1991 GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL PROGRAM

ON THE

SNOW CREEK CLAIM GROUP

Omineca Mining Division
NTS: 93L/12E
Latitude: 54 39'N Longitude: 127 40'W

Owned and operated by:

Homestake Canada Ltd.
1000-700 West Pender Street
Vancouver, B.C. V6C 1G8

Report by:

Peter Holbek
January 10, 1992

3180.C.934

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SUMMARY

The Snow Creek property is located 30km west-southwest of Smithers, B.C. in the Omineca Mining Division. The property consists of 88 units in five claims currently held by Homestake Canada Ltd. under option from Pacific Rim Mining Corp, both of Vancouver, B.C. Access to the property is currently by helicopter. Well maintained logging roads occur 15km to the north and 12km to the south of the property.

The claims were staked in 1987 following the discovery of precious and base metal bearing sulphide mineralization within the Snow Creek drainage. The discovery was made during follow-up prospecting of a stream sediment anomaly obtained by the joint federal-provincial government RGS program. Initial exploration on the property was conducted by Lornex Mining Corporation Ltd. in 1988 and consisted of prospecting, soil geochemical and IP and VLF-EM geophysical surveys. Results of this work defined a 600m long zone within the Snow Creek canyon that was sporadically mineralized and contained grades of up to 178.6g/t Au and 2315.7g/t Ag in float and 6.34g/t Au and 56.6g/t Ag in outcrop. Additionally the geophysical and geochemical surveys suggested that sulphide mineralization could extend beyond the Creek exposures into the heavily overburden covered areas.

The 1991 exploration program consisted of detailed geologic mapping, "fill-in" soil geochemistry, and VLF-EM and magnetometer geophysical surveys. Mineralization, which consists of pyrite and lesser base metal sulphide minerals, occurs as disseminated fracture coatings to semi-massive pods and veins. Mineralization is exclusively hosted by extensively faulted and fractured mafic pyroclastic and flow rocks of the Telkwa formation of the Hazelton Group. The mineralized volcanic rocks have been intruded by megacrystic feldspar porphyry dykes and sills. Spatial association of IP chargeability anomalies with magnetic lows and multi-element soil geochemical anomalies indicate that sulphide mineralization likely occurs over significantly large areas and is predominantly controlled by north and west-northwest trending structures. Potential exists for both bulk tonnage, disseminated low grade gold-silver deposits as well as smaller base and precious metal bearing sulphide-rich bodies or pipes.

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1 INTRODUCTION

1.1 Location and Access

The Snow Creek property is located 30km southwest of the town of Smithers, B.C., on the eastern side of the Coast Mountain range and is covered by NTS map 93L/12E (Fig. 1.1). The property is cut by Snow Creek a north flowing tributary of Serb Creek, which flows into the Zymoetz (Copper) River. The approximate centre of the property has geodetic coordinates of 54° 39' N latitude and 127° 40' W longitude.

Access to the property is best provided by helicopter from Smithers. The McDonnell Lake logging road from Smithers provides two-wheel drive access to within 15km northwest of the property. Alternatively, the logging road which follows the Telkwa River from the town of Telkwa provide access to within 11km of the property at the point where it crosses Tsai Creek (Fig. 2.1).

1.2 Claim Status

The property consists of five claims which contain a total of 88 units or 2,200 hectares. Claims are presently held by Homestake Canada Ltd. under option from Pacific Rim Resources Ltd. Both companies are based in Vancouver, B.C. All claims are currently grouped into the Snow91 Group. Claim configuration can be seen in Figure 1.2 and claim data is summarized in Table 1, below.

Claim Name	Record #	Units	Expiry Date
Snow 1	8858	20	Aug. 27, 1995
Snow 2	8859	20	Aug. 27, 1995
Snow 3	9067	20	Oct. 21, 1995
Snow 4	9187	8	Nov. 13, 1995
Snow 5	9188	20	Nov. 13, 1995

1.3 Physiography and Climate

Physiography of the property area is variable but overall moderately rugged. Elevations vary from 980 to 1850m. Much of the property area is covered with mature spruce forest. Treeline occurs at about 1370m. Most of the exploration work conducted to date has been in the Snow Creek valley, a broad glacial, north trending, U-shaped valley. Outcrop is restricted to water courses which follow fault and fracture zones and typically form deeply incised canyons. Overburden depths are highly variable ranging from 1 to greater than 25m suggesting an irregular bedrock surface.

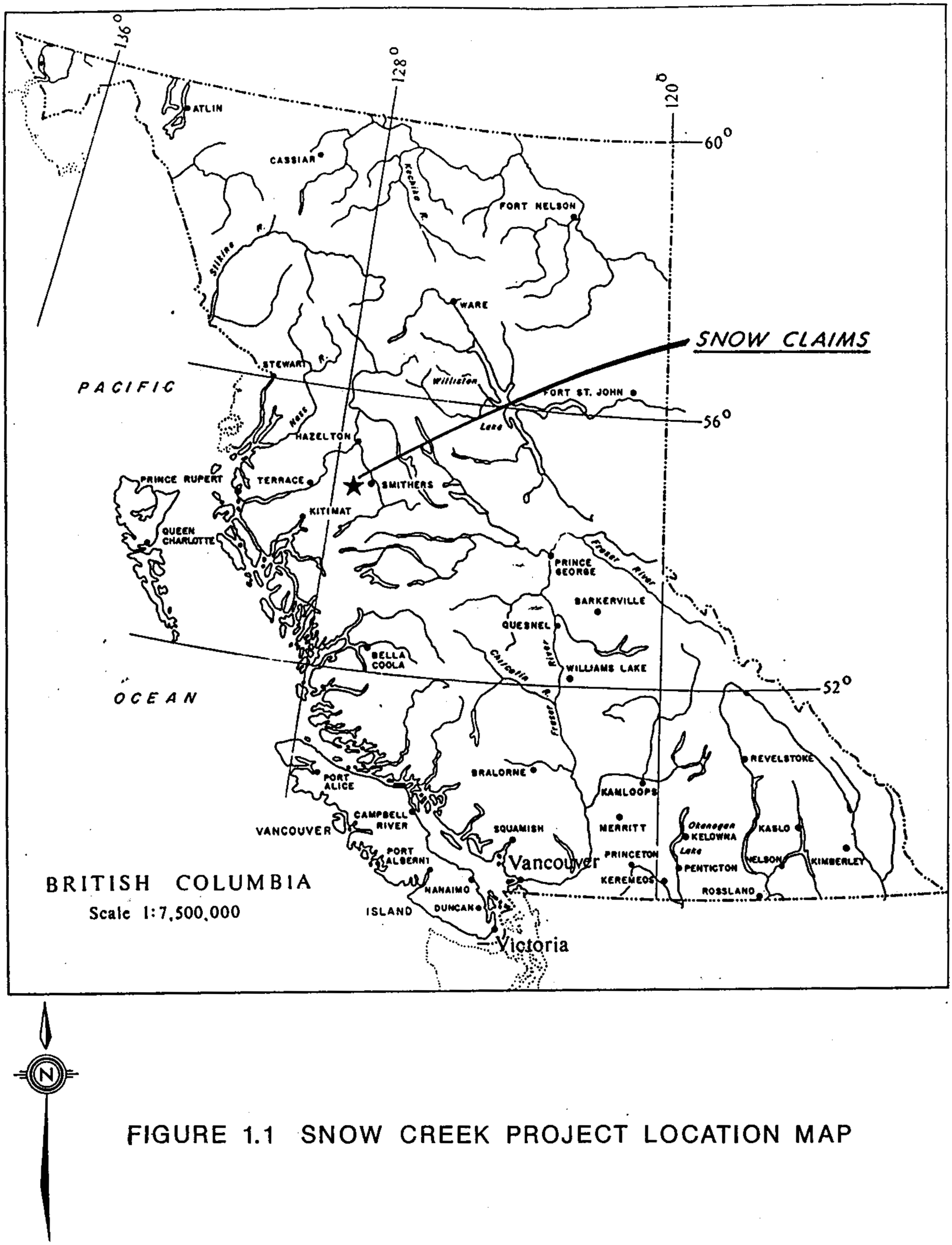
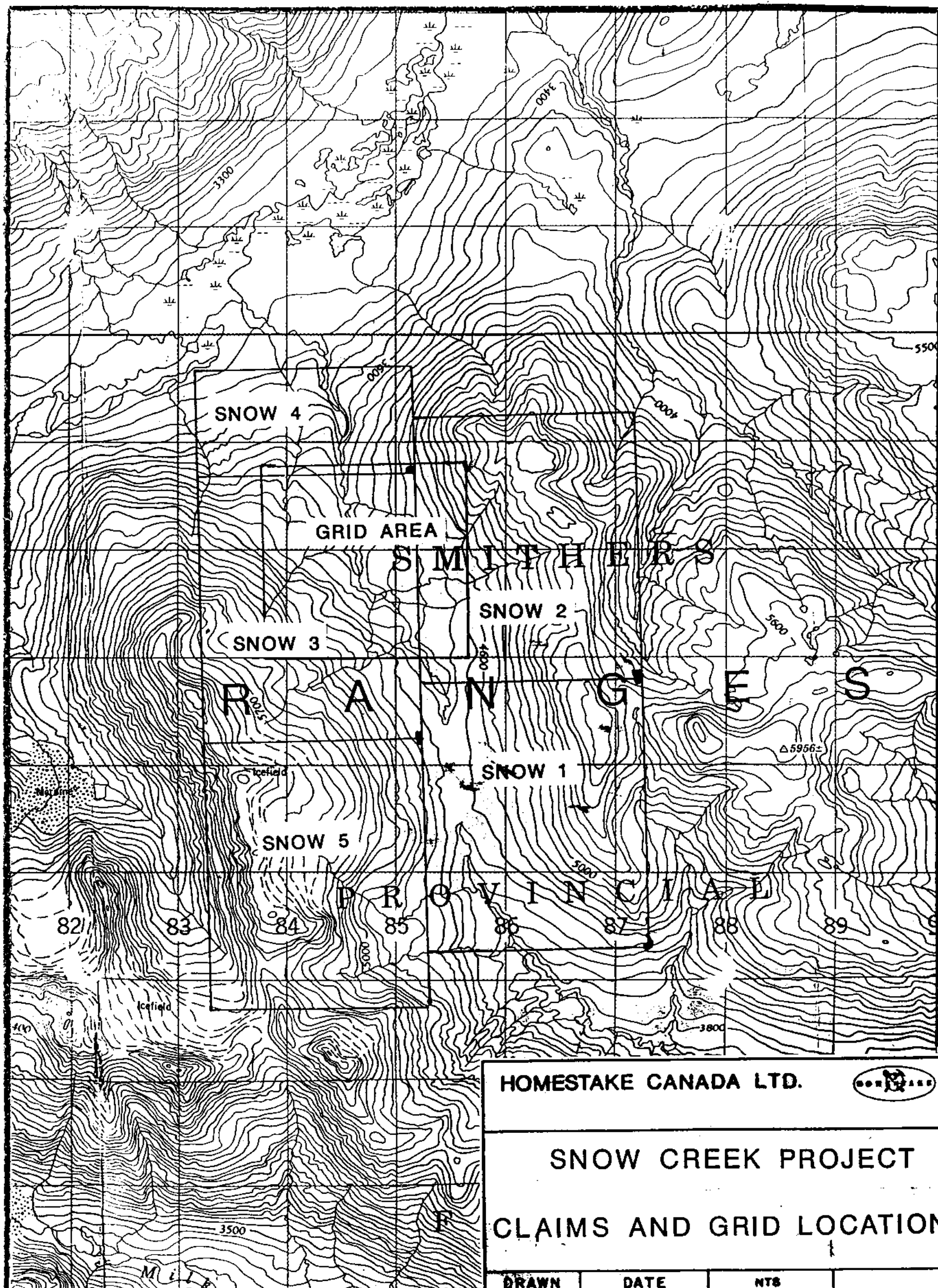


FIGURE 1.1 SNOW CREEK PROJECT LOCATION MAP



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SNOW CREEK PROJECT

CLAIMS AND GRID LOCATION

DRAWN	DATE	NTS	
PMH	Nov.,1991	93L/12E	Fig. 1.2
Revised			

Climate is typical for northern, mountainous areas with cool wet summers and cold dry winters. Freezing temperatures occur for approximately six months of the year. Soil profiles show good soil development with 4 to 15cm of leached A horizon and 50 to 150cm of B horizon over top of C horizon and/or glacial till. Peat bogs and swampy areas are common.

1.4 Exploration History

Mineral claims were originally staked by H. Van Alphen of Smithers, B.C. following prospecting of a 170ppb Au stream sediment anomaly obtained by the federal and provincial government regional geochemical survey (RGS) for the Smithers (93L) map area. The property was optioned from Van Alphen by Lornex Mining Corporation Ltd. (now called Rio Algom) of Vancouver, B.C. Lornex conducted an exploration program in 1988 consisting of geological mapping and rock sampling, soil geochemistry, and induced polarization and VLF-EM geophysical surveys. Lornex's work identified numerous mineralized zones within the Snow Creek canyon believed to be associated with the intersection of a north trending regional fault and splay structures. Grades associated with the mineralized zones range from geochemically anomalous to highs of 178.6 g/t Au, 2315.7 g/t Ag and 6.85% Cu. Several small areas with anomalous gold, silver and copper values in soils were identified peripheral to the creek mineralization.

1.5 Current Work

The objective of the 1991 exploration program was to define the extent and controls of mineralization such that the property could be drill tested if warranted. Previous work had already identified exposed mineralized areas within Snow Creek as well as indicated other potentially mineralized areas corresponding to IP chargeability and soil geochemical anomalies. However, additional work, consisting of detailed geological mapping, "fill-in" soil geochemistry and detailed VLF-EM and magnetometer surveys, was required in order to accurately define the extent and controls of the mineralization and thereby assess its potential.

The exploration program was carried out over ten days between September 2 and September 30, 1991. To facilitate geological mapping and grid control a 1:2,500 scale topographic map was produced from 1:38,000 scale, 1988 B.C. government airphotos by Nadir Mapping Ltd. of Vancouver. Geological mapping was performed at 1:1,000 scale over a 4 square kilometre area approximately centred on the Snow Creek drainage. Geological and rock sampling data was compiled on a 1:2,500 scale base map. A total of 792 soil geochemical samples were collected from 25m stations along grid lines spaced at 100m. These grid lines were established between existing 100m spaced lines in order to yield a 25 by 50m sample grid. Geophysical VLF-EM and magnetometer surveys were conducted on 50m spaced grid lines at 12.5 or 25m stations. A total of

23.1 line kilometres of geophysical surveying was completed in the same area as the geological mapping and geochemical sampling.

2 GEOLOGY

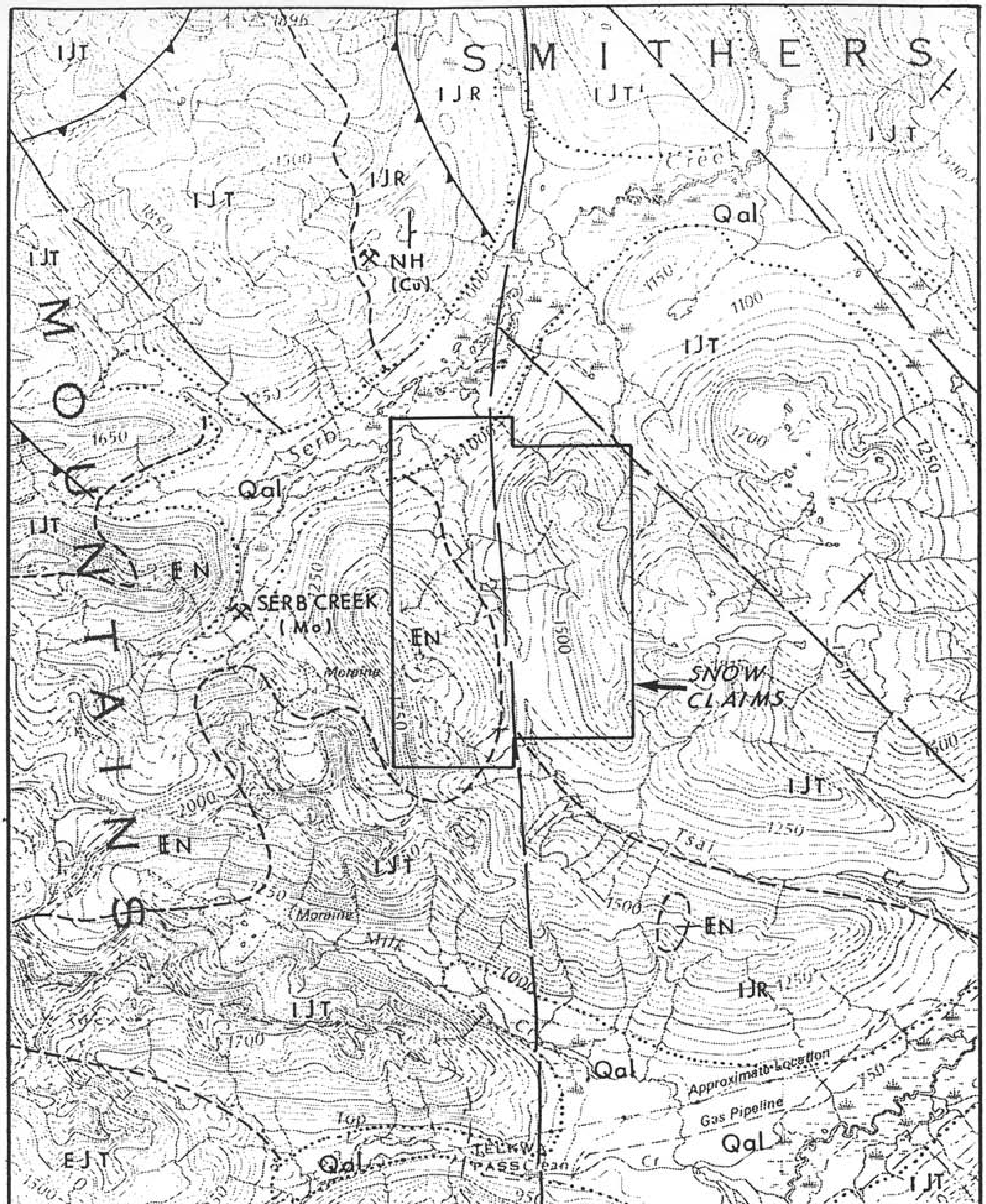
2.1 Regional Geologic Setting

The Snow Creek property lies near the western edge of the Intermontane Tectonic Belt (Stikine Superterrane of Monger (1982)) and just north of the axis of the Skeena arch, a northeasterly trending zone of mesozoic uplift and plutonism (Carter, 1981). The property region is predominantly underlain by volcanic rocks of the Hazelton Group which represents an island-arc volcanic and sedimentary assemblage deposited during the Early to Middle Jurassic. The Hazelton Group as defined by Tipper and Richards (1976) has been subdivided into three formations on the basis of age and depositional environment. The oldest, termed the Telkwa formation is a widespread and voluminous pile of calc-alkaline volcanic rocks which, in turn, has been divided into five distinctive depositional facies. The Howson subaerial facies is the most southwesterly of the five depositional facies and underlies much of the property area. The Howson facies is predominately comprised of pyroclastic rocks of andesitic composition with minor rhyolite, basalt flows and intercalated sedimentary rocks. No stratigraphic section can be defined as typical for the facies but the commonest strata include bright red, maroon, purple, pink, grey or green well-bedded ash tuff, crystal-lithic tuff, lapilli tuff, lahars and fine to coarse grained breccias.

A variety of intrusive rocks are common to the region. The Topley intrusions of Early Jurassic age form a northeast trending belt of stocks and small batholiths that extends from the eastern margin of the Coast Plutonic Complex near Morice Lake to the Babine Lake area (Carter, 1981). These rocks display calc-alkaline affinities and range in composition from quartz diorite to quartz monzonite. The similarity in age and composition between the Topley intrusions and the Telkwa formation, as well as the proximity of the intrusions to the thickest accumulations of Telkwa volcanic rocks has led many workers to postulate that the Topley intrusions represent the eruptive centres of the volcanic rocks. Carter (1981) notes that the Topley intrusions do not appear to be associated with significant economic mineral deposits.

The Bulkley intrusions consist of a chronologically and compositionally similar suite of intrusive rocks that occur in a northerly trending belt within the centre of Stikinia. The rocks are Late Cretaceous in age and typically occur as small stocks of porphyritic granodiorite and quartz monzonite. The Bukley intrusions host significant copper-molybdenum and molybdenum-tungsten deposits (Carter, 1981).

The large intrusive body that forms the southwestern part of the property area



Qal	Quaternary alluvium
lJR	Nilkitwa Fm. Red tuff, breccia
lJT	Telkwa Fm. Red-green tuff, flows, breccia.
EN	Nanika Intr. Quartz monzonite
EJT	Topley Intr. Rhyolite

(REF.: 1976, Tipper, O.F. 351)

scale 1:100 000 (0 1 2 3 4 km)

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SNOW PROJECT

REGIONAL GEOLOGY

DRAWN	DATE	NTS	
PMH	Oct., 1991	93L/12E	Figure 2.1

Revised

(Figures 2.1 and 2.2) was originally documented as belonging to the Eocene Nanika intrusions by Tipper and Richards (1976). However, work by Carter (1981) and by the author indicate that compositionally this intrusion is more appropriately grouped with the Eocene plutons of the Coast Plutonic Complex.

District scale mapping (Tipper and Richards, 1976) shows the stratified rocks of the area to occur as large fault-bounded blocks that have been displaced both laterally and vertically relative to one another. Some rotation of fault blocks is also documented. The dominant trend of the faults is northwest with subordinate northeast and north trends. The regional map (Fig. 2.1) indicates a major north trending fault which approximately bisects the property but does not juxtapose different rock groups within the claim area.

2.2 Property Geology

2.2.1 General Geology and Stratigraphy

Distribution of the major rock units within the study area is shown in Figure 2.2. Bedrock exposure within the area mapped is restricted to areas above treeline and the major water courses, consequently the geology for much of the property is only inferred or unknown. Contact relations between the different units are also invariably obscured by fault movement.

The oldest rocks within the area are pyroclastic and minor flow rocks of the Howson facies of the Telkwa formation. Although a number of different lithologies are recognized within this unit, poor exposure and time constraints prevented a meaningful subdivision of this formation during mapping. Lithologies include maroon, dark green and dark grey to black lithic-ash tuffs, crystal-ash tuffs, lapilli tuffs and fine to medium grained breccias. Thin, fine-grained, dark green amygdaloidal flows were observed at two localities. In general, green and maroon lithologies were more prevalent in the northern part of the map area whereas the dark grey to black lithologies were more common in the southern map area. All of the lithologies were non-magnetic. Most outcrops showed evidence of moderate to intense strain and primary features such as bedding were obscured. Where bedding was observed it most commonly displayed moderate to steep easterly dips in contrast to the nearly flat lying stratigraphy exposed on the mountain immediately to the northeast of the property.

Flow banded rhyolite and brecciated equivalents are exposed in Snow Creek and on the easternmost boundary of the claim group and are distinctive enough to be assigned to a separate unit. Dark and light grey alternating bands about 3mm in width, and a highly silicious composition make this unit easily recognizable. Contacts between this unit and surrounding pyroclastic rocks are not exposed but location of the rhyolite suggests it is either intrusive into the surrounding rocks or occurs within uplifted fault blocks. Tipper and Richards (1976) note that rhyolitic rocks, including flow banded domes, flows and welded tuffs are common within the Howson facies of the Telkwa formation.

The remaining units within the mapped area are all intrusive. These rocks have been assigned to various chronological groups on the basis of textural and chemical similarities to descriptions by Carter (1981). The oldest intrusive rock observed on the property is a leucocratic quartz-feldspar porphyry. It occurs as elongate bodies, presumably dykes, although both morphology and contacts are obscured by faults and/or younger intrusions. Crowded fine-grained quartz and feldspar phenocrysts in a light grey to creamy tan, aphanitic matrix and the virtual absence of mafic minerals make this unit distinctive. It is proximal to mineralization but does not appear to be mineralized. Compositional similarity suggests it is an intrusive equivalent of the flow banded rhyolite.

Megacrystic feldspar porphyry underlies a significant part of the mapped area. The unit is distinctive with about 10% pink to orange, euhedral to subhedral, poikilitic orthoclase phenocrysts that range in size from 0.5 to 2.0cm set in a medium grey matrix containing fine-grained phenocrysts of biotite, quartz, plagioclase and hornblende. Proportion and size of the quartz phenocrysts and the ratio of hornblende to biotite is highly variable. Typically, the unit is strongly magnetic. This unit is intrusive into all units on the property, with the possible exception of the quartz diorite batholith to the southwest of the mapped area, and occurs as tabular to irregular dykes, sills and plugs. Many of the outcrops of this unit display a sheeted aspect which may be due to a cooling feature or to multiple intrusive injections. Most of the linear contacts appear to have shallow dips to the south. On the basis of mineralogy, texture and composition this unit has been tentatively assigned to the Bulkley intrusions.

The final map unit is the quartz diorite that forms the edge of a large pluton located on the southwestern part of the property. Where examined on the small bluffs along treeline, the rock is a fresh biotite-hornblende quartz diorite (plag >> orthoclase) with no foliation. Approximately parallel to the inferred contact of this pluton are a number of small exposures of quartz-epidote greenstones which likely represent baked and skarnified volcanic rocks along the contact zone. A small outcrop of similar, but biotite only, quartz diorite is exposed in a small creek on the northeastern side of the mapped area (Fig. 2.2). This unit is only weakly magnetic.

2.2.2 Structure

Almost all of the exposures of volcanic rocks and most of the contacts of the intrusive rocks show evidence of strain and shearing. Shear fabrics are best developed and exposed in the upper reaches of Snow Creek where flat lying green and maroon mylonite zones commonly form the stream bed. In the lower reaches of Snow Creek or the central part of the map area strain fabrics are less pronounced, although a weak to intense foliation of the volcanic rocks and narrow clay gouge zones are common. Foliations and faults display a wide range of attitudes, but can be classiifed into the following groupings: north-trending with steep east or west dips, flat to gentle southerly dips, northwest trending with moderate northeasterly dips and northeast trends with shallow to moderate northwesterly dips.

In spite of common observation of shear fabrics and gouge zones parallel to Snow Creek, there is no obvious displacement of units from one side of the Creek to the other. It is possible that some displacement occurred between similar volcanic lithologies prior to the emplacement of the megacrystic feldspar porphyry intrusions. However, most lithological units and contacts cross the creek without any apparent or significant offset. In contrast, there are numerous examples where northwest and northeast trending faults have caused offset. In most of these cases the offset appears to be in the order of a few to a few tens of metres.

2.3.2 Mineralization

Mineralization on the property consists of disseminated and fracture controlled sulphide minerals within andesitic volcanic rocks. Sulphide content is highly variable ranging from a few tenths of a percent to five percent for the disseminated mineralization and to greater than 60% (over small widths) for the fracture controlled mineralization. Pyrite is the dominant sulphide with minor chalcopyrite and sphalerite and rare galena. Mineralization is exposed sporadically along a 750m section of Snow Creek and in adjacent tributaries. Alteration associated with sulphide mineralization is negligible and gangue mineralogy consists of minor amounts of calcite and even lesser quartz. Commonly, maroon volcanic rocks will have turned pale green in and around areas of sulphidation, although pale green volcanic rocks also exist in unmineralized areas.

Fracture controlled mineralization can range from very fine-grained multi-directional fracture coatings to regularly layered, 2mm thick, sheets of massive sulphide to pods and veins of semi-massive to massive sulphides. Weakly mineralized outcrops that are exposed within the tributaries of Snow Creek indicate the potential for more extensive areas of disseminated mineralization. Gold and silver are associated with the sulphide mineralization and appear to correlate with the amount of sulphide present.

Previous workers noted an association between the megacrystic feldspar porphyry unit (FSPP) and sulphidation of the volcanic rocks. More detailed examination reveals that almost invariably the emplacement of the intrusive rocks occurred after deposition of the sulphide minerals within the volcanic rocks. Although the clay filled fault and fractures within the FSPP can contain fine-grained disseminated pyrite, numerous samples collected for assay failed to yield anomalous precious metal values. The spatial correlation between the dykes and sulphide mineralization appears to be a case of the mineralizing fluids and the intrusions travelling the same structural paths. Additionally, because the intrusive-volcanic contacts are so numerous there is a high probability that some contacts will occur near mineralization, indeed unmineralized intrusive-volcanic contacts greatly exceed the number of mineralized ones. Pyrite hosted by clay gouge zones is typically medium to coarse-grained and euhedral suggesting a post deformation thermal event which resulted in re-crystallization of the sulphides.

Mineralization collected as rock chip or grab samples was analyzed for gold and silver by fire assay techniques and for an additional 29 elements by ICP methods. Analytical techniques and results are included in Appendix IV. Significant results from the current and preceding exploration programs are posted on the geological map (Fig. 2.2).

3 SOIL GEOCHEMISTRY

3.1 Methods

The purpose of the soil geochemical survey was to define potential mineralized zones in overburden covered areas peripheral to the exposed mineralization in Snow Creek. Two previous soil geochemical surveys (Cope, 1988) had been performed on 100m spaced grid lines; one with an east-west orientation the other with a north-south orientation. These surveys resulted in a box pattern of samples that made it difficult to define potential trends to the mineralization. The current survey consisted 50m spaced "fill-in" lines along an east-west orientation as well as extending the grid to the east and west. Soil samples were collected from the B horizon at 25m intervals along 50m spaced, chained and flagged lines. Samples were collected using shovels at depths from 30 to 60cm. Samples were placed in kraft paper bags and air dried before shipment to Acme Analytical Laboratories in Vancouver.

Soil samples were dried, sieved to -80 mesh and a 1.0 gram sub-sample was digested in a hydrochloric-nitric acid solution at 95 C for one hour prior to analysis by Induction Coupled Plasma techniques. Gold was analyzed by fire assay pre-concentration of a 10g sub-sample followed by an ICP finish. The digestion technique is partial for the following elements: Mn, Fe, Sr, Ca, P, La, Cr, Mg, Ba, Ti, B, W, Na, K, and Al.

The current data set was merged with the Lornex data following location corrections and statistical analysis of the individual data sets. The Lornex samples were analyzed by Acme Analytical Ltd. using the same methods as outlined above but with slightly different digestion techniques. All of the elements within the merged data set were statistically analyzed and checked for significant correlations. Threshold values were determined for significant elements using a combination of histograms and cumulative probability plots (Sinclair, 1974). Symbol plots for the "significant" elements were plotted and analyzed for meaningful distributions. Contoured value plots for copper, zinc, silver and gold are included with this report (Figures 3.1 and 3.2). All statistical analysis and element plotting was performed on Techbase software by MINEsoft Ltd. of Denver, Co.

3.2 Description of Results

Comparison of the 1988 (Cope, 1988) and 1991 data sets shows that for almost all elements there is a slight increase in the mean and median values. However, threshold values defining anomalous populations associated with mineralization were essentially the same for the two data sets. The differences between the data sets is attributed to greater sample depths for the 1991 data and collection of a greater proportion of samples from geologically favourable areas. The differences are not significant enough to prevent merging of the data sets and interpretation of all the data. The merged data set consists of 1500 samples and is described below.

