		md/st		15	qz strms		✓				
185 - 190		wt qz mang 35% wt qz mang 65%	wt gr/br		✓		20			v. lt br/gr		PH? : gummy clays (wt)		
190 - 195		wt qz mang 35% wt qz mang 65%	gr/lt				65	qz vns		Hgn-gr		ft: gummy wt clay		
195 - 200		✓ / ft	✓				45			✓		✓		
200 - 205		✓ ✓	gr/lt		loc. md/st		50		tr dis py	✓		ft: gummy clay (< 25%)		
205 - 210		✓ ✓	✓		✓		35		✓	✓		✓ (< 10%)		
210 - 215		✓ ✓	✓		✓		40			wt/gr/gr		✓ (20%) v. small sample		
215 - 220		wt qz mang	gr				35	md wt qz vns		lt gr-gr				
220 - 225		✓	✓		md, loc		40		tr dis py	lt br-gr		wt clay < 5% ft?		
225 - 230		wt qz mang > 80% wt qz mang < 20%	br/gr		md		20		dis py < 3%	lt pp-br		cont'd @ ~ 226 ft		
230 - 235		wrnls	br-pp		wt, loc		10		dis + cavty py < 2%	md pp-br				
235 - 240		✓	✓	silicified	tr		15		dis + cavty py < 2%	dk gr-br				
240 - 245		✓	✓	✓			10		✓	dk pp-gr			small sample	
245 - 250														
250 - 255														
255 - 260														

ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG					DATE: <u>RJG 20-02</u>	
HOLE #	RC 02-04	UTM EAST		ELEVATION (m)		AZIMUTH			LOGGED By: <u>AF</u>					DRILL COMENTS (H ₂ O, caving, etc)
LOCATION:		UTM NORTH		DEPTH (m)	70.10m	DIP			SULPHIDES	POWDER	PAN	GEOLOGICAL		
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x intensity	HCL Fines	FINES %	VEINS MINERALOGY	TYPE, %	COLOUR	COLOUR	COMMENTS		
0 - 5		CASING								dk br				
5 - 10		SIST	dk pp-br	wt nls, siliceous	wt, loc.		5		py < 1%	dk br				
10 - 15		✓	✓	✓	✓		5		py silice + 2% disc	md br				
15 - 20		✓	✓	✓	v. wt, loc		15		tr dis py	md pp-gr				
20 - 25		✓	✓	✓			10			✓				
25 - 30		✓	✓	✓	tr		20		tr dis py	lt gr-pp				
30 - 35		✓	✓	✓			15		✓	md pp-gr				
35 - 40		✓	✓	wt nls	md, loc		30		✓	✓				
40 - 45		✓	✓	✓	✓		25		loc approx 1%	✓				
45 - 50		~	~		✓		30		tr dis py	md/lt pp-gr				
50 - 55		✓	✓	✓	✓		20		✓	✓				
55 - 60		✓	✓	✓	✓		35		py along fcs	✓				
60 - 65		✓	✓	✓	✓		20		✓	✓				
65 - 70		✓	✓	✓	✓		15		tr app py < 1%	✓				
70 - 75		✓	✓	✓	tr		15		tr to 1% dis py	✓		~ 1% wt clay: flt?		
75 - 80		✓	✓	✓	md, loc		15	tr qz vns	tr dis py	md/lt pp-gr				
80 - 85		wt nls hb-bt-qz-monz CS?	✓	✓	md fct coating		30	tr qz vns		lt gr		contact: ~ 84.5 to 85 ft		
85 - 90		hb-bt-qz-monz	gr		md, loc		45			lt gr				
90 - 95		✓	✓				60			✓				
95 - 100		✓	✓				40			✓				
100 - 105		flt + bt monz	gr/wt				45			✓		wt clay: flt?		
105 - 110		✓	✓		loc, md		35			lt gr tr		✓		
110 - 115		flt ✓	✓		loc md/wt		50			md gr-gr		✓		
115 - 120		flt?	yl/wt		✓		70			yellow-br		✓		
120 - 125		flt + wt nls	yl-br-pp		✓		70			dk br-gr		✓		
125 - 130		flt	yl		-		90			rel-br		✓		
130 - 135		hb-bt-qz-monz	gr		loc, md		30		tr dis py/ps	lt gr		✓		

± flt

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ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG				Page 2 of	
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)
135 - 140		bk-bt + py. mang	gr/or		md		30			lt gr			
140 - 145		✓	gr		wk, loc		20			✓			
145 - 150		✓	✓		wk, loc		40			✓			
150 - 155		✓	gr/yell/or		md		60			lt gr-gr			
155 - 160		✓	gr		wk, loc		40		tr asp	lt gr			
160 - 165		NO SK MARK	✓		✓		30			✓			
165 - 170		bk-bt + py. mang	✓		✓		✓			✓			
170 - 175		✓	✓		md, loc		50			✓			
175 - 180		✓	✓		—		25			md/lt gr			
180 - 185		fl + bt + py. mang	br-or		md/st		20			lt yl-gr		abundant oxid	
185 - 190		✓ + warts	br-or		✓		30			lt yl-br			
190 - 195		fl + bt + py. mang	✓		✓		20		tr disc. py	lt yl-gr		v. large chips (24 cm Ø)	
195 - 200		lt. py. mang	gr		loc, md		35		tr disc. py	lt gr			
200 - 205		✓	✓		wk, loc		30		✓	✓			
205 - 210		✓	✓		✓		25			lt gr-gr			
210 - 215		✓	✓		—		20		tr disc. py	md gr			
215 - 220		✓	br-d/gr		st		25		✓	lt yl-gr			
220 - 225		NO SAMPLE								md/lt gr			
225 - 230	EOH	bt + py. mang	gr		md		25			md/dk gr		v large chips	
230 - 235													
235 - 240													
240 - 245													
245 - 250													
250 - 255													
255 - 260													

hole shut down before lower intrusive contact because drilling stalled down severely in bk rock, + in order to move to next setup + avoid stand-by during night shift

ASC INDUSTRIES LTD				ICE CLAIMS			RVC LOG							
HOLE #	RC 02-05	UTM EAST	414329	ELEVATION (m)	1535	LOGGED By: AF								DATE: Aug 20
LOCATION:		UTM NORTH	7093564	DEPTH (m)	70.10									
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
0 - 5		CASING												
5 - 10		sist ~ 50% wt. qz. mang 50%	br	knifels	st/md		20		tr dis app. knifels by	md gn-br				
10 - 15		sist	✓	✓	md		40	tr dis app	br dis app	lt gr				
15 - 20		sist 75% wt. qz. mang 1%	✓	✓	✓		30		dis app. by 21%	lt pp-gr				
20 - 25		sist	lt gr/br	✓	md/st		15	qz vns		or-br				
25 - 30		sist	H gn-gr/br	wt knifels	✓		20			lt/md gn-gr				
30 - 35		✓	✓	✓	md		35			lt gn-gr				
35 - 40		✓	wt/ppgr	md knifels	st/md		15			lt/md br-gr			rods getting stuck bit plugged (water)	
40 - 45		✓	or-br	bleaching	st		15			md or-br				
45 - 50		✓	wt/br	✓	md/st		15			✓				
50 - 55		✓	br	✓	st		25			✓				
55 - 60		✓	br		✓		20			✓				
60 - 65		✓	✓		✓		25			✓				
65 - 70		✓	✓		✓		35			✓				
70 - 75		wt. qz. mang (30%) knifels (<30%)	br/gr		st		45			H br-gr				
75 - 80		wt qz mang	br/gr		✓		55	md qz vns		✓				
80 - 85		✓ + sist	✓		✓		40	✓		✓				
85 - 90		sist	✓		✓		25	✓		✓		contact		
90 - 95		sist	✓		✓		30			✓		wt qz mang or qz vns?		
95 - 100		wt. qz. mang	✓		✓		20			H br-gr				
100 - 105		✓	gr/br		md		30		tr dis app	lt gr				
105 - 110		✓	✓		✓		20		dis app by knifels	lt gn-gr				
110 - 115		✓	✓		✓		25	md qz vns	tr dis app, by	✓				
115 - 120		✓	✓	sc alt'n	st		20	✓		lt yl-br				
120 - 125		✓	✓		✓		20	✓		✓				
125 - 130		✓	✓		✓		15	✓		lt gr				
130 - 135		✓	✓		✓		15	✓	tr dis app	✓				

ASC INDUSTRIES LTD

ICE CLAIMS

RVC LUG

RC 02-03

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[illegible]

ASC INDUSTRIES LTD				ICE CLAIMS		RVC LOG										
HOLE #	RC-06	UTM EAST		ELEVATION (m)		LOGGED By:								DATE: <u>Aug. 22.02</u>		
LOCATION:		UTM NORTH		DEPTH (m)	62.48											DRILL COMENTS
INTERVAL	TIME	LITHOLOGY	COLOUR	ALTERATION	FeO _x	HCL	FINES	VEINS	SULPHIDES	POWDER	PAN	GEOLOGICAL		DRILL COMENTS		
From To				TYPE, INTENSITY	intensity	Fines	%	MINERALOGY	TYPE, %	COLOUR	COLOUR	COMMENTS		(H ₂ O, caving, etc)		
0 - 5		CASING														
5 - 10		bt-gz-mang ^(w/02)	opt. br		md		25			gn-br						
10 - 15		sist	blk/br		md		20			md-gr-br				v. large chips		
15 - 20		sist: 30% bt-gz-mang 70%	br/gr		md		25			md-gr-br						
20 - 25		bt-gz-mang	br/gr		✓		25			lt-gr-br						
25 - 30		✓	✓		✓		25			lt-gr-gr						
30 - 35		sist	blk/gr		md/wk		20			✓						
35 - 40		✓	pp-br		md, loc		20			lt-gr						
40 - 45		✓	✓		✓		20			✓						
45 - 50		✓	pp-br		✓		10			✓						
50 - 55		sist: 95% bt-gz-mang 5%	✓		✓		20			✓						
55 - 60		bt-gz-mang	opt-br		✓		30			✓						
60 - 65		✓	✓		✓		25			✓						
65 - 70		✓	✓		✓		20	md qz vns	tr disc py	✓						
70 - 75		bt-gz-mang 90% w/02 10%	gr		wk/md, loc		30		tr disc py, cp	✓						
75 - 80		bt-gz-mang	gr-br		md/st		25	md qz vns		✓						
80 - 85		✓	✓		✓		15	md qz vns	tr disc py	✓						
85 - 90		✓	opt.		wk		20	wk qz vns	✓	✓						
90 - 95		✓	gr-br		md/wk		20			✓						
95 - 100		✓	✓		✓		20			✓						
100 - 105		✓	gr		wk, loc		40		tr disc py	✓						
105 - 110		✓	gr				30		✓	✓						
110 - 115		✓	gr-br		wk, loc		45	md qz vns	py coating shs	✓						
115 - 120		✓	✓		md		30	md/wk qz vns		md-gr-gr						
120 - 125		✓	✓		✓		20			lt-gr						
125 - 130		✓	gr		wk		15		tr disc py	lt-gr						
130 - 135		✓	✓		wk, loc		15		✓	✓						

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ASC INDUSTRIES LTD

ICE CLAIMS

RVC LOG

HOLE #	RC 02-07	UTM EAST		ELEVATION (m)		AZIMUTH			CASING:	LOGGED By: AF				DATE: Aug. 26
LOCATION:		UTM NORTH		DEPTH (m)	44.196	DIP								
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
0 - 5		CASING												
5 - 10		sist / volc	pp. br	wrntls	wk, loc		10		dis pyc 1%	dk. br				
10 - 15		sist / volc	dk gm-blk				10		tr dis pyc	md br				
15 - 20		volc?	dk gm-blk				10			md / lt gm-gr				
20 - 25		volc?	dk gm-blk				10	md qz vns		md gm-gr				
25 - 30		✓	✓				15		tr dis pyc	md pp-gr				
30 - 35		fH(?) + volc(?)	dkm-blk + yl-or				20		✓	md br		yellow clay		
35 - 40		volc(?) + sasl	blk + lt gr-br				10		✓	md gm-gr				
40 - 45		sasl	lt br				15			lt gr-br		qz. waste		
45 - 50		✓	lt br-gr				10			lt or-gr				
50 - 55		✓	✓				5		tr or brd pyc	lt gr				
55 - 60		sasl + fH(?)	✓				35			md gm-gr		gummed up clay? fH?	wet, v. small	
60 - 65		sasl	✓				15			✓				
65 - 70		✓	✓				20			✓				
70 - 75		✓	✓				10			Hyl-br				
75 - 80		✓	✓				10			lt gm-br				
80 - 85	NO	SAMPLE												
85 - 90		sasl	lt br-gr				5	md qz vns		H gm-gr				
90 - 95		sasl + volc?	dk gm-br-gr				15	✓	tr dis pyc	✓		} 4 km volc bed		
95 - 100		✓ + ✓	✓ + ✓				10	✓	✓	✓				
100 - 105		sasl	br-gr				5		tr dis pyc	md gr.				
105 - 110		✓	br-gr / dk br				5		dis pyc 1%	dk gm-gr				
110 - 115		✓	br-gr				5		dis pyc 1%	H / md gm-gr				
115 - 120	?	sasl 5% lt qz vns	gr				10	md qz vns	tr dis pyc	lt gr		contact @ 115'		
120 - 125		sasl	gr				15%		dis pyc 1%	lt gm-gr				
125 - 130		✓ + volc?	✓ / blk		md, loc		25	wk qz vns	tr dis pyc	md gr				
130 - 135		sasl	gr		✓		10		✓	md gm-gr				

ASC INDUSTRIES LTD

ICE CLAIMS RC 02-07

RVC LOG

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ASC INDUSTRIES LTD

ICE CLAIMS

RVC LOG

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ASC INDUSTRIES LTD				ICE CLAIMS				RVC LOG						
HOLE #	KC 02-01	UTM EAST		ELEVATION (m)		AZIMUTH			CASING:				DATE: Aug. 30-02	
LOCATION:	thumb	UTM NORTH		DEPTH (m)	54.45	DIP			LOGGED By:					
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
0 - 5														
5 - 10		sast	br-gr		md		10			br-or (md)				
10 - 15		sist	dk gr		md		20			lt gr-lw				
15 - 20		✓	✓		md, loc		10		tr dis app, py	lt pp-gr				
20 - 25		✓	✓		✓		10			lt gr				
25 - 30		✓	✓		✓		10		tr dis py, asp	lt br-gr				
30 - 35		✓	lt gt	local suero	md/lt loc		15	loc. 3-py-asp 10%	✓	lt br-gr				
35 - 40		✓	✓		md loc		25		tr dis py app	lt gr-gr				
40 - 45		✓	✓				10		loc. dis nap 2.3%	✓				
45 - 50		✓	dk pp gr	md hrnf is	wk, loc		30		tr dis py	md gr				
50 - 55		✓	md/dk gr				25		✓	lt gr				
55 - 60		bt qz-monz 20% sist 80%	gr		md		75		diopys 1% loc	H/md gm-gr				
60 - 65		bt qz-monz	gr-br		md		60	md qz vn	✓	lt gr				
65 - 70		sist	blk		wk, loc		20	✓		md gr				
70 - 75		✓	✓		✓		40	✓	dis py 50.5% 10% Y	lt/md gr				
75 - 80		✓	✓		md, loc		40	✓	tr dis py	lt gr				
80 - 85		✓	✓				25	✓	dis py 100% 1%	md gr				
85 - 90		✓	✓		md		25	md/st qz vx	tr dis py	md br-gr				
90 - 95		bt qz-monz 20% sist 80%	gr/lw		md		40	✓	dis py loc 1%	lt gr				
95 - 100		bt qz-monz 85% sist 15%	✓		md/loc		25	md qz vn	✓	✓				
100 - 105		lt qz-monz 80% sist 20%	gr		wk, loc		45		dis py, asp, loc 22%	✓				
105 - 110		sist	dk gr		md		25		dis py loc 1%	md gr-lw				
110 - 115		✓	✓		md, loc		25		dis py, ck, loc 1%	lt gr				
115 - 120		✓	md gr		wk, loc		20		dis py 1% loc	✓				
120 - 125		✓	✓		md, loc		10	wk qz vn	tr dis py	lt gr-gr				
125 - 130		✓	✓		✓		10	md qz vn	✓	lt gr-lw				
130 - 135		✓	✓				15	md qz vn	dis py 2%	md gr				

[illegible]

ASCO INDUSTRIAL LTD

ICE CLAIM

K7C 203

HOLE #	RC-02-10	UTM EAST		ELEVATION (m)		AZIMUTH			CASING:	LOGGED By: AF				DATE: Aug 30-02
LOCATION:		UTM NORTH		DEPTH (m)	53.34	DIP								
INTERVAL From -To	TIME	LITHOLOGY	COLOUR	ALTERATION TYPE, INTENSITY	FeO _x Intensity	HCL Fines	FINES %	VEINS MINERALOGY	SULPHIDES TYPE, %	POWDER COLOUR	PAN COLOUR	GEOLOGICAL COMMENTS	DRILL COMENTS (H ₂ O, caving, etc)	
0 - 5														
5 - 10		DJBD					40			md br			wet	
10 - 15		✓					45			md br				
15 - 20		sist	gr - br		md/gr		35			md gr - br				
20 - 25		✓	✓		✓		30			H br				
25 - 30		✓	✓		✓		25			✓				
30 - 35		✓	✓		✓		45	md qz vns		✓				
35 - 40		sist/sast	✓		✓		50	wk qz vns		H gr				
40 - 45		✓	✓		✓		30			H br - gr				
45 - 50		✓	✓		✓		20			H gr				
50 - 55		✓	✓		md, loc		30			✓				
55 - 60		✓	✓		md		20			H gr - br				
60 - 65		sast	H br		✓		25	wk qz vns		H br				
65 - 70		✓	✓		✓		30	✓		H br - br				
70 - 75		✓	✓		✓		25	✓		H br				
75 - 80		✓	dk br		md, loc		20			H br				
80 - 85		✓	dk/md gr		✓		25			✓				
85 - 90		✓	✓		✓		20	wk qz vns		H gr				
90 - 95		✓	br/gr		wk, loc		15			H gr - gr				
95 - 100		sast/sist	md gr				5	wk qz vns		H gr				
100 - 105		✓	H dk gr				20		tr dis py	H/md gr				
105 - 110		✓	✓				5		✓	✓				
110 - 115		✓	wt gr				5	md qz vns		✓				
115 - 120		sast	wt/gr				15			✓				
120 - 125		✓	✓				5	md qz vns	tr dis py	H gr - gr			v. large chips	
125 - 130		sast	gr		wk, loc		5	✓	✓	H gr				
130 - 135		✓	gr, wt, br		md		15			H gr - gr				

[illegible]

Property: Red Mountain, Yukon	Azimuth: 239°	Logged By: AF
Zone/Target: Treadwell vein	Dip: -50°	Drilled By: DeLorme
Claim: 10	Hole Length:	Assays By: ACME Analytical Laboratories
Started: Aug 26 - 02	Casing:	Downhole Surveys: Acid test: 1-60° dip @ 104
Completed: Aug 30 - 02	Core Size: N8	
Coordinates: 415508 / 7093681	N	E elevation
Comments:		

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	3.6	CASING															
3.6	25	SAST Litho: wt, md-grd qz-wacke (small, clay-att'd wt fsipars < 7%) ; non-calcareous STRUCTURE: Brittle resistant core Alteration: oxidation (most intense surrounding oxide stringers & dev fractures); local bleaching Vns: isugent (chalcedonic?) stringers @ various orientations: oxidized stringers, stockwork local qz vns & 2-3 mm w/ open space filling xls Contacts: sst / gillite sst below stratigraphic	0	0	2	2/3	1			90.4							
25	39.62	SIST / SNET Litho: bl-gr, non-calc. sist to fine-gr sst Structure: M att'd blk and w/ w/ pieces ~ 5 cm w Minor quartz veins ~ 5 cm w Alteration: Md to locally st oxidation (locally or bleached + oxidized core)	0	1	2	2	1			89.3							

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Vns: wt qz stringers + vns < 5mm w; py stringers (local) @ various orientations; oxidized stringers (local); st to md oxide staining of fractures														
		contacts: bottom = flt (v. bk core) top = stratigraphic contact w/ wt sst														
39.62	42.67	FLT + S1ST / SAST Litho: v. bk, st to pv. oxidized st/sst	0	3	2	2	1		68	.1						
		Structure: v. bk core (w/ minor gouge) intvl's < 1m alternating w/ intvl's of bk core (pieces < 15cm) intvl's < 1.2m w														
		Alteration: st to pv. oxidation in bk core; bleaching in intvl's of competent core														
		Vns: oxidized stockwork														
		contacts: limits of flt (top); st/sst/sast contact (below)														
42.62	50.26	FLT + WT SAST Litho: v. bk wt qz waste to qz-arenite; fine gr		2	2	2	1		63	.1						
		Structure: bk core + gouge intvl's < 45cm														
		Alteration: local bx; local pv. oxidation; st or. staining of fractures														

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides	% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Vns: oxidized strgr stockwork (wt)													
		contacts: sst/sst contact (above) end of ft zone (below)													
50.26	57.9	WT SAST	0	0	3	2		92.5							
		Litho: wt qz-wacke to qz-arenite, fine-gr; brittle; non-calcareous													
		Structure: solid, resistant brittle													
		Alteration: md/st oxide staining of fets silicified vn zone @ 56.5 - 56.95													
		Vns: v. wk oxidized strgr (<1 mm w) stockwork; local qz vns < 8 mm w (local x-line qz) bull qz vns < 60 cm w, w/ local open space fill (qz + oxidation)													
		Contacts: upper = end of ft zone lower = sst/sst contact													
57.9	85.43	SIST	0	1	1	2	2	99.6							
		Litho: md gr sist; non-calc; st foliated (laminae @ 60° c.a.); w/ sst intake	2	m											
		Alteration: pv. bleaching + md oxidation @ 70.1 - 77.2 (coincident w/ sandy 'intake') local mottling (chloritoid?) + wk. bt. hornfels													
		Structure: Mostly solid, resistant core - v. bk core + sponge 77.2 - 77.35 m													
		Vns: wt oxidized stockwork bull qz vns < 2 cm w @ 76.2 - 77.1													

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		<u>Contacts:</u> sast / sist contact (w/ qz-asp vn) (top); sast / sist contact (bottom)														
85.43	86.11	Q2 Vein wt qz w/ asp xls < 1cm ϕ + oxidized ss, local XLline qz (open-space fill)		4	4	3			100	?						
86.11	91.4	SAST Litho: Hgr to wt-gr sast (fine-grd qz-wacke); non-calcareous <u>Structure:</u> Solid; resistant w/ intuls of bk core (pieces < 3cm w) < 25 cm <u>Alteration:</u> wk bleaching; st. watering of fets; local md oxidation <u>Contacts:</u> Upper = qz vn Lower = sist / sast contact <u>Vns:</u> wk oxidized stragg stockwork 1-1cm qz-asp vn @ 87m.	0	0	2	2	1		88	3						
91.4	110.2	SAST (laminated) + Q2 VNS Litho: laminated, bioturbated (?) sast to sist, lt bl-gr, non-calc; fine-grd <u>Structure:</u> solid, resistant	2	0	$\frac{4}{3}$	$\frac{4}{3}$	3		12	?	split before logging					