Summary statistics for the soil geochemical results are presented in Table 3.1 and a correlation matrix is shown in Table 3.2. Histograms and cumulative probability plots were produced for elements of interest and threshold values were selected to distinguish between mineralized and unmineralized populations. The three measures of central tendency, the mean ,median and mode show distinctive spreads for the trace elements, typical of log-normal distributions, and similar results for the major elements, common to normally distributed populations. For those elements with single mode, normal populations, such as Fe and Ca, maps with symbol sizes proportional to values above the 60th percentile were produced.

To aid the evaluation of multi-element data, element correlations were investigated (Table 3.2). The most significant correlations, with r values greater than 0.9, were between Au-Ag and La-Ba. Both of these correlations were higher than expected from analysis of map plots and are biased by strong association of the extremely high values. The significant inter-element correlations between Cu, Zn, Au, and Ag are to be expected based on the nature of the mineralization. Because base and precious metal values are associated with pyrite it was anticipated that there might be a significant correlation between these metals and Fe but such was not the case. Both Cu and Zn are correlated with Ca and La whereas Au and Ag are not. Based on correlations potential pathfinder elements for Au and Ag include, in order of correlation strength, Cu, As, Pb and Zn. Mn, Ba and La are moderately associated with Cu and Zn but less so with the precious metals. Au-Ag and Cu-Zn map plots are included in this report.

Cumulative probability plots and histograms for Au, Ag, Cu and Zn are shown in Figures 3.4 to 3.7. Threshold selection is after the method outlined by Sinclair (1986, 1974). Figures 3.4 and 3.5 indicate bimodal populations for Cu and Zn, separation of these populations is made easier by the use of probability plots, although there is always

TABLE 3.1 SNOW CREEK PROJECT SOIL GEOCHEMISTRY SUMMARY STATISTICS

Element	Mo	Cu	Pb	Zn	Ag	Au	As
Number	1500	1500	1500	1500	1500	1499	1500
Minimum	1	1	2	7	0.1	1	2
Maximum	347	1926	1707	2106	242.3	7313	148
Range	346	1925	1705	2099	242.2	7312	146
Mean	3.06	42.02	29.67	110.86	1.337	20.87	11.20
Median	2.0	23.0	23.0	82.0	0.70	6.0	10.0
Mode	1	15	22	73	0.5	1	2
Std Dev	13.19	110.47	53.45	126.20	6.727	198.36	9.07
Variance	174	12204	2857	15926	45.3	39347	82
Coef Var	431.44	262.88	180.16	113.84	502.96	950.34	81.00
Skewness	23.85	11.49	22.44	7.09	31.69	33.57	5.87
Kurtosis	614.58	162.47	658.10	77.07	1105.00	1217.96	67.76

Element	Mn	Co	Ni	La	Ba	P	Fe
Number	1500	1500	1500	1500	1500	1500	1500
Minimum	21	1	1	2	4	0.006	0.14
Maximum	88446	49	57	369	3777	21.000	24.28
Range	88425	48	56	367	3773	20.994	24.14
Mean	978.47	6.75	7.77	12.88	98.25	0.0802	4.9835
Median	438.0	6.0	7.0	10.0	81.0	0.0560	4.770
Mode	391	5	7	9	67	0.050	4.40
Std Dev	3613.52	4.26	4.84	14.67	143.90	0.5424	2.1260
Variance	13057526	18	23	215	20706	0.294	4.52
Coef Var	369.30	63.18	62.34	113.91	146.46	676.18	42.66
Skewness	19.61	3.11	2.99	12.92	22.42	38.25	1.48
Kurtosis	457.84	21.27	20.28	258.73	566.97	1471.99	8.72

Element	Ca	Mg	Sr	Cd	Cr
Number	1500	1500	1500	1500	1499
Minimum	0.01	0.01	3	0.0	1
Maximum	4.88	154.00	454	42.2	120
Range	4.87	153.99	451	42.2	119
Mean	0.1943	0.5386	28.06	1.668	19.36
Median	0.090	0.400	18.0	1.30	18.0
Mode	0.05	0.43	10	0.2	19
Std Dev	0.3467	3.9758	37.21	1.878	9.27
Variance	0.12	15.81	1384	3.5	86
Coef Var	178.44	738.24	132.58	112.62	47.90
Skewness	5.83	38.34	5.05	9.19	2.31
Kurtosis	47.55	1476.83	35.10	164.02	16.23

TABLE 3.2 SNOW CREEK PROJECT SOIL GEOCHEMISTRY PEARSON CORRELATION COEFFICIENTS

	Mo	Cu	Pb	Zn	Ag	Au	As	Mn	Fe	Ca	Mg	Ba	La	P	Ni	Co
Mo	1.	0.0597	0.0373	0.0229	0.0546	0.0549	0.1451	0.1405	0.1741	0.0260	-0.0050	0.0341	0.0325	-0.0014	-0.0026	0.2999
		>95	<90	<90	>95	>95	>99	>99	>99	<90	<90	<90	<90	<90	<90	>99
Cu	0.0597	1.	0.2705	0.4400	0.5227	0.4704	0.2662	0.1594	-0.0445	0.2288	0.0229	0.0735	0.3752	0.0348	0.1152	0.2029
	>95		>99	>99	>99	>99	>99	>99	>90	>99	<90	>99	>99	<90	>99	>99
Pb	0.0373	0.2705	1.	0.1855	0.3554	0.2915	0.2313	0.0439	0.0992	0.0471	0.0025	0.0182	0.0947	0.0033	0.1045	0.1483
	<90	>99		>99	>99	>99	>99	>90	>99	>90	<90	<90	>99	<90	>99	>99
Zn	0.0229	0.4400	0.1855	1.	0.0937	0.0438	0.2555	0.2017	-0.0506	0.3664	0.0972	0.2078	0.3929	0.0960	0.3561	0.3511
	<90	>99	>99		>99	>90	>99	>99	>95	>99	>99	>99	>99	>99	>99	>99
Ag	0.0546	0.5227	0.3554	0.0937	1.	0.9536	0.4166	0.0340	0.0491	0.0563	0.0027	0.0209	0.1146	0.0113	-0.0264	0.0419
	>95	>99	>99	>99		>99	>99	<90	>90	>95	<90	<90	>99	<90	<90	<90
Au	0.0549	0.4704	0.2915	0.0438	0.9536	1.	0.4182	0.0035	0.0612	-0.0065	0.0309	-0.0024	0.0141	0.0241	-0.0299	0.0438
	>95	>99	>99	>90	>99		>99	<90	>95	<90	<90	<90	<90	<90	<90	>90
As	0.1451	0.2662	0.2313	0.2555	0.4166	0.4182	1.	0.1719	0.3861	0.0645	-0.0188	0.1865	0.1166	-0.0112	0.2262	0.2915
	>99	>99	>99	>99	>99	>99		>99	>99	>95	<90	>99	>99	<90	>99	>99
Mn	0.1405	0.1594	0.0439	0.2017	0.0340	0.0035	0.1719	1.	0.2185	0.1504	0.0021	0.9197	0.1432	0.0154	0.0265	0.5351
	>99	>99	>90	>99	<90	<90	>99		>99	>99	<90	>99	>99	<90	<90	>99
Fe	0.1741	-0.0445	0.0992	-0.0506	0.0491	0.0612	0.3861	0.2185	1.	-0.2690	-0.0344	0.1720	-0.1994	-0.0365	0.1260	0.2769
	>99	>90	>99	>95	>90	>95	>99	>99		>99	<90	>99	>99	<90	>99	>99
Ca	0.0260	0.2288	0.0471	0.3664	0.0563	-0.0065	0.0645	0.1504	-0.2690	1.	-0.0005	0.2020	0.3521	0.0101	0.1803	0.1561
	<90	>99	>90	>99	>95	<90	>95	>99	>99		<90	>99	>99	<90	>99	>99
Mg	-0.0050	0.0229	0.0025	0.0972	0.0027	0.0309	-0.0188	0.0021	-0.0344	-0.0005	1.	-0.0176	-0.0089	0.9945	0.0249	0.0206
	<90	<90	<90	>99	<90	<90	<90	<90	<90	<90		<90	<90	>99	<90	<90
Ba	0.0341	0.0735	0.0182	0.2078	0.0209	-0.0024	0.1865	0.9197	0.1720	0.2020	-0.0176	1.	0.0965	-0.0087	0.0503	0.4560
	<90	>99	<90	>99	<90	<90	>99	>99	>99	>99	<90		>99	<90	>90	>99
La	0.0325	0.3752	0.0947	0.3929	0.1146	0.0141	0.1166	0.1432	-0.1994	0.3521	-0.0089	0.0965	1.	0.0248	0.0551	0.1334
	<90	>99	>99	>99	>99	<90	>99	>99	>99	>99	<90	>99		<90	>95	>99
P	-0.0014	0.0348	0.0033	0.0960	0.0113	0.0241	-0.0112	0.0154	-0.0365	0.0101	0.9945	-0.0087	0.0248	1.	-0.0184	-0.0006
	<90	<90	<90	>99	<90	<90	<90	<90	<90	<90	>99	<90	<90		<90	<90
Ni	-0.0026	0.1152	0.1045	0.3561	-0.0264	-0.0299	0.2262	0.0265	0.1260	0.1803	0.0249	0.0503	0.0551	-0.0184	1.	0.5821
	<90	>99	>99	>99	<90	<90	>99	<90	>99	>99	<90	>90	>95	<90		>99
Co	0.2999	0.2029	0.1483	0.3511	0.0419	0.0438	0.2915	0.5351	0.2769	0.1561	0.0206	0.4560	0.1334	-0.0006	0.5821	1.
	>99	>99	>99	>99	<90	>90	>99	>99	>99	>99	<90	>99	>99	<90	>99	na

a certain amount of overlap. Threshold values of 58ppm for Cu and 124ppm for Zn were selected from the probability plots ans are substantially different from arbitrarily taking the mean plus standard deviation (152ppm and 237ppm, respectively.) Au and Ag also appear to have distributions made up of two log-normal populations (Figs. 3.6 and 3.7) although the area of overlap between the two populations is greater than that of Cu or Zn. In both cases the upper population is comprised of the upper 3 to 5% of samples. Selecting thresholds from the lower part of the population overlaps yields values of 30ppb for gold and 2.0ppm for silver.

Gold and silver anomalies are spatially associated and usually co-incident. The 2.0 and 5.0ppm silver contours are shown on Fig. 3.1 and display relatively small and discontinuous anomalous areas. However, distribution of the anomalous areas shows some clear trends. Both individual anomalies and clusters of anomalies display well-defined west-northwesterly and northerly trends. A broad zone, approximately 400m that trends west-northwest from grid area 1400N, 9250E to 2000N, 7500E contains most of the anomalous values on the grid. The westerly end of this trend is made up of the largest and strongest anomaly, a roughly elliptical shaped anomaly with dimensions of 350 by 200m and a silver high of 42.5ppm.

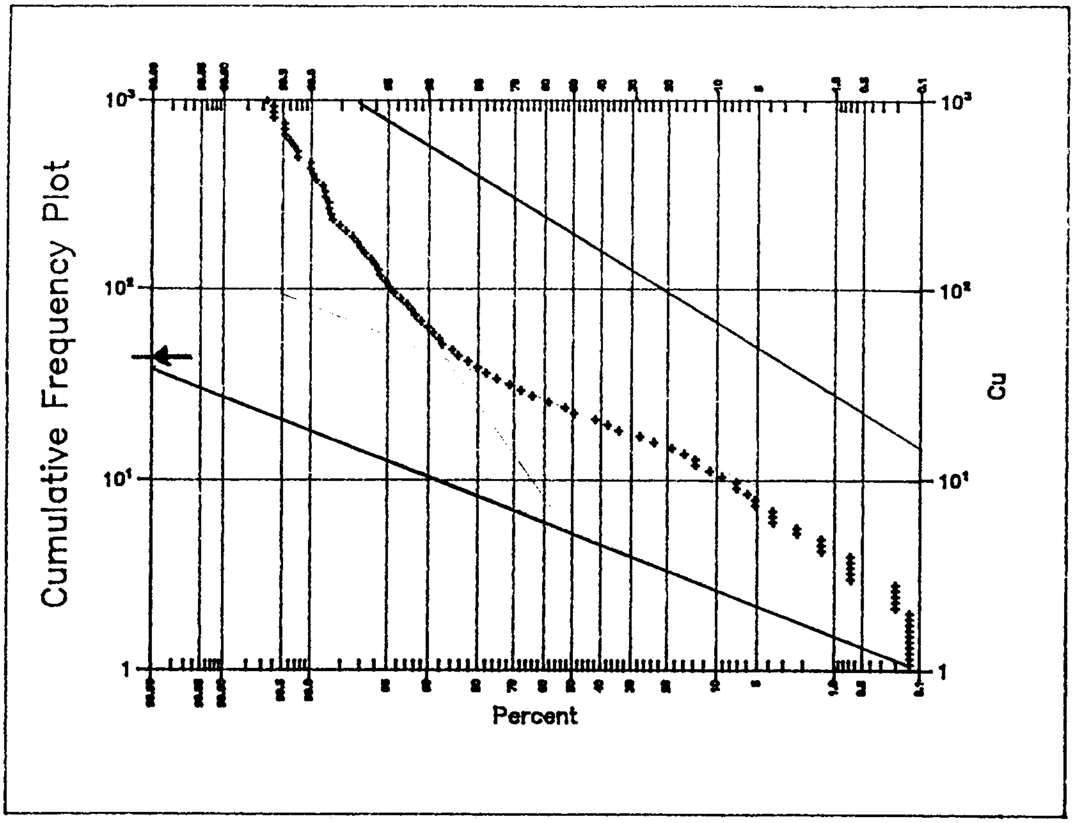
Base metal anomalies are best shown on the symbol plot (Fig. 3.3). Like the gold-silver map base metal anomalies are small and discontinuous but distinctly cluster in a broad west-northwesterly trending zone. The largest area of continuous base metal anomalies coincides with that of Au and Ag and is roughly circular with a diameter of 400m centred on 1900N, 7700E. Cu and Zn anomalies are slightly offset to the north relative to the precious metal anomalies. Anomalous parts of the grid are open to the east and the northwest.

3.3 Interpretation of the Results

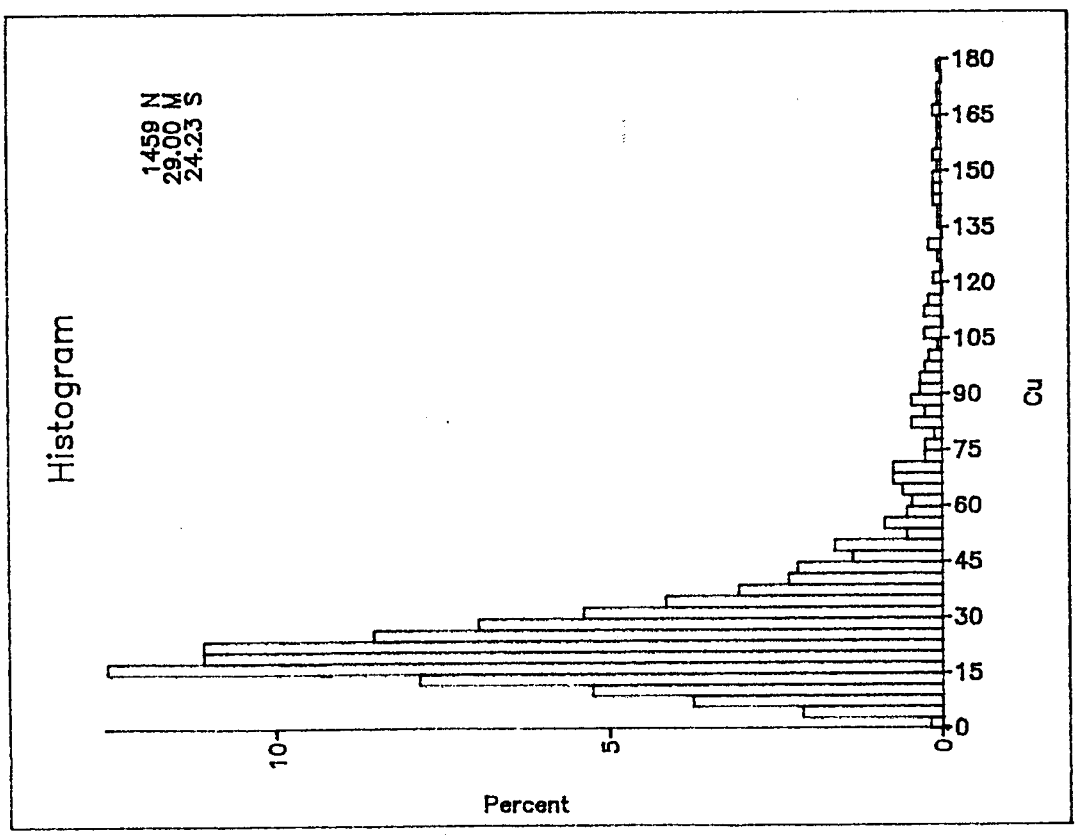
Examination of the Fe value map indicates that only a few areas of the 1991 soil samples show any evidence of leaching indicating that most samples were collected from below the leached horizon. A map of Ca shows scattered 3 to 12 point anomalous areas that group in an arch-shaped band along the north end of the grid area. Anomalous Ca values do not appear to correlate with any physiographic feature although the shape of the the anomalous trend is suggestive of a terminal morraine.

In general, areas of base and precious metal anomalies are coincident and define a broad west-northwesterly trending zone and narrow north trending zones. The direction of glacial transport is not known for sure but the most probable direction is along the valley to the north. It is possible that the northerly trends to the anomalies reflect glacial transport as well as structural control and that the west-northwesterly trending zone of anomalous values has been offset a certain distance to the north.

The number and magnitude of coincident Au-Ag-Cu-Zn anomalies over the grid

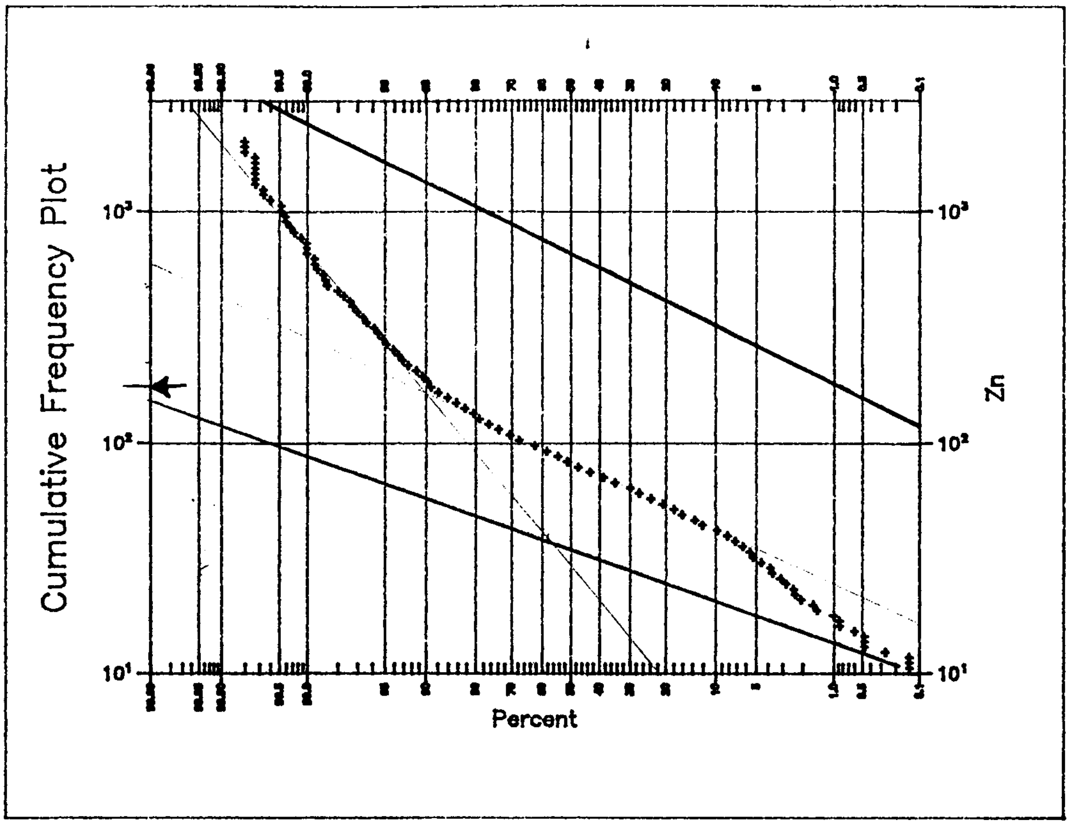


Cumulative Frequency Plot
Percent
Cu



Histogram
1459 N
29.00 M
24.23 S
Percent
Cu

Figure 3.4


Cumulative Frequency Plot
Percent
Zn

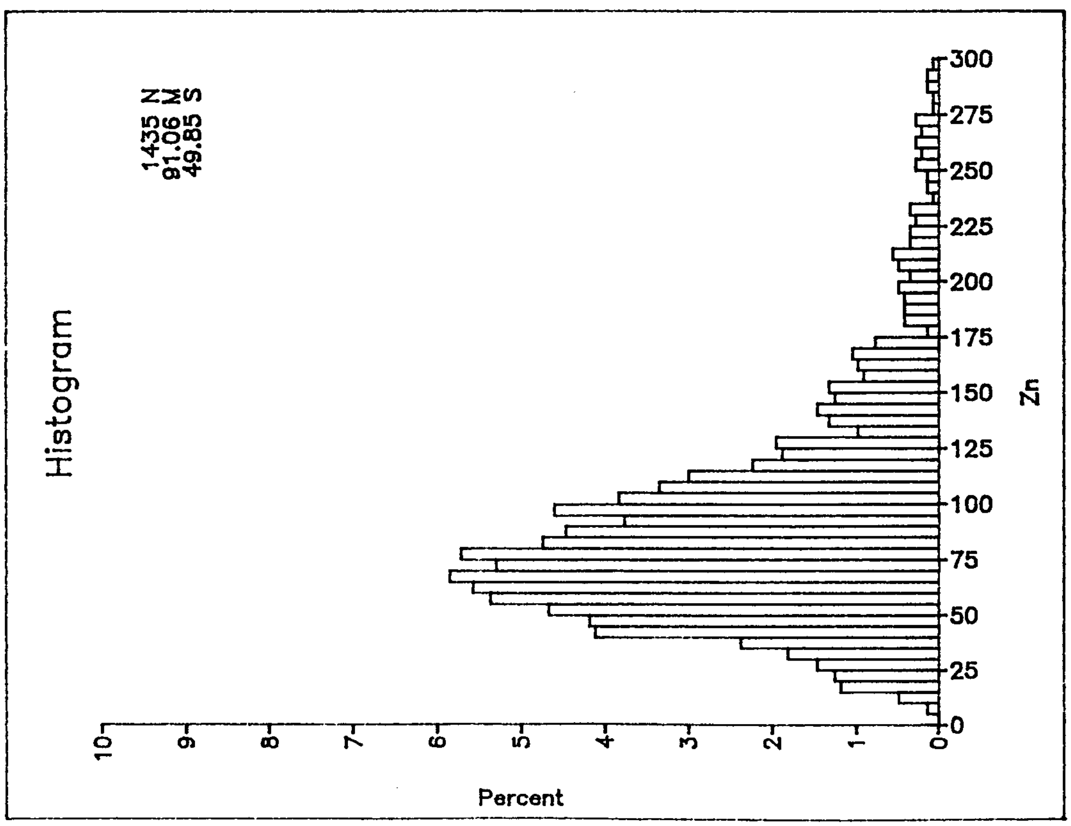
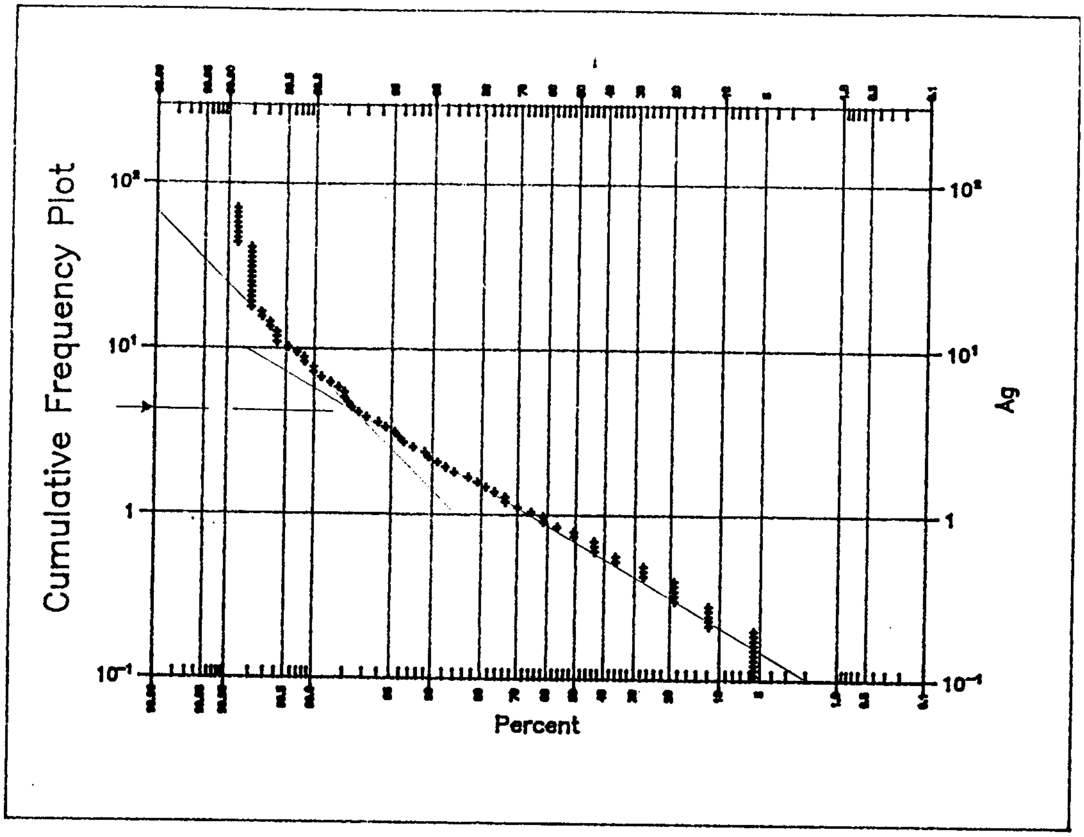

Histogram
1.435 N
91.06 M
49.85 S
Percent
Zn

Figure 3.5


Cumulative Frequency Plot
Percent
Ag
10²
10¹
1
10⁻¹

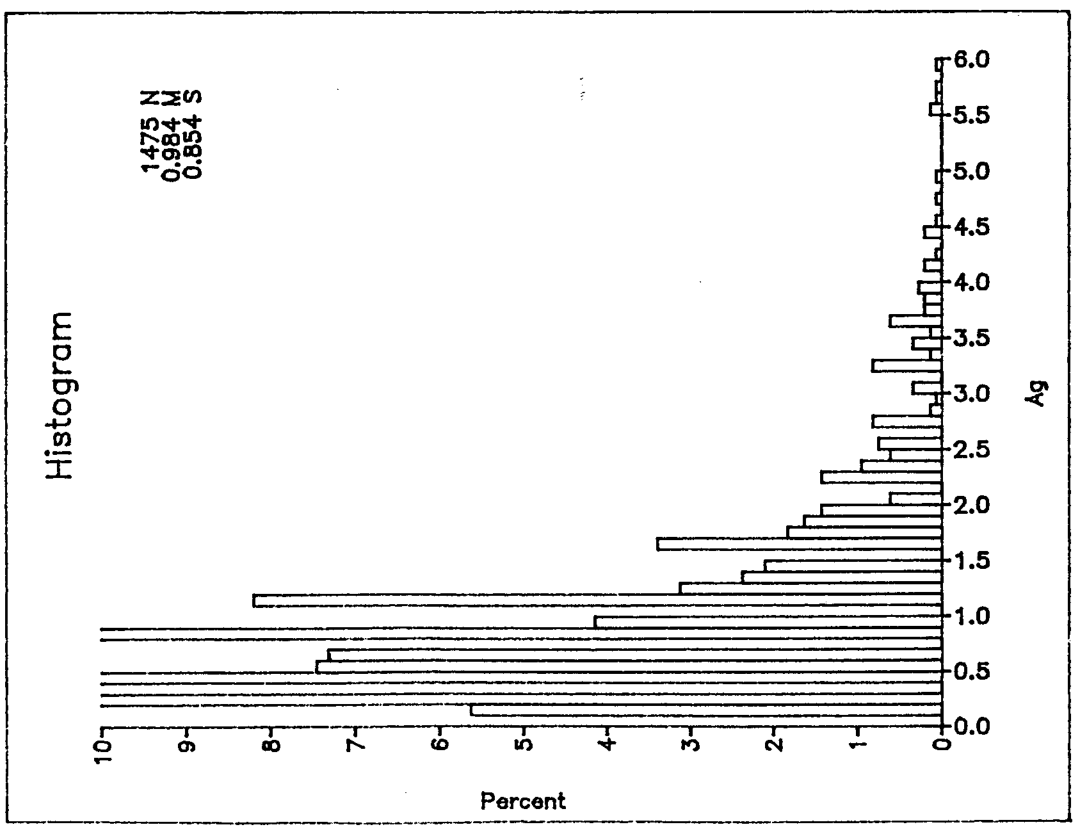
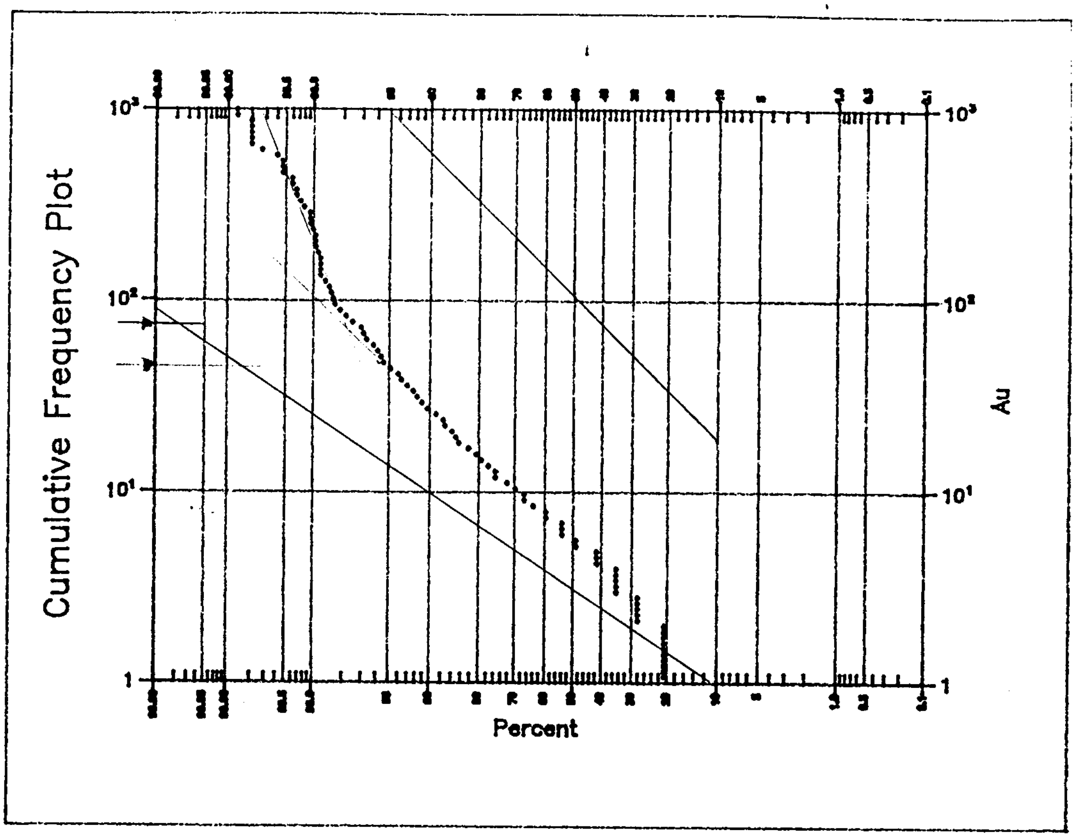

Histogram
1475 N
0.984 M
0.854 S
Percent
Ag

Figure 3.6


Cumulative Frequency Plot
Percent
Au

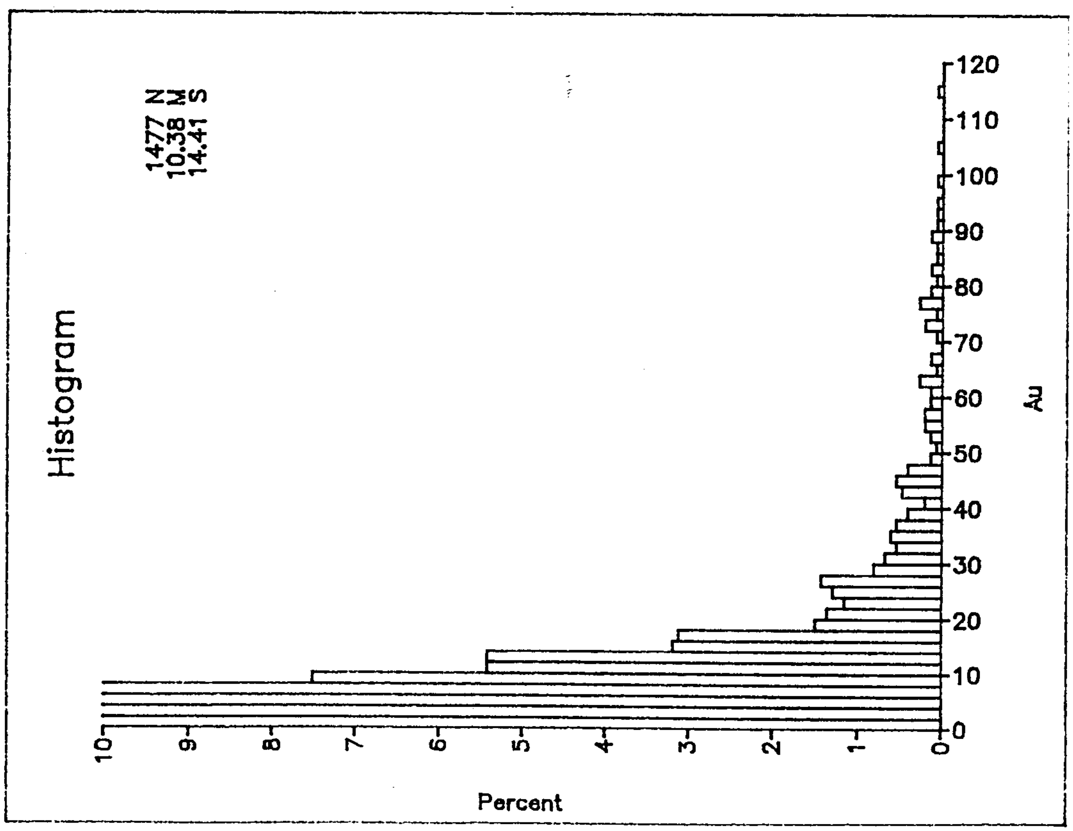

Histogram
1477 N
10.38 M
14.41 S
Percent
Au

Figure 3.7

area is a good indication that mineralization is not restricted to the exposures within Snow Creek but could occur over a significantly large area.

4 GEOPHYSICS

4.1 Methods

The purpose of performing a magnetometer survey was to assist in interpreting geology (and geochemistry) in areas of overburden cover. A clear distinction between the megacrystic feldspar porphyry and the other rock units was anticipated due to difference in magnetite content. A VLF-EM survey was performed simultaneously with the magnetometer survey. VLF-EM readings were taken for two stations, Cutler and Hawaii, in order to detect conductors at different orientations.

Field readings were taken using an IGS-2 Digital Acquisition System capable of reading/recording total field mag and up to 3 VLF-EM stations. The magnetometer readings were collected using a backpack mounted sensor with the operator facing north and corrected for diurnal variation using a base station magnetometer which collects readings at 5 second intervals during the survey. Instrument specifications are listed in Appendix II. The VLF-EM readings were taken with the operator facing the station (ie: left to right across the grid), in all cases, to ensure correct cross-over direction. Initially, both magnetometer and 2 station VLF-EM readings were taken at 12.5 stations on 50m spaced grid lines. Comparison of 12.5m stations with 25m stations on the same line indicated that 25m spaced stations were more cost-effective and therefore a majority of the grid was surveyed using 25m stations.

4.2 Description of Results

Results of the total-field magnetometer survey are shown in profile form in Figure 4.1 and in contoured format in Figure 4.2. Maximum variation between readings in the survey area is 1,100 gammas. The most obvious feature is the broad magnetic low that parallels Snow Creek. Smaller areas of magnetic lows occur on both sides of the Creek but are neither as strong or as large as the Creek anomaly. There does not appear to be any correlation between bedrock geology and magnetic susceptibility, which is surprising as the megacrystic feldspar porphyry contains significant magnetite in hand specimen whereas no magnetite can be detected in the volcanic rocks. A magnetometer traverse was run along the Snow Creek stream bed and no statistical difference in readings was noted between the volcanic and intrusive rocks.

VLF-EM readings were collected from two stations, Cutler, Maine and Hawaii in order to provide data on structures with different orientations. The previous VLF-EM survey (Cope, 1988) was run on north trending lines and re-interpretation of this data shows strong conductive responses that correlate well with stream gullies. Most stream gullies are significant topographic features and it is difficult to tell what proportion of the VLF-EM response is due to topography relative to bedrock features. The present survey was run on east-west trending lines and appears to be less affected by topography. Results are plotted in profile and contour formats for both transmitter stations (Figures 4.3 to 4.7). Conductors on the profile plots are depicted by cross-overs or steep slopes in a left to right orientation. Contour maps were produced with neutral bias, however, grid orientation and station spacing will cause a north-south bias and easterly or westerly trends will be difficult to distinguish. Most conductors are moderate strength and have relatively short strike lengths. The Cutler station contour map (Fig. 4.4) displays a linear feature that trends north-northeast from 8175E from the southern edge of the grid to 8575E on the northern edge of the grid. This feature does not correlate with IP or geochemcial data and could be a fault or possibly a sheared lithological contact but without better outcrop it is difficult to relate to geology. There are a few short or "blob" type conductive highs on the eastern part of the grid that are proximal to magnetic lows. The Hawaii station data (Figs. 4.5 and 4.6) display essentially the same features as the Cutler data except that conductive zones are more linear and better defined, as would be expected from their orientation relative to the transmitter station. Three sub-parallel linear zones with north-northeasterly and northerly trends are evident on the eastern side of Snow Creek. These zones do not correlate with topography, inferred geology or airphoto linears and their significance is unknown.

4.3 Interpretation of Results

The current presentation of magnetic data cannot be used to map lithologies in areas of overburden cover. However, the areas of magnetic lows do show a good spatial correlation with IP chargeability highs and soil geochemical anomalies, although the later may be slightly displaced. This correlation suggests that the magnetic response is showing areas where alteration has destroyed magnetite. It is possible that filtering the magnetic data so that small but rapid changes (first or second derivative) are emphasized may help to show lithological changes.

The VLF-EM data failed to detect significant conductors that are spatially associated with IP chargeability highs, however small conductors, possibly associated with minor structures may provide useful information when a better understanding of the property is obtained by additional geological or geophysical information.

5 CONCLUSIONS AND RECOMMENDATIONS

Precious and base metal values are associated with structurally controlled sulphide mineralization. Sulphide mineralization, which ranges from sparse disseminations along fracture surfaces to semi-massive pods and veins, is restricted to intensely fractured mafic volcanic rocks. More extensive pyritization is associated with a colour change from maroon to green within the host rock. The lack of alteration, limited amount of gangue minerals, and the features mentioned above suggest that low temperature, sulphur rich, reduced hydrothermal fluids percolated through extensively faulted and fractured rock and sulphides were precipitated by redox reactions within iron-rich rocks. The elemental associations of Cu, Zn, and Pb with Au and Ag, and the relative lack of volatile elements such as As and Sb is compatible with mineralization distal to a porphyry type hydrothermal system. Rock chip sampling within the Snow Creek canyon indicate that potentially economic gold grades are obtainable over reasonably large areas.

Megacrystic feldspar porphyry intrusive dykes, stocks and sills appear to have invaded mineralized pyroclastic rocks along the same paths taken by mineralizing fluids. Although, these intrusive rocks may be genetically related to the progenitor of distal porphyry style mineralization, they are predominantly post-mineral and have cross-cut and possibly diluted mineralized zones.

Correlation between IP chargeability, magnetic lows and multi-element soil geochemical anomalies indicates that mineralization probably occurs over a large area, predominantly along north and northwest trending structures. Potential exists for bulk tonnage disseminated Au deposits as well as base and precious metal rich semi-massive sulphide pipes.

Geophysical surveys, IP and magnetics, as well as soil geochemistry should be extended to the north, west and east of the existing grid. Coincident IP, mag and multi-element soil geochemical anomalies should be followed up with backhoe trenching and/or diamond drilling. Consideration should be given to an E-scan type IP survey to define sulphide-rich areas that may have pipe-like morphologies.

REFERENCES

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APPENDIX I

STATEMENT OF COSTS

LABOUR		
P. Holbek 9 days @ $270./day	2,430	
R. Britten 1 day @ $430/day	430	
B. Anderson 7 days @ $150/day	1,050	
H. Tremblay 3 days @ $150/day	450	
F. LaRocque 4 days @ $150/day	600	
J. Charboneau 3 days @ $150/day	450	
G. Charboneau 3 days @ $150/day	450	
		$5,860
FOOD & ACCOMMODATION		
Capri Motor Inn	540	
Meals	480	
		$1,020
EQUIPMENT & SUPPLIES		
Consumable supplies	330	
Computer Hardware/software	500	
Nadir Mapping Corp. Ltd.	1,050	
		$1,880
GEOPHYSICAL & GEOCHEMICAL SERVICES		
Quest Canada Ltd.	5,950	
Acme Analytical Labs. (703 soil analyses)	7,803	
IPL Labs Ltd. (36 rock assays)	590	
		$14,343
TRANSPORTATION		
Truck Rental	350	
Canadian Airlines International	550	
Central Mountain Air Services	660	
Canadian Helicopters (9.7 hours)	6,220	
Freight	260	
		$8,040
REPORT PREPARATION		
Drafting/Writing		900
TOTAL		$32,043

APPENDIX II

IGS-2 MAG AND VLF-EM SYSTEM

SURVEY METHOD AND SPECIFICATIONS

THE IGS-2 SYSTEM

General Information

The IGS-2 Integrated Geophysical System is a portable microprocessor-based instrument which allows more than one type of survey measurement to be performed by a single operator during a survey.

The IGS-2 is a modular system which can easily be configured to suit different and changing survey requirements. Reconfiguring the system is easy and offers both operational flexibility and minimal redundancy with a minimum number of spare consoles and/or modules.

When configured with any of the available sensor options, the IGS-2 System Control Console becomes a method-specific instrument according to the sensor option(s) utilized. In addition, the IGS-2 Console is an electronic notebook into which geophysical, geological or other data may be manually entered and digitally stored.

Data is stored in the IGS-2 in an expandable, solid state memory and can be output in the field by connecting the instrument to a printer, tape recorder, modem or microcomputer.

The 32 character digital display uses full words in most cases, ensuring clear communication. Both present and previous data are displayed simultaneously, allowing comparisons to be made at a glance during a survey.

The IGS-2 records header information, data values, station number, line number, grid number and the time of each observation in its internal memory. Data are first sorted by grid number, then in order of increasing line number and, within each line, by increasing station number. In this way, the data are organized logically regardless of the sequence in which they were taken. Ancillary data can also be manually entered and recorded at a given station, along with the survey parameters.

SPECIFICATIONS

Magnetometry Specifications

Total Field Operating Range	20,000 to 100,000 nT (1 nT = 1 gamma).
Gradient Tolerance For Total Field:	+5000 nT/m.
Total Field Absolute Accuracy	+1 nT at 50,000 nT +2 nT over total field operating and temperature range.
Resolution	0.1 nT.
Tuning	Fully solid-state. Manual or automatic mode is keyboard selectable.
Reading Time	2 seconds. For portable readings this is the time taken from the push of a button to the display of the measured value.
Continuous Cycle Times	Keyboard selectable in 1 second increments upwards from 2 seconds to 999 seconds.
Operating Temperature Time	-40 C to +50 C provided optional Display Heater is used below - 20 C.

Sensor Options

Portable Total Field Sensor Option	Includes sensor, staff, two 2 m cables and backpack sensor harness. Weight of sensor, cable and staff is 1.9 kg.

SPECIFICATIONS

VLF Specifications

Frequency Tuning	Automatic digital tuning. Can be tuned to any frequency in the range 15.0 to 29.0 kHz with a bandwidth of 150 Hz. Up to three frequencies can be chosen by keyboard entry for sequential measurements.
Field Strength Range	Fields as low as 100 mA/m can be received. In practice, background noise may require fields up to 5-10 times this level. Maximum received field is a 2 mA/metre. These values are specified for 20 kHz. For any other frequency, calculate the above limits by multiplying by the station frequency in kHz and dividing by 20.
Signal Filtering	Narrow bandpass, low pass and sharp cut-off high pass filters.
Measuring Time	0.5 seconds sample interval. As many as 2.0+E16 samples can be stacked to improve measurement accuracy.
VLF-Magnetic Field Components Measured	1) Horizontal amplitude, 2) Vertical in-phase component, and 3) Vertical quadrature components. Vertical components are displayed as a percentage of horizontal component and are related in phase to the horizontal components. Their range is +120%; reading resolution 1%.

VLF-Magnetic Field Sensor	Two air-cored coils in a backpack mounted housing with an electronic level for automatic tilt compensation. The error in the vertical in-phase component is less than 1% for tilts up to +15 .

APPENDIX III

STATEMENT OF QUALIFICATIONS

I, Peter Holbek, DO HEREBY CERTIFY THAT:

1) I am a project geologist presently employed by Homestake Mining (Canada) Limited, located at 1000-700 West Pender Street, Vancouver, BC V6C 1G8.

2) I graduated from the University of British Columbia with a B.Sc. (Hons.) in geology in 1980 and an M.Sc. in geology in 1988.

3) I have actively practiced my profession in North America since 1975.

4) The work described herein was done by me or under my direct supervision.

DATED THIS 16 DAY OF January, 1992 AT VANCOUVER, B.C.

Peter Holbek

APPENDIX IV

ANALYTICAL DATA

E/A TIC LAB ORI TD. 85 . H NGS VA JVEI C. 1R P :(6C 53-3 F 04)

GEOCHEMICAL ANALYSIS CERTIFICATE

Homestake Canada Limited PROJECT 3180 File # 91-4896 Page 1

1000 - 700 W. Pender St., Vancouver BC V6C 1G8

Snow
Peter Holbek

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
2050N 7500E	2	26	21	124	.9	5	5	359	7.18	12	5	ND	1	15	1.2	2	2	86	.16	.104	9	20	.39	109	.08	3	2.36	.01	.08	1	1
2050N 7525E	1	6	18	48	.3	2	2	166	3.31	2	5	ND	1	12	.4	2	2	69	.05	.015	13	17	.07	48	.06	3	.88	.01	.04	1	1
2050N 7550E	1	27	23	644	.8	10	7	446	3.61	5	5	ND	1	19	1.3	2	2	57	.21	.037	14	21	.62	85	.06	3	1.89	.01	.06	2	1
2050N 7575E	3	11	21	78	1.3	3	3	242	7.48	10	5	ND	1	13	.2	2	2	168	.05	.170	7	25	.13	36	.13	2	1.72	.01	.05	1	1
2050N 7600E	1	33	33	143	3.7	2	5	580	3.17	2	5	ND	1	10	.2	2	12	51	.22	.150	28	9	.57	44	.05	2	1.83	.02	.05	1	41
2050N 7625E	1	18	42	308	.4	3	7	1316	2.83	2	5	ND	4	37	2.1	2	2	38	.66	.091	43	10	.81	38	.05	2	1.59	.02	.12	1	5
2050N 7650E	1	19	40	309	.5	3	7	1322	2.86	2	5	ND	4	38	2.2	2	2	39	.66	.094	43	11	.82	39	.06	2	1.60	.02	.12	1	1
2050N 7675E	2	41	76	131	2.3	8	7	468	5.23	14	5	ND	1	25	.5	2	2	88	.24	.031	16	23	.47	70	.12	2	2.44	.02	.05	1	1
2050N 7700E	1	128	23	102	1.7	4	4	271	3.83	5	5	ND	1	26	.3	2	2	73	.39	.032	14	15	.30	108	.06	2	1.66	.02	.05	1	1
2050N 7725E	1	20	30	362	.5	6	6	424	3.96	7	5	ND	1	31	1.0	2	2	65	.43	.021	11	14	.47	101	.10	2	1.62	.02	.04	1	7
2050N 7750E	5	195	47	546	6.9	10	11	9019	2.82	10	9	ND	1	49	7.6	2	2	50	.72	.342	41	19	.47	142	.04	2	3.54	.02	.09	1	4
2050N 7775E	2	23	35	99	.4	7	5	382	7.31	15	5	ND	1	10	.3	2	2	104	.06	.033	10	20	.38	71	.09	3	2.40	.01	.06	1	1
2050N 7800E	1	46	29	188	.6	13	10	1400	3.53	7	5	ND	1	36	.3	2	2	62	.48	.082	16	27	.78	117	.07	2	1.94	.02	.11	1	12
2050N 7825E	2	20	33	223	.2	9	8	388	3.16	6	5	ND	1	24	.5	2	2	63	.28	.021	12	19	.62	95	.03	2	2.01	.02	.07	1	71
2050N 7875E	2	9	30	88	.9	4	6	1197	3.44	5	5	ND	1	18	.2	2	2	66	.15	.021	11	15	.23	75	.04	2	1.31	.01	.04	1	12
2050N 7900E	3	19	33	114	.2	8	7	588	3.55	11	5	ND	1	15	.2	2	2	68	.12	.024	12	17	.47	93	.04	2	2.01	.01	.09	1	7
2050N 7925E	2	19	30	216	.8	13	11	601	3.38	8	5	ND	1	25	.5	2	2	70	.21	.056	12	24	.66	132	.06	2	1.96	.02	.06	1	4
RE 2000N 8850E	3	18	20	77	.4	10	7	576	5.72	13	5	ND	1	41	.2	2	2	109	.11	.030	7	29	.35	138	.14	3	2.17	.01	.05	1	1
2050N 7950E	2	27	22	87	1.3	9	6	336	3.53	13	5	ND	1	17	.2	2	2	64	.08	.043	10	25	.48	69	.09	2	3.17	.01	.04	1	12
2050N 7975E	1	34	35	115	.3	10	9	799	3.34	10	5	ND	1	59	.2	2	2	56	.46	.070	12	20	.59	132	.12	2	1.41	.04	.12	1	10
2050N 8000E	1	24	31	79	.8	6	6	360	4.62	18	6	ND	1	17	.2	2	2	79	.16	.116	9	22	.43	65	.08	7	1.52	.01	.05	1	8
2000N 8675E	2	22	11	92	.4	15	10	742	6.53	18	5	ND	1	38	.2	2	2	93	.09	.123	7	36	.59	130	.12	3	3.14	.01	.04	1	1
2000N 8700E	1	25	12	81	.5	12	10	1273	6.57	17	5	ND	1	47	.2	2	2	105	.13	.144	6	32	.44	131	.13	6	2.34	.01	.06	1	3
2000N 8725E	2	22	23	90	.6	10	10	2159	6.86	15	5	ND	1	40	.3	2	2	107	.06	.138	6	29	.37	124	.12	3	2.31	.01	.05	1	1
2000N 8750E	1	16	19	73	.5	8	9	2045	5.76	15	5	ND	1	33	.2	2	2	88	.06	.094	8	18	.29	112	.06	2	2.21	.01	.05	1	12
2000N 8775E	3	19	19	92	.7	11	8	994	5.43	18	5	ND	1	43	.4	2	2	74	.24	.077	9	29	.43	130	.07	3	3.31	.01	.05	1	7
2000N 8800E	3	16	53	86	1.5	5	4	330	3.41	12	5	ND	1	39	.7	2	2	57	.18	.060	13	17	.20	116	.05	3	1.95	.02	.05	1	6
2000N 8825E	2	20	36	110	.2	12	8	542	5.18	18	5	ND	1	31	.3	2	2	71	.10	.079	12	28	.60	116	.06	2	2.80	.01	.06	1	2
2000N 8850E	3	18	15	76	.4	10	7	547	5.54	12	5	ND	1	40	.2	2	2	106	.10	.029	7	30	.34	132	.14	4	2.09	.01	.04	1	2
2000N 8875E	1	57	22	171	3.5	11	8	4736	1.86	33	5	ND	1	266	4.0	2	2	59	3.75	.162	13	50	.36	181	.03	7	1.32	.02	.05	1	21
2000N 8900E	2	20	22	79	1.9	10	7	780	3.51	8	5	ND	1	31	.2	2	2	64	.12	.061	9	23	.43	96	.05	2	2.15	.01	.05	1	14
2000N 8925E	3	22	19	65	.3	12	7	503	5.65	14	5	ND	1	28	.3	2	2	73	.15	.080	6	29	.36	112	.08	3	2.33	.01	.05	1	4
2000N 8950E	1	15	19	60	.4	6	5	688	3.23	5	5	ND	1	18	.2	2	2	64	.09	.070	11	16	.27	78	.05	4	1.35	.01	.06	1	1
2000N 8975E	2	24	26	81	.6	12	8	680	6.05	16	5	ND	1	21	.2	2	2	92	.08	.057	6	29	.46	94	.07	3	2.13	.01	.05	1	2
2000N 9000E	1	12	24	72	.5	9	6	2185	3.43	7	5	ND	1	22	.2	2	2	71	.10	.053	8	19	.27	107	.07	3	1.09	.01	.08	1	3
1950N 7500E	2	8	42	64	2.0	3	3	238	5.14	10	5	ND	1	8	.2	2	3	72	.04	.050	10	16	.23	27	.09	2	3.49	.02	.03	1	21
1950N 7525E	14	63	32	118	2.9	14	14	12811	3.42	18	11	ND	1	37	.8	2	2	84	.27	.200	21	35	.46	90	.06	2	5.81	.02	.05	1	6
STANDARD C/AU-S	18	59	40	132	7.0	71	34	1069	3.96	40	18	7	37	52	18.6	15	17	55	.48	.089	37	58	.88	177	.09	31	1.85	.06	.15	11	45

ICP - 1.0 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: OCT 3 1991 **DATE REPORT MAILED:** Oct 10/91. **SIGNED BY** .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1950N 7550E	2	35	16	89	2.7	9	6	343	5.67	9	5	ND	3	19	1.1	2	2	116	.08	.036	13	28	.36	59	.15	2	4.20	.02	.03	1	8
1950N 7575E	1	213	582	1079	7.1	57	30	3444	5.78	19	5	ND	1	166	7.2	2	2	122	1.13	.089	18	106	2.41	93	.11	2	5.64	.03	.09	3	94
1950N 7600E	1	23	22	73	.8	8	5	318	7.03	8	5	ND	4	21	.5	2	4	153	.08	.040	10	33	.33	74	.16	2	3.52	.02	.05	1	9
1950N 7625E	2	28	39	103	1.3	6	6	359	6.09	21	5	ND	2	13	.8	2	4	66	.08	.077	11	19	.38	88	.06	2	4.48	.02	.05	1	6
1950N 7650E	1	87	37	257	3.9	12	19	2644	5.41	9	5	ND	1	19	.9	2	5	142	.25	.076	18	25	1.43	61	.06	2	3.35	.03	.04	1	4
1950N 7675E	1	40	17	133	3.7	9	7	540	5.40	11	5	ND	2	23	.5	2	2	86	.26	.050	15	20	.57	96	.08	2	2.47	.02	.04	1	3
RE 1950N 7800E	2	163	48	1243	3.6	13	9	676	3.13	17	5	ND	1	54	1.8	2	2	49	.37	.078	45	21	.63	147	.06	2	3.49	.02	.12	1	13
1950N 7700E	4	355	24	476	6.2	9	11	3516	3.79	15	5	ND	1	35	3.9	2	2	77	.37	.103	123	26	.30	104	.04	2	2.40	.02	.07	1	7
1950N 7725E	1	96	26	255	2.8	14	25	2036	4.82	13	5	ND	1	33	1.0	2	2	72	.33	.107	26	24	.74	120	.04	2	3.92	.02	.09	1	8
1950N 7750E	5	974	39	352	12.8	14	18	10830	3.92	25	5	ND	1	53	4.9	2	2	72	.67	.275	134	43	.56	210	.04	2	5.68	.02	.10	1	20
1950N 7775E	3	47	44	116	4.3	5	4	363	5.14	11	5	ND	1	19	.9	2	2	82	.12	.042	21	17	.15	80	.08	2	3.61	.01	.03	1	17
1950N 7800E	2	165	49	1255	3.7	13	9	681	3.13	16	5	ND	1	55	1.7	2	2	49	.37	.077	46	22	.62	148	.06	2	3.54	.03	.11	1	17
1950N 7825E	5	161	22	137	4.2	6	2	108	2.24	21	5	ND	1	121	6.2	2	2	19	1.47	.181	89	9	.05	117	.01	2	1.28	.02	.04	1	9
1950N 7850E	17	66	81	262	1.9	12	10	884	6.09	63	10	ND	1	57	3.2	2	4	91	.63	.123	29	25	.49	200	.02	2	3.15	.02	.10	1	5
1950N 7875E	3	67	6	112	.6	2	3	453	1.14	7	5	ND	1	42	1.0	2	2	12	.74	.094	9	4	.02	70	.01	2	.54	.01	.01	1	2
1950N 7900E	12	129	16	88	1.5	3	2	350	1.34	13	5	ND	1	35	1.9	2	2	20	.52	.172	14	7	.03	74	.01	3	.82	.02	.06	1	5
1950N 7925E	3	31	58	171	1.9	13	12	739	2.74	9	5	ND	2	32	.7	2	2	58	.44	.107	19	23	.82	123	.03	2	2.60	.02	.10	1	1
1950N 7950E	1	24	21	81	1.5	8	6	281	4.77	13	5	ND	4	17	.5	2	2	81	.08	.035	12	25	.35	69	.10	2	4.37	.01	.05	1	20
1950N 7975E	1	26	30	64	1.1	9	5	250	7.36	17	5	ND	5	14	.4	2	5	107	.06	.040	9	28	.32	60	.11	2	3.83	.01	.04	1	4
1950N 8000E	1	23	22	66	1.0	8	5	265	7.13	12	5	ND	4	19	.6	2	2	112	.07	.056	11	29	.30	82	.13	2	4.08	.01	.02	1	5
1950N 8025E	1	40	17	100	.1	11	7	446	3.38	8	6	ND	1	31	.3	2	2	71	.30	.063	11	19	.55	86	.11	2	1.43	.02	.08	1	3
1950N 8050E	1	57	57	160	.5	8	10	1762	3.03	6	5	ND	1	43	.7	2	2	46	.79	.070	32	11	.95	164	.05	2	1.78	.02	.17	2	4
1950N 8075E	1	106	45	183	1.6	14	13	1082	5.50	8	5	ND	2	60	1.1	2	7	113	.64	.092	14	27	.76	107	.13	2	1.28	.02	.12	2	81
1950N 8275E	6	332	40	444	3.2	15	13	1915	4.71	24	5	ND	1	100	7.6	2	2	70	.50	.081	60	28	.61	168	.05	2	3.34	.02	.10	1	14
1950N 8300E	5	67	57	157	.6	9	9	440	7.81	26	5	ND	5	18	2.0	2	2	91	.05	.054	15	30	.35	83	.05	2	6.26	.01	.06	3	3
1950N 8325E	2	32	38	78	.5	8	6	427	6.90	17	5	ND	2	23	.8	2	6	117	.06	.042	14	19	.30	100	.08	2	2.81	.02	.07	1	2
1950N 8350E	4	24	29	75	.3	6	5	356	6.96	17	5	ND	1	21	.7	2	6	119	.04	.025	12	19	.22	98	.07	2	2.86	.01	.03	1	1
1950N 8375E	3	31	45	73	1.3	8	8	512	6.80	22	5	ND	1	18	.7	2	3	73	.03	.041	8	17	.33	74	.06	2	2.91	.01	.03	1	8
1950N 8400E	2	50	60	99	.7	10	8	654	7.76	22	5	ND	2	13	.9	2	2	81	.03	.068	9	22	.40	82	.05	2	3.38	.01	.06	1	4
1950N 8425E	2	157	174	145	.6	10	14	1169	5.55	16	5	ND	3	17	2.0	2	2	72	.05	.056	15	18	.55	100	.02	2	3.70	.01	.06	2	12
1950N 8450E	4	71	66	255	3.4	20	16	1617	5.52	28	8	ND	1	43	1.5	2	7	73	.12	.093	8	33	.55	117	.07	2	4.42	.01	.06	1	9
1950N 8475E	2	35	41	95	1.3	7	5	395	4.87	9	5	ND	2	42	.7	2	2	83	.05	.038	8	25	.11	101	.11	2	1.99	.01	.03	1	3
1950N 8500E	6	163	18	147	.5	7	6	2410	1.56	8	5	ND	1	82	3.2	2	2	27	.39	.059	29	12	.16	101	.02	2	1.21	.01	.03	1	8
1950N 8525E	13	200	9	263	1.4	12	8	5214	1.34	2	5	ND	1	431	9.2	6	2	23	3.11	.123	89	26	.12	277	.01	4	.97	.01	.03	2	3
1950N 8550E	20	194	24	373	4.0	19	18	11756	4.07	43	5	ND	1	283	9.7	2	2	75	1.43	.376	369	52	.35	376	.05	2	4.52	.03	.08	1	13
1950N 8575E	2	29	11	91	.2	14	9	682	6.55	14	5	ND	1	59	1.0	2	2	128	.09	.041	12	34	.34	104	.15	2	2.18	.02	.04	1	1
1950N 8600E	4	67	23	262	2.4	18	14	5815	4.04	24	5	ND	1	213	5.8	2	2	78	1.66	.152	60	38	.54	335	.05	3	2.88	.03	.10	1	14
STANDARD C/AU-S	21	62	41	130	7.3	74	32	1004	3.94	42	22	7	40	54	17.0	16	21	59	.47	.090	39	60	.88	175	.09	34	1.92	.07	.15	12	45