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Alteration: wk bt-hornfels of shaly laminations														
		local wk/md silification														
		local md oxidation														
		tr dissem. py (± asp?) in unoxidized areas														
		Vns: qz vns < 3cm w, w/ oxides + local asp, cp														
		qz-cb stringers														
		- py stringers (locally oxidized), locally w/														
		asp, cp														
		Contacts: upper = stratigraphic (limits of laminated sst)														
		lower " " "														
110.2	123.44	SIST	2	0	1/2	3	3		93							
		Litho: md gr, banded to massive sst,														
		w/ fine- to md-grd. lt gr sst interbeds < 4cm w														
		st. foliated; locally calcareous (from 130m														
		downwards)														
		Structure: solid, resistant core														
		Alteration: dissem. py < 0.5%														
		md/wk bt-hornfels; local mottled texture (chloritoid?)														
		- local silification (w/ hornfels)														
		Vns: local qz vns w/ cp, mc, py														
		w/ py stringer-stockwork														
		- local qz vns w/ spars, sv (py, fsp) +														
		hornfels envelope (magmatic input)														
		Contacts: arbitrary (stratigraphic)														

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
173.44	184.18	SAST	0	1	2	2	0		84	3						
		Litho: wt qz, arenite to qz - wacke, fine-gr. non-calc														
		Structure: mostly solid, brittle														
		v. bk + gouge @ 184.0 - 185.0 (oxidized, silty?)														
		Alteration: silty / w/ oxidized + bleached @ 181.0 - 184.18														
		Vns: clear qz + py strgrs (wk stockwork)														
			0													
184.18	194.12	SIST	0	0	2	1	2									
		Litho: med gr sist to fine-gr sst (non-calc), locally banded														
		Structure: solid, resistant														
		Alteration: Mostly unalt'd														
		Vns: py strgrs < 1mm w qz vns < 4mm w clear bottom contact														
194.12	213.5	SAST														
		Litho: H gr to wt-gr sst (qz - wacke)														
		Structure: Mostly solid, resistant, brittle														

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		<u>Alt'n</u> : local sil. oxidat, local dissem op, asp, py (tr)							88							
		-st. oxide staining of fcls														
		-local chd surrounding qz vns														
		-st/md silification @ 210-213.5 m														
		<u>Vns</u> : qz vns < 3 cm w, w/ op, py, asp														
		qz vns along c axis (uncertain width)														
213.5	226.78	SAST / S1T	0	0	3	3 3/4			92							
		Litho: gm-gr sst to s1st (v. fine-gr sst); non-calc														
		<u>Structure</u> : v. solid, brittle, resistant														
		<u>Alt'n</u> : wk chloritic (gm colour) + wk/md silification surrounding vns														
		<u>Vns</u> : qz vns (wt, < 4 cm w), w/ py, op, asp, po														
		-oxidized strays + fcls @ various orientations														
226.78		EOH														
		Hole closed in vein system because bit worn, had to pull out rods, so moved to DD03, which tests same target														

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Diamond Drill Core Log

Hole Number DD 02-01

Property: Red Mountain, Yukon Ice	Azimuth: 234°	Logged By: AF
Zone/Target: Treadwell vein	Dip: -45°	Drilled By: D. D. Mc
Claim: Ice	Hole Length: 195.07 m	Assays By: ACME Analytical Laboratories
Started: August 10-02	Casing: 10 ft / 3.04 m	Downhole Surveys:
Completed: Aug 13-02	Core Size: NQ	
Coordinates: 415648E / 7093750 N	N	E
Comments:	elevation	

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
0	3.04	CASING															
3.04	9.0	SAST				Ø	W			88	.3	175501	6.0	7.5			
		Litho: bl-wt st. foliated md metamorphosed g3-wacke (~20% fspar) + few shaly intls < 1cm										175502	7.5	9			
		Structure: solid, resistant core; Sn @ 45° to 60° c.a., microfolded															
		Alteration: md to st oxidation // to foliation (pre-ferential oxidation of fspar-rich domains)															
		locally pv oxidation (boxwork) intls < 1cm wide															
		st. oxide coating of fcts															
		Contacts: upper: casing															
		lower: limit of intense oxidation (below)															
9.0	20.85	PV OXIDIZED SAST / g3 vn			2	4	2			63	.5						
		Litho: st to pv oxidized g3-wacke buff-brown (in st al'd areas) to lt bl-wt (in fresher areas); boxwork intls < 4cm w															
		Structure: solid, resistant core															
		Alteration: pv to st oxidation															
		oxide boxwork intls < 4cm w, w/ botryoidal goethite															
		Vns: g3 vns w/ crystalline (open-space fill) g3+ small py xls ^{radius of xls 1cm - 2cm} < 5cm w + wt g3 vns < 0.5cm, @ 60° c.a.															
		-oxidized															

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		oxidized stringers (< 0.5 mm w) locally bleaching core strongly														
		Contacts: upper & limits of pv to st oxidation lower: stratigraphic: shaly sst below														
20.35	22.8	PV OXIDATION / BX / FLT		3	1	3	1		81	.5						
		Litho: fm-gr shaly sst (qz-wacke) to sst; bx (oxides-goethite, hematite matrix) intls < 1m; gouge < 20cm														
		Structure: bx core + gouge intls < 40 cm shaly sst: core piece 6 cm w														
		Alteration: st to pv oxidation; local boxwork intls < 5 cm w; boxwork oxide cementing bx fragments														
		Vns: abundant oxidized stringers < 2 mm w														
		Contacts: margin of st/pv oxidation + boundaries of gouge intls														
22.8	38.58	SIST / SAST			3	3	1		60	.3						
		Litho: fm-gr fine-grd sst (qz-wacke) to sst														
		Structure: mostly resistant core														
		Alteration: st oxidation along foliation planes (@ 60° c.a; most intense in fsp-rich domains)														

-st oxide coating of fct's
-locally st chl alter'n

0-Absent; 1-Trace; 2-Weak; 3-Moderate; 4-Strong

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Vns: abundant qz streaks < 8 mm w, @ 45-60° o.a.															
		- abundant oxidized to boxwork streaks < 8 mm w, @ 40° o.a.															
		- local Qtz qz vns < 3 cm w (no XL qz)															
38.58	43.07	FLT BX															
		Litho: bl-gr qz-wake mottled texture (fspers along foliation); br-y clay gouge + boxwork		4		3	1				80	3-2					
		Structure: bk core + gouge															
		Alteration: st/pv oxidation in gouge + bx intls (oxidized bx matrix);															
		Vns: wt qz vns < 3 cm w, w/ oxides, @ 45°-30° o.a.															
		Contacts: flt boundaries															
43.07	56.16	SAST				3					84	-6					
		Litho: lt gn-gr to wt bgt coarse sst to fine gr sast, st foliated; gnschist facies metamorphism															
		Structure: solid, competent core w/ bk core (< 4 cm) intls < 35 cm															
		Alteration: chloritic alteration, mottled															

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		local chloritoid all in (dk mottled texture)															
		Brecciated @ 51.35 - 51.8 m (oxidized matrix)															
		oxide coating of fets: md to st															
		Veining: oxidized qz string stockwork throughout the intvl															
		Contacts: fault above + below															
56.16	61.46	FLT zone		3	1	3	1			88	.3						
		Litho: sst/sst similar to above, where unbroken															
		Structure: bk core, crushed core, + gouge															
		intvls < 50 cm, intercalated w/ solid															
		resistant core intvls < 1.5 m															
		Alteration: bleaching + oxidation: md to															
		wk in solid core intvls															
		Contacts: end of flt + gouge (bottom) + bk															
		rock (top)															
		Vns: bull qz vns < 10 cm w															
		wk/md oxidized stringer stockwork															
		~~fl~~ - open space fill qz w/ vgs @ 60.3 m															
61.46	85.59	SAST + py string stockwork			2	3	3			99	.8						
		Litho: lt/md gr-gr fine gr sst to stst;															
		st foliated metamorphosed to gneiss facies;															
		mottled tx from alteration															

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Alteration: Chloritoid alt'n (mottled aspect)														
		Dissem. py. tr to 1%														
		Veins: py + qz-py string stockwork														
		(stringers < 1mm w)														
		0.5 cm w. py vein ~86.3m														
		Structure: solid, resistant core														
		fl (sticky clay) @ 83.8m														
		Contacts: fl (above) + st/md oxidation limits (below)														
89.59	92.98	SIST/SAST st. oxidized				3	2		47	2						
		Litho: Buff-br to md/lr gr sast (fine wacke) to sist														
		st. foliated														
		Alteration: Md to st oxidation, oxide coating of														
		fcls														
		Veins: py + oxidized string stockwork														
		Structure: solid, resistant core, w/ local														
		bk core (pieces < 3cm) intls < 35cm														
		Contacts: limits of st oxidation														
92.98	100.75	SIST/SAST														
		Litho: Md/lr gr sast (fine-grd wacke)				3	1		4	91						
		to sist; st. foliated														
		Structure: mostly solid, resistant core; bk core														
		(pcs < 5cm) intls < 20cm														

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Alteration: chl + chloritoid (mottled fxi)														
		local st. oxidation (intls < 15 cm w)														
		Ans: oxidized strong stockwork														
		contacts: end of st oxidat (above)														
		tend of st bull qz vining (below)														
100.95	109.72	SAST/SIST + BULL QZ			2	4	3		96	.6						
		Litho: dk to md gr to gn-gr sist (dark) to														
		fine-grd qz-wacke														
		strongly foliated														
		Alt'n: local bleaching + md oxidation														
		tr dis py														
		Ans: wt bull qz vns < 7 cm w, locally w/														
		Tr py, asp, po, fep														
		contacts: limits of st. vining area (above + below)														
		-stratigraphic contact w/ lt gr sa st (below)														
109.72	127.27	SAST														
		Litho: wt to lt gr qz-arenite to qz wacke,			1	3	2		93	.6						
		fine-grd, brittle, pitted														
		Structure: solid, resistant core														
		Alteration: st to py oxidation @ 115.8 - 120.37														
		tourm(?) blebs < 0.5 cm Ø														

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides		% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		Vns: qz stringers + vns < 4cm w, @ various orientations, w/ local open space filling blk tourm(?) stringers														
		Contacts: shaly sist (below); st. vns sist/sast (above)														
152.2	152.2	SIST (py stockwork stringers)			1	3	3		60	.3						
		Litho: md to H gr to gm-gr sist to fine-grd sast, st. foliated, w/ interference fold patterns														
		Structure: solid, resistant core														
		Alteration: wk chl all'n in sast beds + ls py + local near stockwork intk py blobs < 0.5 cm Ø														
		Vns: qz stringers + vns < 10cm w, w/ local py asp + open space filling qz py stockwork throughout														
		Contacts: clean sast (above) + st. oxid' limits (below) w/ flt gouge														
152.2	155.4	FLT + st. oxidation zone		3	3	3			82	.2						
		Litho: pv. oxidized buff-orange br sast(?) + gouge														
		Structure: blocky + clay (flt gouge)														
		All'n: pv. oxidation dis. py < 1% (in intls w/ wk oxidation)														

From	To	Description: Lithology, Structure, Alteration, Mineralization	Carbonate	Clay	Quartz	Veins	Sulphides			% Recov.	RQD	Sample #	From	To	Length	Au	Ag
		<u>Vns</u> : py strgr stockwork (various orientations, x-cutting qz vns + strgrs															
		<u>Contacts</u> : flt gouge (upper); limits of oxidation (lower)															
155.4	195.07	SAST /SIST															
		<u>Litho</u> : lt gr, fine-grd qz - waste to sist st. foliated, metamorphosed to greenschist facies															
		<u>Structure</u> : solid, resistant core															
		<u>Alteration</u> : st. chloritoid (?) alt'n @ 155.4 - 160 m (mottled texture) - diss py: tr to locally < 1% - py blebs < 2 cm @ 190.5 m															
		<u>Vns</u> : py-qz strgr - stockwork, locally w/ py-rich vn envelopes < 5 mm w - qz vns < 7 mm w, w/ sc selvages															
195.07		E04 Hole abandoned @ 195.07 because of frozen water line + ice in the hole DD setup moved to DD 02-02 to avoid re-drilling ice															

[illegible]

GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. PROJECT ICE CLAIMS File # A202223 Page 1

c/o Coelton Venture, 1701, Courtenay BC V9N 1A2

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	%	%	%	%	ppm	ppm	ppm	ppm	%	ppm
G-1	1.6	2.8	2.5	44	<.1	4.2	3.9	543	1.95	.9	2.0	.6	4.6	72	<.1	<.1	.1	41	.57	.090	8	17.2	.55	210	.130	1	.97	.084	.45	1.5	<.01	2.8	.3	<.05	5
10+50W 7+50N	8.6	37.5	61.1	42	.6	12.2	2.7	106	3.13	297.0	1.7	67.6	3.8	17	.2	49.0	1.5	127	.04	.068	25	20.3	.17	80	.042	<1	1.06	.007	.07	.2	.11	2.1	.5	.06	10
10+50W 7+25N	4.5	64.7	66.1	34	1.7	13.5	3.7	88	3.01	342.3	2.0	55.6	1.5	17	.3	13.8	1.6	57	.09	.057	20	19.6	.22	117	.013	<1	1.02	.008	.06	.2	.35	1.5	.4	.08	5
10+50W 7+00N	4.8	45.2	53.9	55	.7	14.7	5.6	149	3.04	240.8	1.5	49.2	4.4	11	.2	18.6	1.2	70	.05	.054	21	21.3	.21	76	.028	<1	1.24	.006	.05	.3	.16	1.9	.3	<.05	6
10+50W 6+75N	5.3	127.7	70.3	85	.7	31.4	23.2	405	3.33	283.9	3.6	56.4	6.2	18	.3	26.5	1.4	54	.11	.096	30	24.6	.39	102	.023	1	1.50	.008	.08	.2	.31	3.3	.5	<.05	4
10+50W 6+50N	1.5	26.5	15.6	18	.6	4.6	1.4	47	.70	70.3	.9	52.7	.1	12	.7	3.6	.6	17	.07	.085	10	8.5	.06	68	.005	<1	.48	.009	.06	.2	.10	.3	.2	.08	2
10+50W 6+25N	1.6	30.9	13.9	41	.2	11.2	4.6	217	2.58	151.5	.5	51.3	3.4	8	.1	2.6	.8	46	.06	.031	15	19.9	.27	59	.037	1	1.12	.005	.04	.2	.05	1.9	.2	<.05	5
10+50W 6+00N	2.3	59.8	14.8	48	.3	11.1	4.8	271	2.40	178.6	.8	52.4	1.5	9	.2	2.8	1.1	50	.06	.046	16	19.5	.20	81	.028	1	1.52	.005	.05	.3	.09	1.3	.2	<.05	6
10+50W 5+75N	3.6	115.0	23.5	55	.4	14.6	6.5	307	2.75	516.3	1.3	237.9	1.0	11	.3	10.3	3.0	47	.07	.084	19	21.7	.20	84	.019	1	1.38	.009	.07	.5	.14	1.2	.2	.08	5
10+50W 5+25N	3.3	103.3	19.5	38	.6	9.6	3.7	273	2.44	270.0	1.4	190.1	1.6	11	.3	7.8	1.5	40	.04	.078	22	19.4	.21	81	.017	2	1.60	.009	.11	1.1	.14	1.3	.3	.08	6
10+50W 5+00N	2.8	102.6	10.0	29	1.5	7.6	2.5	67	1.64	246.7	1.1	119.8	.2	11	.5	3.7	1.0	22	.04	.104	11	11.6	.09	80	.009	1	.78	.010	.08	.5	.13	.6	.2	.15	3
10+50W 4+75N	6.0	383.1	21.1	77	.8	34.1	19.7	534	4.14	949.3	3.0	995.1	6.8	19	.5	9.6	4.5	42	.11	.089	32	23.2	.34	113	.028	1	1.58	.012	.13	1.6	.12	3.1	.3	.07	5
10+50W 4+50N	7.2	518.6	24.8	87	1.0	42.8	33.8	1000	4.43	1193.8	3.9	707.0	7.6	22	.4	9.1	5.4	46	.12	.098	35	25.7	.39	145	.028	1	1.96	.014	.13	1.0	.13	4.2	.4	.07	5
10+50W 4+25N	5.4	267.7	18.9	60	.5	26.0	33.1	904	3.44	1012.9	2.3	816.0	9.2	15	.3	7.7	5.1	33	.10	.065	28	18.5	.29	106	.022	1	1.15	.009	.08	1.1	.08	2.7	.2	<.05	3
10+50W 4+00N	4.7	268.5	14.3	65	.4	27.8	18.1	360	3.64	630.4	2.2	834.6	9.2	22	.3	8.8	2.4	33	.14	.070	26	18.6	.31	92	.027	<1	1.17	.012	.09	1.4	.08	2.7	.2	<.05	3
10+50W 3+75N	3.4	328.4	15.0	24	.7	10.8	3.3	104	3.23	248.3	2.4	85.6	.4	11	.2	3.3	.7	31	.06	.156	13	16.4	.14	56	.010	1	1.47	.008	.06	.3	.21	.8	.2	.26	4
RE 10+50W 3+75N	3.4	322.4	14.9	24	.7	9.9	3.2	100	3.02	244.2	2.4	86.8	.4	11	.2	3.3	.7	30	.05	.157	13	16.3	.13	54	.008	2	1.47	.007	.06	.3	.22	.8	.2	.26	4
10+50W 3+50N	1.9	105.0	9.7	20	1.2	9.4	2.1	38	1.14	76.9	.9	347.8	.1	14	.5	2.5	.3	15	.07	.149	7	8.2	.04	147	.005	1	.80	.012	.05	.1	.19	.4	.1	.27	2
10+50W 3+25N	6.0	181.7	30.8	45	.6	15.9	5.4	153	4.22	509.1	2.1	600.4	6.5	32	.3	17.6	2.2	30	.08	.080	32	16.9	.24	199	.011	<1	1.20	.023	.15	.2	.07	2.4	.3	.24	4
10+50W 3+00N	1.5	18.8	11.5	30	.3	6.5	2.4	98	1.74	14.9	.5	8.4	.4	7	.2	5.5	.3	48	.04	.048	11	15.5	.10	48	.021	<1	.93	.005	.03	.2	.08	.9	.1	.09	5
10+50W 2+75N	4.1	191.0	27.9	54	.2	25.0	7.6	156	4.37	107.4	1.7	151.1	11.1	59	.3	15.2	.3	40	.13	.065	22	22.1	.42	184	.010	<1	2.11	.008	.12	.1	.03	2.9	.3	.06	6
10+50W 2+50N	3.1	133.4	19.8	52	.4	26.6	6.4	142	3.21	163.1	1.7	174.7	5.6	23	.3	3.2	1.0	52	.13	.066	18	22.2	.30	139	.021	<1	1.72	.012	.06	.4	.06	2.6	.2	.10	6
10+50W 2+25N	4.4	169.2	20.8	59	.4	28.0	9.3	208	3.05	367.4	1.7	154.9	6.9	17	.3	3.4	1.4	50	.07	.048	24	22.8	.34	137	.022	2	1.86	.007	.09	.3	.04	3.1	.2	<.05	6
10+50W 2+00N	3.4	139.0	11.4	62	.3	24.1	9.4	297	2.98	329.3	1.3	321.5	4.5	19	.2	1.7	1.3	46	.12	.047	16	20.9	.36	115	.020	1	1.64	.007	.09	.4	.08	2.2	.2	<.05	5
10+50W 1+75N	6.5	136.1	11.6	40	.7	14.8	6.4	447	2.22	234.4	2.2	167.9	1.7	14	.6	2.3	1.2	59	.08	.083	14	17.5	.21	112	.025	2	1.14	.009	.08	.5	.10	1.7	.3	.11	5
10+50W 1+50N	2.6	93.5	24.0	65	.2	14.0	6.8	272	2.25	498.6	2.5	99.2	4.2	13	.3	8.2	1.4	40	.15	.078	23	19.3	.35	91	.022	<1	1.18	.005	.06	.4	.04	2.4	.2	<.05	4
10+50W 1+25N	9.4	412.4	18.6	68	.5	39.4	17.7	416	3.07	1203.0	6.1	523.5	5.2	22	.7	16.8	2.4	125	.41	.206	24	34.0	.40	172	.034	<1	1.35	.011	.14	.7	.08	3.7	.4	.07	5
10+50W 1+00N	4.8	259.4	19.5	71	.3	32.7	19.0	600	2.40	766.8	3.6	191.2	6.2	13	.7	5.3	1.4	78	.19	.111	27	25.0	.36	130	.034	1	1.46	.007	.09	.5	.05	2.4	.2	.06	4
10+50W 0+75N	3.8	138.8	14.0	38	.8	13.1	3.3	237	1.88	695.6	2.3	142.5	.5	26	.3	2.7	1.5	69	.11	.105	15	24.2	.28	191	.021	<1	1.25	.014	.10	.3	.09	1.2	.3	.21	6
10+50W 0+50N	2.9	303.9	23.6	91	.6	25.7	10.6	549	3.29	1058.7	5.6	1185.0	8.7	34	1.1	7.1	4.4	55	.30	.117	32	22.2	.41	219	.039	1	1.20	.009	.11	.9	.04	3.2	.3	<.05	4
10+50W 0+75S	4.5	372.7	17.3	77	.3	29.3	19.3	548	3.52	367.8	2.3	263.5	5.0	33	.6	2.8	2.5	86	.19	.098	21	31.8	.67	254	.109	<1	2.06	.021	.18	.9	.05	4.3	.3	.06	8
10+50W 1+00S	2.2	70.6	9.9	74	.2	25.1	12.1	418	2.90	129.7	1.5	34.1	3.7	30	.2	1.4	1.9	68	.15	.075	18	30.3	.64	254	.092	1	2.09	.012	.16	.8	.04	3.9	.3	<.05	7
10+50W 1+25S	2.1	49.7	8.9	60	.2	21.7	7.6	263	2.50	112.0	1.3	23.3	1.7	27	.3	1.2	1.9	68	.13	.083	14	29.3	.58	236	.079	1	1.81	.011	.09	.6	.07	3.4	.3	.09	7
10+50W 1+50S	2.1	57.4	9.1	78	.2	24.8	19.6	1054	2.91	123.1	1.4	23.8	2.6	34	.4	1.3	2.0	75	.19	.078	17	31.5	.72	340	.091	<1	2.42	.013	.17	.4	.07	4.5	.4	.09	7
STANDARD DS3	9.3	119.6	31.0	159	.3	35.4	10.9	789	3.28	31.4	6.1	22.2	4.1	28	5.8	5.5	5.2	70	.56	.082	18	173.2	.57	139	.082	1	1.67	.037	.16	3.4	.21	3.9	1.2	<.05	6

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
 UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
 - SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 11 2002 DATE REPORT MAILED: July 19/02 SIGNED BY: C. Leong D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data LFA M



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.5	3.1	3.2	45	<.1	4.9	4.0	534	1.89	.7	1.8	1.5	4.7	84	<.1	<.1	.1	39	.54	.085	7	17.7	.54	243	.120	2	1.08	.138	.56	1.5	<.01	7.0	.3	.11	5
10+50W 1+75S	2.1	55.3	8.9	70	.2	24.2	15.3	575	3.23	144.8	1.3	22.5	2.4	29	.2	1.1	1.8	77	.13	.082	14	32.2	.77	282	.105	2	2.46	.017	.19	.3	.06	3.9	.4	.09	8
10+50W 2+00S	2.2	66.3	9.1	76	.3	25.6	11.5	327	3.49	158.3	1.4	24.9	2.7	38	.2	1.0	1.8	84	.16	.088	13	36.2	.88	345	.125	2	2.81	.011	.27	.3	.05	5.1	.4	<.05	9
10+50W 2+25S	2.2	67.5	8.7	74	.3	26.2	10.7	272	3.53	187.9	1.1	30.2	3.3	48	.3	1.1	2.3	71	.14	.085	13	29.0	.71	295	.104	<1	2.42	.018	.21	.3	.04	4.0	.3	.06	7
10+50W 2+50S	2.2	75.2	8.1	72	.3	24.8	10.9	284	3.64	185.3	1.3	30.9	2.4	43	.1	1.2	2.4	79	.13	.090	12	32.6	.80	325	.116	2	2.68	.014	.24	.3	.07	4.5	.3	<.05	9
10+50W 2+75S	1.8	59.7	7.3	69	.3	21.9	8.8	224	3.16	122.4	1.1	24.8	1.6	39	.3	1.0	1.9	77	.17	.092	11	32.6	.73	334	.114	1	2.52	.014	.22	.2	.05	4.3	.3	.07	8
10+50W 3+00S	1.2	28.2	5.4	38	.2	10.7	3.8	93	1.71	50.8	.5	21.4	.5	23	.4	1.1	.8	49	.11	.094	7	20.1	.31	182	.070	2	1.32	.013	.11	.2	.09	2.2	.2	.06	5
10+50W 3+25S	1.8	61.9	8.4	70	.3	26.0	12.1	225	3.92	225.1	1.0	33.9	3.7	48	.2	1.4	2.0	75	.18	.082	15	31.4	.78	363	.123	2	2.63	.016	.25	.5	.03	4.8	.3	<.05	8
10+50W 3+50S	1.5	52.7	5.7	46	.3	15.9	6.6	123	2.66	128.1	1.0	21.5	.7	38	.4	1.3	1.2	55	.15	.115	9	24.6	.46	297	.077	3	1.96	.012	.16	.2	.09	3.3	.3	.06	6
10+50W 3+75S	2.1	91.7	8.0	58	.2	22.4	10.0	198	4.73	410.0	1.2	84.9	4.4	96	.1	1.9	3.1	79	.11	.099	15	30.7	.78	415	.136	1	2.54	.035	.36	.5	.02	5.5	.4	.24	8
10+50W 4+00S	2.0	26.4	6.1	27	.6	8.2	3.6	100	2.94	117.9	.6	49.9	.9	45	.4	1.0	1.2	82	.15	.095	7	28.1	.57	345	.112	1	1.66	.033	.28	.1	.09	3.7	.3	.18	9
10+50W 4+25S	1.6	97.3	8.9	62	.2	29.3	15.1	258	5.28	427.5	.8	57.8	4.2	99	.2	1.5	5.8	56	.16	.101	13	27.3	.73	358	.097	1	2.39	.059	.32	.3	.03	4.2	.3	.40	6
10+50W 4+50S	1.3	72.7	9.7	69	.1	28.8	13.5	345	2.79	74.4	.9	32.8	3.4	20	.3	1.1	1.4	55	.14	.053	13	28.6	.60	176	.080	1	2.32	.010	.11	.4	.04	3.7	.3	<.05	6
10+50W 4+75S	1.3	38.1	20.6	68	.2	21.0	11.6	331	2.83	216.6	2.3	196.3	4.1	48	.2	2.7	5.9	54	.24	.048	21	25.8	.47	237	.053	2	1.94	.013	.06	1.6	.03	3.3	.3	<.05	7
10+50W 5+00S	1.8	103.1	30.0	78	.4	31.2	19.4	422	3.10	669.1	11.7	703.3	4.5	54	.4	3.7	8.4	45	.27	.116	30	23.8	.49	229	.050	1	1.64	.015	.12	3.7	.08	2.8	.2	<.05	5
10+50W 5+50S	2.3	125.0	15.8	71	.4	34.7	24.7	450	5.70	869.9	8.5	238.9	6.9	122	.5	3.2	5.0	52	.23	.152	29	25.4	.63	378	.076	2	2.17	.059	.29	6.1	.05	4.0	.3	.42	7
10+50W 5+75S	2.3	62.7	11.6	54	.5	20.4	8.6	202	3.89	241.7	1.9	81.2	4.7	52	.9	1.7	2.3	70	.18	.074	16	34.4	.72	248	.133	2	2.44	.025	.17	2.5	.09	4.6	.4	.13	9
10+50W 6+00S	1.6	38.6	12.7	52	.2	16.2	8.5	279	3.13	166.5	1.2	38.7	3.7	24	.3	1.3	1.3	70	.09	.051	14	29.3	.52	205	.094	1	2.14	.012	.12	.9	.03	3.3	.3	<.05	9
10+50W 6+25S	1.2	61.1	11.5	69	.2	31.3	16.3	313	3.15	144.3	2.5	46.5	6.7	46	.3	1.3	1.5	54	.17	.051	22	28.6	.64	299	.080	2	2.23	.016	.14	.9	.06	4.2	.3	<.05	6
RE 10+50W 6+25S	1.2	58.6	11.1	66	.2	29.4	15.2	293	3.07	141.4	2.3	132.2	6.4	45	.3	1.3	1.4	52	.16	.048	18	26.8	.60	291	.077	1	2.15	.024	.13	1.1	.04	3.9	.2	.06	6
10+50W 6+50S	1.2	58.7	11.0	69	.2	29.0	15.3	300	3.01	132.6	2.3	55.5	5.7	43	.4	1.4	1.3	52	.18	.051	17	27.2	.63	292	.079	<1	2.04	.016	.13	1.1	.05	3.9	.2	<.05	6
8+50W 0+00S	3.1	266.8	45.6	111	.6	22.6	11.5	678	3.20	1456.0	11.2	812.0	8.7	37	2.0	8.1	5.8	60	.27	.108	29	27.2	.47	207	.050	1	1.32	.008	.10	1.3	.07	3.1	.3	<.05	5
8+50W 0+25S	3.2	251.7	30.8	105	.5	24.8	6.9	312	2.86	526.8	6.7	299.9	4.6	35	.9	5.7	5.0	77	.22	.102	27	33.1	.53	225	.052	2	1.81	.010	.11	.6	.06	3.3	.3	<.05	6
8+50W 0+50S	6.5	332.3	34.7	91	.6	27.0	14.2	701	3.72	835.7	7.4	638.5	8.1	32	1.4	9.6	5.4	79	.24	.110	29	30.3	.46	276	.055	1	1.42	.010	.13	1.2	.06	3.8	.3	<.05	6
8+50W 0+75S	7.2	304.7	22.0	77	.4	27.4	11.5	492	3.63	825.9	4.8	227.9	4.7	27	.6	8.5	3.7	116	.15	.106	19	34.8	.53	212	.071	1	1.61	.013	.14	1.1	.05	3.1	.3	.09	6
8+50W 1+00S	4.4	258.4	19.6	87	.3	30.2	8.3	288	3.28	134.7	2.5	149.7	2.8	23	.5	2.7	1.7	79	.18	.097	18	34.3	.61	196	.072	2	2.30	.009	.08	.8	.06	2.9	.3	.15	7
8+50W 1+25S	4.2	263.3	22.8	95	.4	31.3	10.3	459	3.26	173.1	2.4	119.4	5.0	39	.5	4.3	1.7	79	.23	.096	20	31.2	.68	266	.098	2	1.83	.011	.23	2.1	.06	3.0	.4	<.05	7
8+50W 1+50S	2.3	171.2	12.9	69	.1	21.0	7.5	265	2.85	89.4	1.7	58.9	3.8	27	.2	1.6	1.2	77	.17	.087	17	30.8	.74	419	.113	1	2.02	.009	.21	.5	.05	3.1	.5	.15	8
8+50W 1+75S	1.8	99.0	12.5	61	.1	16.2	5.8	235	2.84	48.8	.9	25.2	2.2	14	.2	1.2	.8	86	.11	.068	12	31.9	.62	184	.098	1	1.93	.011	.09	.5	.03	2.4	.3	.14	8
8+50W 2+00S	1.4	42.4	13.3	55	.1	13.0	4.2	178	2.25	27.4	.8	9.6	1.9	14	.3	1.2	.5	68	.08	.054	11	29.6	.48	125	.072	1	2.06	.008	.06	.4	.05	2.0	.3	<.05	8
8+50W 2+25S	2.6	76.1	14.5	60	.2	18.0	5.8	249	2.46	62.9	1.5	384.5	3.2	20	.2	1.7	.7	68	.13	.082	17	25.9	.60	155	.087	<1	1.75	.012	.12	2.5	.04	2.5	.3	.06	6
8+50W 2+50S	1.7	39.2	11.9	62	.1	17.1	6.1	254	2.59	22.8	.9	5.3	1.5	13	.2	1.4	.3	65	.12	.067	12	31.3	.57	136	.066	1	2.09	.009	.06	.4	.05	2.2	.2	<.05	7
8+50W 2+75S	1.7	53.1	9.5	38	.1	12.5	3.9	135	2.24	70.9	.9	17.5	1.4	13	.2	1.3	2.1	68	.07	.064	11	26.7	.42	93	.100	2	1.56	.010	.07	.9	.05	2.0	.3	.06	8
8+50W 3+00S	1.3	23.7	9.4	45	.1	11.4	4.1	180	2.08	43.1	.5	5.2	2.0	10	.1	.9	.6	59	.06	.034	11	22.6	.37	76	.070	1	1.40	.005	.06	.4	.06	1.8	.2	<.05	7
STANDARD DS3	8.9	124.0	33.7	163	.3	34.7	11.5	795	3.23	32.8	6.3	21.0	4.0	29	5.9	5.3	5.9	75	.53	.088	17	183.2	.59	147	.085	2	1.73	.038	.15	3.7	.23	3.8	1.2	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.3	2.9	3.0	43	<.1	4.7	3.7	477	1.82	.7	1.8	5.6	4.4	90	<.1	<.1	.1	37	.57	.078	8	17.0	.57	214	.122	2	.99	.105	.49	1.2	<.01	5.5	.3	<.05	5
L8+50W 3+25S	2.3	35.3	7.8	40	.1	11.9	4.0	216	2.16	37.3	1.1	14.3	1.8	17	<.1	1.2	.9	83	.13	.061	12	25.1	.47	115	.134	1	1.44	.014	.14	.7	.08	1.9	.3	.07	9
L8+50W 3+50S	1.7	110.9	8.7	75	.1	28.6	9.9	279	2.95	136.1	1.3	67.7	6.2	65	.2	1.3	1.6	55	.33	.058	21	27.1	.64	213	.113	1	1.95	.016	.21	1.4	.02	3.1	.3	<.05	6
L8+50W 3+75S	1.9	97.9	11.9	75	.1	25.5	10.5	342	2.85	85.2	2.6	31.2	6.8	55	.3	1.5	.9	62	.36	.071	25	33.0	.71	253	.128	3	1.78	.022	.23	.7	.03	3.8	.4	<.05	6
L8+50W 4+00S	1.5	74.9	12.6	72	.2	25.6	13.4	286	2.94	95.1	2.0	34.2	7.7	46	.1	2.7	.7	73	.34	.077	24	36.6	.90	374	.162	1	2.34	.017	.39	.7	.02	5.0	.6	<.05	8
L8+50W 4+25S	2.1	72.6	9.9	56	.1	21.0	9.7	257	3.13	155.0	1.3	98.6	4.7	29	<.1	2.0	2.6	80	.15	.040	19	29.4	.70	253	.150	2	2.29	.014	.24	.7	.01	4.0	.4	<.05	7
L8+50W 4+50S	2.1	32.3	10.9	27	.1	7.9	3.1	141	2.51	105.4	1.0	9.7	2.9	19	.1	.9	.9	85	.12	.041	16	28.7	.46	235	.137	2	1.81	.010	.17	.4	.07	3.2	.4	.07	9
L8+50W 4+75S	2.3	66.6	14.4	77	.2	24.7	11.1	486	3.57	435.9	1.5	54.5	4.7	33	.2	1.6	2.5	92	.14	.063	20	36.7	.81	288	.160	3	2.85	.014	.24	.9	.04	4.5	.5	.06	10
L8+50W 5+00S	1.5	77.3	25.8	93	.5	34.6	17.2	404	2.89	376.1	3.9	314.0	7.6	72	.4	2.2	5.8	53	.47	.116	30	27.0	.59	273	.075	1	2.08	.017	.17	2.6	.07	3.3	.3	<.05	6
L8+50W 5+25S	2.1	89.1	23.5	100	.3	35.1	19.1	572	3.62	545.0	4.3	131.1	5.7	57	.6	2.1	5.0	93	.32	.090	25	37.8	.95	447	.149	1	3.40	.019	.26	.6	.04	5.3	.5	.08	10
L8+50W 5+50S	1.7	33.5	12.6	55	.2	16.7	7.6	271	3.12	191.8	1.3	17.2	4.3	30	.3	1.1	1.4	86	.19	.053	17	30.9	.64	299	.129	1	2.33	.012	.14	.5	.04	4.0	.4	.07	9
L8+50W 5+75S	1.2	21.9	12.4	46	.1	16.2	8.2	253	2.61	91.8	.9	18.3	4.5	22	.6	1.0	1.0	62	.16	.030	16	25.6	.54	210	.105	1	1.82	.008	.10	.3	.05	3.0	.2	<.05	7
L8+50W 6+00S	1.2	21.4	11.0	39	.1	12.2	4.6	155	2.57	66.8	1.2	7.1	4.2	20	.1	.9	.7	85	.15	.022	18	27.1	.52	223	.131	2	1.87	.008	.10	.3	.04	3.1	.3	<.05	9
L8+50W 6+25S	1.4	17.5	12.5	45	.1	12.1	5.2	214	3.05	56.3	.8	6.9	3.9	22	.3	1.0	.6	74	.16	.036	17	28.7	.55	218	.121	<.1	1.99	.008	.10	.3	.04	3.2	.2	<.05	9
L8+50W 6+50S	1.8	23.1	11.1	36	.2	11.2	4.5	159	2.61	48.9	1.0	4.5	3.5	44	.2	1.0	.7	76	.26	.041	16	26.2	.50	358	.142	<.1	1.91	.011	.13	.3	.04	3.8	.3	.06	11
L5+00W 7+50N	1.1	16.6	8.7	25	1.3	5.6	1.2	144	.54	33.6	.7	13.6	<.1	14	.3	2.2	.3	12	.11	.102	5	6.4	.04	127	.008	2	.36	.006	.05	.1	.18	.9	.1	.11	1
RE L5+00W 5+00N	2.1	41.8	30.1	57	.2	13.6	7.2	397	2.62	298.5	2.3	76.6	5.9	23	.2	9.7	1.2	40	.17	.070	25	22.4	.36	124	.028	1	1.30	.004	.06	.4	.05	2.1	.3	<.05	4
L5+00W 7+25N	1.9	32.1	17.5	27	.6	10.9	2.6	69	1.29	177.0	.9	22.5	.2	15	.2	7.4	.7	30	.08	.092	11	13.6	.15	89	.015	1	.94	.010	.06	.2	.08	.9	.2	.12	4
L5+00W 6+75N	3.5	177.3	27.4	45	1.0	18.7	4.9	104	2.66	606.5	3.1	161.3	1.2	16	.2	17.7	1.8	43	.07	.098	31	23.8	.36	149	.008	3	1.78	.009	.09	.4	.11	1.9	.4	.08	6
L5+00W 6+50N	1.8	21.4	11.2	26	.3	7.3	2.4	95	1.44	231.7	.7	42.6	1.7	10	.1	6.5	.7	39	.05	.035	17	13.5	.14	66	.018	2	.74	.005	.05	.2	.06	1.1	.2	<.05	5
L5+00W 6+25N	2.7	66.2	20.9	42	.8	14.0	3.8	111	2.25	583.6	1.6	245.8	3.3	15	.4	15.2	1.9	35	.05	.050	28	17.5	.19	93	.013	1	.88	.006	.07	.3	.07	1.4	.3	.06	5
L5+00W 6+00N	1.6	76.6	17.5	63	.3	20.0	6.0	224	2.49	443.5	1.6	86.3	5.2	15	.3	10.1	.8	40	.13	.051	25	21.3	.37	101	.030	1	1.14	.006	.06	.6	.06	1.9	.2	<.05	3
L5+00W 5+50N	2.5	49.8	22.9	49	.7	13.1	9.5	444	2.46	504.3	3.5	60.7	1.7	26	.3	14.2	1.3	41	.15	.095	25	22.6	.36	185	.030	1	1.40	.006	.08	.3	.11	2.0	.3	.06	5
L5+00W 5+25N	1.6	45.2	34.4	72	.3	10.8	5.2	492	2.50	689.9	13.1	173.2	17.9	49	.2	96.4	2.6	30	.32	.110	68	21.7	.34	162	.037	1	1.27	.004	.13	.2	.15	5.2	.3	<.05	5
L5+00W 5+00N	1.9	40.8	28.7	56	.2	12.7	7.0	387	2.46	287.9	2.3	74.0	5.0	23	.2	9.8	1.1	40	.15	.069	26	21.2	.35	118	.034	<.1	1.26	.004	.06	.4	.05	2.2	.3	<.05	5
L5+00W 4+75N	2.0	74.8	32.0	69	.3	9.7	5.8	339	3.01	1077.5	10.5	199.4	22.1	66	.5	14.8	9.6	39	.59	.144	64	27.5	.51	319	.055	1	1.72	.005	.28	.1	.15	5.5	.4	<.05	7
L5+00W 4+50N	1.6	28.8	12.6	46	.3	11.0	4.5	202	1.85	168.6	2.5	42.2	4.6	24	.2	4.3	1.4	31	.16	.076	23	18.5	.34	138	.034	1	.99	.004	.06	.4	.05	1.9	.2	<.05	4
L5+00W 4+25N	2.7	55.4	23.9	51	.7	12.2	21.7	1032	2.08	155.2	3.6	44.6	1.5	33	.9	5.1	1.6	32	.17	.110	25	18.9	.26	238	.015	2	1.10	.006	.07	.3	.10	1.8	.5	.08	4
L5+00W 4+00N	2.4	78.4	22.2	63	.2	15.9	8.7	598	2.89	135.1	3.0	49.7	2.8	20	.2	4.7	1.3	45	.18	.077	25	26.6	.44	149	.026	3	1.73	.010	.07	.3	.07	2.0	.4	<.05	6
L5+00W 3+75N	2.2	60.9	20.6	66	.3	16.3	9.0	760	2.53	116.0	2.9	58.2	4.6	30	.3	4.9	1.6	42	.20	.068	29	24.1	.46	186	.031	1	1.67	.006	.09	.4	.10	2.7	.3	<.05	6
L5+00W 3+50N	3.5	84.4	24.8	74	.4	17.8	21.5	938	3.24	272.1	2.7	72.4	3.0	17	.1	3.4	1.7	49	.13	.068	25	28.4	.45	150	.028	3	1.76	.006	.07	.6	.07	2.5	.4	<.05	6
L5+00W 3+25N	3.1	212.1	24.7	88	.7	24.9	8.9	345	2.93	327.7	2.8	118.0	4.0	32	.8	3.6	2.0	44	.26	.073	34	27.1	.46	263	.033	1	2.10	.006	.12	1.5	.07	2.9	.4	<.05	7
L5+00W 3+00N	4.4	348.9	48.2	123	1.1	29.6	7.7	339	3.99	1013.8	5.9	267.4	6.0	26	.6	6.2	6.2	50	.14	.090	43	33.3	.51	211	.024	1	2.61	.007	.13	1.6	.10	4.1	.4	<.05	9
L5+00W 2+75N	1.9	115.0	22.7	76	.4	17.1	5.0	177	2.24	307.0	1.8	122.4	4.6	24	.5	2.8	3.5	37	.19	.056	24	21.8	.43	145	.039	<.1	1.36	.005	.09	1.2	.02	2.2	.2	<.05	5
STANDARD DS3	9.2	125.9	34.3	162	.3	35.1	12.0	778	3.30	31.8	6.0	21.8	4.2	34	5.8	6.1	5.9	75	.56	.082	18	187.0	.60	149	.100	3	1.78	.038	.17	3.6	.23	3.7	1.2	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.4	2.9	2.9	41	<.1	4.0	3.5	478	1.88	1.5	1.9	4.6	4.4	71	<.1	<.1	.1	36	.56	.080	8	15.8	.55	218	.120	1	.92	.127	.48	1.3	<.01	4.8	.3	<.05	5