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1950N 8625E	1	16	14	57	.6	8	5	593	5.14	8	5	ND	1	48	.2	2	2	97	.05	.013	7	30	.25	178	.14	4	1.44	.01	.04	1	2
1950N 8650E	2	18	14	156	.8	9	7	1146	6.10	21	5	ND	1	134	.5	2	3	99	.71	.047	7	27	.41	248	.13	4	2.43	.02	.06	1	14
1950N 8675E	1	20	15	101	.3	14	9	1246	6.58	15	5	ND	1	43	.2	2	2	96	.11	.078	8	30	.49	162	.13	4	2.45	.01	.07	1	8
1950N 8700E	2	31	17	79	.2	18	9	656	6.86	15	5	ND	1	53	.9	2	2	105	.10	.052	6	39	.61	151	.21	4	3.13	.02	.06	1	5
1950N 8725E	8	53	10	341	3.2	9	5	10800	.92	7	36	ND	1	281	12.1	2	2	22	2.69	.145	31	33	.17	702	.02	6	.86	.02	.04	1	10
RE 1950N 8850E	3	40	13	77	.7	9	4	698	6.81	15	5	ND	2	55	2.6	2	2	111	.14	.025	7	29	.28	145	.18	2	1.98	.02	.03	1	1
1950N 8750E	2	27	12	83	1.1	12	7	842	7.74	18	5	ND	1	55	2.4	2	2	102	.08	.040	6	38	.47	143	.18	3	2.77	.02	.05	1	1
1950N 8775E	2	27	28	67	.5	8	6	897	8.48	36	5	ND	1	31	1.5	2	2	98	.05	.105	6	25	.27	114	.08	2	2.36	.01	.05	1	9
1950N 8800E	2	23	11	68	.9	11	8	799	6.39	15	5	ND	1	28	.2	2	2	78	.09	.114	7	26	.43	131	.08	3	2.66	.01	.04	1	3
1950N 8825E	2	27	5	56	1.9	14	8	509	6.79	15	5	ND	1	43	.2	2	3	81	.14	.076	5	47	.51	116	.14	5	3.16	.01	.03	1	1
1950N 8850E	4	35	16	70	.7	10	5	396	7.58	13	5	ND	2	48	.8	2	2	120	.06	.021	6	32	.30	120	.19	3	2.06	.01	.04	1	2
1950N 8875E	2	31	15	105	2.6	5	5	2686	1.56	31	11	ND	1	236	2.7	2	2	46	2.34	.095	19	33	.27	203	.03	4	1.30	.02	.03	1	1
1950N 8900E	2	26	43	94	.6	7	6	585	6.34	20	5	ND	1	18	.2	2	2	85	.10	.040	11	16	.49	91	.08	2	2.76	.01	.06	1	2
1950N 8925E	1	19	42	91	.7	9	7	638	5.04	23	5	ND	1	15	.2	2	2	75	.08	.088	8	21	.47	83	.05	3	2.50	.01	.05	1	78
1950N 8950E	1	20	36	133	.3	11	11	4089	5.82	7	5	ND	1	20	.2	2	2	111	.10	.092	9	33	.52	129	.08	3	2.51	.01	.06	1	5
1950N 8975E	2	20	23	67	2.0	10	6	559	4.64	8	5	ND	1	34	.2	2	3	98	.07	.062	7	25	.37	98	.12	3	1.94	.01	.04	1	1
1950N 9000E	1	38	16	80	.6	11	7	721	4.73	9	5	ND	1	21	.2	2	2	78	.11	.067	11	22	.53	67	.06	2	2.46	.02	.05	1	3
1900N 7200E	4	25	20	64	.3	10	6	314	8.52	13	5	ND	1	15	.2	3	3	95	.06	.033	7	25	.41	84	.19	4	2.44	.01	.04	2	2
1900N 7225E	15	43	22	118	.8	13	10	975	3.46	6	5	ND	1	39	.4	2	2	79	.46	.041	11	20	.71	131	.10	2	2.52	.02	.08	1	7
1900N 7250E	9	38	19	120	.6	15	9	440	1.76	2	6	ND	1	34	.8	2	2	40	.37	.051	10	26	.72	133	.07	2	2.47	.02	.07	1	7
1900N 7275E	14	9	21	57	.2	6	6	835	2.66	4	5	ND	1	27	.2	2	2	57	.32	.026	9	17	.38	91	.07	2	1.43	.01	.05	1	6
1900N 7300E	8	12	14	52	.4	4	6	1531	3.49	4	5	ND	1	33	1.2	2	2	70	.26	.035	10	14	.29	105	.12	2	1.41	.02	.06	1	7
1900N 7325E	10	30	13	83	1.8	11	8	1717	3.48	2	5	ND	1	52	.6	2	3	67	.46	.072	10	25	.56	90	.07	2	2.38	.02	.06	1	2
1900N 7350E	7	35	27	89	.5	11	7	418	5.70	14	5	ND	3	20	.2	2	2	89	.10	.054	9	24	.56	108	.10	2	3.38	.02	.05	1	5
1900N 7375E	4	32	14	64	1.0	7	7	592	5.04	10	5	ND	1	30	.2	2	3	89	.20	.036	13	21	.38	76	.16	2	2.22	.02	.04	1	2
1900N 7400E	3	25	20	46	.8	9	5	264	9.91	11	5	ND	2	17	.7	2	3	134	.09	.043	7	42	.34	80	.24	3	2.91	.01	.04	1	3
1900N 7425E	4	21	10	78	.5	18	9	834	3.53	6	5	ND	1	59	.4	2	2	68	.43	.049	9	29	.77	55	.12	2	2.02	.02	.04	1	1
1900N 7450E	3	16	17	86	.1	32	16	1158	3.70	7	5	ND	1	53	.2	2	2	86	.36	.019	8	52	2.23	45	.23	2	2.55	.02	.03	1	2
1900N 7475E	5	25	15	78	.2	8	5	299	4.90	8	5	ND	1	13	.2	2	3	80	.07	.023	9	18	.45	69	.14	2	2.01	.01	.05	1	5
1900N 7500E	3	28	18	161	.4	17	11	1055	3.74	8	5	ND	1	80	.8	2	2	71	.55	.058	10	24	1.09	82	.11	2	2.49	.02	.07	2	4
1900N 7525E	1	15	16	49	.5	9	5	303	7.91	10	5	ND	3	22	.6	2	2	122	.09	.013	6	28	.44	52	.30	2	2.76	.01	.02	1	7
1900N 7550E	1	12	15	196	.1	46	18	1611	5.32	11	5	ND	1	30	.8	2	2	107	.31	.037	6	120	2.41	50	.33	2	2.52	.02	.02	1	2
1900N 7575E	1	10	26	114	.1	4	6	892	2.59	4	5	ND	4	163	.8	2	3	46	1.72	.091	25	8	.83	65	.29	2	2.54	.02	.11	1	1
1900N 7600E	3	107	35	141	3.1	12	12	4475	3.42	8	5	ND	1	25	1.3	2	2	65	.19	.129	25	29	.65	98	.07	2	4.69	.02	.06	1	12
1900N 7625E	2	201	14	169	.6	9	8	1197	2.83	4	5	ND	1	33	.6	2	2	55	.43	.081	25	22	.71	103	.06	2	2.30	.02	.06	1	2
1900N 7650E	1	98	17	140	1.5	3	5	445	3.33	8	5	ND	1	69	.8	2	2	44	.55	.037	23	9	.55	89	.09	2	2.64	.02	.05	1	3
1900N 7675E	1	33	19	86	.8	8	6	354	4.52	12	5	ND	1	24	1.8	2	2	69	.17	.030	18	15	.47	130	.08	2	2.67	.02	.06	1	4
STANDARD C/AU-S	20	59	41	133	7.4	75	33	1059	3.94	42	19	6	38	52	19.0	16	21	56	.51	.091	38	58	.88	170	.09	32	1.88	.06	.13	13	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1900N 7700E	2	67	20	106	.7	4	11	398	5.76	9	5	ND	1	32	.7	2	2	95	.39	.040	22	17	.37	135	.10	2	1.91	.01	.02	1	5
1900N 7725E	2	16	31	66	.6	8	9	374	6.05	9	5	ND	2	47	.2	2	4	129	.07	.076	8	22	.29	73	.12	2	2.54	.01	.01	1	13
1900N 7975E	1	5	4	18	.2	1	2	77	.89	2	5	ND	1	8	.2	2	2	32	.02	.011	9	5	.02	24	.04	2	.27	.01	.01	1	8
1900N 8000E	1	48	23	102	1.2	10	16	731	4.72	11	5	ND	1	34	.7	2	2	114	.30	.105	11	24	.50	80	.10	2	1.82	.01	.02	2	20
1900N 8075E	1	13	16	43	.8	2	4	142	1.78	4	5	ND	1	17	.2	2	2	50	.07	.059	10	9	.11	50	.09	2	.83	.01	.02	1	30
1900N 8100E	2	33	19	92	.9	9	11	383	5.04	6	5	ND	3	16	.5	2	2	90	.06	.045	8	24	.41	84	.11	2	3.67	.01	.02	1	20
1900N 8650E	3	25	20	93	.7	12	15	787	7.79	16	5	ND	2	41	.2	2	2	150	.05	.057	6	43	.42	124	.21	2	2.89	.01	.02	1	562
1900N 8675E	2	25	17	120	1.2	16	18	824	7.34	13	5	ND	2	44	.2	2	2	129	.05	.049	7	33	.56	167	.18	2	3.49	.01	.02	1	13
1900N 8700E	1	38	248	213	2.6	4	17	2672	5.77	13	5	ND	1	20	.8	2	2	72	.03	.114	19	17	.34	127	.04	2	2.99	.01	.03	1	16
1900N 8725E	1	29	17	144	1.9	21	19	804	6.23	16	5	ND	1	67	.2	2	5	107	.10	.066	7	39	.75	142	.16	2	4.58	.01	.02	1	7
1900N 8750E	2	22	20	99	.5	15	17	947	7.30	11	5	ND	1	52	.5	2	5	130	.04	.061	8	36	.63	116	.15	2	2.76	.01	.02	1	3
1900N 8775E	2	36	4	119	.7	24	19	1013	6.08	15	5	ND	1	72	.5	2	2	116	.18	.179	5	41	1.00	155	.12	2	2.65	.01	.02	1	8
1900N 8800E	3	30	13	108	.4	12	15	1837	6.90	10	5	ND	1	62	.3	2	2	156	.08	.129	7	35	.37	152	.13	2	2.04	.01	.02	1	34
1900N 8825E	6	39	28	86	1.3	9	11	578	7.08	19	5	ND	1	74	1.1	2	2	128	.14	.071	9	33	.27	148	.18	2	2.17	.01	.02	1	7
1900N 8850E	5	41	43	168	1.9	15	21	1236	6.84	56	12	ND	1	219	2.3	2	2	147	.69	.061	39	47	.48	215	.16	2	2.92	.01	.02	1	3
RE 1900N 8950E	2	25	28	104	.7	16	15	688	5.83	11	5	ND	1	34	.8	2	2	100	.10	.079	8	34	.65	122	.10	2	2.92	.01	.03	1	6
1900N 8875E	3	54	52	363	1.0	14	14	870	3.71	54	15	ND	1	290	3.9	2	2	96	1.43	.068	25	34	.59	171	.06	2	2.61	.01	.03	1	7
1900N 8900E	4	25	29	94	.9	10	14	566	6.34	7	5	ND	2	56	.3	2	2	128	.07	.029	11	39	.63	145	.14	2	2.57	.01	.02	1	47
1900N 8925E	2	22	23	86	.4	13	15	754	6.54	13	5	ND	1	29	.4	2	4	134	.09	.129	8	32	.69	103	.15	2	2.22	.01	.03	1	5
1900N 8950E	2	26	26	102	.6	14	15	682	5.97	8	5	ND	1	32	.5	2	2	103	.10	.080	8	35	.67	118	.10	2	2.92	.01	.03	1	5
1900N 8975E	2	15	22	51	.3	4	8	304	6.38	4	5	ND	1	29	.3	2	2	147	.04	.047	9	24	.18	82	.11	2	1.75	.01	.01	1	6
1900N 9000E	1	11	15	57	.2	3	6	616	2.95	3	5	ND	1	16	.2	2	2	62	.03	.065	13	9	.21	81	.05	2	1.20	.01	.03	1	3
1900N 9025E	2	15	13	71	.2	6	7	845	4.26	4	5	ND	1	21	.2	2	2	84	.04	.078	12	13	.24	80	.07	2	1.61	.01	.02	1	2
1900N 9050E	1	7	6	35	.2	1	4	4023	2.23	2	5	ND	1	15	.2	2	2	39	.05	.040	15	5	.08	118	.03	2	.88	.01	.02	1	1
1900N 9075E	2	19	14	87	.3	9	12	608	5.84	13	5	ND	1	18	.2	2	2	96	.06	.297	11	17	.53	58	.07	2	2.32	.01	.03	1	14
1900N 9100E	2	22	17	85	.3	9	12	741	5.34	6	5	ND	1	18	.2	2	2	82	.03	.077	11	17	.44	82	.04	2	2.20	.01	.02	1	3
1850N 7200E	6	33	19	76	.7	7	10	319	5.54	7	5	ND	1	25	.5	2	4	104	.07	.046	10	20	.38	70	.11	2	3.10	.01	.03	1	2
1850N 7225E	30	64	52	138	1.7	12	17	934	4.84	13	5	ND	1	23	.5	2	2	129	.13	.065	14	22	.68	139	.03	2	3.72	.01	.07	1	5
1850N 7250E	4	41	32	90	3.1	11	10	361	1.45	2	5	ND	1	29	.2	2	2	41	.25	.044	13	21	.63	117	.04	2	2.60	.01	.04	1	10
1850N 7300E	7	16	11	59	.5	23	12	226	4.94	4	5	ND	1	19	.6	2	2	134	.16	.019	11	37	.62	45	.08	2	1.70	.01	.01	1	2
1850N 7325E	4	17	16	44	1.1	3	6	163	4.31	3	5	ND	1	16	.5	2	2	98	.09	.027	12	24	.13	46	.08	2	1.86	.01	.01	2	5
1850N 7350E	4	38	29	96	.4	7	13	485	3.48	7	5	ND	2	60	.2	2	2	75	.37	.065	15	19	.47	58	.12	2	4.36	.01	.02	1	9
1850N 7375E	10	28	25	73	1.5	7	11	318	5.87	11	5	ND	2	19	.4	2	6	138	.05	.056	10	18	.49	73	.11	2	2.39	.01	.03	1	7
1850N 7400E	4	21	11	48	.4	5	8	250	4.98	5	5	ND	2	26	.2	2	2	114	.12	.042	7	19	.28	49	.21	2	2.73	.01	.01	1	13
1850N 7425E	7	100	23	111	1.6	7	13	396	4.23	5	5	ND	1	43	.2	2	2	81	.33	.060	16	19	.52	64	.09	2	2.87	.01	.02	1	12
1850N 7450E	25	207	48	142	.3	15	23	1918	3.33	3	5	ND	1	49	.4	2	5	109	.34	.065	14	21	.84	101	.06	2	2.70	.01	.04	1	5
1850N 7475E	4	31	21	64	1.3	6	9	269	5.80	6	5	ND	2	13	.3	2	4	121	.04	.020	11	18	.32	79	.12	2	2.38	.01	.02	1	9
STANDARD C/AU-S	20	64	45	132	6.8	69	30	1082	3.95	41	23	8	41	50	19.0	18	21	59	.48	.090	39	59	.88	176	.09	37	1.89	.06	.16	13	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Homestake Canada Limited PROJECT 3180 FILE # 91-4896

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 ppm	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	Au** ppb
1850N 7500E	1	14	15	91	.4	10	8	502	2.80	2	8	ND	1	19	.2	2	2	56	.14	.017	10	20	.60	80	.07	5	1.73	.02	.07	1	15
1850N 7525E	1	16	24	53	.3	6	4	264	4.92	2	5	ND	1	7	.2	2	3	101	.03	.020	10	21	.22	63	.09	2	2.47	.01	.03	1	10
1850N 7550E	1	28	5	178	.5	27	24	2360	5.09	3	5	ND	1	194	.2	2	3	119	1.94	.071	8	53	2.50	48	.29	2	3.64	.02	.10	1	5
1850N 7575E	1	21	29	98	2.1	8	7	413	6.11	15	5	ND	1	9	.3	2	2	86	.06	.032	10	24	.48	88	.10	2	4.55	.01	.06	2	11
1850N 7600E	1	44	30	184	2.4	8	8	552	3.86	17	5	ND	1	15	.2	2	2	56	.17	.062	24	19	.43	73	.05	2	3.39	.01	.06	2	14
1850N 7625E	1	41	45	265	.7	10	11	1751	4.07	7	5	ND	1	27	.5	2	2	70	.40	.063	14	21	.63	127	.04	2	2.54	.01	.10	1	8
1850N 7650E	1	20	22	82	.6	8	7	510	6.62	11	5	ND	1	29	.2	2	2	110	.40	.099	9	24	.43	97	.11	2	2.07	.01	.06	1	54
1850N 7675E	1	34	24	93	.5	12	13	791	4.35	12	5	ND	2	17	.2	2	2	82	.16	.082	8	29	.68	69	.10	3	2.62	.01	.05	1	15
1850N 7700E	2	60	32	83	.3	7	7	522	4.51	6	5	ND	1	12	.2	2	2	74	.08	.044	10	20	.39	65	.08	2	2.88	.01	.05	1	11
1850N 7700E-A	1	260	14	283	.4	6	9	851	4.86	3	5	ND	1	18	.2	2	3	74	.28	.050	11	17	.55	87	.06	2	2.51	.01	.05	2	6
1850N 7725E	1	56	15	192	.5	8	8	726	4.87	9	5	ND	1	19	.2	2	2	73	.30	.039	12	19	.57	91	.09	2	2.58	.01	.07	1	3
RE 1850N 7975E	1	4	11	19	.2	1	1	112	1.17	2	5	ND	1	9	.2	2	2	39	.06	.011	10	8	.06	41	.10	3	.86	.01	.03	1	8
1850N 7750E	1	92	38	127	.7	3	4	277	4.27	5	5	ND	1	21	.3	2	3	79	.36	.031	16	11	.34	83	.16	2	2.51	.02	.05	1	6
1850N 7775E	1	37	36	67	.3	4	6	620	2.95	4	5	ND	1	24	.2	2	2	48	.27	.056	18	12	.21	109	.04	2	1.84	.02	.06	1	8
1850N 7825E	1	17	17	73	.2	6	5	316	5.01	13	5	ND	1	5	.2	2	2	74	.03	.014	12	16	.36	72	.06	2	2.20	.01	.08	1	5
1850N 7850E	2	16	53	67	.2	4	4	336	5.47	15	5	ND	1	6	.6	2	2	51	.03	.035	11	20	.18	72	.05	2	3.94	.01	.07	1	7
1850N 7875E	1	15	24	52	.6	3	3	216	6.13	14	5	ND	1	5	.5	2	2	99	.03	.038	7	19	.19	45	.07	2	2.64	.01	.04	1	3
1850N 7900E	1	13	16	38	.4	3	2	162	4.55	2	5	ND	1	6	.2	2	2	103	.03	.019	12	13	.08	60	.10	2	1.33	.01	.05	1	7
1850N 7925E	1	38	15	89	.2	3	2	114	1.86	2	5	ND	1	6	.2	2	2	30	.03	.019	14	10	.11	50	.03	2	1.95	.01	.03	1	10
1850N 7950E	2	21	30	80	2.7	6	6	437	4.44	10	5	ND	1	8	.2	2	2	60	.04	.044	16	19	.31	60	.05	2	2.87	.01	.07	1	10
1850N 7975E	1	4	13	18	.2	1	1	104	1.13	2	5	ND	1	9	.2	2	2	37	.06	.010	10	8	.06	41	.10	2	.85	.01	.03	1	9
1850N 8000E	1	12	30	53	.1	5	5	273	6.14	12	5	ND	1	10	.2	2	2	93	.07	.049	7	24	.30	51	.10	2	2.77	.01	.03	1	13
1850N 8025E	2	23	38	87	1.1	8	6	294	5.48	16	5	ND	1	11	.2	2	2	74	.06	.049	9	21	.38	102	.07	2	2.62	.01	.05	2	6
1850N 8050E	1	45	23	92	.5	7	7	406	3.34	2	5	ND	1	16	.3	2	2	64	.22	.101	9	16	.53	78	.08	2	1.59	.01	.07	1	1
1850N 8075E	2	579	81	229	8.1	10	15	1600	5.66	19	5	ND	1	46	1.9	3	5	71	.41	.105	18	20	.64	94	.08	7	1.66	.02	.10	2	613
1850N 8100E	1	36	24	101	.6	3	4	354	3.87	5	5	ND	1	50	.9	2	2	60	.16	.046	14	9	.43	84	.11	2	2.53	.02	.07	1	28
1850N 8125E	1	31	29	106	1.4	7	7	333	4.36	10	5	ND	1	16	.4	3	2	74	.18	.212	9	20	.51	74	.08	8	2.17	.02	.06	2	17
1850N 8150E	1	18	20	96	.4	7	6	391	2.49	2	5	ND	1	23	.2	2	2	48	.12	.017	10	14	.48	84	.09	5	1.23	.02	.06	1	16
1850N 8175E	1	22	20	88	.4	9	7	374	5.19	10	5	ND	1	15	.3	2	2	72	.06	.029	11	22	.55	55	.08	2	2.55	.01	.05	1	9
1850N 8200E	3	27	47	103	4.9	7	6	580	5.60	19	5	ND	1	20	1.0	2	2	81	.11	.072	21	20	.41	60	.12	2	3.03	.01	.06	1	9
1850N 8225E	7	114	37	301	2.4	13	12	2735	4.08	10	5	ND	1	31	1.7	2	2	63	.18	.083	16	23	.75	151	.04	2	3.25	.02	.11	2	17
1850N 8250E	1	91	40	276	.3	11	10	617	4.16	9	5	ND	1	53	.7	2	2	58	.36	.046	18	20	.67	150	.04	2	2.18	.02	.09	1	11
1850N 8300E	3	23	26	60	2.4	4	4	321	9.26	22	5	ND	1	8	.7	2	2	142	.03	.052	7	17	.25	57	.11	2	2.72	.01	.04	1	8
1850N 8325E	2	82	44	221	1.0	9	13	1433	4.02	10	5	ND	1	28	1.2	2	2	63	.12	.050	24	18	.51	144	.04	2	2.57	.01	.09	2	7
1850N 8350E	1	10	26	58	1.0	2	3	300	3.05	5	5	ND	1	9	.2	2	2	44	.03	.172	14	8	.14	57	.03	3	1.78	.01	.06	1	8
1850N 8375E	2	15	40	65	1.2	4	3	254	4.25	9	5	ND	3	7	.2	2	2	62	.03	.066	12	12	.18	62	.05	3	3.07	.01	.05	1	6
1850N 8400E	21	553	1707	199	74.7	3	7	1271	13.56	43	5	ND	1	18	.8	2	16	66	.03	.148	6	10	.49	119	.01	2	3.63	.02	.19	2	1497
STANDARD C/AU-S	18	58	43	131	7.2	71	32	1032	3.94	42	18	7	36	49	19.0	18	19	56	.48	.089	36	58	.88	178	.09	34	1.86	.06	.15	11	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