L5+00W 2+50N	1.5	82.9	26.6	61	.4	12.6	5.1	234	2.17	295.1	2.6	164.8	2.6	13	.5	3.1	2.2	36	.11	.050	20	19.6	.30	85	.025	1	1.12	.006	.06	1.5	.04	1.5	.2	<.05	5
L5+00W 2+25N	1.5	99.3	28.3	85	.4	17.5	7.4	388	2.46	521.0	5.0	216.7	9.4	31	.8	3.2	3.9	40	.24	.079	32	22.3	.39	137	.042	1	1.10	.006	.08	1.8	.08	2.8	.2	<.05	4
L5+00W 2+00N	1.3	101.2	47.4	91	.4	14.9	8.2	471	2.36	420.3	4.5	334.0	8.3	32	.8	3.9	3.7	36	.19	.066	30	22.4	.43	139	.039	1	1.27	.005	.10	1.1	.03	2.7	.2	<.05	5
L5+00W 1+75N	1.3	33.0	16.9	50	.2	12.7	6.0	286	2.63	65.7	.8	16.1	2.5	9	.2	1.5	.6	44	.08	.041	14	23.2	.37	76	.031	<1	1.66	.005	.04	.4	.05	2.1	.2	<.05	5
L5+00W 1+50N	2.4	160.3	35.6	86	.6	18.3	5.2	194	2.67	511.4	4.7	124.6	2.2	19	.5	5.5	3.4	43	.12	.066	25	26.0	.45	189	.020	1	1.79	.007	.06	.9	.04	2.2	.3	<.05	6
L5+00W 1+25N	2.2	105.8	34.4	68	.6	14.9	11.5	792	2.54	324.3	3.5	81.5	1.5	19	.4	5.6	2.2	41	.11	.072	21	24.4	.40	174	.021	1	1.76	.006	.05	.7	.05	2.5	.3	<.05	6
L5+00W 1+00N	2.6	134.2	24.7	76	.4	20.2	5.9	251	2.66	291.5	3.7	62.7	1.8	16	.3	4.9	1.8	45	.12	.067	23	26.0	.49	151	.024	1	1.68	.008	.07	.7	.05	2.1	.2	.06	5
L5+00W 0+75N	2.1	165.5	35.8	97	.6	26.1	9.7	457	2.59	336.1	4.6	135.8	6.1	25	.8	7.7	2.5	47	.20	.086	31	26.7	.50	205	.043	2	1.82	.008	.12	.8	.04	3.6	.2	<.05	6
L5+00W 0+50N	2.8	206.3	18.6	78	.6	25.5	7.6	230	2.95	351.4	4.1	76.9	2.9	19	.4	3.5	1.9	50	.17	.086	26	26.4	.49	190	.031	3	1.74	.009	.08	.6	.04	2.7	.3	<.05	6
L5+00W 0+25N	3.5	148.6	19.5	73	.5	19.9	7.3	259	3.02	398.2	3.2	122.8	5.3	23	.4	6.1	1.5	45	.17	.080	28	24.3	.41	141	.032	2	1.42	.010	.08	.8	.05	2.4	.2	<.05	5
L5+00W 0+00N	4.2	286.5	22.8	124	.8	31.8	8.8	311	3.30	520.0	3.1	189.2	4.6	23	.3	14.1	2.7	44	.17	.092	26	23.8	.38	203	.011	2	1.53	.009	.08	.7	.12	3.2	.3	.06	5
L4+50W 7+50N	2.1	28.7	11.8	35	.5	9.3	3.7	138	2.24	235.5	1.0	22.5	.9	7	.1	4.1	.6	54	.05	.053	13	20.0	.21	75	.016	1	1.31	.007	.04	.2	.08	1.3	.3	<.05	6
L4+50W 7+25N	3.9	175.6	50.7	68	.5	24.0	9.7	340	3.21	811.4	2.9	106.2	1.0	15	.3	22.7	1.2	59	.12	.094	21	27.7	.52	136	.021	1	1.91	.010	.08	.4	.04	1.8	.3	.08	7
L4+50W 7+00N	2.6	67.9	19.3	46	.3	15.4	5.8	224	2.72	488.3	1.4	60.2	1.5	11	.2	10.9	.7	50	.08	.048	17	23.5	.36	105	.024	2	1.57	.007	.05	.3	.06	2.2	.2	<.05	6
L4+50W 6+75N	3.0	37.5	15.9	46	.3	13.9	4.3	224	2.99	383.3	1.3	32.3	1.3	11	.1	10.5	1.0	61	.06	.045	18	24.2	.27	73	.026	2	1.55	.007	.06	.3	.06	1.6	.3	<.05	7
L4+50W 6+50N	2.3	103.1	19.1	54	.5	16.7	6.7	190	2.90	792.8	2.3	192.8	2.8	12	.3	9.4	2.6	40	.09	.066	26	22.7	.31	93	.010	2	1.69	.007	.06	.3	.06	1.9	.3	<.05	5
L4+50W 6+25N	1.9	60.1	36.1	51	.7	15.7	5.6	188	2.44	597.8	1.6	190.7	6.1	13	.3	22.5	1.3	35	.12	.050	26	19.1	.29	91	.016	1	1.08	.006	.06	.7	.15	1.9	.4	<.05	3
L4+50W 6+00N	2.4	119.9	30.1	50	.9	16.2	5.2	150	2.74	1146.0	2.1	313.9	3.4	15	.4	32.4	2.8	30	.10	.062	28	18.2	.28	107	.015	1	1.14	.006	.07	.4	.11	1.8	.3	.07	4
L4+50W 5+75N	.8	168.5	30.8	73	.6	11.4	10.2	730	2.65	876.1	4.9	344.0	16.7	56	.4	10.8	5.3	28	.48	.099	51	22.9	.87	280	.033	2	2.72	.007	.27	.1	.07	5.1	.5	<.05	9
L4+50W 5+50N	4.1	96.7	30.7	55	1.3	17.2	6.0	230	2.47	691.8	5.0	167.2	1.7	30	.3	20.1	2.6	37	.19	.113	30	21.8	.32	271	.008	<1	1.45	.008	.09	.2	.20	1.9	.4	.08	6
L4+50W 5+25N	1.6	27.9	15.6	36	.2	8.6	3.1	143	1.79	376.4	1.5	59.8	4.0	11	.2	7.7	1.4	38	.07	.028	16	16.9	.21	63	.055	2	.65	.007	.06	.3	.03	1.5	.1	<.05	4
RE L4+50W 5+25N	1.6	27.5	14.7	39	.2	9.0	3.2	147	1.83	382.2	1.5	101.2	4.1	11	.1	7.6	1.5	38	.07	.029	16	16.5	.21	64	.056	2	.66	.006	.06	.3	.04	1.6	.1	<.05	5
L4+50W 5+00N	1.9	47.9	27.9	69	.3	13.9	8.9	578	2.47	438.8	4.8	256.8	6.2	24	.4	13.2	1.6	37	.17	.078	33	20.6	.32	151	.032	1	1.17	.006	.07	.4	.04	2.3	.2	<.05	4
L4+50W 4+75N	2.3	42.3	20.2	52	.1	11.2	12.4	1040	2.49	351.2	3.7	41.5	2.3	16	.1	6.0	2.2	42	.11	.073	20	22.8	.36	150	.033	1	1.46	.006	.06	.3	.03	2.3	.3	<.05	6
L4+50W 4+50N	2.7	38.3	17.9	51	.2	13.2	5.3	345	2.51	355.2	2.3	42.8	2.9	15	.1	6.6	1.3	38	.12	.059	21	21.5	.36	120	.025	1	1.27	.006	.05	.4	.04	1.9	.3	<.05	5
L4+50W 4+25N	1.4	32.7	15.8	54	.2	12.0	4.9	228	2.12	198.5	2.8	371.0	7.1	36	.1	5.3	1.5	31	.21	.089	25	21.0	.38	111	.036	2	1.27	.006	.07	.5	.04	3.1	.2	<.05	4
L4+50W 4+00N	2.8	70.3	22.8	51	.4	12.7	5.3	289	2.46	176.0	2.8	104.4	3.6	18	.2	6.6	1.6	36	.09	.061	26	20.7	.31	153	.021	2	1.22	.007	.07	.4	.10	2.2	.4	.07	5
L4+50W 3+75N	1.2	62.1	19.3	62	.1	17.0	6.0	145	2.30	83.7	2.1	99.6	10.0	17	.2	27.3	1.6	35	.19	.088	28	20.2	.36	98	.041	<1	1.16	.005	.06	.7	.06	2.8	.2	<.05	4
L4+50W 3+50N	2.8	107.0	24.6	70	.4	18.5	9.2	331	2.81	152.0	3.5	80.6	3.4	17	.2	3.4	1.4	42	.12	.070	28	24.6	.44	168	.023	1	1.68	.008	.07	.4	.06	2.5	.4	.06	6
L4+50W 3+25N	1.7	73.9	15.0	67	.2	17.2	8.4	353	2.19	102.8	1.9	122.9	6.1	11	.2	2.8	.7	35	.12	.054	22	19.6	.41	99	.039	<1	1.20	.006	.06	.8	.04	2.5	.1	<.05	4
L4+50W 3+00N	2.7	143.4	19.0	74	.3	20.7	8.5	338	2.72	200.0	2.3	117.2	5.1	13	.3	3.9	1.4	38	.11	.068	26	22.4	.40	140	.034	1	1.54	.008	.10	1.3	.05	2.6	.3	<.05	5
L4+50W 2+75N	1.8	89.7	16.9	73	.3	21.5	8.8	421	2.73	194.6	3.0	346.1	7.4	16	.4	3.4	1.4	44	.17	.076	29	23.6	.43	174	.044	1	1.43	.007	.08	1.6	.05	3.3	.2	<.05	4
L4+50W 2+50N	3.0	220.5	51.4	148	.2	22.4	9.4	531	2.98	604.5	8.2	229.1	12.6	20	1.2	6.0	1.8	30	.17	.061	42	20.0	.31	145	.028	<1	1.38	.005	.10	1.0	.02	4.1	.3	<.05	5
STANDARD DS3	8.9	123.0	34.0	161	.3	34.1	12.1	786	3.31	32.2	6.9	23.2	4.1	30	5.7	6.0	5.9	73	.52	.081	18	176.1	.59	142	.094	2	1.75	.036	.16	3.6	.21	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.3	3.5	2.9	40	<.1	3.6	3.4	476	1.85	2.0	2.0	3.1	4.2	77	<.1	.1	.2	38	.54	.084	7	16.7	.56	210	.114	1	.87	.086	.48	1.6	<.01	3.3	.3	<.05	4
L4+50W 2+25N	2.7	282.6	57.3	125	.9	20.0	6.0	277	2.90	551.5	3.6	278.7	4.8	32	.7	3.8	4.6	39	.20	.081	36	27.8	.50	212	.030	<1	1.86	.008	.11	1.9	.05	3.4	.3	<.05	6
L4+50W 2+00N	3.2	321.3	36.9	105	.7	22.6	10.0	396	3.16	685.1	3.9	329.8	8.3	21	.9	5.2	3.4	42	.16	.068	35	26.8	.47	175	.039	1	1.67	.005	.16	1.9	.04	3.6	.4	<.05	6
L4+50W 1+75N	1.9	182.1	81.0	166	.6	16.6	8.3	644	2.80	450.3	6.3	351.4	12.3	49	1.4	3.8	5.4	36	.24	.078	46	29.4	.54	201	.040	2	1.96	.006	.19	1.2	.03	4.1	.4	<.05	7
L4+50W 1+50N	2.7	223.6	27.4	79	.7	20.8	8.4	286	2.76	440.2	3.0	191.9	4.0	15	.4	3.5	4.2	39	.11	.073	27	25.0	.42	168	.026	2	1.66	.008	.09	1.7	.05	2.7	.3	<.05	5
L4+50W 1+25N	2.9	217.7	29.9	88	.6	20.1	6.8	286	2.69	479.1	3.4	143.0	2.8	19	.4	5.4	4.0	40	.14	.082	30	25.5	.43	225	.021	<1	1.70	.007	.08	1.6	.06	2.6	.3	<.05	6
L4+50W 1+00N	2.9	187.0	29.0	95	.4	23.5	9.7	455	2.69	326.5	3.5	128.0	10.0	19	.7	7.8	3.3	39	.19	.075	30	23.1	.45	170	.049	<1	1.33	.008	.09	1.4	.03	3.7	.2	<.05	5
L4+50W 0+75N	3.3	161.7	25.8	77	.6	21.0	8.1	295	2.80	309.1	3.9	105.4	3.0	19	.3	3.6	2.1	43	.14	.075	25	25.6	.47	167	.025	1	1.64	.007	.07	.9	.07	2.7	.3	<.05	5
L4+50W 0+50N	5.2	240.4	29.4	92	1.1	27.4	9.7	292	3.78	678.8	4.3	170.8	5.5	25	.5	5.8	3.2	46	.13	.086	27	27.6	.45	187	.031	1	1.71	.011	.08	.9	.05	3.0	.2	<.05	6
L4+50W 0+25N	3.0	280.9	19.3	41	1.3	17.4	4.7	124	2.60	534.4	7.3	128.1	1.0	16	.2	3.8	3.5	40	.07	.101	21	24.5	.30	134	.018	1	1.62	.009	.06	.7	.10	2.0	.2	.09	6
L4+50W 0+00N	2.1	120.6	15.1	63	.3	19.5	6.2	165	2.18	264.6	2.5	51.8	3.4	16	.4	2.4	.9	36	.10	.048	16	18.8	.38	121	.032	<1	1.08	.006	.06	.4	.04	2.1	.2	<.05	4
L4+00S 0+25E	3.3	437.8	35.0	80	.7	28.8	24.2	529	3.22	1151.4	10.1	1305.0	13.4	43	.7	4.6	15.5	34	.36	.097	43	22.5	.57	181	.022	1	1.68	.008	.16	.8	.04	4.1	.3	<.05	6
L4+00S 0+50E	10.7	672.7	38.2	91	1.0	42.4	19.7	615	5.33	992.8	12.0	391.2	12.5	24	.4	5.6	5.6	51	.19	.159	27	32.2	.65	123	.054	1	2.17	.012	.21	2.3	.06	4.5	.4	.12	7
L4+00S 0+75E	4.5	323.8	21.8	77	.4	31.4	11.7	341	3.20	770.8	4.8	247.8	8.0	27	.3	3.2	6.0	43	.17	.087	24	24.4	.45	97	.044	<1	1.29	.007	.09	3.4	.04	2.9	.2	<.05	5
L4+00S 1+25E	6.3	316.2	37.2	87	.5	26.5	9.7	358	4.43	237.7	3.6	312.8	5.9	20	.3	7.0	2.2	40	.11	.096	23	23.1	.38	75	.018	2	1.28	.011	.09	1.4	.05	2.6	.3	.07	4
L4+00S 1+50E	7.1	476.3	63.5	96	.8	31.1	18.3	557	6.90	264.8	6.7	347.3	10.4	42	.5	5.1	2.0	45	.12	.185	28	27.5	.47	111	.035	2	1.67	.025	.13	1.6	.08	4.6	.3	.18	6
L4+00S 1+75E	4.2	370.0	43.2	134	.4	49.1	31.3	624	4.67	225.5	5.2	1181.6	11.2	38	.5	4.7	1.7	40	.17	.123	29	23.5	.42	109	.035	2	1.50	.010	.11	1.4	.06	3.9	.3	.10	5
L4+00S 2+25E	5.1	270.5	43.3	90	1.3	20.1	8.3	358	3.79	188.3	3.0	594.1	5.8	29	.2	5.4	3.0	43	.06	.083	26	23.8	.30	96	.010	2	1.52	.007	.10	.7	.08	2.4	.4	.11	6
L4+00S 2+50E	3.7	215.9	32.2	76	.3	25.4	8.4	271	3.08	193.8	3.6	273.7	5.2	30	.4	5.8	2.5	35	.15	.078	23	26.6	.41	96	.020	2	1.31	.006	.08	.9	.05	2.6	.3	<.05	4
L4+00S 2+75E	3.8	323.0	38.8	101	.6	34.0	15.3	362	3.58	394.3	4.2	1509.4	7.5	22	.4	8.8	4.5	33	.13	.044	30	24.0	.46	93	.021	<1	1.27	.006	.08	1.1	.10	3.0	.3	<.05	5
L4+00S 3+25E	2.3	309.7	40.6	113	.6	35.5	22.2	567	3.73	153.4	7.2	616.2	7.1	26	.5	4.5	2.9	40	.13	.079	35	28.0	.50	174	.038	1	1.71	.008	.14	.9	.03	3.4	.4	<.05	5
L4+00S 3+50E	3.1	351.1	46.6	90	.7	31.9	8.8	277	3.21	94.9	5.8	342.3	1.3	26	.4	2.7	1.8	38	.08	.088	24	24.1	.44	104	.019	<1	1.84	.008	.08	.5	.10	1.7	.3	.09	5
L4+00S 3+75E	2.9	302.5	45.9	113	.7	34.1	21.2	624	3.62	128.3	5.6	1090.2	4.3	64	.2	5.2	2.8	41	.12	.081	28	24.8	.46	151	.028	<1	1.75	.009	.11	1.5	.07	2.6	.4	.08	6
L4+00S 4+25E	2.1	589.9	37.7	111	.7	62.2	23.1	434	4.01	109.9	4.6	686.2	12.5	42	.5	3.2	1.3	37	.11	.085	36	22.1	.56	302	.085	<1	2.50	.012	.36	1.4	.04	4.8	.8	.09	7
RE L4+00S 4+25E	2.1	586.0	37.9	110	.8	63.4	22.9	419	4.14	111.0	4.8	1299.1	12.1	44	.5	3.1	1.1	39	.11	.086	37	22.6	.58	303	.084	1	2.55	.012	.37	1.3	.05	4.8	.9	.07	8
L4+00S 4+50E	2.8	572.0	41.0	82	.6	35.6	27.3	427	4.66	165.6	5.3	1077.9	12.1	19	.2	7.8	1.4	35	.04	.072	29	23.1	.39	151	.038	<1	1.60	.018	.21	3.2	.07	4.6	.6	.10	6
L4+00S 4+75E	5.2	506.7	46.8	65	.8	21.6	8.4	243	4.91	221.6	3.9	929.0	15.7	15	.2	8.3	1.3	37	.02	.066	32	25.8	.35	133	.028	1	1.73	.011	.22	.5	.04	5.1	.6	.07	7
L3+00W 7+50N	2.9	46.9	23.0	39	.3	12.5	3.8	168	2.52	656.6	1.4	67.8	2.3	13	.2	11.2	.8	53	.08	.043	14	19.0	.26	93	.020	1	1.29	.006	.04	.4	.05	1.5	.2	<.05	5
L3+00W 7+25N	7.7	53.3	32.9	30	1.8	7.4	2.2	134	2.20	1442.5	2.4	494.5	1.1	18	.2	14.6	3.5	54	.07	.080	31	12.6	.08	123	.010	1	.67	.009	.08	.2	.10	1.1	.5	.19	5
L3+00W 7+00N	2.9	45.0	15.2	40	.4	12.1	3.9	171	2.55	653.1	1.5	78.9	1.6	9	.1	12.3	1.0	42	.04	.047	16	18.5	.29	78	.014	<1	1.06	.005	.04	.2	.03	1.3	.2	.08	4
L3+00W 6+75N	2.2	31.3	22.3	36	.6	12.3	4.7	178	2.66	607.6	1.0	130.1	3.6	11	.2	8.4	.9	42	.05	.040	17	19.6	.26	65	.019	1	1.07	.004	.04	.6	.07	1.7	.2	.06	4
L3+00W 6+50N	4.0	79.8	33.8	60	.5	16.3	5.7	168	3.17	817.6	3.8	262.0	7.8	24	.3	15.6	2.2	34	.13	.081	40	20.0	.29	97	.015	<1	1.15	.007	.08	.4	.08	2.3	.3	.10	4
L3+00W 6+25N	4.1	70.5	32.5	55	.7	15.9	5.9	189	2.95	948.6	4.5	285.0	5.1	18	.4	28.6	3.3	37	.11	.071	36	22.1	.33	135	.019	1	1.23	.005	.08	.4	.11	2.3	.3	.06	4
L3+00W 6+00N	4.4	76.2	43.5	38	.8	11.1	3.5	102	2.41	721.7	2.9	332.4	4.7	22	.2	45.3	3.5	30	.09	.057	34	16.8	.19	159	.012	1	.92	.006	.06	.3	.12	2.2	.3	.08	4
STANDARD DS3	9.2	124.8	34.4	157	.3	35.2	11.5	775	3.21	32.8	6.8	22.4	3.9	29	5.9	5.6	6.0	70	.53	.092	17	180.8	.59	144	.082	1	1.75	.036	.16	4.0	.22	3.8	1.2	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ACME ANALYTICAL

ASC Industries Ltd. PROJECT ICE CLAIMS FILE # A202223

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ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.4	3.4	3.1	42	<.1	3.7	3.9	466	1.84	2.1	2.0	4.6	4.3	71	<.1	.1	.2	37	.50	.080	9	15.9	.50	201	.120	<1	.95	.093	.45	1.5	<.01	4.9	.3	<.05	5
L3+00W 5+75N	5.1	88.1	47.2	43	.8	16.9	4.0	141	2.93	738.1	2.6	156.1	7.0	27	.2	16.8	2.1	41	.10	.056	33	22.0	.33	220	.026	1	1.55	.009	.11	.2	.09	2.6	.3	.09	6
L3+00W 5+50N	3.5	83.3	39.5	44	1.9	16.8	13.4	395	2.54	539.8	3.6	89.7	.5	29	.8	8.0	1.4	38	.15	.151	25	21.0	.22	511	.007	1	1.62	.006	.08	.3	.21	2.0	.5	.15	5
L3+00W 5+25N	3.5	77.9	75.5	56	.7	16.8	19.1	996	4.45	687.6	3.9	90.8	2.4	18	.2	12.1	1.3	49	.10	.100	26	26.7	.39	142	.026	1	1.83	.006	.07	.4	.12	2.7	.8	.08	6
L3+00W 5+00N	1.8	40.9	14.2	47	.2	14.2	4.5	143	2.10	108.8	1.7	23.7	1.7	20	.2	1.9	.7	39	.10	.068	23	22.5	.35	136	.024	1	1.34	.006	.06	.4	.03	1.9	.2	<.05	4
L3+00W 4+75N	2.6	62.5	17.8	53	.4	16.6	4.8	130	2.11	173.2	2.7	89.7	2.4	17	.2	2.5	1.5	41	.13	.070	23	26.5	.41	136	.028	1	1.60	.007	.06	.4	.06	2.3	.3	<.05	5
L3+00W 4+50N	3.1	88.3	25.7	62	.4	17.4	4.8	157	3.10	272.9	3.3	69.8	3.5	15	.2	4.3	1.7	45	.07	.072	31	26.8	.40	145	.013	<1	1.77	.007	.07	.4	.08	2.6	.4	<.05	6
L3+00W 4+25N	2.9	73.1	28.1	66	.4	18.7	6.6	254	2.82	201.5	3.8	83.6	4.5	25	.3	4.8	1.5	43	.13	.076	34	25.6	.40	174	.028	2	1.75	.008	.09	.3	.07	2.5	.3	<.05	6
L3+00W 4+00N	3.8	135.5	32.0	72	.6	18.3	6.2	244	2.99	245.1	4.0	221.4	6.6	28	.4	9.3	2.1	37	.14	.073	42	23.3	.32	193	.022	1	1.68	.009	.12	.4	.16	3.1	.5	.08	6
L3+00W 3+75N	3.1	168.0	31.5	81	.3	17.4	11.4	296	3.08	214.9	4.2	144.2	15.4	22	.4	11.3	2.0	29	.11	.057	50	19.7	.25	129	.021	<1	1.16	.005	.12	.3	.09	3.6	.5	<.05	4
L3+00W 3+50N	2.6	140.1	63.0	137	.3	21.1	10.7	815	3.28	198.6	6.1	138.6	13.4	20	.5	12.8	1.3	32	.14	.079	50	19.7	.26	134	.019	2	1.30	.005	.09	.4	.15	4.4	.5	<.05	4
RE L3+00W 3+50N	2.5	137.4	62.2	137	.3	19.8	10.3	816	3.36	198.6	6.2	212.1	13.9	20	.7	12.7	1.2	31	.16	.077	50	19.8	.26	138	.018	1	1.30	.005	.09	.3	.18	4.8	.5	<.05	4
L3+00W 3+25N	2.2	100.4	18.0	59	.2	18.6	6.9	233	2.65	128.5	1.4	175.6	5.5	14	.3	3.3	.9	37	.10	.055	27	21.6	.34	118	.033	1	1.34	.006	.08	.6	.06	2.2	.3	<.05	4
L3+00W 3+00N	4.2	174.9	28.7	65	.4	12.1	6.0	164	2.90	210.2	2.7	193.5	15.1	20	.1	7.6	1.2	27	.13	.039	46	17.4	.28	122	.010	<1	1.38	.005	.12	.2	.02	3.4	.4	<.05	5
L3+00W 2+75N	1.2	87.4	22.7	78	.2	18.0	8.7	633	2.83	104.9	4.8	130.9	16.4	42	.4	2.2	1.0	38	.28	.088	53	24.6	.49	308	.056	<1	1.84	.009	.19	.5	.02	4.4	.3	<.05	6
L3+00W 2+50N	2.2	87.3	16.4	49	.3	13.7	4.6	127	2.06	101.2	1.6	56.8	1.0	14	.3	2.5	1.0	36	.09	.070	20	20.7	.24	162	.018	2	1.25	.007	.05	.4	.06	1.7	.3	<.05	6
L3+00W 2+25N	2.6	146.6	28.9	102	.4	29.0	11.2	343	3.19	245.6	1.8	193.0	7.0	13	.5	5.4	2.3	44	.13	.072	28	25.5	.40	126	.046	2	1.57	.006	.09	.7	.08	2.5	.3	<.05	5
L3+00W 2+00N	1.5	27.1	18.3	37	.2	9.8	3.6	132	1.94	51.0	.7	25.2	.8	9	.1	1.9	.6	45	.05	.055	11	19.4	.17	72	.027	<1	.98	.005	.04	.2	.05	1.4	.1	<.05	5
L3+00W 1+75N	1.2	33.5	9.0	19	.5	5.2	1.4	34	.87	24.8	.6	30.5	.2	8	.2	.9	.3	17	.05	.116	7	10.1	.04	82	.010	1	.69	.007	.04	.2	.12	.6	.1	.16	2
L3+00W 1+50N	2.8	126.1	22.9	51	1.0	15.7	4.4	99	2.23	180.7	1.9	71.4	.9	14	.3	3.0	1.6	35	.12	.098	19	20.4	.25	159	.014	1	1.38	.008	.07	.8	.09	1.8	.2	.09	5
L3+00W 1+25N	4.2	253.1	31.6	88	.8	24.5	10.6	323	3.06	343.7	2.7	138.1	4.1	24	.5	4.7	2.2	40	.16	.082	30	26.0	.40	229	.022	1	1.93	.008	.13	2.6	.07	2.7	.3	<.05	6
L3+00W 1+00N	2.1	146.8	16.1	79	.2	23.5	8.8	300	2.53	132.7	1.3	168.1	7.0	12	.4	3.4	1.0	36	.13	.057	22	19.4	.32	89	.042	1	1.17	.006	.08	2.1	.03	2.2	.2	<.05	4
L3+00W 0+75N	3.7	185.2	20.5	61	.6	19.1	5.1	141	2.69	158.0	1.9	94.2	1.4	17	.4	2.6	1.3	40	.12	.090	20	23.0	.31	127	.022	2	1.48	.008	.08	4.1	.11	2.0	.2	.09	5
L3+00W 0+50N	2.7	212.2	25.8	90	.4	24.0	9.3	316	3.28	331.9	2.4	300.4	7.5	13	.5	6.1	4.3	43	.12	.061	29	24.6	.32	105	.040	1	1.44	.005	.09	7.3	.08	2.3	.3	<.05	5
L3+00W 0+25N	2.5	149.3	17.0	49	.7	14.7	4.3	136	2.02	120.6	1.7	89.2	.8	11	.2	3.5	1.2	33	.05	.087	19	18.6	.24	125	.020	2	1.30	.008	.08	1.7	.10	1.3	.2	.08	5
L3+00W 0+00N	1.7	100.6	12.9	70	.2	22.6	8.9	359	2.62	83.6	1.7	81.5	8.3	16	.3	3.5	.7	46	.22	.091	28	24.7	.34	90	.055	1	1.03	.006	.06	2.1	.05	2.2	.1	<.05	3
L2+50W 7+50N	4.6	63.8	89.7	46	.6	17.2	5.3	217	2.71	1212.7	2.8	146.6	2.0	13	.3	26.1	1.6	51	.13	.087	28	20.9	.31	104	.017	<1	1.21	.005	.07	.6	.11	1.7	.5	<.05	3
L2+50W 7+25N	3.1	61.9	48.6	42	.7	17.8	5.3	206	2.60	729.7	1.7	103.0	2.5	14	.2	14.6	1.3	57	.08	.060	22	21.3	.28	127	.021	1	1.44	.005	.07	.3	.09	2.2	.4	<.05	5
L2+50W 7+00N	1.1	40.9	13.9	52	.3	20.8	10.3	322	2.48	346.5	1.2	31.8	3.7	10	.3	3.4	.4	48	.08	.043	20	24.3	.40	196	.036	1	1.69	.007	.06	.2	.08	2.5	.2	<.05	4
L2+50W 6+75N	2.3	51.6	23.7	43	.4	18.1	5.7	216	2.64	582.0	1.4	53.3	1.9	13	.2	8.2	.7	52	.07	.046	21	21.5	.31	131	.027	2	1.63	.007	.06	.4	.08	2.2	.3	<.05	5
L2+50W 6+50N	3.8	80.7	43.1	44	.7	18.0	4.0	167	3.15	622.0	1.8	199.3	5.0	17	.2	14.8	1.0	38	.07	.066	30	20.8	.32	139	.017	1	1.53	.009	.07	.4	.10	2.0	.3	<.05	5
L2+50W 6+25N	4.4	93.9	37.8	45	.4	15.7	4.7	159	2.99	565.3	2.3	157.2	11.1	29	.3	14.9	1.1	34	.16	.071	32	18.9	.31	167	.030	<1	1.23	.010	.10	.2	.05	2.6	.3	<.05	4
L2+50W 6+00N	5.3	123.4	49.1	50	.8	20.4	6.2	205	3.27	676.6	2.8	272.6	13.8	37	.2	23.1	1.4	42	.14	.082	44	23.5	.38	214	.031	1	1.73	.011	.14	.2	.08	2.9	.4	<.05	6
L2+50W 5+75N	4.5	130.8	31.6	55	.3	21.3	12.7	257	3.37	796.5	5.0	200.1	14.3	32	.4	17.6	1.4	42	.13	.062	44	20.6	.42	198	.033	<1	1.52	.009	.14	.2	.05	3.5	.3	<.05	6
STANDARD DS3	9.1	125.6	34.7	157	.3	37.1	11.5	796	3.29	31.7	6.3	22.5	4.2	29	5.8	5.3	6.0	74	.52	.088	19	189.7	.56	147	.096	2	1.80	.035	.17	3.4	.22	3.8	1.1	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.4	3.4	3.0	42	<.1	4.8	3.5	498	1.91	1.1	2.2	2.0	4.5	81	.1	.1	.2	38	.58	.086	8	15.4	.52	215	.120	2	.92	.101	.48	1.5	.01	4.3	.3	<.05	5
2+50W 5+50N	2.7	49.0	45.3	43	.8	14.1	4.4	117	2.45	396.2	1.9	77.2	4.2	20	.2	11.4	1.3	40	.16	.084	22	22.1	.35	161	.013	<1	1.30	.005	.05	.4	.14	2.3	.3	<.05	4
2+50W 5+25N	2.7	60.6	44.4	66	.3	18.8	8.6	275	3.06	178.2	2.3	56.8	4.2	18	.2	8.5	1.1	50	.10	.079	22	25.8	.43	114	.028	2	1.73	.008	.06	.4	.07	2.6	.2	<.05	5
2+50W 5+00N	2.8	76.6	22.7	53	.4	16.8	5.0	175	3.03	266.9	2.4	45.5	1.9	20	.1	2.5	1.4	45	.07	.074	22	25.2	.40	124	.021	2	1.84	.009	.06	.4	.07	2.5	.2	.07	5
2+50W 4+75N	3.2	110.4	24.9	70	.4	20.9	7.5	273	3.18	434.3	3.7	135.4	4.6	27	.3	3.7	2.8	44	.13	.084	30	28.7	.44	207	.027	1	1.80	.011	.07	.5	.05	3.3	.3	<.05	6
2+50W 4+50N	3.1	99.0	27.9	56	.3	13.7	4.5	167	2.73	325.5	3.2	100.7	5.9	20	.3	7.9	1.7	35	.10	.069	36	19.0	.31	128	.018	1	1.38	.010	.08	.4	.07	2.9	.3	<.05	5
2+50W 4+25N	3.3	104.9	30.3	63	.4	15.9	5.4	208	3.03	206.0	3.8	344.7	6.1	19	.3	7.3	1.9	40	.09	.077	35	22.5	.33	130	.013	1	1.56	.011	.07	.5	.07	2.9	.4	.06	5
2+50W 4+00N	2.5	73.1	26.7	69	.3	18.9	8.7	394	3.03	179.8	4.1	126.5	6.3	21	.6	5.8	1.1	45	.13	.077	30	24.3	.39	134	.034	1	1.45	.009	.07	.6	.05	3.6	.2	<.05	5
2+50W 3+75N	4.2	117.8	40.9	75	.4	15.7	9.0	333	3.25	354.6	5.9	183.9	13.1	32	.2	14.7	3.1	34	.17	.078	54	21.8	.29	181	.022	2	1.40	.009	.14	.2	.16	4.7	.8	.07	5
2+50W 3+50N	2.5	138.8	36.6	79	.3	16.2	10.7	328	3.19	197.7	5.3	296.5	13.1	25	.5	9.2	2.3	30	.14	.068	41	18.0	.22	107	.015	2	1.08	.006	.08	.4	.14	4.9	.4	<.05	4
2+50W 3+25N	2.9	184.2	28.6	89	.3	26.3	15.8	421	3.23	193.6	3.8	150.8	8.1	27	.4	4.9	1.8	40	.10	.074	38	25.0	.39	138	.042	1	1.75	.007	.11	.5	.09	3.2	.4	<.05	6
2+50W 3+00N	4.9	121.1	20.4	31	.3	5.7	6.6	112	2.47	165.5	1.8	238.2	13.9	22	.4	7.7	.7	17	.15	.023	32	12.2	.15	107	.005	2	.88	.003	.09	.1	.02	2.9	.2	<.05	3
2+50W 2+75N	2.5	61.2	18.2	46	.4	12.4	4.5	178	2.64	120.5	1.1	44.9	.8	11	.3	2.1	1.3	55	.06	.073	16	23.8	.25	77	.022	1	1.47	.007	.05	.9	.06	1.7	.2	.06	7
2+50W 2+50N	3.9	260.7	24.6	91	.5	23.1	18.5	468	3.98	371.6	4.7	368.4	12.1	21	.6	5.4	2.8	37	.16	.061	37	22.3	.39	151	.031	<1	1.56	.007	.18	1.1	.02	4.4	.4	<.05	6
2+50W 2+25N	1.8	54.3	11.6	32	.3	8.8	3.0	110	1.81	73.8	1.1	107.5	.6	9	.2	1.7	.7	37	.05	.068	14	17.2	.12	58	.021	1	.99	.005	.04	.7	.10	1.3	.1	.09	5
2+50W 2+00N	3.0	182.6	46.5	96	.4	26.1	15.2	448	3.30	328.0	2.3	319.1	7.5	15	.6	8.5	5.9	40	.16	.077	27	22.0	.35	115	.035	2	1.31	.006	.10	1.1	.04	2.9	.2	<.05	5
2+50W 1+75N	1.6	107.0	24.4	89	.3	26.4	10.7	352	2.58	142.0	1.3	419.2	8.0	19	.5	5.3	1.7	40	.24	.099	24	21.1	.35	93	.043	2	1.01	.006	.07	1.3	.03	2.6	.2	<.05	3
2+50W 1+50N	3.1	200.1	25.0	83	.4	24.2	12.1	363	2.97	295.8	2.9	310.3	6.6	14	.5	5.9	2.6	41	.12	.067	29	22.8	.37	121	.030	1	1.46	.006	.08	.9	.07	3.2	.2	<.05	5
RE 12+50W 1+50N	3.4	214.2	26.7	85	.4	25.8	12.5	392	3.14	310.7	3.0	399.9	7.2	15	.4	6.1	2.7	43	.13	.069	31	25.6	.39	125	.029	3	1.53	.006	.09	.8	.05	2.9	.3	<.05	5
2+50W 1+25N	4.0	259.4	34.1	98	.6	24.0	11.1	348	3.70	367.8	2.8	404.1	7.1	12	.3	8.2	2.3	42	.07	.059	31	24.6	.40	124	.029	1	1.81	.006	.15	1.2	.06	4.2	.4	<.05	6
2+50W 1+00N	3.1	265.8	18.5	72	.4	23.4	11.9	334	2.92	154.4	2.1	172.5	9.3	16	.4	4.6	.8	42	.13	.059	30	23.4	.34	117	.044	1	1.41	.005	.11	2.5	.05	3.1	.3	<.05	4
2+50W 0+75N	2.4	131.1	17.6	53	.2	15.7	5.3	183	2.72	117.4	1.3	88.0	2.8	16	.4	2.6	1.0	44	.09	.064	19	21.6	.26	82	.032	2	1.22	.007	.05	9.0	.05	2.0	.2	.07	6
2+50W 0+50N	2.6	272.5	18.3	87	.4	31.4	10.8	306	3.33	128.7	2.2	691.3	8.5	23	.4	3.2	1.0	53	.20	.083	30	26.8	.38	134	.055	1	1.57	.009	.08	9.6	.06	3.1	.2	<.05	5
2+50W 0+25N	3.1	319.9	22.0	80	.7	23.9	8.5	297	3.11	217.7	3.0	150.3	5.6	20	.4	5.4	2.1	45	.12	.070	27	24.3	.40	158	.032	1	1.72	.007	.11	3.6	.04	3.6	.3	<.05	6
2+50W 0+00N	3.3	194.2	25.2	91	.2	21.5	10.8	348	3.29	196.2	1.5	77.0	5.0	12	.4	6.3	1.2	41	.08	.045	23	22.4	.35	117	.032	1	1.50	.006	.08	1.8	.05	2.6	.2	<.05	5
1+00W 7+50N	5.6	153.1	36.9	47	.5	15.0	4.8	220	2.92	672.8	5.1	78.3	3.7	49	.5	19.8	1.8	35	.11	.129	48	11.4	.18	170	.006	1	1.46	.008	.09	.2	.07	5.3	.4	.11	4
1+00W 7+25N	3.6	128.3	26.9	60	1.2	24.1	8.5	305	4.05	1089.0	1.9	180.9	6.2	24	.4	12.0	1.4	78	.15	.096	23	32.7	.40	140	.043	2	1.74	.012	.08	.6	.07	3.2	.3	.11	6
1+00W 7+00N	2.0	37.5	34.0	38	.7	12.9	4.4	189	3.49	549.1	.9	37.0	4.3	12	.2	6.6	.8	70	.05	.038	17	23.9	.27	61	.040	1	1.33	.006	.05	.4	.07	2.2	.3	<.05	8
1+00W 6+75N	1.7	16.9	13.3	34	.2	11.3	4.4	192	2.90	96.5	.7	10.2	2.4	10	.2	2.0	.4	60	.07	.034	12	23.5	.28	74	.033	2	1.57	.007	.04	.2	.03	2.6	.2	<.05	6
1+00W 6+50N	2.2	82.5	32.5	57	.3	19.2	5.6	176	2.79	621.2	2.0	59.2	6.2	22	.4	12.1	.8	46	.18	.099	24	21.6	.38	100	.038	1	1.35	.009	.07	.7	.05	3.2	.3	<.05	4
1+00W 6+25N	.7	152.7	24.0	12	1.9	11.4	1.7	19	.68	121.3	7.7	99.1	.6	15	.4	4.5	.7	10	.09	.203	17	16.7	.05	207	.009	2	1.61	.006	.04	.3	.43	2.2	.2	.34	3
1+00W 6+00N	.9	32.9	13.0	24	.6	9.1	2.4	78	1.24	77.9	2.5	26.1	.1	27	.7	2.2	.5	20	.20	.171	13	17.1	.13	308	.016	2	.99	.023	.06	.2	.14	1.0	.2	.18	4
1+00W 5+75N	2.0	40.3	33.1	37	.6	11.3	4.5	120	1.79	90.2	1.6	43.3	.4	34	1.1	8.4	1.0	27	.17	.132	19	18.0	.19	310	.016	2	1.04	.013	.09	.2	.10	1.5	.2	.21	5
1+00W 5+50N	2.2	65.6	210.4	65	.6	18.3	7.5	306	3.02	518.8	2.1	724.2	6.9	35	.3	42.2	3.0	42	.14	.077	30	22.3	.33	112	.026	1	1.21	.009	.07	.6	.14	3.5	.6	.09	4
STANDARD DS3	9.3	124.4	34.4	158	.3	34.5	11.4	793	3.22	32.1	6.5	21.1	4.0	31	5.9	6.0	6.0	74	.54	.093	17	173.0	.56	144	.083	1	1.76	.037	.16	3.8	.21	4.1	1.2	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.6	3.5	3.0	43	<.1	4.2	3.7	493	1.99	1.4	2.1	.9	4.4	80	<.1	.1	.2	41	.54	.093	8	16.2	.55	225	.120	<1	.96	.101	.51	1.6	<.01	5.0	.3	<.05	5
L1+00W 5+25N	2.3	86.4	394.0	81	1.0	24.0	9.3	346	3.49	531.8	2.9	221.3	8.1	32	.4	41.4	1.7	42	.17	.090	33	22.8	.39	129	.032	2	1.32	.011	.08	.6	.24	4.1	.6	.10	4
L1+00W 5+00N	2.8	120.1	28.5	66	.3	22.9	6.5	169	3.14	328.7	7.8	256.7	4.2	29	.2	6.8	2.6	34	.10	.091	36	18.9	.33	119	.021	2	1.78	.014	.07	.5	.11	2.8	.2	.09	6
L1+00W 4+75N	5.1	147.8	32.0	58	.6	24.7	6.5	227	4.04	544.1	4.9	183.5	6.3	64	.4	5.1	2.6	44	.17	.111	28	25.9	.55	153	.034	<1	2.04	.041	.12	.4	.08	3.4	.3	.16	7
L1+00W 4+50N	3.7	146.7	31.8	54	.5	15.7	5.9	242	4.11	472.1	3.0	383.4	8.3	62	.2	5.1	1.6	37	.06	.092	33	27.0	.45	190	.032	1	2.07	.031	.18	.3	.05	3.3	.2	.18	6
L1+00W 4+25N	3.5	118.1	25.7	55	.4	18.9	5.0	177	4.22	1286.7	2.5	648.3	8.3	40	.5	6.3	4.3	39	.08	.067	28	23.1	.37	135	.031	<1	1.57	.027	.07	.4	.04	2.9	.2	.12	6
L1+00W 4+00N	3.6	62.8	31.7	46	.5	13.6	4.0	143	3.07	140.1	2.0	109.9	2.6	31	.2	3.0	1.1	43	.07	.091	24	23.8	.32	108	.016	2	1.55	.022	.07	.4	.08	1.8	.2	.12	6
L1+00W 4+00N-A	3.4	30.6	22.1	28	.2	8.4	2.4	71	1.72	30.0	1.3	63.8	.2	15	.2	2.8	.5	36	.06	.111	16	16.9	.14	65	.012	<1	.97	.017	.06	.3	.06	.8	.2	.12	5
L1+00W 3+75N	2.3	32.8	18.8	29	.3	9.7	2.5	72	1.57	21.8	1.1	36.0	.2	16	.3	1.8	.4	33	.07	.110	14	15.3	.13	92	.015	<1	1.00	.015	.06	.7	.09	.9	.1	.14	5
L1+00W 3+50N	1.6	21.5	12.5	29	.2	6.1	1.6	56	1.11	14.1	.8	37.7	.1	11	.2	1.6	.3	25	.06	.127	10	12.4	.07	70	.011	1	.67	.011	.06	.3	.10	.5	.1	.14	4
L1+00W 3+25N	3.4	55.9	17.6	28	.6	9.4	3.7	89	2.04	51.8	2.0	59.4	.4	13	.2	1.7	.6	42	.03	.118	14	19.6	.12	108	.014	<1	1.56	.010	.04	.3	.10	1.4	.3	.12	5
L1+00W 3+00N	5.2	101.9	35.3	65	.7	18.0	5.0	178	3.25	135.6	2.4	109.8	3.0	23	.3	6.7	1.2	54	.08	.112	25	25.1	.33	161	.010	1	1.84	.019	.10	.8	.11	2.3	.3	.12	6
L1+00W 2+75N	4.9	318.0	23.1	63	.6	26.0	10.1	273	3.69	640.6	2.9	571.2	8.9	43	.4	4.2	3.4	35	.10	.056	29	22.4	.42	177	.043	1	1.81	.022	.18	.7	.04	3.8	.3	.10	6
RE L1+00W 2+75N	5.0	325.0	23.3	65	.6	27.2	10.5	278	3.91	662.1	3.0	596.4	8.7	43	.4	4.3	3.6	35	.12	.058	29	22.5	.44	180	.044	<1	1.84	.023	.19	.8	.04	4.1	.3	.11	7
L1+00W 2+50N	1.2	36.5	5.8	21	.3	5.4	1.7	30	.70	33.9	.7	21.2	.2	13	.4	1.8	.3	12	.10	.103	5	8.6	.04	111	.011	<1	.49	.013	.05	.1	.10	1.3	.1	.13	1
L1+00W 2+25N	1.4	28.9	10.6	20	.3	6.9	1.7	35	1.10	11.0	.8	36.1	.2	8	.1	1.4	.4	24	.03	.102	8	12.2	.04	55	.017	<1	.88	.010	.03	.6	.08	1.0	.1	.11	3
L1+00W 2+00N	1.8	74.7	13.2	44	.4	13.8	4.4	164	2.56	116.3	1.1	513.2	3.0	12	.2	2.4	.9	43	.05	.049	21	21.3	.21	72	.036	<1	.87	.008	.05	2.2	.10	1.7	.2	.08	4
L1+00W 1+75N	2.0	179.3	20.6	71	.4	19.9	13.5	412	2.07	230.3	4.0	132.4	1.9	20	.6	3.7	2.7	26	.21	.109	23	18.6	.26	165	.019	1	1.10	.011	.08	.4	.16	2.7	.3	.09	4
L1+00W 1+50N	1.4	96.2	21.4	67	.2	18.6	7.2	254	2.43	484.3	2.8	277.3	3.6	10	.3	2.8	3.4	35	.11	.058	20	18.2	.30	63	.022	<1	1.06	.005	.05	1.3	.04	2.2	.1	<.05	4
L1+00W 1+25N	1.9	236.9	19.6	89	.3	30.1	14.2	475	2.67	359.9	2.3	309.9	7.8	14	.4	2.6	2.4	38	.16	.073	22	21.6	.37	88	.037	1	1.26	.006	.05	1.7	.08	2.6	.2	<.05	4
L1+00W 1+00N	2.7	120.0	21.9	54	.2	14.4	5.3	207	2.68	187.2	1.2	260.1	2.2	6	.4	3.1	1.9	41	.04	.049	18	19.5	.26	55	.021	<1	1.33	.005	.04	1.1	.09	1.6	.2	<.05	4
L1+00W 0+75N	2.2	157.8	34.1	101	.3	16.3	9.0	422	2.74	498.6	5.5	177.7	13.9	11	.5	8.8	2.2	32	.12	.078	56	21.2	.29	114	.012	1	1.43	.004	.09	.3	.07	4.8	.3	<.05	6
L1+00W 0+50N	2.1	204.8	20.4	88	.2	23.5	9.3	317	2.70	185.8	1.6	171.2	3.8	11	.4	3.2	1.5	41	.10	.062	23	22.6	.35	88	.032	1	1.31	.006	.06	1.7	.07	2.4	.2	<.05	4
L1+00W 0+25N	2.3	170.3	23.0	104	.2	23.4	12.5	601	3.30	314.7	1.7	184.0	7.2	10	.5	7.6	1.6	40	.10	.054	26	21.1	.33	88	.023	2	1.27	.005	.06	1.0	.05	3.1	.2	<.05	5
L1+00W 0+00N	2.5	218.6	21.4	78	.4	23.8	9.3	331	2.85	445.4	1.8	226.7	6.1	12	.5	4.6	2.5	39	.10	.050	23	21.5	.36	113	.032	1	1.28	.006	.09	1.0	.03	2.9	.2	<.05	4
L0+50W 7+50N	3.4	25.2	12.7	29	.4	7.6	2.5	80	2.06	422.2	1.0	17.5	1.2	8	.1	8.6	.7	67	.03	.038	16	12.6	.06	57	.033	1	.58	.004	.04	.2	.04	1.2	.3	<.05	6
L0+50W 7+25N	3.2	67.2	31.7	32	1.6	10.2	2.8	58	1.71	243.5	3.6	47.0	.3	17	.2	6.4	.9	34	.07	.133	19	14.6	.13	114	.007	<1	1.09	.008	.06	.1	.20	.9	.5	.11	5
L0+50W 7+00N	1.6	40.7	11.4	38	.3	13.5	4.2	148	2.34	200.3	1.7	11.3	.5	9	.2	3.2	.4	53	.06	.074	14	24.6	.29	74	.019	<1	1.60	.006	.04	.2	.09	1.4	.3	<.05	5
L0+50W 6+75N	2.3	76.0	30.7	64	.3	23.3	7.2	259	2.92	599.5	2.3	51.4	6.9	27	.4	9.9	.8	52	.30	.106	25	29.5	.50	256	.055	1	1.22	.011	.09	.5	.06	4.0	.3	<.05	4
L0+50W 6+50N	1.8	67.0	19.7	47	.3	18.0	4.6	125	2.32	415.4	2.2	30.9	6.4	18	.2	8.7	.7	46	.21	.088	23	25.8	.46	120	.047	1	1.27	.007	.07	.5	.06	3.1	.3	<.05	4
L0+50W 6+25N	1.0	42.9	14.0	63	.1	19.5	8.5	232	2.51	196.0	1.7	69.6	5.7	16	.4	3.9	.6	41	.17	.076	24	24.3	.40	173	.043	<1	1.24	.007	.06	.4	.05	3.1	.2	<.05	4
L0+50W 6+00N	1.6	46.3	17.5	65	.2	21.0	7.7	339	3.24	56.3	1.9	127.4	5.1	20	.5	3.3	.4	47	.14	.091	23	24.2	.41	126	.043	1	1.34	.014	.07	.4	.04	3.1	.1	<.05	5
L0+50W 5+75N	2.3	65.1	30.2	60	.2	22.5	6.8	248	3.28	107.7	1.9	169.7	6.8	24	.4	12.0	.7	44	.11	.077	26	22.8	.35	152	.038	1	1.51	.012	.10	.4	.05	3.1	.3	.06	6
L0+50W 5+50N	1.4	75.0	43.1	47	.4	13.5	5.0	229	2.56	360.0	2.2	116.2	5.3	21	.3	19.1	2.8	33	.12	.063	27	21.4	.33	119	.027	1	1.04	.012	.08	.5	.07	3.0	.5	.07	5
STANDARD DS3	8.9	127.3	34.0	159	.3	35.8	11.7	796	3.31	32.8	6.8	21.1	3.9	29	6.2	6.1	6.3	73	.52	.091	18	177.1	.59	150	.086	1	1.75	.037	.16	3.7	.22	3.8	1.2	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
G-1	1.4	2.9	2.7	39	<.1	3.9	3.6	486	1.82	1.4	2.0	1.3	4.0	70	<.1	.1	.2	35	.58	.078	8	14.1	.49	204	.118	1	.82	.071	.43	1.5	<.01	2.6	.3	<.05	4
L0+50W 5+25N	2.7	97.6	133.4	31	.5	7.8	2.6	110	2.44	278.4	2.3	309.8	11.8	32	.3	62.5	2.1	21	.04	.042	42	12.1	.11	60	.013	<1	.49	.005	.05	.2	.57	2.7	.7	.07	3
L0+50W 5+00N	2.9	225.9	94.2	134	.5	21.7	13.1	302	4.40	571.3	6.1	491.4	18.0	62	.5	32.2	2.7	36	.16	.073	43	21.9	.39	179	.022	1	1.51	.019	.14	.1	.06	5.8	.4	.14	6
L0+50W 4+50N	2.8	165.6	20.9	89	.3	40.5	15.5	327	4.11	361.4	2.8	207.3	10.1	38	.4	3.8	2.5	47	.21	.110	25	25.4	.43	119	.048	<1	1.69	.021	.09	1.2	.06	3.4	.2	<.05	5
L0+50W 4+25N	2.8	155.3	18.9	72	.4	33.0	13.2	308	3.93	1462.0	2.1	301.0	6.6	32	.4	3.9	5.4	41	.13	.066	24	23.8	.41	181	.030	1	1.78	.014	.06	.8	.04	2.9	.2	<.05	5
L0+50W 4+00N	2.7	71.9	20.6	44	.3	17.6	4.6	202	2.74	537.2	1.9	57.6	1.1	26	.2	2.6	2.2	49	.04	.083	21	21.8	.28	97	.023	1	1.81	.014	.05	.4	.05	1.5	.2	<.05	8
L0+50W 3+75N	1.9	28.4	14.8	50	.3	14.5	4.9	222	2.75	23.2	1.3	324.1	.8	15	.2	1.5	.4	51	.06	.063	13	23.1	.31	72	.024	1	1.58	.009	.04	.3	.02	1.4	.1	<.05	6
L0+50W 3+50N	2.1	29.6	11.1	24	.3	7.3	2.2	59	1.87	19.3	.9	58.1	.6	11	.1	1.1	.4	35	.03	.078	14	13.1	.06	50	.018	<1	.89	.005	.03	.4	.07	1.1	.1	<.05	4
L0+50W 3+25N	2.6	22.4	14.2	41	.2	11.6	4.3	234	2.74	28.4	.9	74.6	1.6	11	.2	2.4	.3	39	.04	.048	15	20.5	.26	61	.028	1	.99	.007	.03	.5	.06	1.6	.1	<.05	5
L0+50W 3+00N	2.6	33.6	25.3	34	.1	8.4	2.9	130	2.66	49.7	.9	52.3	2.3	9	.1	2.1	.4	52	.04	.043	19	17.6	.13	63	.027	<1	.80	.005	.03	.5	.04	1.4	.1	<.05	6
L0+50W 2+75N	2.9	78.1	21.8	69	.3	22.3	9.6	355	3.38	246.1	1.6	156.1	4.2	29	.2	2.7	.7	52	.11	.070	22	26.9	.41	141	.032	1	1.79	.019	.07	.7	.04	2.7	.2	<.05	5
L0+50W 2+50N	3.6	79.1	34.5	46	.6	13.0	3.9	134	2.68	67.8	1.7	182.0	1.0	26	.3	12.7	.7	31	.09	.110	25	17.5	.19	169	.010	2	1.07	.015	.09	.5	.09	1.5	.3	.17	4
L0+50W 2+25N	2.1	95.5	16.8	41	.2	15.1	4.6	141	2.55	112.6	1.1	52.5	1.9	16	.2	2.3	.9	40	.05	.041	15	19.4	.24	91	.031	2	1.21	.008	.04	.7	.06	2.0	.2	<.05	5
L0+50W 2+00N	3.2	315.2	36.3	96	.5	46.3	19.2	509	4.52	86.7	2.9	265.8	10.3	60	.5	2.1	1.5	45	.22	.134	24	26.7	.45	179	.051	1	2.14	.026	.11	1.9	.05	3.3	.3	.13	6
RE L0+50W 2+00N	3.0	295.0	34.3	91	.5	45.1	19.2	471	4.21	81.7	2.8	305.0	10.0	57	.5	2.1	1.1	42	.21	.132	24	26.3	.42	174	.053	<1	1.98	.025	.10	1.9	.06	3.5	.3	.15	6
L0+50W 1+75N	2.5	123.7	25.3	74	.4	23.1	11.2	362	3.32	50.6	1.4	164.9	6.5	25	.3	2.3	.6	45	.12	.064	22	23.2	.38	130	.041	1	1.59	.014	.07	6.8	.05	2.9	.2	.08	5
L0+50W 1+50N	1.5	40.3	11.8	22	.2	6.6	2.1	69	1.40	19.1	1.1	61.9	.3	8	.2	1.1	.6	30	.04	.097	9	14.1	.11	66	.018	<1	.94	.006	.04	.4	.06	.8	.1	.12	5
L0+50W 1+25N	1.5	73.2	16.7	64	.2	21.7	9.0	235	2.37	169.7	1.3	692.2	3.3	9	.3	1.6	1.3	41	.06	.040	16	19.6	.29	93	.030	<1	1.37	.005	.05	.9	.04	2.0	.2	<.05	5
L0+50W 1+00N	1.2	96.7	14.4	63	.1	22.2	11.6	395	2.45	255.8	1.3	322.0	4.2	10	.3	2.5	1.3	35	.07	.041	20	19.2	.33	86	.027	1	1.05	.005	.04	1.1	.04	1.9	.1	<.05	3
L0+50W 0+75N	1.6	125.5	18.1	61	.2	15.6	8.4	301	1.93	260.9	1.8	150.3	3.6	10	.8	4.9	1.5	26	.08	.042	21	14.4	.26	81	.017	1	.89	.004	.04	.9	.04	1.9	.2	.06	3
L0+50W 0+50N	1.2	25.6	14.6	42	.1	12.1	4.7	218	2.34	109.9	.5	20.0	1.8	6	.2	1.9	.6	46	.04	.026	13	19.2	.26	54	.031	1	1.01	.004	.03	.7	.02	1.7	.2	.06	5
L0+50W 0+25N	3.0	146.8	15.2	64	.2	15.4	5.9	248	2.33	185.2	1.4	469.2	2.6	13	.3	4.2	1.1	36	.12	.047	21	20.4	.34	83	.030	1	1.09	.005	.07	1.0	.04	2.3	.2	<.05	5
L0+50W 0+00N	1.5	61.0	11.3	56	.2	17.2	5.6	215	2.16	50.1	.9	47.6	2.3	13	.3	2.2	.5	36	.12	.054	16	20.1	.36	115	.032	1	1.03	.006	.05	.6	.04	2.1	.1	<.05	4
STANDARD DS3	8.8	120.4	33.1	155	.2	35.9	12.4	805	3.20	31.1	6.4	19.2	3.9	30	6.1	5.7	5.8	74	.54	.087	18	184.1	.57	142	.092	1	1.73	.035	.16	4.0	.22	3.6	1.2	<.05	6