ACME ANALYTICAL

Homestake Canada Limited PROJECT 3180 FILE # 91-4896

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 ppm	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	Au** ppb
1850N 8425E	2	79	44	211	4.0	7	7	630	6.18	16	5	ND	1	19	1.0	2	2	53	.11	.049	10	16	.40	81	.05	2	3.16	.02	.05	2	14
1850N 8450E	2	42	33	123	1.4	6	7	762	8.52	17	5	ND	1	8	1.0	2	2	72	.04	.050	8	16	.39	77	.06	2	2.90	.02	.05	1	16
1850N 8475E	1	29	53	197	2.1	9	10	1126	6.68	20	5	ND	1	15	.5	3	2	72	.07	.051	8	20	.46	80	.06	2	4.49	.01	.06	2	11
1850N 8500E	2	17	40	126	1.1	7	7	642	6.96	28	5	ND	2	10	.5	4	2	83	.03	.134	12	20	.43	69	.06	2	3.33	.01	.08	1	9
1850N 8525E	2	11	23	68	.7	4	4	397	5.33	13	5	ND	1	15	.4	2	2	89	.03	.064	11	13	.16	85	.08	2	2.06	.02	.05	1	2
1850N 8550E	2	12	20	78	.4	5	4	328	5.95	18	5	ND	1	10	.2	2	2	96	.03	.038	14	15	.25	65	.08	2	2.10	.02	.05	1	6
1850N 8575E	2	17	23	77	.3	9	7	1249	6.59	13	5	ND	1	19	.3	2	2	80	.04	.115	10	20	.33	93	.08	3	2.55	.01	.04	1	2
1850N 8600E	6	35	10	125	.9	12	7	1964	4.98	17	6	ND	1	151	.8	2	2	89	.58	.088	15	34	.37	180	.11	2	2.07	.02	.05	1	3
1850N 8625E	2	22	10	111	.9	14	9	976	7.58	21	5	ND	1	98	.2	2	2	116	.28	.100	6	47	.46	156	.24	2	2.56	.02	.04	1	3
1850N 8650E	3	25	25	646	1.2	14	10	2084	4.28	26	8	ND	1	81	2.5	2	2	72	.24	.069	25	33	.54	164	.11	2	2.49	.03	.07	3	8
1850N 8675E	1	23	4	429	.6	14	8	566	4.50	18	5	ND	1	183	2.1	2	2	63	1.11	.081	6	25	.54	163	.11	2	2.91	.02	.05	1	2
1850N 8700E	2	14	19	211	.6	4	2	228	3.30	7	5	ND	1	173	2.6	2	2	61	1.23	.023	8	20	.14	144	.11	2	.67	.02	.04	1	8
1850N 8725E	2	12	49	118	.4	5	4	441	4.62	20	5	ND	1	41	.2	2	2	92	.16	.026	9	15	.23	184	.11	2	1.62	.02	.06	1	7
1850N 8750E	1	25	65	171	.9	12	11	1099	5.38	31	5	ND	1	30	.7	2	2	75	.12	.085	10	24	.61	101	.07	2	2.73	.02	.06	1	16
1850N 8775E	5	34	20	334	1.3	17	10	1530	5.94	58	5	ND	1	114	2.1	2	2	116	.25	.039	19	47	.63	207	.19	2	2.96	.02	.07	1	7
1850N 8800E	9	49	6	152	.9	11	8	1776	3.13	24	34	ND	1	264	5.6	2	2	69	1.25	.071	20	28	.45	160	.08	2	1.57	.03	.06	1	2
1850N 8825E	15	21	8	125	.5	12	11	2382	5.08	24	5	ND	1	226	1.2	2	2	85	.79	.024	6	21	.54	189	.19	2	1.32	.03	.06	1	2
1850N 8850E	4	42	3	155	1.2	15	9	531	4.38	44	52	ND	1	305	1.1	4	2	91	1.25	.035	14	31	.62	151	.12	5	2.26	.03	.07	1	4
RE 1850N 8750E	1	25	60	165	.8	12	11	1065	5.25	30	5	ND	1	31	.6	2	2	73	.13	.083	10	24	.59	99	.07	2	2.64	.02	.06	1	23
1850N 8875E	7	25	11	60	.5	11	5	429	7.63	11	5	ND	1	51	.3	2	2	132	.10	.024	8	46	.33	118	.25	2	1.73	.01	.05	1	2
1850N 8900E	3	26	14	95	.5	13	10	1505	6.31	15	5	ND	1	38	.4	2	2	101	.06	.046	7	44	.56	138	.13	2	3.00	.02	.06	1	226
1850N 8925E	1	24	12	87	.6	15	9	713	6.88	15	5	ND	1	32	.4	3	2	85	.07	.061	6	42	.69	113	.11	2	3.39	.02	.06	1	2
1850N 8950E	1	22	25	107	.9	16	9	625	6.11	20	5	ND	1	36	.2	2	3	95	.10	.050	8	36	.77	149	.17	2	3.01	.02	.07	1	4
1850N 8975E	1	17	24	116	.8	14	8	583	5.90	13	5	ND	1	31	.2	2	2	113	.08	.074	7	32	.68	122	.19	2	2.21	.02	.08	1	4
1850N 9000E	1	24	7	125	1.9	21	11	700	6.70	18	5	ND	1	48	.5	3	2	89	.11	.050	4	48	.93	143	.20	2	3.75	.02	.05	1	2
1850N 9025E	1	15	10	95	.4	11	7	985	5.41	9	5	ND	1	29	.2	2	2	92	.09	.095	7	25	.55	104	.12	2	1.91	.02	.08	1	1
1850N 9050E	1	12	8	80	.2	8	6	785	5.23	10	5	ND	1	23	.2	2	2	88	.05	.042	9	23	.42	98	.09	2	2.41	.02	.06	1	1
1850N 9075E	1	9	6	77	.1	8	6	504	5.01	5	5	ND	1	20	.2	2	2	81	.07	.089	7	19	.48	77	.05	2	2.55	.01	.08	1	3
1850N 9100E	1	19	6	101	.3	16	10	588	7.34	14	5	ND	1	35	.2	2	2	92	.07	.133	5	34	.78	141	.12	2	2.75	.01	.06	1	2
1850N 9125E	1	16	9	85	.5	8	8	457	6.51	16	5	ND	1	7	.2	4	2	75	.05	.270	9	17	.74	92	.03	2	3.37	.01	.10	2	1
1850N 9150E	1	21	8	75	.3	14	8	543	5.06	13	5	ND	1	32	.3	2	2	74	.06	.062	6	31	.62	118	.10	2	2.84	.01	.06	1	1
1850N 9175E	2	29	15	77	1.2	7	6	906	4.31	11	5	ND	1	35	.3	2	2	78	.09	.123	7	22	.26	100	.07	2	1.81	.01	.05	1	1
1850N 9200E	1	18	7	83	.8	14	9	590	5.82	12	5	ND	1	25	.2	2	2	90	.06	.078	6	32	.68	88	.09	2	2.67	.01	.06	1	2
1800N 8700E	2	21	11	63	.7	9	4	367	8.34	9	5	ND	1	51	.3	2	2	154	.07	.052	6	52	.18	109	.25	2	1.59	.01	.05	1	1
1800N 8725E	3	21	6	72	.3	12	6	486	4.73	15	5	ND	1	45	.5	2	2	71	.10	.070	7	38	.36	70	.11	3	4.35	.02	.03	1	2
1800N 8750E	7	41	34	886	3.8	15	10	2732	3.87	19	8	ND	1	186	17.7	2	2	59	.82	.104	15	27	.55	236	.05	2	2.55	.02	.05	5	12
1800N 8775E	4	24	11	89	1.2	12	7	588	7.73	19	5	ND	1	69	.7	4	2	123	.15	.041	5	34	.51	145	.23	2	2.24	.02	.05	1	2
STANDARD C/AU-S	18	57	37	132	7.1	71	34	1040	3.96	41	20	7	38	52	18.6	15	17	56	.48	.091	39	59	.88	178	.09	33	1.88	.06	.15	13	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1800N 8800E	4	31	8	124	1.5	12	8	580	4.39	13	9	ND	1	148	.8	2	2	77	.53	.046	9	27	.38	139	.11	2	2.09	.02	.04	1	8
1800N 8825E	3	31	10	77	1.1	11	7	602	6.80	11	5	ND	1	73	.8	2	2	156	.09	.037	5	38	.27	134	.25	2	1.73	.01	.04	1	10
1800N 8850E	3	31	2	65	.6	11	7	486	5.81	16	5	ND	1	40	1.1	2	2	77	.13	.056	4	34	.34	106	.13	2	4.62	.01	.03	1	5
1800N 8875E	1	30	4	80	1.1	12	8	645	6.47	11	5	ND	1	62	.8	2	2	109	.10	.050	5	30	.43	130	.17	2	2.73	.01	.05	1	1
1800N 8900E	2	31	6	132	1.0	14	9	1422	8.46	16	5	ND	1	81	.5	2	3	139	.06	.042	5	35	.43	192	.25	2	2.44	.02	.07	1	1
1800N 8925E	1	19	11	73	.7	6	4	480	4.85	6	5	ND	1	21	.7	2	2	65	.05	.068	9	16	.17	92	.07	2	1.78	.02	.05	1	6
1800N 8950E	3	29	8	91	.7	14	8	511	6.26	17	5	ND	1	47	1.0	2	2	91	.06	.043	5	29	.53	149	.13	2	2.37	.02	.04	1	2
1800N 8975E	1	23	25	78	.8	7	4	420	4.01	6	5	ND	1	28	.6	2	2	74	.04	.040	9	20	.26	107	.08	2	1.78	.01	.08	1	7
1800N 9000E	1	27	2	101	1.6	18	10	640	5.33	13	5	ND	1	45	.9	2	2	71	.10	.058	2	31	.71	104	.11	2	3.42	.01	.05	1	4
1800N 9025E	2	33	10	97	.8	17	10	716	6.72	22	5	ND	1	40	.8	2	2	87	.09	.225	4	36	.72	127	.13	2	3.54	.01	.06	1	7
1800N 9050E	1	42	3	87	.7	18	10	668	4.89	15	5	ND	1	51	.9	2	3	64	.16	.097	3	32	.70	123	.09	2	3.83	.01	.04	1	2
1800N 9075E	2	35	5	84	1.0	18	10	686	6.38	16	5	ND	1	47	.7	2	2	77	.11	.117	5	34	.67	129	.10	2	3.69	.02	.05	1	1
1800N 9100E	1	25	11	73	1.6	10	6	487	6.04	11	5	ND	2	45	.5	4	2	112	.05	.054	5	29	.31	119	.15	2	1.77	.01	.05	1	5
1800N 9125E	1	21	18	67	1.1	8	5	322	4.58	5	5	ND	1	41	.3	4	3	108	.03	.042	5	27	.23	92	.13	2	1.70	.01	.07	1	2
1800N 9150E	1	20	10	69	.9	9	6	577	5.70	5	5	ND	1	32	.5	2	2	113	.04	.062	6	27	.40	86	.14	2	2.05	.01	.06	1	5
1800N 9175E	1	28	11	95	1.1	20	10	622	6.40	10	5	ND	1	38	.4	2	2	106	.06	.062	6	37	.82	102	.12	2	3.12	.01	.07	1	1
1800N 9200E	1	39	10	92	1.0	20	12	741	7.93	17	5	ND	1	32	1.0	2	2	97	.05	.053	5	39	.90	110	.12	3	3.47	.01	.08	1	3
1750N 7200E	7	34	25	92	1.3	11	9	718	4.42	11	20	ND	2	19	.6	2	6	65	.10	.075	8	21	.53	85	.07	2	3.73	.01	.08	1	18
1750N 7225E	6	27	24	78	.8	10	8	481	4.87	8	5	ND	2	20	.7	2	4	84	.09	.059	9	19	.52	94	.07	2	2.74	.02	.08	1	17
1750N 7250E	8	32	27	67	1.0	8	5	304	5.47	12	5	ND	1	18	.6	2	2	90	.11	.087	6	18	.38	73	.07	2	2.22	.01	.07	1	6
1750N 7275E	2	14	2	31	.5	2	3	229	3.49	2	5	ND	1	41	.9	2	2	44	.38	.092	5	7	.23	26	.18	2	6.88	.01	.03	1	7
1750N 7300E	2	22	19	53	.8	6	5	390	5.33	11	5	ND	1	19	.9	2	2	83	.14	.055	7	19	.32	55	.13	2	4.27	.02	.05	1	38
1750N 7325E	1	23	10	50	1.1	7	5	307	4.64	5	5	ND	1	15	1.2	3	5	82	.07	.060	9	14	.28	47	.12	2	2.00	.01	.05	1	20
1750N 7350E	2	31	13	29	3.7	3	3	201	1.80	3	5	ND	1	11	.8	2	2	23	.06	.122	9	15	.05	31	.02	2	3.25	.01	.03	1	12
1750N 7375E	2	21	16	62	1.1	7	5	247	5.69	10	5	ND	4	14	.5	2	2	83	.07	.026	9	18	.28	63	.14	2	2.59	.02	.05	1	25
1750N 7400E	1	17	15	38	1.1	7	4	188	2.80	5	5	ND	1	12	.2	2	2	51	.05	.031	9	12	.39	52	.10	2	2.10	.01	.06	1	56
1750N 7425E	3	27	19	68	1.5	8	6	253	5.85	11	5	ND	3	18	.2	4	2	99	.13	.070	8	24	.39	50	.16	2	3.08	.01	.07	1	10
1750N 7450E	1	57	10	99	.7	17	13	977	3.27	2	5	ND	3	80	.2	2	2	64	.68	.079	10	25	1.54	31	.22	2	2.23	.01	.07	1	3
1750N 7475E	1	149	198	138	.7	28	14	566	4.02	8	5	ND	1	124	.8	2	2	79	.82	.051	8	38	1.21	63	.12	2	4.23	.02	.12	1	10
1750N 7500E	3	28	23	60	1.5	11	8	621	3.74	8	7	ND	1	27	.7	2	2	78	.20	.046	8	20	.41	63	.08	2	2.59	.01	.08	1	4
1750N 7525E	1	22	17	62	.8	8	6	404	4.58	9	5	ND	1	17	.2	2	6	92	.12	.030	11	17	.38	75	.11	2	1.85	.01	.08	1	7
RE 1750N 7425E	3	27	24	61	1.3	8	5	250	5.53	11	7	ND	2	17	.2	2	3	97	.13	.066	9	22	.38	50	.15	2	2.90	.01	.07	1	10
1750N 7550E	2	32	21	117	1.1	13	9	1194	3.24	10	5	ND	3	21	.6	3	2	62	.24	.054	12	18	.69	101	.06	2	2.42	.02	.12	1	23
1750N 7575E	1	27	19	94	.5	11	8	562	4.08	10	5	ND	1	15	.3	2	2	72	.14	.032	14	17	.58	74	.08	2	2.49	.01	.08	1	14
1750N 7600E	1	41	22	152	1.2	11	7	441	4.12	9	5	ND	1	12	.3	3	3	68	.10	.034	14	17	.67	83	.07	2	2.92	.01	.10	1	17
1750N 7625E	2	37	26	125	1.4	11	7	479	3.99	11	12	ND	1	14	.4	2	3	59	.14	.053	13	16	.59	77	.06	2	2.84	.01	.10	1	16
1750N 7650E	1	42	26	161	1.2	7	7	468	4.22	7	5	ND	3	10	.7	5	2	53	.09	.055	23	13	.39	59	.04	2	2.68	.01	.07	1	11
STANDARD C/AU-S	19	61	39	132	7.0	72	32	1043	3.94	42	16	6	40	52	17.0	15	22	56	.48	.090	39	56	.88	178	.09	33	1.92	.06	.16	11	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1750N 7675E	2	13	18	63	.3	5	3	261	4.62	7	5	ND	3	9	.7	2	2	66	.05	.034	10	17	.24	58	.06	3	2.94	.01	.05	1	7
1750N 7700E	3	24	17	60	1.0	5	4	391	5.34	8	5	ND	1	13	.9	2	2	79	.07	.051	13	15	.25	74	.08	2	2.58	.01	.06	1	45
1750N 7725E	15	419	87	198	4.4	10	48	23881	2.28	4	5	ND	1	26	4.3	2	2	47	.41	.208	64	20	.36	275	.03	6	4.68	.01	.05	1	16
1750N 7750E	6	1157	101	170	6.6	5	7	3904	1.37	3	8	ND	1	60	2.6	2	2	22	1.11	.249	133	18	.27	119	.02	5	3.91	.01	.06	1	15
1750N 7775E	2	85	33	169	1.9	9	9	1879	2.76	9	5	ND	1	33	1.4	2	2	40	.49	.101	21	18	.52	129	.04	4	1.93	.02	.11	1	16
1750N 7800E	2	21	19	58	1.6	3	3	361	5.22	15	5	ND	1	10	.4	2	2	78	.05	.044	11	16	.16	85	.06	2	2.91	.01	.04	1	10
1750N 7825E	1	13	16	40	.4	4	3	218	6.15	10	5	ND	1	11	.2	2	2	94	.05	.044	9	14	.17	96	.11	2	2.40	.01	.03	1	14
1750N 7850E	4	55	32	216	3.6	9	6	606	3.23	8	5	ND	1	14	.5	2	2	45	.11	.171	32	21	.43	131	.03	3	3.37	.01	.07	1	16
1750N 7875E	2	17	20	68	.9	5	3	327	5.59	13	5	ND	2	7	.2	2	2	74	.03	.056	11	17	.21	56	.05	2	3.41	.01	.05	1	7
1750N 7900E	1	23	24	83	1.5	9	6	349	5.65	17	5	ND	2	10	.7	2	2	72	.06	.061	8	27	.41	80	.08	3	5.26	.01	.04	1	12
1750N 7925E	1	25	21	95	1.0	9	6	382	5.69	19	5	ND	3	10	.5	2	2	78	.08	.073	9	26	.46	60	.09	4	3.82	.01	.03	1	8
1750N 7950E	1	18	19	81	.4	9	5	388	3.45	9	5	ND	1	18	.4	2	2	64	.12	.044	11	18	.54	88	.08	4	1.88	.01	.07	1	8
1750N 7975E	1	41	30	115	.7	9	10	838	3.91	15	5	ND	1	31	.7	2	2	62	.24	.096	14	27	.58	120	.09	3	2.82	.01	.09	1	12
1750N 8000E	1	37	16	86	.4	10	8	492	4.72	13	5	ND	2	19	1.0	2	2	79	.10	.066	9	28	.52	83	.13	2	3.03	.01	.06	1	13
RE 1750N 8100E	1	499	86	299	10.6	5	11	2770	4.63	9	5	ND	1	15	5.9	2	2	33	.47	.065	16	8	2.76	54	.02	2	3.05	.01	.11	1	195
1750N 8025E	1	89	24	115	1.5	9	8	444	3.25	6	5	ND	1	20	.7	2	2	57	.18	.061	10	19	.65	79	.08	3	2.35	.01	.07	1	32
1750N 8050E	1	57	33	79	2.4	4	5	334	3.53	7	5	ND	1	18	.3	2	2	66	.12	.050	9	14	.38	95	.06	2	1.80	.01	.04	1	30
1750N 8075E	1	116	64	148	2.4	3	7	1276	3.38	8	5	ND	5	263	1.4	2	2	53	2.18	.105	30	4	.95	196	.20	2	3.02	.01	.15	1	59
1750N 8100E	1	486	86	295	10.2	6	11	2764	4.48	10	5	ND	1	18	5.7	2	2	31	.50	.063	16	8	2.73	54	.02	2	2.92	.01	.09	1	182
1750N 8125E	2	472	59	230	3.2	11	12	1788	4.35	14	5	ND	1	40	2.8	2	2	59	.52	.078	18	19	.86	142	.06	2	1.75	.02	.12	1	32
1750N 8150E	1	66	48	151	.6	11	9	1942	3.96	12	5	ND	1	24	.8	2	2	65	.40	.102	16	27	.69	91	.08	3	2.14	.01	.11	1	25
1750N 8175E	1	54	33	211	1.3	8	7	2592	2.43	3	5	ND	1	37	1.2	2	2	34	.22	.044	13	13	.63	170	.05	3	1.80	.01	.09	1	42
1750N 8200E	2	66	37	168	2.0	8	6	950	2.76	4	5	ND	1	29	.5	2	2	41	.16	.034	12	15	.58	97	.07	3	1.72	.01	.07	1	24
1750N 8225E	2	84	38	143	3.8	4	4	812	2.74	11	5	ND	1	36	1.3	2	3	40	.21	.061	15	14	.30	131	.06	3	1.58	.01	.08	1	14
1750N 8250E	1	29	23	109	.8	7	5	426	4.21	8	5	ND	2	14	.7	2	2	48	.07	.054	9	17	.43	67	.07	3	3.77	.01	.05	1	12
1750N 8300E	3	46	44	117	2.0	3	6	656	8.38	20	5	ND	4	16	.7	2	2	68	.08	.064	12	15	.39	63	.11	2	4.64	.01	.05	1	25
1750N 8325E	3	20	25	92	.7	3	4	306	3.57	2	5	ND	3	18	.2	2	2	39	.08	.079	11	9	.31	75	.04	2	3.25	.01	.04	1	7
1750N 8350E	1	27	33	68	.8	4	4	222	4.01	5	5	ND	2	14	.2	2	2	53	.08	.038	11	12	.30	83	.07	2	2.03	.01	.05	1	9
1750N 8375E	1	36	28	135	1.4	9	8	499	5.24	15	5	ND	3	16	.4	2	2	70	.09	.053	8	23	.52	92	.13	2	3.82	.01	.08	1	60
1750N 8400E	10	20	19	112	.8	4	16	5615	8.74	10	5	ND	1	68	1.2	2	2	87	.48	.110	13	13	.28	212	.05	2	1.68	.01	.08	1	10
1750N 8425E	1	25	21	74	1.2	6	4	337	3.15	2	5	ND	1	40	.2	2	2	46	.23	.056	11	15	.30	95	.05	3	1.83	.01	.06	1	7
1750N 8450E	2	33	32	80	1.3	6	5	304	9.02	19	5	ND	3	15	.2	2	2	84	.07	.038	8	23	.30	70	.11	2	3.78	.01	.03	1	11
1750N 8475E	2	39	25	81	1.0	5	4	292	9.32	15	5	ND	2	10	.2	2	2	100	.03	.046	10	19	.29	60	.11	2	2.79	.01	.05	1	7
1750N 8500E	2	32	24	105	1.2	11	9	511	7.51	25	5	ND	2	23	.8	2	2	86	.04	.044	11	32	.49	90	.13	2	3.59	.01	.06	1	10
1750N 8525E	2	16	25	92	1.9	4	4	704	8.57	17	5	ND	1	15	.3	2	2	60	.04	.064	13	14	.24	73	.06	2	2.70	.01	.04	1	6
1750N 8550E	2	29	20	67	2.5	2	3	324	4.32	8	5	ND	1	65	.5	2	2	40	.51	.073	31	11	.15	124	.04	3	2.23	.01	.04	1	4
1750N 8575E	1	16	20	89	.7	4	5	523	5.04	7	5	ND	1	13	.8	2	2	48	.05	.071	15	11	.35	129	.04	3	2.58	.01	.06	1	8
STANDARD C/AU-S	19	64	38	132	7.4	68	33	1061	3.93	42	21	7	39	52	18.9	14	18	56	.48	.092	39	60	.88	177	.09	35	1.91	.06	.15	13	48

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1750N 8600E	3	30	19	186	2.6	10	11	1107	7.19	17	5	ND	1	76	.9	2	2	60	.50	.111	16	23	.41	123	.06	3	4.11	.01	.04	2	26
1750N 8625E	2	25	34	93	.7	8	10	557	6.51	19	5	ND	2	41	.5	2	2	88	.20	.115	10	23	.42	197	.09	3	2.40	.01	.05	1	11
1750N 8650E	2	113	30	165	4.0	4	12	760	4.54	16	5	ND	1	40	.9	2	2	54	.28	.090	44	23	.29	107	.04	2	2.85	.01	.05	1	30
1750N 8675E	2	31	32	113	1.3	5	8	493	4.34	12	5	ND	1	9	.8	2	2	51	.08	.066	14	13	.44	67	.05	2	2.95	.01	.05	2	47
1750N 8700E	1	15	11	165	.4	5	9	602	4.93	11	5	ND	1	19	.2	2	2	59	.06	.053	17	13	.45	106	.05	2	1.94	.01	.05	1	15
1750N 8725E	1	22	13	152	.9	12	9	371	4.89	15	5	ND	1	108	.4	2	2	71	.64	.056	7	21	.51	168	.06	2	1.90	.01	.05	1	8
1750N 8750E	2	16	14	140	1.8	7	10	437	5.08	10	5	ND	1	131	1.0	2	2	78	.50	.055	17	24	.35	224	.10	2	1.50	.02	.05	1	7
1750N 8775E	3	42	28	334	2.8	15	17	1409	6.63	50	5	ND	1	48	.8	2	2	70	.25	.133	37	42	.63	202	.05	2	4.35	.01	.07	1	22
1750N 8800E	1	17	14	85	.8	11	11	763	7.12	13	5	ND	1	41	.2	2	2	118	.06	.102	6	32	.43	145	.14	2	1.93	.01	.05	1	2
RE 1700N 8175E	1	87	26	104	1.4	9	10	417	3.48	6	5	ND	3	22	.2	2	5	56	.15	.051	10	16	.52	70	.08	2	2.26	.01	.05	1	18
1750N 8825E	1	24	3	108	.3	16	14	735	7.35	17	5	ND	1	52	.2	2	2	104	.09	.078	5	35	.59	159	.13	2	2.52	.01	.07	1	1
1750N 8850E	2	18	18	112	.2	11	13	1052	7.69	14	6	ND	1	27	.2	2	2	109	.06	.136	9	27	.45	117	.12	3	2.40	.01	.08	1	5
1750N 8875E	2	22	20	153	.7	15	15	824	7.61	14	5	ND	1	30	.2	2	2	96	.11	.094	7	33	.66	119	.12	2	3.56	.01	.05	1	2
1750N 8900E	3	23	21	138	.8	14	13	999	6.77	22	5	ND	1	39	.4	4	2	110	.16	.088	8	31	.56	116	.13	3	2.38	.01	.06	1	1
1750N 8925E	7	26	7	114	.2	8	10	623	6.64	12	5	ND	1	81	.2	2	2	116	.34	.053	9	28	.24	170	.14	3	1.76	.01	.06	1	2
1750N 8950E	6	43	9	334	1.0	18	16	2109	5.73	20	5	ND	1	163	1.8	3	2	96	.87	.107	12	31	.58	176	.10	2	2.98	.02	.08	1	1
1750N 8975E	5	24	18	157	.4	10	12	1112	5.56	15	5	ND	1	45	.4	2	2	99	.11	.034	8	27	.40	147	.09	2	2.07	.02	.07	1	1
1750N 9000E	4	13	13	60	.1	5	7	324	5.56	5	5	ND	1	39	.2	2	2	95	.10	.026	7	18	.13	96	.06	2	1.56	.01	.04	1	1
1750N 9025E	4	24	20	132	.4	15	14	769	6.87	19	5	ND	1	26	.3	2	2	106	.11	.078	8	28	.70	102	.09	3	2.63	.01	.08	1	1
1750N 9050E	3	27	32	133	.5	12	13	1384	6.29	10	5	ND	1	33	.2	2	2	106	.16	.088	9	27	.56	140	.06	2	2.67	.01	.08	1	1
1750N 9075E	3	71	32	176	.3	16	16	1121	7.62	17	5	ND	1	61	.2	2	2	123	.23	.060	33	41	.58	208	.10	2	3.32	.01	.08	1	1
1750N 9100E	1	12	11	48	.7	1	4	192	2.75	3	5	ND	1	28	.2	2	2	55	.04	.037	10	13	.12	82	.05	2	1.09	.01	.05	1	3
1750N 9125E	3	19	30	113	.6	8	11	1140	6.14	12	5	ND	1	25	.2	2	2	88	.05	.107	12	24	.38	96	.06	3	2.81	.01	.06	1	12
1750N 9150E	3	24	17	92	.8	8	11	640	8.13	12	5	ND	1	37	.2	3	2	122	.07	.056	9	29	.35	104	.12	3	2.26	.01	.06	1	1
1750N 9175E	2	29	9	79	.4	13	11	603	7.43	15	5	ND	1	35	.2	3	2	107	.07	.100	6	32	.48	99	.10	2	2.17	.01	.06	1	1
1750N 9200E	1	21	22	52	1.3	3	4	160	3.58	8	5	ND	1	9	.2	2	2	82	.05	.048	12	10	.16	42	.05	2	1.50	.01	.04	1	21
1700N 8150E	2	19	15	79	.4	7	8	1030	5.25	10	5	ND	1	57	.2	2	2	99	.05	.080	9	32	.35	153	.09	3	2.02	.01	.08	2	1
1700N 8175E	1	91	26	97	1.3	8	9	410	3.36	9	5	ND	2	22	.2	2	2	55	.14	.052	10	15	.50	71	.09	2	2.25	.01	.05	1	13
1700N 8200E	3	48	32	74	2.4	5	9	426	8.61	16	5	ND	2	9	.3	2	2	133	.03	.056	16	17	.23	61	.11	2	2.92	.01	.05	1	43
1700N 8225E	1	55	47	101	1.2	12	11	407	4.40	8	5	ND	2	13	.2	2	2	79	.11	.044	13	26	.65	83	.04	2	1.99	.01	.06	1	23
1700N 8700E	7	31	27	261	1.1	8	10	5103	3.68	18	5	ND	1	119	3.6	2	2	63	.84	.126	32	21	.31	192	.05	3	1.94	.02	.08	1	2
1700N 8725E	1	10	43	171	.1	1	10	886	6.03	25	5	ND	1	13	.2	2	2	34	.08	.061	17	6	.46	162	.03	2	2.65	.01	.13	1	1
1700N 8750E	2	21	17	75	1.0	8	7	248	6.18	8	5	ND	1	38	.2	2	2	120	.11	.044	10	24	.24	126	.09	2	1.94	.02	.05	1	1
1700N 8775E	1	21	17	72	2.5	5	7	237	3.95	10	5	ND	1	53	.8	2	2	70	.25	.036	11	16	.21	129	.07	2	1.48	.02	.05	1	1
1700N 8800E	3	30	7	174	1.5	8	8	254	5.92	19	5	ND	1	74	2.3	2	2	89	.30	.053	6	22	.28	65	.08	3	1.63	.01	.05	1	1
1700N 8825E	2	27	32	194	.8	8	9	450	7.46	25	5	ND	1	128	1.2	2	2	115	.97	.059	8	32	.27	176	.13	2	2.24	.01	.05	1	1
1700N 8850E	3	45	21	433	2.7	8	15	1263	5.15	27	5	ND	1	143	2.2	2	2	89	.92	.077	22	33	.29	173	.08	3	1.99	.02	.05	1	2
STANDARD C/AU-S	19	60	40	129	7.3	71	32	1068	3.89	43	16	7	38	52	18.4	16	19	57	.47	.089	39	58	.86	172	.09	37	1.86	.05	.14	11	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1700N 8875E	2	25	10	84	.4	10	6	603	6.30	15	5	ND	3	31	.8	2	2	87	.05	.044	5	30	.24	130	.09	2	2.25	.01	.03	1	5
1700N 8900E	1	20	36	126	.5	8	9	2048	5.40	15	5	ND	1	19	.6	2	6	63	.05	.058	16	18	.38	115	.05	2	2.22	.02	.06	1	10
1700N 8925E	1	26	12	104	1.1	13	9	825	5.72	16	5	ND	1	31	.6	2	2	76	.09	.127	6	27	.42	120	.07	2	2.76	.01	.03	1	3
1700N 8950E	3	32	25	106	.7	11	7	533	6.33	23	5	ND	1	33	.8	2	2	94	.07	.051	5	27	.37	111	.10	2	2.20	.02	.05	1	3
1700N 8975E	2	77	21	322	2.6	11	9	2671	3.24	38	5	ND	1	208	5.9	2	2	83	1.90	.144	75	35	.53	200	.04	2	2.22	.03	.07	1	7
1700N 9000E	3	42	19	114	1.2	8	7	2011	3.00	24	5	ND	1	129	5.3	2	2	69	1.18	.053	60	19	.28	143	.05	2	1.74	.02	.05	1	6
1700N 9025E	4	34	23	119	.7	9	10	1227	6.97	19	5	ND	1	26	1.2	2	2	125	.17	.052	7	25	.70	111	.12	2	2.98	.01	.04	1	2
1700N 9050E	2	31	22	154	.4	12	8	808	4.24	8	5	ND	1	64	.5	2	2	66	.53	.056	10	19	.56	189	.05	2	2.42	.02	.08	1	6
1700N 9075E	7	43	71	270	1.0	11	8	1444	3.97	11	5	ND	1	69	1.4	2	2	70	.56	.068	17	18	.47	158	.04	2	3.14	.02	.07	1	8
1700N 9100E	4	130	54	564	.9	8	5	1773	2.14	11	5	ND	1	186	4.5	2	2	36	1.95	.145	49	16	.36	297	.02	3	2.05	.02	.08	1	3
1700N 9125E	6	145	58	960	1.4	14	9	2169	3.76	17	5	ND	1	124	4.7	2	2	54	1.05	.142	52	26	.56	304	.03	2	3.15	.02	.09	1	7
1700N 9150E	10	151	91	822	3.3	14	9	2646	2.68	16	5	ND	1	118	8.5	2	2	40	1.07	.181	62	25	.55	284	.03	2	3.05	.02	.11	1	13
1700N 9175E	4	42	14	111	.4	14	9	643	5.12	15	5	ND	1	30	1.1	2	2	68	.13	.065	10	26	.59	124	.08	2	3.41	.01	.05	1	4
1700N 9200E	5	37	101	232	.7	12	11	1088	3.58	17	5	ND	1	29	1.2	2	2	51	.14	.043	14	18	.59	145	.08	2	3.01	.02	.12	1	15
1650N 8300E	1	27	21	86	.8	8	7	596	6.70	12	5	ND	1	13	.9	2	2	62	.08	.106	7	16	.38	66	.07	2	4.23	.01	.03	1	6
1650N 8325E	1	31	43	102	1.0	9	8	679	6.52	11	5	ND	1	11	.8	2	2	66	.05	.042	9	21	.54	72	.08	2	4.50	.01	.06	1	11
1650N 8350E	1	30	26	98	1.3	7	8	609	7.20	23	5	ND	1	17	1.2	2	2	69	.05	.048	11	15	.43	110	.06	2	3.07	.01	.04	1	5
1650N 8375E	1	29	33	77	2.1	5	5	406	8.21	14	5	ND	1	10	.8	2	2	93	.04	.048	10	16	.27	50	.10	2	3.10	.01	.05	1	28
1650N 8400E	2	33	19	71	2.6	7	6	470	8.98	15	5	ND	2	12	.6	2	2	94	.05	.069	8	24	.38	69	.13	2	3.60	.01	.03	1	11
1650N 8425E	1	27	63	83	1.3	3	6	619	5.48	8	5	ND	1	10	.6	2	4	70	.05	.043	12	10	.39	49	.07	2	2.10	.01	.05	1	76
1650N 8450E	12	356	327	315	6.2	6	13	5469	6.14	53	5	ND	1	29	1.7	2	2	50	.08	.091	16	12	.57	191	.06	2	2.44	.02	.11	1	636
1650N 8475E	1	26	18	49	1.1	3	2	161	3.02	4	5	ND	1	12	.2	2	2	54	.08	.103	8	11	.13	65	.10	2	1.65	.02	.06	1	2
1650N 8500E	1	28	23	74	1.2	6	4	262	3.72	6	5	ND	1	14	.7	3	2	60	.11	.075	10	14	.28	59	.09	2	2.58	.02	.05	1	8
1650N 8525E	1	21	23	65	.4	5	3	245	5.77	6	5	ND	1	11	.8	2	5	76	.04	.040	7	14	.24	79	.10	2	2.68	.01	.05	1	11
1650N 8550E	1	21	27	52	.9	4	3	279	5.03	6	5	ND	1	13	.7	2	2	70	.06	.068	11	11	.12	64	.12	2	1.68	.01	.03	1	13
1650N 8575E	1	22	21	77	1.2	6	4	375	6.47	12	5	ND	3	14	.8	2	2	89	.08	.076	14	16	.28	63	.09	2	3.49	.01	.04	1	17
RE 1650N 8475E	1	23	15	42	1.1	3	2	142	3.01	2	5	ND	1	11	.5	2	2	56	.08	.102	8	11	.12	62	.11	2	1.67	.02	.04	1	1
1650N 8600E	1	13	22	92	1.2	2	3	252	3.33	4	5	ND	4	12	.6	2	2	46	.04	.044	23	6	.35	86	.05	2	2.90	.02	.09	1	2
1650N 8625E	1	16	18	59	1.0	4	3	366	5.02	10	5	ND	1	9	.6	2	2	70	.02	.121	15	10	.21	73	.06	2	2.58	.01	.04	1	15
1650N 8650E	1	14	18	53	1.2	4	3	1292	5.93	10	7	ND	1	8	.3	2	2	69	.04	.112	16	11	.21	45	.07	2	1.91	.01	.06	1	2
1650N 8675E	1	27	18	184	2.2	17	12	2873	6.87	9	5	ND	1	6	1.1	2	2	101	.02	.122	10	30	1.17	48	.04	2	3.80	.01	.03	1	18
1650N 8700E	1	97	64	135	3.8	5	6	1922	7.42	16	5	ND	1	7	1.2	2	2	29	.03	.128	18	8	.41	73	.02	3	2.61	.01	.06	1	13
1650N 8725E	1	19	19	80	.9	4	4	1340	5.72	10	5	ND	1	9	.5	4	2	43	.03	.109	22	11	.24	58	.03	2	2.70	.02	.03	1	1
1650N 8750E	1	14	17	67	.7	4	3	330	4.05	16	6	ND	1	20	.6	2	2	52	.04	.102	13	10	.22	96	.05	2	2.08	.02	.04	1	3
1650N 8775E	2	28	32	100	4.2	4	4	474	4.67	14	5	ND	1	17	.9	2	2	43	.04	.075	14	10	.25	88	.03	2	2.99	.02	.05	1	62
1650N 8800E	4	25	19	61	.7	7	4	237	8.35	21	5	ND	1	31	.4	2	2	137	.05	.023	5	22	.22	98	.15	2	2.47	.01	.02	1	13
1650N 8825E	2	16	13	46	.5	3	2	176	3.51	6	5	ND	1	48	.4	2	2	75	.22	.016	9	14	.07	70	.07	2	1.03	.01	.04	1	22
STANDARD C/AU-S	19	60	45	131	6.7	71	32	1028	3.92	42	19	7	37	51	19.0	15	19	54	.47	.091	38	56	.87	177	.09	33	1.91	.06	.16	13	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1650N 8850E	35	230	37	641	3.3	14	12	13851	2.90	21	27	ND	1	224	42.2	2	2	56	2.00	.215	41	37	.16	432	.04	2	2.43	.02	.03	1	42
1650N 8875E	3	55	61	379	1.0	10	10	1039	5.62	28	5	ND	1	151	3.4	2	2	79	1.18	.107	26	28	.44	163	.04	2	3.65	.01	.03	1	4
1650N 8900E	3	31	7	106	.1	15	9	617	4.43	15	5	ND	1	41	2.1	2	2	55	.27	.095	6	29	.33	129	.08	4	5.43	.01	.02	1	16
1650N 8925E	2	12	21	80	.1	4	4	437	4.40	9	5	ND	1	20	.6	2	2	60	.13	.040	20	9	.12	67	.04	2	1.52	.01	.02	1	28
1650N 8950E	3	18	20	75	.1	8	5	362	4.34	10	5	ND	1	25	.8	2	2	68	.08	.035	9	15	.25	117	.06	2	1.49	.01	.03	1	14
1650N 8975E	1	31	73	145	1.9	9	11	2386	5.65	26	5	ND	1	16	1.3	2	2	76	.05	.113	11	19	.31	121	.05	2	2.75	.01	.04	1	35
1650N 9000E	4	26	33	99	.2	8	6	575	5.44	10	5	ND	1	17	1.1	2	2	96	.07	.047	14	18	.28	92	.05	2	1.81	.01	.04	1	2
1650N 9025E	3	31	35	239	.5	12	10	931	5.21	24	5	ND	1	42	1.6	2	2	74	.17	.082	13	20	.53	218	.04	2	2.88	.01	.05	1	7
1650N 9050E	2	24	15	151	.1	15	10	786	6.21	15	5	ND	1	50	1.1	2	2	104	.32	.092	4	26	.62	140	.12	2	2.13	.01	.05	1	8
1650N 9075E	2	13	15	90	.1	5	5	436	4.57	7	5	ND	1	18	.9	2	2	84	.04	.048	18	18	.23	107	.07	2	1.67	.01	.05	1	3
1650N 9100E	1	41	24	170	.3	21	13	944	4.97	17	5	ND	1	30	1.4	2	2	76	.15	.077	13	27	.83	198	.07	2	3.51	.01	.07	1	50
1650N 9125E	2	25	39	93	.4	10	6	587	4.90	6	5	ND	1	19	1.0	2	2	75	.07	.075	10	15	.32	146	.08	2	1.64	.01	.08	1	5
1650N 9150E	1	22	20	76	.3	7	5	503	5.76	7	5	ND	1	19	1.1	2	2	96	.04	.043	10	20	.30	77	.10	2	2.13	.01	.06	1	3
1650N 9175E	2	27	17	86	.1	10	6	590	5.79	8	5	ND	1	24	.9	2	2	102	.05	.043	9	25	.34	90	.10	2	2.32	.01	.04	1	10
1650N 9200E	3	73	35	208	4.5	12	11	505	5.36	14	5	ND	1	28	1.8	2	2	71	.10	.079	21	31	.48	103	.06	2	4.27	.01	.05	1	13
1600N 8725E	2	15	21	71	.3	3	4	533	8.32	17	5	ND	1	7	.6	2	2	87	.02	.175	16	9	.18	46	.05	2	2.50	.01	.04	1	2
1600N 8750E	1	20	25	65	4.2	5	4	409	7.40	14	5	ND	1	8	.7	2	4	99	.02	.109	15	13	.26	66	.06	2	2.32	.01	.04	1	8
1600N 8775E	1	16	28	82	1.8	2	3	421	5.18	5	5	ND	1	9	1.0	2	2	79	.02	.056	21	6	.14	186	.04	2	2.58	.01	.06	1	7
1600N 8800E	4	95	66	101	1.6	6	7	617	9.34	43	5	ND	1	7	.9	2	2	105	.02	.078	12	13	.47	68	.02	2	2.52	.01	.04	1	89
1600N 8825E	1	16	17	74	.4	6	4	241	3.77	7	5	ND	1	22	1.0	2	2	61	.09	.027	11	13	.25	87	.06	2	1.56	.01	.04	1	9
1600N 8850E	1	24	33	185	.1	11	7	399	4.44	11	5	ND	1	75	.8	2	2	58	.60	.035	11	21	.52	120	.05	2	2.50	.01	.05	1	13
1600N 8875E	7	188	86	407	2.1	12	12	4037	4.04	22	7	ND	1	96	5.1	2	2	66	.76	.184	96	29	.56	199	.03	2	3.18	.02	.08	1	19
1600N 8900E	1	71	36	114	2.0	11	8	528	4.74	15	5	ND	1	77	2.2	2	2	78	.54	.066	55	28	.48	142	.06	2	2.72	.01	.04	1	8
1600N 8925E	1	22	14	57	.2	8	5	549	5.35	6	5	ND	1	35	1.2	2	2	115	.15	.036	8	20	.26	114	.13	2	1.61	.01	.04	1	5
1600N 8950E	1	34	11	85	.2	17	10	875	6.87	14	5	ND	1	37	.8	2	3	111	.08	.088	5	32	.54	137	.14	2	2.25	.01	.06	1	1
1600N 8975E	1	33	19	85	.5	15	10	747	8.06	16	6	ND	1	37	1.2	2	2	121	.07	.046	6	33	.66	113	.18	2	2.47	.01	.04	1	1
1600N 9000E	1	26	9	473	.5	18	10	738	3.96	7	5	ND	1	84	1.5	2	2	60	.70	.081	9	23	.68	102	.06	2	2.13	.02	.06	1	2
1600N 9025E	1	38	30	1100	1.6	21	12	1229	4.39	24	5	ND	1	55	2.0	2	2	56	.56	.091	13	25	.61	133	.04	2	3.46	.02	.08	1	11
1600N 9050E	1	21	22	208	.3	13	9	724	5.98	16	5	ND	1	22	1.1	2	2	75	.09	.206	7	21	.50	115	.06	2	2.28	.01	.05	1	1
1600N 9075E	1	15	15	96	.1	7	5	534	5.39	10	5	ND	1	20	.5	2	2	83	.08	.141	7	15	.26	88	.07	2	1.62	.01	.06	1	2
1600N 9100E	1	21	13	77	.3	10	7	917	5.39	8	5	ND	1	27	.7	2	2	96	.05	.050	8	20	.37	87	.11	2	2.05	.01	.05	1	3
1600N 9125E	1	19	26	75	.2	10	6	468	4.58	11	5	ND	1	34	.4	2	2	76	.09	.104	8	20	.44	101	.11	2	1.78	.01	.08	1	6
1600N 9150E	1	15	19	49	.2	3	3	400	3.15	4	5	ND	1	20	.4	2	2	64	.05	.064	11	13	.11	77	.09	2	1.32	.01	.07	1	4
1600N 9175E	2	22	25	82	.3	6	4	346	4.87	10	5	ND	1	17	.7	2	2	94	.06	.040	9	17	.26	96	.12	2	1.68	.01	.07	1	1
1600N 9200E	1	33	29	123	.2	11	9	1311	5.43	13	5	ND	1	20	1.3	2	2	73	.08	.144	8	22	.50	102	.08	2	2.48	.01	.05	1	1
RE 1600N 9100E	1	20	15	69	.3	9	6	888	5.14	10	5	ND	1	24	.7	2	2	89	.04	.044	6	19	.34	79	.10	2	1.90	.01	.06	1	5
1550N 8275E	1	33	28	85	.5	9	6	329	8.29	14	5	ND	2	14	1.5	2	2	104	.07	.035	8	26	.37	77	.14	2	4.81	.01	.05	1	6
STANDARD C/AU-S	19	60	37	131	7.1	74	33	1054	3.97	40	16	6	37	52	17.4	16	23	56	.49	.091	38	56	.89	180	.09	33	1.90	.06	.15	11	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1550N 8300E	1	20	10	58	3.7	4	4	780	1.25	2	5	ND	1	51	.8	2	2	12	.48	.633	13	14	.06	125	.01	3	1.51	.01	.06	1	5
1550N 8325E	1	18	19	79	1.1	4	3	170	2.91	4	5	ND	1	21	.7	2	2	43	.12	.046	15	10	.23	81	.05	2	1.82	.01	.06	1	10
1550N 8350E	2	6	18	37	1.1	3	1	81	1.68	4	5	ND	1	12	.5	2	2	33	.04	.039	9	8	.10	84	.05	2	1.24	.01	.04	1	4
1550N 8375E	1	17	18	92	.2	7	3	229	2.71	5	5	ND	1	16	.4	2	2	53	.08	.056	8	13	.29	84	.05	2	1.34	.01	.06	1	8
1550N 8400E	2	25	32	159	.4	12	7	505	6.65	23	5	ND	1	9	.2	2	2	89	.04	.081	10	25	.44	84	.05	2	3.79	.01	.06	2	7
1550N 8425E	2	27	30	89	1.0	6	5	433	7.10	11	5	ND	1	10	.2	2	2	80	.07	.130	9	21	.37	58	.09	2	2.96	.01	.06	1	5
1550N 8450E	2	36	21	100	1.6	7	5	425	5.99	9	5	ND	4	10	.2	2	2	69	.08	.082	9	23	.41	69	.12	2	3.71	.01	.06	2	16
1550N 8475E	1	30	21	95	.4	8	6	375	6.60	8	5	ND	2	13	.2	2	2	78	.10	.069	9	24	.48	78	.12	2	2.34	.01	.05	1	3
1550N 8500E	1	44	24	149	.9	10	7	410	4.29	6	5	ND	1	15	.4	2	2	60	.14	.039	11	19	.74	91	.11	3	2.46	.01	.11	1	12
1550N 8525E	3	26	18	108	2.0	8	6	364	9.17	18	5	ND	1	21	.8	2	2	133	.12	.066	10	20	.37	105	.16	2	2.89	.01	.06	1	12
1550N 8550E	1	20	15	66	.3	7	5	230	4.69	6	5	ND	1	19	.2	2	2	90	.21	.171	8	20	.32	70	.09	2	1.38	.01	.04	1	25
1550N 8575E	1	15	21	50	.7	4	2	137	3.87	6	5	ND	1	13	.2	2	2	55	.07	.040	8	15	.20	49	.08	2	2.83	.01	.03	1	8
1550N 8600E	3	55	37	148	2.3	10	13	1110	5.61	11	5	ND	1	39	1.0	2	2	72	.15	.081	14	18	.47	324	.06	2	2.93	.01	.11	1	16
1550N 8625E	2	45	24	125	2.7	8	5	637	3.13	8	5	ND	1	34	.6	2	2	48	.19	.093	15	19	.46	122	.05	2	2.04	.01	.08	1	2
1550N 8650E	1	4	9	46	.2	1	1	145	1.51	2	5	ND	1	10	.2	2	2	30	.03	.017	21	5	.09	53	.04	2	.88	.01	.06	1	1
1550N 8675E	1	12	23	94	.7	6	5	335	5.21	10	5	ND	2	8	.2	2	2	68	.03	.220	17	16	.42	83	.06	2	2.57	.01	.09	1	3
RE 1550N 8875E	1	39	32	136	.3	8	5	255	4.64	11	5	ND	1	30	.2	2	2	65	.24	.040	18	28	.39	79	.06	2	2.78	.01	.05	1	9
1550N 8700E	1	11	24	107	1.0	7	6	380	5.49	8	5	ND	3	9	.2	2	2	70	.04	.095	20	16	.56	90	.03	2	3.21	.01	.08	1	5
1550N 8725E	2	10	19	88	1.1	3	4	477	7.76	17	5	ND	1	4	.2	2	2	43	.01	.103	15	7	.33	48	.03	2	3.82	.01	.04	1	2
1550N 8750E	2	30	39	101	1.7	8	7	757	5.07	14	5	ND	1	9	.5	2	2	92	.05	.101	13	25	.50	67	.03	2	2.22	.01	.07	1	8
1550N 8775E	1	16	34	107	.6	7	6	649	5.61	11	5	ND	1	8	.3	2	2	52	.03	.137	13	18	.43	72	.03	2	2.33	.01	.07	1	14
1550N 8800E	1	9	22	98	1.6	3	4	1016	6.76	6	5	ND	1	4	.2	2	2	33	.02	.086	15	10	.36	42	.02	2	3.44	.01	.04	1	10
1550N 8825E	2	7	13	42	1.3	2	2	112	2.13	3	5	ND	1	9	.4	2	2	37	.02	.041	14	8	.11	48	.02	2	1.66	.01	.04	1	17
1550N 8850E	1	20	6	159	.7	3	3	2696	1.64	2	5	ND	1	159	.9	2	2	5	2.27	.135	4	3	.07	173	.01	3	.47	.02	.05	1	6
1550N 8875E	1	42	35	148	.4	9	5	312	4.88	12	5	ND	1	34	.2	2	2	68	.29	.043	20	30	.41	86	.06	2	2.89	.01	.05	1	7
1550N 8900E	2	14	14	81	1.2	7	5	538	5.54	10	5	ND	1	18	.4	2	2	66	.05	.047	10	22	.29	87	.09	3	2.62	.01	.04	1	13
1550N 8925E	1	17	50	119	.8	9	6	703	8.21	24	5	ND	1	24	.4	2	2	101	.04	.060	13	26	.34	80	.11	3	2.68	.01	.04	2	18
1550N 8950E	1	20	62	101	1.0	9	9	2680	5.57	20	5	ND	1	25	.4	2	2	61	.10	.123	8	22	.40	145	.06	3	2.48	.01	.05	1	7
1550N 8975E	2	21	16	71	.9	7	11	1869	8.15	20	5	ND	1	20	.4	2	2	86	.10	.127	5	46	.22	96	.13	2	4.91	.01	.03	1	3
1550N 9000E	5	99	7	301	3.3	12	12	977	5.08	21	5	ND	1	95	3.2	2	2	66	.86	.154	25	35	.36	97	.10	3	4.04	.01	.05	1	5
1550N 9025E	2	26	23	97	.8	12	8	654	7.75	17	5	ND	1	27	.3	2	2	93	.08	.052	6	31	.49	124	.14	2	2.25	.01	.04	1	7
1550N 9050E	1	20	15	99	.4	12	8	693	6.47	18	5	ND	1	24	.2	2	2	91	.06	.054	6	29	.50	95	.09	2	2.25	.01	.05	1	3
1550N 9075E	1	15	19	85	.4	5	4	513	4.06	7	5	ND	1	24	.2	2	2	69	.05	.029	8	17	.17	104	.09	2	1.22	.01	.05	1	5
1550N 9100E	2	25	33	122	.6	9	7	914	5.65	13	5	ND	1	15	.6	2	2	67	.04	.074	7	25	.37	98	.05	3	2.54	.01	.05	1	3
1550N 9125E	2	24	16	129	.7	12	7	650	4.99	12	5	ND	1	14	.2	2	2	63	.06	.075	8	27	.48	86	.06	4	3.45	.01	.05	1	5
1550N 9150E	1	19	60	206	1.5	7	7	1996	3.75	13	5	ND	1	9	.4	2	2	41	.06	.220	12	13	.38	68	.03	2	2.42	.01	.07	1	11
1550N 9175E	2	13	26	154	.4	5	4	533	3.82	7	5	ND	1	10	.2	2	2	51	.06	.185	12	13	.27	71	.03	3	2.23	.01	.07	1	2
STANDARD C/AU-S	18	58	38	131	6.9	70	31	1032	3.93	36	18	7	37	51	18.2	16	19	56	.48	.088	36	58	.88	177	.09	31	1.86	.06	.15	13	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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 ppm	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	Au** ppb
1550N 9200E	1	14	19	55	.4	4	3	257	3.81	5	5	ND	1	23	.2	2	2	91	.04	.039	5	14	.10	65	.08	2	1.10	.01	.04	1	7
1500N 8725E	2	20	27	82	.9	6	4	312	6.02	9	5	ND	3	12	.6	2	2	73	.03	.040	12	14	.30	64	.08	2	4.36	.01	.05	1	6
1500N 8750E	1	11	21	84	.4	3	3	232	4.31	7	5	ND	2	14	.2	2	2	78	.02	.043	20	6	.16	85	.05	2	2.29	.02	.06	1	5
1500N 8775E	1	15	21	76	.6	5	3	142	2.61	2	5	ND	1	11	.2	2	2	45	.03	.043	16	10	.28	78	.03	2	2.86	.02	.05	1	5
1500N 8800E	1	21	31	120	.9	6	6	485	5.79	11	5	ND	3	7	.5	2	2	79	.02	.129	16	14	.43	72	.02	2	2.69	.01	.07	1	5
1500N 8825E	1	40	29	72	.8	5	4	238	5.14	8	5	ND	1	12	.8	2	2	98	.06	.069	12	15	.16	103	.04	2	1.83	.01	.05	1	11
1500N 8850E	2	24	19	102	1.4	8	5	266	5.41	12	5	ND	1	25	.4	2	2	70	.18	.052	12	17	.49	81	.05	2	2.18	.02	.05	1	39
1500N 8875E	3	13	10	68	.6	3	2	176	3.61	2	5	ND	1	66	.3	2	2	76	.34	.015	10	12	.06	78	.10	2	.80	.01	.03	1	9
1500N 8900E	4	25	35	70	.7	9	6	387	8.45	19	5	ND	1	35	1.2	4	2	129	.04	.029	8	27	.16	158	.18	2	2.90	.01	.04	1	1
1500N 8925E	4	26	28	91	2.5	10	9	392	4.92	14	5	ND	1	88	.7	2	2	76	.45	.059	15	22	.32	104	.07	2	2.87	.03	.04	1	6
1500N 8950E	5	32	41	98	.7	7	4	317	6.41	15	5	ND	1	43	1.0	3	3	87	.25	.044	9	22	.16	84	.09	2	2.01	.01	.03	1	1
1500N 8975E	8	154	38	1175	3.9	13	10	3679	3.34	17	5	ND	1	175	7.8	2	2	51	1.61	.146	82	32	.49	256	.04	2	2.55	.02	.05	1	5
1500N 9000E	9	36	27	148	1.2	11	9	619	6.52	16	5	ND	1	112	1.3	2	2	100	.50	.074	20	29	.34	150	.13	2	2.31	.01	.04	1	1
1500N 9025E	9	50	58	111	1.2	13	8	428	9.32	21	5	ND	1	35	1.5	2	2	108	.07	.055	6	32	.47	126	.12	2	2.11	.01	.04	1	6
1500N 9050E	13	307	31	2106	2.4	13	10	3378	3.83	37	19	ND	1	234	21.2	2	2	66	1.16	.097	58	27	.45	258	.04	2	2.33	.02	.06	1	7
1500N 9075E	5	63	28	294	2.8	13	8	423	5.17	27	5	ND	1	49	2.9	2	3	62	.14	.090	15	27	.31	160	.07	2	5.38	.01	.02	1	2
1500N 9100E	3	83	17	521	2.6	20	12	1013	5.84	15	5	ND	1	46	1.3	2	5	87	.24	.078	20	30	.63	154	.07	2	3.69	.02	.07	1	5
1500N 9125E	2	48	32	140	1.4	16	14	1373	8.49	19	5	ND	1	23	1.0	2	2	122	.07	.069	9	26	.73	106	.09	3	2.84	.01	.05	1	3
1500N 9150E	2	37	99	226	.9	12	8	870	4.29	13	5	ND	1	25	.7	2	2	66	.14	.108	14	20	.58	184	.04	2	2.85	.01	.10	1	2
1500N 9175E	1	17	29	87	.3	5	4	540	3.56	2	5	ND	1	16	.3	2	2	57	.05	.049	11	13	.15	82	.04	2	1.74	.01	.04	1	4
1500N 9200E	3	153	73	232	3.3	6	10	4945	5.87	21	5	ND	1	10	1.2	2	8	79	.05	.211	22	14	.33	110	.03	2	3.15	.01	.06	1	4
1450N 8275E	1	36	13	81	1.2	6	7	8326	24.28	48	5	ND	1	27	1.0	2	2	51	.14	.047	14	16	.26	192	.04	2	1.91	.01	.03	1	6
1450N 8300E	1	12	13	64	.4	4	6	6295	6.00	4	5	ND	1	17	.2	2	2	83	.13	.020	11	13	.15	113	.07	2	1.38	.01	.04	1	1
1450N 8325E	1	29	19	73	1.6	7	5	409	7.48	12	5	ND	1	16	.8	2	2	121	.08	.037	10	15	.29	64	.09	2	1.95	.01	.04	1	11
1450N 8350E	1	23	21	72	1.2	4	4	340	6.31	11	5	ND	1	9	.2	2	4	134	.05	.034	16	15	.26	47	.09	2	2.36	.01	.06	1	9
1450N 8375E	1	32	33	224	1.6	7	7	570	5.88	19	5	ND	1	33	.9	2	4	66	.26	.066	14	13	.47	178	.03	2	3.00	.02	.07	1	25
1450N 8400E	1	38	33	106	1.4	10	7	438	8.36	24	5	ND	2	10	.9	2	2	124	.05	.050	11	24	.48	60	.07	2	3.93	.01	.05	1	10
1450N 8425E	1	51	40	170	2.7	18	12	924	6.04	19	5	ND	1	19	.9	2	2	97	.10	.066	10	25	.92	118	.06	2	3.06	.01	.06	1	21
1450N 8450E	1	33	21	122	1.5	15	13	921	6.11	22	5	ND	4	12	.7	2	4	95	.07	.109	8	24	.67	80	.08	2	5.32	.01	.04	1	15
1450N 8475E	1	48	16	125	1.9	8	7	445	4.48	5	5	ND	1	12	.5	2	2	62	.08	.059	10	19	.45	64	.09	2	3.82	.01	.05	1	8
1450N 8500E	1	33	22	93	.6	9	6	431	4.77	11	5	ND	1	13	.3	4	2	67	.07	.108	10	15	.48	76	.09	2	1.89	.01	.07	1	5
1450N 8525E	1	19	32	98	.3	11	6	372	2.15	2	5	ND	1	17	.2	2	2	54	.12	.058	12	17	.60	136	.10	2	2.22	.01	.12	1	9
1450N 8550E	1	14	4	72	.6	3	3	133	1.85	8	5	ND	1	49	.2	2	2	25	.23	.090	9	4	.02	90	.01	2	.62	.01	.01	1	3
1450N 8575E	1	9	4	51	.2	2	2	92	.51	3	5	ND	1	79	.2	2	2	5	.37	.065	5	3	.02	114	.01	2	.51	.01	.01	1	6
RE 1450N 8475E	1	49	21	123	1.9	8	7	428	4.34	5	5	ND	1	14	1.1	2	2	59	.08	.056	10	18	.42	65	.09	2	3.75	.01	.05	1	10
1450N 8600E	1	19	16	48	.8	4	3	173	2.86	2	8	ND	1	12	.2	3	2	54	.06	.034	15	10	.15	64	.08	2	1.98	.01	.04	1	3
1450N 8625E	1	24	19	65	.6	5	4	258	6.82	14	5	ND	2	11	.8	3	3	99	.04	.068	11	16	.27	61	.08	2	2.08	.01	.05	1	2
STANDARD C/AU-S	20	62	42	134	7.2	72	31	1050	4.01	42	16	7	39	53	17.5	18	21	60	.49	.092	40	56	.90	176	.09	34	1.90	.06	.15	11	50

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1450N 8650E	1	16	15	36	3.3	3	2	113	3.01	5	5	ND	1	11	.5	2	2	53	.04	.036	12	12	.06	47	.06	2	1.97	.01	.04	1	10
1450N 8675E	1	32	32	88	1.2	7	5	268	6.63	14	5	ND	1	12	.7	2	2	73	.06	.178	9	17	.35	82	.07	2	2.58	.01	.06	1	4
1450N 8700E	3	19	30	109	.7	3	5	926	6.34	27	5	ND	1	14	.5	2	2	75	.04	.095	17	8	.30	82	.05	2	2.59	.01	.09	1	8
1450N 8725E	1	15	8	53	1.1	5	3	169	5.73	8	5	ND	1	19	.6	2	2	62	.03	.038	8	16	.14	55	.07	2	2.58	.01	.03	1	3
1450N 8750E	1	18	14	54	.9	6	4	254	5.63	12	5	ND	1	20	.5	2	2	100	.05	.051	9	17	.11	69	.10	2	1.35	.02	.04	1	5
1450N 8775E	1	18	19	85	1.1	7	5	338	6.68	17	5	ND	3	16	.4	2	2	88	.04	.039	16	15	.31	77	.07	2	2.35	.02	.06	1	5
1450N 8800E	1	24	31	79	.8	6	4	200	5.16	13	5	ND	1	9	.4	2	2	92	.03	.024	11	17	.26	52	.04	2	2.24	.01	.04	1	1
1450N 8825E	1	22	26	69	.7	6	3	239	4.93	9	5	ND	1	17	.2	2	2	86	.12	.052	10	17	.22	85	.07	2	1.83	.01	.04	1	11
1450N 8850E	1	19	21	75	1.0	8	5	408	7.08	17	5	ND	1	23	.9	2	3	84	.04	.046	5	23	.26	81	.11	2	2.80	.01	.03	1	6
1450N 8875E	2	27	14	153	1.8	7	4	310	3.66	12	5	ND	1	77	.9	2	2	52	.54	.037	21	18	.25	124	.04	2	1.46	.02	.04	1	9
1450N 8900E	6	56	37	370	1.5	8	6	801	3.54	13	5	ND	1	107	1.2	2	2	50	.56	.076	49	19	.30	133	.03	2	1.92	.02	.04	1	6
RE 1450N 9075E	5	25	21	99	.8	9	5	486	6.34	14	5	ND	1	22	.5	2	2	92	.06	.039	9	23	.29	86	.11	2	2.19	.01	.04	1	4
1450N 8925E	2	15	14	55	.5	5	3	305	4.05	7	5	ND	1	18	.2	2	2	79	.05	.040	13	14	.11	61	.08	2	1.25	.01	.04	1	5
1450N 8950E	2	21	25	80	.4	10	5	298	4.85	16	5	ND	1	22	.8	2	2	69	.06	.020	7	20	.40	78	.07	2	1.94	.01	.03	1	10
1450N 8975E	6	50	27	271	.3	15	10	943	4.14	15	5	ND	1	94	1.6	2	2	63	.37	.065	21	25	.60	113	.07	2	2.09	.02	.04	1	5
1450N 9000E	4	40	42	550	1.8	18	13	892	4.47	17	8	ND	1	126	.9	2	2	58	.63	.042	10	26	.64	215	.06	2	2.69	.02	.07	1	4
1450N 9025E	13	26	29	72	.9	5	3	212	4.95	9	5	ND	1	26	.2	2	2	101	.05	.027	10	19	.09	103	.10	2	1.29	.01	.03	1	6
1450N 9050E	5	90	22	197	2.3	9	5	398	3.86	13	5	ND	1	89	1.2	2	2	58	.54	.050	12	24	.28	156	.06	2	2.44	.01	.04	1	1
1450N 9075E	5	27	21	95	.8	9	6	477	6.35	17	5	ND	1	22	.2	2	2	94	.06	.039	8	24	.29	86	.11	2	2.20	.01	.05	1	4
1450N 9100E	2	23	21	63	.4	9	6	521	6.94	14	5	ND	1	31	.2	2	4	109	.06	.047	7	25	.28	108	.16	2	1.67	.01	.05	1	3
1450N 9125E	3	27	25	101	.7	13	8	850	7.29	17	5	ND	1	33	.6	2	2	105	.06	.052	7	27	.46	130	.13	2	1.84	.01	.05	1	2
1450N 9150E	1	21	19	101	.4	10	7	751	6.37	10	5	ND	1	35	.5	2	3	95	.04	.049	6	24	.28	106	.11	2	1.80	.01	.04	1	18
1450N 9175E	1	28	13	131	.7	15	9	561	5.52	18	5	ND	1	53	.9	2	2	67	.33	.087	7	29	.43	123	.07	2	3.70	.01	.05	1	4
1450N 9200E	1	20	15	77	.3	12	7	452	4.57	13	5	ND	1	36	.2	2	2	89	.07	.067	6	22	.46	100	.10	2	1.62	.01	.05	1	5
1400N 8775E	1	17	20	62	.9	4	3	278	4.15	10	5	ND	1	16	.5	2	2	54	.03	.048	14	13	.13	66	.04	2	3.04	.01	.04	1	13
1400N 8800E	1	24	30	72	.5	7	6	589	7.95	19	5	ND	1	11	1.2	2	2	78	.06	.095	9	15	.35	65	.08	2	3.53	.01	.05	1	11
1400N 8825E	1	64	36	157	1.3	14	16	1258	4.27	16	5	ND	1	18	.8	2	2	58	.12	.075	23	23	.70	113	.06	2	2.92	.02	.09	1	38
1400N 8850E	1	23	21	76	.3	9	5	458	5.04	12	5	ND	1	7	.4	2	2	60	.03	.073	7	18	.42	44	.05	2	2.25	.01	.04	1	9
1400N 8875E	1	48	33	121	.6	11	7	499	3.41	9	5	ND	1	16	.3	2	2	62	.15	.041	15	18	.59	133	.03	2	1.97	.01	.04	1	24
1400N 8900E	1	70	58	182	.2	14	8	855	3.37	13	5	ND	1	31	.8	2	2	61	.39	.056	19	21	.73	169	.03	2	1.76	.02	.07	1	27
1400N 8925E	1	44	52	140	1.1	12	9	698	4.02	12	6	ND	1	19	.8	2	2	68	.21	.064	14	22	.64	129	.03	2	1.84	.01	.08	1	15
1400N 8950E	1	34	25	118	.9	8	5	343	3.06	7	5	ND	1	39	.5	2	2	57	.37	.049	43	20	.40	137	.03	2	1.89	.01	.06	1	8
1400N 8975E	1	17	22	80	1.3	9	5	639	4.22	11	5	ND	1	17	.3	2	2	60	.10	.126	14	16	.29	89	.06	2	1.69	.02	.06	1	27
1400N 9000E	1	10	9	27	.5	2	1	112	2.56	4	5	ND	1	9	.3	3	2	32	.02	.029	12	8	.04	50	.04	2	1.14	.02	.02	1	12
1400N 9025E	2	25	20	57	.7	6	5	407	8.47	16	5	ND	1	21	.9	2	2	123	.07	.048	8	21	.23	109	.09	2	2.23	.01	.02	1	1
1400N 9050E	1	23	29	77	.7	9	5	572	5.64	15	5	ND	1	21	.2	2	2	78	.05	.092	15	21	.27	79	.05	2	1.70	.01	.03	1	13
1400N 9075E	1	20	19	60	1.2	8	4	340	5.54	13	5	ND	1	21	.5	2	2	88	.04	.067	8	20	.25	80	.07	2	1.72	.01	.03	1	6
STANDARD C/AU-S	19	63	40	133	7.2	75	33	1047	3.95	42	24	6	40	53	17.4	14	22	59	.49	.091	40	56	.91	179	.09	34	1.90	.06	.15	13	45

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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 ppm	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	Au** ppb
1400N 9100E	1	27	22	126	.7	13	10	1686	6.80	8	5	ND	1	21	.7	2	2	106	.11	.161	10	43	.64	119	.05	2	2.38	.01	.07	1	2
1400N 9125E	3	24	23	120	.9	12	7	982	6.97	12	5	ND	1	19	.4	2	2	81	.05	.076	13	31	.48	123	.06	2	2.31	.01	.05	1	4
1400N 9150E	3	41	13	747	1.2	15	7	974	3.83	15	5	ND	1	102	2.8	2	2	54	.76	.090	21	27	.51	176	.05	2	2.88	.01	.06	1	7
1400N 9175E	1	22	21	99	.1	12	7	395	7.35	14	5	ND	1	28	.5	2	2	95	.06	.072	9	26	.45	106	.10	2	1.82	.01	.07	1	7
1400N 9200E	3	16	18	48	.5	6	3	240	5.22	5	5	ND	2	156	.2	2	3	103	.05	.037	9	19	.17	154	.13	2	1.31	.01	.04	1	4
1350N 7675E	1	21	14	80	1.0	10	6	344	2.83	8	5	ND	1	26	.2	2	2	45	.18	.056	10	17	.58	63	.07	2	1.66	.01	.05	1	11
1350N 7700E	1	15	3	56	.5	4	2	93	1.47	2	5	ND	1	40	.4	2	2	13	.32	.081	5	4	.04	89	.01	3	.43	.01	.02	1	3
1350N 7725E	2	17	6	70	.3	1	1	37	.43	2	5	ND	1	44	.5	2	2	7	.28	.049	5	3	.02	90	.01	2	.32	.01	.02	1	4
1350N 7750E	5	23	28	65	.4	1	3	181	1.39	2	5	ND	1	28	.6	2	2	27	.22	.078	4	4	.03	57	.01	2	.39	.01	.02	1	4
1350N 7775E	9	6	12	38	.2	4	4	852	2.12	2	5	ND	1	14	.4	2	2	41	.07	.038	13	13	.25	59	.07	2	1.07	.01	.05	1	7
1350N 7800E	2	7	20	64	.2	13	7	494	2.22	3	5	ND	1	17	.3	2	3	40	.10	.037	10	15	.54	63	.08	2	1.51	.01	.05	1	9
1350N 7825E	1	11	13	103	.6	4	6	430	7.28	10	5	ND	2	6	.5	2	2	65	.05	.157	9	7	.64	78	.05	2	4.68	.01	.10	1	4
1350N 7850E	1	13	11	49	.9	6	4	338	3.86	4	5	ND	1	14	.7	2	2	64	.06	.037	11	12	.29	88	.08	2	1.54	.01	.04	1	27
1350N 7875E	1	20	34	111	.6	8	7	440	6.08	12	5	ND	3	10	.8	2	2	71	.05	.066	9	19	.52	70	.06	2	4.48	.01	.05	1	7
1350N 7900E	2	16	10	67	1.4	6	5	377	4.49	6	5	ND	1	21	.9	2	2	66	.09	.055	12	18	.36	85	.08	2	2.27	.01	.05	1	9
1350N 7925E	1	13	16	44	.5	5	3	221	6.09	8	5	ND	2	11	.2	2	2	102	.04	.044	9	21	.22	52	.08	2	2.50	.01	.03	1	3
1350N 7950E	2	22	27	95	.5	9	9	597	5.75	17	5	ND	2	17	.6	2	2	81	.12	.115	11	27	.47	78	.09	2	5.02	.01	.04	1	45
1350N 7975E	2	18	20	59	1.1	5	4	278	6.41	11	5	ND	1	13	.5	2	2	90	.07	.052	11	21	.21	64	.09	2	3.15	.01	.04	1	9
1350N 8000E	1	18	16	67	.9	6	5	377	5.88	16	5	ND	1	15	.4	2	2	81	.07	.063	10	24	.32	80	.10	2	3.12	.01	.04	1	5
1350N 8025E	1	15	17	60	.4	5	5	409	7.96	15	5	ND	1	11	.4	2	2	128	.04	.142	9	21	.24	66	.11	2	2.23	.01	.04	1	4
1350N 8050E	1	26	23	112	1.6	10	8	632	5.05	9	5	ND	2	16	.7	2	2	75	.09	.057	9	25	.55	88	.09	2	3.89	.01	.06	1	26
1350N 8075E	3	39	26	100	3.6	11	8	736	4.79	14	5	ND	1	17	.8	2	2	64	.10	.086	19	30	.58	75	.06	2	3.91	.01	.06	1	16
1350N 8100E	2	21	15	63	.8	8	6	359	9.21	16	5	ND	3	14	.8	2	2	146	.07	.104	8	30	.39	89	.13	2	3.41	.01	.04	1	8
1350N 8125E	1	17	22	49	1.0	4	3	200	4.03	6	5	ND	2	12	.6	2	2	63	.05	.033	9	17	.23	68	.08	2	3.22	.01	.04	1	22
1350N 8150E	5	89	20	39	.6	1	3	547	1.52	14	5	ND	6	11	.3	2	3	12	.07	.018	62	4	.19	69	.02	2	.59	.02	.06	1	16
RE 1350N 8050E	2	29	20	111	1.7	10	7	626	4.91	10	5	ND	2	14	.7	2	2	73	.07	.057	10	24	.53	85	.09	2	3.83	.01	.04	1	14
1350N 8175E	1	47	29	158	1.6	11	9	421	3.59	10	5	ND	4	21	1.0	2	2	58	.13	.051	18	22	.58	118	.07	2	2.84	.01	.06	1	17
1350N 8200E	2	55	26	128	.9	14	12	952	6.41	9	5	ND	3	43	1.7	2	2	125	.61	.086	12	30	.69	95	.12	2	.95	.02	.06	1	105
1350N 8225E	1	25	33	135	1.8	5	6	426	3.35	9	5	ND	3	23	.9	2	2	48	.23	.071	16	9	.52	148	.03	2	2.11	.01	.05	1	53
1350N 8250E	4	35	231	414	6.6	5	11	1011	4.73	19	5	ND	4	26	2.7	2	5	40	.30	.063	23	10	.53	129	.02	2	1.67	.01	.08	4	327
1350N 8275E	2	22	53	95	2.2	5	3	184	1.75	5	5	ND	1	15	.6	2	2	49	.08	.029	17	11	.25	74	.03	2	1.87	.01	.05	1	77
1350N 8300E	4	17	27	73	.9	6	7	195	1.38	5	5	ND	1	33	.6	2	2	48	.20	.023	11	18	.27	140	.06	2	1.74	.01	.04	1	5
1350N 8375E	2	17	30	71	1.1	6	4	248	5.03	7	5	ND	1	13	.5	2	2	101	.06	.025	11	18	.27	54	.10	2	2.44	.01	.05	1	12
1350N 8400E	1	20	20	126	.5	7	17	1666	2.58	3	5	ND	1	22	1.1	2	3	49	.12	.031	18	14	.35	186	.06	2	1.72	.01	.04	1	13
1350N 8425E	3	28	23	66	.7	5	5	344	10.72	12	5	ND	3	9	.2	2	3	137	.03	.124	8	17	.32	75	.11	2	2.81	.01	.04	1	24
1350N 8450E	2	33	20	80	1.5	5	5	487	8.22	15	5	ND	2	9	.6	2	2	108	.04	.057	11	17	.31	62	.07	2	3.52	.01	.05	1	25
1350N 8475E	1	25	21	102	.7	8	9	849	9.18	17	5	ND	3	8	1.0	2	2	162	.05	.218	9	19	.64	88	.13	2	4.20	.01	.11	1	20
STANDARD C/AU-S	20	63	41	130	7.0	71	33	1054	3.89	43	19	6	37	52	19.0	16	19	56	.50	.089	38	58	.86	184	.09	32	1.86	.06	.13	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1350N 8500E	2	66	30	180	1.9	10	12	1069	10.00	12	5	ND	2	6	.2	6	5	120	.04	.103	8	11	1.14	99	.09	4	4.74	.01	.17	2	57
1350N 8525E	3	148	44	150	.7	12	14	1400	10.15	16	5	ND	1	8	.2	2	15	168	.17	.181	8	26	.86	82	.11	2	2.96	.02	.17	1	31
1350N 8550E	2	43	13	125	2.4	9	8	4124	3.60	6	5	ND	1	31	.3	2	4	62	.16	.147	12	24	.48	185	.03	2	3.15	.03	.10	1	12
1350N 8575E	2	42	24	76	.5	10	6	380	6.29	6	5	ND	4	17	.2	2	2	107	.13	.129	9	25	.50	117	.20	2	2.96	.02	.06	1	5
1350N 8600E	2	22	16	55	2.6	5	3	186	5.07	8	5	ND	1	12	.2	2	2	74	.07	.055	9	16	.29	62	.11	2	2.33	.02	.05	1	2
1350N 8625E	2	23	14	69	1.1	5	4	242	2.33	4	5	ND	1	20	.3	2	2	42	.08	.036	10	13	.41	102	.06	2	1.80	.04	.12	1	9
1350N 8650E	3	29	16	66	.7	7	4	320	3.48	3	5	ND	1	20	.7	2	3	71	.09	.041	12	17	.39	100	.16	2	2.14	.03	.13	1	5
1350N 8675E	2	37	16	100	1.2	8	7	649	3.40	9	5	ND	1	23	1.0	2	2	54	.13	.079	13	16	.51	133	.06	2	2.93	.03	.14	1	7
1350N 8700E	1	45	20	106	2.1	9	7	544	4.29	12	5	ND	1	21	.4	2	2	69	.08	.042	14	20	.61	131	.07	2	3.32	.02	.17	1	10
1350N 8725E	2	39	18	89	.8	9	5	282	2.75	4	5	ND	1	29	.9	2	2	62	.19	.039	10	16	.65	140	.13	2	2.25	.03	.10	1	5
1350N 8750E	2	25	17	73	1.4	6	6	379	4.64	12	5	ND	1	20	.2	2	2	63	.07	.055	14	16	.38	74	.07	2	2.68	.02	.08	1	6
1350N 8775E	1	32	29	148	5.7	3	6	404	3.88	5	5	ND	3	22	.2	2	3	48	.08	.083	14	8	.58	89	.05	2	6.09	.01	.10	1	6
1350N 8800E	1	20	15	61	.9	4	4	329	5.56	10	5	ND	1	13	.2	2	2	85	.06	.075	14	11	.34	96	.08	2	2.46	.02	.07	1	6
1350N 8825E	1	17	17	65	1.1	4	4	361	5.20	9	5	ND	1	23	.2	2	2	77	.05	.052	14	15	.27	100	.08	2	2.38	.02	.08	1	3
1350N 8850E	1	7	15	27	.5	1	2	207	1.11	2	5	ND	1	20	.6	2	2	23	.06	.021	14	7	.08	62	.06	2	1.01	.02	.05	1	7
1350N 8875E	2	13	28	44	.2	2	5	1656	4.80	6	5	ND	1	19	.2	2	2	82	.04	.047	12	16	.17	107	.09	2	1.71	.02	.05	1	11
1350N 8900E	1	11	18	58	.8	5	4	710	3.53	6	5	ND	1	12	.2	2	2	49	.04	.030	15	16	.33	78	.06	2	1.80	.01	.10	1	5
1250N 7500E	2	25	22	89	.5	8	7	384	5.59	11	5	ND	3	15	.2	2	3	87	.06	.031	7	26	.46	70	.11	2	3.46	.01	.05	1	12
1250N 7525E	5	24	23	85	.4	6	7	558	5.11	5	5	ND	1	19	.2	2	4	93	.09	.072	8	16	.46	66	.11	2	2.09	.01	.08	1	3
1250N 7550E	7	27	21	81	.2	8	6	564	4.06	5	5	ND	1	23	.2	2	3	67	.13	.047	8	14	.44	73	.08	2	2.03	.01	.07	1	11
1250N 7575E	6	33	23	108	2.0	8	9	1489	2.98	3	6	ND	1	25	.3	2	4	57	.15	.127	13	21	.52	97	.04	2	3.03	.01	.09	1	35
1250N 7600E	3	13	13	41	.8	2	3	189	4.39	3	5	ND	1	10	.2	2	2	68	.04	.029	10	14	.17	45	.06	2	2.29	.01	.04	1	9
1250N 7625E	2	31	28	117	.4	8	8	504	4.11	13	5	ND	2	10	.2	2	2	64	.05	.060	9	18	.49	81	.04	2	3.36	.01	.10	1	11
1250N 7650E	5	28	25	96	.3	6	8	715	4.42	7	5	ND	1	27	.8	2	2	74	.11	.076	8	16	.43	91	.07	2	2.28	.02	.08	1	7
1250N 7675E	11	49	36	123	.2	11	9	539	3.99	11	5	ND	2	54	.5	2	2	73	.29	.055	12	20	.74	128	.10	3	2.63	.03	.14	1	19
1250N 7700E	12	58	27	143	.3	17	15	1544	4.45	19	5	ND	2	39	.2	2	2	72	.51	.082	17	20	1.05	212	.07	2	2.21	.05	.19	1	12
1250N 7725E	2	34	21	98	.1	11	13	878	4.25	15	5	ND	1	21	.2	2	2	76	.15	.074	10	23	.50	89	.08	2	2.60	.01	.05	1	33
1250N 7750E	3	31	26	99	1.2	8	8	426	4.45	11	5	ND	2	12	.2	2	2	66	.10	.081	7	22	.42	65	.07	2	3.84	.01	.06	1	335
1250N 7775E	5	15	18	62	.7	5	5	358	6.75	11	5	ND	1	26	.2	2	3	109	.08	.054	9	21	.35	67	.18	3	2.47	.01	.06	1	10
RE 1250N 7675E	11	43	38	122	.1	10	9	537	4.07	12	5	ND	2	50	.2	2	4	74	.29	.056	11	20	.72	119	.10	3	2.54	.02	.11	1	22
1250N 7800E	4	18	13	51	.4	4	5	400	10.19	11	5	ND	2	11	.2	2	2	146	.04	.073	8	26	.27	51	.16	3	2.77	.01	.04	1	8
1250N 7825E	5	19	18	72	.6	9	6	370	9.50	18	5	ND	2	17	.2	3	2	142	.07	.074	7	30	.41	67	.15	4	2.14	.01	.06	1	16
1250N 7850E	8	20	18	56	1.9	7	4	261	5.40	6	5	ND	1	25	.7	2	2	92	.09	.055	10	18	.33	94	.12	2	2.27	.01	.07	1	10
1250N 7875E	3	12	24	53	.7	6	5	212	1.64	3	5	ND	1	21	.5	2	2	54	.08	.021	10	22	.43	75	.10	2	2.10	.02	.07	1	16
1250N 7900E	4	26	13	43	.6	3	3	216	9.38	14	5	ND	1	9	.2	2	2	98	.03	.023	5	20	.24	42	.12	3	2.46	.01	.04	1	12
1250N 7925E	5	8	17	34	.5	2	2	149	.90	3	5	ND	1	34	.6	2	2	19	.19	.050	8	8	.12	80	.03	2	.86	.01	.05	1	22
1250N 7950E	2	19	17	68	.5	8	5	293	4.90	8	5	ND	1	18	.2	2	2	66	.11	.037	12	22	.43	51	.08	2	2.73	.02	.03	1	11
STANDARD C/AU-S	20	57	44	130	7.3	69	34	1069	3.92	42	18	6	38	53	19.0	16	20	55	.48	.088	38	57	.87	171	.08	32	1.86	.08	.14	13	49

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1250N 7975E	1	39	39	143	.5	12	10	1153	3.33	16	5	ND	3	72	.3	2	2	51	.62	.059	17	14	.74	262	.10	2	1.70	.06	.23	1	4
1250N 8000E	1	15	92	121	2.2	3	3	560	2.00	4	5	ND	3	7	.9	2	2	17	.03	.043	38	6	.13	171	.01	2	1.54	.02	.10	1	65
1250N 8025E	3	83	91	226	2.8	6	10	1765	3.67	11	5	ND	5	22	1.9	2	2	41	.22	.061	29	7	.59	132	.08	2	1.21	.02	.12	2	123
1250N 8050E	2	42	72	79	1.8	2	4	925	1.68	4	5	ND	4	8	.6	2	2	12	.04	.021	48	3	.09	55	.02	2	.55	.02	.08	1	298
1250N 8075E	2	24	83	160	1.0	14	10	1106	3.78	17	5	ND	3	16	.5	2	2	57	.19	.061	17	22	.73	159	.04	2	1.70	.01	.11	1	6
1250N 8100E	1	20	22	76	.3	4	4	391	2.54	3	5	ND	3	18	.3	2	2	39	.20	.048	30	7	.28	182	.02	2	1.18	.01	.11	1	26
1250N 8125E	1	20	23	75	1.4	8	6	327	5.00	10	5	ND	3	13	.7	2	2	73	.05	.031	8	21	.40	94	.09	2	3.80	.01	.04	1	34
1250N 8150E	1	15	23	53	1.2	4	3	237	5.34	12	5	ND	2	7	.3	2	2	79	.02	.041	8	11	.12	47	.07	2	2.00	.01	.03	1	4
1250N 8175E	1	15	29	63	1.0	4	4	438	5.11	20	5	ND	1	8	.6	2	2	81	.04	.036	10	10	.11	51	.05	2	1.58	.02	.04	1	1
1250N 8200E	1	16	22	53	3.1	6	4	240	4.60	7	5	ND	3	13	.6	2	2	74	.04	.030	7	19	.26	60	.08	2	3.08	.01	.04	1	4
RE 1250N 8300E	1	38	31	190	2.3	14	14	844	5.02	4	5	ND	3	15	1.1	2	2	111	.17	.084	18	13	1.40	115	.18	2	3.74	.02	.21	1	47
1250N 8225E	1	23	21	80	1.6	8	7	420	6.03	9	5	ND	2	13	.8	2	2	84	.06	.056	7	17	.45	62	.09	2	3.30	.01	.06	1	4
1250N 8250E	1	21	25	73	2.3	7	5	298	5.29	9	5	ND	3	11	.7	2	2	59	.04	.046	9	13	.34	65	.07	2	4.57	.01	.04	1	16
1250N 8275E	2	19	15	66	.8	7	5	277	3.45	3	5	ND	1	13	.5	2	2	59	.07	.045	11	11	.48	72	.09	2	2.36	.02	.10	1	18
1250N 8300E	1	39	32	188	2.2	14	14	836	4.95	2	5	ND	3	15	.9	2	2	109	.17	.084	17	12	1.39	115	.18	2	3.70	.02	.21	1	55
1250N 8325E	1	24	19	67	1.3	8	5	247	3.87	7	5	ND	4	17	.8	2	2	56	.08	.045	9	17	.35	76	.08	2	2.69	.01	.06	1	4
1250N 8350E	1	23	19	56	.7	6	4	249	7.24	11	5	ND	2	12	.6	2	2	85	.04	.039	6	15	.25	55	.14	2	2.43	.01	.05	1	3
1250N 8375E	1	27	22	50	.7	5	4	232	7.89	10	5	ND	3	12	1.0	2	2	90	.04	.039	7	16	.23	66	.12	2	2.14	.01	.05	1	2
1250N 8400E	1	31	17	68	.8	9	6	295	4.98	7	5	ND	1	23	.7	4	2	67	.11	.048	9	19	.39	72	.10	2	2.90	.01	.05	1	4
1250N 8425E	1	28	13	66	1.1	7	6	423	4.08	5	5	ND	1	12	.9	2	2	72	.06	.041	12	11	.41	71	.13	2	2.28	.01	.07	1	92
1250N 8450E	1	28	17	64	1.4	7	5	292	5.71	6	5	ND	2	19	.7	2	3	106	.10	.083	7	16	.36	64	.13	2	1.92	.01	.05	1	16
1250N 8475E	1	28	17	52	1.1	5	4	186	6.92	7	5	ND	2	11	.8	2	2	90	.06	.052	7	18	.24	41	.13	2	3.05	.01	.03	2	122
1250N 8500E	1	20	12	55	.8	6	4	223	3.59	3	5	ND	1	11	1.0	2	2	48	.08	.047	7	16	.25	49	.07	2	3.03	.01	.04	1	15
1250N 8525E	2	37	13	69	1.3	10	5	233	4.42	2	5	ND	2	15	1.0	2	2	58	.11	.049	10	18	.38	74	.10	2	2.69	.01	.05	1	8
1250N 8550E	1	16	20	33	1.0	4	2	88	3.17	5	5	ND	2	10	.6	2	2	66	.07	.028	11	11	.09	51	.09	2	2.02	.01	.02	1	5
1250N 8575E	1	19	17	48	.7	6	3	188	5.12	9	5	ND	1	9	.6	2	2	58	.04	.042	8	14	.21	53	.05	2	2.58	.01	.03	1	1
1250N 8600E	1	30	19	83	1.6	10	7	349	4.32	13	9	ND	1	19	.7	2	2	53	.14	.043	9	15	.42	85	.05	2	2.18	.01	.06	1	2
1250N 8625E	1	45	22	70	1.4	8	4	210	3.06	11	5	ND	1	24	.5	2	2	43	.14	.050	11	14	.25	106	.02	2	2.10	.01	.09	1	26
1250N 8650E	1	32	14	77	2.0	10	5	180	3.85	12	5	ND	1	19	.9	2	2	54	.15	.048	9	16	.26	96	.03	2	2.22	.01	.06	1	26
1250N 8675E	3	47	23	205	1.9	6	6	1041	2.95	9	5	ND	1	40	1.0	2	2	38	.41	.181	12	13	.26	116	.02	2	2.21	.01	.06	1	7
1250N 8700E	1	23	20	74	2.0	6	4	266	3.72	8	5	ND	1	18	.4	2	2	50	.11	.047	11	10	.27	92	.04	2	1.84	.01	.07	1	3
1250N 8725E	2	22	21	59	1.3	5	4	213	7.00	14	5	ND	1	10	.9	3	4	72	.03	.031	8	15	.21	65	.07	2	2.23	.01	.06	1	2
1250N 8750E	1	21	16	66	1.3	4	3	210	3.60	13	5	ND	1	15	.7	2	2	40	.12	.038	13	8	.21	96	.03	2	1.72	.01	.06	1	9
1250N 8775E	1	16	24	115	.8	5	4	237	2.79	12	5	ND	1	15	.5	2	2	44	.11	.046	14	9	.31	102	.02	2	1.91	.01	.06	1	7
1250N 8800E	2	22	22	164	.3	4	5	455	2.71	13	5	ND	1	30	.4	2	2	49	.29	.052	16	9	.24	152	.02	2	1.67	.01	.10	1	4
1250N 8825E	4	26	19	193	.6	6	5	2484	1.93	5	5	ND	1	33	2.2	2	2	38	.30	.059	16	10	.24	142	.02	2	1.44	.01	.09	1	14
1250N 8850E	2	25	32	218	.3	5	5	796	2.62	8	5	ND	1	32	.7	2	2	40	.36	.046	16	9	.26	146	.03	2	1.56	.01	.09	1	3
STANDARD C/AU-S	18	62	38	130	6.9	71	32	1034	3.96	40	21	8	40	52	18.7	17	20	58	.48	.090	39	56	.88	177	.09	34	1.93	.06	.14	12	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1250N 8875E	2	20	19	195	.5	7	6	592	2.58	5	5	ND	1	22	.2	2	2	35	.22	.062	14	14	.41	116	.03	2	1.84	.02	.06	1	11
1250N 8900E	2	20	19	103	.2	6	4	291	3.44	8	5	ND	1	15	.4	2	2	46	.14	.034	15	14	.43	96	.04	2	2.47	.02	.09	1	7
1150N 7725E	18	228	19	127	.3	13	15	753	4.99	6	5	ND	1	23	.5	2	2	78	.18	.049	11	20	.84	125	.05	3	2.64	.02	.11	1	1
1150N 7750E	22	45	18	83	1.2	9	7	504	7.76	10	5	ND	1	27	1.0	2	2	116	.15	.081	8	27	.39	83	.10	2	2.39	.02	.05	1	1
1150N 7775E	30	72	15	141	.7	15	14	672	5.56	9	5	ND	1	33	.9	2	2	90	.20	.064	9	25	.79	104	.11	3	2.59	.02	.06	1	5
1150N 7800E	8	49	25	132	1.7	10	20	1204	5.17	17	5	ND	1	28	1.4	2	2	84	.24	.100	12	24	.48	91	.09	3	4.44	.01	.04	1	19
1150N 7825E	15	26	15	96	.6	9	7	458	5.09	7	5	ND	1	23	1.3	2	2	80	.19	.059	11	21	.43	98	.07	3	2.21	.02	.04	1	13
1150N 7850E	4	25	18	61	.2	7	5	325	5.99	10	5	ND	1	19	.7	2	2	133	.06	.070	8	22	.31	83	.12	3	2.01	.02	.06	1	9
1150N 7875E	11	25	14	88	.4	9	7	506	9.89	14	5	ND	1	19	.6	2	2	138	.12	.086	9	29	.42	86	.15	2	2.38	.01	.04	1	5
1150N 7900E	33	103	25	103	1.7	12	13	3080	5.40	9	6	ND	1	38	1.6	2	2	89	.20	.087	22	31	.50	125	.08	3	3.14	.02	.07	1	10
1150N 7975E	26	29	27	152	.3	16	11	624	4.46	31	5	ND	1	40	.4	2	2	62	.43	.091	13	24	.90	123	.11	2	2.00	.03	.08	1	174
1150N 8000E	14	25	21	95	1.4	8	6	330	5.83	9	5	ND	1	22	1.0	2	2	88	.13	.029	13	20	.44	89	.07	3	2.56	.02	.05	1	27
1150N 8075E	73	30	26	128	.2	13	18	831	4.73	28	5	ND	1	33	.9	2	2	82	.24	.039	11	23	.64	131	.10	2	1.92	.04	.07	1	10
RE 1150N 8225E	3	65	18	103	.1	10	9	658	3.48	4	5	ND	4	30	.5	2	2	70	.33	.063	12	20	.66	109	.12	2	1.42	.02	.07	1	13
1150N 8125E	1	37	32	126	.2	13	13	1216	4.09	11	5	ND	1	30	.9	2	2	66	.26	.060	13	20	.66	130	.10	4	2.16	.04	.11	1	14
1150N 8150E	1	82	21	140	.6	10	9	857	4.20	4	5	ND	3	38	.8	2	2	81	.52	.077	14	21	.73	97	.10	2	1.13	.02	.09	1	21
1150N 8175E	1	7	16	100	.1	2	5	490	2.40	4	5	ND	4	42	.2	2	2	35	.70	.089	22	2	.62	134	.15	2	1.13	.03	.19	1	1
1150N 8200E	2	7	34	80	.5	2	3	670	1.63	2	5	ND	1	15	.6	2	2	24	.15	.045	13	3	.14	111	.01	2	1.36	.01	.08	1	3
1150N 8225E	1	62	17	100	.2	10	8	640	3.38	3	5	ND	2	28	.7	2	2	67	.32	.061	12	19	.63	105	.12	2	1.36	.02	.06	1	15
1150N 8250E	1	14	21	69	.5	6	5	437	5.95	8	5	ND	1	15	.4	2	2	95	.06	.063	7	19	.34	78	.13	2	2.39	.01	.05	1	13
1150N 8275E	1	18	22	78	.5	9	6	491	4.44	10	5	ND	2	21	.6	2	2	69	.17	.079	9	22	.46	71	.09	2	2.54	.01	.04	1	10
1150N 8300E	1	21	29	99	.3	8	7	413	5.67	9	5	ND	3	20	.7	2	2	84	.08	.038	7	28	.49	68	.12	2	4.10	.01	.04	1	11
1150N 8325E	1	28	24	122	.6	10	7	474	3.74	8	5	ND	2	19	.6	2	2	60	.11	.063	9	19	.50	82	.07	2	3.27	.01	.04	1	12
1150N 8350E	1	22	26	93	1.5	8	6	278	4.11	10	5	ND	2	14	.2	2	2	64	.06	.071	8	21	.39	65	.06	2	2.96	.01	.04	1	10
1150N 8375E	2	23	19	92	.6	8	6	411	8.61	10	5	ND	2	11	.4	2	2	102	.04	.035	9	23	.46	50	.10	2	3.00	.01	.05	1	7
1150N 8425E	2	21	20	65	1.0	5	4	255	6.45	15	5	ND	2	8	.6	2	3	87	.03	.065	11	15	.25	61	.05	2	3.23	.02	.08	1	18
1150N 8475E	1	30	22	99	.6	11	9	502	7.68	13	5	ND	1	14	.2	2	2	151	.07	.051	8	20	.71	87	.15	2	2.40	.01	.06	1	22
1150N 8500E	2	14	56	108	.8	5	10	828	2.98	8	5	ND	3	79	1.2	2	2	100	.64	.165	20	15	.81	150	.29	2	1.95	.02	.07	1	9
1150N 8525E	2	46	68	214	.4	14	11	1407	3.48	15	5	ND	1	21	1.3	2	2	59	.17	.078	24	23	.64	125	.04	3	2.61	.02	.09	1	13
1150N 8550E	2	12	28	93	.4	9	6	291	2.58	3	5	ND	1	17	.5	2	2	53	.08	.033	14	17	.46	91	.06	2	2.01	.02	.11	1	6
1150N 8575E	1	15	27	63	.6	6	3	169	3.09	5	5	ND	1	13	.7	2	2	64	.06	.031	14	19	.32	58	.06	2	1.85	.01	.11	1	73
1150N 8600E	1	19	26	54	1.1	6	3	200	1.17	2	5	ND	1	22	.4	2	2	78	.10	.025	13	19	.30	129	.09	2	1.73	.02	.09	1	7
1150N 8625E	3	20	15	68	1.6	6	4	225	6.85	3	5	ND	3	16	1.0	2	2	149	.08	.032	8	20	.31	69	.26	2	2.49	.01	.05	1	3
1150N 8650E	2	14	23	97	1.8	5	16	1326	3.27	2	5	ND	1	29	.7	2	2	86	.21	.055	8	13	.92	121	.23	2	2.52	.03	.16	1	7
1150N 8700E	2	32	16	61	1.3	8	4	282	4.00	7	5	ND	1	20	1.3	2	2	56	.08	.057	10	18	.28	71	.06	2	2.34	.01	.08	1	9
1150N 8725E	1	26	14	76	1.1	10	6	308	4.26	9	5	ND	1	14	.9	2	2	65	.12	.050	11	20	.49	52	.09	2	2.38	.01	.08	1	8
1150N 8750E	1	21	12	69	.7	10	4	257	4.44	9	5	ND	1	16	.6	2	2	65	.07	.055	10	20	.25	63	.06	3	2.72	.01	.03	1	5
STANDARD C/AU-S	20	63	41	132	7.0	73	32	1072	3.92	41	23	7	38	54	19.0	15	22	61	.49	.090	41	60	.91	176	.09	37	1.91	.06	.14	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1150N 8775E	1	15	14	68	.5	10	6	323	2.51	8	5	ND	1	17	.2	2	2	48	.10	.023	9	17	.47	79	.05	2	1.36	.02	.06	1	1
1150N 8800E	2	54	17	87	2.0	13	6	307	3.91	15	5	ND	1	17	.2	2	2	57	.07	.074	12	27	.41	75	.04	2	3.21	.01	.06	1	12
1150N 8825E	2	36	16	108	2.1	12	7	425	3.83	15	5	ND	1	15	.2	2	2	55	.10	.059	11	23	.53	65	.05	3	2.66	.01	.06	1	13
1150N 8850E	1	26	14	94	.8	11	8	505	3.42	9	5	ND	1	15	.2	2	2	55	.10	.030	10	20	.62	86	.06	2	2.22	.02	.09	1	6
1150N 8875E	2	33	16	102	1.4	12	8	481	4.25	17	5	ND	1	23	.2	2	2	58	.10	.054	10	23	.51	86	.04	2	2.55	.01	.08	1	1
1150N 8900E	2	38	15	89	1.7	14	8	529	3.76	14	5	ND	1	21	.6	2	2	50	.11	.059	10	23	.50	77	.03	3	2.53	.01	.10	1	6
1050N 7925E	12	36	28	129	1.7	7	11	667	7.14	15	9	ND	1	16	.2	2	2	88	.18	.072	12	14	.76	122	.08	2	3.35	.01	.08	1	5
1050N 7950E	15	79	20	194	.3	12	18	1847	5.15	6	6	ND	1	26	.2	2	2	74	.25	.093	12	18	1.08	195	.06	2	3.28	.02	.11	1	5
1050N 7975E	9	122	12	117	.5	12	16	1111	3.68	5	29	ND	2	33	.4	2	2	76	.54	.089	13	16	1.46	120	.20	2	2.27	.03	.12	1	7
1050N 8000E	11	470	34	155	4.8	14	7	451	1.64	10	70	ND	1	44	2.4	2	2	34	.78	.262	73	28	.48	169	.01	2	4.03	.01	.09	1	25
1050N 8025E	4	48	25	107	1.1	11	8	437	4.68	14	5	ND	1	24	.2	2	2	72	.14	.044	14	21	.56	88	.07	2	2.25	.02	.06	1	6
1050N 8050E	7	32	22	79	1.4	7	5	332	4.24	11	5	ND	1	23	.2	2	2	67	.12	.037	14	20	.36	77	.07	2	2.14	.02	.06	1	42
1050N 8075E	18	52	22	143	.8	11	14	1115	4.29	11	5	ND	1	21	.2	2	2	81	.11	.037	11	19	.72	131	.05	2	2.53	.02	.13	1	12
1050N 8100E	3	39	25	126	1.1	12	10	511	4.44	14	5	ND	1	18	.3	2	2	77	.08	.038	13	24	.74	76	.06	2	2.70	.02	.11	1	10
1050N 8125E	1	23	16	104	.6	9	8	627	3.99	9	5	ND	1	22	.3	2	2	63	.19	.067	12	18	.66	81	.10	2	1.66	.05	.13	1	4
1050N 8150E	3	27	42	102	.9	8	8	647	7.15	21	5	ND	1	19	.2	2	2	129	.16	.171	10	24	.49	66	.09	2	1.81	.02	.07	1	129
1050N 8175E	2	49	28	118	1.3	12	9	602	4.78	14	5	ND	2	33	.2	2	3	86	.26	.113	10	23	.67	90	.11	2	2.25	.03	.11	1	7
1050N 8200E	1	28	14	86	.3	7	6	375	4.05	7	5	ND	1	22	.2	2	2	83	.19	.052	11	19	.54	69	.10	2	1.63	.02	.06	1	21
1050N 8225E	1	53	28	134	.6	12	10	1121	4.15	11	5	ND	1	56	.9	2	2	76	.64	.080	12	21	.78	121	.13	2	1.25	.03	.09	1	13
1050N 8250E	1	14	9	57	.2	2	4	680	1.81	3	5	ND	1	21	.2	2	2	19	.38	.055	20	3	.16	88	.06	2	.48	.02	.12	1	1
1050N 8275E	2	17	21	57	.5	6	5	374	7.14	12	5	ND	2	16	.2	2	2	96	.07	.048	7	21	.35	63	.12	2	1.73	.01	.04	1	23
RE 1050N 8225E	1	48	26	132	.6	12	11	1104	4.19	11	5	ND	1	53	.3	2	2	76	.65	.077	11	22	.76	113	.13	2	1.18	.03	.08	1	3
1050N 8275E-A	1	37	27	101	.6	8	9	808	3.30	11	5	ND	1	22	.2	2	2	52	.14	.052	13	16	.50	111	.05	2	1.88	.02	.06	1	12
1050N 8300E	1	7	13	33	.2	2	2	208	3.33	4	5	ND	1	14	.2	2	2	82	.05	.018	9	13	.12	49	.10	2	1.32	.02	.05	1	1
1050N 8325E	1	16	21	69	1.3	8	7	648	7.81	13	5	ND	2	24	.2	2	2	130	.06	.088	8	24	.44	86	.18	2	2.75	.02	.06	1	5
1050N 8350E	2	20	15	60	1.2	7	5	336	4.29	6	5	ND	1	13	.2	2	2	78	.07	.071	11	27	.34	59	.11	2	3.24	.01	.05	1	5
1050N 8375E	3	23	33	59	.5	5	5	545	9.31	13	5	ND	2	13	.2	2	2	109	.04	.063	8	21	.27	64	.14	2	2.16	.01	.05	1	7
1050N 8400E	2	27	29	99	.8	11	8	509	5.96	14	5	ND	2	16	.2	3	2	77	.08	.064	8	24	.49	77	.11	2	3.85	.01	.06	1	11
1050N 8425E	2	26	33	70	1.0	6	5	336	5.78	13	5	ND	4	14	.2	2	2	68	.07	.050	9	25	.31	76	.09	2	5.03	.01	.05	1	20
1050N 8450E	2	31	19	115	.6	9	7	442	6.06	18	5	ND	1	20	.2	2	2	71	.12	.062	12	25	.60	77	.10	2	3.01	.01	.07	1	35
1050N 8475E	3	21	14	105	.3	15	10	876	5.79	12	5	ND	1	32	.2	2	2	71	.11	.041	8	27	.72	103	.08	2	2.36	.02	.07	1	5
1050N 8650E	3	28	17	68	1.0	10	5	272	6.72	10	5	ND	2	14	.2	2	2	92	.06	.067	8	22	.32	63	.12	2	3.26	.01	.05	1	5
1050N 8675E	1	34	15	73	.3	10	7	351	6.14	7	5	ND	4	17	.2	2	2	96	.14	.057	8	30	.58	68	.21	2	3.91	.01	.05	1	1
1050N 8700E	2	30	25	105	.8	12	7	458	4.62	19	5	ND	1	15	.2	2	2	68	.11	.058	12	24	.61	67	.07	2	2.59	.01	.04	1	67
1050N 8725E	2	20	37	155	1.1	7	5	456	1.88	5	5	ND	1	27	.2	2	2	40	.23	.074	16	18	.44	116	.03	2	2.35	.01	.06	1	5
1050N 8750E	3	22	41	200	1.1	12	7	421	3.12	19	5	ND	1	33	.2	2	2	51	.33	.082	14	24	.67	126	.03	2	2.30	.01	.08	1	8
1050N 8775E	2	23	31	141	.9	27	12	1246	3.99	18	5	ND	1	26	.2	2	2	65	.32	.057	13	43	.92	112	.06	2	1.90	.03	.11	1	6
STANDARD C/AU-S	19	63	38	132	7.6	68	33	1056	3.98	38	21	7	38	52	17.8	16	19	56	.47	.091	39	59	.88	176	.09	33	1.90	.06	.15	11	46

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	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	Au** ppb
1050N 8800E	1	31	13	70	.8	15	8	739	6.53	13	5	ND	1	27	.8	2	2	78	.12	.068	5	31	.46	91	.09	2	2.40	.01	.04	1	4
1050N 8825E	1	31	22	75	.7	9	8	825	7.66	14	5	ND	2	13	.4	3	2	90	.09	.065	5	23	.41	65	.10	2	2.26	.01	.03	1	4
1050N 8850E	1	26	16	81	.7	11	7	321	4.33	14	5	ND	2	19	.8	2	2	55	.09	.053	12	19	.43	72	.05	2	1.93	.01	.05	1	5
1050N 8875E	1	49	33	97	1.8	12	6	261	1.87	5	5	ND	1	26	.7	2	2	40	.17	.057	13	20	.57	88	.06	2	2.23	.02	.09	1	14
1050N 8900E	1	24	21	73	.6	8	5	364	3.70	16	5	ND	1	25	.4	2	2	52	.18	.042	13	16	.30	83	.05	2	1.78	.01	.04	1	3
91 PHS-D115	1	45	43	189	2.2	11	9	1113	3.61	11	5	ND	1	86	.5	2	2	56	.61	.078	14	16	.80	84	.12	2	2.43	.01	.07	1	28
91 PHS-D115 R	1	40	32	164	2.3	8	7	726	3.38	9	5	ND	1	78	.6	2	2	53	.51	.070	13	12	.71	72	.14	2	2.34	.01	.06	1	22
91 PHS-S122	5	32	38	232	1.3	6	6	1347	2.73	5	5	ND	1	29	1.5	2	2	40	.36	.044	24	9	.27	151	.04	2	.87	.01	.08	1	48
RE 1050N 8875E	1	48	30	97	2.0	11	6	275	1.75	5	5	ND	1	26	.4	2	2	39	.17	.055	13	18	.55	86	.06	2	2.12	.01	.07	1	11
91 PHS-D123	2	198	226	494	7.6	5	12	3152	2.80	19	5	ND	4	10	4.9	3	2	23	.10	.043	31	7	.37	209	.01	2	1.60	.01	.10	1	416
STANDARD C/AU-S	18	63	39	131	6.9	72	32	1041	3.96	41	23	6	41	52	18.7	15	20	57	.48	.090	39	56	.88	177	.09	34	1.90	.06	.15	13	47

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

Sample Name	Type	Au ppb	Au oz/st	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm
91 PHS -R 101	Rock	66	--	0.7	42	86	504	<5	<5	<3	2	<10	3	4.5	11	4	<5
91 PHS -R 103	Rock	12	--	9.5	6669	35	103	9	<5	<3	1	<10	2	1.1	5	6	<5
91 PHS -R 104	Rock	4014	0.114	>100.0	>20000	715	3451	289	<5	<3	23	<10	9	39.2	27	13	<5
91 PHS -R 106	Rock	1054	0.026	33.5	4937	123	896	9	<5	<3	6	<10	5	9.3	6	4	<5
91 PHS -R 108	Rock	960	0.028	>100.0	8391	90	879	67	7	<3	14	<10	5	10.2	4	7	<5
91 PHS -R 109	Rock	>10000	0.368	>100.0	736	883	2163	51	<5	<3	12	<10	11	23.1	69	15	<5
91 PHS -R 110	Rock	5374	0.150	90.2	219	684	2427	236	<5	<3	9	<10	10	26.0	64	12	<5
91 PHS -R 114	Rock	144	--	4.5	225	191	1249	6	5	<3	2	<10	6	10.4	18	13	<5
91 PHS -R 117	Rock	30	--	0.5	21	22	74	<5	<5	<3	1	<10	3	0.1	4	5	<5
91 PHS -R 119	Rock	12	--	0.4	67	15	134	<5	<5	<3	1	<10	<2	1.0	2	1	<5
91 PHS -R 120	Rock	30	--	0.5	36	74	245	<5	<5	<3	1	<10	<2	2.3	1	3	<5
91 PHS -R 121	Rock	1740	0.052	37.5	55	447	1273	11	6	<3	3	<10	21	13.0	18	7	<5
91 PHS -R 124	Rock	2926	0.079	37.0	183	6756	17170	25	<5	<3	43	<10	6	175.4	26	8	<5
91 PHS -R 125	Rock	346	--	10.0	135	103	386	16	5	<3	5	<10	5	3.3	7	6	<5
91 PHS -R 126	Rock	1506	0.040	50.9	2637	516	4799	66	<5	<3	10	<10	7	57.4	18	9	<5
91 PHS -R 128	Rock	10	--	3.5	591	665	123	6	<5	<3	9	<10	<2	1.4	4	8	<5
91 PHS -R 130	Rock	5040	0.142	68.1	28	149	1075	26	<5	<3	32	<10	12	10.6	57	23	<5
91 PHS -R 131	Rock	974	0.029	39.0	16770	153	1575	8	<5	<3	3	<10	4	16.6	19	11	<5
91 PHS -R 132	Rock	14	--	0.2	92	15	66	<5	<5	<3	1	<10	<2	0.2	6	3	<5
91 PHLC-R 133	Rock	10	--	<0.1	49	<2	18	<5	5	<3	3	<10	6	<0.1	15	9	<5
91 PHLC-R 135	Rock	8	--	<0.1	73	<2	63	14	5	<3	3	<10	5	0.1	12	25	<5
91 PHLC-R 136	Rock	8	--	<0.1	38	<2	32	10	6	<3	1	<10	6	0.4	10	23	<5
91 PHLC-R 137	Rock	10	--	<0.1	28	2	4	7	<5	<3	5	<10	4	0.5	4	6	<5
91 PHLC-R 138	Rock	4	--	<0.1	7	9	10	5	<5	<3	1	<10	<2	<0.1	1	1	<5
91 PHLC-R 139	Rock	10	--	0.4	83	2	3	20	11	<3	6	<10	8	0.5	9	8	<5
Minimum Detection		2	0.002	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	5
Maximum Detection		10000	1000.000	100.0	20000	20000	20000	10000	1000	10000	1000	1000	10000	10000.0	10000	10000	1000
Method		FA/AAS	FAGrav	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed ReC = ReCheck in progress ins = Insufficient Sample

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Report: 9100438 R   Homestake Mining (Canada) Ltd.   Project: 3180

Sample Name	Ba ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
91 PHS -R 101	51	55	10	1551	4	31	1	4	0.01	1.21	1.64	3.39	0.76	0.30	0.04	0.07
91 PHS -R 103	29	91	18	646	6	5	2	5	0.01	0.67	0.25	2.92	0.18	0.11	0.08	0.07
91 PHS -R 104	2	61	24	2238	<2	71	3	1	<0.01	0.37	3.42	>5.00	0.14	0.08	0.02	0.09
91 PHS -R 106	23	92	12	431	5	6	2	2	0.01	0.58	0.16	4.04	0.28	0.18	0.05	0.05
91 PHS -R 108	18	85	17	66	<2	11	1	1	<0.01	0.38	0.04	>5.00	0.06	0.22	0.02	0.04
91 PHS -R 109	8	68	57	3829	<2	57	3	3	0.02	1.00	2.68	>5.00	0.54	0.21	0.02	0.03
91 PHS -R 110	4	71	24	8685	<2	109	2	1	<0.01	0.82	3.70	>5.00	0.50	0.11	0.01	0.04
91 PHS -R 114	36	45	55	3046	4	66	2	6	0.03	2.26	2.98	>5.00	1.81	0.33	0.03	0.06
91 PHS -R 117	507	91	9	1098	8	146	1	1	<0.01	0.82	4.82	0.83	0.61	0.22	0.02	0.01
91 PHS -R 119	48	77	8	440	14	85	4	1	<0.01	0.60	1.39	1.01	0.20	0.23	0.05	0.04
91 PHS -R 120	130	119	2	591	15	17	2	1	<0.01	0.27	0.73	0.85	0.03	0.14	0.07	<0.01
91 PHS -R 121	<2	104	29	1651	2	45	3	2	0.03	0.61	2.15	>5.00	0.29	0.26	0.03	0.01
91 PHS -R 124	<2	147	6	1022	<2	27	2	<1	<0.01	0.28	1.44	>5.00	0.05	0.15	0.01	<0.01
91 PHS -R 125	67	88	69	897	9	10	3	6	0.01	1.27	0.17	4.26	0.81	0.19	0.05	0.03
91 PHS -R 126	10	65	35	4432	4	64	2	5	0.01	1.70	1.62	>5.00	0.99	0.26	0.03	0.08
91 PHS -R 128	14	89	36	655	8	4	1	6	0.01	0.92	0.07	2.75	0.64	0.07	0.09	0.06
91 PHS -R 130	6	71	33	730	<2	15	3	3	0.01	1.06	0.10	>5.00	0.67	0.23	0.03	0.05
91 PHS -R 131	<2	52	80	1821	3	12	2	10	0.01	1.54	0.48	>5.00	1.30	0.06	0.08	0.12
91 PHS -R 132	53	114	26	296	12	35	14	1	0.16	0.74	0.60	1.68	0.38	0.18	0.07	0.06
91 PHLC-R 133	39	45	26	158	<2	293	2	2	0.01	0.86	6.86	2.52	0.48	0.15	0.03	0.05
91 PHLC-R 135	49	33	140	266	6	92	1	5	0.11	3.08	0.11	>5.00	2.08	0.16	0.11	0.12
91 PHLC-R 136	61	60	121	85	6	66	1	5	0.05	1.52	0.06	>5.00	0.80	0.18	0.11	0.08
91 PHLC-R 137	24	42	26	13	3	47	1	1	<0.01	0.87	0.03	3.86	0.01	0.12	0.10	0.15
91 PHLC-R 138	4	52	13	12	<2	61	<1	<1	<0.01	0.71	0.02	0.19	<0.01	0.07	0.15	0.01
91 PHLC-R 139	233	244	12	25	<2	10	1	<1	<0.01	0.12	0.02	3.62	0.01	0.01	0.01	0.02
Minimum Detection	2	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Maximum Detection	10000	10000	10000	10000	10000	10000	10000	10000	1.00	5.00	10.00	5.00	10.00	10.00	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed   ReC = ReCheck in progress   ins = Insufficient Sample

iPL
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INTERNATIONAL PLASMA LABORATORY LTD.

Report: 9100361 R Homestake Mining (Canada) Ltd. Project: None Given Page 1 of 1 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	W ppm	Ba ppm
91PHS R 89	Rock	28	2.5	64	52	90	8	34	<3	4	<10	<2	1.3	1	3	<5	47
91PHS R 90	Rock	6	<0.1	16	2	33	5	5	<3	2	<10	<2	0.2	8	6	<5	27
91PHS R 91	Rock	10	0.3	332	<2	91	<5	11	<3	2	<10	<2	0.3	36	108	<5	4
91PHS R 92	Rock	3360	69.7	36	786	2927	328	<5	<3	11	<10	<2	28.9	37	15	<5	<2
91PHS R 93	Rock	6186	>100.0	18654	848	1459	65	<5	<3	7	<10	<2	14.2	39	22	<5	<2
91PHS R 94	Rock	12	6.5	3055	9	200	5	7	<3	3	<10	<2	0.7	8	7	<5	56
91PHS R 95	Rock	3014	73.8	795	2364	7103	170	<5	<3	27	<10	<2	79.9	44	10	<5	<2
91PHS R 96	Rock	1480	30.0	159	253	972	20	<5	<3	7	<10	<2	9.7	39	10	<5	12
91PHS R 98	Rock	2	0.2	12	14	47	<5	<5	<3	6	<10	<2	0.1	1	4	<5	41
91PHS R 99	Rock	168	1.6	342	51	17	9	5	<3	8	<10	<2	<0.1	1	4	<5	44
91PMB R 67	Rock	1746	>100.0	6287	1490	1113	>10000	>1000	<3	3	<10	180	38.0	23	29	11	<2
91PMB R 73	Rock	8	0.9	66	17	70	217	10	<3	2	<10	<2	0.4	10	7	<5	139

Report: 9100361 R Homestake Mining (Canada) Ltd. Project: None Given Page 1 of 1 Section 2 of 2

Sample Name	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
91PHS R 89	139	<2	290	14	6	2	1	<0.01	0.27	0.16	0.65	0.01	0.16	0.08	<0.01
91PHS R 90	53	59	281	10	42	3	2	0.13	0.45	0.87	3.42	0.17	0.04	0.10	0.18
91PHS R 91	238	76	618	<2	88	5	5	0.24	2.65	3.69	2.41	2.56	0.01	0.01	0.04
91PHS R 92	105	16	1016	<2	22	3	2	0.01	0.66	0.57	>5.00	0.21	0.29	0.02	0.03
91PHS R 93	89	26	2221	<2	56	3	2	<0.01	1.04	1.10	>5.00	0.68	0.17	0.01	0.05
91PHS R 94	99	50	1477	5	12	1	8	0.01	1.37	0.35	2.98	1.13	0.10	0.07	0.06
91PHS R 95	70	10	>10000	<2	126	2	<1	<0.01	0.35	5.13	>5.00	0.35	0.09	0.01	0.01
91PHS R 96	102	24	809	3	12	2	3	0.01	0.86	0.22	>5.00	0.50	0.22	0.06	0.05
91PHS R 98	116	2	286	11	2	4	1	<0.01	0.26	0.02	1.12	0.01	0.17	0.06	<0.01
91PHS R 99	128	12	206	9	2	2	1	<0.01	0.23	0.12	0.85	0.01	0.15	0.02	0.01
91PMB R 67	94	8	642	<2	16	3	<1	<0.01	0.04	0.29	>5.00	<0.01	0.04	0.01	0.01
91PMB R 73	40	48	717	4	44	7	2	0.10	1.35	0.71	2.83	1.05	0.31	0.04	0.17

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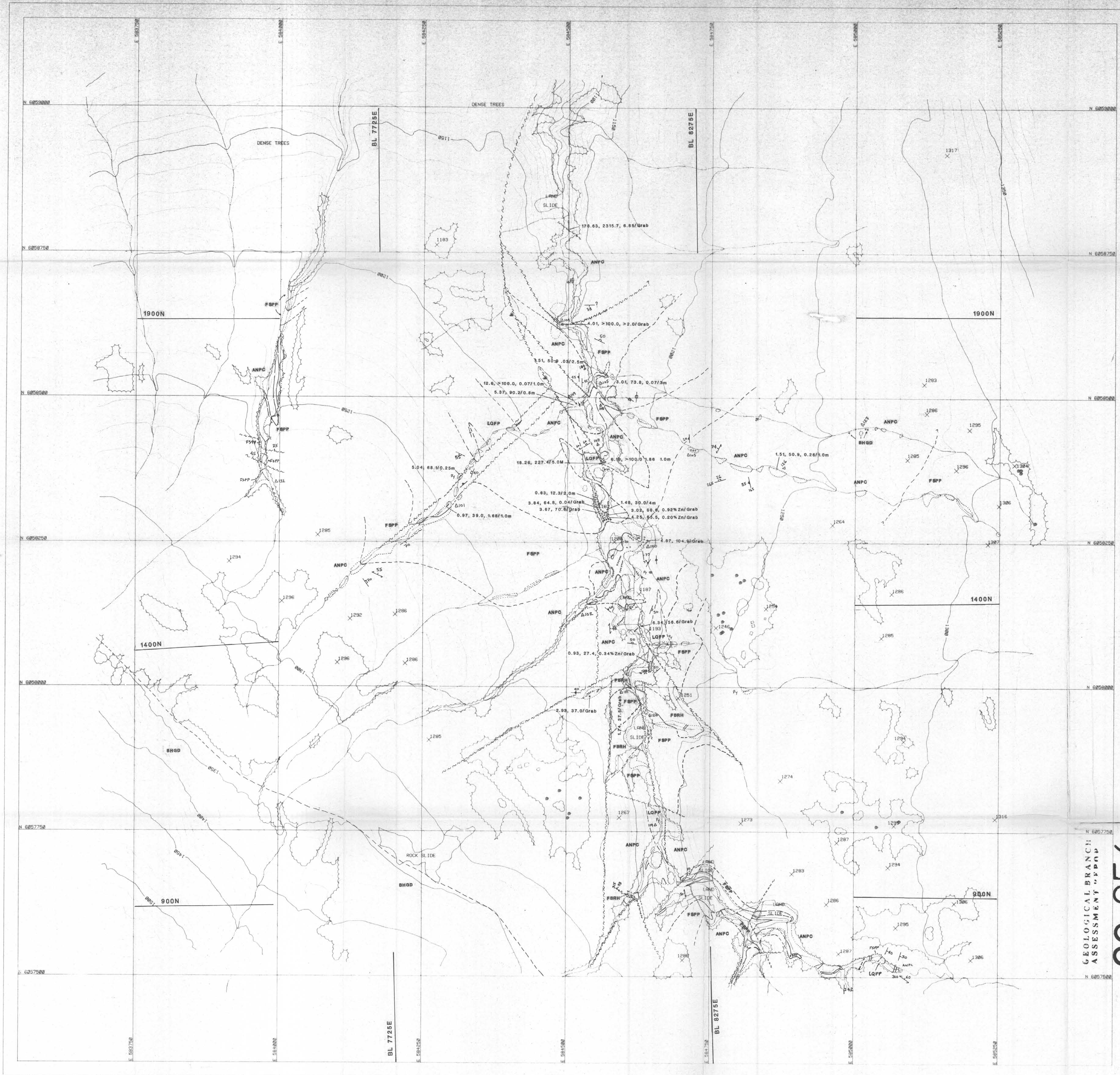


LEGEND

INTRUSIVE ROCKS

Tertiary and older

BHGD	Coast Plutonic Complex - fresh biotite-hornblende granodiorite. Medium grained and unfoliated.

Cretaceous or older

FSPP	Bulkley Intrusions (?) - Megacrystic feldspar porphyry quartz monzonite. 0.5 to 2.0cm orange to pink orthoclase phenocrysts occur within a light to dark grey, fine-grained matrix containing small phenocrysts of biotite, quartz and plagioclase.
LQFP	Post Lower Jurassic. Leucocratic, quartz-feldspar porphyry. Fine-grained with distinctive quartz eyes and virtual absence of mafic minerals in an aphanitic, light grey to creamy tan matrix.

STRATIFIED ROCKS

Lower Jurassic Hazelton Group

FBRH	Telkwa Formation - Howson Subaerial Facies. Dark to light grey flow banded rhyolite and rhyolite breccia.
ANPC	Telkwa Formation - Howson Subaerial Facies. Undifferentiated andesitic pyroclastic rocks with minor intercalated flows. Pyroclastic rocks include maroon, black and green lithic ash tuffs, crystal lithic tuffs, lapilli tuffs and breccia.

SYMBOLS

Area of outcrop

Geological contact; defined, inferred.

Fault; defined, assumed.

32 Bedding strike and dip.

26 Joints/fracture surface strike and dip.

84 Vein(s) strike and dip.

62 Shear fabric/foliation strike and dip.

Δ19 Geological station.

Py Disseminated pyrite.

3.67, 96.4, 0.45/2.0m

Au g/t, Ag g/t, Cu %, Sample type and width

0 50 100 150 200 250 metres

Scale = 1:2,500

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,056

HOMESTAKE CANADA LTD.

SNOW CREEK PROJECT

Geology and Rock Sampling Results

DRAWN	DATE	NTS	
PMH	Oct. 1991	93L/12E	Fig. 2.2

REVISED


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,056
2.3 + 21
Ag (ppm)
Au (ppb)
0
100
200 metres
PROPERTY BOUNDARY
HOMESTAKE CANADA LTD.
SNOW CREEK
Gold and Silver Value Map
Drawn By: jmh
Date: 01/1992
N.T.S.: 93L/12E
Map No: 3.1


GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,056
350 Zn (ppm)
276 Cu (ppm)
0 100 200 metres
GRID AREA
PROPERTY BOUNDARY
HOMESTAKE CANADA LTD.
SNOW CREEK
Copper and Zinc Value Map
Drawn By: jmh
Date: 01/1992
N.T.S.: 93L/12E
Map No: 3.2

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,056

HOMESTAKE CANADA LTD.

SNOW CREEK

Zinc Geochemistry
Copper Geochemistry
and IP Anomalies

Drawn By: ho	Date: 11/1991
N.T.S.: 93L/12E	Map No: 33

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,056

INSTRUMENT : IGS - 2 MAG

Profile Scale : 1cm = 200nt

Line Trace = 57000nt

SCALE 1:2500

0 50 100 150 200 meters

REVISIONS

By	Date	Approv.By

HOMESTAKE MINERALS LTD.
SNOW CREEK

TOTAL FIELD MAG
PROFILE MAP

To accompany a report by: PMH

Project No: 3180	Report No:
Mining Div:	N.T.S.: 93L/12E
Date 09/91	Map No: 4.1

QUEST CANADA EXPLORATION SERVICES INC.

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,056

INSTRUMENT : IGS - 2 MP3

Contour Interval : 100nt.

SCALE 1:2500

0 50 100 150 200 meters

HOMESTAKE MINERALS LTD.

SNOW CREEK

TOTAL FIELD MAG CONTOUR MAP

REVISIONS

By	Date	Approv.By

To accompany a report by : PMH

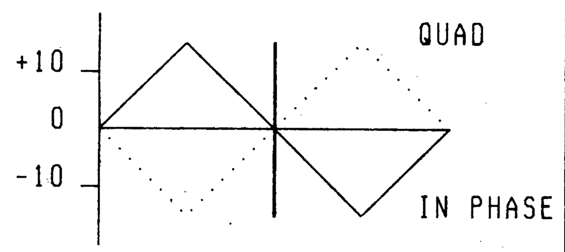
Project No: 3180	Report No:
Mining Div:	N.T.S.: 93L/12E
Date 09/91	Map No: 4.2

QUEST CANADA EXPLORATION SERVICES INC.

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,056

INSTRUMENT : IGS - 2 VLF3



SCALE 1:2500

0 50 100 150 200 meters

REVISIONS

By	Date	Approv.By

HOMESTAKE MINERALS LTD.

SNOW CREEK

VLF - EM

CUTLER (24.0kHz)

PROFILE MAP

To accompany a report by: PMH

Project No: 3180	Report No:
Mining Div:	N.T.S.: 93E/12E
Date 09/91	Map No: 4.3

QUEST CANADA EXPLORATION SERVICES INC.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,056

INSTRUMENT : IGS - 2 VLF3

Contour Interval : 5,10

SCALE 1:2500

0 50 100 150 200 meters

HOMESTAKE MINERALS LTD.

SNOW CREEK
VLF - EM
CUTLER (24.0kHz)
FILTERED CONTOUR MAP

REVISIONS

By	Date	Approv.By

To accompany a report by: PMH

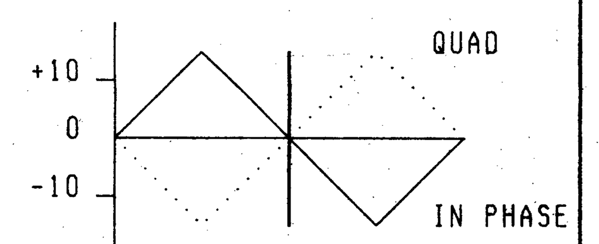
Project No: 3180	Report No:
Mining Div:	N.T.S.: 93L/12E
Date 09/91	Map No: 4.4

QUEST CANADA EXPLORATION SERVICES INC.

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,056

INSTRUMENT : IGS - 2 VLF3



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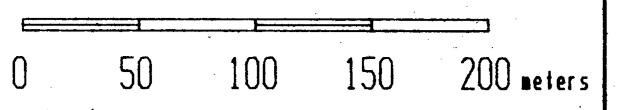

REVISIONS

By	Date	Approv.By

HOMESTAKE MINERALS LTD.

SNOW CREEK
VLF - EM
HAWAII (23.4kHz)
PROFILE MAP

To accompany a report by: PMH

Project No: 3180	Report No:
Mining Div:	N.T.S.: 93L/12E
Date 09/91	Map No: 4.5

QUEST CANADA EXPLORATION SERVICES INC.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,056

INSTRUMENT : IGS - 2 VLF3

Contour Interval : 5,10

SCALE 1:2500

0 50 100 150 200 meters

HOMESTAKE MINERALS LTD.

SNOW CREEK
VLF - EM
HAWAII (23.4kHz)
FILTERED CONTOUR MAP

REVISIONS

By	Date	Approv.By

To accompany a report by: PMH

Project No: 3180	Report No:
Mining Div:	N.T.S.:
Date 09/91	Map No: 4.6

QUEST CANADA EXPLORATION SERVICES INC.