Sample type: SOIL SS80 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
SI	.1	.3	.3	<1	<1	.1	.1	4	.02	<.5	<.1	.5	<.1	4	<.1	.1	<.1	4	.16	<.001	<.1	1.0	<.01	4	<.001	1	.01	.693	.01	.3	<.01	.1	<.1	<.05	<.1
E 175451	2.5	79.9	7.9	96	.3	37.3	22.5	392	5.69	70.2	.5	8.8	2.4	109	<.1	.8	.7	146	1.12	.125	7	74.4	1.83	156	.358	1	4.33	.294	1.84	1.1	<.01	15.6	1.0	1.09	17
E 175452	1.7	80.4	8.2	98	.3	36.5	22.4	378	5.64	69.3	.5	8.7	2.2	101	.1	.6	.7	139	1.03	.118	6	64.5	1.79	156	.347	1	4.23	.278	1.78	.6	<.01	15.4	1.1	1.03	17
E 175453	1.9	45.0	6.8	94	.2	34.8	17.0	540	5.09	48.0	.2	2.6	2.6	116	<.1	.8	.7	132	1.40	.140	7	69.3	1.93	306	.381	1	4.70	.350	2.01	.7	<.01	16.0	1.1	.67	19
E 175454	1.6	44.5	6.8	98	.2	31.1	15.9	536	4.97	38.5	.3	3.1	2.8	127	<.1	.8	.6	128	1.47	.137	8	68.5	1.97	269	.388	1	4.86	.381	2.04	.5	<.01	16.3	1.2	.63	19
E 175455	1.6	84.5	6.4	91	.3	39.1	19.2	402	5.53	28.1	.4	10.3	4.2	226	<.1	.8	4.4	126	2.34	.133	7	67.4	2.00	93	.345	2	5.40	.602	1.70	.8	<.01	13.8	.8	1.33	19
E 175456	1.5	82.1	6.8	94	.4	35.5	19.6	415	5.38	27.3	.4	8.6	4.3	229	.1	.8	4.2	128	2.37	.137	8	68.4	2.09	87	.369	2	5.50	.619	1.82	.6	<.01	15.1	.9	1.30	20
E 175457	1.4	118.2	5.0	74	.4	37.1	21.0	362	5.88	151.0	.4	27.2	4.5	313	.1	.4	1.5	129	2.95	.128	9	64.4	2.06	68	.317	3	5.82	.575	1.62	.7	<.01	13.9	1.0	1.53	19
E 175458	1.5	114.8	4.9	77	.3	35.3	21.1	363	5.72	194.5	.5	38.2	4.5	301	.1	.5	1.6	131	2.81	.125	9	65.0	2.06	76	.326	3	5.85	.586	1.60	.6	<.01	13.7	1.0	1.52	20
E 175459	1.5	158.1	3.3	74	.2	36.1	19.8	400	5.09	243.5	.6	65.7	6.6	305	<.1	.6	1.5	122	2.79	.123	29	62.9	2.16	106	.368	3	5.84	.658	1.78	.9	<.01	12.1	1.4	1.10	19
E 175460	1.8	156.2	3.2	69	.3	33.8	19.2	369	4.81	261.1	.6	40.6	6.5	292	<.1	.7	1.5	115	2.60	.119	29	60.6	2.00	96	.349	3	5.57	.609	1.63	.8	<.01	11.5	1.4	1.07	18
E 175461	1.5	73.8	3.0	95	.2	31.0	14.1	534	4.64	38.6	.5	18.1	7.7	261	<.1	.6	1.8	111	2.53	.111	34	60.5	1.91	163	.370	3	5.55	.717	1.68	1.1	<.01	7.5	1.1	.81	18
E 175462	1.6	71.9	3.0	95	.2	29.8	13.0	518	4.46	33.2	.6	28.1	7.7	260	<.1	.6	1.7	110	2.52	.110	34	59.3	1.92	170	.372	3	5.47	.700	1.67	1.1	<.01	7.8	1.1	.78	19
E 175463	4.0	117.3	3.0	69	.2	40.7	21.7	453	5.56	71.7	.9	20.4	5.7	226	<.1	.7	2.2	174	2.46	.098	27	55.7	1.91	77	.345	3	5.25	.670	1.62	1.0	<.01	7.5	1.2	1.39	18
E 175464	3.7	136.1	7.5	46	.3	21.1	16.4	284	3.32	87.5	4.2	256.7	11.8	181	.1	1.2	1.0	64	1.47	.095	32	38.9	1.05	291	.232	2	2.94	.373	.77	1.9	<.01	5.2	.7	.77	11
E 175465	2.9	133.9	7.3	47	.3	20.8	15.9	290	3.40	89.6	4.4	132.8	11.8	169	.1	1.1	1.0	62	1.40	.089	32	38.7	1.04	272	.229	2	2.81	.355	.76	3.2	<.01	4.9	.7	.73	10
E 175466	1.8	78.0	16.3	45	.4	17.1	17.0	247	2.21	291.3	6.1	361.4	17.6	56	.3	2.3	3.3	26	.52	.067	39	34.5	.78	243	.107	2	1.51	.046	.46	3.4	<.01	4.1	.3	<.05	7
RE E 175466	1.8	78.3	15.7	44	.4	16.9	17.3	245	2.17	286.9	6.0	321.2	17.3	53	.2	2.1	3.4	28	.51	.069	37	35.3	.77	231	.102	2	1.51	.043	.46	3.1	<.01	3.8	.3	<.05	6
E 175469	1.7	65.2	11.4	51	.2	14.1	10.2	288	2.42	67.6	7.5	174.2	18.2	162	.3	2.1	1.0	45	.71	.069	43	44.7	.92	354	.230	1	1.61	.082	.66	2.9	<.01	4.2	.4	.06	8
E 175470	2.0	26.3	16.1	54	.2	12.0	7.6	277	2.44	42.1	6.3	74.9	19.4	53	.3	2.0	.8	50	.67	.072	44	53.1	1.05	383	.246	2	1.64	.100	.71	2.1	<.01	5.2	.5	<.05	9
E 175471	1.6	92.4	14.2	46	.3	17.3	15.2	358	2.23	132.5	5.8	140.4	18.9	220	.2	1.7	1.6	40	.73	.070	40	40.1	.86	349	.191	1	2.03	.084	.61	2.4	.01	4.0	.4	<.05	7
E 175472	2.0	86.7	15.1	51	.3	18.8	15.0	362	2.43	151.2	5.6	170.6	17.0	65	.2	1.9	1.7	34	.66	.070	36	39.7	.84	312	.139	2	1.83	.079	.57	1.6	.01	4.2	.4	.08	7
E 175473	1.3	54.4	14.6	49	.2	20.1	14.6	276	2.26	50.3	3.5	134.3	17.7	48	.2	1.7	1.1	39	.60	.072	41	41.0	.92	330	.166	2	1.63	.075	.58	2.1	.01	4.2	.4	.08	7
E 175474	2.2	33.3	12.6	46	.2	11.9	8.1	255	2.47	115.9	6.8	64.7	19.0	51	.2	1.8	.8	47	.67	.070	43	54.5	1.02	362	.220	2	1.56	.086	.66	3.9	<.01	4.9	.4	.08	8
E 175475	1.5	54.0	20.0	51	.3	14.3	12.2	303	2.31	157.8	5.5	379.9	17.8	329	.3	2.2	1.9	41	.84	.074	39	43.4	.86	336	.191	1	1.95	.079	.62	3.3	.01	3.9	.4	<.05	7
E 175476	2.1	51.0	19.1	51	.3	13.2	11.4	299	2.25	121.1	5.5	184.0	18.1	323	.2	2.1	1.5	39	.83	.074	39	44.3	.85	332	.195	1	1.94	.084	.62	2.1	.01	4.1	.4	<.05	7
E 175477	1.8	37.4	11.8	44	.2	12.0	7.5	284	2.18	31.4	6.7	64.3	18.1	112	.2	1.1	.4	40	.66	.070	38	41.9	.82	329	.222	1	1.44	.084	.61	5.3	.01	3.2	.4	<.05	6
E 175478	3.3	40.2	24.0	50	.2	14.3	11.8	315	2.27	23.3	6.4	39.1	19.4	70	.2	.8	.4	41	.62	.075	44	47.6	.85	336	.207	2	1.49	.086	.58	5.3	<.01	3.7	.4	<.05	7
E 175479	2.2	36.8	16.3	52	.2	13.5	8.8	321	2.36	28.8	7.1	297.8	17.9	57	.3	1.2	1.4	42	.68	.074	40	47.6	.89	346	.223	2	1.45	.085	.61	6.0	<.01	4.1	.4	.06	7
E 175480	2.4	29.9	8.8	48	.1	11.3	7.3	289	2.40	9.2	7.1	28.8	19.1	64	.1	.2	.1	44	.63	.072	44	49.3	.87	400	.263	2	1.46	.130	.75	3.4	<.01	3.6	.4	.09	7
E 175481	2.3	39.9	9.7	47	.1	13.8	8.0	303	2.37	12.0	7.4	33.9	18.2	65	.2	.3	.1	43	.58	.075	40	49.0	.80	379	.252	2	1.37	.105	.69	8.0	<.01	3.1	.4	.12	7
E 175482	2.3	41.1	9.8	49	.1	12.3	8.3	334	2.44	13.8	7.0	47.6	19.1	67	.2	.4	.4	47	.58	.076	43	50.4	.86	399	.261	1	1.49	.122	.71	3.6	<.01	3.2	.4	.11	7
E 175483	1.8	51.5	16.5	56	.2	12.3	9.4	357	2.54	47.1	5.4	45.0	18.4	76	.2	1.1	.6	45	.59	.077	42	47.2	.92	353	.241	2	1.51	.095	.64	5.5	<.01	4.3	.4	.07	8
E 175484	2.4	49.2	12.8	47	.2	10.7	6.9	292	2.40	18.1	7.2	18.8	18.0	69	.3	.6	.2	44	.65	.072	40	47.0	.85	354	.234	4	1.41	.109	.63	4.9	<.01	3.6	.4	.16	7
E 175485	1.8	55.1	16.5	53	.3	12.2	8.6	300	2.46	182.3	7.0	30.6	18.5	58	.4	1.6	.7	43	.61	.072	42	45.4	.92	340	.227	5	1.43	.095	.61	6.5	.01	4.3	.4	.14	7
STANDARD DS3	8.5	124.0	30.5	155	.3	33.5	11.2	773	3.10	29.4	6.0	28.4	3.3	24	5.2	5.0	4.8	71	.50	.086	15	174.5	.55	142	.083	2	1.62	.032	.13	3.7	.22	3.7	1.2	<.05	6

GROUP 10A - 20.0 GM SAMPLE LEACHED WITH 120 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 400 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: RC Chips P150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 16 2002 DATE REPORT MAILED: Aug 21/02 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data CFA - D1



SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Hg ppm	Sc ppm	Tl ppm	S %	Ga ppm
E 175486	2.5	48.4	21.9	60	.2	13.2	9.0	349	2.84	26.1	8.2	27.5	21.8	69	.4	1.0	.4	51	.77	.084	48	51.9	1.00	394	.263	6	1.58	.115	.75	7.0	<.01	4.9	.5	.13	8
E 175487	1.9	56.9	18.0	57	.2	11.2	7.1	317	2.66	12.8	8.8	24.2	20.9	68	.4	.9	.2	51	.74	.080	48	46.8	.96	415	.260	7	1.54	.122	.78	5.2	.01	4.4	.5	.21	8
E 175488	2.8	57.5	22.5	65	.2	12.6	7.4	322	2.59	7.7	8.8	28.5	21.0	64	.5	1.2	.3	49	.67	.078	48	51.7	.91	386	.252	7	1.47	.114	.75	8.6	<.01	3.9	.5	.19	8
E 175489	1.6	50.1	14.8	60	.2	11.9	7.3	337	2.67	12.7	8.6	24.7	21.5	62	.3	1.1	.4	49	.65	.081	49	47.4	.97	408	.270	5	1.51	.105	.80	3.9	.01	3.8	.5	.17	8
E 175490	1.9	59.0	18.1	62	.3	12.4	7.2	345	2.51	68.9	8.2	79.1	21.0	87	.3	2.0	.9	48	.64	.084	47	48.1	.99	382	.255	3	1.56	.091	.78	8.1	<.01	4.8	.5	.14	8
E 175491	1.7	81.4	19.2	61	.3	11.4	7.7	327	2.63	33.0	8.5	28.9	20.9	98	.4	2.2	1.1	47	.68	.079	46	47.2	.93	370	.251	2	1.53	.102	.73	5.7	.01	4.1	.5	.23	7
E 175492	2.3	68.5	17.9	62	.2	14.3	8.0	345	2.80	18.2	8.4	18.5	20.7	65	.3	1.5	.3	48	.70	.079	47	52.0	.99	380	.256	2	1.54	.101	.69	11.1	.01	5.0	.4	.18	8
E 175493	1.8	69.1	17.9	58	.2	13.1	7.9	336	2.75	21.9	8.3	23.1	21.8	61	.3	1.5	.3	48	.67	.078	47	48.6	.95	351	.249	3	1.44	.090	.67	10.1	<.01	4.5	.4	.19	8
E 175494	2.1	59.4	20.6	61	.2	13.8	6.8	332	2.62	18.1	8.1	50.5	21.6	70	.4	1.9	.8	49	.62	.077	48	51.4	.97	363	.256	1	1.51	.102	.71	7.9	<.01	4.6	.5	.11	8
E 175495	1.7	82.4	20.5	61	.2	11.3	7.9	312	2.44	21.4	7.1	27.4	21.1	254	.4	1.4	.7	46	.79	.080	45	45.2	.87	363	.251	1	1.73	.106	.70	8.3	<.01	3.5	.4	.13	8
E 175496	2.1	103.9	13.0	57	.2	15.3	9.5	341	3.28	66.5	6.3	249.1	18.6	125	.2	1.5	1.7	59	1.11	.087	40	47.3	1.20	458	.260	2	2.27	.181	.82	7.5	<.01	5.6	.8	.43	10
E 175497	2.8	108.5	4.7	61	.2	28.8	16.9	341	4.97	229.9	2.6	25.0	7.2	277	<.1	1.4	2.1	135	2.86	.120	30	61.8	2.23	120	.348	4	5.94	.734	1.54	2.1	<.01	13.4	1.7	1.12	20
E 175498	2.6	69.8	5.3	62	.2	37.1	22.2	361	5.17	955.3	3.7	41.3	6.8	288	.1	3.1	6.3	147	2.75	.128	26	54.4	2.18	69	.291	3	5.70	.662	1.25	1.2	<.01	9.1	1.3	1.38	19
E 175499	2.4	99.1	5.0	57	.3	25.4	16.6	298	5.59	490.9	1.1	48.4	5.6	264	<.1	1.5	11.0	124	2.85	.122	25	56.5	2.04	86	.307	3	5.50	.634	1.27	1.9	<.01	10.6	1.4	1.64	18
E 175500	1.7	76.8	4.0	74	.3	32.1	15.8	363	6.19	480.5	1.2	12.3	5.8	298	<.1	1.0	3.7	140	3.36	.125	26	58.9	2.39	66	.342	3	6.06	.557	1.54	1.6	<.01	13.1	1.5	2.00	19
RE E 175500	1.9	78.8	3.8	73	.3	31.3	15.9	358	6.25	481.3	1.2	13.2	5.6	303	.1	1.0	3.7	144	3.32	.124	26	60.5	2.35	62	.347	3	5.97	.544	1.50	1.6	<.01	12.6	1.5	2.03	19
A 177001	1.7	137.3	4.6	74	.3	38.9	21.4	399	5.52	371.6	.9	27.7	6.2	262	<.1	.8	2.1	135	3.28	.127	23	73.2	2.37	59	.342	4	6.32	.615	1.72	1.3	<.01	13.1	1.4	1.54	20
A 177002	2.2	132.4	4.7	69	.3	39.9	21.7	391	5.40	394.4	.9	38.3	6.2	252	<.1	.8	2.1	131	3.10	.121	23	72.9	2.28	60	.339	4	6.10	.597	1.62	1.8	<.01	12.4	1.3	1.59	19
A 177003	1.3	74.2	4.5	83	.2	23.2	13.6	467	4.08	146.8	.6	18.4	6.8	264	<.1	.6	1.5	124	3.07	.116	25	69.2	2.22	147	.341	4	6.13	.608	1.66	.9	<.01	14.4	1.0	.78	20
A 177004	1.4	79.9	5.0	88	.2	27.3	14.8	506	4.51	209.8	.7	20.8	7.4	285	.1	.7	1.7	134	3.21	.120	26	75.2	2.31	131	.369	3	6.44	.639	1.77	1.5	<.01	14.9	1.2	.83	21
A 177005	1.8	136.2	4.8	67	.3	35.0	19.8	383	5.32	329.4	1.0	20.5	6.0	251	.1	1.0	1.6	151	2.75	.118	16	70.2	2.19	79	.316	2	5.63	.557	1.64	1.1	<.01	15.8	1.2	1.48	19
A 177006	2.8	93.5	4.0	71	.4	36.4	21.3	409	5.25	48.9	1.3	283.9	5.3	131	<.1	.4	2.5	155	1.63	.112	7	66.9	2.03	89	.323	1	4.25	.459	1.67	1.4	<.01	17.4	1.1	1.43	16
A 177007	2.3	110.8	5.8	61	.3	37.5	23.3	375	5.20	191.5	.8	61.0	4.7	91	<.1	.7	2.0	152	1.17	.106	7	67.2	1.99	109	.319	1	3.68	.323	1.70	2.1	<.01	18.2	1.3	1.36	16
A 177008	2.1	108.1	7.8	73	.4	38.2	21.9	456	5.92	283.0	.6	23.4	2.6	93	.1	.7	2.4	138	1.22	.108	6	60.3	2.02	89	.279	1	4.03	.285	1.64	1.5	<.01	17.1	1.2	1.77	15
A 177009	1.6	213.5	5.2	61	.4	29.5	18.1	391	5.63	189.7	.4	66.6	3.5	158	.1	1.7	.8	131	1.62	.137	8	65.3	2.44	125	.320	1	4.84	.401	1.95	1.4	.01	18.1	2.3	1.34	19
A 177010	2.2	227.6	5.2	52	.3	30.3	13.4	317	5.26	405.0	.7	65.6	5.3	253	.1	1.9	1.1	159	2.06	.142	9	72.5	2.31	124	.320	2	4.97	.450	1.91	2.2	<.01	16.1	2.4	1.11	18
A 177011	1.8	399.2	4.5	52	.4	29.9	15.5	288	6.25	121.7	.6	192.5	5.4	426	.1	1.3	2.7	149	3.31	.136	14	75.0	2.43	63	.332	4	6.50	.622	1.83	1.7	<.01	16.2	1.9	1.95	21
A 177012	2.5	250.4	2.7	61	.3	35.7	20.4	384	5.38	71.9	1.0	1122.4	6.1	313	<.1	.9	.7	160	3.40	.140	27	71.4	2.20	75	.369	4	6.59	.753	1.76	2.1	<.01	13.9	1.8	1.45	21
A 177013	2.4	112.3	11.8	50	.3	17.4	13.1	328	3.36	146.6	6.6	235.0	18.3	110	.2	2.2	2.1	81	1.28	.096	40	48.9	1.30	479	.236	2	2.68	.246	.82	4.4	<.01	7.3	.9	.39	10
A 177014	2.5	49.4	12.2	54	.2	15.1	8.4	341	2.72	40.1	6.9	98.6	19.5	80	.2	1.7	1.2	59	.90	.079	40	54.3	1.05	387	.255	2	1.94	.158	.70	8.2	<.01	5.5	.5	.15	9
A 177015	1.5	31.4	20.9	52	.2	18.4	15.4	412	2.39	237.0	8.2	402.9	20.6	37	.3	1.9	3.6	30	.45	.076	41	38.2	.75	211	.106	2	1.41	.041	.46	5.0	.01	5.0	.3	<.05	6
A 177016	2.3	49.3	19.7	51	.3	16.7	9.1	340	2.56	79.2	5.9	853.9	22.4	56	.3	2.0	2.3	37	.62	.077	49	45.2	.88	236	.122	2	1.62	.052	.49	5.3	<.01	5.2	.4	<.05	7
A 177017	2.3	50.1	16.4	54	.2	12.4	9.2	319	2.62	33.2	6.4	209.9	22.6	48	.2	.8	.8	51	.63	.075	48	53.3	1.06	339	.232	1	1.60	.083	.64	5.8	.01	5.4	.4	.07	8
A 177018	2.9	52.1	16.2	58	.2	15.1	9.5	336	2.81	32.3	6.8	144.9	22.6	56	.2	.9	.6	55	.65	.079	48	58.7	1.09	346	.242	2	1.69	.095	.67	7.7	.01	5.9	.4	<.05	8
A 177019	1.9	41.7	15.1	58	.2	18.8	11.2	448	2.73	60.8	6.3	181.6	22.8	42	.3	1.2	1.1	46	.57	.082	48	48.5	.96	285	.181	1	1.53	.070	.59	6.3	.01	5.3	.4	<.05	7
STANDARD DS3	9.3	126.2	31.7	157	.3	35.3	11.2	787	3.09	28.8	6.4	30.0	3.5	24	5.6	4.7	4.9	71	.52	.084	15	171.7	.56	132	.086	2	1.64	.032	.13	3.9	.24	4.0	1.2	<.05	6

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. PROJECT ICE File # A203277 Page 1

101 - 222 E. 15th Ave, Vancouver BC V5T 2P6



SAMPLE#	Cu ppm	Ag ppm	Au ppb	Sb ppm	Bi ppm
SI	.9	<.1	1.6	<.1	<.1
A 177020	52.2	.2	109.6	.8	.6
A 177021	52.7	.2	110.3	.9	.4
A 177022	32.0	.2	202.6	1.1	1.1
A 177023	68.2	.2	142.1	.9	1.4
A 177024	54.6	.4	809.8	2.2	4.3
A 177025	36.9	.2	64.9	1.0	.6
A 177026	24.4	.1	36.4	.6	.3
A 177027	23.2	.1	42.2	.6	.3
A 177028	11.6	.1	64.0	.5	.6
A 177029	27.6	.1	88.3	.7	.6
A 177030	36.7	.3	564.7	2.6	3.1
A 177031	25.5	.2	425.6	1.3	1.4
A 177032	24.2	.2	273.8	1.4	1.5
A 177033	35.6	.2	165.0	1.2	1.0
A 177034	41.6	.3	112.5	1.2	.7
A 177035	76.3	.4	280.2	1.5	2.6
A 177036	31.5	.3	643.7	2.3	3.6
A 177037	34.4	.2	138.4	1.0	.9
A 177038	45.6	.2	40.0	2.2	.8
A 177039	50.3	.3	76.1	2.8	9.9
A 177040	38.0	.6	1399.4	1.9	7.8
RE A 177040	38.8	.6	1372.0	1.9	7.9
A 177041	79.3	.3	138.7	2.3	2.2
A 177042	132.9	.3	47.2	2.4	1.1
A 177043	331.8	.3	91.1	1.8	3.9
A 177044	61.5	.1	35.2	1.1	.8
A 177045	53.6	.1	23.1	1.1	1.4
A 177046	57.4	.1	16.7	1.0	1.5
A 177047	73.6	.2	27.5	.9	1.4
A 177048	147.8	.3	44.0	1.0	1.2
A 177049	137.8	.3	33.1	1.0	1.3
A 177050	128.6	.2	31.7	1.3	1.0
A 177051	160.3	.3	64.2	2.2	1.3
A 177052	161.6	.4	53.1	.9	1.4
STANDARD DS4	133.8	.3	27.0	5.2	5.1

GROUP 1DA - 20.0 GM SAMPLE LEACHED WITH 120 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 400 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: RC Chips P150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 22 2002 DATE REPORT MAILED: *Sept 3/02* SIGNED BY: *C.T.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA *27*

SAMPLE#	Cu ppm	Ag ppm	Au ppb	Sb ppm	Bi ppm
G-1	3.5	<.1	.7	<.1	.1
A 177053	250.0	.3	205.4	1.9	1.8
A 177054	83.5	.3	123.6	3.1	1.1
A 177055	30.3	.2	167.4	3.5	1.3
A 177056	27.1	.2	62.8	2.5	1.3
A 177057	24.3	.2	43.4	2.5	1.2
A 177058	20.3	.1	29.3	2.8	.6
A 177059	24.5	.2	51.0	2.6	.8
A 177060	55.1	.2	46.8	2.2	.6
A 177061	41.5	.2	31.9	2.1	.6
A 177062	28.2	.2	98.2	1.9	1.0
A 177063	28.6	.2	13.9	1.0	.2
A 177064	23.5	.2	70.5	2.1	.8
A 177065	22.1	.2	100.6	2.1	1.0
A 177066	16.5	.2	45.1	1.2	1.0
A 177067	7.8	.1	49.9	.8	.8
A 177068	8.1	.1	9.4	.4	.2
A 177069	8.9	.2	92.1	.5	1.1
A 177070	28.9	.3	544.6	.9	2.0
A 177071	7.6	.1	70.0	.4	.3
A 177072	6.2	.1	17.5	.7	.2
A 177073	8.9	.1	7.7	.4	.2
A 177074	17.0	.3	42.4	.8	.9
A 177075	6.8	.2	55.7	.6	.3
RE A 177075	6.5	.2	61.9	.6	.3
A 177076	20.3	.2	112.2	1.6	2.5
A 177077	10.4	.2	15.8	.6	.4
A 177078	9.3	.1	32.7	.6	.8
A 177079	7.9	.1	27.3	.9	.7
A 177080	6.8	.1	7.4	.6	.3
A 177081	7.2	.1	12.3	.6	.3
A 177082	22.7	.1	173.7	.9	1.6
A 177083	254.5	.2	95.6	1.9	1.7
A 177084	237.6	.3	56.5	1.7	2.4
A 177085	121.9	.2	245.6	2.8	6.3
STANDARD DS4	130.9	.3	26.9	5.1	5.2

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Cu ppm	Ag ppm	Au ppb	Sb ppm	Bi ppm
G-1	3.5	<.1	<.5	<.1	.1
A 177086	138.6	.2	21.9	5.7	1.2
A 177087	77.1	.2	46.3	5.9	1.1
A 177088	36.1	.2	29.7	3.5	.6
A 177089	15.5	.2	16.0	1.0	.3
A 177090	16.6	.1	21.5	.8	.7
A 177091	13.3	.2	22.1	.7	1.0
A 177092	21.5	.2	84.1	.7	1.6
A 177093	9.3	.1	11.3	.5	1.1
A 177094	6.8	.2	82.2	.6	3.1
A 177095	14.6	.2	39.3	1.2	1.4
A 177096	91.5	.2	118.6	3.2	2.7
A 177097	92.4	.2	177.1	1.6	3.5
A 177098	95.7	.2	167.4	1.6	3.3
A 177099	196.9	.6	71.0	.9	5.0
A 177100	143.3	.3	79.6	.9	1.6
A 177101	136.0	.2	30.1	.7	.9
A 177102	83.1	.2	57.7	.7	1.5
A 177103	89.0	.3	33.0	.7	1.2
A 177104	76.9	.3	29.8	.6	1.1
A 177105	79.9	.3	28.5	.7	1.9
A 177106	77.2	.2	39.4	.6	1.7
A 177107	122.0	.3	190.2	.5	1.4
A 177108	52.5	.1	10.8	.7	.4
A 177109	55.9	.1	12.5	.6	.5
A 177110	64.9	.1	18.5	.7	.6
RE A 177110	70.0	.1	24.5	.9	.6
A 177111	92.8	.1	17.4	.9	.6
A 177112	202.1	.3	269.4	.7	1.9
A 177113	153.0	.3	38.4	.7	3.0
A 177114	194.3	.3	45.8	1.1	1.9
A 177115	187.5	.4	39.0	.6	2.3
A 177116	206.0	.2	289.6	1.3	3.7
A 177117	123.5	.2	133.0	1.7	2.3
A 177118	47.5	.2	168.2	2.0	1.5
STANDARD DS4	130.5	.3	26.3	5.2	5.2

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Cu ppm	Ag ppm	Au ppb	Sb ppm	Bi ppm
G-1	3.7	<.1	.9	<.1	<.1
A 177119	49.7	.3	72.1	2.7	.9
A 177120	52.1	.3	82.9	2.6	1.0
A 177121	19.7	.2	164.1	3.3	.7
A 177122	16.7	.2	106.2	.9	1.1
A 177123	42.3	.3	58.0	1.2	.7
A 177124	27.9	.2	209.0	1.0	.8
A 177125	49.1	.2	100.4	2.8	1.1
A 177126	79.9	.2	120.6	2.4	1.6
A 177127 not received	-	-	-	-	-
A 177128	47.2	.4	593.8	4.0	11.1
A 177129	36.5	.4	700.1	3.1	5.6
A 177130	40.0	.2	257.2	1.8	2.5
RE A 177130	38.2	.3	285.3	1.8	2.3
A 177131	34.5	.2	39.7	.7	.4
A 177132	28.0	.2	52.6	.8	.6
A 177133	36.7	.2	199.0	1.7	3.2
A 177134	35.4	.1	47.1	.9	.3
A 177135	43.3	.2	68.3	1.2	.8
A 177136	47.6	.2	47.3	1.4	.4
A 177137	26.6	.2	51.2	1.1	.9
A 177138	15.8	.2	505.2	2.1	3.9
A 177139	19.2	.3	737.5	4.0	4.4
A 177140	24.7	.3	506.4	3.6	3.4
A 177141	28.8	.1	41.1	.9	.4
A 177142	33.7	.2	276.8	1.6	1.4
A 177143	51.3	.2	85.3	1.6	1.2
A 177144	59.3	.3	65.9	.7	.4
A 177145	57.9	.2	58.0	2.6	.5
A 177146 not received	-	-	-	-	-
A 177147	40.9	.2	66.2	1.1	.7
STANDARD DS4	126.0	.3	28.4	5.1	5.0

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. File # A203345 Page 1

101 - 222 E. 15th Ave, Vancouver BC V5T 2P6

SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
SI					
A 177148	322.9	750.0	100.0	10.6	2.6
A 177149	454.1	1047.8	154.4	5.7	1.8
A 177150	566.1	494.8	137.1	4.4	1.2
A 177151	532.0	1412.0	213.2	26.2	4.0
A 177152	772.7	2173.6	277.1	12.0	6.6
A 177153	432.0	762.4	162.1	11.5	2.0
A 177154	343.4	816.9	111.0	53.7	1.3
A 177155	333.5	1418.2	174.3	74.5	1.5
A 177156	436.2	1077.4	178.3	54.3	2.0
A 177157	725.4	2623.4	453.9	51.3	9.0
A 177158	524.6	1319.2	224.2	58.4	3.4
A 177159	528.3	1636.1	173.2	40.3	2.0
A 177160	258.9	1321.5	516.2	24.8	5.8
A 177161 A 177164	137.2	501.3	266.2	6.1	2.1
A 177162	106.5	358.0	97.5	5.3	1.1
A 177163	134.5	285.8	121.9	6.4	1.2
A 177165	191.2	1388.2	205.6	34.3	2.3
A 177166	167.8	1070.0	407.0	24.4	2.7
RE A 177166	164.9	1011.0	404.1	24.5	2.7
A 177167	140.8	389.0	209.8	4.9	1.8
A 177168	116.5	138.2	140.9	2.1	.8
A 177169	110.2	455.2	174.9	4.4	1.6
A 177170	69.6	147.1	113.7	2.4	.9
A 177171	159.0	2537.8	1130.1	18.7	13.6
A 177172	105.4	450.2	301.0	14.0	4.4
A 177173	65.5	303.5	218.2	13.5	2.1
A 177174	66.3	1620.0	514.5	6.8	12.5
A 177175	68.0	1301.7	362.5	5.1	6.4
A 177176	90.4	1846.2	231.4	22.0	4.1
A 177177	164.7	827.0	240.8	15.4	3.0
A 177178	125.1	449.1	135.5	14.3	1.3
A 177179	108.2	159.3	82.9	5.2	1.0
A 177180	142.8	313.1	190.6	3.4	1.1
A 177181	152.0	606.4	297.2	4.6	3.3
STANDARD DS4	125.0	22.0	30.0	5.0	5.3

GROUP 1DA - 20.0 GM SAMPLE LEACHED WITH 120 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 400 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: RC Chips P150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 26 2002 DATE REPORT MAILED: Sept 9/02 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data LFA - 71



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
A 177182	112.5	343.4	97.8	4.6	2.1
A 177183	221.0	2024.6	1371.1	5.2	16.3
A 177184	217.6	841.4	522.8	12.1	5.4
A 177185	135.5	71.4	309.2	6.7	3.2
A 177186	132.7	226.0	867.8	14.8	2.9
A 177187	62.9	124.3	239.2	6.8	1.1
A 177188	71.0	99.4	65.2	2.3	2.9
A 177189	37.1	917.5	141.2	2.6	3.5
A 177190	32.1	154.1	80.9	4.8	1.5
A 177191	30.5	171.2	52.8	4.7	1.5
A 177192	24.0	150.9	45.3	2.5	1.0
A 177193	50.0	1044.4	102.9	2.6	5.5
A 177194	122.6	4697.4	2901.4	20.7	58.0
A 177195	414.2	614.7	169.2	5.8	4.2
A 177196	526.7	789.1	160.0	8.8	4.2
A 177197	521.9	589.7	104.0	7.4	2.6
A 177198	215.8	616.0	104.5	4.1	2.4
A 177199	213.9	906.4	111.1	3.3	2.4
A 177200	604.1	1948.8	270.0	5.5	6.2
A 177201	695.1	2178.6	200.8	5.7	6.3
A 177202	668.1	1753.6	229.6	3.8	5.3
A 177203	989.9	3186.3	390.0	6.7	5.6
A 177204	913.2	3088.3	548.5	6.5	5.9
A 177205	551.1	833.8	262.0	3.8	3.0
RE A 177205	537.5	939.3	245.2	4.2	3.1
A 177206	170.7	465.5	363.3	2.5	2.4
A 177207	171.1	789.6	253.4	2.5	2.2
A 177208	182.3	614.4	421.2	3.3	5.1
A 177209	91.2	418.9	220.0	1.2	1.9
A 177210	141.6	907.9	104.6	2.2	2.3
A 177211	107.5	313.0	40.6	1.6	1.0
A 177212	92.9	203.4	44.0	1.6	1.7
A 177213	77.1	173.8	86.2	1.2	1.8
A 177214	116.1	732.7	245.9	2.1	4.3
STANDARD DS4	126.1	22.0	28.0	5.1	5.3

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
A 177215	136.6	366.0	131.6	1.6	1.8
A 177216	105.4	256.0	68.4	1.3	1.3
A 177217	123.7	257.4	86.2	2.0	1.9
A 177218	203.2	1310.3	333.0	4.5	9.2
A 177219	130.8	1766.5	219.8	2.5	5.6
A 177220	91.9	365.8	119.4	1.4	3.0
A 177221	120.8	1666.9	116.6	2.1	4.8
A 177222	99.9	140.6	73.4	.9	1.0
A 177223	77.9	443.7	96.2	1.0	2.2
A 177224	101.8	221.2	286.3	1.1	2.6
A 177225	149.3	209.0	175.0	1.2	2.0
A 177226	87.0	118.2	142.5	1.3	1.0
A 177227	77.2	54.4	49.1	.7	.5
A 177228	124.2	2331.6	535.6	4.0	8.1
RE A 177228	123.7	2242.9	490.7	4.0	8.0
A 177229	110.7	13500.8	2030.6	11.0	31.9
A 177230	141.3	5076.5	1768.9	6.4	19.8
A 177231	170.8	4150.8	1739.8	5.7	20.9
A 177232	227.5	2942.7	2092.5	3.1	12.0
A 177233	224.8	3302.3	1920.1	3.3	12.2
A 177234	169.4	416.2	204.0	1.0	1.8
A 177235	118.2	280.1	170.8	.9	1.5
A 177236	161.2	2386.8	780.6	2.7	7.5
STANDARD DS4	123.9	22.0	29.0	5.1	5.1

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AA

ASC Industries Ltd. File # A203515 Page 1
101 - 222 E. 15th Ave, Vancouver BC V5T 2P6 Submitted by: Anna Fonseca

GROUP 1DA - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 3 2002 DATE REPORT MAILED: Sept. 6/02 SIGNED BY: [Signature] TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA

SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
G-1	3.3	23.9	<.5	<.1	.1
E 175577	132.2	23.8	175.5	.9	.5
E 175578	87.7	138.6	67.2	16.9	1.8
E 175579	85.2	456.0	58.1	25.1	1.9
STANDARD DS4	121.8	23.2	28.3	5.3	4.9

Sample type: CORE R150 60C.

GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. File # A203579 Page 1
101 - 222 E. 15th Ave, Vancouver BC V5T 2P6

SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
SI	.6	<.5	<.5	.1	<.1
A 177237	493.0	383.7	67.0	2.5	1.0
A 177238	398.1	1179.1	236.7	3.0	3.8
A 177239	526.4	586.2	202.1	3.0	2.5
A 177240	258.6	1038.8	162.7	2.9	2.7
A 177241	427.8	239.6	176.2	2.0	1.4
A 177242	288.9	923.6	325.4	26.3	3.9
A 177243	168.8	503.6	97.3	5.6	1.8
A 177244	120.4	619.1	311.7	5.9	3.9
A 177245	281.8	689.8	137.6	6.2	2.2
A 177246	189.8	1264.9	557.3	5.0	9.5
A 177247	198.1	473.3	135.8	4.7	1.6
A 177249	312.8	521.4	65.8	3.6	1.2
A 177250	270.8	1826.8	144.6	5.5	4.8
RE A 177250	289.6	1923.4	155.5	5.6	5.0
A 177251	233.6	1525.7	115.9	5.5	3.5
A 177252	111.4	495.5	68.0	6.3	1.3
A 177254	155.7	765.1	283.2	4.0	6.2
A 177255	184.1	625.0	223.1	6.3	3.5
A 177256	232.1	677.0	439.2	7.1	4.1
A 177257	160.1	346.7	227.6	4.1	2.7
A 177258	729.0	946.0	351.0	5.9	4.1
A 177259	367.2	1078.4	259.8	11.0	3.9
A 177260	157.4	439.2	274.2	4.2	4.7
A 177261	136.7	570.7	257.2	4.8	4.4
A 177262	174.7	881.9	339.4	3.7	6.1
A 177263	259.7	1125.1	289.0	5.3	7.5
A 177264	197.5	1600.1	413.3	19.4	8.6
A 177265	91.1	338.0	330.9	6.0	5.4
A 177266	581.5	809.7	140.3	3.7	1.5
A 177267	428.2	624.4	130.5	3.0	1.5
A 177268	366.6	607.2	203.5	2.8	2.2
A 177269	438.5	343.0	674.6	1.8	4.2
A 177270	427.2	111.9	90.0	1.8	.8
A 177271	417.4	938.5	207.5	2.7	3.0
STANDARD DS4	120.2	23.0	30.0	5.2	5.0

GROUP 1DA - 20.0 GM SAMPLE LEACHED WITH 120 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 400 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: RC Chips P150 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 4 2002 DATE REPORT MAILED: *Sept 12/02* SIGNED BY: *C.H.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data *LFA* *11*



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
A 177272	492.3	3209.4	247.1	114.2	15.0
A 177273	356.0	841.9	94.8	30.5	4.7
A 177274	435.5	599.2	83.5	17.1	2.5
A 177275	288.2	648.0	79.6	3.7	2.5
A 177276	369.8	839.3	203.4	5.0	4.2
A 177277	300.3	723.7	166.6	4.0	6.3
A 177278	429.3	551.6	80.3	3.2	1.7
A 177279	287.7	1136.3	147.4	4.9	3.8
A 177280	201.1	1630.9	151.7	5.5	4.2
A 177281	127.0	1431.3	138.2	17.8	3.2
A 177282	79.3	105.1	47.3	1.4	.5
A 177283	97.6	337.0	84.4	2.8	1.6
A 177284	92.2	262.7	115.8	2.6	1.0
A 177285	342.5	755.4	49.3	4.8	.9
A 177286	250.1	377.7	99.0	4.3	.8
A 177287	375.3	538.9	133.8	2.2	.9
A 177288	446.6	1675.0	74.9	2.1	1.4
RE A 177288	445.8	1648.8	66.4	2.2	1.4
A 177289	336.0	8901.6	431.6	8.8	10.1
A 177290	450.3	23575.7	2976.0	20.9	34.4
A 177291	843.2	8832.9	572.1	9.3	9.7
A 177292	1006.2	3554.4	235.3	5.6	4.1
A 177293	990.7	2720.1	237.4	6.3	3.1
A 177294	971.7	3040.1	277.1	5.2	2.9
A 177295	350.7	1070.9	185.9	7.3	1.1
A 177296	282.6	1249.8	155.8	2.3	1.9
A 177297	630.1	417.8	123.8	1.4	1.2
A 177298	552.2	520.5	92.9	1.9	.9
A 177299	700.5	5527.9	2428.1	6.5	13.5
A 177300	747.6	1420.9	347.6	3.0	2.4
A 177301	698.4	2973.0	268.3	9.1	3.7
A 177302	454.5	2167.1	168.5	4.5	2.2
A 177303	502.2	2772.5	266.2	7.5	3.0
A 177304	433.7	2712.9	193.7	11.5	2.3
STANDARD DS4	129.1	23.0	27.0	5.2	5.2

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
A 177305	387.5	2491.3	196.5	15.8	1.6
A 177306	594.1	2164.3	172.1	6.4	1.4
A 177307	283.8	1416.6	160.6	3.6	1.0
A 177308	246.2	1433.8	104.8	13.8	1.0
A 177309	189.5	1243.4	190.1	18.8	.9
A 177310	736.3	3842.1	480.7	12.7	2.4
A 177311	582.9	2022.4	207.1	27.0	2.4
A 177312	113.7	584.2	156.6	7.4	1.4
A 177313	102.9	821.1	212.9	6.2	1.5
A 177314	69.6	1613.8	180.3	3.6	1.3
RE A 177314	68.6	1630.4	163.3	3.7	1.3
A 177315	77.4	2011.3	427.3	8.3	2.5
A 177316	47.1	305.6	281.4	13.4	.7
A 177317	47.5	351.0	170.9	2.7	.9
A 177318	34.6	288.3	115.3	2.8	.6
A 177319	53.1	230.3	442.7	2.2	1.5
A 177320	55.5	180.3	64.9	2.3	.4
A 177321	70.9	124.3	39.6	3.9	.3
A 177322	115.6	326.2	365.7	11.1	1.7
A 177323	531.5	221.9	767.5	2.6	2.5
A 177324	607.0	983.0	146.9	11.9	2.5
A 177325	410.3	1061.2	186.7	6.4	6.3
A 177326	478.3	736.7	147.5	3.4	2.4
A 177327	234.3	671.6	231.3	12.0	3.0
A 177328	325.0	312.5	471.5	5.5	1.4
A 177329	279.0	328.6	197.6	4.3	.6
A 177330	228.7	236.9	98.9	4.8	.7
A 177331	363.3	267.0	194.2	6.7	.4
A 177332	479.8	306.7	348.0	8.2	.9
A 177333	220.8	101.1	139.1	3.1	.4
A 177334	151.0	53.8	53.7	1.8	.3
A 177335	202.1	91.7	67.0	3.0	.2
A 177336	243.9	109.9	231.3	2.5	.3
A 177337	226.7	99.5	278.9	2.1	.4
STANDARD DS4	130.1	24.0	29.0	5.2	4.9

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
A 177338	175.9	76.8	73.0	2.3	.2
A 177339	154.9	166.5	111.0	3.6	.9
A 177340	341.2	645.5	235.3	11.4	1.2
A 177341	305.8	424.8	828.4	16.3	1.5
A 177342	299.1	61.7	173.9	13.9	.5
A 177343	255.5	87.8	233.3	5.0	.7
A 177344	188.0	109.7	174.7	6.4	.7
A 177345	225.2	66.1	115.5	4.0	.3
A 177346	283.7	187.3	130.7	1.7	.6
A 177347	195.9	25.3	125.4	2.4	.2
A 177348	189.3	138.5	137.9	1.7	.6
A 177349	156.8	79.7	78.9	.9	.7
A 177350	200.9	66.9	136.2	3.0	.6
RE A 177350	209.5	69.8	116.8	3.0	.6
A 177351	287.0	44.3	181.0	2.2	.4
A 177352	183.6	71.8	160.6	1.8	.5
A 177353	346.6	338.9	332.7	4.9	2.9
A 177354	217.1	155.7	52.1	2.1	.3
A 177355	340.5	271.4	40.9	3.8	.3
A 177356	248.6	151.4	207.1	1.8	.4
A 177357	157.7	22.3	47.3	1.4	.2
A 177358	137.1	53.6	87.1	1.9	.4
A 177359	443.9	159.9	113.9	1.4	.8
A 177360	303.0	106.6	174.5	2.1	.8
STANDARD DS4	119.2	22.9	29.0	5.1	5.0

Sample type: RC Chips P150. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

AA

ASSAY CERTIFICATE

ASC Industries Ltd. File # A203579R
101 - 222 E. 15th Ave, Vancouver BC V5T 2P6

AA

SAMPLE#	Au** gm/mt
A 177290	3.83
A 177299	3.12
STANDARD AU-1	3.47

GROUP 6 - PRECIOUS METALS BY FIRE ASSAY FROM 1 A.T. SAMPLE, ANALYSIS BY ICP-ES.
- SAMPLE TYPE: RC PULP

DATE RECEIVED: SEP 17 2002 DATE REPORT MAILED: *Sept 23/02* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. File # A203615 Page 1
101 - 222 E. 15th Ave, Vancouver BC V5T 2P6 Submitted by: Anna Fonseca

SAMPLE#

Cu
ppmAs
ppmAu
ppbSb
ppmBi
ppm

SI

1.0 3.7 <.5 .2 <.1

E 175501

46.7 144.4 <.5 2.8 1.2

E 175502

26.2 36.4 <.5 4.0 .7

E 175507

27.8 230.9 7.4 5.8 .7

E 175508

44.6 392.2 93.7 8.8 4.3

E 175511

124.5 1346.7 29.4 23.2 2.7

E 175511

132.8 1364.9 29.6 27.1 3.2

E 175512

92.9 626.1 13.9 19.7 1.3

E 175513

85.1 722.5 25.1 24.4 2.0

E 175514

128.0 308.7 3.0 24.4 1.0

E 175515

80.9 230.9 4.0 10.3 .6

E 175516

93.1 307.1 7.6 13.9 1.2

E 175517

80.8 380.9 12.9 16.7 1.2

E 175518

51.2 476.1 41.3 9.1 1.1

E 175519

64.8 144.6 12.4 7.4 1.4

E 175520

99.8 221.7 9.3 8.5 1.0

RE E 175520

101.1 231.8 13.8 8.8 1.1

RRE E 175520

109.3 224.0 12.1 9.7 1.0

E 175521

67.5 297.2 72.7 26.6 22.6

E 175522

57.9 553.0 20.7 21.8 1.7

E 175523

73.4 281.5 14.1 20.0 .8

E 175524

99.0 281.9 8.8 23.5 .4

E 175525

87.3 499.9 21.0 17.0 .8

E 175526

51.8 511.9 171.1 8.3 .8

E 175527

127.0 160.4 16.2 5.6 1.2

E 175528

104.4 151.3 7.6 8.1 1.7

E 175529

89.3 257.1 61.2 11.3 2.6

E 175530

103.8 339.8 69.4 10.1 1.3

E 175531

106.0 179.0 66.8 11.6 1.3

E 175532

70.8 223.3 33.5 15.8 2.5

E 175533

47.7 409.3 219.0 8.5 1.4

E 175534

71.3 251.2 60.9 9.7 1.0

E 175535

55.8 279.2 147.9 12.6 1.3

E 175536

58.2 522.2 23.5 19.3 1.4

E 175537

81.1 192.0 28.4 12.9 1.9

E 175538

96.6 221.1 74.9 9.6 1.1

STANDARD DS4

128.2 21.4 26.2 4.9 5.0

GROUP 10A - 10.0 GM SAMPLE LEACHED WITH 60 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 200 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 6 2002 DATE REPORT MAILED: *Sept 16/02* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data FA *[Signature]*

SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
E 175539	134.3	230.9	55.4	10.1	1.0
E 175540	113.7	454.9	317.4	10.7	1.4
E 175541	93.3	153.2	62.0	9.4	1.4
E 175542	92.4	95.9	68.2	6.7	.8
E 175543	91.4	65.2	67.2	6.1	.7
E 175544	124.9	102.5	84.4	3.9	.8
E 175545	134.0	273.1	222.9	9.0	1.4
E 175546	112.4	127.0	154.9	8.5	.9
E 175547	91.8	116.0	76.0	8.1	.8
E 175548	77.6	122.0	104.0	6.8	.8
E 175549	84.2	118.3	149.6	6.6	.8
E 175550	98.7	133.4	127.8	5.0	1.3
E 175580	22.5	162.5	26.6	20.4	1.7
E 175581	15.9	122.3	17.5	24.6	1.5
E 175582	6.2	24.9	1.5	3.2	.4
E 175583	9.6	42.9	4.3	6.6	3.0
E 175584	7.7	33.0	4.9	3.6	1.1
E 175585	12.6	34.2	6.0	3.3	.6
E 175586	12.1	24.7	2.7	2.8	.4
E 175587	33.6	88.3	12.7	7.0	2.3
E 175588	25.8	18.1	34.2	9.0	.4
E 175589	55.8	26.7	19.6	13.0	1.2
E 175590	237.6	21.4	31.3	3.4	.5
RE E 175590	236.5	21.4	48.3	3.1	.5
RRE E 175590	232.2	21.7	41.1	3.3	.6
E 175591	60.2	49.4	30.0	5.5	.6
E 175592	169.8	46.8	22.7	2.5	1.2
E 175593	131.7	15.0	19.3	1.5	2.4
E 175594	138.2	10.8	9.2	1.0	.7
E 175595	110.5	30.1	24.7	3.2	.5
E 175596	170.6	38.9	5.1	3.3	1.1
E 175597	204.9	55.8	22.2	5.0	2.1
E 175598	116.1	31.7	16.2	2.6	.8
E 175599	53.5	28.8	22.6	3.6	.6
E 175600	88.0	29.0	7.6	3.2	.5
STANDARD DS4	125.0	21.2	26.6	5.3	5.1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
E 175751	89.8	116.9	87.8	4.0	.7
E 175752	88.9	113.4	41.8	4.7	.9
E 175753	78.1	150.0	96.0	4.0	1.1
E 175754	68.0	152.8	212.8	6.0	1.4
E 175755	79.4	318.9	88.4	8.4	1.1
E 175756	117.9	166.3	97.9	9.4	1.0
E 175757	29.3	182.2	113.6	14.3	1.5
E 175758	61.8	95.8	35.4	14.4	.6
E 175759	66.4	107.9	58.3	11.1	.8
E 175760	67.0	332.0	47.0	11.4	1.2
E 175761	63.0	149.6	112.5	10.8	.8
E 175762	62.4	82.9	54.5	6.5	.7
E 175763	139.1	304.3	87.7	8.0	2.0
E 175764	151.6	1712.7	146.3	10.0	2.4
E 175765	103.7	146.5	313.5	3.3	1.5
E 175766	88.1	201.6	141.9	7.8	3.1
E 175767	180.8	352.3	176.1	8.0	2.9
E 175768	148.3	135.1	76.6	4.3	3.1
E 175769	54.9	106.9	70.8	6.0	3.2
E 175770	70.0	110.3	50.8	2.5	1.1
RE E 175770	66.9	109.5	35.7	2.6	1.2
RRE E 175770	64.5	124.0	30.6	2.5	1.1
E 175771	42.1	234.4	26.9	6.4	1.3
E 175772	13.9	52.9	21.0	4.8	1.4
E 175773	68.8	2992.0	247.9	10.4	3.1
E 175774	33.9	795.3	119.4	6.8	1.9
E 175775	28.7	473.3	160.9	5.8	1.2
E 175776	20.3	76.0	33.7	6.1	.8
E 175777	355.7	37.2	12.0	4.6	.6
E 175778	220.6	34.5	9.7	4.9	.7
E 175779	22.2	32.8	6.8	3.9	.3
E 175780	206.4	119.0	19.5	12.9	1.2
E 175781	174.7	125.7	40.9	7.0	1.5
E 175782	39.5	59.6	12.3	2.2	.6
STANDARD DS4	124.7	22.8	25.5	4.9	5.1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
E 175783	191.2	57.0	8.0	2.5	.3
E 175784	86.7	53.1	6.9	4.9	1.7
E 175785	65.3	94.6	11.5	6.1	1.2
E 175786	88.7	59.8	55.8	6.1	1.1
E 175787	65.7	36.8	40.7	5.8	.6
E 175788	39.3	39.7	17.8	6.2	.4
E 175789	76.4	69.8	21.5	7.5	.6
A 177501	60.8	23.9	5.8	5.3	.6
A 177502	45.6	34.6	10.0	11.2	.8
A 177503	36.8	47.6	16.1	11.5	.6
A 177504	24.0	108.1	7.8	3.6	.3
A 177505	44.6	188.7	12.9	20.2	.3
A 177506	17.0	137.6	27.4	32.1	.8
A 177507	24.4	237.9	71.7	50.3	1.8
A 177508	55.4	249.3	37.5	39.3	1.0
A 177509	66.9	16.2	68.7	7.2	2.6
A 177510	61.6	21.0	25.3	5.4	.6
RE A 177510	64.8	22.2	25.2	5.0	.7
RRE A 177510	65.9	20.7	20.5	5.3	.7
A 177511	45.8	28.9	32.3	4.6	1.2
A 177512	49.3	54.0	26.6	7.1	1.3
A 177513	64.3	26.8	16.2	4.5	.4
A 177514	164.2	214.7	125.2	3.1	.9
A 177515	97.2	42.3	19.8	2.5	.8
A 177516	130.2	91.5	65.3	5.9	2.2
A 177517	109.9	91.2	37.3	4.0	1.9
A 177518	56.1	57.2	58.7	4.0	.8
A 177519	102.3	26.7	25.3	4.5	1.2
A 177520	160.0	737.0	55.0	7.1	1.5
A 177521	118.0	428.9	54.5	4.4	1.9
A 177522	229.6	139.1	26.7	3.3	1.0
STANDARD DS4	125.6	22.9	26.4	5.4	5.0

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. File # A203853 Page 1

101 - 222 E. 15th Ave, Vancouver BC V5T 2P6

SAMPLE#

Cu
ppmAs
ppmAu
ppbSb
ppmBi
ppm

SI	1.4	1.4	2.1	<.1	<.1
E 175551	178.1	6620.7	150.3	16.7	3.1
E 175601	83.3	114.4	26.1	34.6	8.0
E 175602	59.1	72.2	20.8	26.7	1.1
E 175603	62.6	200.4	31.5	23.7	1.9
E 175604	84.3	204.4	200.0	41.0	1.3
E 175605	88.6	142.0	57.5	27.2	1.4
E 175606	100.0	260.3	31.1	31.0	1.2
E 175607	73.4	80.3	26.6	18.3	1.4
E 175608	88.4	131.1	23.4	17.2	1.4
E 175609	50.8	103.0	28.2	15.2	.8
E 175610	83.5	246.4	42.5	16.8	1.3
RE E 175610	84.5	253.0	46.6	16.9	1.3
RRE E 175610	82.8	277.2	58.1	18.2	1.3
E 175611	84.1	208.7	62.3	16.6	2.1
E 175612	71.3	154.3	18.4	16.9	1.3
E 175613	58.4	86.5	14.1	14.0	1.1
E 175614	46.9	41.2	26.1	5.4	.9
E 175615	54.9	157.4	26.6	5.1	1.1
E 175616	90.2	265.7	21.9	10.2	1.9
E 175617	74.5	144.7	20.8	8.2	1.5
E 175618	54.8	351.3	11.1	6.0	1.3
E 175619	51.9	51.4	28.8	7.6	1.3
E 175620	68.1	102.1	17.7	14.7	1.3
E 175621	124.0	110.9	29.2	28.0	2.6
E 175790	1244.2	228.1	23.2	17.3	1.5
E 175791	130.5	75.5	22.7	14.3	1.6
E 175792	75.1	64.9	20.0	9.2	1.4
E 175793	71.5	58.3	12.8	16.7	1.0
E 175794	51.7	32.3	6.5	14.5	.8
E 175795	60.9	81.1	32.5	25.1	1.0
E 175796	75.9	220.8	20.5	13.1	.5
E 175797	55.5	26.0	15.1	15.5	.4
E 175798	40.0	134.1	49.0	28.1	1.0
E 175799	42.6	91.9	21.6	17.8	.6
STANDARD DS4	120.2	24.0	31.5	5.0	5.0

GROUP 1DA - 20.0 GM SAMPLE LEACHED WITH 120 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 400 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: CORE R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 16 2002 DATE REPORT MAILED: Sept 26/02 SIGNED BY: C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data LFA *DL*



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
E 1775800	163.9	104.7	11.0	13.1	1.0
E 177523	292.6	319.2	134.4	2.3	2.6
E 177524	47.5	105.6	56.7	2.1	1.4
E 177525	32.9	40.9	58.3	1.9	1.1
E 177526	120.7	75.7	226.7	2.6	2.4
E 177527	103.4	545.4	68.3	3.6	3.0
E 177528	87.8	102.2	44.2	3.8	1.6
E 177529	112.1	1236.9	29.5	6.3	1.6
E 177530	74.9	213.3	170.6	3.7	1.0
E 177531	245.4	280.4	83.1	5.5	1.4
E 177532	49.4	272.9	56.7	4.3	1.2
E 177533	60.0	158.5	17.3	2.6	.4
E 177534	34.7	357.7	22.5	2.9	.4
E 177535	60.5	76.1	21.5	23.4	.6
E 177536	41.9	43.0	58.1	7.4	.4
E 177537	96.2	61.3	32.9	1.2	.5
E 177538	59.4	18.1	11.7	1.8	.4
E 177539	80.8	98.9	147.9	2.0	.6
E 177540	68.3	33.2	66.9	2.4	.5
E 177541	77.7	32.9	121.5	2.7	.5
E 177542	57.7	15.2	24.3	2.2	.4
RE E 177542	58.6	15.3	15.1	2.3	.4
RRE E 177542	58.3	14.7	18.4	2.3	.4
E 177543	60.2	22.7	14.6	1.9	.4
E 177544	82.0	27.9	14.8	2.1	.3
E 177545	70.1	19.3	15.8	.9	.4
E 177546	73.6	15.6	51.7	.7	.3
E 177547	80.2	12.6	60.0	.4	.3
E 177548	70.7	17.9	49.5	.8	.3
E 177549	69.7	22.7	48.1	.6	.3
E 177550	60.2	11.5	76.5	.5	.3
E 177551	61.4	16.5	68.7	1.3	.3
E 177552	60.5	10.0	110.8	1.5	.3
E 177553	66.5	14.0	31.6	.8	.4
STANDARD DS4	121.7	24.0	26.6	4.9	5.0

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
E 177554	84.0	17.6	113.7	.3	.3
E 177555	90.0	17.2	121.5	1.7	.7
E 177556	86.2	16.4	71.7	1.5	.3
E 177557	111.9	24.9	82.4	5.2	1.3
E 177558	88.5	35.9	68.2	4.4	8.2
E 177559	152.5	73.8	666.9	77.6	7.8
E 177560	122.4	20.3	152.1	3.0	.5
E 177561	113.0	16.4	74.3	1.9	.4
E 177562	89.6	19.0	58.4	1.8	.3
E 177563	99.2	20.6	61.2	2.9	.4
E 177564	113.5	21.1	110.4	2.8	.4
E 177565	81.5	19.8	91.5	2.6	.4
E 177566	82.2	14.0	219.2	2.8	.5
E 177567	140.0	21.1	43.4	2.3	.6
E 177568	113.2	17.0	47.1	1.6	.3
E 177569	94.7	22.9	43.0	1.4	.4
E 177570	80.3	20.2	29.1	1.7	.4
E 177571	103.9	38.2	57.0	1.9	.3
E 177572	240.2	53.8	72.8	2.5	.8
E 177573	159.1	68.6	56.8	1.2	.7
E 177574	117.3	80.9	218.9	1.2	1.5
E 177575	71.3	54.6	54.7	1.7	.6
E 177576	54.2	848.6	372.3	11.5	3.6
RE E 177576	50.7	828.3	341.5	10.7	3.6
RRE E 177576	56.8	874.0	317.7	11.5	3.8
E 177577	85.8	56.4	62.8	4.1	.4
E 177578	140.1	286.1	85.9	25.6	4.1
E 177579	52.6	210.1	99.5	8.8	1.0
E 177580	116.0	368.9	351.1	14.6	3.5
E 177581	253.3	634.8	519.0	19.6	3.9
E 177582	324.3	408.7	244.7	11.9	8.1
E 177583	231.4	66.4	98.0	37.9	12.5
E 177584	239.8	210.4	315.6	15.6	4.0
E 177585	139.1	211.8	239.7	4.5	1.3
STANDARD DS4	124.7	23.6	30.0	5.0	4.9

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



ACME ANALYTICAL

ASC Industries Ltd. FILE # A203853

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ACME ANALYTICAL

SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
E 177586	272.4	50.1	236.2	55.8	78.9
E 177587	135.8	56.0	192.5	4.8	2.7
E 177588	84.6	160.6	125.0	12.4	3.1
E 177589	78.3	305.4	172.6	5.4	2.0
E 177590	85.5	68.5	176.0	2.4	1.1
E 177591	95.8	120.4	526.8	3.9	4.9
E 177592	169.1	48.3	52.4	1.3	.5
E 177593	241.6	84.2	126.0	1.3	.9
E 177594	240.8	166.5	198.6	2.2	1.6
E 177595	109.7	51.1	93.3	1.5	1.0
E 177596	322.0	281.4	194.2	1.5	1.4
RE E 177596	315.3	279.2	273.2	1.4	1.4
RRE E 177596	324.9	145.2	158.6	1.0	1.2
E 177597	405.6	268.1	370.0	1.7	2.5
E 177598	175.7	54.4	125.0	1.0	.9
E 177599	136.5	58.3	170.0	1.0	.9
E 177600	55.2	16.0	193.7	.8	.3
E 177601	166.0	19.7	135.8	.7	.4
STANDARD DS4	121.4	23.7	30.0	4.8	5.1

Sample type: CORE R150 60C. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.



GEOCHEMICAL ANALYSIS CERTIFICATE

ASC Industries Ltd. File # A203854

101 - 222 E. 15th Ave, Vancouver BC V5T 2P6



SAMPLE#	Cu ppm	As ppm	Au ppb	Sb ppm	Bi ppm
SI	.9	1.3	5.7	<.1	<.1
E 175651	55.5	137.3	70.9	19.9	1.9
E 175652	259.2	1042.9	1965.6	143.2	37.3
E 175653	113.8	870.3	1117.6	161.2	89.3
E 175654	35.9	184.2	146.6	15.5	1.8
E 175655	194.6	2041.5	1853.1	63.1	12.3
STANDARD DS4	121.4	23.7	30.0	4.8	5.1

GROUP 1DA - 20.0 GM SAMPLE LEACHED WITH 120 ML 2-2-2 HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 400 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C

DATE RECEIVED: SEP 16 2002 DATE REPORT MAILED: *Sept 26/02* SIGNED BY: *C.L.* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS