GEOLOGICAL AND GEOCHEMICAL REPORT

on the

FLUME GROUP OF MINERAL CLAIMS

Flume 1-91 (YC07383 - YC07473)
Flume 92-153 (YC12438 – YC12499)
Flume 154-353 (YC17452-YC17651)

Dawson Mining Division
Yukon Territory

NTS 115N08, 09 & 115O05,12
63° 29' North Latitude
140° 03' West Longitude

Registered Owner
Phelps Dodge Corporation of Canada, Limited.
Work Performed between June 29, 2000 and August 7, 2000

by

Greg Kulla P.Geo.

094202

Phelps Dodge Corporation of Canada, Limited.
#1409 - 409 Granville Street
Vancouver, BC V6C 1T8

March 7, 2001

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DAWSON, Y.T.

☐ Reviewed by _____

☐ Date March 9/2001

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $ 95,200.00.

M.B.

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

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SUMMARY

The Flume property, situated 75 kilometres south of Dawson City, was staked by Phelps Dodge Corporation of Canada, Limited in 1998. During the summer of 1999, two soil grids were established and prospecting and mapping was initiated. Additional staking by PD in the fall of 1999 created a contiguous block of 353 claims covering some 7300 hectares. Work in 2000 comprised a new soil grid in the northern claim area and expansion of the central grid (totaling 36 line kilometres), 27 line kilometres of ridge and contour soil sampling and 300 metres of trenching and pitting. Concurrently 1:20,000 mapping and property prospecting was carried out.

Contour and grid soil sampling in the northern claim area limited the northern extents of the grid A gold-arsenic soil anomaly delineated in 1999. Grid soil sampling in the southern grid A area expanded the gold-arsenic anomaly 600 metres to the south. Contour sampling in the southeast claim limited the southern extents of the grid B gold-arsenic soil anomaly. Trenching on grid B exposed gold, arsenic, lead and zinc mineralization associated with skarn alteration. Analytical results from this area returned up to 3.5 gpt gold from a select grab of silicified intrusive and returned 1.2 gpt gold over six metres from chip samples of the skarn. Other trenches and pits on grid A and grid B exposed quartz-mica schist with minor quartz veins and local disseminated arsenopyrite and minor felsic intrusive. No obvious source for the gold in soils was identified in these exposures.

A new gold bearing silicified zone possibly some 1500 metres long was identified crossing the Ten Mile Creek drainage in a north south direction. Limited sampling exposed discontinuous pervasive and vein-like silicification of metasediments and felsic intrusive with disseminated arsenopyrite and containing up to 2.7 gpt gold.

Further trenching of the two soil grids and the new silicified zone is warranted. To aid in locating new trenches a ground magnetic and IP survey is recommended.

Suite 1409-409 Granville Street, Vancouver, BC, V6C 1T8
Telephone 604-669-2954 Fax 604-681-3920

INTRODUCTION

This report describes a geochemical sampling, geologic mapping and trenching program conducted on the Flume property, from June 25th, 2000 to August 10th, 2000. Phelps Dodge Corporation of Canada, Limited staked the Flume property in 1998 and conducted initial soil sampling, prospecting and mapping in 1999. Additional staking was completed in the fall of 1999. During the summer of 2000, a six-person crew completed approximately 27 kilometres of soil contours, 36 km soil lines, 300 metres of trenching and 20 pits. In addition, mapping of the property at 1:20,000 scale was completed.

LOCATION, ACCESS and PHYSIOGRAPHY

The Flume property is situated at the headwaters of Ten-Mile Creek, a tributary to Sixty-Mile River, 75 kilometres south of Dawson City (Figure 1). The claims lie within the Klondike Plateau, an area characterized by deep narrow valleys and smooth ridges with uniform elevations. Elevations range from 400 metres in valley floors to 1200 metres at ridge tops. Vegetation varies from mature forests of conifers and deciduous trees in the valleys to sub-alpine vegetation on ridge tops. Access to the property is via helicopter, fixed wing or barge from Dawson City. An airstrip is situated at the mouth of Ten-Mile Creek and a road in unknown condition terminates on the east side of the Yukon river some twelve kilometres northeast of the claims. A placer operation with assorted heavy equipment located on Ten Mile Creek above the junction with Sixty-Mile River was used as a base camp for the 2000 work program.

CLAIM INFORMATION

The Flume property consists of 353 contiguous quartz claims in the Dawson Mining District and is located on NTS maps 115N08, 09 and 115O05, 12. Pertinent claim data is tabulated below in Table I and the claims are shown in Figure 2. Expiry dates shown are contingent upon the work described herein being accepted for assessment.

Table I – Claim Information

Name	Record #	Expiry Date	FLUME 15	YC-7397	02/07/2007	FLUME 30	YC-7412	02/07/2006
FLUME 1	YC-7383	02/07/2006	FLUME 16	YC-7398	02/07/2007	FLUME 31	YC-7413	02/07/2006
FLUME 2	YC-7384	02/07/2006	FLUME 17	YC-7399	02/07/2007	FLUME 32	YC-7414	02/07/2006
FLUME 3	YC-7385	02/07/2006	FLUME 18	YC-7400	02/07/2007	FLUME 33	YC-7415	02/07/2006
FLUME 4	YC-7386	02/07/2006	FLUME 19	YC-7401	02/07/2007	FLUME 34	YC-7416	02/07/2007
FLUME 5	YC-7387	02/07/2006	FLUME 20	YC-7402	02/07/2007	FLUME 35	YC-7417	02/07/2007
FLUME 6	YC-7388	02/07/2006	FLUME 21	YC-7403	02/07/2007	FLUME 36	YC-7418	02/07/2006
FLUME 7	YC-7389	02/07/2006	FLUME 22	YC-7404	02/07/2007	FLUME 37	YC-7419	02/07/2006
FLUME 8	YC-7390	02/07/2006	FLUME 23	YC-7405	02/07/2006	FLUME 38	YC-7420	02/07/2006
FLUME 9	YC-7391	02/07/2006	FLUME 24	YC-7406	02/07/2006	FLUME 39	YC-7421	02/07/2006
FLUME 10	YC-7392	02/07/2006	FLUME 25	YC-7407	02/07/2006	FLUME 40	YC-7422	02/07/2006
FLUME 11	YC-7393	02/07/2006	FLUME 26	YC-7408	02/07/2006	FLUME 41	YC-7423	02/07/2006
FLUME 12	YC-7394	02/07/2006	FLUME 27	YC-7409	02/07/2006	FLUME 42	YC-7424	02/07/2006
FLUME 13	YC-7395	02/07/2006	FLUME 28	YC-7410	02/07/2007	FLUME 43	YC-7425	02/07/2006
FLUME 14	YC-7396	02/07/2006	FLUME 29	YC-7411	02/07/2006	FLUME 44	YC-7426	02/07/2006

FLUME 45	YC-7427	02/07/2006	FLUME 99	YC-12445	11/09/2006	FLUME 153	YC-12499	11/09/2006
FLUME 46	YC-7428	02/07/2006	FLUME 100	YC-12446	11/09/2006	FLUME 154	YC17452	13/09/2003
FLUME 47	YC-7429	02/07/2006	FLUME 101	YC-12447	11/09/2006	FLUME 155	YC17453	13/09/2003
FLUME 48	YC-7430	02/07/2006	FLUME 102	YC-12448	11/09/2006	FLUME 156	YC17454	13/09/2003
FLUME 49	YC-7431	02/07/2006	FLUME 103	YC-12449	11/09/2006	FLUME 157	YC17455	13/09/2003
FLUME 50	YC-7432	02/07/2006	FLUME 104	YC-12450	11/09/2006	FLUME 158	YC17456	13/09/2003
FLUME 51	YC-7433	02/07/2006	FLUME 105	YC-12451	11/09/2006	FLUME 159	YC17457	13/09/2003
FLUME 52	YC-7434	02/07/2006	FLUME 106	YC-12452	11/09/2006	FLUME 160	YC17458	13/09/2003
FLUME 53	YC-7435	02/07/2006	FLUME 107	YC-12453	11/09/2006	FLUME 161	YC17459	13/09/2003
FLUME 54	YC-7436	02/07/2006	FLUME 108	YC-12454	11/09/2006	FLUME 162	YC17460	13/09/2003
FLUME 55	YC-7437	02/07/2006	FLUME 109	YC-12455	11/09/2006	FLUME 163	YC17461	13/09/2003
FLUME 56	YC-7438	02/07/2007	FLUME 110	YC-12456	11/09/2006	FLUME 164	YC17462	13/09/2003
FLUME 57	YC-7439	02/07/2006	FLUME 111	YC-12457	11/09/2006	FLUME 165	YC17463	13/09/2003
FLUME 58	YC-7440	02/07/2007	FLUME 112	YC-12458	11/09/2006	FLUME 166	YC17464	13/09/2003
FLUME 59	YC-7441	02/07/2006	FLUME 113	YC-12459	11/09/2006	FLUME 167	YC17465	13/09/2003
FLUME 60	YC-7442	02/07/2006	FLUME 114	YC-12460	11/09/2006	FLUME 168	YC17466	13/09/2003
FLUME 61	YC-7443	02/07/2006	FLUME 115	YC-12461	11/09/2006	FLUME 169	YC17467	13/09/2003
FLUME 62	YC-7444	02/07/2006	FLUME 116	YC-12462	11/09/2006	FLUME 170	YC17468	13/09/2003
FLUME 63	YC-7445	02/07/2006	FLUME 117	YC-12463	11/09/2006	FLUME 171	YC17469	13/09/2003
FLUME 64	YC-7446	02/07/2006	FLUME 118	YC-12464	11/09/2006	FLUME 172	YC17470	13/09/2003
FLUME 65	YC-7447	02/07/2006	FLUME 119	YC-12465	11/09/2006	FLUME 173	YC17471	13/09/2003
FLUME 66	YC-7448	02/07/2006	FLUME 120	YC-12466	11/09/2006	FLUME 174	YC17472	13/09/2003
FLUME 67	YC-7449	02/07/2006	FLUME 121	YC-12467	11/09/2006	FLUME 175	YC17473	13/09/2003
FLUME 68	YC-7450	02/07/2006	FLUME 122	YC-12468	11/09/2006	FLUME 176	YC17474	13/09/2003
FLUME 69	YC-7451	02/07/2006	FLUME 123	YC-12469	11/09/2006	FLUME 177	YC17475	13/09/2003
FLUME 70	YC-7452	02/07/2006	FLUME 124	YC-12470	11/09/2006	FLUME 178	YC17476	13/09/2003
FLUME 71	YC-7453	02/07/2006	FLUME 125	YC-12471	11/09/2006	FLUME 179	YC17477	13/09/2003
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FLUME 73	YC-7455	02/07/2006	FLUME 127	YC-12473	11/09/2006	FLUME 181	YC17479	13/09/2003
FLUME 74	YC-7456	02/07/2006	FLUME 128	YC-12474	11/09/2006	FLUME 182	YC17480	13/09/2003
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FLUME 345	YC17643	13/09/2002
FLUME 346	YC17644	13/09/2002
FLUME 347	YC17645	13/09/2002
FLUME 348	YC17646	13/09/2002
FLUME 349	YC17647	13/09/2002
FLUME 350	YC17648	13/09/2002
FLUME 351	YC17649	13/09/2002
FLUME 352	YC17650	13/09/2003
FLUME 353	YC17651	13/09/2003

HISTORY

Historic placer mining is common throughout the region and recent placer mining is visible in Ten-Mile Creek. No recorded bedrock exploration work is known in the claim area and local Minfile occurrences refer to placer mining or previously staked claims with no additional information. Phelps Dodge Corporation of Canada, Limited staked 153 claims in 1998 to cover the headwaters of Ten-Mile Creek and Sestak Creek and completed limited geochemical sampling and prospecting. In 1999 Phelps Dodge established two soil grids on the property and initiated a mapping and prospecting program. In the fall of 1999 Phelps Dodge staked an additional 200 units creating a contiguous block of 353 claims covering some 7300 hectares.

REGIONAL GEOLOGY

Tempelman-Kluit (1974) mapped and described the regional geology in a reconnaissance GSC mapping project. Debicki (1984), Wheeler *et al.* (1991) and Mortensen (1996) have since added to and compiled the regional geology of the area. The area surrounding the claims is underlain by four main ages of rocks: (1) Proterozoic to Lower Paleozoic, Nisling Terrane or Nasina Assemblage of the Yukon-Tanana Terrane, a metamorphosed sedimentary continental margin sequence, (2) Devonian to Mississippian Pelly Gneiss Suite consisting of granitic to mafic orthogneiss, (3) Jurassic to Cretaceous unfoliated quartz monzonite and granodiorite plugs, and (4) Cretaceous Carmacks Group bi-modal volcanic rocks. Contact relationships between these rocks are either unknown or inferred due to the lack of outcrop throughout the region.

PROPERTY GEOLOGY

Property geology, shown in Figure 3, is interpreted from limited exposures in creeks and ridge tops and from surface float and consists of a polydeformed sequence of greenschist to amphibolite facies metasedimentary and intrusive rocks comprised of biotite garnet ± muscovite schist, muscovite ± biotite psammitic schist, quartzite, biotite schist and graphitic schist. Various calcareous sequences are also present consisting of massive coarse-grained marble horizons and well laminated calc-silicate strata. Structurally interleaved with the metasedimentary rocks is a suite of deformed and metamorphosed Middle Paleozoic intrusions consisting of meta-diorite, melanocratic quartz augen gneiss, leucocratic feldspar augen gneiss and granitic pegmatite. This deformed and metamorphosed plutono-sedimentary sequence is intruded by fine to medium grained equigranular granite sills, dikes, plugs and plutons. Finally, the entire succession, including the aforementioned granite is intruded by steeply dipping N-S striking diabase and feldspar phyric, quartz eye trachyte dikes.

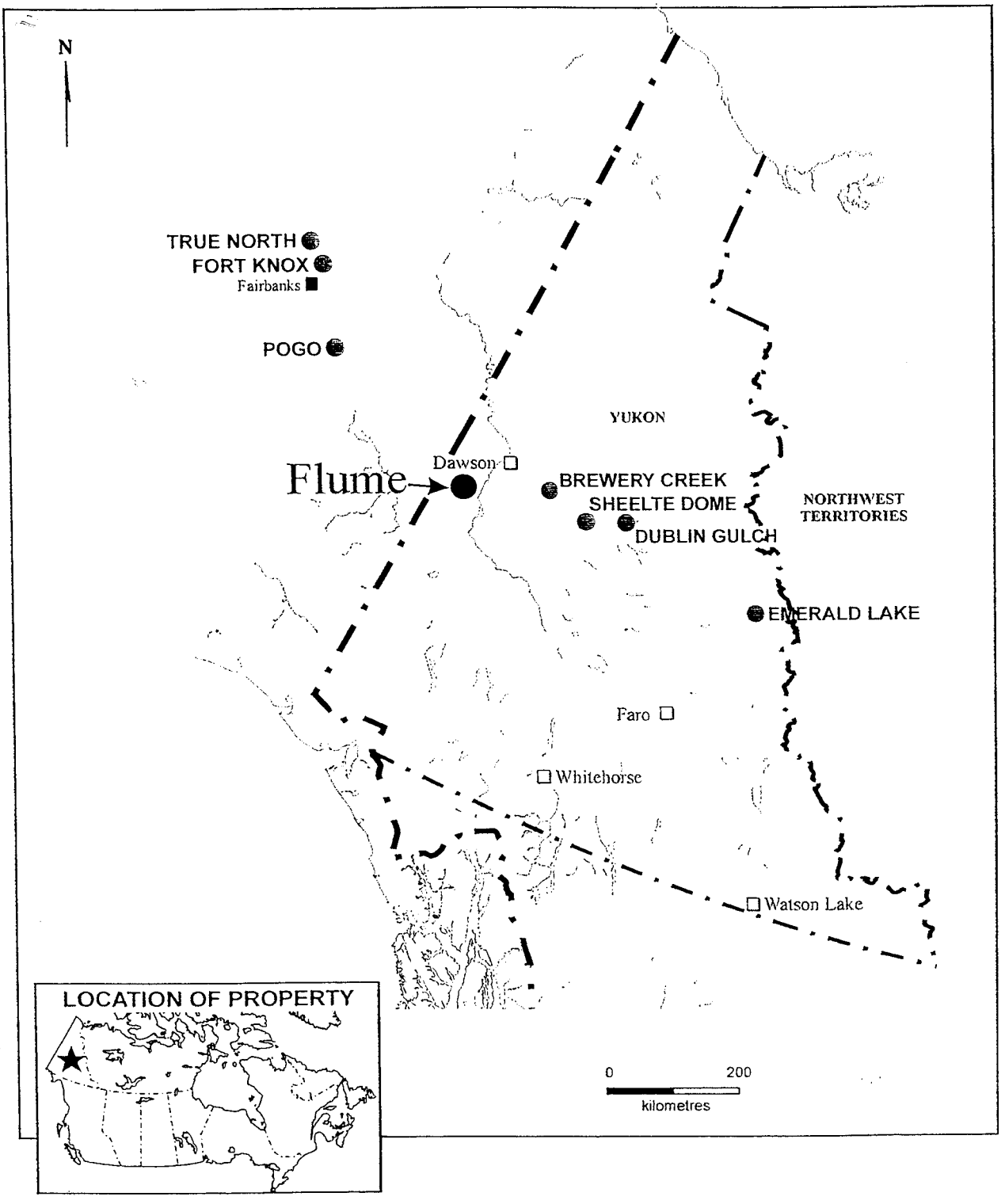


Figure 1: Flume Property Location Map

2000 WORK PROGRAM

A geochemical, prospecting, mapping and trenching program was completed between June 29, 2000 and August 7, 2000. Work was staged from a placer camp on Ten Mile Creek three kilometres above the junction with Sixty Mile River. Access to the work area was on foot or on 4-wheelers using existing roads and trails. The camp was supported by helicopter and fixed wing from Dawson. A six-person crew collected 717 soil samples from some 63 line kilometres completing ten soil traverses, established a new soil grid (grid C) in the northern claim area and expanding the central grid (grid A). Samples were collected from the B-horizon where possible generally at 100 metre intervals. 257 rock samples were collected from 28 pits and from 8 trenches totalling 300 metres. Trenching and pitting was accomplished using a contract backhoe barged down the Yukon River from Dawson to a landing at Sixty Mile and walked in to the work area. Rock samples from pits and trenches were either individual grabs or chips over 1 to 3 meter intervals. In addition186 rock samples, 15 silt samples and 9 soil samples were collected during property-wide prospecting and mapping. In conjunction with soil sampling and trenching the property was mapped at a 1:20,000 scale. All samples were tagged with a unique number and shipped to Acme Analytical Labs in Vancouver where the samples were analyzed for 35 elements by ICP-MS methods. Summary field notes and select geochemical results for rocks, soils and silts are given in Appendix I and complete analytical results are given in Appendix II. Grid work soil sample locations are shown in Figure 4, soil traverse sample locations are shown in Figure 5 and the rock sample locations are shown in Figures 6. Trench locations are shown in Figure 7.

RESULTS

Soil Sampling

Soil sampling on grid C totalled some 36-line kilometres and was designed to expand on a weak coincident gold and arsenic anomaly identified late in 1999. Results were disappointing with the highest gold value at 11 ppb and the highest arsenic at 304 ppm.

Grid A was expanded 1200 metres to the south and from 100 to 1100 metres to the east to evaluate untested ground between the grid A and the grid B gold-arsenic anomalies outlined by previous work. Analytical work on the soils returned gold up to 414 ppb and arsenic up to 956 ppm. Grid work did not completely test the region between grid A and grid B but was successful in expanding the grid A gold-arsenic anomaly 600 to 800 metres to the south and identifying a number of one or two station gold and/or arsenic anomalies on the eastern claim boundary.

Ten soil traverses totalling 27 kilometres were completed along contours, along ridge tops and along claim lines in the north, west and southeast claim area. Sampling in the northern region tested for extensions of the grid A anomaly while sampling in the southeast was a first pass test of ground acquired through staking in 1999. Results from the southeast area indicate a possible extension of the grid B anomaly on the western flank of Sestak Creek and a single sample end-of-line anomaly on the eastern flank of Sestak Creek. Gold values here range up to 242 ppb and arsenic values range up to 487 ppm. Apart from these two anomalies the remaining samples in both the southeast and in the west and north returned low values for both gold and arsenic. Soil traverse gold and arsenic results are shown in Figure 5. Gold and arsenic results for grid work are shown on Figures 8 and 9 respectively.

Trenching and Pitting

Three hand pits (PP1-PP3), eleven backhoe pits (P1-P11) and eight trenches (TR1-TR8) were excavated within the grid B soil anomaly and six backhoe pits (P12-P17) were excavated at the western limits of the grid A anomaly. Gold and arsenic results for the trenching and pitting are shown in Figures 10, 11 and 12.

Soil and rock samples from profile pits PP1 to PP3 were collected within ten metres of each other to evaluate anomalous soil sample 75916, collected in 1999 at L 93+00N at station 106+00E and containing 1317 ppb gold and 2370 ppm arsenic. Soil samples were collected from surface to 1 metre depth in each pit and returned gold values from 26 ppb to 1264 ppb. Soil sample 75816, collected at the top of PP1 returned 1264 ppb gold, 2219 ppm arsenic and 1249 ppm lead. Grab samples of float from within the pits returned low gold values. No obvious source for the anomalous gold in soil was identified and hand pitting was abandoned in favor of excavator trenching.

The first trench, TR1, centred on L108+00N at 98+00E on grid B tested a coincident gold and arsenic in soil anomaly. The trench is some 45 metres long with two spurs and was chip samples on 2-metre intervals over 42 metres in a north-south direction. Sample 76543, a two-meter chip, returned the highest gold value at 506 ppb with 95 ppm arsenic. Sample 76540, a two-meter chip, returned the highest arsenic value at 548 ppm. Both samples were adjacent to or within a weakly sericitic altered mafic porphyry. A number of minor low angle faults were traceable over 1 to 1.5 meters within the trench wall at these sample intervals.

TR2 was centred on contour soil sample 507471, 220m south west of TR1, and tested another coincident gold-arsenic in soil anomaly. The trench is 38 metres in an east-west direction and was chip sampled on two-metre intervals. Analytical results were generally low with sample 76839 returning the highest gold at 54 ppb and sample 76846 returning the highest arsenic at 721 ppm. The trench exposed muscovite-quartz schist over the entire length.

TR3 was centred on L98+00N at station 104+00E on grid B some 1500 metres southeast of TR2 and tested for the source of a float sample collected in 1999 that returned 986 ppb gold. The trench was excavated in a northeast direction and was chip sampled on two-metre intervals over 60 metres. Sample 76793, a bedrock grab of limonitic quartz contained 493 ppb gold and 989 ppm arsenic. Sample 76864, a two-metre chip of quartz schist cut by a low angle limonitic fault returned 498 ppb gold and 1495 ppm arsenic. The trench exposed biotite quartz schist and quartz schist over the entire length with local 10 to 50 cm wide quartz veins and one two meter wide pervasive silicified zone that returned low gold and arsenic values. Numerous low angle limonitic faults were visible in the trench walls. Samples of the fault material also returned low gold and arsenic values. A near-vertical discontinuous very fine calcite/ankerite stock work was evident throughout most of the trench.

TR4 was excavated to cross L93+00N at station 106+00E on grid B and was to test for a bedrock source for anomalous soil sample 75916 that was collected in 1999 and returned 1317 ppb gold and 2370 ppm arsenic. The trench was chip sampled over 51 metres on three-meter intervals and returned low gold and arsenic values. Sample 76797 a select grab of quartz material from a sericitic gouge zone and sample 76799, a select grab of a thin limonitic quartz vein , returned 1437 ppb gold with 893 arsenic and 1541 gold with 3377 ppm arsenic respectively. The trench exposed mostly quartz mica schist and 3 to 5 meters of a minor sericitic, quartz-tourmaline dyke some 15 centimetres thick.

TR5 was excavated at L98+00N at station 102+00E on grid B to test for a bedrock source of sphalerite and galena-bearing boulders located and sampled in 1999. The trench exposed massive white to green skarn, 3 or 4 poorly defined silicified felsic intrusive dykes 10cm to 1 metre in width and quartz mica schist and was sampled on two and three metre intervals over 41 metres. Two consecutive chip samples across skarn and dyke returned 1,199 ppb gold with 261 ppm arsenic over 6 metres. Individual results for these two samples are listed in Table II. Three grab samples from the trench returned gold greater than 900 ppb including 77057, a sample of silicified granite which returned 3,555 ppb gold, 13,187 ppm arsenic, 41,540 ppb silver, 21,961 ppm zinc and 24,195 ppm lead.

Table II – Rock Sample Results

Sample	Interval	Pb ppm	Zn ppm	Ag ppb	As ppm	Au ppb
77308	24-27	7239	8191	17835	203	1266
77309	27-30	7336	11796	21783	320	1132

TR6 was located some 200 metres east of trench 5 near L98+00N at station 104+00E and exposed quartz muscovite schist and was sampled on three metre intervals over 39 metres. Chip samples returned up to 229 ppm gold and 1560 ppm arsenic, while three select grab samples of limonitic vuggy quartz returned up to 1955 ppb gold with 1839 ppm arsenic.

TR7 was excavated at L108+00E at station 95+00E on grid B and tested a coincident gold-arsenic soil anomaly. Trenching encountered permafrost, which resulted in poor exposure of bedrock. Even so, float within the trench and the limited bedrock exposure was sampled on three metre intervals over 39 metres. Trenching exposed some 25 metres of hard, grey and white mottled marble separated from some 10 metres of quartz mica schist by 1 to 2 metres of very friable quartzite, possibly a fault zone. Analytical results were low, ranging up to 13 ppb gold and 179 ppm arsenic.

TR8, located 80 metres east of trench 7 encountered permafrost, limiting trenching to three small exposures of bedrock or float. Three grabs of marble from these pits returned very low gold and arsenic numbers.

Pits P4 to P11 were located at approximately 40-metre intervals sub-parallel to L106+00N between stations 95+00E and 97+00E on grid B and tested a weak gold-arsenic in soil anomaly. The pits exposed quartz-muscovite and quartz-biotite schist with local small quartz veins. Analytical results from 31 select grab and chip samples were low with gold ranging up to 111 ppb and arsenic up to 2369 ppm.

Pits P12 to P17 were excavated on 25 metre intervals between L96+00N at 84+00E and Line 94+00N at 83+00E on grid A. Work here exposed variably silicified and faulted quartz-muscovite schist and felsic intrusive. Analytical results from 17 samples collected in these 6 pits returned gold values ranging up to 172 ppb gold and 150 ppm arsenic.

Hand pitting along a road cut in a gully near L104+00N at 117+00E on grid A exposed a zone of silicification, probably of felsic intrusive and metasediments. The exposure is quite broken and silicification is fine grained and pervasive but discontinuous. Analytical results from some 20 select grab and chip samples collected in this area ranged from 2 ppb to 2750 ppb gold and from 7 ppm to 9031 ppm arsenic. The highest gold grade was returned from a grey, sericitic, bleached grab with an unidentifiable protolith. Prospecting over 1500 meters directly south of this zone identified similar silicified zones. Limited sampling in these areas failed to identify any samples highly anomalous with gold or arsenic.

Approximately 160 additional select float and bedrock samples were collected during property-wide prospecting. Most returned gold values less than 100 ppb. Arsenopyrite rich bedrock sample 76661, collected in a creek exposure near L112+00N at 92+00E on grid B returned 848 ppb gold and 40,178 ppm arsenic. Bedrock grab sample 76634, an arsenopyrite bearing limonitic quartz vein in Ten Mile creek near L94+00N at station 111+00E on grid A returned 167 ppb gold with 46,051 ppm arsenic. Sample 76643, an arsenopyrite bearing quartz vein float collected 1000 meters east and some 300 metres above sample 76634 returned 235 ppb gold and 44,378 ppm arsenic.

Silt sampling within and around the property did not identify any highly anomalous drainages. Laboratory analysis returned gold values ranging from detection limit to 8 ppb and arsenic ranging from 3 to 129 ppm. Gold and arsenic values for float and bedrock samples is shown in Figure 6.

CONCLUSIONS AND RECOMMENDATIONS

Contour and grid soil sampling on grid C has limited the northern extents of the grid A soil anomaly. However soil sampling south of the grid A successfully extended the anomaly some 600 metres and it remains open to the south. In addition a number of single-station gold and or arsenic in soil anomalies were identified along the eastern property boundary adjacent to Teck's Ten claims.

Results from trench TR5 on grid B were encouraging, returning gold grades as high as 3.5 gpt associated with skarn-like alteration. Permafrost limited bedrock exposure in trenches TR7 and TR8 and further work in these trenches may have exposed mineralisation similar to that in TR5. The remaining trenches and pits tested the central portions of the grid B soil anomaly and only the extreme western portion of the grid A anomaly. Trenching on both grids exposed predominantly quartz-mica schists with quartz veins and local zones of disseminated arsenopyrite and minor felsic intrusive. Analytical work on samples collected from these excavations did not identify an obvious source for the gold in soils.

Hand pitting and prospecting along and above Ten Mile Creek on the eastern margin of the Grid A soil anomaly identified a 1500 metre long zone of discontinuous but pervasive silicification with one grab sample returning 2.7 gpt gold.

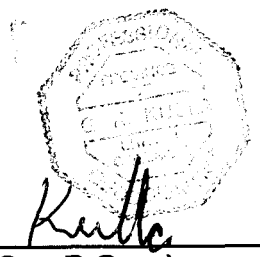
Continued trenching is warranted within the grid B and grid A soil anomalies as is additional prospecting within the newly discovered silicified zone crossing Ten Mile Creek. Completing local IP and magnetic surveys within select areas may focus prospecting and trenching.

DISBURSEMENTS

Expenditures for the 2000 Flume work program totaled at least $142,532 (Tabulated below) of which $94,900 was applied to assessment:

Laboratory			
444 rocks @ $19.00 per sample		$8,436	
741 soils @ $16.07 per sample		$11,908	
			$20,344
Helicopter			
45.9hr @ $850/hr			$39,015
Transportation			
Two trucks totaling 65 days @ $75 per day			$4,875
Communications			$2,256
Contract Backhoe			
Mob-Demob		$7,662	
60 hours @$130/hr		$7,800	
8 days @ $335/day		$2,680	
			$18,142
Labour			
Greg Kulla – project geologist	30 days @ $350/day	$10,500	
Mark O'Dea – geologist	30 days @ $350/day	$10,500	
Larry Poznikoff – geologist	35 days @ $300/day	$10,500	
Ted Archibald – prospector	35 days @ $240/day	$8,400	
Louise Levesque – cook	30 days @ $200/day	$6,000	
			$45,900
Accommodation and Board			
160 person days @ $75/day			$12,000
Total			**$142,532**

Prepared by:



Greg Kulla (BSc., P.Geo.)
March 7, 2001

Suite 1409-409 Granville Street, Vancouver, BC, V6C 1T8
Telephone 604-669-2954 Fax 604-681-3920

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1991: Terrane map of the Canadian Cordillera; Geological Survey of Canada, Map 1713, scale 1:2,000,000.

CERTIFICATE

I, Greg Kulla certify to the following:

1. I am a geologist employed by Phelps Dodge Corporation of Canada Limited, 1409-409 Granville Street, Vancouver, BC.

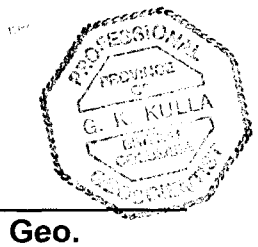
2. I am a Professional Geoscientist registered with the Association of Professional Engineers and Geoscientists of British Columbia.

3. My academic qualifications are:

   B.Sc. Geology, University of British Columbia

4. I have been engaged in geological work since graduation in 1988.

5. I supervised the work program completed on the Flume Property and am the author of this report.



Greg K. Kulla, B.Sc., P. Geo.
Vancouver, B.C.
March 7, 2001

APPENDIX I

Field Notes and Selected Geochemical Results For Samples

Phelps Dodge Corporation of Canada, Limited
Flume Property Select Field Notes and Geochemical Results

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
	76728	MOSS	22/07/2000	0	0	554450	7038075	NO SILT IN CREEK, NE OF FLUME 214 POST # 1	17.2	66.1	90	22.4	15
	76679	SILT	27/07/2000	0	0	541418	7042593	MIXED METAMORPHIC ROCKS, NO GRANITE	11.4	126.9	74	16.6	4
	76680	SILT	27/07/2000	0	0	542007	7042868	GOOD FINE SILT	15.5	102.7	83	19.8	1
	76682	SILT	27/07/2000	0	0	542373	7042923	MUSCOVITE QUARTZITE O/C IN CREEK	13.3	73	57	16.9	5
	76726	SILT	22/07/2000	0	0	553275	7037150	MICACEOUS, FINE SILT	11.4	58.7	103	17.6	2
	64649	SILT	19/07/2000	0	0	542755	7043175	30m DOWNSTREAM FROM 64648	11.9	76.9	76	20	3
	64643	SILT	14/07/2000	0	0	547213	7044158	160m 135 DEG AZ FROM POST NO. 1, FLUME 355	12.6	83.9	79	25.5	13
	64618	SILT	09/07/2000	0	0	548269	7044502	VALENTINE CREEK ABOVE JUNCTION WITH CREEK ON RIGHT	9.8	71.6	76	12.9	7
	64619	SILT	09/07/2000	0	0	548267	7044456	SIDE CREEK ON RIGHT SIDE OF VALENTINE CREEK	16.6	84.4	66	26.2	5
	73198	SILT	09/08/1999	0	0	549420	7033300	700 M FROM MAIN CONFLUENCE OF SESTAK	5.4	69.3	55	6.7	4
	75631	SILT	06/08/1999	0	0	549645	7033780	SILT SAMPLE FROM ABOVE JUNCTION ON S SIDE SESTAK C	5.9	73.2	74	8	3
	73425	SILT	17/09/1998	0	0	547621	7036620	FIRST SILT SOUTH FLUME	15.6	66.3	147	15.6	53
	73426	SILT	17/09/1998	0	0	548471	7036720	SECOND SILT 500M DOWN STREAM	8.1	62.8	120	21.3	148
	73427	SILT	17/09/1998	0	0	548871	7036720	TRIB FROM SOUTH	9.9	72.1	87	42	2
	73428	SILT	17/09/1998	0	0	549121	7036845	THIRD SILT MAIN	28.4	101.3	155	275.7	22
	73429	SILT	17/09/1998	0	0	549221	7036695	TRIB FROM SOUTH	24.5	102.8	176	158.8	24
	73430	SILT	17/09/1998	0	0	549871	7036920	MAIN CREEK 200M ABOVE TRIB FROM NORTH	30.9	122.9	115	98.8	5
	73431	SILT	17/09/1998	0	0	550321	7036820	MAIN CREEK	31.5	113.1	124	89.1	6
	73078	SILT	18/08/1998	7038450	546300	546171	7038620	350-400M NORTH OF LAST SAMPLE	7.2	57.5	176	3.1	1
	73079	SILT	18/08/1998	7038700	546275	546146	7038870	100M PAST SMALL SIDE GULLEY-W BANK	8.2	90.5	121	5.4	1
	73080	SILT	18/08/1998	7038950	546300	546171	7039120	JUST PAST SECOND GULLEY ON WEST BANK	6.7	62.2	96	3.3	2
	73081	SILT	18/08/1998	7039350	546350	546221	7039520	DIVIDING RIDGE BETWEEEN FORKS	8.7	109	0	3.7	7
	73082	SILT	18/08/1998	7039550	546500	546371	7039720	400M BEFORE CONFLUENCE	7.3	76.5	70	3.3	2
	73083	SILT	18/08/1998	7039800	546900	546771	7039970	@ JUNCTION OF UPPER TWO CREEKS	8	70.6	0	6.1	1
	73084	SILT	18/08/1998	7041450	547900	547771	7041620	@ JUNCTION WEST OF 1:50000 MAP SHEET	22.8	98.5	95	146	5
	73085	SILT	18/08/1998	7041450	548005	547876	7041620	JCT WITH MAIN CREEK-3RD MAIN FORK E	67.7	118.1	152	217.4	15
	507626	SILT	18/08/1998	7037300	547203	547074	7037470		12.4	93.7	71	5.4	1
	507627	SILT	18/08/1998	7037543	547375	547246	7037713	QUARTZ CHIPS	13.6	114.7	47	74.2	54
	507628	SILT	18/08/1998	7037715	547450	547321	7037885	QUARTZ & CARBONATE CHIPS	28.1	173	151	268.8	7
	507629	SILT	18/08/1998	7037850	547550	547421	7038020	RIGHT SIDE CREEK	45.2	103	168	74	8
	507630	SILT	18/08/1998	7038160	547400	547271	7038330		39.6	115.3	154	206.5	7
	507631	SILT	18/08/1998	7038500	547600	547471	7038670	SIDE CREEK ON RIGHT	52.6	95.8	220	80	4
	507632	SILT	18/08/1998	7039105	547325	547196	7039275		36	102.8	155	255.6	24
	507633	SILT	18/08/1998	7039400	547400	547271	7039570	40M UP SIDE CREEK ON RIGHT	37	72.5	54	54.1	11
	507634	SILT	18/08/1998	7039600	547170	547041	7039770	MAIN CREEK	29.1	91.8	70	137.7	5
	73077	SILT	17/08/1998	7038225	546350	546221	7038395	1ST SAMPLE-WESTERN BRANCH-10 MILE CK	10.4	81.9	146	4.7	2
A	71694	CHIP	21/07/2000	0	0	548589	7042827	TEN MILE CREEK ROAD HAND TRENCHING, LIMONITE STAIN	4	9.9	36	21.7	3
A	71695	CHIP	21/07/2000	0	0	548592	7042831	TEN MILE CREEK ROAD HAND TRENCHING, LIMONITE, ASPY	1.6	4.4	18	6.7	1
A	71696	CHIP	21/07/2000	0	0	548592	7042831	TEN MILE CREEK ROAD HAND TRENCHING, LIMONITE AND H	4	10.2	47	70.9	16
A	71697	CHIP	21/07/2000	0	0	548592	7042831	TEN MILE CREEK ROAD HAND TRENCHING, CROSS SECTION	4.4	25.9	55	25.1	10
A	76677	GRAB	27/07/2000	0	0	542055	7042718	GRAPHITIC/CARBONACEOUS META-SEDS, Au TRAP?	2.4	29.3	105	4.5	1
A	76678	GRAB	27/07/2000	0	0	541576	7042564	METASEDS CUT BY DEFORMED, DISCORDANT QTZ VEINS WIT	4.6	14.3	32	105.3	0
A	76681	GRAB	27/07/2000	0	0	542314	7042917	IN CREEK, BANDED SILICEOUS SEDIMENT WITH ASPY FOLI	3.6	25.6	66	3.4	1
A	76683	GRAB	27/07/2000	0	0	542708	7043026	SILICIFIED AND STOCKWORK FRACTURED METASEDS WITH A	86.5	128.5	1611	577.8	6
A	76684	GRAB	27/07/2000	0	0	543005	7042762	GLASSY BLUE-PURPLE-GREY LAMINATED QTZ VEIN, WITH S	33.4	9.5	106	3.4	0

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	76766	GRAB	26/07/2000	0	0	546995	7043544	SLIGHTLY LIMONITIC GRANITE, 2920 FT ELEVATION	7.7	53.3	83	6.7	1
A	76767	GRAB	26/07/2000	10800	10410	547322	7043342	QTZ CHIPS	9.3	278.2	15	5	1
A	76768	GRAB	26/07/2000	10800	10200	547112	7043335	GRUNGY GRANITE IN OLD SOIL HOLE	43.1	151.7	39	20.7	25
A	76769	GRAB	26/07/2000	10800	10100	547012	7043331	ANGULAR INTRUSIVE CLASTS, SOME QTZ IN OLD SOIL HOL	5.8	31.8	13	5.9	10
A	76773	GRAB	26/07/2000	10600	10300	547218	7043140	BITS OF INTRUSIVE AND A LITTLE QTZ IN SOIL	138.8	110.3	34	10.7	8
A	76826	GRAB	26/07/2000	8900	10000	546978	7041431	LIMONITIC QTZ BOULDER IN OLD SOIL HOLE # 74665	28.2	9.9	223	24.3	12
A	76827	GRAB	26/07/2000	8900	10000	547027	7041441	RUSTY QTZ-SERICITE SCHIST IN SOIL HOLE # 74665	18.3	35.7	72	59.8	13
A	76829	GRAB	26/07/2000	8780	10100	547078	7041398	QTZ VEINS IN CHLORITE SCHIST	19.6	5	76	51.5	3
A	76831	GRAB	26/07/2000	8800	10300	547192	7041488	QTZ AND SILICIFIED SCHIST FROM OLD SOIL HOLE # 746	126.7	45.4	390	12987	170
A	76832	GRAB	26/07/2000	0	0	547859	7041671	5-10% ASPY IN YELLOW-WHITE QTZ VEIN +/- MALACHITE(	1.9	1.4	26	3768.5	27
A	76830	GRAB	25/07/2000	0	0	544978	7042039	PY AND ASPY PODS IN SILICIFIED QUARTZITE 55M FROM	31	53.8	194	7.6	2
A	64666	GRAB	24/07/2000	9800	12000	548926	7042394	RUSTY BRECCIA (?) NO FRESH SURFACES	14.5	362.5	262	3351.7	27
A	64668	GRAB	24/07/2000	9800	12030	548966	7042394	LIMONITIC QTZ BOULDER WITH <2cm PODS OF PYRITE =/-	1.1	3.4	149	1770.7	51
A	76732	GRAB	24/07/2000	8600	10600	547571	7041148	QUARTZITE WITH DISSEMINATED MAGNETITE	19.5	33.4	139	3.8	1
A	76740	GRAB	24/07/2000	0	0	548260	7041300	QTZ WITH MINOR DISSEMINATED PY FROM ORTHOGNEISS AN	12.7	8.9	19	4.4	2
A	76800	GRAB	24/07/2000	9800	11960	548885	7042393	SILICIFIED QUARTZITE WITH LIMONITE BOXWORK	7.3	7.3	76	463.2	25
A	64652	GRAB	21/07/2000	0	0	548540	7041941	MINOR ASPY IN SILICIFIED PHYLLITE(?)	5	7.5	80	1241.1	25
A	64653	GRAB	21/07/2000	0	0	548573	7041879	GREY AND WHITE SILICIFIED META-SEDIMENTS	14.7	27.3	163	4085.5	180
A	64654	GRAB	21/07/2000	0	0	548776	7041794	MINOR F.G. ASPY IN SILICIFIED METASEDIMENTS	21.5	61	289	357.7	5
A	64655	GRAB	21/07/2000	0	0	548865	7041728	F.G. ASPY IN SILICIFIED METASEDIMENTS	18.3	126.2	434	1017.7	23
A	64656	GRAB	21/07/2000	0	0	548871	7041560	MINOR ASPY+PY IN SILICIFIED METASEDIMENTS	5.3	24.7	94	46.9	2
A	75812	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, GOOD LOOKIN GO	10.3	49.2	241	331.4	51
A	75813	GRAB	21/07/2000	0	0	547891	7041635	TOP OF TEN MILE IN CREEK. GALENA RICH BOULDERS	20.8	54.8	59	7.3	2
A	75889	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, CHERTY RUBBLE	7.9	14.4	383	196.3	145
A	75890	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, 5M NW OF LAST	9	11.9	73	924.2	120
A	75891	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, SAME LOC. AS P	12.5	11.8	149	985	304
A	75892	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, QUARTZ WITH EX	3.4	7.1	39	197.5	73
A	75893	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, 10M DOWN ROAD,	6.2	3.7	177	9031.4	2750
A	75894	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, SAME LOC. AS P	5.1	21.2	58	101.3	31
A	75895	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD MAIN ROADSIDE TRENCH, QTZ OR A	8	33.5	249	260.5	60
A	75896	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD MAIN TRENCH, BLEACHED LOOKING	6.2	48.7	198	253	35
A	75897	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING, SIMILAR TO LAS	4	18.4	71	241.7	52
A	75898	GRAB	21/07/2000	0	0	548616	7042951	TEN MILE CREEK ROAD HAND TRENCHING	7.1	7	170	770.1	49
A	75899	GRAB	21/07/2000	0	0	548622	7042957	TEN MILE CREEK ROAD HAND TRENCHING, MINOR ASPY AND	15.5	72.7	63	61	8
A	76656	GRAB	21/07/2000	0	0	547922	7041170	HIGHLY ALTERED, UNFOLIATED GRANITE WITH SCORODITE	68.6	17.7	614	11.3	2
A	76657	GRAB	21/07/2000	0	0	547922	7041170	SILICIFIED SEDS NEXT TO GRANITE +/- FINE GRAINED A	13.4	12.1	204	12.4	1
A	76658	GRAB	21/07/2000	0	0	547908	7040636	QTZ POOR PHASE OF BIOTITE GRANITE WITH <1% PYRITE	70.8	5.1	66	39.1	3
A	64650	GRAB	20/07/2000	0	0	548896	7041921	MINOR F.G. ASPY IN GREY BAND 3cm WIDE IN RUSTY QTZ	14	14.9	228	34.1	1
A	64651	GRAB	20/07/2000	0	0	549057	7041400	ASPY AND SCORADITE IN VUGGY QTZ BOULDER	1695.4	22.4	2305	2052	180
A	75888	GRAB	20/07/2000	9500	8500	545462	7041982	ORANGE LIMONITIC QUARTZ	2.7	18.6	21	2.5	1
A	76653	GRAB	20/07/2000	0	0	548806	7042496	GOSSANOUS ROCK, UNKNOWN PROTOLITH, LOTS OF BOXWOR	4.7	522.2	200	3331.6	1
A	76654	GRAB	20/07/2000	0	0	548806	7042496	LIMONITIC QUARTZITE UNIT CUT BY GLASSY, GREY QTZ V	3.2	15	110	224	66
A	76655	GRAB	20/07/2000	0	0	548980	7041631	PY AND ASPY BEARING SILICA-FLOODED UNIT	50	14.1	740	1209.1	117
A	76721	GRAB	20/07/2000	0	0	549039	7043117	QTZ WITH PY +/- ASPY IN TEN MILE CREEK	3.7	5.7	335	7879.6	439
A	76722	GRAB	20/07/2000	0	0	549050	7043150	BLUEISH QTZ WITH DISSEMINATED PYRITE IN TEM MILE C	7.1	7.9	399	934.1	70
A	76723	GRAB	20/07/2000	0	0	549086	7043204	QTZ WITH PY IN TEN MILE CREEK	4.4	45	205	896.2	160
A	76724	GRAB	20/07/2000	0	0	549197	7043277	CALCAREOUS AMPHIBOLITE WITH DISSEMINATED PYRITE	16.8	51.9	116	16.4	5
A	64645	GRAB	19/07/2000	0	0	543802	7042200	1% ASPY ALONG GREY BANDS IN SILICIFIED LIMESTONE	10.6	15.6	86	13.2	1
A	64646	GRAB	19/07/2000	0	0	549045	7043023	PYRITE CUBES IN GRANITE	13.1	29.3	95	5.6	5
A	64647	GRAB	19/07/2000	0	0	542992	7043024	RUSTY F.G. DARK-GREY QUARZTITE +/- ASPY	7.1	92.4	254	30.4	1
A	64648	GRAB	19/07/2000	0	0	542832	7043204	ASPY > PY <1% AS CLOTS IN WHITE/GREY RUSTY QUARTZ	8.7	23.3	146	4.2	3
A	76714	GRAB	19/07/2000	0	0	541313	7043206	LIMONITIC MICACEOUS QUARTZITE +/- PYRITE	14.6	12.1	44	7.5	1

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	64644	GRAB	17/07/2000	0	0	544108	7041871	VUGGY LIMONITIC QTZ BRECCIA OR VEIN WITH OPEN SPAC	14.7	38	111	6.4	1
A	76641	GRAB	17/07/2000	9200	9600	546505	7041708	BANDED, GLASSY QTZ VEIN IN METASEDS	2.8	13.6	17	3.5	1
A	76642	GRAB	17/07/2000	9200	9800	546764	7041701	SILICIFIED SEDS AND QTZ VEINS WITH PYRITE AND ASPY	9.2	16.4	78	3022.1	41
A	76643	GRAB	17/07/2000	9200	9800	546764	7041701	SILICIFIED, SERICITIC +/- ASPY IN QTZ VEIN	28.9	2.2	141	44378	235
A	76633	GRAB	16/07/2000	0	0	547909	7041845	IN TEM MILE CREEK JUST SOUTH OF FLUME	20.5	22.1	30	57	3
A	76634	GRAB	16/07/2000	0	0	547909	7041845	LIMONITIC QUARTZ VEIN WITH ASPY DISSEM. SELVAGES (	4.2	2.7	207	46051	167
A	76635	GRAB	16/07/2000	0	0	548297	7042492	SKARNIFIED METASEDS - ACTINOLITE - PYRITE ASSEMBLA	19.2	23.2	183	64	5
A	76636	GRAB	16/07/2000	0	0	548621	7042789	OXIDIZED, SILICA FLOODED AND VEINED METASEDS	3.7	13.2	97	423.2	13
A	76637	GRAB	16/07/2000	0	0	548682	7042974	PERVASIVE, INTENSE SILICIFICATION OF GRANITE AND S	2.3	2.3	17	54	6
A	76638	GRAB	16/07/2000	0	0	548860	7042777	PYRITE AND CHALCOPYRITE IN MASSIVE QTZ VEIN	8.4	6.4	155	7.4	2
A	76639	GRAB	16/07/2000	0	0	548919	7042936	SKARNED CALC-SILICATE WITH PYRITE, ASPY, CPY, AND	11.4	33.2	51	4.2	4
A	76640	GRAB	16/07/2000	0	0	548963	7043204	HEMATITIC PEGMATITIC POD IN SEDS	15.9	163.3	52	27	15
A	64675	GRAB	15/07/2000	0	0	548577	7042772	CRYPTOCRYSTALLINE INTRUSIVE WITH QTZ VEINLETS AND	5.3	24.3	68	864.5	33
A	64676	GRAB	15/07/2000	0	0	548575	7042768	TRACE ASPY IN QTZ-VEINS <1cm IN SILICIFIED AND RUS	8.4	18.9	99	654.2	203
A	64677	GRAB	15/07/2000	0	0	547982	7042213	STRONGLY FOLIATED PYRITIC BIOT-CHLORITE-QTZ SCHIST	14.4	54.2	66	18.7	8
A	64678	GRAB	14/07/2000	8400	10575	547695	7041078	RUSTY AND VUGGY QTZ-V 2cm WIDE IN BANDED QUARTZITE	10.8	21.6	344	22	3
A	76577	GRAB	14/07/2000	0	0	547629	7040740	INTRUSIVE WITH DISSEMINATED PYRITE AND CHALCOPYRIT	8	9.4	34	0	13
A	76593	GRAB	14/07/2000	7600	10823	547854	7040156	GALENA IN GRANITE	442.2	16.6	940	0.5	7
A	76553	GRAB	13/07/2000	0	0	547974	7041320	WHITE QUARTZ VEIN	2.2	37.3	47	10.7	15
A	76554	GRAB	13/07/2000	0	0	547993	7041177	QTZ AND GRAPHITE WITHIN GREY QUARTZITES	26.8	169.9	495	96.7	4
A	76555	GRAB	13/07/2000	0	0	548048	7041039	BASALT DYKE WITH FINELY DISSEMINATED MAGNETITE	26.2	158.3	85	23.7	3
A	76556	GRAB	13/07/2000	0	0	548056	7041008	QUARTZITE. LOCALLY WEAKLY LIMONITIC, SOME SMALL VU	4.8	38.7	201	51.7	3
A	76557	GRAB	13/07/2000	0	0	548055	7041005	MICACEOUS, SOMEWHAT LIMONITIC QUARTZITE, 310/20 SW	66.3	143.4	409	813.4	8
A	76558	GRAB	13/07/2000	0	0	547950	7041028	CONFORMABLE 2m WIDE QTZ VEIN IN QUARTZITES, 288/32	43.5	27.6	464	51.6	1
A	76559	GRAB	13/07/2000	0	0	547831	7040975	WHITE BULL QUARTZ	8.6	16.6	56	5.3	0
A	76112	GRAB	01/07/2000	0	0	545427	7043054	LIMONITIC INTRUSIVE ~100M S. OF NARROW LIMESTONE R	43	20.5	65	104.2	1
A	75933	GRAB	16/09/1999	8800	8700	545680	7041280	SILICIFIED WITH ANGULAR CARBONATE OR FELDSPAR	12.7	121	118	21.9	0
A	75934	GRAB	16/09/1999	8800	8700	545680	7041280	SILICIFIED/HORNFELSED AMORPHOUS SEDIMENT	23.4	196.3	368	32.9	0
A	75935	GRAB	16/09/1999	8830	8530	545520	7041310	LIMONITIC QUARTZ WITH TRACE BLACK SPECKS	1.5	5.1	27	5.9	0
A	71989	GRAB	27/07/1999	0	0	545465	7039740	AT 15+21 ON RIDGE SOIL LINE	1.7	27.2	72	0.4	1
A	71990	GRAB	27/07/1999	0	0	544515	7041070		6.3	9.9	30	1	0
A	73795	GRAB	27/07/1999	0	0	545885	7040165	BANDED QUARTZ VEIN 1.5 CM WIDE IN MUDDY LIMESTONE	16.5	6	14	6.6	0
A	73796	GRAB	27/07/1999	0	0	544825	7040755	PYRITIC HORNFELSED ORTHOGNEISS	2.1	64.1	43	1.7	0
A	71986	GRAB	23/07/1999	0	0	548975	7042170	GRAPHITE SCHIST WITH QTZ VEIN	13.6	83.5	259	865.9	28
A	71987	GRAB	23/07/1999	0	0	548890	7042460	BY SOIL CONTOUR SITE 10600 71873	13.9	20.9	142	1550.8	47
A	71988	GRAB	23/07/1999	0	0	548640	7042860	ORTHOGNEISS SHOT THROUGH W/LIMONITIC PY & ASPY	2.5	20.8	36	402.6	32
A	73797	GRAB	22/07/1999	0	0	545940	7042460	GRAPHITIC SCHIST WITH QTZ VEINS +/- ARSENOPYRITE?	20.9	6.8	371	4488.4	67
A	71984	GRAB	19/07/1999	0	0	547880	7041730	IN TEN MILE CREEK BED	2.3	6.9	29	485.3	11
A	71985	GRAB	19/07/1999	0	0	547880	7041730	QTZ BOULDER IN CREEK W/PY, ASPY	3.8	0	130	68766	175
A	71983	GRAB	18/07/1999	0	0	545735	7041400	LARGE F.G. QTZ VEIN	36.8	100.4	284	46.3	0
A	71981	GRAB	16/07/1999	0	0	546920	7043045	WEATHERED GRANITE	5.1	26	28	53	2
A	71982	GRAB	16/07/1999	0	0	547440	7043280	GRANITE W/ABUNDANT RUSTY QTZ VEINS	4.9	10.7	25	6.4	0
A	73798	GRAB	16/07/1999	0	0	548640	7042860	MINOR PYRITE IN 10 CM QTZ VEIN	2.7	7.3	55	52.3	11
A	73799	GRAB	16/07/1999	0	0	548730	7042940	PY & ASPY? IN PARALLEL QUARTZ VEINS	7.4	39.2	74	117.4	10
A	71980	GRAB	15/07/1999	0	0	548580	7042565	MAFIC OTHOGNEISS TO QTZ CARBONATE	2.7	3.8	31	167.6	7
A	73086	GRAB	18/08/1998	7041400	547995	547866	7041570	QUARTZ BOULDER, RUSTY FRACTURES, VG?	11.1	0	98	8.8	4
A	73087	GRAB	18/08/1998	7041300	547900	547771	7041470	QUARTZ-SERICITE SCHIST	17.7	2.7	54	16.5	4
A	73088	GRAB	18/08/1998	7041300	547900	547771	7041470	QUARTZ CLAST	37.4	29.9	249	16.3	7
A	73089	GRAB	18/08/1998	7041400	548075	547946	7041570	QUARTZ VEIN WITH GALENA	31023	33.8	35764	0	149
A	64670	SILT	24/07/2000	9800	12185	549127	7042402		15.5	80.2	154	129.6	7
A	76805	SILT	24/07/2000	9800	11505	548438	7042378	SMALL CREEK FLOWING INTO TEN MILE CREEK FROM SOUTH	11.7	94.1	101	108.5	6
A	76770	SOIL	26/07/2000	10775	10125	547032.0035	7043298.99686	50M SE OF 108N/101+00E	91.5	175.1	147	22.4	174

	GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A		76771	SOIL	26/07/2000	0	0	547062.0019	7043256.00561	100M SE 108N/101+00E, PEBBLES AND BITS OF INTRUSIV	27.8	190.3	75	12.5	9
A		76772	SOIL	26/07/2000	0	0	547088.9988	7043219.00314	150M SE 108N/101+00E, BITS OF INTRUSIVE AND A LITT	67.7	165.2	109	11.5	12
A		76774	SOIL	26/07/2000	10575	10325	547246.9974	7043114.00452	50M SE OF 106N 103+00E, VERY ROCKY WITH BLAND INST	137.6	259.5	173	54.6	108
A		76775	SOIL	26/07/2000	0	0	547278.9995	7043087.00001	100M SE OF 106N 103+00E	27	72.7	104	13	16
A		76776	SOIL	26/07/2000	0	0	547312.9972	7043055.99632	150M SE OF 106N 103+00E, STILL WITH INTRUSIVE CLAS	15.2	57.7	75	10.4	9
A		76828	SOIL	26/07/2000	8900	10000	547058.0027	7041449.00342	QTZ AND SCHIST CLASTS IN SOIL HOLE # 74665	17	30.4	177	52.5	2
A		76961	SOIL	25/07/2000	9400	11100	547956.9976	7041959.99941	SCHIST	55	138.7	187	378.8	8
A		76962	SOIL	25/07/2000	9400	11200	548047.001	7041964.99839	SCHIST	61.7	176.1	240	25	5
A		76963	SOIL	25/07/2000	9400	11300	548141.0036	7041966.99799	LOTS OF SCHIST ROCK FRAGMENTS IN SAMPLE, POOR B-HO	22.3	126.4	188	136.6	3
A		76964	SOIL	25/07/2000	9400	11400	548231.9965	7041970.99717	ROCK FRAGMENTS: GRAPHITIC SCHIST WITH SLICKENSLIDE	76.1	116.2	366	395.1	10
A		76965	SOIL	25/07/2000	9400	11500	548330.9961	7041972.99677	METASEDS	24.1	142.9	303	572.5	5
A		76968	SOIL	25/07/2000	9400	11800	548618.9987	7041983.00473	METASEDS	13.5	95.6	353	208.8	35
A		76969	SOIL	25/07/2000	9400	11900	548716.0028	7041987.00391		21.6	92	158	563.4	43
A		76970	SOIL	25/07/2000	9400	12000	548813.9964	7041990.0033		10.1	52.4	70	57.3	5
A		76971	SOIL	25/07/2000	9400	12100	548889.9984	7041994.00249	METASEDS	21.1	77.1	186	174	2
A		76974	SOIL	25/07/2000	9400	12400	549144.0034	7041995.00229	SUBCROP OF RHYOLITE, WEAKLY DEVELOPED B-HORIZON	29.3	126.1	186	87.1	2
A		64659	SOIL	24/07/2000	9800	10800	547751.9977	7042357.9984	QTZ-CHLORITE-SERICITE SCHIST CHIPS	8	56.3	49	207.1	6
A		64660	SOIL	24/07/2000	9800	10900	547853.9988	7042360.99779	QTZ CHIPS	13.1	57.4	71	31.8	4
A		64661	SOIL	24/07/2000	9800	11000	547949.9969	7042363.99718		12.5	54.7	104	25.7	6
A		64662	SOIL	24/07/2000	9800	11100	548046.0032	7042366.99657		12	51.8	165	148	11
A		64663	SOIL	24/07/2000	9800	11200	548143.9969	7042368.99616		13.4	62.8	127	129	4
A		64664	SOIL	24/07/2000	9800	11300	548240.0032	7042372.00555	DARK BROWN MICACEOUS SOIL	14.2	74.6	135	85.1	9
A		64665	SOIL	24/07/2000	9800	11500	548431.9995	7042378.00433	5M W. OF NW. FLOWING CREEK	16.6	107.1	207	175.9	9
A		64667	SOIL	24/07/2000	9800	12000	548925.9997	7042394.00107	BIOT-FELDSPAR-SERICITE QTZ SCHIST CLASTS	18.1	71.6	434	386.1	6
A		64669	SOIL	24/07/2000	9800	12100	549031.0023	7042397.00046	QTZ AND SERICITE-QTZ SCHIST CHIPS	28.2	90.4	384	761.1	16
A		64671	SOIL	24/07/2000	9800	12200	549144.0034	7042402.99924	15M E. OF CREEK	15.5	74.3	314	139.5	35
A		64672	SOIL	24/07/2000	9800	12300	549230.9970	7042406.99843	GRANITE CHIPS AND SUBCROP 30M E. OF STATION	37.4	73	234	193.2	3
A		64673	SOIL	24/07/2000	9800	12400	549324.0019	7042412.9972		10.4	56	177	98.5	10
A		71698	SOIL	24/07/2000	9000	10900	547875.9987	7041562.00042	PERMAFROST IN LOWER PART OF A-HORIZON, LOTS OF ORG	24.3	74.3	124	61.1	13
A		71699	SOIL	24/07/2000	9000	11000	547967.9976	7041564.99981	MUSCOVITE SCHIST	21.1	94.6	279	42.8	2
A		76729	SOIL	24/07/2000	8600	10408	547436	7041146	SIDE CREEK FLOWING E INTO TEN MILE CREEK	65.3	131.7	128	271.7	6
A		76730	SOIL	24/07/2000	8600	10500	547490.0025	7041148.00469	PEBBLY MATERIAL BETWEEN MOSS AND PERMAFROST, TEN M	25.4	104.5	170	151.5	6
A		76731	SOIL	24/07/2000	8600	10600	547571.0014	7041148.00469	VERY ROCKY WITH QUARTZITES	21.2	89.2	131	137.6	7
A		76733	SOIL	24/07/2000	8600	10700	547662.0025	7041152.00388	CHIPS OF MICACEOUS QUARTZITE, OLD CONTOUR LINE AT	7.9	97.3	53	14.9	2
A		76734	SOIL	24/07/2000	8600	10800	547754.9992	7041153.00367		51.2	103.7	534	381.5	35
A		76735	SOIL	24/07/2000	8600	10900	547849.0018	7041157.00286	ORGANICS, BITS OF ROCK, PERMAFROST, WITH LITTLE SO	24.3	85.5	317	63.7	57
A		76736	SOIL	24/07/2000	8600	11000	547944.9999	7041160.00225	GREY MUCK, MICA, AND QUARTZITES	29.7	131.8	597	769.4	91
A		76737	SOIL	24/07/2000	8600	11100	548040.9980	7041164.00143	QUARTZITE AND QTZ TALUS IN HOLE	19.7	122.2	215	518	31
A		76738	SOIL	24/07/2000	8600	11200	548139.9976	7041168.00062	LOTS OF MICA AND QUARTZITE	19.2	86.6	205	239.9	14
A		76739	SOIL	24/07/2000	8600	11300	548236.004	7041171.00001	LOTS OF INTRUSIVE IN CREEK AT 112+50E	9.6	151.9	90	20.4	3
A		76801	SOIL	24/07/2000	9800	11900	548826.0024	7042391.00168	MUSC-QTZ SCHIST CLASTS	18.6	51.4	234	211.6	1
A		76802	SOIL	24/07/2000	9800	11800	548728.9983	7042387.0025	QTZ CHIPS IN SOIL	14.5	139.2	299	682.9	12
A		76803	SOIL	24/07/2000	9800	11700	548633.0002	7042383.00331	CHLORITE-SERICITE QTZ SCHIST	12.2	105.8	93	248.2	25
A		76804	SOIL	24/07/2000	9800	11600	548535.9960	7042382.00351	QTZ-AUGEN GNEISS TALUS UP TO 117N, CHLORITIC SOIL	14.3	82.8	101	24.5	3
A		76951	SOIL	24/07/2000	9000	11000	548058.0009	7041565.99961	QTZ FRAGMENTS	35.9	90.3	253	21.8	2
A		76952	SOIL	24/07/2000	9000	11200	548158.9960	7041568.999		26.1	82.5	142	63.4	3
A		76953	SOIL	24/07/2000	9000	11300	548260.9971	7041569.99879	SCHIST	15.1	70	183	100.3	61
A		76954	SOIL	24/07/2000	9000	11400	548363.996	7041572.99818	SCHIST	13.2	95.6	199	94.2	9
A		76955	SOIL	24/07/2000	9000	11500	548464.0016	7041575.99757	TRACHYTE, SCHIST AND QUARTZITE	28	94.4	422	97	4
A		76956	SOIL	24/07/2000	9000	11600	548564.9967	7041578.99696	FOLIATED SCHIST, HEMATITE, LIMONITE STAINS	45.3	140.3	267	274.7	11
A		76957	SOIL	24/07/2000	9000	11700	548662.9985	7041578.99696	SCHIST	14.5	113.2	617	57.8	1
A		76958	SOIL	24/07/2000	9000	11800	548761.9981	7041581.99635	METASEDS, SCHIST, AND QUARTZITE	19.4	100.2	348	92.7	8

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	76959	SOIL	24/07/2000	9000	11900	548857.9963	7041584.99574	QTZ VEIN FRAGMENTS, DULL AND LIMONITIC	194.5	74.3	563	282.2	2
A	76960	SOIL	24/07/2000	9000	12000	548955.0004	7041587.00533	WEAK B-HORIZON, SAMPLE CONSISTS MAINLY OF SCHIST R	48.3	143.1	164	106.9	4
A	71690	SOIL	21/07/2000	10400	11700	548625.0017	7042993.99894	QTZ FRAGMENTS AND LOTS OF ORGANICS IN BURNED AREA	12.9	62	47	94	3
A	71691	SOIL	21/07/2000	10400	11800	548724.9990	7042995.99854	BURNED AREA	12.9	50.9	54	28.6	2
A	71692	SOIL	21/07/2000	10400	11900	548824.9964	7042998.99793		9.9	51.7	56	20.9	5
A	71693	SOIL	21/07/2000	10400	12000	548925.002	7043002.99711	BURNED AREA	10.5	60.2	111	15.8	3
A	76725	SOIL	21/07/2000	10200	11700	548630.9964	7042788.00087	WET, ROAD AT 102N 117+45E	9.9	57.5	68	17.3	3
A	71675	SOIL	20/07/2000	11000	11700	548500.0029	7043579.99966	BURN AREA	8.9	61	103	9.8	5
A	71676	SOIL	20/07/2000	11000	11800	548600.9980	7043582.99905	ONSET OF PERMAFROST	8.4	60.2	73	15	3
A	71677	SOIL	20/07/2000	11000	11900	548702.0014	7043586.99824	SAMPLE FROM HILLSIDE 15M N. OF CREEK	40.5	60.4	33	66.8	1
A	71678	SOIL	20/07/2000	11000	12000	548802.9965	7043589.99763	QTZ FRAGMENTS	16.8	36	66	11.8	1
A	71679	SOIL	20/07/2000	11000	12100	548903.9998	7043592.99702		11.7	45	90	9.1	2
A	71680	SOIL	20/07/2000	11000	12200	549005.0032	7043595.99641		10.2	43.1	44	12.4	6
A	71681	SOIL	20/07/2000	11000	12300	549105.9983	7043600.00559		10.2	59	56	10.3	3
A	71682	SOIL	20/07/2000	11000	12400	549207.0016	7043603.00498		10.2	48.6	52	6.8	4
A	71683	SOIL	20/07/2000	11000	12500	549307.9967	7043606.00437		11.5	56.6	65	10.7	3
A	71684	SOIL	20/07/2000	10800	11700	548509.9969	7043385.99915	LOTS OF ORGANICS	10.2	75.7	137	10.7	4
A	71685	SOIL	20/07/2000	10800	11800	548610.0025	7043387.99875		7.8	54.8	59	10	3
A	71686	SOIL	20/07/2000	10800	11900	548709.9999	7043390.99814	FOREST FIRE AREA	8.8	57.4	93	9.3	4
A	71687	SOIL	20/07/2000	10800	12000	548811.0032	7043393.99752	FOREST FIRE AREA	8.1	53.1	62	11.2	4
A	71688	SOIL	20/07/2000	10800	12100	548911.0006	7043396.99691	FOREST FIRE AREA	7.5	50	64	8.8	7
A	71689	SOIL	20/07/2000	10800	12200	549010.9979	7043399.9963		19	61.2	37	22.7	0
A	76715	SOIL	20/07/2000	10600	11700	548626.9972	7043186.99966	OLD BURN	12.6	48.7	38	15.1	3
A	76716	SOIL	20/07/2000	10600	11800	548739.0005	7043187.99945		13	65.2	89	15	3
A	76717	SOIL	20/07/2000	10600	11900	548838.9978	7043189.99905	CLAYISH, FULL OF MICA	15.4	60.7	89	12.3	4
A	76718	SOIL	20/07/2000	10600	12000	548939.0034	7043192.99844	CLAYISH	8.4	54.7	91	7.9	2
A	76719	SOIL	20/07/2000	10600	12100	549039.0008	7043193.99823	CLAYISH	10.7	66.1	112	14.6	11
A	76720	SOIL	20/07/2000	10600	12200	549138.9982	7043196.99762		9.9	56.6	48	19	2
A	71638	SOIL	17/07/2000	8400	9900	547070.9981	7040983.99807	MUSCOV-SCHIST ROCK FRAGMENTS	16.5	148.8	323	311.4	44
A	71639	SOIL	17/07/2000	8400	9800	546971.0008	7040981.99848		11.3	92.4	147	195	15
A	71640	SOIL	17/07/2000	8400	9700	546871.0034	7040979.99889	METASEDS	18.3	143	431	108.1	12
A	71641	SOIL	17/07/2000	8400	9600	546770.9978	7040977.99929	LOTS OF ROCK FRAGMENTS, METASEDS	35	87.4	365	214.8	8
A	71642	SOIL	17/07/2000	8400	9500	546671.0005	7040975.9997	ROCK FRAGMENTS, MUSC. SCHIST	15.9	97.9	301	224.1	4
A	71643	SOIL	17/07/2000	8400	9400	546571.0031	7040974.9999		12.2	64.9	374	63.9	4
A	71644	SOIL	17/07/2000	8400	9300	546470.9975	7040973.00031	LOTS OF ROCK FRAGMENTS, METASEDS	136.8	126.1	520	956.1	11
A	71645	SOIL	17/07/2000	8400	9200	546371.0002	7040971.00072		13.5	68.8	474	32.3	3
A	71646	SOIL	17/07/2000	8400	9100	546271.0028	7040969.00113	ROCK FRAGMENTS, METASEDS	40.2	47.6	132	14.8	5
A	71647	SOIL	17/07/2000	8400	9000	546170.9972	7040967.00153		11.3	48.9	70	14.3	1
A	76599	SOIL	17/07/2000	7800	9500	546540	7040394	VERY COARSE MATERIAL	20.1	81.3	137	59.4	3
A	76700	SOIL	17/07/2000	7800	9500	546682.9982	7040376.00183	BREAK IN SLOPE, QUARTZITE CHIPS	16	140.3	837	126.1	2
A	76701	SOIL	17/07/2000	7800	9600	546783.0038	7040378.00142	BREAK IN SLOPE, QUARTZITE CHIPS	21.9	77.3	335	78.4	2
A	76702	SOIL	17/07/2000	7800	9700	546883.0011	7040380.00101	VERY ROCKY WITH QUARTZITES	24	332.3	3640	341.3	1
A	76703	SOIL	17/07/2000	7800	9800	546982.9985	7040382.00061	QUARTZITES, NO SAMPLE AT 99E DUE TO PERMAFROST	16.2	79.4	1314	190	2
A	76704	SOIL	17/07/2000	7800	10100	547282.0010	7040387.99939	VERY ROCKY WITH QUARTZITES	22.7	82.8	80	221.1	3
A	76705	SOIL	17/07/2000	7800	10200	547381.9984	7040388.99918	POOR SOIL, QUARTZITE TALUS SLOPE	68.5	150	219	135.6	1
A	76706	SOIL	17/07/2000	7800	10300	547482.004	7040390.99878	POOR SOIL, QUARTZITE TALUS SLOPE	43.6	55.4	179	85.7	6
A	76707	SOIL	17/07/2000	7800	10400	547582.0013	7040392.99837	ROOTS AND ROCK	28	81.4	268	67	43
A	76708	SOIL	17/07/2000	7800	10500	547681.9987	7040394.99796	MICACEOUS QUARTZITES	19.1	59.5	44	12.2	2
A	76709	SOIL	17/07/2000	7800	10600	547781.9960	7040396.99756	INTRUSIVE	26.4	57.9	66	8.6	3
A	76710	SOIL	17/07/2000	7800	10700	547882.0016	7040398.99715	QUARTZITE	25.2	56.3	34	11.9	4
A	76711	SOIL	17/07/2000	7800	10800	547981.999	7040400.99674	ROCKY, INTRUSIVE	39	134.3	16	5.1	3
A	76712	SOIL	17/07/2000	7800	10900	548081.9964	7040402.99633	ROCKY, INTRUSIVE	36.3	59.4	82	10.9	9

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	76713	SOIL	17/07/2000	7800	11000	548182.002	7040403.99613	ROCKY, INTRUSIVE	20.5	42.1	187	6.9	24
A	71618	SOIL	16/07/2000	8000	9000	546179.0039	7040567.00295	CREEK CROSSING AT 90+65	23.8	64.7	174	27	3
A	71619	SOIL	16/07/2000	8000	9100	546279.0013	7040569.00254	PERMAFROST IN A-HORIZON	24.1	29.8	202	25.7	9
A	71620	SOIL	16/07/2000	8000	9200	546378.9986	7040571.00214		15.9	231.6	1725	133.1	3
A	71621	SOIL	16/07/2000	8000	9300	546478.996	7040573.00173		25.5	327.1	579	181.2	2
A	71622	SOIL	16/07/2000	8000	9400	546579.0016	7040574.00153		17.8	185.5	511	105.9	1
A	71623	SOIL	16/07/2000	8000	9500	546678.9989	7040576.00112		14.5	96.7	564	33.8	1
A	71624	SOIL	16/07/2000	8000	9600	546778.9963	7040578.00071		10.9	46.5	342	52.8	1
A	71625	SOIL	16/07/2000	8000	9700	546879.0019	7040580.00031		15.5	82	338	127.4	3
A	71626	SOIL	16/07/2000	8000	9800	546978.9992	7040581.9999		19.6	238.8	284	111.8	2
A	71627	SOIL	16/07/2000	8000	9900	547078.9966	7040583.99949	VERY WET SAMPLE	9.2	175.9	306	112.2	414
A	71628	SOIL	16/07/2000	8000	10100	547278.9995	7040587.99868		38	83.2	285	97.5	9
A	71629	SOIL	16/07/2000	8000	10200	547378.9969	7040588.99847	POOR DEVELOPED B-HORIZON, LOTS OF ORGANICS AND FRA	38.5	147.7	429	433.2	10
A	71630	SOIL	16/07/2000	8000	10300	547479.0025	7040590.99807	10m AWAY FROM OUTCROP, METASEDS AND DULL QTZ VEIN	22.9	95.9	338	63.8	1
A	71631	SOIL	16/07/2000	8000	10400	547578.9999	7040592.99766	LOTS OF ROCK FRAGMENTS, B-HORIZON NOT REALLY FULLY	57.6	99.5	366	116.6	1
A	71634	SOIL	16/07/2000	8000	10700	547879.0002	7040598.99644	NO MATERIAL B-HORIZON, SUBCROP	14.6	11.6	205	2.7	1
A	71635	SOIL	16/07/2000	8000	10800	547978.9975	7040600.99603		30.3	51.3	17	25.7	5
A	71636	SOIL	16/07/2000	8000	10900	548079.0031	7040603.00562		40.1	63.3	80	11.7	2
A	71637	SOIL	16/07/2000	8000	11000	548179.0005	7040604.00542		17.3	42.6	68	12.5	3
A	76578	SOIL	16/07/2000	7400	9900	547089.9965	7039984.00162		13.2	63.4	87	53	5
A	76579	SOIL	16/07/2000	7400	9800	546989.9992	7039982.00203	JUST BELOW O/C OF AUGEN GNEISS BREAK IN SLOPE	21.5	62.3	263	57	5
A	76580	SOIL	16/07/2000	7400	9700	546890.0018	7039980.00243	PERMAFROST, CREEK AT 97+55E	7.8	63.7	73	7.3	5
A	76581	SOIL	16/07/2000	7600	9700	546886.0026	7040180.00172	CREEK AT 97+90E	40.6	59.9	154	36.4	2
A	76582	SOIL	16/07/2000	7600	9800	546986	7040182.00132	PERMAFROST, ANGULAR PIECES OF QUARTZITE	15.5	57	199	46.2	2
A	76583	SOIL	16/07/2000	7600	9900	547085.9973	7040184.00091	ROCKY, MICACEOUS QUARTZITE	20.9	52.6	302	55.7	3
A	76584	SOIL	16/07/2000	7600	10100	547286.0003	7040188.0001		33.3	59.2	158	29.9	3
A	76585	SOIL	16/07/2000	7600	10200	547385.9976	7040188.99989		45.5	67	127	90.7	3
A	76586	SOIL	16/07/2000	7600	10300	547486.0032	7040190.99949		19.4	69.5	72	58	2
A	76587	SOIL	16/07/2000	7600	10400	547586.0006	7040192.99908		7.1	69.6	154	6.2	1
A	76588	SOIL	16/07/2000	7600	10500	547685.9979	7040194.99867		4.9	25.3	214	1.5	0
A	76589	SOIL	16/07/2000	7600	10600	547786.0035	7040196.99826		16.3	77	25	6.4	4
A	76590	SOIL	16/07/2000	7600	10700	547886.0009	7040198.99786		9.4	115.2	31	7.3	2
A	76591	SOIL	16/07/2000	7600	10800	547985.9982	7040200.99745	ROCKY-GRANITES, CLOSE TO BEDROCK	35.8	67.4	50	7.6	9
A	76592	SOIL	16/07/2000	7600	10900	548086.0038	7040201.99725	VERY ROCKY-INTRUSIVE	29.2	48.1	54	8.6	4
A	76594	SOIL	16/07/2000	7400	10800	547989.9975	7040000.99816		42.2	49.4	156	7.1	2
A	76595	SOIL	16/07/2000	7400	10900	548090.0031	7040002.99775	ROCKY-QUARTZITE OR SILICIFIED INTRUSIVE(?)	28.8	55	78	10.3	14
A	76596	SOIL	16/07/2000	7400	11000	548190.0004	7040004.99735	ROCKY-INTRUSIVE	23.9	58	74	7.1	8
A	76597	SOIL	16/07/2000	8400	10900	548070.9964	7041003.0042	ROCKY-MICACEOUS QUARTZITE	12.7	34.7	465	18.3	6
A	76598	SOIL	16/07/2000	8400	11000	548171.002	7041004.004	MOSS COVERED TALUS SLOPE	6.8	41.3	158	17.8	1
A	76931	SOIL	16/07/2000	8200	9900	547074.9974	7040783.99878		26.9	90.2	431	184.4	15
A	76932	SOIL	16/07/2000	8200	9800	546975	7040781.99919	QUARTZITES IN SOIL	18	89.8	296	140.6	7
A	76933	SOIL	16/07/2000	8200	9700	546875.0026	7040779.9996		15.5	98.2	311	249.4	10
A	76934	SOIL	16/07/2000	8200	9600	546774.9970	7040778		16.6	66.6	522	177.7	5
A	76935	SOIL	16/07/2000	8200	9500	546674.9997	7040776.00041		20.5	76.1	575	184.7	3
A	76936	SOIL	16/07/2000	8200	9400	546575.0023	7040775.00061		15	92.6	348	76.7	4
A	76937	SOIL	16/07/2000	8200	9300	546474.9967	7040773.00102		20	113.8	338	342	10
A	76938	SOIL	16/07/2000	8200	9200	546374.9994	7040771.00143		26.3	108.8	69	694.2	16
A	76939	SOIL	16/07/2000	8200	9100	546275.0020	7040769.00183		15.7	44.8	85	31.7	2
A	76940	SOIL	16/07/2000	8200	9000	546174.9964	7040767.00224		21.4	95.1	20	5.4	1
A	76941	SOIL	16/07/2000	8200	10100	547275.0003	7040787.99797		25.6	130	289	181.1	11
A	76942	SOIL	16/07/2000	8200	10200	547374.9977	7040788.99776		69	185.4	449	497.6	55
A	76943	SOIL	16/07/2000	8200	10300	547475.0033	7040790.99736	PERMAFROST, SAMPLE TAKEN FROM CREEKBED	41.4	84.3	198	161.1	5

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	76944	SOIL	16/07/2000	8200	10400	547575.0006	7040792.99695	PERMAFROST	36.2	144.3	450	118.6	8
A	76945	SOIL	16/07/2000	8200	10500	547674.998	7040794.99654	QUARTZITES IN SOIL	21.3	137.4	663	455.4	40
A	76946	SOIL	16/07/2000	8200	10600	547775.0036	7040796.99614		12.1	73.7	255	68.7	3
A	76947	SOIL	16/07/2000	8200	10700	547875.0009	7040798.99573		42.2	107	251	51.9	5
A	76948	SOIL	16/07/2000	8200	10800	547974.9983	7040801.00532		28.4	81.6	370	202.1	4
A	76949	SOIL	16/07/2000	8200	10900	548075.0039	7040803.00491		17.6	49.2	376	11.8	3
A	76950	SOIL	16/07/2000	8200	11000	548175.0012	7040804.00471		21.8	55.5	199	17.3	1
A	64633	SOIL	14/07/2000	8400	10000	547171.0037	7040985.99767	SERICITE-QTZ SCHIST CHIPS	8.1	100.4	73	118.6	12
A	64634	SOIL	14/07/2000	8400	10100	547271.0011	7040987.99726	MICACEOUS SOIL WITH SERICITE-QTZ SCHIST CHIPS	4.5	107	91	126.5	8
A	64635	SOIL	14/07/2000	8400	10200	547370.9984	7040989.99685	MUDDY	7.4	65.3	107	81.9	11
A	64636	SOIL	14/07/2000	8400	10300	547471.0040	7040990.99665	MUSCOVITE-QTZ SCHIST CLASTS IN PERMAFROST	34.4	153	528	170.7	22
A	64637	SOIL	14/07/2000	8400	10400	547571.0014	7040992.99624	SERICITE-CHLORITE-QTZ SCHIST CLASTS IN PERMAFROST,	10	46.9	631	13.2	6
A	64638	SOIL	14/07/2000	8400	10500	547670.9987	7040994.99583	QTZ-CHORITE SERICITE SCHIST CLASTS, NO B-HORIZON	13.9	98.1	230	65.2	24
A	64639	SOIL	14/07/2000	8400	10600	547770.9961	7040997.00543	CLAST OF MEDIUM GRAINED SERICITIC QUARTZITE	25.8	135	1431	312	17
A	64640	SOIL	14/07/2000	8400	10700	547871.0017	7040999.00502	VERY ROCKY, SERICITE SCHIST	12.3	116	219	152	7
A	64641	SOIL	14/07/2000	8400	10800	547970.9990	7041001.00461	SERICITE-BOITITE- QTZ SCHIST	13.8	61.8	148	133.2	16
A	64642	SOIL	14/07/2000	8400	10285	547317	7040938	TEN MILE CREEK	21.3	72.3	101	124.5	6
A	76560	SOIL	14/07/2000	8300	10000	547177.2623	7040889.82724	QUARTZITES	18.5	99.4	248	208.5	20
A	76561	SOIL	14/07/2000	8200	10000	547175.003	7040785.99838		17.8	110.9	406	169.2	10
A	76562	SOIL	14/07/2000	8100	10000	547176.7511	7040703.37519		15.6	103.2	184	94.7	7
A	76563	SOIL	14/07/2000	8000	10000	547179.0022	7040585.99908	PERMAFROST AREA, CLAYISH BITS OF QUARTZITE	11.7	127.3	338	93.4	12
A	76564	SOIL	14/07/2000	7900	10000	547179.7443	7040492.0882	PERMAFROST AREA, SAMPLE IS MIX OF SAND, CLAY, AND	28.8	89.8	306	196.5	6
A	76565	SOIL	14/07/2000	7800	10000	547182.0037	7040385.99979	PERMAFROST, SAMPLE FROM MUCK OUT OF LITTLE CREEK R	60.7	136.3	1676	895.9	28
A	76566	SOIL	14/07/2000	7700	10000	547181.6409	7040290.6792	ROCKS (QUARTZITES) AND ORGANICS	24.3	33	289	71	3
A	76567	SOIL	14/07/2000	7600	10000	547190.7525	7040186.28045	VERY ROCKY, QUARTZITES AND QUARTZ	49.7	83.1	90	82.5	6
A	76568	SOIL	14/07/2000	7500	10000	547191.9812	7040080.372	ROCKY, QUARTZITES	21.6	67.6	66	54.9	2
A	76569	SOIL	14/07/2000	7400	10000	547190.0021	7039986.00121	CLAYISH, BITS OF QUARTZITE	12.2	62.7	152	18.3	5
A	76570	SOIL	14/07/2000	7400	10100	547289.9995	7039988.00081	CLAYISH, BITS OF QUARTZITE	7.9	58	95	12.3	4
A	76571	SOIL	14/07/2000	7400	10200	547389.9969	7039989.0006	CLAYISH	21.7	97.7	140	34.2	14
A	76572	SOIL	14/07/2000	7400	10300	547490.0025	7039991.00019	QUARTZITES	9.1	60.4	128	5.5	3
A	76573	SOIL	14/07/2000	7400	10400	547589.9998	7039992.99979		7.2	76.7	115	5.9	1
A	76574	SOIL	14/07/2000	7400	10500	547689.9972	7039994.99938	APHIBOLITE CHIPS AND QUARTZITES	13.7	56.8	104	6	2
A	76575	SOIL	14/07/2000	7400	10600	547790.0028	7039996.99897	TALUS BOULDER OF QUARTZITE	14.6	69.5	92	7.7	6
A	76576	SOIL	14/07/2000	7400	10700	547890.0001	7039998.99857	CLOSE TO BEDROCK-QUARTZITE	27.2	63.6	166	13.9	4
A	71816	SOIL	23/07/1999	0	0	548980.0018	7042045.00211	MOST MTL HERE GRAPHIC SCHIST	25.5	89.8	948	112.5	2
A	71817	SOIL	23/07/1999	0	0	548980.0018	7042124.99583	NEARING GULLEY ON VALLEY WALL	94.3	410.9	1640	247.9	11
A	71818	SOIL	23/07/1999	0	0	548974.9966	7042209.99852		21	66.3	416	112	7
A	71872	SOIL	23/07/1999	0	0	548974.9966	7042295.00122		15.4	105.8	271	144.8	2
A	71873	SOIL	23/07/1999	0	0	548910.0028	7042449.99967	NO 105+00 SAMPLE	24.9	156	370	1208.9	20
A	71874	SOIL	23/07/1999	0	0	548809.9972	7042495.00051	ROUNDED RIDGE	16.6	33.1	273	105	9
A	74739	SOIL	23/07/1999	0	0	548509.9969	7041229.998	RHYOLITIC CLASTS	56.6	104.3	863	44.8	3
A	74740	SOIL	23/07/1999	0	0	548460.0023	7041300.00375	SMALL SCHIST CHIPS	14.3	96.7	382	46.3	1
A	74741	SOIL	23/07/1999	0	0	548424.9987	7041390.00543	QTZ CHLORITE SCHIST CHIPS	16.9	83.6	136	100.1	6
A	74742	SOIL	23/07/1999	0	0	548369.999	7041474.99813	ORTHOGNEISS CLASTS	14.2	87.4	181	174.3	5
A	74743	SOIL	23/07/1999	0	0	548329.9984	7041574.99778	ORTHOGNEISS CLASTS	14.5	80.6	125	38.3	3
A	74744	SOIL	23/07/1999	0	0	548295.003	7041679.9964	MUSCOVITE QTZ SCHIST CLASTS	13.4	102.7	455	153.7	14
A	74745	SOIL	23/07/1999	0	0	548219.9988	7041750.00216	ORTHOGNEISS (VERY CHLORITIC) CLASTS	20.2	85.5	213	120.1	8
A	74746	SOIL	23/07/1999	0	0	548169.996	7041859.99977	QTZ MUSCOVITE SCHIST OR GRANITIC ORTHOGNEISS	7.4	56.6	26	27.1	1
A	74747	SOIL	23/07/1999	0	0	548204.9996	7041959.99941	CHLORITE BIOTITE SCHIST CLASTS	4.2	82.3	37	16.6	1
A	74748	SOIL	23/07/1999	0	0	548310.0022	7042024.99618		5	27.8	31	6.8	0
A	71819	SOIL	22/07/1999	10000	10100	547040.002	7042532.00298	FEW QTZ COBBLES/PEBBLES	17.6	71.3	230	258.2	16
A	71820	SOIL	22/07/1999	10000	10200	547139.9993	7042536.00217	LT BROWN SOIL	16.5	58.8	76	132.7	9

	GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A		71821	SOIL	22/07/1999	10000	10300	547239.9967	7042539.00156		18.1	59.6	298	367.5	21
A		71822	SOIL	22/07/1999	10000	10400	547340.0023	7042543.00074		12.9	89.7	132	754.1	13
A		71823	SOIL	22/07/1999	10000	10500	547439.9997	7042546.00013	QTZ & GRANITE FRAGS	11.5	52.9	113	112	9
A		71824	SOIL	22/07/1999	10000	10600	547538.9993	7042549.99932	BENEATH THE ROOTS, QTZ FRAGS	11.3	55.9	354	343.4	16
A		71825	SOIL	22/07/1999	10000	10700	547638.9966	7042552.99871	ROUNDING RIDGE 11 TO SLOPE	18.5	56.8	108	72.6	13
A		71826	SOIL	22/07/1999	10000	10800	547739.0022	7042556.99789	BROWNISH ORANGE, VERY DIFFERENT COLOUR SINCE LAST	13.3	61.9	47	41.2	2
A		71827	SOIL	22/07/1999	10000	10900	547838.9996	7042559.99728	TAN COLOUR	10.5	43.2	48	33.1	2
A		71828	SOIL	22/07/1999	10000	11000	547938.9969	7042563.99647	ORANGE BROWN SOIL	19.3	67.5	57	131.9	9
A		71832	SOIL	22/07/1999	10000	9900	546839.9990	7042525.00441		36.7	208.4	48	268.9	3
A		71833	SOIL	22/07/1999	10000	9800	546740.0017	7042522.00502		19.7	49.6	170	1334.1	20
A		71834	SOIL	22/07/1999	10000	9700	546639.9961	7042519.00563		11.6	58.8	203	795.1	42
A		71835	SOIL	22/07/1999	10000	9600	546539.9987	7042514.99644		11.6	64.4	73	343.8	10
A		71836	SOIL	22/07/1999	10000	9500	546440.9991	7042511.99705		9.1	45.1	59	22.5	3
A		71837	SOIL	22/07/1999	10000	9400	546341.0018	7042508.99766		7.4	38.8	75	23.6	6
A		71838	SOIL	22/07/1999	10000	9300	546240.9962	7042504.99848		7.9	37.9	86	19.7	3
A		71839	SOIL	22/07/1999	10000	9200	546140.9988	7042501.99909		7.9	43.5	69	12	3
A		71840	SOIL	22/07/1999	10000	9100	546041.0015	7042497.9999		9.7	48.8	51	17.7	5
A		71841	SOIL	22/07/1999	10000	9000	545941.0041	7042495.00051	END OF LINE	9.1	37.2	58	15.4	2
A		71863	SOIL	22/07/1999	9600	10100	547055.0012	7042133.0042	MICACEOUS	9.6	66.6	82	193.8	12
A		71864	SOIL	22/07/1999	9600	10200	547154.9985	7042136.00359	MICACEOUS	31.7	107.9	328	556.8	11
A		71865	SOIL	22/07/1999	9600	10300	547256.0019	7042139.00298	ORTHOGNEISS FRAGS	13.1	68.1	107	417.4	14
A		71866	SOIL	22/07/1999	9600	10400	547355.9992	7042143.00216		12.3	70.7	55	334.8	18
A		71867	SOIL	22/07/1999	9600	10500	547457.0026	7042146.00155	MICACEOUS	21.3	79.9	98	206.1	9
A		71868	SOIL	22/07/1999	9600	10600	547556.9999	7042150.00074	PASSED CLAIM LINE AT 105+20	16.8	60.2	76	59.7	5
A		71869	SOIL	22/07/1999	9600	10700	547658.0033	7042153.00013	FRAGS OF RUSTY ORTHOGNEISS	17.3	69	65	242.3	13
A		71870	SOIL	22/07/1999	9600	10800	547758.0006	7042156.99931	PASSED SOIL CONTOUR AT 107+75	42.2	169.3	233	38.4	3
A		71871	SOIL	22/07/1999	9600	10900	547859.004	7042159.9987	PERMAFROST, MUSCOVITE SCHIST FRAGS	72	79.3	233	67.4	4
A		74726	SOIL	22/07/1999	9800	9780	546747.0024	7042321.99573	QTZ MUSCOVITE, SCHIST CLASTS	11.7	102.4	166	148.3	7
A		74727	SOIL	22/07/1999	9800	9700	546646.9968	7042318.99634	QTZ CHIPS	9.6	89.5	74	270	11
A		74728	SOIL	22/07/1999	9800	9600	546546.9995	7042315.99695	JUST ABOVE PERMAFROST	9.1	87.2	148	233.8	9
A		74729	SOIL	22/07/1999	9800	9500	546447.0021	7042311.99776	SERICITE QTZ SCHIST CLASTS	4.2	63.8	11	9.8	2
A		74730	SOIL	22/07/1999	9800	9400	546346.9965	7042308.99837	QTZ CHIPS & SILICIFIED GRAPHITIC SCHIST	6	64.2	85	74.8	3
A		74731	SOIL	22/07/1999	9800	9300	546247.9969	7042305.99898	BULL QTZ WITH MUSCOVITE, SCHIST IN THICK ORG. LAY	3.2	14.4	123	65.6	19
A		74732	SOIL	22/07/1999	9800	9200	546147.9995	7042301.9998	GRANITIC CLASTS	9.1	44.1	115	350.5	34
A		74733	SOIL	22/07/1999	9800	9100	546048.0022	7042299.00041	GRAPHITIC QTZ SCHIST CLASTS	9.9	84.2	196	911.9	23
A		74734	SOIL	22/07/1999	9800	9000	545947.9966	7042295.00122	GRAPHITIC SCHIST	10.4	64	59	543.1	22
A		74735	SOIL	22/07/1999	9800	8900	545847.9992	7042292.00183	GRANITIC CLASTS	11.3	32.2	321	468.3	27
A		74736	SOIL	22/07/1999	9800	8800	545748.0019	7042289.00244	SILICIFIED QTZ SCHIST CLASTS	11.3	33.1	67	368.6	24
A		74737	SOIL	22/07/1999	9800	8700	545647.9963	7042285.00326	GRANITIC CLASTS	24.5	35.2	505	205.9	21
A		74738	SOIL	22/07/1999	9800	8600	545547.9989	7042282.00387	GRANITIC & SCHIST CHIPS	83.7	82.9	279	121.5	12
A		71809	SOIL	21/07/1999	9800	10100	547047.0027	7042332.00369	MICACEOUS, MANY MUSCOVITE CHLORITE SCHIST FRAGS	31.5	129.5	358	109.4	5
A		71810	SOIL	21/07/1999	9800	10200	547147.9978	7042336.00288	MANY SCHIST FRAGS, SOME QTZ & ORTHOGNEISS	18.5	85.1	432	476.4	16
A		71811	SOIL	21/07/1999	9800	10300	547248.0034	7042339.00227	MICACEOUS	32.8	94.7	301	517.4	15
A		71812	SOIL	21/07/1999	9800	10400	547348.0008	7042343.00145	MICACEOUS	67.2	153.1	350	467.2	16
A		71813	SOIL	21/07/1999	9800	10500	547447.9981	7042346.00084	5 M FROMCREEK, GRAVEL	34.3	113.3	249	383.4	9
A		71814	SOIL	21/07/1999	9800	10600	547549.0015	7042350.00003	PASSED CREEK AT 105+30	18.8	89.2	130	262.2	9
A		71815	SOIL	21/07/1999	9800	10700	547648.9988	7042352.99942		12.7	72.8	144	300.1	15
A		71829	SOIL	21/07/1999	9200	10700	547652.0003	7041755.00114	FROZEN	10.1	52.6	80	127.9	5
A		71830	SOIL	21/07/1999	9200	10800	547750.0022	7041758.00053	FROZEN	10.6	61.2	68	81.6	9
A		71831	SOIL	21/07/1999	9200	10900	547848.0040	7041761.99971	FROZEN	13.7	87.4	95	30.8	5
A		74594	SOIL	21/07/1999	9200	10100	547066.0011	7041733.00561		15.1	65.2	64	512.7	22
A		74595	SOIL	21/07/1999	9200	10200	547164.003	7041737.0048		38.2	76.7	103	281.9	12

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	74596	SOIL	21/07/1999	9200	10300	547260.9989	7041740.00419		10.9	73.9	62	238	10
A	74597	SOIL	21/07/1999	9200	10400	547359.0007	7041744.00338	FROZEN	9	59.9	47	128.2	7
A	74598	SOIL	21/07/1999	9200	10500	547457.0026	7041748.00256	FROZEN	10.6	56.4	94	145.6	9
A	74599	SOIL	21/07/1999	9200	10600	547554.9962	7041751.00195	FROZEN	8.4	52.2	63	101.6	5
A	74716	SOIL	21/07/1999	9400	10100	547060.9959	7041933.00491	CHIPS OF GRAPHITIC SCHIST	12.6	87.8	114	2147.3	44
A	74717	SOIL	21/07/1999	9400	10200	547161.0015	7041936.00429		20	66.6	114	732.1	15
A	74718	SOIL	21/07/1999	9400	10300	547260.0011	7041940.00348	GRANITIC CLASTS	22.4	34	303	147.6	9
A	74719	SOIL	21/07/1999	9400	10400	547359.9985	7041943.00287	MIX OF SCHIST & GRANITIC CHIPS	20.9	65	58	224.8	5
A	74720	SOIL	21/07/1999	9400	10500	547460.0041	7041947.00206	GRANITIC SCHIST CLASTS	26.1	102.4	197	142.8	3
A	74721	SOIL	21/07/1999	9400	10600	547560.0014	7041950.00145	GRANITIC SCHIST & QTZ CHIPS	19.7	61.5	240	132.6	3
A	74722	SOIL	21/07/1999	9400	10700	547659.0010	7041954.00063	BULL QTZ & QTZ SERICITE SCHIST CHIPS	16.1	67.5	56	92.3	6
A	74723	SOIL	21/07/1999	9400	10800	547758.9984	7041957.00002	CHLORITE SCHIST & QUARTZ CLASTS	51.9	170	69	41.2	3
A	74724	SOIL	21/07/1999	9400	10900	547859.004	7041960.99921	CHIPS OF GRAPHITIC QTZ-SCHIST	19.7	76.6	101	28.3	2
A	74725	SOIL	21/07/1999	9800	9900	546846.9998	7042326.00491	MOSTLY ORGANICS, SOME MINERAL ABOVE PERMAFROST	40.6	163.4	225	30.7	4
A	71800	SOIL	20/07/1999	9400	9000	545961.0003	7041895.00264		10.5	56.4	303	500.1	18
A	71801	SOIL	20/07/1999	9400	8900	545861.0029	7041891.00345	SCHIST CHLORITE GPT FRAGS IN ORGANIC RICH SOIL	9.2	54.6	362	311.1	12
A	71802	SOIL	20/07/1999	9400	8800	545760.9973	7041888.00407	CROSS CREEK AT 88+50	16.4	56.7	171	54.5	10
A	71803	SOIL	20/07/1999	9400	8700	545661	7041884.00488	ORGANIC RICH CLAY	30.7	45.6	305	84.6	15
A	71804	SOIL	20/07/1999	9400	8600	545561.0026	7041881.00549	SANDY SOIL	51.3	80.5	288	182.4	9
A	71805	SOIL	20/07/1999	9400	8500	545460.9970	7041876.99631	FROM TREE ROOT SYSTEM	20	58.3	474	30.1	18
A	71806	SOIL	20/07/1999	9400	8400	545360.9997	7041873.99692	NEARING RIDGE TOP	12.2	50.4	252	90.4	151
A	71807	SOIL	20/07/1999	9400	8300	545261.0023	7041869.99773	SEVERAL ANGULAR QTZ PEBBLES	11.9	36.8	110	16.8	10
A	71808	SOIL	20/07/1999	9400	8200	545160.9967	7041866.99834	HIT RIDGE TOP AT 82+30E	13.7	38.1	191	8.8	3
A	74568	SOIL	20/07/1999	9200	9900	546868.0019	7041725.99704		25.9	88.8	169	753.5	16
A	74569	SOIL	20/07/1999	9200	9800	546767.9963	7041722.99765		41	167.2	369	1262.6	32
A	74570	SOIL	20/07/1999	9200	9700	546668.9967	7041718.99847		20.7	114.6	502	179.2	4
A	74571	SOIL	20/07/1999	9200	9600	546568.9994	7041715.99908		10.5	110.6	74	109.5	4
A	74572	SOIL	20/07/1999	9200	9500	546469.0020	7041711.99989		18.4	174.7	233	2490.3	9
A	74573	SOIL	20/07/1999	9200	9400	546368.9964	7041709.0005		5.8	55.7	148	149.2	3
A	74574	SOIL	20/07/1999	9200	9300	546268.9991	7041705.00131		15	138	304	568.9	18
A	74575	SOIL	20/07/1999	9200	9200	546169.0017	7041702.00193		13.2	121.1	219	267.2	9
A	74576	SOIL	20/07/1999	9200	9100	546070.0021	7041698.00274	FROZEN	12.3	101.8	326	358.7	10
A	74577	SOIL	20/07/1999	9200	9000	545969.9965	7041695.00335		8.7	49.6	368	222.7	11
A	74578	SOIL	20/07/1999	9200	8880	545869.9991	7041691.00416	FROZEN	8.9	50.8	319	51.8	13
A	74579	SOIL	20/07/1999	9200	8800	545770.0018	7041688.00477	FROZEN	9.8	60.3	288	76.1	8
A	74580	SOIL	20/07/1999	9200	8700	545669.9962	7041684.00559		6.7	40.9	311	107.4	8
A	74581	SOIL	20/07/1999	9200	8600	545569.9988	7041680.9962		42.3	93	237	80.4	4
A	74582	SOIL	20/07/1999	9200	8500	545470.9992	7041676.99702	FROZEN	28.5	87.1	132	72.7	2
A	74583	SOIL	20/07/1999	9200	8400	545371.0019	7041673.99763	FROZEN	22.5	63.3	438	36.5	4
A	74584	SOIL	20/07/1999	9200	8300	545270.9963	7041669.99844		25	76.9	24	22.9	3
A	74585	SOIL	20/07/1999	9200	8200	545170.9989	7041666.99905	END OF LINE	32	39	159	4.6	1
A	74586	SOIL	20/07/1999	9000	10100	547074.9974	7041532.99633	NEW LINE	22.3	80.9	168	290.7	12
A	74587	SOIL	20/07/1999	9000	10200	547175.003	7041537.00551		24.6	69.3	45	218.3	5
A	74588	SOIL	20/07/1999	9000	10300	547275.0003	7041540.0049		18.3	69.5	95	268.6	8
A	74589	SOIL	20/07/1999	9000	10400	547374.9977	7041544.00409		24.7	84.7	96	268.3	6
A	74590	SOIL	20/07/1999	9000	10500	547475.0033	7041547.00347		21.1	73.3	123	138.2	7
A	74591	SOIL	20/07/1999	9000	10600	547575.0006	7041551.00266		144.5	250.1	176	154.4	6
A	74592	SOIL	20/07/1999	9000	10700	547674.998	7041554.00205		30.9	120.6	405	180.3	5
A	74593	SOIL	20/07/1999	9000	10800	547775.0036	7041558.00124	END OF LINE	58.2	153.8	233	66.1	1
A	74691	SOIL	20/07/1999	9400	9900	546861.0012	7041925.99633	ORANGY TAN, SEVERAL QTZ PEBBLES, COBBLES	17.8	56.2	45	267.1	5
A	74692	SOIL	20/07/1999	9400	9800	546761.0039	7041921.99715	JUST ABOUT TO RIDGE CREST	13.9	42.5	70	67.5	2
A	74693	SOIL	20/07/1999	9400	9700	546660.9983	7041918.99776	SOIL AT BASE OF TREE ROOTS	28.6	81	188	223.7	8

	GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A		74694	SOIL	20/07/1999	9400	9600	546561.0009	7041914.99857	GRAPHITE SCHIST TALUS	18.3	151.3	199	464.7	12
A		74695	SOIL	20/07/1999	9400	9500	546461.0035	7041911.99918	PERMAFROST ATOP OF PEAT BUT SOME ROCK TOO	16.6	111	626	177	10
A		74696	SOIL	20/07/1999	9400	9400	546360.9979	7041908.99979	PERMAFROST, SOME MINERAL	6.3	25.7	384	141.4	6
A		74697	SOIL	20/07/1999	9400	9300	546261.0006	7041905.00061	JUST ABOUT TO HIT 2ND RIDGE CREST	18.3	107.7	223	643.7	20
A		74698	SOIL	20/07/1999	9400	9200	546161.0032	7041902.00122	PAST RIDGE CREST @ 92+50	17.9	123.7	676	362.5	23
A		74699	SOIL	20/07/1999	9400	9100	546060.9976	7041898.00203		11.4	103.8	469	442.8	27
A		74702	SOIL	20/07/1999	9600	9700	546653.9975	7042118.99705	ORTHOGNEISS CHIPS	8.5	85.2	51	448	10
A		74703	SOIL	20/07/1999	9600	9600	546554.0002	7042115.99766	PERMAFRST BELOW, MOSS	10.2	88	451	172.7	15
A		74704	SOIL	20/07/1999	9600	9500	546454.0028	7042111.99847	GRAPHITIC SCHIST CHIPS	24.9	121.8	362	300.7	6
A		74705	SOIL	20/07/1999	9600	9400	546353.9972	7042108.99908	QTZ SERICITE SCHIST CLASTS	9.7	124.3	187	664.7	20
A		74706	SOIL	20/07/1999	9600	9300	546253.9999	7042104.9999	RUSTY CLASTS OF QTZ SERICITE SCHIST	19.9	109.3	621	495.3	55
A		74707	SOIL	20/07/1999	9600	9200	546155.0003	7042102.00051	CLASTS OF CHLORITE QTZ SCHIST	14.2	135.9	270	1118.9	15
A		74708	SOIL	20/07/1999	9600	9100	546055.0029	7042099.00112	ORGANIC RICH SOIL WITH SCHIST CLASTS ABOVE PERMAFS	10.2	83.3	844	294.9	18
A		74709	SOIL	20/07/1999	9600	9000	545954.9973	7042095.00193	WHITE QTZ & SCHIST CLASTS IN ORGANIC RICH SOIL	13.6	65.3	261	394.7	41
A		74710	SOIL	20/07/1999	9600	8900	545855	7042092.00254	SILICIFIED GRANITIC CLASTS	22.1	53.1	348	136.6	21
A		74711	SOIL	20/07/1999	9600	8800	545755.0026	7042089.00315	QTZ CHIPS IN PERMAFROST	26.6	76.5	727	125.8	615
A		74712	SOIL	20/07/1999	9600	8700	545654.997	7042085.00397	GRAPHITIC QTZ SCHIST CHIPS	39.2	69.2	449	270.2	140
A		74713	SOIL	20/07/1999	9600	8600	545554.9996	7042082.00458	QTZ CHIPS	63.2	77.4	591	170.2	106
A		74714	SOIL	20/07/1999	9600	8500	545455.0023	7042078.00539	30 CM DEEP ORGANIC LAYER	109.1	113.6	1417	185.3	144
A		74715	SOIL	20/07/1999	9600	8400	545354.9967	7042074.996	GRANITIC CLASTS	60.6	53.5	678	51.3	64
A		73776	SOIL	18/07/1999	8600	9900	546889.0041	7041126.99897	CHIPS OF SERICITE QUARTZ SCHIST	14.4	64.2	110	224.6	13
A		73777	SOIL	18/07/1999	8600	9800	546788.9985	7041122.99978	SERICITE,CHLORITE SCHIST	13	90.6	200	222.9	25
A		73778	SOIL	18/07/1999	8600	9700	546689.0011	7041120.00039	QUARTZ CHLORITE SCHIST	14.3	122.6	383	231.1	13
A		73779	SOIL	18/07/1999	8600	9600	546589.0038	7041116.0012	QUARTZ CHLORITE SCHIST	14.5	72.9	326	134	7
A		73780	SOIL	18/07/1999	8600	9500	546488.9982	7041113.00181		14.2	79	170	109.2	4
A		73781	SOIL	18/07/1999	8600	9400	546389.0008	7041109.00263	QUARTZ CHLORITE SCHIST	13.1	62.1	134	135.7	5
A		73782	SOIL	18/07/1999	8600	9300	546289.0035	7041106.00324	QUARTZ CHLORITE SCHIST	11.2	60.8	66	215.2	4
A		73783	SOIL	18/07/1999	8600	9200	546188.9979	7041102.00405	ORTHOGNEISS FRAGMENTS	16.5	50.8	60	73.1	5
A		73784	SOIL	18/07/1999	8600	9100	546089.0005	7041099.00466	CHIPS OF SERICITE QUARTZ SCHIST	88.2	51.9	24	13	3
A		73785	SOIL	18/07/1999	8600	9000	545987.9972	7041096.00527	LINE AT L86N 88+50E. HELI PAD AT 86N, 87+50E	27.4	82.8	30	122.6	9
A		73786	SOIL	18/07/1999	8600	8900	545887.9998	7041091.99609	GRANITIC CHIPS	11.9	58	230	17.9	3
A		73787	SOIL	18/07/1999	8600	8800	545788.0025	7041088.9967	QUARTZ&GRANITE CHIPS	14	47.8	115	15.4	3
A		73788	SOIL	18/07/1999	8600	8700	545687.9969	7041084.99751		8.8	59.3	32	12.8	3
A		73789	SOIL	18/07/1999	8600	8600	545587.9995	7041081.99813	GRANITE CLASTS	10.3	59	161	24.8	4
A		73790	SOIL	18/07/1999	8600	8500	545488.0022	7041077.99894		16.1	73.9	271	38.8	3
A		73791	SOIL	18/07/1999	8600	8400	545387.9966	7041074.99955	CHIPS OF SERICITE QUARTZ SCHIST	15.2	75.8	347	75.5	3
A		73792	SOIL	18/07/1999	8600	8300	545287.9992	7041071.00036		20.3	75.6	157	34.6	5
A		73793	SOIL	18/07/1999	8600	8200	545188.0019	7041068.00097	ORTHOGNEISS&VUGGY QUARTZ	12	60.4	156	6.7	1
A		74551	SOIL	18/07/1999	9000	9900	546868.9997	7041525.99775		8.6	30.6	113	21.1	2
A		74552	SOIL	18/07/1999	9000	9800	546763.9971	7041522.99836		31.7	86.1	110	631.6	13
A		74553	SOIL	18/07/1999	9000	9700	546657.9968	7041518.99918		22.1	166.9	465	416.8	9
A		74554	SOIL	18/07/1999	9000	9600	546551.9964	7041515.99979		13.8	104.7	321	385.6	5
A		74555	SOIL	18/07/1999	9000	9500	546445.9961	7041512.0006		11.1	45.4	535	71.9	2
A		74556	SOIL	18/07/1999	9000	9400	546341.0018	7041509.00121		14.9	66.2	261	186.6	1
A		74557	SOIL	18/07/1999	9000	9300	546235.0014	7041505.00202		11.4	66.1	75	377.6	6
A		74558	SOIL	18/07/1999	9000	9200	546129.0011	7041502.00263		14.7	71.9	191	344.8	11
A		74559	SOIL	18/07/1999	9000	9100	546023.9985	7041498.00345		13	100	114	589.7	8
A		74560	SOIL	18/07/1999	9000	9000	545917.9982	7041495.00406		14.5	92.6	48	98.5	3
A		74561	SOIL	18/07/1999	9000	8890	545811.9979	7041491.00487		13.7	121.4	232	126.6	1
A		74562	SOIL	18/07/1999	9000	8700	545707.0035	7041488.00548		17	78	269	99.3	12
A		74563	SOIL	18/07/1999	9000	8600	545601.0032	7041483.9963		26.2	111.6	256	61.8	8
A		74564	SOIL	18/07/1999	9000	8500	545495.0029	7041480.99691		24.3	86.5	533	79.2	6

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	74565	SOIL	18/07/1999	9000	8400	545389.0026	7041476.99772		24.5	98.8	272	43.9	7
A	74566	SOIL	18/07/1999	9000	8300	545284	7041473.99833		2.2	35.6	3	1.4	0
A	74567	SOIL	18/07/1999	9000	8200	545177.9996	7041469.99915		18	66.2	36	9.9	1
A	74673	SOIL	18/07/1999	8800	9900	546882.0034	7041325.99846	ORTHOGNEISS (GRANITIC) FRAGMENT	11.7	72.7	85	170.6	17
A	74674	SOIL	18/07/1999	8800	9800	546781.9978	7041322.99907	SCHIST FRAGS	9.9	72.7	46	153.7	4
A	74675	SOIL	18/07/1999	8800	9700	546682.0004	7041318.99988		14.3	87.9	122	302.2	12
A	74676	SOIL	18/07/1999	8800	9600	546582.0031	7041316.00049	GRAPHITIC CHLORITE SCHIST	11.9	191.4	547	111.9	1
A	74677	SOIL	18/07/1999	8800	9500	546481.9975	7041312.00131		41.7	114.1	382	474.8	18
A	74678	SOIL	18/07/1999	8800	9400	546382.0001	7041309.00192	VERY THIN SOIL ATOP A GRAPHITIC QTZITE	15.1	50.4	564	139.3	5
A	74679	SOIL	18/07/1999	8800	9300	546282.0028	7041305.00273	MORE QTZITE @ SURFACE	8.4	49.3	204	56.9	0
A	74680	SOIL	18/07/1999	8800	9200	546181.9972	7041301.00355	TOPO FLATTENING OUT	5.8	23.6	469	39.6	1
A	74681	SOIL	18/07/1999	8800	9100	546082.9976	7041298.00416	CROSSED 30M SHORT OF RIDGE CREST	16	54.3	25	114.1	11
A	74682	SOIL	18/07/1999	8800	9000	545983.0002	7041294.00497	ORANGISH BROWN SANDY SILT	14.1	61.5	34	115.1	8
A	74683	SOIL	18/07/1999	8800	8900	545883.0028	7041291.00558	DROPPING INTO BASIN	14.9	70	220	96.6	17
A	74684	SOIL	18/07/1999	8800	8800	545782.9972	7041286.9964	PERMAFRST, MUCH ORGANIC	13.9	93.2	262	101.5	6
A	74685	SOIL	18/07/1999	8800	8700	545682.9999	7041283.99701	PERMAFROST, SOME PEBBLES	18.1	99.9	386	19.1	5
A	74686	SOIL	18/07/1999	8800	8600	545583.0025	7041279.99782	GRAVELLY PEAT, FEW FINES AT L88N.CROSSED CLAIM LIN	24.9	99.3	625	47.3	13
A	74687	SOIL	18/07/1999	8800	8500	545482.9969	7041276.99843	NEAR RIDGE CREST	30.5	137.1	46	93.2	4
A	74688	SOIL	18/07/1999	8800	8400	545382.9996	7041272.99925	SILICEOUS PEBBLES (ANGULAR, SEV.RUSTED FRACTURES	25.7	93.7	184	82.8	6
A	74689	SOIL	18/07/1999	8800	8300	545283.0022	7041269.99986	MOSTLY QTZ FRAGS IN SOIL	19.4	57.6	124	102.8	1
A	74690	SOIL	18/07/1999	8800	8200	545182.9966	7041266.00067		10.4	59.8	127	14.9	0
A	73770	SOIL	17/07/1999	8700	10000	546986	7041229.998	CHIPS OF SERICITE QUARTZ SCHIST	5.7	67.2	64	163.9	40
A	73771	SOIL	17/07/1999	8600	10000	546989.0014	7041129.99836		4.3	41	38	55.1	3
A	73772	SOIL	17/07/1999	8600	10100	547088.9988	7041133.99754		9.3	83.8	66	136.9	10
A	73773	SOIL	17/07/1999	8600	10200	547190.0021	7041136.99693		20.1	58.5	26	158.8	3
A	73774	SOIL	17/07/1999	8600	10300	547289.9995	7041140.99612		40.9	47.5	15	438	3
A	73775	SOIL	17/07/1999	8600	10400	547389.9969	7041144.0055	CREEK AT 104+07E. MAIN CREEK AT 104+80E	17.1	122.4	47	10.6	1
A	74527	SOIL	17/07/1999	10200	9200	546135.0041	7042699.99879	EOL	10.4	47.1	117	16.3	9
A	74528	SOIL	17/07/1999	10200	9300	546235.0014	7042703.99797		11.3	51.5	58	11.9	3
A	74529	SOIL	17/07/1999	10200	9400	546334.9988	7042706.99736		16.3	60.4	188	23.9	7
A	74530	SOIL	17/07/1999	10200	9500	546433.9984	7042710.99655		19	56.4	132	46.6	10
A	74531	SOIL	17/07/1999	10200	9600	546534.004	7042713.99594		13.1	66.6	219	22.6	10
A	74532	SOIL	17/07/1999	10200	9700	546634.0014	7042718.00512		13.8	50.8	121	143.7	21
A	74533	SOIL	17/07/1999	10200	9800	546733.9987	7042722.00431		17.4	68.8	189	457	61
A	74534	SOIL	17/07/1999	10200	9900	546832.9983	7042725.0037		26.2	93	236	806.2	31
A	74535	SOIL	17/07/1999	10200	10100	547033.0013	7042732.00227		16.3	100.4	350	414.3	9
A	74536	SOIL	17/07/1999	10200	10200	547132.9986	7042736.00146		17	68.2	157	73.1	9
A	74537	SOIL	17/07/1999	10200	10300	547232.996	7042739.00085		18.9	122.9	464	336	17
A	74538	SOIL	17/07/1999	10200	10400	547333.0016	7042743.00003		12.3	50.1	200	167	9
A	74539	SOIL	17/07/1999	10200	10500	547432.0012	7042745.99942		9.9	55.4	84	59.9	1
A	74540	SOIL	17/07/1999	10200	10600	547531.9985	7042748.99881		15.5	57	101	66.1	11
A	74541	SOIL	17/07/1999	10200	10700	547631.9959	7042752.998		9.6	49.6	86	30.3	1
A	74542	SOIL	17/07/1999	10200	10800	547732.0015	7042755.99739		14.8	63.9	64	32.2	3
A	74543	SOIL	17/07/1999	10200	10900	547831.9988	7042759.99657		14.3	63.2	123	84.3	5
A	74544	SOIL	17/07/1999	10200	11000	547931.9962	7042762.99596		10	68	57	13.1	3
A	74545	SOIL	17/07/1999	10200	11100	548032.0018	7042767.00515		12.2	56.5	72	117.5	4
A	74546	SOIL	17/07/1999	10200	11200	548131.9992	7042770.00454		16.1	59	29	124.5	4
A	74547	SOIL	17/07/1999	10200	11300	548230.9988	7042774.00372		22.1	74.8	115	76.2	10
A	74548	SOIL	17/07/1999	10200	11400	548330.9961	7042777.00311		12.2	64.7	61	68.8	6
A	74549	SOIL	17/07/1999	10200	11500	548431.0017	7042781.0023		11.1	70	81	19.4	4
A	74550	SOIL	17/07/1999	10200	11600	548530.9991	7042784.00169		9.1	60.1	49	15.5	3
A	74655	SOIL	17/07/1999	9900	10000	546944.0039	7042429.00395	PERMAFROST,PEAT,CLAY	29.3	124.6	575	204.7	10

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	74656	SOIL	17/07/1999	9800	10000	546946.9971	7042329.0043	PERMAFROST, CLAYEY WITH PEBBLES	14	72.5	466	72.8	7
A	74657	SOIL	17/07/1999	9700	10000	546950.9964	7042229.00466	LIMONITIC ORTHOGNEISS	13.1	116.1	147	517.2	33
A	74658	SOIL	17/07/1999	9600	10000	546953.9978	7042129.00501	MOSTLY SCHIST FRAGMENTS	7.2	81.7	29	262.3	8
A	74659	SOIL	17/07/1999	9500	10000	546957.9971	7042029.00536		54.6	119.5	82	948.4	39
A	74660	SOIL	17/07/1999	9400	10000	546960.9986	7041928.99572		8.8	51.6	79	615.8	12
A	74661	SOIL	17/07/1999	9300	10000	546964.9978	7041828.99608	GOOD B HORIZON	10.6	70.1	113	305.1	10
A	74662	SOIL	17/07/1999	9200	10000	546967.9993	7041729.99623	PEBBLY SILT	11.6	74.7	354	281.9	12
A	74663	SOIL	17/07/1999	9100	10000	546971.9985	7041629.99658		11.4	89.5	83	578.1	11
A	74664	SOIL	17/07/1999	9000	10000	546975	7041529.99694		16	77.9	101	107.8	4
A	74665	SOIL	17/07/1999	8900	10000	546978.9992	7041429.99729		17.1	48.2	185	60.3	3
A	74666	SOIL	17/07/1999	8800	10000	546982.0007	7041329.99765		13.1	90.8	56	259.2	5
A	74667	SOIL	17/07/1999	8800	10100	547083.0041	7041332.99704		21.6	66.8	119	248.5	7
A	74668	SOIL	17/07/1999	8800	10200	547183.0014	7041336.99622		78	206.7	142	219.5	2
A	74669	SOIL	17/07/1999	8800	10300	547283.9965	7041340.00561		26.5	88.6	82	329.1	7
A	74670	SOIL	17/07/1999	8800	10400	547384.0021	7041344.00479		85.7	220.1	130	451.7	8
A	74671	SOIL	17/07/1999	8800	10500	547484.9972	7041347.00418		25.4	95.1	497	269.2	10
A	74672	SOIL	17/07/1999	8800	10600	547585.0028	7041351.00337		63.6	341.9	734	132.4	7
A	73761	SOIL	16/07/1999	10600	10800	547718.0000	7043156.99577		11.3	30.3	106	12.2	4
A	73762	SOIL	16/07/1999	10600	10900	547817.9974	7043160.00515		10.7	61	103	19.7	10
A	73763	SOIL	16/07/1999	10600	11000	547918.003	7043164.00434	CLAIMLINE CROSSED AT L106N 110+20E	13.2	82.5	87	22.2	13
A	73764	SOIL	16/07/1999	10600	11100	548018.0004	7043167.00373		10.3	59.1	117	29.6	6
A	73765	SOIL	16/07/1999	10600	11200	548117.9977	7043171.00291		9.1	76.3	100	13	4
A	73766	SOIL	16/07/1999	10600	11300	548216.9973	7043174.0023		12	76.8	148	80.1	13
A	73767	SOIL	16/07/1999	10600	11400	548317.0029	7043178.00149		21.5	58.7	50	66.8	2
A	73768	SOIL	16/07/1999	10600	11500	548417.0003	7043181.00088		12.9	101.4	38	88.6	7
A	73769	SOIL	16/07/1999	10600	11600	548516.9976	7043185.00007		9.2	54.5	37	21.5	2
A	73979	SOIL	16/07/1999	10010	10000	546940	7042529		20.7	94	206	132.4	13
A	73981	SOIL	16/07/1999	10200	10000	546933.0039	7042729.00288		15.1	81.6	207	398.6	9
A	73982	SOIL	16/07/1999	10300	10000	546930	7042529		16	81.1	75	130.3	6
A	73983	SOIL	16/07/1999	10400	10000	546926.0032	7042929.00217		23.3	81.3	105	44.8	8
A	73984	SOIL	16/07/1999	10500	10000	546923	7043028		22.6	99	104	85.6	5
A	73985	SOIL	16/07/1999	10600	10000	546919	7043128		12	52.7	92	144.4	6
A	73986	SOIL	16/07/1999	10700	10000	546916	7043228		15.1	60.6	99	89.7	9
A	73987	SOIL	16/07/1999	10800	10000	546912.0018	7043328.00096		15	55.3	90	77.4	3
A	73988	SOIL	16/07/1999	10900	10000	546909	7043428		11.6	55.2	132	34	2
A	73989	SOIL	16/07/1999	10600	9600	546520.0026	7043113.00472	BLOCKS OF GRANITIC INTRUSIVE	9.9	99	45	16.9	2
A	73990	SOIL	16/07/1999	10600	9700	546619.9999	7043117.00391	BLOCKS OF GRANITIC INTRUSIVE	7.9	37.6	96	21.6	1
A	73991	SOIL	16/07/1999	10600	9800	546719.9973	7043121.00309	BLOCKS OF GRANITIC INTRUSIVE	10.4	55.8	65	57.3	3
A	73992	SOIL	16/07/1999	10600	9900	546818.9969	7043125.00228	INTRUSIVE CHIPS	13	63.1	164	77.8	3
A	73993	SOIL	16/07/1999	10600	10100	547018.9998	7043132.00085	INTRUSIVE CHIPS	18.2	196.3	122	58.6	8
A	73994	SOIL	16/07/1999	10600	10200	547118.9972	7043135.00024		17.4	73.3	147	27	7
A	73995	SOIL	16/07/1999	10600	10300	547219.0028	7043138.99943	INTRUSIVE CHIPS	346.2	370.7	191	19.8	40
A	73996	SOIL	16/07/1999	10600	10400	547319.0001	7043142.99861		17.3	103.9	75	10.7	4
A	73997	SOIL	16/07/1999	10600	10500	547417.9997	7043145.998		10	68.2	279	9.2	4
A	73998	SOIL	16/07/1999	10600	10600	547517.9971	7043149.99719	ENTERED BURN AT 106+20E	10.1	86.7	90	7.3	1
A	73999	SOIL	16/07/1999	10600	10700	547618.0027	7043152.99658	INTRUSIVE CHIPS	13.9	68	33	11.4	3
A	74505	SOIL	16/07/1999	10400	9400	546324.9966	7042906.99665	EOL	38.6	80.7	131	69.3	9
A	74506	SOIL	16/07/1999	10400	9500	546425.0022	7042910.99584		11.1	72.1	61	22.3	2
A	74507	SOIL	16/07/1999	10400	9600	546524.9995	7042914.00523		13.9	57.9	24	33.5	6
A	74508	SOIL	16/07/1999	10400	9700	546626.0029	7042918.00441		13.9	47.3	120	22.5	15
A	74509	SOIL	16/07/1999	10400	9800	546726.0002	7042921.0038		18.4	52.2	190	88.9	11
A	74510	SOIL	16/07/1999	10400	9920	546825.9976	7042925.00299		19.9	84.7	312	138.2	24

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A	74511	SOIL	16/07/1999	10400	10100	547026.0006	7042932.00156		21.1	79	74	106.3	5
A	74512	SOIL	16/07/1999	10400	10200	547125.9979	7042936.00075		20.8	63.9	62	171.1	3
A	74513	SOIL	16/07/1999	10400	10300	547226.0035	7042939.99993		14.2	54.1	66	68.7	3
A	74514	SOIL	16/07/1999	10400	10400	547326.0009	7042943.99912		18	73.6	130	61	5
A	74515	SOIL	16/07/1999	10400	10500	547425.0005	7042947.99831		14	58.5	132	184.7	43
A	74516	SOIL	16/07/1999	10400	10600	547524.9978	7042951.99749		12.2	46.1	85	50.2	3
A	74517	SOIL	16/07/1999	10400	10700	547625.0034	7042954.99688		11.4	44.8	78	15.4	4
A	74518	SOIL	16/07/1999	10400	10800	547725.0008	7042958.99607		17.3	67.5	68	166.6	8
A	74519	SOIL	16/07/1999	10400	10900	547824.9981	7042963.00525		15	59.9	284	32.3	9
A	74520	SOIL	16/07/1999	10400	11000	547925.0037	7042967.00444		8.8	49	50	17.1	2
A	74521	SOIL	16/07/1999	10400	11100	548025.0011	7042971.00362		11.8	46.4	97	62.3	1
A	74522	SOIL	16/07/1999	10400	11200	548124.9984	7042975.00281		10.8	49.4	98	77.4	1
A	74523	SOIL	16/07/1999	10400	11300	548223.9980	7042978.0022		9.3	45.2	59	23.6	1
A	74524	SOIL	16/07/1999	10400	11400	548324.0036	7042982.00139		9.6	57.9	57	39.2	3
A	74525	SOIL	16/07/1999	10400	11500	548424.001	7042986.00057		9.8	60.2	49	36.3	3
A	74526	SOIL	16/07/1999	10400	11600	548524	7042990		7.9	55.6	67	24.7	3
A	74637	SOIL	16/07/1999	10800	9900	546813.9999	7043324.00177	DIRECT WEATHERING OFF GRANITE	8.9	50.7	53	39.7	3
A	74638	SOIL	16/07/1999	10800	9800	546715.9980	7043319.00279	PEAT WITH ABUNDANT GRANITE	14	62.8	137	110.9	17
A	74639	SOIL	16/07/1999	10800	10100	547011.9991	7043332.00014		15.3	90.4	59	16.6	34
A	74640	SOIL	16/07/1999	10800	10200	547111.9965	7043334.99953		112.2	1189.4	248	14.7	63
A	74641	SOIL	16/07/1999	10800	10300	547212.0021	7043338.99872	NEAR RIDGE CREST	28.2	124	103	13.5	3
A	74642	SOIL	16/07/1999	10800	10400	547311.9994	7043341.99811	SILT, SAND, ORANGE,BROWN	10.4	73.9	86	6.3	2
A	74643	SOIL	16/07/1999	10800	10500	547410.9990	7043345.99729	ANGULAR FRAGS OF GRANITE	11.9	63.9	90	12.5	8
A	74644	SOIL	16/07/1999	10800	10600	547510.9964	7043348.99668	QFP+LIMONITIC QUARTZ VEINS	10.3	69.1	11	5.4	3
A	74645	SOIL	16/07/1999	10800	10700	547611.002	7043352.99587		9.6	60.8	95	9.7	4
A	74646	SOIL	16/07/1999	10800	10800	547710.9993	7043357.00505	GRANITIC FRAGMENTS	10	63.1	70	15.3	7
A	74647	SOIL	16/07/1999	10800	10900	547810.9967	7043360.00444		8.4	57.4	31	10.6	5
A	74648	SOIL	16/07/1999	10800	11000	547911.0023	7043364.00363	CHLORITE SCHIST CHIPS	14.6	90	57	50.7	3
A	74649	SOIL	16/07/1999	10800	11100	548010.9996	7043367.00302		11.2	57	191	34.8	1
A	74650	SOIL	16/07/1999	10800	11200	548110.997	7043371.00221		15	68.3	62	221	1
A	74651	SOIL	16/07/1999	10800	11300	548209.9966	7043374.00159		10.6	78.7	46	119	2
A	74652	SOIL	16/07/1999	10800	11400	548310.0022	7043378.00078	CHLORITE SCHIST CHIPS	7.8	75.7	38	31.2	1
A	74653	SOIL	16/07/1999	10800	11500	548409.9995	7043381.00017	MICA RICH	16.1	79.6	38	83.1	2
A	74654	SOIL	16/07/1999	10800	11600	548509.9969	7043384.99936	CLAY RICH	28.6	72	75	15.6	2
A	71788	SOIL	15/07/1999	11000	10000	546905.0010	7043528.00025		13	54.8	52	81.5	6
A	71789	SOIL	15/07/1999	11000	10100	547004.9984	7043531.99943		13.7	51.2	159	11.7	4
A	71790	SOIL	15/07/1999	11000	10200	547105.004	7043534.99882		39.7	71.5	223	11.9	14
A	71791	SOIL	15/07/1999	11000	10300	547205.0013	7043538.99801		7.3	71	25	7.1	7
A	71792	SOIL	15/07/1999	11000	10400	547304.9987	7043541.9974		15.1	63.8	22	8.1	5
A	71793	SOIL	15/07/1999	11000	10500	547404.9960	7043545.99659		13.3	60.9	41	10.3	3
A	71794	SOIL	15/07/1999	11000	10600	547505.0016	7043548.99598		11.5	58.8	65	7.6	8
A	71795	SOIL	15/07/1999	11000	10700	547604.999	7043553.00516		14.9	73.5	58	10.4	6
A	71796	SOIL	15/07/1999	11000	10800	547704.9964	7043556.00455		13.2	65.1	99	9.9	5
A	71797	SOIL	15/07/1999	11000	10900	547803.996	7043560.00373		12.1	62.6	67	8.6	4
A	71798	SOIL	15/07/1999	11000	11000	547904.0016	7043563.00312		13.5	66.6	85	9.8	6
A	71799	SOIL	15/07/1999	11000	11100	548003.9989	7043567.00231		14	62.8	65	13.3	10
A	74500	SOIL	15/07/1999	11000	11200	548103.9963	7043570.0017		9.8	58.2	51	21	5
A	74501	SOIL	15/07/1999	11000	11300	548204.0019	7043574.00089		15.5	68.6	166	66.2	6
A	74502	SOIL	15/07/1999	11000	11400	548303.9992	7043577.00027		10.5	69.1	98	13.7	2
A	74503	SOIL	15/07/1999	11000	11500	548403.9966	7043580.99946		11.1	68.7	91	13.3	4
A	74504	SOIL	15/07/1999	11000	11600	548504.0022	7043583.99885	EOL	8.4	60.5	73	12.1	3
A-P12	77078	GRAB	02/08/2000	9405	8290	545358	7041883	PIT#2 LOCATED ~ 10 M NW OF L94N 83E GRID A OLD SAM	8.1	80.9	21	2.4	0

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
A-P12	77079	GRAB	02/08/2000	9406	8290	545358	7041883	PIT #2 PERVASIVELY SILICIFIED, - WELL LAMINATED AL	16.6	51.4	117	22.1	9
A-P13	77082	GRAB	02/08/2000	0	0	545378	7041923	PIT # 13- PERMOFROST PITUNIT IS PERVASIVELY SILICI	7.6	78.7	88	14.5	6
A-P13	77083	GRAB	02/08/2000	0	0	545378	7041923	PIT # 13- PERVASIVELY SILICIFIED ALMOST WHOLE SILI	7.7	73.6	121	17.1	6
A-P13	77080	SOIL	02/08/2000	0	0	545378.0026	7041922.99694	PIT #13 SOIL SAMPLE 20 CM FROM SURFACE	12.7	65.4	83	38.5	111
A-P13	77081	SOIL	02/08/2000	0	0	545378.0026	7041922.99694	PIT #13 SOIL SAMPLE AT 1M FROM SURFACE	19.4	65.1	370	61.1	172
A-P14	77084	GRAB	02/08/2000	0	0	545397	7041963	PIT # 14- BRECCIATED SILICIOUS UNIT IN MUCH OF PIT	1.8	5.8	19	4.4	5
A-P14	77085	GRAB	02/08/2000	0	0	545397	7041963	PIT # 14 SOME DISCRIPTION ON 77084 BUT ARE BY DISC	1.6	4.7	17	1.8	1
A-P15	77087	GRAB	02/08/2000	0	0	545418	7042002	PIT # 15, SILICIOUS QUARTZITE WEATHERED BUT GREY B	3.3	32.1	42	11.1	4
A-P15	77088	GRAB	02/08/2000	0	0	545418	7042002	PIT # 15, SAMPLE OF GRAPHITE WEDGE IN BASE OF THRU	12.3	52.3	260	59.9	6
A-P15	77086	SOIL	02/08/2000	0	0	545418.0032	7042002.00086	PIT # 15, 20 CM FROM SURFACE ROCK CHIPS IN SAMPLE	10.5	68.4	112	10.8	5
A-P16	77089	GRAB	02/08/2000	0	0	545437	7042042	PIT # 16, BRECCIATED SILICA FLOOD VEINED PEGMATITI	159.2	126	845	35.6	57
A-P16	77090	GRAB	02/08/2000	0	0	545437	7042042	PIT # 16, BLEACHED GREY SILICIFIED ROCK- FABRICK D	182.1	168.9	635	70.2	77
A-P17	77091	GRAB	02/08/2000	0	0	545456	7042080	PIT # 17, 2 CM WIDE VEIN WITH SUB TO EUHEDRAL CALC	134	221.5	1443	41.2	71
A-P17	77092	GRAB	02/08/2000	9600	8400	545456	7042080	PIT # 17, GRANITE EQUIGRANULAR- CARBONATE+ SILICA	23.7	24.9	135	22.2	39
A-P17	77093	GRAB	02/08/2000	9600	8400	545456	7042080	PIT # 17, - FROM BOTTOM OF PIT, - GRANITE BRECCIA	146.1	277.5	1656	71	102
A-P17	77094	GRAB	02/08/2000	9600	8400	545456	7042080	PIT # 17, - HEMATITIC, ALTERED GRANITE WITH DISCON	92.4	198.3	755	150.3	159
A-PP#10	75931	GRAB	16/09/1999	9185	9500	546469	7041697	PROFILE PIT #10 - LIMONITIC SCHIST	5.4	89.7	129	749.5	2
A-PP#10	75932	GRAB	16/09/1999	9185	9500	546469	7041697	PROFILE PIT #10 - LIMONITIC QUARTZ IN SCHIST	3	59.8	35	71	0
A-PP#10	75929	SOIL	16/09/1999	9185	9500	546469.0020	7041697.00294	PROFILE PIT #10 - 50CM	46.8	303.8	226	3521.7	31
A-PP#10	75930	SOIL	16/09/1999	9185	9500	546469.0020	7041697.00294	PROFILE PIT #10 - 20CM	11.7	61.7	135	534.9	14
A-PP#11	75938	GRAB	16/09/1999	9400	8400	545361	7041874	PROFILE PIT #11 - AMORPHOUS PERVASIVE LIMONITE	7.5	49.9	110	21	8
A-PP#11	75939	GRAB	16/09/1999	9400	8400	545361	7041874	PROFILE PIT #11 - LIMONITIC METSED WITH QUARTZ	3.3	16.4	57	46.1	150
A-PP#11	75936	SOIL	16/09/1999	9400	8400	545360.9997	7041873.99692	PROFILE PIT #11 - 80CM	9.4	38.9	268	46.6	74
A-PP#11	75937	SOIL	16/09/1999	9400	8400	545360.9997	7041873.99692	PROFILE PIT #11 - 20 TO 50CM	13.7	55.7	307	91.2	247
A-PP#12	75942	GRAB	16/09/1999	9600	8600	545555	7042082	PROFILE PIT #12 - LIMONITIC QUARTZ	2.6	3.8	24	60.1	11
A-PP#12	75943	GRAB	16/09/1999	9600	8600	545555	7042082	PROFILE PIT #12 - LIMONITIC SCHIST	2.1	10	31	56.5	8
A-PP#12	75944	GRAB	16/09/1999	9600	8600	545555	7042082	PROFILE PIT #12 - LIMONITIC SILTY CHIPS	23.6	14.1	565	47.3	7
A-PP#12	75940	SOIL	16/09/1999	9600	8600	545554.9996	7042082.00458	PROFILE PIT #12 - 60CM - ROCKY	52.9	64.4	436	181	122
A-PP#12	75941	SOIL	16/09/1999	9600	8600	545554.9996	7042082.00458	PROFILE PIT #12 - 15CM	57.8	72.8	771	156.2	102
A-PP#13	75947	GRAB	16/09/1999	9600	8800	545755	7042089	PROFILE PIT #13 - LIMONITIC QUARTZ	2.3	12.6	40	68.2	20
A-PP#13	75948	GRAB	16/09/1999	9600	8800	545755	7042089	PROFILE PIT #13 - QUARTZ STRINGERS IN INTRUSIVE	3.2	27	58	75.1	24
A-PP#13	75949	GRAB	16/09/1999	9600	8800	545755	7042089	PROFILE PIT #13 - VOLCANIC WITH PYRITE	109	55.4	234	50.8	85
A-PP#13	75945	SOIL	16/09/1999	9600	8800	545755.0026	7042089.00315	PROFILE PIT #13 - 60CM	18.8	52.8	362	113.7	71
A-PP#13	75946	SOIL	16/09/1999	9600	8800	545755.0026	7042089.00315	PROFILE PIT #13 - 20CM	19.1	51.3	423	97.3	127
A-PP#8	75923	GRAB	16/09/1999	9200	9500	546469	7041712	PROFILE PIT #8 - LIMONITIC QUARTZ	2.4	5.3	21	77	0
A-PP#8	75924	GRAB	16/09/1999	9200	9500	546469	7041712	PROFILE PIT #8 - CLEAR QUARTZ IN SCHIST	3.9	104.4	60	58.2	0
A-PP#8	75925	GRAB	16/09/1999	9200	9500	546469	7041712	PROFILE PIT #8 - QUARTZITE	6.1	149.3	544	148.3	1
A-PP#8	75921	SOIL	16/09/1999	9200	9500	546469.0020	7041711.99989	PROFILE PIT #8 - 80CM - ROCKY	29.9	297.6	481	1551.7	33
A-PP#8	75922	SOIL	16/09/1999	9200	9500	546469.0020	7041711.99989	PROFILE PIT #8 - 10CM - ROCKY	19	156.8	315	2145.7	11
A-PP#9	75928	GRAB	16/09/1999	9170	9500	546469	7041682	PROFILE PIT #9 - LIMONITIC QUARTZ	7.3	33	44	246.2	0
A-PP#9	75926	SOIL	16/09/1999	9170	9500	546469.0020	7041681.996	PROFILE PIT #9 - 60CM	96.6	308.8	445	4627.1	144
A-PP#9	75927	SOIL	16/09/1999	9170	9500	546469.0020	7041681.996	PROFILE PIT #9 - 10CM	11.4	82	130	250	7
B	76662	CHIP	22/07/2000	0	0	547325	7037863	1.5M CHIP DOWN FACE OF O/C AT SAME LOC. AS SAMPLE	202.5	339.8	831	1559.1	94
B	76607	CHIP	10/07/2000	0	0	547622	7037217	1M VERTICAL CHIP IN LIMESTONE, MINOR QTZ VEINLETS	15.1	18.5	96	4.1	4
B	76608	CHIP	10/07/2000	0	0	547622	7037217	1M VERTICAL CHIP - HIGH CONCENTRATION OF QTZ VEINL	7.4	12.8	66	0	2
B	77333	GRAB	01/08/2000	10610	9525	547631	7037196	FROM THE NOSE, NORTH END, OF LIMESTONE RIDGE STRIN	553.6	3.7	815	2.4	7
B	77334	GRAB	01/08/2000	10605	9525	547632	7037191	NARROW (0.5 CM) CONFERMABLE QTZ STRINGERS IN LIMES	8.8	13.4	99	16	3
B	77335	GRAB	01/08/2000	10597	9525	547633	7037177	AT A GENTLE FOLD THE LIMESTONE IS MORE COMPLETELY	8.6	6.3	31	4	1
B	77336	GRAB	01/08/2000	10590	9525	547632	7037167	SOMETHING OF A BRECCIA. PIECES OF QTZ CEMENTED TOG	3.6	8.7	25	1.3	1
B	77337	GRAB	01/08/2000	10550	9520	547629	7037135	QTZ STRINGES WITH MARBLE PAGES 38-45 GIVEN TO MARK	3.4	10.1	141	3.3	1
B	77034	GRAB	31/07/2000	10600	9600	547679	7037186	MARBLE WITH DIOPSIDE TEST PIT, MARBLE WITH GRAPHIT	11.4	27.4	62	6.5	1
B	76665	GRAB	24/07/2000	0	0	546223	7039047	ALTERED AND WEAKLY FOLIATED GRANITE CUT BY STOCKWO	2.4	56.7	76	5.2	170

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	76666	GRAB	24/07/2000	0	0	546308	7039049	QTZ VEIN WITH BOXWORKS AND VUGGY CAVITIES	0.9	3.7	8	7.8	10
B	76667	GRAB	24/07/2000	0	0	546703	7039027	FRACTURED QTZ VEIN WITH BOXWORKS, ASPY AND GREY GL	5.7	1.8	169	18	5
B	76668	GRAB	24/07/2000	0	0	547220	7039110	BOULDER IN TEN MILE CREEK WITH MILKY QTZ CUT BY VI	4.6	19.6	30	11.7	2
B	76669	GRAB	24/07/2000	0	0	547220	7039110	QTZ VEIN WITH ASPY VEINLETS AND FRACTURES	4.5	1.1	177	3358.4	113
B	76670	GRAB	24/07/2000	0	0	547151	7039603	PHYLLIC ALTERED GRANITE WITH MASSIVE ASPY AND PY I	22.1	17.7	588	3983.3	60
B	64657	GRAB	22/07/2000	0	0	552508	7037700	PYRITIC GRANITE WITH UP TO 5cm MIAROLITIC CAVITIES	7.2	17.5	28	8.4	5
B	64658	GRAB	22/07/2000	0	0	552812	7038107	QTZ-GRANITE BRECCIA BOULDER	2.4	14.5	41	16.8	7
B	76659	GRAB	22/07/2000	0	0	547323	7037828	PHYLLIC ALTERATION IN SILICIFIED MAFIC AUGEN ORTHO	19.6	136.6	89	1097.7	20
B	76660	GRAB	22/07/2000	0	0	547323	7037828	GREY-WHITE MASSIVE QTZ VEIN, SAME LOC. AS 76659	2.7	4.5	42	53.3	2
B	76661	GRAB	22/07/2000	0	0	547325	7037863	~50% ASPY IN HIGHLY GOSSANOUS HOST	192.5	151.6	1215	40178	848
B	76663	GRAB	22/07/2000	0	0	547220	7039110	IN BROADLY FOLIATED QUARTZITE/PHYLLITE PACKAGE, AS	21.7	4.7	146	166.7	11
B	76664	GRAB	22/07/2000	0	0	547220	7039110	LIMONITIC FRACTURED SCHIST WITH ASPY VEINS, SERICI	10.8	50.7	141	1067	26
B	76727	GRAB	22/07/2000	0	0	554100	7037775	QUARTZITE WITH PYRITE	28.7	15.2	66	2.1	1
B	76649	GRAB	19/07/2000	9400	10400	548520	7036017	SILICIFIED AND BRECCIATED GRANITE(?) WITH WEATHERE	8.8	29.5	176	129.9	254
B	76650	GRAB	19/07/2000	9400	10400	548520	7036017	MUSCOVITE BEARING QTZ VEIN WITH GRAPHITE	2.6	7.9	25	8.3	3
B	76651	GRAB	19/07/2000	9400	10400	548519	7036018	FRACTURED QTZ VEIN WITH WHITE, NARROW CROSS-CUTTIN	5	9.5	66	244.6	60
B	76652	GRAB	19/07/2000	9600	9500	547579	7037182	SILICIFIED BRECCIA IN LIMESTONE	13.6	20.2	58	8.2	2
B	76619	GRAB	12/07/2000	0	0	549259	7038221	GRANITE WITH QTZ VEINS	39.4	26.9	71	42.2	1
B	76620	GRAB	12/07/2000	0	0	549406	7038258	GRANITE WITH PYRITE IN QTZ VEINS	37.2	24.7	45	6.8	1
B	76621	GRAB	12/07/2000	0	0	550845	7037465	QTZ VEIN IN GRANITE	11.2	10.3	29	6.4	11
B	76612	GRAB	11/07/2000	0	0	550258	7032936	QTZ VEIN IN SILLIMANITE SCHIST	2.3	14.2	18315	1	2
B	76613	GRAB	11/07/2000	0	0	550002	7033589	QUARTZITE WITH PYRITE	13.3	22.6	116	14.8	62
B	76614	GRAB	11/07/2000	0	0	550002	7033589	MARBLE WITH QUARTZ VEIN	12.9	7.2	223	1.4	5
B	76615	GRAB	11/07/2000	0	0	550113	7033631	SILICIFIED FAULT ZONE	6.3	9.5	36	3.9	4
B	76616	GRAB	11/07/2000	0	0	550113	7033631	SILICIFIED FAULT BRECCIA	67.5	9.8	445	2.3	6
B	76617	GRAB	11/07/2000	0	0	550126	7033846	LIMESTONE WITH PYRITE	31.4	14.3	281	31.4	2
B	76609	GRAB	10/07/2000	0	0	547622	7037217	FRACTURED, FOLIATED QTZ VEIN IN CARBONATES - 25 cm	2.4	7.2	34	0.2	2
B	76610	GRAB	10/07/2000	11200	10700	548772	7037832	INTRUSIVE	28.6	12.1	40	16.3	2
B	76611	GRAB	10/07/2000	11200	10700	548771	7037834	PHYLLITIC PSAMMITE (LIMONITIC)	53.3	192.2	275	284.4	6
B	77146	GRAB	10/07/2000	2933	0	550318	7035341	R1, MILKY-WHITE QTZ BOULDER BESIDE SAMPLE # 77145	4.7	10.3	80	10.4	3
B	76600	GRAB	09/07/2000	8800	10900	549145	7035470	CARBONATE WITH GRAPHITE	4.4	26.2	66	20.2	4
B	76601	GRAB	09/07/2000	0	0	549161	7035590	CALC SILICATE	5.1	23.8	172	12	3
B	76602	GRAB	09/07/2000	0	0	549100	7035542	MARBLE WITH VEINS	4	11.8	69	5	2
B	76603	GRAB	09/07/2000	0	0	549093	7035546	CARBONATE O/C	3.5	15.7	75	2.9	0
B	76604	GRAB	09/07/2000	9400	10700	548828	7036018	MICACEOUS QUARTZITE WITH DISSEMINATED CHALCOPYRITE	26	45.1	717	57.1	13
B	76605	GRAB	09/07/2000	9170	9650	547794	7035684	QUARTZ DIORITE	2.8	59.7	41	0.7	1
B	76606	GRAB	09/07/2000	0	0	547476	7035909	QUARTZ VEINS, MINOR CUBIC PYRITE	14.3	34.9	85	0.7	1
B	75762	GRAB	14/09/1999	2200	0	548585	7031675	SESTAK CONTOUR SW	32.7	46.2	67	61.6	1
B	75847	GRAB	14/09/1999	700	0	551150	7033022	SESTAK CONTOUR	17.6	68.4	321	21.9	1
B	75855	GRAB	14/09/1999	1300	0	551495	7033410	SESTAK CONTOUR	23	125.9	37	1	0
B	75920	GRAB	14/09/1999	9300	10200	548325.0014	7035910.00087		1.8	3.7	31	120.6	13
B	70468	GRAB	13/09/1999	10450	10380	548450	7036060	FOLIATED QUARTZ	2.3	7.8	18	6.8	2
B	70484	GRAB	13/09/1999	9800	10330	548491	7036414	LIMONITIC QUARTZ	2.2	4.1	83	102.1	3
B	70492	GRAB	13/09/1999	9630	10300	548420	7036270	QUARTZ FROM OPEN AREA - UPHILL FROM PP#5	34.3	111.2	145	8	10
B	70493	GRAB	13/09/1999	9630	10300	548420	7036270	LIMONITIC QUARTZ FROM OPEN AREA - UPHILL FROM PP#	78.7	125.3	168	14.9	4
B	75829	GRAB	13/09/1999	9000	11300	549380	7035648		6.4	12.7	41	60.6	0
B	75831	GRAB	13/09/1999	9000	11400	549630	7035657		2.3	5	14	4.9	0
B	75832	GRAB	13/09/1999	9000	11400	549630	7035657		31.6	16.1	82	8.7	0
B	70450	GRAB	12/09/1999	0	0	549150	7035600	BANDED MARBLE	3.2	33.4	45	2.1	0
B	71999	GRAB	09/08/1999	0	0	548085	7033830	RIDGE CREST, SOUTH SESTAK FORKS	4.5	8.8	9	3.7	0
B	73199	GRAB	09/08/1999	0	0	549750	7033780	AT SESTAK JUNCTION SE SIDE OF SWAMPY AREA	1.9	9.9	13	6.6	0
B	74949	GRAB	06/08/1999	0	0	546755	7039245	EPIDOTE ALTERED ORTHOGNEISS WITH QUARTZ BOULDERS	5	29.5	7	89.1	0

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	74852	GRAB	04/08/1999	0	0	547360	7037995	FRACTURED RUSTY QUARTZ BOULDER IN CREEK	6.6	25	514	161.9	1054
B	74853	GRAB	04/08/1999	0	0	547445	7037990	SCHIST/QTZ BOULDER FRACTURED & CEMENTED W/RUSTY MT	77.6	43.8	49	3.9	1
B	74854	GRAB	04/08/1999	0	0	547760	7037995	QUARTZ BOULDER FRACTURED WI/RUSTY MATERIAL	101.3	21.2	171	88.3	4
B	74855	GRAB	04/08/1999	0	0	548415	7038020	SCHIST W/QTZ VEINS/QZTITE, SOME ARSENO, FINELY DIS	6.2	21.4	33	66.5	1
B	74885	GRAB	04/08/1999	0	0	548300	7036410	QTZ BOULDER, RUSTY SULPHIDES, GALENA	1750.2	5034	3913	28.9	9
B	74886	GRAB	04/08/1999	0	0	548300	7036410	QTZ BOULDER, RUSTY FRACTURED GALENA/SPHALERITE?	3100.9	17320	8999	22.7	12
B	71996	GRAB	03/08/1999	0	0	547405	7038210	MAFIC F.G. ORTHOGNEISS	15.3	98.3	686	190.3	1
B	71997	GRAB	03/08/1999	0	0	547435	7038205	BANDED QTZITE VEIN W/DISS.PYRITE? SULPHIDES	216.3	41.9	648	252.9	1
B	71998	GRAB	03/08/1999	0	0	548030	7038210	GRANITE WITH SHOT THRU W/LIMONITIC RUSTY QTZ VEINS	41.4	40.4	190	706.2	1
B	74921	GRAB	03/08/1999	0	0	547295	7037760	2-3% ASPY IN FRACTURE IN QTZ	5	16.5	190	2952.2	71
B	74922	GRAB	03/08/1999	0	0	548280	7037805	RUSTY FRACTURED GRANITE?	5.8	24.4	96	67.5	0
B	74923	GRAB	03/08/1999	0	0	548280	7037805	MILKY QTZ VEIN WITH RUSTY FRACTURES	2.7	8.3	31	19.8	0
B	74924	GRAB	03/08/1999	0	0	547295	7037760	ASPY VEINLETS UP TO 3MM WIDE IN QUARTZ	12.5	4.5	685	70644	724
B	74760	GRAB	01/08/1999	0	0	547640	7037255	F.G. ASPY IN QUARTZITE	1.6	7	31	13	0
B	74761	GRAB	01/08/1999	0	0	547635	7037210	QTZ-BIOT SCHIST WITH F.G. ASPY DISSEMINATED	4.6	46	62	34.6	0
B	74827	GRAB	01/08/1999	0	0	547640	7037255		2.2	8.8	11	18.2	0
B	74828	GRAB	01/08/1999	0	0	547635	7037210	QUARTZ VEIN	1.5	5.3	12	18.4	0
B	74829	GRAB	01/08/1999	0	0	547635	7037210	QUARTZ VEIN	2.4	11.5	13	56	0
B	74830	GRAB	01/08/1999	0	0	549460	7037895	GRANITE	23.4	11.4	50	3.8	0
B	74831	GRAB	01/08/1999	0	0	549540	7037825	GRANITE WITH BLACK DULL MINERAL	28.4	16.7	107	8.1	0
B	74832	GRAB	01/08/1999	0	0	549495	7037870	GRANITE (DYKE?)/MUSCOVITE SCHIST/PYRITE	28.2	17.9	34	4.4	0
B	74833	GRAB	01/08/1999	0	0	549725	7037655	QUARTZ MUSCOVITE SCHIST	51.2	40.2	34	4.7	0
B	74900	GRAB	01/08/1999	0	0	547325	7038785	RUSTY QTZ WITH 1% ARSENOPYRITE	51.4	278.1	161	746.5	10
B	74901	GRAB	01/08/1999	0	0	547355	7038730	QUARTZ WITH 10 TO 15% ARSENOPYRITE	16.8	73.2	286	5054.4	179
B	74902	GRAB	01/08/1999	0	0	547640	7038460	MILKY QTZ VEIN WITH HARD BLACK MINERAL ON FRACTURE	9.6	32.7	130	67.3	3
B	74758	GRAB	31/07/1999	0	0	548190	7038400	RUSTY QUARTZITE WITH MINOR PYRITE	11.7	8.3	145	2.4	0
B	74759	GRAB	31/07/1999	0	0	548450	7037610	RUSTY QUARTZITE FROM SOIL HOLE	2.9	9.4	125	80.1	3
B	71994	GRAB	30/07/1999	0	0	547970	7038695	QTZITE WI/DISS. SULPHIDES	11.3	10.5	22	32.8	0
B	71995	GRAB	30/07/1999	0	0	548280	7038580	QTZ VEIN	24.7	23.1	38	7.8	0
B	74799	GRAB	30/07/1999	0	0	547465	7038390	TRACE PY & ASPY IN RUSTY QUARTZ BOULDER	1.5	11	91	10.9	0
B	74805	GRAB	30/07/1999	0	0	547515	7038770	VISIBLE SULPHIDES	9.2	35.4	71	1.4	0
B	74806	GRAB	30/07/1999	0	0	547340	7038760	IN CREEK BED	3.2	9.6	100	89.5	15
B	74807	GRAB	30/07/1999	0	0	547540	7038770		5	143	63	4.2	1
B	71992	GRAB	29/07/1999	0	0	548025	7038745	APPROX. 121+50N, 100+30E	19.2	8.1	36	0.9	0
B	71993	GRAB	29/07/1999	0	0	547975	7038630	SILICIFIED BRECCIA OF HORNFELSED W/FELD.BIOTITE SC	55.2	33.6	57	268.5	2
B	74762	GRAB	29/07/1999	0	0	547975	7038630	BRECCIATED HORNFELSED W/DARK GREY SILICEOUS MATRIX	28.4	29.5	14	29.1	1
B	71991	GRAB	27/07/1999	0	0	547550	7038275	ANGULAR BLOCK OF ORTHOGNEISS W/A FOLIATION CUTTING	11.5	20.5	59	15	1
B	73794	GRAB	27/07/1999	0	0	547970	7038690	HORNFELSED SCHIST W/F.G. DISS. SULPHIDE?	15	35.2	19	17.1	0
B	74808	GRAB	27/07/1999	0	0	548295	7038920	QTZ W/PYRITE/GRAPHITE?	9.4	6.1	49	10.9	0
B	73760	GRAB	17/09/1998	7036930	547850	547721	7037100	QUARTZ, 1% ASPY IN SOIL HOLE 73745	59.3	132.2	108	98.5	1
B	63389	GRAB	17/08/1998	0	0	548946	7038520	LIMONITIC QUARTZ-MUSCOVITE SCHIST	29.5	23.1	113	2.8	0
B	63390	GRAB	17/08/1998	0	0	548121	7037870	SULPHIDE IN QUARTZVEIN BRECCIA	4.4	9.8	59	7.5	0
B	63391	GRAB	17/08/1998	0	0	547946	7037730	FOLIATED CARBONATE WITH BLACK SPECS	1.4	0	0	0.5	0
B	63392	GRAB	17/08/1998	0	0	547946	7037730	STREAKY ASPY? IN CARBONATE	1.6	1	49	0.7	0
B	63393	GRAB	17/08/1998	0	0	547946	7037730	FOLIATED CARBONATE WITH BLACK SPECS	6.4	1.1	64	1.3	0
B	73076	GRAB	17/08/1998	7037000	547575	547446	7037170	QUARTZ VEIN IN SERICITE SCHIST	2.7	2.3	62	2	3
B	79245	SILT	22/09/2000	0	0	543237	7034906	~100M UP FROM TWENTY MILE CREEK	5.89	57.9	67	3.1	8.7
B	79246	SILT	22/09/2000	0	0	543539	7034009	~150M UP FROM TWENTY MILE CREEK	7.78	71.4	92	7.1	2.3
B	70494	SOIL	14/09/1999	9500	10000	548117	7036100.0022	SAMPLED AT 40 CM - SAME AS 71882	19.4	101.5	192	88	95
B	70495	SOIL	14/09/1999	9500	10050	548225.0040	7036100.0022	50CM - MARBLE FLOAT	12.8	88.2	175	137.5	84
B	70496	SOIL	14/09/1999	9500	10100	548280.0038	7036102.00179	50CM - MARBLE FLOAT	17.8	108.4	261	109.7	20
B	70497	SOIL	14/09/1999	9500	10150	548333.9976	7036103.00159	40CM	25.9	141.4	439	234.8	34

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	70498	SOIL	14/09/1999	9500	10200	548388.9974	7036105.00118	30CM - CHANGE IN SOILS - NO THICK ORGANIC LAYER	27.3	103.6	253	285.8	19
B	70499	SOIL	14/09/1999	9500	10250	548442.9994	7036106.00098	20CM	18.2	85.4	240	959.2	44
B	70804	SOIL	14/09/1999	9500	10300	548497.9992	7036108.00057	30CM	11.5	71.6	77	270.2	25
B	70805	SOIL	14/09/1999	9500	10350	548552.999	7036109.00036	30CM	13.3	83.8	40	151.5	8
B	70806	SOIL	14/09/1999	9500	10400	548607.0010	7036110.99996	ROCKY	14.6	111.9	125	379.8	21
B	70807	SOIL	14/09/1999	9500	10450	548662.0008	7036111.99975	20CM	14.2	65.8	104	225.9	65
B	70808	SOIL	14/09/1999	9500	10500	548717.0006	7036113.99935	25CM	13.5	72.3	166	209.5	23
B	70809	SOIL	14/09/1999	9500	10550	548771.0026	7036114.99914	20CM	19.1	81.6	210	253.4	19
B	70810	SOIL	14/09/1999	9500	10600	548826.0024	7036116.99874	ROCKY LOTS OF QUARTZ	15.2	52.1	167	178.7	6
B	70811	SOIL	14/09/1999	9500	10650	548879.9962	7036117.99853	30CM - ROCKY	20.7	99	114	140.8	8
B	70812	SOIL	14/09/1999	9500	10700	548934.996	7036119.99813	40CM - EOL - CHAINED UP 50M TO L96N @10700E	20.3	125.5	428	102.8	16
B	75905	SOIL	14/09/1999	9400	10650	548769.9966	7036021.99807	INFILL SOIL	100.8	238.4	129	316.5	96
B	75911	SOIL	14/09/1999	9400	10550	548669.9993	7036017.99889	INFILL SOIL	26.4	78.9	68	132.1	10
B	75912	SOIL	14/09/1999	9300	10400	548549.9975	7035920.99863		12.5	58.5	497	7.6	4
B	75913	SOIL	14/09/1999	9300	10450	548595.0033	7035922.99822		11.9	61.3	36	7.8	18
B	75914	SOIL	14/09/1999	9300	10500	548640.0009	7035925.99761		25.9	64.5	547	5	2
B	75915	SOIL	14/09/1999	9300	10550	548684.9985	7035927.99721		73.8	216.8	89	344.4	12
B	75916	SOIL	14/09/1999	9300	10600	548729.9960	7035929.9968		1177.1	267.3	1470	2370.7	1317
B	75917	SOIL	14/09/1999	9300	10350	548504.9999	7035918.99904		15.9	69.4	61	20.5	8
B	75918	SOIL	14/09/1999	9300	10300	548460.0023	7035916.99945		7.5	163.8	58	42.5	4
B	75919	SOIL	14/09/1999	9300	10250	548414.9965	7035914.00006		11.4	74.8	149	95.2	91
B	75988	SOIL	14/09/1999	9300	10200	548369.999	7035912.00046	ROCKY 15CM	19	71	250	198.6	29
B	75708	SOIL	13/09/1999	8400	11300	549481.0028	7035040.99775		8.4	60.6	45	54	8
B	75709	SOIL	13/09/1999	8400	11400	549581.9979	7035043.99714	QUARTZ	13.6	62.4	275	108.2	6
B	75710	SOIL	13/09/1999	8400	11500	549683.0012	7035046.99653		11.2	72	133	76.2	4
B	75711	SOIL	13/09/1999	8400	11600	549785.0023	7035048.99613		12.7	70.8	268	165.9	8
B	75712	SOIL	13/09/1999	8400	11700	549885.9974	7035052.00551		13.8	51.7	130	15	1
B	75713	SOIL	13/09/1999	8400	11800	549987.0008	7035055.0049		7	50	311	12.5	9
B	75714	SOIL	13/09/1999	8400	11900	550089.0019	7035057.0045		10.2	46.7	221	35.2	5
B	75715	SOIL	13/09/1999	8400	12000	550189.997	7035060.00388	EOL	12.8	60.1	354	149.6	26
B	75716	SOIL	13/09/1999	8800	10500	548659.9971	7035424.99959		10	64	62	10	0
B	75717	SOIL	13/09/1999	8800	10600	548758.9967	7035428.99878		7.6	45.1	38	5.2	1
B	75718	SOIL	13/09/1999	8800	10700	548859.0023	7035431.99817		8.8	43.6	70	6	2
B	75719	SOIL	13/09/1999	8800	10800	548958.0019	7035435.99735	QUARTZ	17.7	85.4	429	68.8	8
B	75720	SOIL	13/09/1999	8800	10900	549057.0015	7035439.99654		16.7	74.7	134	434.6	20
B	75721	SOIL	13/09/1999	8800	11000	549156.9988	7035442.99593		12.7	91.5	112	342.7	11
B	75722	SOIL	13/09/1999	8800	11100	549255.9984	7035447.00511		12.1	56.9	57	114.7	6
B	75723	SOIL	13/09/1999	8800	11200	549354.9980	7035451.0043		14.5	47	59	83	9
B	75724	SOIL	13/09/1999	8800	11300	549455.0036	7035454.00369		13	46.6	99	40.3	4
B	75725	SOIL	13/09/1999	8800	11400	549554.0032	7035458.00287	QUARTZITE	22.1	44.4	304	177.3	13
B	75726	SOIL	13/09/1999	8800	11500	549653.0029	7035462.00206	QUARTZITE	14.8	105.9	553	324	5
B	75727	SOIL	13/09/1999	8800	11600	549753.0002	7035465.00145		12.2	52.8	46	130.6	14
B	75728	SOIL	13/09/1999	8800	11700	549851.9998	7035469.00063		14.6	66.3	35	101.9	17
B	75729	SOIL	13/09/1999	8800	11800	549950.9994	7035472.99982		16.2	114	40	59.3	10
B	75730	SOIL	13/09/1999	8800	11900	550050.9968	7035475.99921		14.9	70.9	167	32.4	3
B	75731	SOIL	13/09/1999	8800	12000	550149.9964	7035479.9984	EOL	11.5	53.4	237	23.2	2
B	75820	SOIL	13/09/1999	9000	10500	548629.9987	7035619.9999		8.1	41.6	25	10.7	2
B	75821	SOIL	13/09/1999	9000	10600	548713.0013	7035622.99929		10.5	60.7	32	11.8	1
B	75822	SOIL	13/09/1999	9000	10700	548797.0018	7035625.99868		10.9	65	32	9.5	2
B	75823	SOIL	13/09/1999	9000	10800	548879.9962	7035628.99807		10.4	68	138	18.8	67
B	75824	SOIL	13/09/1999	9000	10900	548962.9989	7035631.99746		24.9	97.4	304	166.8	23
B	75825	SOIL	13/09/1999	9000	11000	549046.9993	7035634.99685		11.6	91.2	249	253.7	16

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	75826	SOIL	13/09/1999	9000	11100	549130.0019	7035637.99624		18.5	95	294	168.7	13
B	75827	SOIL	13/09/1999	9000	11200	549212.9964	7035641.00562	THICK MOSS	24.3	87.8	1034	829.5	81
B	75828	SOIL	13/09/1999	9000	11300	549379.9994	7035648.0042		22.8	103.8	244	1001.7	29
B	75830	SOIL	13/09/1999	9000	11400	549629.9969	7035657.00237		8.1	25.5	165	92.9	2
B	75833	SOIL	13/09/1999	9000	11500	549712.9996	7035660.00176		13.4	60.1	65	220.2	14
B	75834	SOIL	13/09/1999	9000	11600	549797.0000	7035663.00115		17.9	90.3	101	248	13
B	75835	SOIL	13/09/1999	9000	11700	549880.0027	7035666.00054		19.1	98.6	161	173.9	11
B	75836	SOIL	13/09/1999	9000	11800	549962.9971	7035668.99993		17.9	81.5	330	141.3	8
B	75837	SOIL	13/09/1999	9000	11900	550046.9975	7035671.99931		13.7	95	300	112.6	15
B	75838	SOIL	13/09/1999	9000	12000	550130.0002	7035674.9987		11.3	72.5	310	62.8	5
B	70459	SOIL	12/09/1999	9400	10450	548570.0019	7036013.9997	INFILL SOIL	11.7	62.6	162	174.2	19
B	75700	SOIL	12/09/1999	8400	10500	548669.9993	7035020.00203	QUARTZITE	10.2	62	79	7.2	13
B	75701	SOIL	12/09/1999	8400	10600	548771.0026	7035023.00142	QUARTZITE	5.1	15.7	38	7.1	0
B	75702	SOIL	12/09/1999	8400	10700	548873.0037	7035025.00101	QUARTZITE	10.8	56.4	94	50.7	3
B	75703	SOIL	12/09/1999	8400	10800	548973.9988	7035028.0004		10.9	48.3	100	53.2	7
B	75704	SOIL	12/09/1999	8400	10900	549075.0022	7035030.99979		10.4	90.9	83	170.4	8
B	75705	SOIL	12/09/1999	8400	11000	549177.0032	7035032.99938	MUCH LIGHTER COLOUR SOIL	11.7	61.9	114	262.7	4
B	75706	SOIL	12/09/1999	8400	11100	549277.9983	7035035.99877		10.9	82.5	279	304.9	12
B	75707	SOIL	12/09/1999	8400	11200	549379.0017	7035038.99816		16.3	70.9	415	86.2	14
B	75800	SOIL	12/09/1999	8600	10500	548669.9993	7035220.00132		13.3	62.8	276	23.9	4
B	75801	SOIL	12/09/1999	8600	10600	548772.9981	7035226.0001		14.8	79.6	116	10.5	2
B	75802	SOIL	12/09/1999	8600	10700	548874.9992	7035232.99867		11.8	67.8	192	30.8	5
B	75803	SOIL	12/09/1999	8600	10800	548977.9980	7035238.99745		15.5	75.2	39	111.9	4
B	75804	SOIL	12/09/1999	8600	10900	549079.9991	7035244.99623		9.8	56.7	108	127.1	5
B	75805	SOIL	12/09/1999	8600	11000	549182.998	7035251.00501		9.2	45.2	219	63.2	3
B	75806	SOIL	12/09/1999	8600	11100	549284.9991	7035258.00358		10.7	61.6	187	98.1	4
B	75807	SOIL	12/09/1999	8600	11200	549387.9979	7035264.00236		11.6	71.7	174	85.9	8
B	75808	SOIL	12/09/1999	8600	11300	549489.999	7035270.00114		9	72.1	52	70.6	9
B	75404	SOIL	07/08/1999	10200	10300	548392.9966	7036809.99768		14.1	94.2	719	105.3	16
B	75405	SOIL	07/08/1999	10200	10400	548493.0022	7036812.99707		13.3	93.1	177	73.2	2
B	75406	SOIL	07/08/1999	0	0	548050.0025	7034770.00291		8.5	46.3	152	4.6	1
B	75407	SOIL	07/08/1999	0	0	548109.9992	7034880.00052		11.9	79.2	88	8.3	1
B	75408	SOIL	07/08/1999	0	0	548190.0004	7034975.00119		5.7	37.2	180	3.7	1
B	75409	SOIL	07/08/1999	0	0	548289.9978	7034960.00424		5.4	38.8	25	3.3	0
B	75410	SOIL	07/08/1999	0	0	548374.9959	7034894.99747		4.9	46	61	3.2	1
B	75411	SOIL	07/08/1999	0	0	548450.0001	7034865.00358		8.3	54.9	40	5.3	0
B	75412	SOIL	07/08/1999	0	0	548530.0013	7034810.00477		10.6	49.2	91	6.5	2
B	75413	SOIL	07/08/1999	0	0	548225.0040	7034425.00314		6.7	55.3	153	2.4	4
B	75414	SOIL	07/08/1999	0	0	548325.0014	7034489.99991		6.7	55.6	133	6	2
B	75415	SOIL	07/08/1999	0	0	548570.0019	7034880.00052		6.9	60.5	76	10	2
B	74890	SOIL	06/08/1999	9800	9900	548006.0027	7036397.00174		7.2	59.8	58	4.8	1
B	74891	SOIL	06/08/1999	9800	9800	547905.9971	7036394.00235		9.7	76	47	5	1
B	74892	SOIL	06/08/1999	9800	9700	547805.9997	7036392.00276		9.1	59.9	74	5.2	0
B	74893	SOIL	06/08/1999	9800	9600	547706.0023	7036389.00337		12.1	58.1	124	6.5	0
B	74894	SOIL	06/08/1999	10000	10100	548198.9966	7036602.99981		105.8	183.2	563	350.3	36
B	74895	SOIL	06/08/1999	10000	10200	548299.0022	7036606.999		243.2	243.1	655	2601.5	159
B	74896	SOIL	06/08/1999	10000	10300	548398.9996	7036610.99818		48.8	105.9	1000	174.4	69
B	74897	SOIL	06/08/1999	10000	10400	548498.9969	7036613.99757		101.6	146.5	679	379.4	96
B	74898	SOIL	06/08/1999	10000	10500	548599.0025	7036617.99676		23.6	66.8	174	125.8	17
B	74899	SOIL	06/08/1999	10000	10600	548698.9999	7036621.99595		19.8	48.5	168	113.1	7
B	74943	SOIL	06/08/1999	10400	9900	547985.9982	7036995.99982		15.7	47	263	39.6	6
B	74944	SOIL	06/08/1999	10400	9800	547886.0009	7036993.00043		26.7	107.2	705	206.2	28

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	74945	SOIL	06/08/1999	10400	9700	547787.0013	7036990.00104		50.3	110.1	332	119.2	13
B	74946	SOIL	06/08/1999	10400	9600	547687.0039	7036986.00185		33.4	76.8	217	35.8	6
B	74947	SOIL	06/08/1999	10400	9500	547587.9961	7036983.00246		10.9	58.3	96	29.6	1
B	74948	SOIL	06/08/1999	10400	9400	547487.9987	7036980.00307	MARBLE OUTCROP 30 METRES TO WEST	10.3	67.6	126	15.3	4
B	75400	SOIL	06/08/1999	10000	10700	548798.9973	7036625.00533		18.9	62.3	109	83.7	8
B	75401	SOIL	06/08/1999	10000	10800	548899.0029	7036629.00452		21.7	117.9	269	42.5	5
B	75402	SOIL	06/08/1999	10200	10100	548193.0019	7036802.9991		10.1	55.5	77	18.3	5
B	75403	SOIL	06/08/1999	10200	10200	548292.9993	7036805.99849		14.7	82.8	127	25.6	5
B	75618	SOIL	06/08/1999	10400	10100	548186.0012	7037002.99839	TAKEN IN SMALL GULLEY	12.3	69.9	192	10.5	3
B	75619	SOIL	06/08/1999	10400	10200	548285.9985	7037005.99778		11.7	63.1	69	11.4	2
B	75620	SOIL	06/08/1999	10400	10300	548385.9959	7037009.99697	QTZ PEBBLES - RUSTY	40.2	132.5	357	127.1	18
B	75621	SOIL	06/08/1999	10400	10400	548486.0015	7037013.99616	FEW QTZ PEBBLES	11	56.6	129	8.8	1
B	75622	SOIL	06/08/1999	10400	10500	548585.9988	7037017.00554		17.1	72	162	77.4	3
B	75623	SOIL	06/08/1999	10400	10600	548685.9962	7037021.00473	RAN OUT OF HIP CHAIN AT 105+34, PACED TO HERE	15.5	68	240	50.1	6
B	75624	SOIL	06/08/1999	10200	9900	547992.999	7036796.00053		13.6	62.9	170	51.7	13
B	75625	SOIL	06/08/1999	10200	9800	547893.0016	7036793.00114		19.3	67.7	134	48.3	9
B	75626	SOIL	06/08/1999	10200	9700	547794.002	7036789.00195		13.1	60	195	50.8	19
B	75627	SOIL	06/08/1999	10200	9600	547693.9964	7036786.00256		10.7	55.8	126	35.9	16
B	75628	SOIL	06/08/1999	10200	9500	547594.9968	7036783.00317	TOPO FLATTENING OUT	74.4	166.5	205	52.9	5
B	75629	SOIL	06/08/1999	10200	9400	547494.9994	7036779.00399		11.3	55.8	98	18.4	3
B	75630	SOIL	06/08/1999	10200	9300	547395.9998	7036776.0046	NEAR RIDGE TOP	21.6	55.2	71	8.8	2
B	74856	SOIL	05/08/1999	9800	11200	549306.0012	7036442.00258		19	70.5	184	51.7	6
B	74857	SOIL	05/08/1999	9800	11300	549405.9986	7036445.00197		25.2	95.1	239	57.8	6
B	74858	SOIL	05/08/1999	9800	11400	549505.9959	7036449.00116		20.6	88.6	269	126	15
B	74859	SOIL	05/08/1999	9800	11500	549605.0038	7036452.00055	MOSTLY TALUS, SILICEOUS SCHIST	12.7	55.4	156	111.1	2
B	74860	SOIL	05/08/1999	9800	11600	549705.0011	7036455.99973		18.4	138	201	123.3	6
B	74861	SOIL	05/08/1999	9800	11700	549804.9985	7036458.99912		23.8	140.3	116	134.8	3
B	74862	SOIL	05/08/1999	9800	11800	549905.0041	7036462.99831		29.9	118.2	522	153.9	11
B	74863	SOIL	05/08/1999	9800	11900	550005.0015	7036465.9977		58.9	106	531	70.4	6
B	74864	SOIL	05/08/1999	9800	12000	550104.9988	7036469.99688		21.5	75.5	175	61.9	6
B	74865	SOIL	05/08/1999	9800	12100	550204.9962	7036472.99627		17.8	63.7	442	34.3	5
B	74887	SOIL	05/08/1999	9800	12200	550305.0018	7036477.00546		25.1	111.2	360	141	8
B	74888	SOIL	05/08/1999	9800	12300	550404.9991	7036480.00485		35.4	168	294	174.2	6
B	74889	SOIL	05/08/1999	9800	12400	550504.9965	7036484.00403		21.8	92.4	400	120.6	11
B	74925	SOIL	05/08/1999	9200	10100	548226.0018	7035803.00265	GRANITIC ORTHOGNEISS CLASTS	9.8	56.9	35	7	1
B	74926	SOIL	05/08/1999	9200	10200	548324.0036	7035807.00184	GRANITIC ORTHOGNEISS CLASTS	13.3	63.1	186	7.3	3
B	74927	SOIL	05/08/1999	9200	10300	548423.0032	7035810.00123		23.1	48.1	39	6.7	1
B	74928	SOIL	05/08/1999	9200	10400	548520.9969	7035814.00041		9.7	49.8	39	6.6	1
B	74929	SOIL	05/08/1999	9200	10500	548619.9965	7035816.9998		10.3	60.8	42	6.7	2
B	74930	SOIL	05/08/1999	9200	10600	548718.9961	7035820.99899	GRANITIC ORTHOGNEISS CLASTS	9.5	52.2	47	5.9	2
B	74931	SOIL	05/08/1999	9200	10700	548816.9979	7035823.99838	DIORITIC ORTHOGNEISS CLASTS	9.3	61.5	255	6.5	3
B	74932	SOIL	05/08/1999	9200	10800	548915.9975	7035827.99756	ORTHOGNEISS CHIPS	9.9	62.7	149	6.9	3
B	74933	SOIL	05/08/1999	9200	10900	549014.9971	7035830.99695	MARBLE CLASTS	62.4	332.2	281	107.1	15
B	74934	SOIL	05/08/1999	9200	11000	549112.999	7035833.99634		10.9	71.5	266	108.7	8
B	74936	SOIL	05/08/1999	9200	11200	549310.0005	7035841.00491	BIOTITE QTZ SCHIST CLASTS	18.4	89.6	453	766.6	45
B	74937	SOIL	05/08/1999	9200	11300	549409.0001	7035845.0041	THIN SOIL HORIZON ON QTZ BIOTITE SCHIST TALUS	8.2	20	103	99.7	8
B	74938	SOIL	05/08/1999	9200	11400	549507.9997	7035848.00349	QTZ BIOTITE MUSCOVITE SCHIST CLASTS	12	29.4	710	502.1	42
B	74939	SOIL	05/08/1999	9200	11500	549606.0015	7035852.00268	THIN SOIL LAYER ON BLOCKY ORTHOGNEISS DIORITE?	21.2	38.5	398	357.3	21
B	74940	SOIL	05/08/1999	9200	11600	549705.0011	7035855.00207	F.G. DIORITIC ORTHOGNEISS	36.2	67.3	107	369.4	21
B	74941	SOIL	05/08/1999	9200	11700	549803.003	7035859.00125	QTZITE CLASTS	44.8	85.3	422	739.2	50
B	74942	SOIL	05/08/1999	9200	11775	549902.0026	7035862.00064	QTZ CHIPS	13	72.6	217	128.2	8
B	75600	SOIL	05/08/1999	9400	10100	548219.9988	7036004.00174	BROWN CLAYEY ORGANIC RICH	19.2	108.2	318	27.6	15

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	75601	SOIL	05/08/1999	9400	10200	548319.9962	7036007.00113	BIOTITE SCHIST FRAGS	8.7	85.3	384	188.2	25
B	75602	SOIL	05/08/1999	9400	10300	548420.0018	7036011.00031	MANY QTZ FRAGS BASELINE 104+103	10	63.5	17	134.8	21
B	75603	SOIL	05/08/1999	9400	10400	548519.9991	7036013.9997	BIOTITE SCHIST & QTZITE FRAGS	19.3	54	301	750.2	193
B	75604	SOIL	05/08/1999	9400	10500	548619.9965	7036017.99889	LAMPROPHYRE FRAG AT 105+10E	67.8	66.4	292	153.3	88
B	75605	SOIL	05/08/1999	9400	10600	548720.0021	7036021.99807		70	241.3	299	424.6	94
B	75606	SOIL	05/08/1999	9400	10700	548819.9994	7036024.99746	BIOTITE FELDSPAR SCHIST BLOCKS TO HERE	40.8	107.1	236	151.2	94
B	75607	SOIL	05/08/1999	9400	10800	548919.9968	7036028.99665	FRAGS OF BIOTITE SCHIST	37.7	116.9	510	590.7	131
B	75608	SOIL	05/08/1999	9400	9900	548020.0041	7035996.00336	PASSED CREEK AT 99+30E	11.5	81.3	52	11.2	7
B	75609	SOIL	05/08/1999	9400	9800	547919.9985	7035993.00398		8.8	70.5	69	5.4	4
B	75610	SOIL	05/08/1999	9400	9700	547820.0011	7035989.00479	COARSE TALUS DEBRIS DOMINATES	5.2	40.1	56	2.9	1
B	75611	SOIL	05/08/1999	9400	9600	547720.0038	7035986.0054	ANGULAR BLOCKS OF ORTHOGNEISS	11.8	68.1	164	6.8	3
B	75612	SOIL	05/08/1999	9400	6500	547620.9959	7035981.99622	ORTHOGNEISS BLOCKS IN HOLE	9.6	58.1	93	10.2	3
B	75613	SOIL	05/08/1999	9400	9400	547520.9986	7035978.99683	BROKE OUTCROP SINCE 94+60E	10.3	45.5	47	8.8	5
B	75614	SOIL	05/08/1999	9400	9300	547421.0012	7035974.99764	GRANITE TO QTZ SYENITE ORTHOGNEISS OUTCROP	10.5	55	33	10.9	2
B	75615	SOIL	05/08/1999	9400	9200	547321.0039	7035971.99825	RIDGE CREST	9.6	60.6	28	10.2	2
B	75616	SOIL	05/08/1999	9400	9100	547220.9983	7035967.99907	ORTHOGNEISS FROM 90+50 TO HERE	13	52.1	66	9.4	1
B	75617	SOIL	05/08/1999	9400	9000	547121.0009	7035964.99968		9.7	58.6	27	10.1	2
B	73180	SOIL	04/08/1999	10600	11000	549078.0036	7037234.00137	CROSSED GULLEY AT 109+88E	51.8	95.7	887	78.8	10
B	73181	SOIL	04/08/1999	10600	11100	549178.001	7037237.00076	FRAGS OF QTZ FELDSPAR BIOTITE SCHIST	14.5	97.3	279	45.2	5
B	73182	SOIL	04/08/1999	10600	11200	549277.9983	7037240.99995	WELL DEVELOPED BIOTITE B HORIZON	17.6	54.7	363	15	2
B	73183	SOIL	04/08/1999	10600	11300	549378.0039	7037243.99934	TOP OF RIDGE, GOOD B HORIZON	16.7	97.1	123	12.8	2
B	73184	SOIL	04/08/1999	10600	11400	549478.0013	7037247.99852	GOOD B HORIZON	10.7	48.6	537	20.5	2
B	73185	SOIL	04/08/1999	10600	11500	549577.9987	7037250.99791		18.1	88.4	187	89.5	6
B	73186	SOIL	04/08/1999	10600	11600	549677.996	7037254.9971		22.9	73.7	153	88.6	3
B	73187	SOIL	04/08/1999	10600	11700	549778.0016	7037257.99649		23.1	62.6	147	54.8	5
B	73188	SOIL	04/08/1999	10600	11800	549877.0012	7037262.00567	OUTCROP OF MEGAFELDSPAR ORTHOGNEISS	48.7	98.5	840	51.4	7
B	73189	SOIL	04/08/1999	10600	11900	549976.9986	7037265.00506		22.6	63.9	129	39.6	3
B	73190	SOIL	04/08/1999	10600	12000	550076.9959	7037269.00425		15.2	77.8	216	21.2	5
B	73191	SOIL	04/08/1999	10600	12100	550177.0015	7037272.00364	JUST ABOUT AT RIDGE CREST	13.6	70.4	429	29.2	2
B	73192	SOIL	04/08/1999	10600	12200	550276.9989	7037276.00282	CROSSED CLAIM LINES @ 121+41E	13.9	67.1	207	45.9	3
B	73193	SOIL	04/08/1999	10600	12300	550376.9962	7037279.00221		25.2	88.1	316	45.4	2
B	73194	SOIL	04/08/1999	10600	12400	550477.0018	7037283.0014	QTZ EYE DACITE FRAGS DOMINATE HERE	37.4	83.3	184	12.1	1
B	73195	SOIL	04/08/1999	10600	12500	550576.9992	7037286.00079	QTZ EYE DACITE & FELDSPAR PYRITIC DACITE	21	78.6	205	42.6	3
B	73196	SOIL	04/08/1999	10600	12600	550676.9965	7037289.99998	SMALL OUTCROP OF BIOTITE SCHISTS AT 125+30E	22.6	74.5	166	16.7	4
B	73197	SOIL	04/08/1999	10600	12700	550777.0021	7037292.99937	HIT RIDGE CREST AT 126+25	20.6	60.9	141	39.3	3
B	74866	SOIL	04/08/1999	9600	10800	548912.9961	7036226.99635		21.9	71.1	87	43.3	9
B	74867	SOIL	04/08/1999	9600	10700	548812.9987	7036223.99696		34	78.9	454	225.8	35
B	74868	SOIL	04/08/1999	9600	10600	548713.0013	7036219.99777		14.3	37.3	237	39.3	6
B	74869	SOIL	04/08/1999	9600	10500	548613.004	7036216.99838		17.3	78.8	272	189.1	13
B	74870	SOIL	04/08/1999	9600	10400	548512.9984	7036212.9992		38.4	122.8	279	639.5	53
B	74871	SOIL	04/08/1999	9600	10300	548413.0010	7036209.99981	QTZ EVERYWHERE	13.2	54.3	82	153.3	12
B	74872	SOIL	04/08/1999	9600	10200	548313.0037	7036207.00042		26	123.1	629	651.8	73
B	74873	SOIL	04/08/1999	9600	10100	548212.9981	7036203.00123		17.8	73	106	121	6
B	74874	SOIL	04/08/1999	9800	10100	548205.9974	7036403.00052		68.5	208.2	620	363	47
B	74875	SOIL	04/08/1999	9800	10200	548306.003	7036406.99971	NEAR BOULDERS AT SULPHIDES	1422.8	2188.4	2608	991.2	193
B	74876	SOIL	04/08/1999	9800	10300	548406.0003	7036409.9991		51.5	115.6	272	697.7	66
B	74877	SOIL	04/08/1999	9800	10400	548505.9977	7036413.99828	EXTREME BUCKBRUSH	180.5	202.1	346	1069.9	131
B	74878	SOIL	04/08/1999	9800	10500	548606.0033	7036416.99767		64.3	162.9	859	564.1	101
B	74879	SOIL	04/08/1999	9800	10600	548706.0006	7036420.99686		16.2	74.5	130	105.2	13
B	74880	SOIL	04/08/1999	9800	10700	548805.998	7036423.99625		70.2	123.2	573	332.4	24
B	74881	SOIL	04/08/1999	9800	10800	548906.0036	7036428.00543		23.2	79.4	112	24.9	6
B	74882	SOIL	04/08/1999	9800	10900	549006.0009	7036431.00482		26.6	36.5	135	16.2	5

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	74883	SOIL	04/08/1999	9800	11000	549105.9983	7036435.00401		24.4	73.9	161	321.3	15
B	74884	SOIL	04/08/1999	9800	11100	549206.0039	7036438.0034	10 UP FROM CREEK B/C SEDIMENT	29	103.6	484	297.6	17
B	73171	SOIL	03/08/1999	11600	10100	548143.9969	7038202.00434	ORGANIC RICH, SANDY LAYER IN THE PEAT	27.9	99.3	211	62.1	9
B	73172	SOIL	03/08/1999	11600	10200	548242.9965	7038205.00373		37.7	90	995	82.1	49
B	73173	SOIL	03/08/1999	11600	10300	548343.0021	7038209.00292		30.3	121.9	352	193.1	31
B	73174	SOIL	03/08/1999	11600	10400	548442.9994	7038212.0023		11.8	118.8	58	12.3	4
B	73175	SOIL	03/08/1999	11600	10500	548542.9968	7038215.00169	ATOP GENTLE RIDGE CREST	20.7	74.7	225	48.3	41
B	73176	SOIL	03/08/1999	11600	10600	548643.0024	7038219.00088		31.5	107	465	195.9	11
B	73177	SOIL	03/08/1999	11600	10700	548742.002	7038222.00027	NEAR HEAD OF GULLEY	22.4	139.3	282	77.7	7
B	73178	SOIL	03/08/1999	11600	10800	548841.9993	7038225.99946	FRAGS OF ORTHOGNEISS GRANITE	102.8	96	167	113.6	5
B	73179	SOIL	03/08/1999	11600	10900	548941.9967	7038228.99885		88.5	82.1	165	86.8	7
B	74834	SOIL	03/08/1999	11400	9100	547150.9993	7037970.00156		17.2	84.5	148	5.3	2
B	74835	SOIL	03/08/1999	11400	9200	547250.9967	7037973.00095		44.3	293.5	202	13.2	6
B	74836	SOIL	03/08/1999	11400	9300	547351.0023	7037976.00034	SCHIST	24.7	186	72	70.8	5
B	74837	SOIL	03/08/1999	11400	9400	547450.9996	7037979.99953		17.8	67.1	133	39.6	5
B	74838	SOIL	03/08/1999	11400	9500	547550.997	7037982.99892		18.5	81.3	499	149.6	9
B	74839	SOIL	03/08/1999	11400	9600	547651.0026	7037985.99831	SCHIST WITH QTZ VEINS	24.2	98.6	498	129.6	5
B	74840	SOIL	03/08/1999	11400	9700	547750.9999	7037988.9977		42.6	119.2	170	287.6	4
B	74841	SOIL	03/08/1999	11400	9800	547850.9973	7037991.99709	QTZITE TALUS	38.4	85.9	192	136.6	7
B	74842	SOIL	03/08/1999	11400	9900	547951.0029	7037994.99648		51.9	107.2	170	122.3	4
B	74843	SOIL	03/08/1999	11400	10900	548951.9989	7038029.99935		22.8	70.1	531	33.5	3
B	74844	SOIL	03/08/1999	11400	10800	548852.0015	7038026.99996		11.4	76	42	36.8	2
B	74845	SOIL	03/08/1999	11400	10700	548751.9959	7038023.00078		19	81.1	34	57.3	3
B	74846	SOIL	03/08/1999	11400	10600	548651.9986	7038020.00139		17.3	47.5	40	47.3	8
B	74847	SOIL	03/08/1999	11400	10500	548551.0035	7038016.0022		10.4	49.9	35	25.3	3
B	74848	SOIL	03/08/1999	11400	10400	548450.9979	7038013.00281	DUG PIT QTZITE SCHIST W/QTZ VEINS	12.6	93.1	35	100.6	5
B	74849	SOIL	03/08/1999	11400	10300	548351.0005	7038009.00362	SCHIST	15.4	51.7	32	118.3	3
B	74850	SOIL	03/08/1999	11400	10200	548251.0032	7038006.00423		102.5	129.8	731	112.5	9
B	74851	SOIL	03/08/1999	11400	10100	548150.9976	7038002.00505		21.6	65.7	137	25.1	4
B	74903	SOIL	03/08/1999	11200	9100	547158.0000	7037767.00288	ORGANIC RICH LAYERS ABOVE PERMAFROST	11.8	47.6	342	6.8	5
B	74904	SOIL	03/08/1999	11200	9200	547257.9974	7037771.00207		15.4	72	322	10.2	6
B	74905	SOIL	03/08/1999	11200	9300	547358.003	7037774.00146		14	62.1	97	80.4	18
B	74906	SOIL	03/08/1999	11200	9400	547458.0003	7037778.00064	SMALL CHIPS OF QTZ MUSCOVITE SCHIST	16.7	48.8	161	94	5
B	74907	SOIL	03/08/1999	11200	9500	547557.9977	7037781.00003		22.3	62.1	130	74.4	6
B	74908	SOIL	03/08/1999	11200	9600	547658.0033	7037784.99922	QTZ MUSCOVITE SCHIST CLASTS	14.8	54.8	87	46.8	4
B	74909	SOIL	03/08/1999	11200	9700	547758.0006	7037787.99861	SANDY SILT WITH MICA FLAKES	15.4	48.2	150	94.1	4
B	74910	SOIL	03/08/1999	11200	9800	547857.998	7037791.9978		23.9	66.5	94	12.4	1
B	74911	SOIL	03/08/1999	11200	9900	547958.0036	7037794.99718	MUSCOVITE SCHIST & GRANITIC CLASTS	27.4	85	135	38	2
B	74912	SOIL	03/08/1999	11200	10100	548157.9983	7037803.00555	DARK BROWN	53.2	167.1	230	117.4	7
B	74913	SOIL	03/08/1999	11200	10200	548258.0039	7037807.00474	MARBLE CLASTS IN BROWN BLACK SOIL	80.3	323.2	533	90.4	13
B	74914	SOIL	03/08/1999	11200	10300	548358.0013	7037810.00413	QTZ CHLORITE MUSCOVITE SCHIST CHIPS	25.7	87.6	153	124.6	6
B	74915	SOIL	03/08/1999	11200	10400	548457.9986	7037814.00332	RUSTY QTZ CLASTS	21.2	41.6	151	108.7	3
B	74916	SOIL	03/08/1999	11200	10500	548557.996	7037818.0025		24.9	61.2	68	18.6	1
B	74917	SOIL	03/08/1999	11200	10600	548658.9993	7037822.00169	ORANGE SILTY SAND	22.9	69.6	111	40.4	5
B	74918	SOIL	03/08/1999	11200	10700	548758.9967	7037826.00087		28.6	100.1	1225	290.9	20
B	74919	SOIL	03/08/1999	11200	10800	548859.0023	7037830.00006		29.3	89	221	59.1	8
B	74920	SOIL	03/08/1999	11200	10900	548958.9996	7037833.99925		31.3	58.8	410	42.6	2
B	73162	SOIL	02/08/1999	11600	9900	547944.0021	7038194.99577		18.9	60.6	49	42	4
B	73163	SOIL	02/08/1999	11600	9800	547843.9966	7038190.99658		21.7	74.3	110	69.9	2
B	73164	SOIL	02/08/1999	11600	9700	547743.9992	7038186.99739	QTZITE & SCHIST FRAGS	34.9	97.2	73	168.2	4
B	73165	SOIL	02/08/1999	11600	9600	547644.0018	7038182.99821	BLOCKS OF GREY TO WHITE BANDED QTZITE	54.4	113.3	147	162	6
B	73166	SOIL	02/08/1999	11600	9500	547543.9962	7038178.99902	SCHIST & QTZ TALUS	43.6	93.6	411	180.8	4

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	73167	SOIL	02/08/1999	11600	9400	547444.9966	7038174.99984	MICACEOUS SOIL, MOSTLY ORTHOGNEISS BLOCKS	69.1	133.8	301	272.9	6
B	73168	SOIL	02/08/1999	11600	9300	547344.9993	7038172.00045	SAMPLE AT 93+85E	44.2	133.2	312	460.1	69
B	73169	SOIL	02/08/1999	11600	9200	547245.0019	7038168.00126	SCHIST & QTZ FRAGS	10.9	130.6	178	48.5	5
B	73170	SOIL	02/08/1999	11600	9100	547144.9963	7038164.00207	LAST 100 METRES IN BORNITE	8.8	148.8	96	6.7	5
B	73144	SOIL	31/07/1999	10800	9900	547971.9968	7037394.9986		10.5	45.5	19	9	2
B	73145	SOIL	31/07/1999	10800	9800	547871.9994	7037391.99921		34	105.1	68	79.1	18
B	73146	SOIL	31/07/1999	10800	9700	547772.0021	7037388.00003	NEAR RIDGETOP, GOOD B HORIZON	15.4	59.8	24	76	13
B	73147	SOIL	31/07/1999	10800	9600	547671.9965	7037385.00064	ORTHOGNEISS FRAGS	20.6	82.1	197	400.5	51
B	73148	SOIL	31/07/1999	10800	9500	547571.9991	7037381.00145	MICACEOUS W/SCHIST FRAGS	74	182	338	994.6	125
B	73149	SOIL	31/07/1999	10800	9400	547472.0018	7037378.00206	ORGANIC SANDY SILT	13.8	68.3	163	66.9	22
B	73150	SOIL	31/07/1999	10800	9300	547371.9962	7037374.00288		27	183.1	227	12.6	4
B	73151	SOIL	31/07/1999	10800	9200	547271.9988	7037371.00349	MICACEOUS	7.2	75.2	57	5.3	2
B	73152	SOIL	31/07/1999	10800	9100	547172.0015	7037367.0043	IN CREEK GULLEY FOR LAST 25 M	8.3	69.7	94	5	4
B	73153	SOIL	31/07/1999	10800	10100	548171.9997	7037401.99718		10.8	56.3	75	8.8	2
B	73154	SOIL	31/07/1999	10800	10200	548271.9971	7037405.99636		12.7	68.9	179	8.4	3
B	73155	SOIL	31/07/1999	10800	10300	548372.0027	7037410.00555		11.7	49.8	25	6.2	10
B	73156	SOIL	31/07/1999	10800	10400	548472.9978	7037413.00494		10.9	58.4	104	17.3	6
B	73157	SOIL	31/07/1999	10800	10500	548573.0034	7037417.00412		10	55.5	95	65.2	3
B	73158	SOIL	31/07/1999	10800	10600	548673.0008	7037420.00351	ORTHOGNEISS FRAGS	19.5	73.1	171	42	7
B	73159	SOIL	31/07/1999	10800	10700	548772.9981	7037424.0027	THICK PEAT OVERTOP	54.3	86.3	351	56.2	10
B	73160	SOIL	31/07/1999	10800	10800	548874.0015	7037427.00209	WITHIN CREEK GULLEY	89.9	128.5	1148	124	18
B	73161	SOIL	31/07/1999	10800	10900	548973.9988	7037431.00128	JUST CROSSED OVER RIDGE	12.8	44	153	16	2
B	74781	SOIL	31/07/1999	11000	9100	547164.003	7037567.00359	QTZ & MUSCOVITE. SCHIST CLASTS	12.8	99.8	105	6.5	3
B	74782	SOIL	31/07/1999	11000	9200	547264.0004	7037571.00278	GRANITIC & QTZ CLASTS	14	81.8	140	143.1	9
B	74783	SOIL	31/07/1999	11000	9300	547363.9977	7037574.00217		18	90.6	158	76.3	8
B	74784	SOIL	31/07/1999	11000	9400	547464.0033	7037578.00135		18	71.6	111	60.9	6
B	74785	SOIL	31/07/1999	11000	9500	547564.0007	7037581.00074	SANDY SILT WITH MICA FLAKES	14.3	70.2	167	108.1	8
B	74786	SOIL	31/07/1999	11000	9600	547663.9980	7037584.99993	BLACK SOIL 35 CM DEEP ABOVE BLOCKY HORNFELSED QTZ	18.5	63.2	552	68.9	15
B	74787	SOIL	31/07/1999	11000	9700	547764.0036	7037587.99932	SANDY SILT WITH QTZ & MUSCOVITE SCHIST CHIPS	32.5	77.7	417	73	36
B	74788	SOIL	31/07/1999	11000	9800	547864.001	7037591.9985	MUSCOVITE SCHISTS CHIPS	17	112.1	277	63.9	6
B	74789	SOIL	31/07/1999	11000	9900	547964.9961	7037594.99789	QTZ SCHIST CHIPS	16.6	95	96	5.4	3
B	74790	SOIL	31/07/1999	11000	10100	548164.9990	7037601.99647	CHIPS OF GRANITE OR OTHOGNEISS	17.5	90.3	64	6.6	1
B	74791	SOIL	31/07/1999	11000	10200	548264.9964	7037606.00565	CHIPS OF ORTHOGNEISS OR QTZ SCHIST	17.9	79.8	46	8.3	1
B	74792	SOIL	31/07/1999	11000	10300	548365.002	7037610.00484	SOIL MOSTLY GREY WITH ORANGE BANDS	17.6	57.8	129	54	5
B	74793	SOIL	31/07/1999	11000	10400	548464.9993	7037613.00423	RUSTY QUARTZITE	17.4	70.5	348	158	7
B	74794	SOIL	31/07/1999	11000	10500	548564.9967	7037617.00341		24.9	56.5	124	95.1	3
B	74795	SOIL	31/07/1999	11000	10600	548665.0023	7037620.0028		29.2	108.5	437	90.9	4
B	74796	SOIL	31/07/1999	11000	10700	548764.9996	7037624.00199		43.2	76.5	100	103.3	10
B	74797	SOIL	31/07/1999	11000	10800	548864.997	7037627.00138	SMALL CHIPS OF GRANITIC ORTHOGNEISS	37.4	80.3	299	157.4	2
B	74798	SOIL	31/07/1999	11000	10900	548965.0026	7037631.00057	MUSCOVITE QTZ SCHIST CHIPS	17.1	96.8	366	84.9	4
B	74809	SOIL	31/07/1999	10600	9100	547179.9999	7037165.00542		9.7	66.1	78	6.3	4
B	74810	SOIL	31/07/1999	10600	9200	547279.9973	7037169.0046		11.6	88.2	51	3.6	1
B	74811	SOIL	31/07/1999	10600	9300	547380.0029	7037173.00379	FROZEN	9.3	80.9	55	4	2
B	74812	SOIL	31/07/1999	10600	9400	547479.0025	7037176.00318	FROZEN	13.4	47	55	8.9	2
B	74813	SOIL	31/07/1999	10600	9500	547578.9999	7037180.00237	FROZEN	24.4	71.6	23	68.1	4
B	74814	SOIL	31/07/1999	10600	9600	547678.9972	7037184.00155		35.2	60.6	319	47	6
B	74815	SOIL	31/07/1999	10600	9700	547779.0028	7037188.00074		9.6	57.5	34	39.4	8
B	74816	SOIL	31/07/1999	10600	9800	547879.0002	7037191.00013		10.8	61.5	214	17.3	3
B	74817	SOIL	31/07/1999	10600	9900	547978.9975	7037194.99931		8.5	70.9	48	7.2	0
B	74818	SOIL	31/07/1999	10600	10100	548178.0027	7037202.99768		11	58.9	63	6.1	2
B	74819	SOIL	31/07/1999	10600	10200	548278.0001	7037205.99707		12.3	52.2	79	9.9	2
B	74820	SOIL	31/07/1999	10600	10300	548377.9974	7037209.99626		12.5	58.7	111	18.9	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	74821	SOIL	31/07/1999	10600	10400	548478.0030	7037213.00565		13.1	65.5	298	60.2	3
B	74822	SOIL	31/07/1999	10600	10500	548578.0004	7037216.00504		9.6	48.7	35	18.4	2
B	74823	SOIL	31/07/1999	10600	10600	548677.9977	7037220.00422		10.8	64.8	131	35.5	3
B	74824	SOIL	31/07/1999	10600	10700	548778.0033	7037223.00361		15.7	83.2	127	53	6
B	74825	SOIL	31/07/1999	10600	10800	548878.0007	7037227.0028		12.7	62.1	69	38.7	3
B	74826	SOIL	31/07/1999	10600	10900	548977.9980	7037230.00219		53.9	73.2	229	51.1	3
B	71887	SOIL	30/07/1999	12200	9900	547923.9977	7038794.00384		19.3	45.5	176	15.8	6
B	71888	SOIL	30/07/1999	12200	9800	547824.0004	7038790.00465		18	60.6	98	80	4
B	71889	SOIL	30/07/1999	12200	9700	547725.0008	7038787.00526		17.2	80.6	159	100.8	4
B	71890	SOIL	30/07/1999	12200	9600	547625.0034	7038782.99608		18.7	77.5	75	30.8	2
B	71891	SOIL	30/07/1999	12200	9500	547526.0038	7038778.99689		11.6	134.8	68	6.2	0
B	71892	SOIL	30/07/1999	12200	9400	547425.9982	7038774.99771		16.9	53.7	208	13.3	4
B	71893	SOIL	30/07/1999	12200	9300	547326.9986	7038771.99832		35	91.5	229	91.5	6
B	71894	SOIL	30/07/1999	12200	9200	547227.0013	7038767.99913		12.3	65.3	120	59	49
B	71895	SOIL	30/07/1999	12200	9100	547128.0016	7038763.99995		10	54.1	79	8.4	1
B	71896	SOIL	30/07/1999	12200	10900	548922.0005	7038829.99651	END OF LINE	37.8	97.1	456	59	7
B	71897	SOIL	30/07/1999	12200	10800	548822.0032	7038825.99733		50	110.5	301	82.7	28
B	71898	SOIL	30/07/1999	12200	10700	548721.9976	7038822.99794		28.5	65.2	342	33.5	4
B	71899	SOIL	30/07/1999	12200	10580	548622.0002	7038818.99875	FROZEN	19.9	48.1	163	19.6	5
B	73126	SOIL	30/07/1999	12000	9900	547930.0007	7038595.00435	QTZ BIOTITE SCHIST DOMINATES TALUS	22.6	53.4	258	43.1	1
B	73127	SOIL	30/07/1999	12000	9800	547830.0034	7038591.00516	QTZ BIOTITE SCHIST DOMINATES TALUS	21.2	44.6	201	28.7	1
B	73128	SOIL	30/07/1999	12000	9700	547729	7038587.99577	CREEK FINES, SOIL SITE	47.4	75.5	168	74.5	6
B	73129	SOIL	30/07/1999	12000	9600	547629.0027	7038583.99659	ROUNDED RIDGE, QTZITE TALUS	89	113.6	530	247.5	10
B	73130	SOIL	30/07/1999	12000	9500	547528.9971	7038580.9972	QTZITE OUTCROP & DEBRIS	69.4	80.7	186	99.4	4
B	73131	SOIL	30/07/1999	12000	9400	547428.9997	7038576.99801	TALUS FINES, FRAGS OF WELL LAYERED QTZITE	61.8	93.1	261	210.2	5
B	73132	SOIL	30/07/1999	12000	9300	547327.9964	7038573.99862	~50M TO GULLEY ON STEEP CREEK	22.6	54.2	312	150.3	6
B	73133	SOIL	30/07/1999	12000	9200	547227.999	7038569.99944	IN BURN	10.5	51.5	80	25.8	4
B	73134	SOIL	30/07/1999	12000	9100	547128.0016	7038567.00005		9.6	57.2	104	6.5	2
B	73135	SOIL	30/07/1999	12000	10100	548128.9977	7038602.00292	NEAR TOP OF HILL	12.4	63.5	165	29	1
B	73136	SOIL	30/07/1999	12000	10200	548229.0033	7038605.00231		12.2	54.3	21	17.8	3
B	73137	SOIL	30/07/1999	12000	10300	548329.0006	7038609.0015		16.4	56.7	68	26.6	2
B	73138	SOIL	30/07/1999	12000	10400	548428.0002	7038613.00068	CROSSED CREEK AT 103+95 MTL FROM HILLSIDE	34.7	58.4	220	50.5	3
B	73139	SOIL	30/07/1999	12000	10500	548527.9976	7038616.00007	SILTY SAND OUTCROP OF PEATY PERMAFROST	21.9	62.7	120	34.1	2
B	73140	SOIL	30/07/1999	12000	10600	548626.9972	7038619.99926	PERMAFROST W/GRAVEL	28.2	71.7	319	35.3	4
B	73141	SOIL	30/07/1999	12000	10700	548727.0028	7038623.99844	MUCKY SILT	34.6	89.9	327	31.7	4
B	73142	SOIL	30/07/1999	12000	10800	548826.0024	7038626.99783	CHUNKS OF ORTHOGNEISS	31.5	113.3	414	60.9	9
B	73143	SOIL	30/07/1999	12000	10900	548925.9997	7038630.99702	ORTHOGNEISS BROOKS AROUND	27.9	92.9	297	43	6
B	74763	SOIL	30/07/1999	11800	9900	547937.0014	7038395.00505	CLASTS OF CHLORITE, MUSCOVITE SCHIST	49.6	62.7	344	79.7	3
B	74764	SOIL	30/07/1999	11800	9800	547837.0041	7038392.00567		67.8	68.3	347	90	3
B	74765	SOIL	30/07/1999	11800	9700	547736.9985	7038388.99628	QTZ SCHIST CLASTS	32.9	42.8	100	37.3	2
B	74766	SOIL	30/07/1999	11800	9600	547637.0011	7038385.99689	FELDSPAR AUGEN GNEISS & QTZ MUSOVICTE SCHIST CLAST	18	64.5	106	46.7	2
B	74767	SOIL	30/07/1999	11800	9500	547537.0038	7038382.9975	HORNFELSED QTZ MUSCOVITE SCHIST	21	76.6	422	80.9	4
B	74768	SOIL	30/07/1999	11800	9400	547437.9959	7038378.99831	HORNFELSED QTZ MUSCOVITE SCHIST	23	89.9	596	157.8	10
B	74769	SOIL	30/07/1999	11800	9300	547337.9986	7038375.99892	5M WEST OF CREEK	10.2	59.8	86	17.2	5
B	74770	SOIL	30/07/1999	11800	9200	547238.0012	7038372.99953	DARK BROWN SOIL IN ALDERS	7.9	49.2	150	6.6	3
B	74771	SOIL	30/07/1999	11800	9100	547138.0039	7038370.00014	THICK ORGANIC LAYER, QTZ MUSCOVITE SCHIST CHIPS	7.2	46	145	5.2	2
B	74772	SOIL	30/07/1999	11800	10100	548136.9961	7038402.00363	MUSCOVITE SCHISTS CLASTS	73.9	55.9	542	68.7	6
B	74773	SOIL	30/07/1999	11800	10200	548237.0017	7038406.00282	QTZ CLAST WITH TRACE PYRITE	88.9	70.7	440	194.5	4
B	74774	SOIL	30/07/1999	11800	10300	548336.9991	7038410.002		52.1	60.7	55	60.4	3
B	74775	SOIL	30/07/1999	11800	10400	548435.9987	7038413.00139		52.3	77.3	581	91.2	11
B	74776	SOIL	30/07/1999	11800	10500	548535.9960	7038417.00058	QTZ & MUSCOVITE, QTZ SCHIST CLASTS	42.7	90	465	79	8
B	74777	SOIL	30/07/1999	11800	10600	548636.0016	7038420.99976		57.5	74.5	384	83.3	11

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B	74778	SOIL	30/07/1999	11800	10700	548735.999	7038424.99895		114.8	121.3	1633	132.4	11
B	74779	SOIL	30/07/1999	11800	10800	548835.9964	7038427.99834		62.3	70.7	881	58.4	4
B	74780	SOIL	30/07/1999	11800	10900	548936.002	7038431.99753	QTZ & GRANITIC ORTHOGNEISS CLASTS	66.8	104	116	59.3	5
B	74800	SOIL	30/07/1999	12200	10500	548522.0029	7038815.99936		55.2	70.7	301	77.8	7
B	74801	SOIL	30/07/1999	12200	10400	548423.0032	7038812.00018	SOME FROZEN	17.7	55.9	118	26.3	3
B	74802	SOIL	30/07/1999	12200	10300	548322.9976	7038809.00079		36.4	83.1	204	71.5	5
B	74803	SOIL	30/07/1999	12200	10200	548223.0003	7038805.0016		24.9	65.3	73	51.1	4
B	74804	SOIL	30/07/1999	12200	10100	548123.0029	7038802.00221		17.9	39.9	22	32.2	1
B	71852	SOIL	29/07/1999	9200	9000	547128.0016	7035765.00038	END OF LINE	9	55.9	124	6.6	3
B	71853	SOIL	29/07/1999	9200	9100	547227.999	7035768.99957		12.5	71.3	78	11.5	1
B	71854	SOIL	29/07/1999	9200	9200	547327.9964	7035771.99896	MOSTLY ROCK TALUS	4.9	18.1	31	4	0
B	71855	SOIL	29/07/1999	9200	9300	547428.002	7035775.99815		10.9	64.9	34	13.8	8
B	71856	SOIL	29/07/1999	9200	9400	547527.9993	7035778.99754		9.9	66.5	36	8	4
B	71857	SOIL	29/07/1999	9200	9500	547627.9967	7035782.99672		10.8	67.3	22	10.9	13
B	71858	SOIL	29/07/1999	9200	9600	547726.9963	7035785.99611		9.6	46.6	45	3.9	2
B	71859	SOIL	29/07/1999	9200	9700	547827.0019	7035790.0053		8.7	59.7	43	6	1
B	71860	SOIL	29/07/1999	9200	9800	547926.9992	7035793.00468		7	35.7	162	4.1	1
B	71861	SOIL	29/07/1999	9200	9900	548026.9966	7035797.00387		8.9	92.9	72	6.5	8
B	71862	SOIL	29/07/1999	9200	10000	548127.0022	7035800.00326		10.5	78.9	236	6.7	3
B	71881	SOIL	29/07/1999	9800	10000	548106	7036400.00113	FROZEN	38.1	138.7	223	251.1	30
B	71882	SOIL	29/07/1999	9700	10000	548109.9992	7036300.00149	FROZEN	21.1	85.7	166	195.5	19
B	71883	SOIL	29/07/1999	9600	10000	548113.0007	7036200.00184	FROZEN	15.2	80.1	101	75.8	5
B	71884	SOIL	29/07/1999	9500	10000	548117	7036100.0022	FROZEN	15.7	82.7	122	106.3	8
B	71885	SOIL	29/07/1999	9400	10000	548120.0015	7036000.00255		13.4	67.4	122	47.2	8
B	71886	SOIL	29/07/1999	9300	10000	548124.0007	7035900.00291		9.2	63.4	120	6.8	3
B	73103	SOIL	29/07/1999	10000	10000	548098.9993	7036599.00063	ORIGIN	23.7	97.8	239	85.2	10
B	73104	SOIL	29/07/1999	10100	10000	548095.9978	7036699.00027		16.8	63.8	263	52	16
B	73105	SOIL	29/07/1999	10200	10000	548091.9986	7036798.99992		11.6	56.4	105	40.2	25
B	73106	SOIL	29/07/1999	10300	10000	548088.9971	7036898.99956		11.6	55.7	76	16.8	3
B	73107	SOIL	29/07/1999	10400	10000	548084.9978	7036998.99921	JUST CROSSED OUT OF GULLEY ON HILLSIDE	10.9	46.7	83	24.4	33
B	73108	SOIL	29/07/1999	10500	10000	548081.9964	7037098.99885	BIOT SCHIST IN QUARTZ BOUDINS	8.5	61.7	187	3.6	2
B	73109	SOIL	29/07/1999	10600	10000	548077.9971	7037198.9985		7.6	56.9	33	7.4	3
B	73110	SOIL	29/07/1999	10700	10000	548075.0039	7037298.99814	100 METRES DOWN FROM RIDGETOP	9.1	63.2	41	4.2	0
B	73111	SOIL	29/07/1999	10800	10000	548072.0024	7037398.99779	NO ROCK, SILTY	11.1	42.5	36	7.9	2
B	73112	SOIL	29/07/1999	10900	10000	548068.0032	7037498.99743		17.8	71.8	202	6.3	3
B	73113	SOIL	29/07/1999	11000	10000	548065.0017	7037598.99708	NEAR TOP OF RIDGE	17.3	82.5	55	3.4	3
B	73114	SOIL	29/07/1999	11100	10000	548061.0024	7037698.99673	NEAR PERMAFROST	15	77	89	6	3
B	73115	SOIL	29/07/1999	11200	10000	548058.0009	7037798.99637		35.4	118.9	170	113.3	12
B	73116	SOIL	29/07/1999	11300	10000	548054.0017	7037898.99602	MICACEOUS	34.3	99.1	190	63.9	6
B	73117	SOIL	29/07/1999	11400	10000	548051.0002	7037999.00566	FELDSPAR ORIGIN ORTHOGNEISS	55.8	61.9	327	35	7
B	73118	SOIL	29/07/1999	11500	10000	548047.001	7038098.00551		19.8	95.2	78	122.6	3
B	73119	SOIL	29/07/1999	11600	10000	548043.9995	7038198.00515	QTZ FELDSPAR BIOTITE SCHIST FRAGS	41.3	104.5	90	160.3	4
B	73120	SOIL	29/07/1999	11700	10000	548040.0003	7038298.0048	QTZ CHIPS & MUSCOVITIE SCHIST	82.4	98.6	550	113.3	5
B	73121	SOIL	29/07/1999	11800	10000	548036.9988	7038398.00444	NEAR GULLEY (~25M)	66.2	81.5	675	180.4	24
B	73122	SOIL	29/07/1999	11900	10000	548032.9995	7038498.00409		26.4	82.9	247	129.2	1
B	73123	SOIL	29/07/1999	12000	10000	548029.9981	7038598.00374	QTZITE FRAGS AND BIOTITE SCHIST	91.9	96	216	178.3	3
B	73124	SOIL	29/07/1999	12100	10000	548025.9988	7038698.00338	ANGULAR COBBLES OF QTZ FELDSPAR BIOTITE SCHIST	37.4	73.9	222	71.3	2
B	73125	SOIL	29/07/1999	12200	10000	548022.9973	7038798.00303	CHUNK OF HORNFELSED QTZ FELSPAR BIOTITE SCHIST	18.9	54.7	86	18.3	1
B-P1	77058	GRAB	30/07/2000	9400	10700	548770	7036025	PIT #1, MICA ASPY IN SHEARED GOUGE ZONE 10 CM WIDE	131.2	205.7	770	54.7	16
B-P1	77059	GRAB	30/07/2000	9400	10700	548770	7036025	PIT # 1, SILICIFIED QUARTZ WITH MINOR DISS, ASPY I	121.1	143.4	714	60.8	10
B-P10	77073	GRAB	01/08/2000	0	0	547684	7037121	PIT# 10 SILICIFIED SCHIST WITH TRACE OF MINOR PY S	3.8	17.4	106	38.4	2
B-P10	77074	GRAB	01/08/2000	0	0	547684	7037121	PIT# 10 RUSTY SERICITE BIOTITE QUARTZ SCHIST INPIT	7.4	89	326	105.2	5

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B-P11	77075	GRAB	01/08/2000	0	0	547721	7037103	PIT# 11 PY IN QUARTZ PEGMATITE LAYERS S2 PARALLEL	3.8	8.5	32	23.4	2
B-P11	77076	GRAB	01/08/2000	0	0	547721	7037103	PIT# 11 5cm WIDE PEGMATITE LAYER , - 5cm WIDE FOLI	11.3	30.7	85	213.2	18
B-P11	77077	GRAB	01/08/2000	0	0	547721	7037103	PIT #11 QTZ-BIOTITE SCHIST WITH 0.5 TO 1.0 cm WID	13.6	67.1	117	23	14
B-P2	77069	GRAB	31/07/2000	0	0	547654	7037368	FROM PIT #2 ALONG TRENCH 8 WE HAVE PERVASIVELY, IN	5.7	46.5	192	6.5	3
B-P2	77070	GRAB	31/07/2000	0	0	547654	7037368	FROM PIT #2 IN TRENCH 8 SOME STRATIFIED UNIT AS LA	6.5	54.9	78	4.1	1
B-P2	77060	GRAB	30/07/2000	9400	10650	548720	7036025	PIT # 2, SILICIFIED QUARTZ BANDS IN QUARTZITE (<3c	20	42.5	136	20	4
B-P3	77061	GRAB	30/07/2000	9400	10600	548670	7036021	PIT #3, GRAPHITE LAYERS IN MUSCOVITE - QTZ SCHIST,	39.3	247.2	653	160.5	19
B-P4	76690	GRAB	01/08/2000	0	0	547751	7037133	PIT # 4, LIMONITIC GOUGE CUTTING ACROSS WALL ROCK	13.6	81.7	339	50.4	17
B-P4	76691	GRAB	01/08/2000	0	0	547751	7037133	PIT # 4, SMALL DYKE(?), COMPETENT MAFIC LOOKING UN	1.7	51.1	32	4.6	2
B-P4	76692	GRAB	01/08/2000	0	0	547751	7037133	PIT # 4, FLAGGY, SHALE-LIKE UNIT IN BASE OF PIT	4.9	78	124	7.9	4
B-P5	76693	GRAB	01/08/2000	0	0	547716	7037145	PIT # 5, BULL QTZ VEIN IN FLOAT IN PIT, GREY, GLAS	1.6	3.1	18	35.1	1
B-P5	76694	GRAB	01/08/2000	0	0	547716	7037145	PIT # 5, GLASSY GREY QTZ VEIN PARALLEL TO Sr, LOOK	3.6	15.8	15	4.9	0
B-P6	76695	GRAB	01/08/2000	0	0	547680	7037156	PIT # 6, DISCONTINUOUS FOLIAFORM GLASSY WHITE QTZ	3.4	18.9	118	92.2	13
B-P7	76696	GRAB	01/08/2000	0	0	547640	7037169	PIT # 7, PEGMATITE AND QTZ VEIN IN SCHISTS	12.4	54.7	141	163.9	4
B-P7	77332	GRAB	31/07/2000	10600	9600	547640	7037169	PIT # 7 QUARTZ VEIN , = 10 CM WIDE x/m LONG EXPOSE	22.5	42.6	154	188.2	10
B-P8	76697	GRAB	01/08/2000	0	0	547596	7037184	PIT # 8, SILICIFIED GREY SCHIST IN WALL ROCK OF QT	10.8	84.3	167	3.3	2
B-P8	76698	GRAB	01/08/2000	0	0	547596	7037184	PIT # 8, GRANITIC VEIN CUTTING QUARTZITES, ENVELOP	8	82	52	3.2	1
B-P8	77338	GRAB	01/08/2000	0	0	547596	7037184	PIT # 8, VITREOUS LIMONITIC QTZ VEIN, MAY BE MAGMA	2.8	5.6	28	8.6	1
B-P8	77339	GRAB	01/08/2000	0	0	547596	7037184	PIT # 8, PEGMATITE SILL WITH MUSCOVITE	14.1	11.8	61	1.2	0
B-P9	77351	CHIP	05/08/2000	0	0	547655	7037141	PIT-9 10-12M	9	30.7	296	269.8	17
B-P9	77350	CHIP	04/08/2000	0	0	547654	7037142	PIT-9 8-10M	17.4	53.6	398	384.3	66
B-P9	77349	CHIP	03/08/2000	0	0	547653	7037143	PIT-9 6-8M	17.2	37.7	336	560.3	46
B-P9	77348	CHIP	02/08/2000	0	0	547651	7037145	PIT-9 4-6M	34.1	25.4	461	2369.4	111
B-P9	77346	CHIP	01/08/2000	0	0	547648	7037148	PIT-9 0-2m	6.3	140.5	584	2.9	5
B-P9	77346	CHIP	01/08/2000	0	0	547648	7037148	PIT-9 0-2m	17.7	49.2	573	375.4	80
B-P9	77347	CHIP	01/08/2000	0	0	547650	7037146	PIT-9 2-4M	11.1	82.4	624	877.3	88
B-P9	77358	GRAB	12/08/2000	0	0	547648	7037143	PIT-9 4.5M	2.2	5.2	124	133.5	8
B-P9	77357	GRAB	11/08/2000	0	0	547648	7037142	PIT-9 5.0M	63.9	296.5	129	88.4	6
B-P9	77356	GRAB	10/08/2000	0	0	547651	7037139	PIT-9 9.0M	8.2	30.1	112	231.3	5
B-P9	77355	GRAB	09/08/2000	0	0	547651	7037139	PIT-9 9.0M	6.8	21.5	208	114.1	10
B-P9	77354	GRAB	08/08/2000	0	0	547651	7037140	PIT-9 8.5M	13.2	32.4	69	127	3
B-P9	77353	GRAB	07/08/2000	0	0	547651	7037140	PIT-9 8.5M	14.6	178	212	351.6	8
B-P9	77352	GRAB	06/08/2000	0	0	547650	7037140	PIT-9 8.0M	13	21.3	93	31.3	5
B-PP#1	70453	GRAB	12/09/1999	9400	10400	548520	7036014	PROFILE PIT #1 - QUARTZITE FLOAT	30.7	82.4	582	1287.2	986
B-PP#1	70454	GRAB	12/09/1999	9400	10400	548520	7036014	PROFILE PIT #1 - SCHIST	45	40	825	189.1	7
B-PP#1	70455	GRAB	12/09/1999	9400	10400	548520	7036014	PROFILE PIT #1 - QUARTZ VIENED QUARTZITE	134.9	35.6	1876	240.2	12
B-PP#1	70456	GRAB	12/09/1999	9400	10400	548520	7036014	PROFILE PIT #1 - LIMONITIC QTZ,MUSCOVITE SCHIST	9.8	26	682	404	10
B-PP#1	70457	GRAB	12/09/1999	9400	10400	548520	7036014	PROFILE PIT #1 - FOLIATED QUARTZ	4.8	9.6	33	53.4	3
B-PP#1	70458	GRAB	12/09/1999	9400	10400	548520	7036014	PROFILE PIT #1 - LIMONITIC, FRACTURED QUARTZ	14.1	21.6	448	186.1	398
B-PP#1	70451	SOIL	12/09/1999	9400	10400	548519.9991	7036013.9997	PROFILE PIT #1 - 90CM	32.2	100.3	721	1171	469
B-PP#1	70452	SOIL	12/09/1999	9400	10400	548519.9991	7036013.9997	PROFILE PIT #1 - 50CM	54.7	115.5	1078	2540.3	466
B-PP#2	70467	GRAB	13/09/1999	9400	10500	548620	7036018	PROFILE PIT #2 - FOILIATED VUGGY QUARTZ	3.5	16.6	102	206.6	41
B-PP#2	70463	GRAB	12/09/1999	9400	10500	548620	7036018	PROFILE PIT #2 - QUARTZ	14	4.5	42	5.2	11
B-PP#2	70464	GRAB	12/09/1999	9400	10500	548620	7036018	PROFILE PIT #2 - MUSCOVITE FELDSPAR SCHIST	15.5	51.1	29	3.7	3
B-PP#2	70465	GRAB	12/09/1999	9400	10500	548620	7036018	PROFILE PIT #2 - QUARTZ	28.9	25.8	78	7.8	31
B-PP#2	70466	GRAB	12/09/1999	9400	10500	548620	7036018	PROFILE PIT #2 - STREAKY QUARTZ	18.2	5.1	38	4.3	1
B-PP#2	70460	SOIL	12/09/1999	9400	10500	548619.9965	7036017.99889	PROFILE PIT #2 - 100CM - ORTHOGNEISS BEDROCK (?)	39.6	157.9	157	102.3	14
B-PP#2	70461	SOIL	12/09/1999	9400	10500	548619.9965	7036017.99889	PROFILE PIT #2 - 50CM	26.2	137.4	143	154.3	22
B-PP#2	70462	SOIL	12/09/1999	9400	10500	548619.9965	7036017.99889	PROFILE PIT #2 - 15CM	70.9	72.3	264	149.8	63
B-PP#3	70473	GRAB	13/09/1999	9800	10400	548506	7036414	PROFILE PIT #3 - QUARTZ,MUSCOVITE SCHIST	20.2	42.4	152	133.5	7
B-PP#3	70474	GRAB	13/09/1999	9800	10400	548506	7036414	PROFILE PIT #3 - QUARTZ AUGEN SCHIST	21.2	66.6	59	31.3	6
B-PP#3	70469	SOIL	13/09/1999	9800	10400	548505.9977	7036413.99828	PROFILE PIT #3 - 100CM - ICE AT 100CM	110.2	228.5	588	470.4	108

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
B-PP#3	70470	SOIL	13/09/1999	9800	10400	548505.9977	7036413.99828	PROFILE PIT #3 - 60 - 75CM	86	68	2226	194.2	100
B-PP#3	70471	SOIL	13/09/1999	9800	10400	548505.9977	7036413.99828	PROFILE PIT #3 - 50CM - TALUS ABOVE ORGANIC LAYER	134.1	269.7	2089	732.8	174
B-PP#3	70472	SOIL	13/09/1999	9800	10400	548505.9977	7036413.99828	PROFILE PIT #3 - 15CM	115.4	175.5	600	786.4	120
B-PP#4	70478	GRAB	13/09/1999	9800	10385	548491	7036414	PROFILE PIT #4 - QUARTZ VEINS IN GNEISS	6.9	15.9	127	73.2	9
B-PP#4	70479	GRAB	13/09/1999	9800	10385	548491	7036414	PROFILE PIT #4 - LIMONITIC QUARTZ	4.2	11.7	34	159.3	4
B-PP#4	70480	GRAB	13/09/1999	9800	10385	548491	7036414	PROFILE PIT #4 - VUGGY QUARTZ	24.7	88.3	250	146.7	19
B-PP#4	70481	GRAB	13/09/1999	9800	10385	548491	7036414	PROFILE PIT #4 - LIMONITIC SCHIST	15.7	39.4	175	542.5	16
B-PP#4	70482	GRAB	13/09/1999	9800	10385	548491	7036414	PROFILE PIT #4 - LIMONITIC SCHIST	18.6	231.6	543	113.1	77
B-PP#4	70483	GRAB	13/09/1999	9800	10385	548491	7036414	PROFILE PIT #4 - GALENA IN QTZ,MUSCOVITE SCHIST	120.1	48.5	155	38.5	4
B-PP#4	70475	SOIL	13/09/1999	9800	10385	548490.9985	7036413.99828	PROFILE PIT #4 - 70CM - THIS IS PROBABLY STATION 1	206.1	299.5	755	1135.2	242
B-PP#4	70476	SOIL	13/09/1999	9800	10385	548490.9985	7036413.99828	PROFILE PIT #4 - 40CM	176	289.4	642	885.5	283
B-PP#4	70477	SOIL	13/09/1999	9800	10385	548490.9985	7036413.99828	PROFILE PIT #4 - 10CM	189.8	287.6	665	921.7	270
B-PP#5	70488	GRAB	13/09/1999	9800	10200	548306	7036407	PROFILE PIT #5 - BANDED SPH,GN IN SKARN/MARBLE	7618.1	12422	17277	87.1	26
B-PP#5	70489	GRAB	13/09/1999	9800	10200	548306	7036407	PROFILE PIT #5 - QUARTZ STRINGERS, HARD, MOTTLED	32.8	463.3	139	5.9	0
B-PP#5	70490	GRAB	13/09/1999	9800	10200	548306	7036407	PROFILE PIT #5 - SPH,GN,QUARTZ STRINGERS MOTTLED	116.8	485.8	218	3.7	0
B-PP#5	70491	GRAB	13/09/1999	9800	10200	548306	7036407	PROFILE PIT #5 - BANDED SPH,GN IN SKARN/MARBLE	19448	37556	35068	19.8	228
B-PP#5	70485	SOIL	13/09/1999	9800	10200	548306.003	7036406.99971	PROFILE PIT #5 - 100CM - NEXT TO ZN BEARING SKARN	1017.6	3374.7	3606	841.9	558
B-PP#5	70486	SOIL	13/09/1999	9800	10200	548306.003	7036406.99971	PROFILE PIT #5 - 50CM - NEXT TO ZN BEARING SKARN	1894.3	3709.1	5128	1111.1	328
B-PP#5	70487	SOIL	13/09/1999	9800	10200	548306.003	7036406.99971	PROFILE PIT #5 - 15CM - NEXT TO ZN BEARING SKARN	1593.5	2702.8	3008	912.4	369
B-PP#6	75902	GRAB	14/09/1999	9400	10700	548820	7036025	PROFILE PIT #6 - LIMONITIC QUARTZITE	16.2	79.5	539	73.5	5
B-PP#6	75903	GRAB	14/09/1999	9400	10700	548820	7036025	PROFILE PIT #6 - LIMONITIC QUARTZITE	6.3	91.3	246	40.1	9
B-PP#6	75904	GRAB	14/09/1999	9400	10700	548820	7036025	PROFILE PIT #6 - QTZ VEIN IN QTZ SCHIST	17.3	124.5	237	60.5	3
B-PP#6	75900	SOIL	14/09/1999	9400	10700	548819.9994	7036024.99746	PROFILE PIT #6 - 80CM	55.4	226.6	592	533.3	151
B-PP#6	75901	SOIL	14/09/1999	9400	10700	548819.9994	7036024.99746	PROFILE PIT #6 - 10CM	35.4	116.1	183	147.3	24
B-PP#7	75909	GRAB	14/09/1999	9400	10600	548720	7036022	PROFILE PIT #7 - QTZ,MUSC SCHIST	31.3	128.1	47	73.6	7
B-PP#7	75910	GRAB	14/09/1999	9400	10600	548720	7036022	PROFILE PIT #7 - ORTHOGNEISS	20.7	116.3	106	31.8	8
B-PP#7	75906	SOIL	14/09/1999	9400	10600	548720.0021	7036021.99807	PROFILE PIT #7 - 80CM - ROCKY	114.2	502.7	372	483.9	109
B-PP#7	75907	SOIL	14/09/1999	9400	10600	548720.0021	7036021.99807	PROFILE PIT #7 - 50CM - BASE OF B	49	243	266	318	96
B-PP#7	75908	SOIL	14/09/1999	9400	10600	548720.0021	7036021.99807	PROFILE PIT #7 - 10CM - TOP OF B	61.9	240.1	228	405	92
B-PP1	70683	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, ORANGE LIMONITIC VUGGY QUARTZ	22.7	63.8	91	67.2	4
B-PP1	70684	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, QTZ-TOURMALINE MUSCOVITE PEGMAT	20	50.2	324	87.9	14
B-PP1	70685	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, VERY SMOOTH GREEN SLICKENSLIDES	19.1	15.8	58	17.4	5
B-PP1	70686	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, FOLIATED QUARTZITE SCHIST	41.2	244.9	263	94.7	9
B-PP1	70687	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, MICACEOUS QUARTZ AUGEN GNEISS	20.2	76.6	45	2.6	2
B-PP1	75817	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, BRECCIATED MICACEOUS SILICIFIED	371	91.7	605	1875	179
B-PP1	75818	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, LIMONITIC FRACTURED QUARTZITE	30.5	31.9	44	72.2	16
B-PP1	75819	GRAB	22/07/2000	9300	10600	548685	7035928	PROFILE PIT 00-01, AUGEN GNEISS WITH LIMONITIC CAL	20.6	99.2	59	29	4
B-PP1	75814	SOIL	21/07/2000	9300	10600	548684.9985	7035927.99721	PROFILE OF PIT 00-01, 1M DEEP	133.2	660.8	429	431.3	86
B-PP1	75815	SOIL	21/07/2000	9300	10600	548684.9985	7035927.99721	PROFILE OF PIT 00-01, 90cm DEEP	147	466.4	429	541.3	86
B-PP1	75816	SOIL	21/07/2000	9300	10600	548684.9985	7035927.99721	PROFILE OF PIT 00-01, TOP SOIL	1244.4	410.1	1500	2219.9	1264
B-PP2	70689	GRAB	22/07/2000	9300	10600	548679	7035922	PROFILE PIT 00-02, MICACEOUS SCHIST WITH QTZ VEIN	26.6	80.1	324	181.5	12
B-PP2	70690	GRAB	22/07/2000	9300	10600	548679	7035922	PROFILE PIT 00-02, CHIP SAMPLE OF 2-3 FEET DEEP	40.1	247.3	155	285.9	19
B-PP2	70688	SOIL	22/07/2000	9300	10600	548679.0037	7035921.99843	PROFILE PIT 00-02, SOIL IS OF MICACEOUS SCHIST	51.2	70.6	140	69.6	26
B-PP3	70693	GRAB	22/07/2000	9310	10600	548685	7035938	PIT PROFILE 00-03, QTZ FLOODED, QTZ-TOURMALINE BRE	22.1	11.1	55	19.6	3
B-PP3	70694	GRAB	22/07/2000	9310	10600	548685	7035938	PIT PROFILE 00-03, LIMONITIC MICACEOUS QUARTZITE	5.8	51.2	59	39.3	3
B-PP3	70691	SOIL	22/07/2000	9310	10600	548684.9985	7035938.00517	PIT PROFILE 00-03, 70cm	68.5	258.8	165	624.7	54
B-PP3	70692	SOIL	22/07/2000	9310	10600	548684.9985	7035938.00517	PIT PROFILE 00-03, 20cm	68	84.3	171	130.5	62
C	76671	GRAB	25/07/2000	0	0	549768	7045274	ROAD TRAVERSE, WHITE TO GREY LIMONITIC QTZ VEIN +/	14.8	15.9	32	48.5	5
C	76672	GRAB	25/07/2000	0	0	549984	7045265	VITREOUS WHITE/GREY QTZ VEIN WITH GALENA AND PYRIT	478.1	4	2411	27.6	6
C	76673	GRAB	25/07/2000	0	0	550272	7044892	FOLIATED GRANITE CUT BY QTZ VEINS AND PEGMATITE, P	4.7	12.2	16	72	2
C	76674	GRAB	25/07/2000	0	0	550657	7044385	IN GRAVEL PIT ON SIDE OF ROAD, BLUE/GREY EPITHERMA	4	10.9	29	23.2	1
C	76675	GRAB	25/07/2000	0	0	550891	7044540	MILKY QTZ VEIN WITH LIMONITIC MARGINS, CLOTS OF GA	3919.8	1.3	19997	7.8	28

	GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
C		76676	GRAB	25/07/2000	0	0	550703	7044474	FIBROUS CHLORITE VEINS IN VUGGY, DISCONTINUOUS PEG	28	66.4	146	218.6	2
C		71664	GRAB	19/07/2000	0	0	547368	7047070	1600M, LIMESTONE BOULDER WITH QTZ STRINGERS AT SOI	3.6	10.7	15	8.1	0
C		71667	GRAB	19/07/2000	0	0	547241	7046925	1800M, SKARN WITH MALACHITE AS FLOAT (LOCAL)	2.4	21.8	28	2.6	0
C		76644	GRAB	18/07/2000	0	0	548920	7044262	VALENTITE CREEK, QTZ VEIN VITREOUS AND FRACTURED	6.3	11.5	41	8.2	3
C		76645	GRAB	18/07/2000	0	0	548965	7044246	PSAMMITE CUT BY VUGGY QTZ VEINS	67.8	15.5	127	7.7	2
C		76646	GRAB	18/07/2000	0	0	548721	7044385	PSAMMITE CUT BY QTZ VEINS WITH LIMONITE AND HEMATI	2.3	5.8	122	87.2	7
C		76647	GRAB	18/07/2000	0	0	548710	7044428	WHITE/BLUE QTZ VEIN WITH HEMATITE, ASPY(?) IN GRAN	2.6	6.3	77	8.5	2
C		76648	GRAB	18/07/2000	0	0	549857	7044007	QTZ VEIN FROM THRUST IN DIORITE	1.2	4.1	23	356.7	24
C		64674	GRAB	17/07/2000	0	0	550318	7043674	MINOR ASPY DISSEMINATED AND AS VEINLETS <1mm WIDE	22.5	29.6	79	3.9	2
C		64621	GRAB	13/07/2000	0	0	549663	7043928	VUGGY EUHEDRAL HORNBLENDE WITH QTZ AND MUSCOVITE	24.5	50.3	142	1.6	1
C		64679	GRAB	13/07/2000	0	0	550077	7044033	QTZ VEINS WITH PYRITE CUBES	5.4	68.2	57	2.3	2
C		64680	GRAB	13/07/2000	0	0	550077	7044030	MINOR ASPY IN MED TO COARSE GRAINED QUARTZITE SAMP	38.1	46.7	93	10.3	1
C		64681	GRAB	13/07/2000	0	0	550074	7044027	MINOR ASPY + V.G (?) IN MED TO COARSE GRAINED QUAR	26.3	49.3	135	30.1	3
C		76622	GRAB	13/07/2000	0	0	547131	7045716	NEAR SOIL SAMPLE # 75957	7.2	11.5	56	1.1	1
C		76624	GRAB	13/07/2000	0	0	547286	7045424	QTZ VEIN FLOAT NEAR SOIL SAMPLE # 75958	1.9	9.3	21	0.5	0
C		76625	GRAB	13/07/2000	0	0	547350	7045544	QTZ VEIN WITH HEMATITE AT SOIL SAMPLE # 75960	2.4	20.1	26	3.3	1
C		76626	GRAB	13/07/2000	0	0	547726	7045337	SILICIFIED PEGMATITIC INTRUSION WITH HEMATITE	5.4	16.5	44	0.6	1
C		76627	GRAB	13/07/2000	0	0	549000	7045107	COMPOSITE GRAB 50M EAST OF SOIL SAMPLE # 75976	28.8	7	35	6.6	0
C		76628	GRAB	13/07/2000	0	0	549197	7045125	PSAMMITE WITH OXIDIZED SECTIONS	8.9	26.9	19	3.5	1
C		76629	GRAB	13/07/2000	0	0	549738	7045576	LIMONITIC QTZ VEIN FROM SOIL PIT	15.5	23.2	50	204.5	7
C		64612	GRAB	09/07/2000	0	0	549792	7043899	1% PYRITE IN RUSTY BANDED GNEISS	58.2	132.5	3414	46.1	84
C		64613	GRAB	09/07/2000	0	0	549551	7043922	MINOR GALENA IN VUGGY QTZ BOULDER	39	33.8	1150	1.6	14
C		64614	GRAB	09/07/2000	0	0	549580	7043933	GREYISH TRANSPARENT QTZ VEIN 4cm WIDE IN ORTHOGNEI	23.4	58.4	1490	1.8	25
C		64615	GRAB	09/07/2000	0	0	549605	7043949	1% PYRITE IN QUARTZITE	17.2	30.2	329	1.4	3
C		64616	GRAB	09/07/2000	0	0	549255	7044129	MINOR GALENA IN QTZ VEINS IN META-DIORITE(?)	12.3	78.9	305	0.4	5
C		64617	GRAB	09/07/2000	0	0	548627	7044395	QTZ BRECCIA WITH RUSTY ORANGE MATRIX	5.2	19.2	424	13.2	3
C		64620	GRAB	09/07/2000	0	0	548298	7044466	RUSTY QTZ BOULDER WITH PYRITE CUBES	20.1	41.8	490	29.7	13
C		76524	GRAB	09/07/2000	0	0	549638	7043867	DISSEMINATED PY IN BROAD BANDED GNEISS	18.7	71.7	325	3.9	17
C		76525	GRAB	09/07/2000	0	0	549218	7044102	UNMINERALIZED QTZ, A SWEAT WITHIN THE SCHISTS(?)	13.9	22.5	186	1.3	7
C		76526	GRAB	09/07/2000	0	0	549217	7044097	UNMINERALIZED QTZ FROM GOSSANOUS ZONE	25.3	42	161	20.8	13
C		76527	GRAB	09/07/2000	0	0	549135	7044189	ROCK FRAGMENTS HELD TOGETHER BY CALCITE (CALCRETE)	17.5	33.2	192	61.7	10
C		76528	GRAB	09/07/2000	0	0	548918	7044294	PEGMATITE WITH BLUEISH QTZ AND GRAPHITE	29.9	12.1	110	1.6	4
C		76529	GRAB	09/07/2000	0	0	548417	7044571	WEAKLY LIMONITIC QTZ	17.8	13.3	373	45.6	54
C		76530	GRAB	09/07/2000	0	0	548453	7044421	UNMINERALIZED QTZ	3.5	10.5	65	1	6
C		76531	GRAB	09/07/2000	0	0	549189	7043988	WEAKLY LIMONITIC QTZ IN QUARTZITES	18.8	22.9	198	5.1	12
C		76297	GRAB	08/07/2000	0	0	549617	7043902	0.5% ASPY IN WHITE QTZ BOULDER +/- GALENA	5.4	40.4	21	1.7	2
C		76298	GRAB	08/07/2000	0	0	549619	7043900	RUSTY QTZ WITH TRACE GALENA	29.7	31.5	34	1.2	2
C		76299	GRAB	08/07/2000	0	0	547828	7044429		10.6	27.1	10	1.3	1
C		63899	GRAB	06/07/2000	0	0	549556	7044593	BIOTITE-GARNET SCHIST OR GNEISS WITH QTZ BANDS OR	5.2	117.6	56	2	1
C		76294	GRAB	06/07/2000	91.95	9875	548568	7044417	RUSTY QUARTZITE IN OLD ROADCUT	16.3	28.3	40	5.2	0
C		76295	GRAB	06/07/2000	9190	9890	548590	7044414	MINOR PY IN FOLIATED DIORITE OR PSAMMITE	5.9	115.4	226	4.1	6
C		76296	GRAB	06/07/2000	0	0	548667	7044390	MAGNETITE IN WHITE QUARTZ BOULDER	3.2	5.9	9	0.6	0
C		76500	GRAB	06/07/2000	11200	9500	548188	7046397	QUARTZITES, 240/10 N, SOME WEAKLY LIMONITIC	2.6	49.6	10	0.8	1
C		76291	GRAB	05/07/2000	9400	9440	548133	7044632	QTZ VEINS <5cm IN FOLIATED PSAMMITE	8.2	51.3	26	1.4	1
C		76292	GRAB	05/07/2000	9405	9460	548167	7044629	FOLIATED QUARTZITE, ORANGE BANDS +/- TRACE ASPY	4.6	32.1	16	9.4	1
C		76293	GRAB	05/07/2000	9400	9485	548195	7044631	ALTERED GRANITE WITH LIMONITE BOXWORK	8.4	25.1	20	30.6	0
C		76290	GRAB	02/07/2000	9230	10030	548758	7044466	MINOR ASPY IN META-DIORITE OR QTZ-BIOTITE SCHIST	13.9	54.5	21	1	1
C		75987	GRAB	17/09/1999	0	0	550530	7044450	GREY QUARTZ IN PLACER WORKINGS	1.6	6.4	9	3.3	1
C		64611	SILT	08/07/2000	9180	9400	548186	7044399		13.5	61.2	81	15.1	4
C		64602	SILT	06/07/2000	9200	9800	548534	7044386	STATION IN CREEK, SILT SAMPLE	15.8	89.7	103	29.9	13
C		76139	SILT	03/07/2000	10400	9565	548126	7045582	COARSE, MICACEOUS	16.2	93	53	16.1	1
C		64622	SOIL	13/07/2000	9000	10100	548838.0001	7044192.00509		9.2	47.7	66	7.6	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
C	64623	SOIL	13/07/2000	9000	10200	548937.9975	7044194.00469	QTZ AND QUARTZITE CLASTS	13.6	47.3	72	12.8	3
C	64624	SOIL	13/07/2000	9000	10300	549038.0031	7044195.00448	QUARTZITE CLASTS	18.5	36.7	69	5.6	2
C	64625	SOIL	13/07/2000	9000	10400	549138.0004	7044197.00407	GRANITIC INTRUSIVE(?) AND SERICITIC QUARTZITE CLAS	11.7	44.5	66	7.7	2
C	64626	SOIL	13/07/2000	9000	10500	549237.9978	7044199.00367	RIDGE TOP ~40M TO EAST	11.2	44.2	35	8.6	1
C	64627	SOIL	13/07/2000	9000	10600	549338.0034	7044201.00326	GRANITE(?) OR MODERATELY FOLIATED COARSE-GRAINED Q	11.9	47.3	41	11.8	1
C	64628	SOIL	13/07/2000	9000	10700	549438.0007	7044203.00285	QUARTZ CHIPS	12.6	49.6	36	11.3	1
C	64629	SOIL	13/07/2000	9000	10800	549537.9981	7044205.00245	MICACEOUS QUARTZITE CHIPS	12.7	45.5	55	9.6	3
C	64630	SOIL	13/07/2000	9000	10900	549638.0037	7044207.00204	RARE QUARTZITE CHIPS	13.3	50.3	59	9.6	2
C	64631	SOIL	13/07/2000	9000	11000	549738.0010	7044208.00184	OLD ROAD 20M S. OF THIS STATION	14.9	42.3	50	12.7	1
C	64632	SOIL	13/07/2000	9000	10000	548738.0027	7044190.0055	GRAPHITIC QTZ-BIOT-SER SCHIST	12.9	64.3	119	16.9	5
C	76501	SOIL	08/07/2000	10800	10600	549334.0041	7046000.99688	ANGULAR PIECES OF QUARTZITE	13.1	58	104	10.4	3
C	76502	SOIL	08/07/2000	10800	10500	549233.9985	7045998.99728	CLAYISH	8.5	51.6	46	5.2	5
C	76503	SOIL	08/07/2000	10800	10400	549134.0012	7045997.99749	THIN LAYER BETWEEN MOSS AND PERMAFROST	11.1	56.9	93	8.7	4
C	76504	SOIL	08/07/2000	10800	10300	549034.0038	7045995.99789		11.4	53.7	80	8.3	2
C	76505	SOIL	08/07/2000	10800	10200	548933.9982	7045993.9983	ROCKY, QUARTZITES	12.9	66.3	48	13	1
C	76506	SOIL	08/07/2000	10800	10100	548834.0009	7045991.99871	VERY ROCKY, QUARTZITES	13.4	53.9	55	14.8	1
C	76507	SOIL	08/07/2000	11000	10215	548812	7046192		7.8	50.2	45	7.6	2
C	76508	SOIL	08/07/2000	11000	10380	549079	7046202	FROM DRY CREEK BED	7.9	50.5	56	8.4	2
C	76509	SOIL	08/07/2000	11000	10400	549138.0004	7046197.99678		10.1	55.3	64	9.9	2
C	76510	SOIL	08/07/2000	11000	10300	549038.0031	7046195.99719	MOSTLY ROOTS AND PERMAFROST	15.1	60.5	151	12.9	3
C	76511	SOIL	08/07/2000	11000	10200	548937.9975	7046193.99759	DEEP ORGANIC LAYER	10.2	62.6	96	8.2	2
C	76512	SOIL	08/07/2000	11000	10100	548838.0001	7046191.998		9.2	51.1	35	6.5	2
C	76513	SOIL	08/07/2000	11000	10000	548738.0027	7046189.99841	CHIPS OF QUARTZITE	10.2	51.7	29	6.4	2
C	76514	SOIL	08/07/2000	11000	9900	548637.9971	7046187.99881		11.1	44.9	63	5.6	1
C	76515	SOIL	08/07/2000	11000	9800	548537.9998	7046185.99922	ANGULAR PIECES OF QUARTZITE	20.9	105.4	36	5.4	1
C	76516	SOIL	08/07/2000	11000	9700	548438.0024	7046184.99942	LARGE ANGULAR PIECE OF PEGMATITE	16.9	66.4	23	4.5	1
C	76517	SOIL	08/07/2000	11000	9600	548337.9968	7046182.99983		11.3	43.4	51	3.8	2
C	76518	SOIL	08/07/2000	11000	9500	548237.9995	7046181.00024	DEEP ORGANIC LAYER	13.1	60.9	100	12.4	3
C	76519	SOIL	08/07/2000	11000	9400	548138.0021	7046179.00065	DEEP ORGANICS AND QUARTZ FRAGMENTS IN SOIL	8.8	55.5	85	5.4	4
C	76520	SOIL	08/07/2000	11000	9300	548037.9965	7046177.00105		6.7	41.3	63	5.6	3
C	76521	SOIL	08/07/2000	11000	9200	547937.9992	7046175.00146		9.2	42.1	45	7.4	3
C	76522	SOIL	08/07/2000	11000	9100	547838.0018	7046173.00187		12.1	49.2	82	3.3	7
C	76523	SOIL	08/07/2000	11000	9000	547737.9962	7046172.00207		9.1	68	44	4.2	1
C	63884	SOIL	06/07/2000	9400	10600	549329.9966	7044601.00184		11.7	57.4	84	9.1	2
C	63885	SOIL	06/07/2000	9400	10700	549430.0022	7044603.00144		11.9	44.9	86	9.1	4
C	63886	SOIL	06/07/2000	9400	10800	549529.9996	7044605.00103		10.9	38	37	9.8	1
C	63887	SOIL	06/07/2000	9400	10900	549629.9969	7044607.00062	QUARTZITE CHIPS	11.4	49.7	48	13.7	2
C	63888	SOIL	06/07/2000	9400	11000	549730.0025	7044609.00021	GRANITE CLASTS UP TO 5cm	10.5	46.1	56	16.1	2
C	63889	SOIL	06/07/2000	9200	10100	548834.0009	7044392.00438	O/C OF META-DIORITE LAYERED WITH QUARTZITE AND PSA	12.4	49	136	46.5	11
C	63890	SOIL	06/07/2000	9200	10200	548933.9982	7044394.00398	QTZ-BIOTITE SCHIST CHIPS	14.3	55.9	98	29.8	2
C	63891	SOIL	06/07/2000	9200	10300	549034.0038	7044395.00377	BIOTITE-QTZ SCHIST	13.2	45.5	101	20.2	1
C	63892	SOIL	06/07/2000	9200	10400	549134.0012	7044397.00337	BIOTITE SCHIST WITH QTZ AND FELDSPAR	19	53.5	69	10.9	2
C	63893	SOIL	06/07/2000	9200	10500	549233.9985	7044399.00296		11.4	45.9	78	7.9	1
C	63894	SOIL	06/07/2000	9200	10600	549334.0041	7044401.00255		65.1	49.1	110	33.3	1
C	63895	SOIL	06/07/2000	9200	10700	549434.0015	7044403.00214	QTZ CHIPS IN SOIL	10.3	40.9	91	11	2
C	63896	SOIL	06/07/2000	9200	10800	549533.9988	7044405.00174		10.5	41	78	6.5	0
C	63897	SOIL	06/07/2000	9200	10900	549633.9962	7044407.00133		10.5	43.1	105	9	1
C	63898	SOIL	06/07/2000	9200	11000	549734.0018	7044409.00092		50.9	53.9	266	11.2	1
C	64600	SOIL	06/07/2000	9200	10000	548734.0035	7044390.00479	QUARTZITE O/C 4M W. OF STATION	19.1	62.8	56	25.6	1
C	64601	SOIL	06/07/2000	9200	9900	548633.9979	7044388.0052	QUARTZITE CLASTS	17.5	69.8	120	45.7	6
C	64603	SOIL	06/07/2000	9200	9700	548434.0032	7044383.99601	QTZ CHIPS	8.2	53.4	69	8.5	3
C	64604	SOIL	06/07/2000	9200	9600	548333.9976	7044381.99642	ROCKY, RUSTY QTZ-SERICITE SCHIST	16.4	67.2	76	14.7	7

	GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
C		64605	SOIL	06/07/2000	9200	9500	548234.0002	7044380.99662	VERY ROCKY, GREY QUARTZ-EYE LATITE	9.1	23.7	68	5.2	2
C		64606	SOIL	06/07/2000	9200	9400	548134.0029	7044378.99703	POOR SAMPLE, SERICITE-QTZ SCHIST IN PERMAFROST	5.6	35.4	181	4.5	5
C		64607	SOIL	06/07/2000	9200	9300	548033.9973	7044376.99744	QUARTZITE CHIPS	17.4	37.9	47	32.8	1
C		64608	SOIL	06/07/2000	9200	9200	547933.9999	7044374.99784	QTZ AND GRANITE CHIPS	8.7	57.6	20	7.4	6
C		64609	SOIL	06/07/2000	9200	9100	547834.0026	7044372.99825	ROCKY SOIL, QTZ VEINS <1cm IN RUSTY SILICIFIED GRA	13	32.9	88	4.8	1
C		64610	SOIL	06/07/2000	9200	9000	547733.997	7044370.99866	WHITE QTZ AND BIOTITE SCHIST CHIPS	11.9	58.7	32	8.5	3
C		76187	SOIL	06/07/2000	11200	10200	548940.9989	7046393.99688		9.1	53.7	49	8	2
C		76188	SOIL	06/07/2000	11200	10100	548841.0016	7046391.99729	ROCKY, QUARTZITES	10	48	50	7.9	3
C		76189	SOIL	06/07/2000	11200	10000	548740.996	7046389.9977		7.8	35.5	25	4.2	1
C		76190	SOIL	06/07/2000	11200	9900	548640.9986	7046387.9981		23.8	70.3	56	6.1	1
C		76191	SOIL	06/07/2000	11200	9800	548541.0013	7046385.99851	BITS OF QUARTZITE/PHYLLITE	10.3	51.6	51	7.2	3
C		76192	SOIL	06/07/2000	11200	9700	548441.0039	7046384.99871		10	45.6	60	6.2	1
C		76193	SOIL	06/07/2000	11200	9600	548340.9983	7046382.99912	BITS OF QUARTZITE	22.1	57.3	93	5	1
C		76194	SOIL	06/07/2000	11200	9500	548241.001	7046380.99953	O/C OF QUARTZITES 240/10 DEG N.	10.1	72.7	122	3.6	0
C		76195	SOIL	06/07/2000	11200	9400	548142.0014	7046378.99994		18.3	49.7	112	4.9	1
C		76196	SOIL	06/07/2000	11200	9300	548042.004	7046377.00034	CLAIMLINE	21.2	58.6	401	8.8	1
C		76197	SOIL	06/07/2000	11200	9200	547941.9984	7046375.00075		19.1	53.5	128	5.9	2
C		76198	SOIL	06/07/2000	11200	9100	547842.0011	7046373.00116	BITS OF QUARTZITE	14.3	72.9	32	8.2	2
C		76199	SOIL	06/07/2000	11200	9000	547742.0037	7046372.00136	MUCKY, ROCKY QUARTZITES	22.2	91.8	213	7	2
C		63868	SOIL	05/07/2000	9400	9000	547729.9978	7044570.99795	SAMPLE 10M SOUTH OF FLAGGED STATION	10.4	56.8	68	6.7	3
C		63869	SOIL	05/07/2000	9400	9100	547830.0034	7044572.99754	ALTERED GRANITIC CLASTS UP TO 5cm	12.5	75.4	147	7.4	3
C		63870	SOIL	05/07/2000	9400	9200	547930.0007	7044574.99714	GRANITIC CHIPS	12.1	66.4	135	7.1	3
C		63871	SOIL	05/07/2000	9400	9300	548029.9981	7044576.99673	QTZ AND QTZ-SERICITE SCHIST CHIPS	16.9	80.2	170	46.3	6
C		63872	SOIL	05/07/2000	9400	9400	548130	7044579	SMALL CHANNEL BESIDE MAIN CREEK WITH FINE SILT	17	71.4	58	14	9
C		63873	SOIL	05/07/2000	9400	9500	548230.0010	7044580.99591	GRAB SAMPLE 76293 IS 15M W. OF THIS STATION	10.8	56.6	53	12.2	1
C		63874	SOIL	05/07/2000	9400	9600	548329.9984	7044582.00571		22	50.3	45	22.2	0
C		63875	SOIL	05/07/2000	9400	9700	548430.004	7044584.0053	QTZ AND QTZ-CHLORITE SCHIST CHIPS, ANGULAR GRANITE	25.1	162.2	84	26	0
C		63876	SOIL	05/07/2000	9400	9800	548530.0013	7044586.00489	MARBLE BOULDER 10M NE OF THIS STATION	11	47.7	85	11.7	5
C		63877	SOIL	05/07/2000	9400	9900	548629.9987	7044588.00449	QTZ AND SCHIST(?) CHIPS	29.7	54.9	235	10.3	2
C		63878	SOIL	05/07/2000	9400	10000	548729.9960	7044590.00408		12	51.3	57	12	4
C		63879	SOIL	05/07/2000	9400	10100	548830.0016	7044592.00367	QTZ VEINS IN ALTERED SCHIST OR GRANITE(?) CLASTS	18.5	96.4	44	79	1
C		63880	SOIL	05/07/2000	9400	10200	548929.999	7044594.00327	RUSTY SERICITE-QTZ SCHIST CHIPS	16.3	81	79	20.2	2
C		63881	SOIL	05/07/2000	9400	10300	549029.9963	7044595.00306		12.5	36.6	101	7.3	2
C		63882	SOIL	05/07/2000	9400	10400	549130.0019	7044597.00266	MICACEOUS SOIL	8.9	46.7	168	8	2
C		63883	SOIL	05/07/2000	9400	10500	549229.9993	7044599.00225	QTZ AND QTZ-SERICITE SCHIST CHIPS	18.6	56.7	156	31.7	1
C		76166	SOIL	05/07/2000	10800	9000	547733.997	7045971.00298		9.2	54.9	83	8.1	4
C		76167	SOIL	05/07/2000	10800	9100	547834.0026	7045973.00258		11	60.9	91	7.2	11
C		76168	SOIL	05/07/2000	10800	9200	547933.9999	7045975.00217		8.5	56.3	68	8.1	1
C		76169	SOIL	05/07/2000	10800	9300	548033.9973	7045977.00176	ANGULAR ROCK CHIPS OF QUARTZITE	34.4	89.7	62	6.3	1
C		76170	SOIL	05/07/2000	10800	9400	548134.0029	7045979.00135	QUARTZITES	11.2	59.5	68	10.7	2
C		76171	SOIL	05/07/2000	10800	9500	548234.0002	7045981.00095	QUARTZITES	9.7	56.9	50	21	0
C		76172	SOIL	05/07/2000	10800	9600	548333.9976	7045983.00054	QUARTZITES	9.7	64.4	21	5.5	0
C		76173	SOIL	05/07/2000	10800	9700	548434.0032	7045985.00013		15.1	66.5	117	14	4
C		76174	SOIL	05/07/2000	10800	9800	548534.0006	7045985.99993	MUD/CLAY FROM BESIDE CREEK, NO OTHER SAMPLE POSSIB	8.3	59.3	63	5.6	2
C		76175	SOIL	05/07/2000	10800	9900	548633.9979	7045987.99952	VERY ROCKY, QUARTZITES	23.3	86.8	45	37.4	3
C		76176	SOIL	05/07/2000	10800	10000	548734.0035	7045989.99912	VERY ROCKY, QUARTZITES	15.1	64.2	50	15.9	1
C		76177	SOIL	05/07/2000	10800	10000	548734	7045990		10.2	57.9	55	12.5	2
C		76178	SOIL	05/07/2000	10600	10100	548830.0016	7045791.99942		14.4	41.6	163	16.3	2
C		76179	SOIL	05/07/2000	10600	10200	548929.999	7045793.99901	PERMAFROST AREA	10.3	54.5	67	15.2	1
C		76180	SOIL	05/07/2000	10600	10300	549029.9963	7045795.9986	MUCKY	10.7	52.7	35	10.1	3
C		76181	SOIL	05/07/2000	10600	10400	549130.0019	7045797.9982	ANGULAR ROCK, PHYLLITE	16.6	80.2	164	11.5	5
C		76182	SOIL	05/07/2000	10600	10500	549229.9993	7045798.99799	BETWEEN MOSS AND PERMAFROST	8.3	54.3	61	8.9	7

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
C	76183	SOIL	05/07/2000	10600	10600	549329.9966	7045800.99759	BITS OF PHYLLITE(?)	12.5	66.8	68	10.3	3
C	76184	SOIL	05/07/2000	10600	10800	549529.9996	7045804.99677	BITS OF MICA, PEBBLES, GREY DIRT(?) FROZEN IN PERM	18.6	80.7	111	8.6	3
C	76185	SOIL	05/07/2000	10600	10900	549629.9969	7045806.99637	FROZEN DIRT	17.5	58	73	9.5	2
C	76186	SOIL	05/07/2000	10600	11000	549730.0025	7045808.99596	ROCKY, QUARTZITES	13.6	35.6	105	10.8	1
C	63847	SOIL	04/07/2000	9600	9000	547726.9963	7044770.99724	RUSTY QUARTZITE(?) CHIPS	8.3	74	88	5.2	3
C	63848	SOIL	04/07/2000	9600	9100	547827.0019	7044772.99683		7.7	64.8	114	7.4	6
C	63849	SOIL	04/07/2000	9600	9200	547926.9992	7044774.99643	NICE SOIL, NO ROCK FRAGMENTS	8	49.9	44	5.7	1
C	63850	SOIL	04/07/2000	9600	9300	548026.9966	7044776.99602		9	47.3	48	8.8	1
C	63851	SOIL	04/07/2000	9600	9400	548127.0022	7044779.00561	QTZ CLAST IN PERMAFROST	8.8	46.1	142	10.6	4
C	63852	SOIL	04/07/2000	9600	9500	548226.9995	7044781.0052	RUSTY QTZ CLASTS AND CHIPS	23.7	66.3	77	25.7	3
C	63853	SOIL	04/07/2000	9600	9600	548326.9969	7044782.005	MARBLE CHIPS	13.3	51	76	12.6	4
C	63854	SOIL	04/07/2000	9600	9700	548427.0025	7044784.00459	SMALL GRANITIC(?) OR QTZ CHIPS	10.8	45.9	30	7.5	1
C	63855	SOIL	04/07/2000	9600	9800	548526.9998	7044786.00419		10.6	45.4	124	5.7	1
C	63856	SOIL	04/07/2000	9600	9900	548625.9994	7044788.00378		7.9	40.1	21	5.7	3
C	63857	SOIL	04/07/2000	9600	10000	548725.9968	7044790.00337	MARBLE SUBCROP AT 100+30E	22.3	71.8	43	8.2	1
C	63858	SOIL	04/07/2000	9600	10100	548826.0024	7044792.00296	QTZ CHIPS IN SOIL	61.3	75.5	243	18.6	1
C	63859	SOIL	04/07/2000	9600	10200	548925.9997	7044794.00256	QTZ AND SERICITE SCHIST CHIPS	13.9	58.2	210	17.6	1
C	63860	SOIL	04/07/2000	9600	10300	549025.9971	7044796.00215	QUARTZITE CHIPS	60.4	233.2	312	78.7	5
C	63861	SOIL	04/07/2000	9600	10400	549126.0027	7044797.00195		32.3	56.5	199	30.5	3
C	63862	SOIL	04/07/2000	9600	10500	549226.0001	7044799.00154	QTZ AND SERICITE SCHIST CHIPS	27.1	112.6	36	28.2	2
C	63863	SOIL	04/07/2000	9600	10600	549325.9974	7044801.00113	GREY MUCKY SOIL	11.2	56.5	103	11.4	2
C	63864	SOIL	04/07/2000	9600	10700	549426.003	7044803.00073		7.2	55.7	109	7.8	3
C	63865	SOIL	04/07/2000	9600	10800	549526.0004	7044805.00032		7.7	59	46	9.1	3
C	63866	SOIL	04/07/2000	9600	10900	549625.9977	7044806.99991		9.9	50.2	69	11	5
C	63867	SOIL	04/07/2000	9600	11000	549726.0033	7044808.9995		7.8	54.5	84	8.7	2
C	76146	SOIL	04/07/2000	10400	11000	549726.0033	7045608.99667		20.2	66	23	31.1	2
C	76147	SOIL	04/07/2000	10400	10900	549625.9977	7045606.99707	ROCKY, QUARTZITE CHIPS	8	30.1	38	12.8	1
C	76148	SOIL	04/07/2000	10400	10800	549526.0004	7045604.99748		16.1	47.7	42	14.6	2
C	76149	SOIL	04/07/2000	10400	10700	549426.003	7045602.99789	ROCKY, QUARTZITE CHIPS	19.3	69.6	43	14.5	2
C	76150	SOIL	04/07/2000	10400	10600	549325.9974	7045600.9983	ROCKY, QUARTZITE CHIPS	16.6	72.6	37	15	4
C	76151	SOIL	04/07/2000	10400	10500	549226.0001	7045598.9987		18.8	55.3	228	19.3	4
C	76152	SOIL	04/07/2000	10400	10400	549126.0027	7045597.99891	ROCKY, QUARTZITE	20.5	51	169	13.8	2
C	76153	SOIL	04/07/2000	10400	10300	549025.9971	7045595.99931	MUCKY	17.3	79.7	111	16	4
C	76154	SOIL	04/07/2000	10400	10200	548925.9997	7045593.99972	PERMAFROST AREA	15.6	67.9	112	18.8	3
C	76155	SOIL	04/07/2000	10400	10100	548826.0024	7045592.00013	MUDDY	16.5	66.2	139	25.8	2
C	76156	SOIL	04/07/2000	10600	9000	547729.9978	7045771.00369		8.1	57.5	68	6.5	4
C	76157	SOIL	04/07/2000	10600	9100	547830.0034	7045773.00328		7.8	67.5	98	4.9	1
C	76158	SOIL	04/07/2000	10600	9200	547930.0007	7045775.00288	MUCK, ANGULAR ROCKS OF QTZ EYE RHYOLITE (TUFF?)	8	61	72	4.7	1
C	76159	SOIL	04/07/2000	10600	9300	548029.9981	7045777.00247		8.8	60.7	73	5.1	4
C	76160	SOIL	04/07/2000	10600	9400	548130.0037	7045779.00206		7.4	56.8	83	4.7	1
C	76161	SOIL	04/07/2000	10600	9500	548230.0010	7045781.00166		8.2	52.5	51	6.9	2
C	76162	SOIL	04/07/2000	10600	9600	548329.9984	7045783.00125		7.6	51.2	54	5.4	1
C	76163	SOIL	04/07/2000	10600	9700	548430.004	7045785.00084		12.3	70.5	62	11.5	2
C	76164	SOIL	04/07/2000	10600	9800	548530.0013	7045786.00064	CLAYISH	10.5	58.5	74	13.6	2
C	76165	SOIL	04/07/2000	10600	10000	548729.9960	7045789.99983	NO SAMPLE AT 99E DUE TO PERMAFROST	11	56.3	61	12	6
C	63837	SOIL	03/07/2000	9800	11000	549723.0018	7045008.9988	QTZ CHIPS IN SOIL	33	89.1	51	26.4	2
C	63838	SOIL	03/07/2000	9800	10900	549622.9962	7045006.9992		15	51.8	81	21.7	1
C	63839	SOIL	03/07/2000	9800	10800	549522.9989	7045004.99961	QTZ -SERICITE SCHIST CHIPS	19	64.5	69	304.6	4
C	63840	SOIL	03/07/2000	9800	10700	549423.0015	7045003.00002	GREY MICACEOUS SOIL IN PERMAFROST	32.1	85.8	243	82.1	6
C	63841	SOIL	03/07/2000	9800	10600	549322.9959	7045001.00042		7.9	50.7	42	8.5	2
C	63842	SOIL	03/07/2000	9800	10500	549222.9986	7044999.00083	WHITE MICA IN SOIL	10.4	68.3	103	11.1	3
C	63843	SOIL	03/07/2000	9800	10400	549123.0012	7044997.00124	QTZ-SERICITE SCHIST CHIPS	11.2	51.3	75	11.4	3

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
C	63844	SOIL	03/07/2000	9800	10300	549023.0039	7044996.00144		17.1	55.5	51	12.9	1
C	63845	SOIL	03/07/2000	9800	10200	548922.9983	7044994.00185		11.1	55.5	174	9.8	1
C	63846	SOIL	03/07/2000	9800	10100	548823.0009	7044992.00226		14.6	49.8	256	15.1	2
C	76134	SOIL	03/07/2000	10400	10000	548725.9968	7045590.00053	GRITTY, WET	14.7	70.2	72	16	8
C	76135	SOIL	03/07/2000	10400	9900	548625.9994	7045588.00094	CLAYISH	14.2	70.2	113	18.2	3
C	76136	SOIL	03/07/2000	10400	9800	548526.9998	7045586.00135	MUCKY, MICA-QUARTZITE OR PHYLLITE	23.2	107.7	116	23	3
C	76137	SOIL	03/07/2000	10400	9700	548427.0025	7045584.00176	THIN LAYER BETWEEN MOSS AND PERMAFROST	12.5	71.3	68	12.5	2
C	76138	SOIL	03/07/2000	10400	9600	548326.9969	7045583.00196	CLAYISH	14.5	73.8	75	20	2
C	76140	SOIL	03/07/2000	10400	9500	548226.9995	7045581.00237		6.5	47	43	4.1	3
C	76141	SOIL	03/07/2000	10400	9400	548127.0022	7045579.00277	ROCK CHIPS AND PERMAFROST	5.8	69.6	261	3.1	2
C	76142	SOIL	03/07/2000	10400	9300	548026.9966	7045577.00318	VERY ROCKY	7.7	62.1	92	4	1
C	76143	SOIL	03/07/2000	10400	9200	547926.9992	7045575.00359	ROCKY-INTRUSTIVE	9.3	55.8	190	4.7	2
C	76144	SOIL	03/07/2000	10400	9100	547827.0019	7045573.00399	CLAYISH, NEXT TO O/C OF TUFF(?)	6.4	63.7	107	2.7	2
C	76145	SOIL	03/07/2000	10400	9000	547726.9963	7045571.0044	ROCKY	8.6	73	46	6	1
C	63826	SOIL	02/07/2000	9800	9000	547722.9970	7044970.99653		10	40.6	128	6	7
C	63827	SOIL	02/07/2000	9800	9100	547823.0026	7044972.99612	CHIPS OF QTZ-CHLORITE SCHIST	9.3	47.9	55	7.8	2
C	63828	SOIL	02/07/2000	9800	9200	547923	7044974.99572		12.6	57.3	42	11.2	2
C	63829	SOIL	02/07/2000	9800	9300	548022.9973	7044977.00531		9.4	50.6	60	6.8	1
C	63830	SOIL	02/07/2000	9800	9400	548123.0029	7044979.0049	SMALL CHIPS OF SCHIST AND WHITE MICA	34.7	77.9	111	45.6	2
C	63831	SOIL	02/07/2000	9800	9500	548223.0003	7044981.00449		19.1	64.6	93	12.1	1
C	63832	SOIL	02/07/2000	9800	9600	548322.9976	7044982.00429	QUARTZITE CHIPS	42.2	59.5	99	7.4	1
C	63833	SOIL	02/07/2000	9800	9700	548423.0032	7044984.00388	CHIPS OF RUSTY QUARTZITE OR INTRUSIVE?	28.2	66.2	69	25.1	2
C	63834	SOIL	02/07/2000	9800	9800	548523.0006	7044986.00348		14.3	46.9	156	7.5	4
C	63835	SOIL	02/07/2000	9800	9900	548622.998	7044988.00307		13.1	42.4	138	13.5	2
C	63836	SOIL	02/07/2000	9800	10000	548723.0036	7044990.00266	CHIPS OF MUSC-QTZ SCHIST	14.2	51.9	68	12.5	0
C	76113	SOIL	02/07/2000	10200	10000	548723.0036	7045390.00124	SOME PERMAFROST	19.8	59.6	93	17.4	3
C	76114	SOIL	02/07/2000	10200	9900	548622.998	7045388.00165		17	75.6	105	23	5
C	76115	SOIL	02/07/2000	10200	9800	548523.0006	7045386.00206	BITS OF PHYLLITE	9.7	48.8	102	17.4	3
C	76116	SOIL	02/07/2000	10200	9700	548423.0032	7045384.00246	BITS OF PHYLLITE	13.3	63.1	108	15	1
C	76117	SOIL	02/07/2000	10200	9600	548322.9976	7045383.00267		13.3	59	114	18.8	3
C	76118	SOIL	02/07/2000	10200	9500	548223.0003	7045381.00308	BETWEEN MOSS AND PERMAFROST	25.4	77	95	10.5	7
C	76119	SOIL	02/07/2000	10200	9400	548123.0029	7045379.00348		10.4	52.9	45	8	2
C	76120	SOIL	02/07/2000	10200	9300	548022.9973	7045377.00389	ROCKY, PHYLLITIC AMPHIBOLITE	10.1	73.7	37	3.4	0
C	76121	SOIL	02/07/2000	10200	9200	547923	7045375.0043	O/C OF QTZ-EYE FELDSPAR PORPHYRY	9.6	44.1	22	5.5	1
C	76122	SOIL	02/07/2000	10200	9100	547823.0026	7045373.0047		9.8	52.8	16	9.1	4
C	76123	SOIL	02/07/2000	10200	9000	547722.9970	7045371.00511	ROAD AT 90+25E	7	87.1	27	4.7	0
C	76124	SOIL	02/07/2000	10200	10100	548823.0009	7045392.00084	BETWEEN MOSS AND PERMAFROST	16.7	61	142	15.9	2
C	76125	SOIL	02/07/2000	10200	10200	548922.9983	7045394.00043	95% PHYLLITE (OR QUARTZITE?) CHIPS	17.1	86.6	57	25.6	1
C	76126	SOIL	02/07/2000	10200	10300	549023.0039	7045396.00002	CLAYISH; CLAIM LINE AT 103+35E	16.2	63.3	45	21.1	3
C	76127	SOIL	02/07/2000	10200	10400	549123.0012	7045397.99962		14.1	56.9	22	12.6	2
C	76128	SOIL	02/07/2000	10200	10500	549222.9986	7045398.99941	FULL OF INTRUSIVE ROCK CHIP	16.6	71.4	19	23.2	3
C	76129	SOIL	02/07/2000	10200	10600	549322.9959	7045400.99901	CROSS ROAD AT 106+45E	11.2	39.7	51	11.6	1
C	76130	SOIL	02/07/2000	10200	10700	549423.0015	7045402.9986		10.2	48.6	56	63.9	7
C	76131	SOIL	02/07/2000	10200	10800	549522.9989	7045404.99819		11.9	63.6	311	13.6	2
C	76132	SOIL	02/07/2000	10200	10900	549622.9962	7045406.99778		11.6	50.2	205	4.7	1
C	76133	SOIL	02/07/2000	10200	11000	549723.0018	7045408.99738		10.6	67.8	152	6.3	1
ST1	507451	SOIL	17/08/1998	7038125	549360	549230.9970	7038295.00541	START OF SOIL TRAVERSE @ HELI-PAD	41.6	108.4	42	33.5	1
ST1	507452	SOIL	17/08/1998	7038075	549280	549151.0041	7038245.00559	RIDGE TRAVERSE-100 METRES	24	60.7	78	40.2	1
ST1	507453	SOIL	17/08/1998	7038025	549200	549071.0029	7038194.99577	RIDGE TRAVERSE-200 METRES	14.5	53.1	73	22	6
ST1	507454	SOIL	17/08/1998	7037975	549100	548970.9973	7038144.99594	RIDGE TRAVERSE-300 METRES	33.9	76.1	227	101.4	3
ST1	507455	SOIL	17/08/1998	7037930	548980	548851.0038	7038100.0051	RIDGE TRAVERSE-415 METRES	30.8	60.8	53	52.8	3
ST1	507456	SOIL	17/08/1998	7037900	548880	548750.9982	7038070.00121	RIDGE TRAVERSE-500 METRES	23.3	65.8	143	40.6	3

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST1	507457	SOIL	17/08/1998	7037850	548800	548670.9970	7038020.00139	RIDGE TRAVERSE-620 METRES	11.7	54	41	14.1	1
ST1	507458	SOIL	17/08/1998	7037800	548725	548596.0011	7037970.00156	RIDGE TRAVERSE-700 METRES: RED-BROWN	20.3	60.7	74	40.9	7
ST1	507459	SOIL	17/08/1998	7037725	548640	548511.0029	7037894.99683	RIDGE TRAVERSE-800 METRES	13.6	52.4	62	22.1	6
ST1	507460	SOIL	17/08/1998	7037650	548560	548431.0017	7037820.0021	RIDGE TRAVERSE-900 METRES	19.9	49.9	274	17.2	8
ST1	507461	SOIL	17/08/1998	7037590	548480	548351.0005	7037760.00431	RIDGE TRAVERSE-1000 METRES	14.8	56.2	102	36.3	10
ST1	507462	SOIL	17/08/1998	7037500	548430	548300.9977	7037670.00263	RIDGE TRAVERSE-1100 METRES:RED-BROWN	23.2	59.9	97	55.4	9
ST1	507463	SOIL	17/08/1998	7037430	548380	548251.0032	7037599.99688	RIDGE TRAVERSE-1200 METRES	12.4	44.2	90	8.2	2
ST1	507464	SOIL	17/08/1998	7037375	548330	548201.0004	7037544.99807	RIDGE TRAVERSE-1300 METRES	10	36.9	51	5.5	1
ST1	507465	SOIL	17/08/1998	7037300	548290	548160.9998	7037470.00334	RIDGE TRAVERSE-1400 METRES	12	55	0	8.4	2
ST1	507466	SOIL	17/08/1998	7037240	548210	548080.9986	7037410.00555	RIDGE TRAVERSE-1500 METRES	11.3	55.2	86	8	1
ST1	507467	SOIL	17/08/1998	7037225	548150	548021.0018	7037394.9986	RIDGE TRAVERSE-1600 METRES	13.4	70.7	0	6.2	1
ST1	507468	SOIL	17/08/1998	7037160	548060	547930.9985	7037330.00183	RIDGE TRAVERSE-1700 METRES	10.3	61.3	30	6.6	5
ST1	507469	SOIL	17/08/1998	7037130	547980	547850.9973	7037299.99794	RIDGE TRAVERSE-1800 METRES	12	43.6	64	7.7	2
ST1	507470	SOIL	17/08/1998	7037100	547900	547770.9961	7037270.00405	RIDGE TRAVERSE-1900 METRES	14.8	108	49	15.4	1
ST1	507471	SOIL	17/08/1998	7037080	547830	547700.9971	7037249.99812	RIDGE TRAVERSE-2000 METRES	12.6	75.5	46	30	65
ST1	507472	SOIL	17/08/1998	7037040	547760	547630.9981	7037209.99626	RIDGE TRAVERSE-2100 METRES	11.5	40.2	196	21.2	17
ST1	507473	SOIL	17/08/1998	7037000	547650	547520.9986	7037170.0044	RIDGE TRAVERSE-2200 METRES	10.5	52.6	168	144	51
ST1	507474	SOIL	17/08/1998	7036930	547600	547471.0040	7037099.99865	RIDGE TRAVERSE-2300 METRES	13.6	56.5	106	6.2	5
ST1	507475	SOIL	17/08/1998	7036860	547520	547391.0028	7037030.0029	RIDGE TRAVERSE-2400 METRES	13.4	42.2	42	7.7	3
ST1	507476	SOIL	17/08/1998	7036800	547450	547321.0039	7036970.00511	RIDGE TRAVERSE-2500 METRES	10.8	40.3	0	8	5
ST1	507477	SOIL	17/08/1998	7036740	547380	547250.9967	7036909.99732	RIDGE TRAVERSE-2600 METRES	13.7	63.2	0	7.5	3
ST1	507478	SOIL	17/08/1998	7036675	547300	547171.0037	7036845.00055	RIDGE TRAVERSE-2700 METRES	10.6	31	35	3.4	4
ST1	507479	SOIL	17/08/1998	7036640	547200	547070.9981	7036809.99768	RIDGE TRAVERSE-2800 METRES	11	44.2	0	6	3
ST1	507480	SOIL	17/08/1998	7036650	547100	546971.0008	7036820.00564	RIDGE TRAVERSE-2900 METRES	12.7	51.7	0	7	2
ST1	507481	SOIL	17/08/1998	7036650	547000	546871.0034	7036820.00564	END OF RIDGE TRAVERSE-3000 METRES	11.3	55.1	48	5.2	1
ST10	75840	SOIL	14/09/1999	0	0	550330.0032	7032750.00408	SESTAK CONTOUR	5.3	74.9	153	6.6	0
ST10	75841	SOIL	14/09/1999	100	0	550433.002	7032783.99716	SESTAK CONTOUR	9.3	63.1	75	10.5	1
ST10	75842	SOIL	14/09/1999	200	0	550535.0031	7032818.00024	SESTAK CONTOUR	6.5	55.2	39	6.9	2
ST10	75843	SOIL	14/09/1999	300	0	550638.0019	7032852.00332	SESTAK CONTOUR	6.5	51.5	52	6.1	2
ST10	75844	SOIL	14/09/1999	400	0	550740.0030	7032885.9964	SESTAK CONTOUR	7.9	49.9	37	8	2
ST10	75845	SOIL	14/09/1999	500	0	550843.0019	7032919.99948	SESTAK CONTOUR	8.6	65	37	9.8	1
ST10	75846	SOIL	14/09/1999	600	0	550945.003	7032954.00256	SESTAK CONTOUR	10.3	59.3	73	10.6	3
ST10	75848	SOIL	14/09/1999	700	0	551150.0029	7033021.99871	SESTAK CONTOUR	3	8	14	4.9	1
ST10	75849	SOIL	14/09/1999	800	0	551253.0017	7033056.00179	SESTAK CONTOUR	13.4	73.9	88	10.8	2
ST10	75850	SOIL	14/09/1999	900	0	551355.0028	7033090.00487	SESTAK CONTOUR	11.8	56.3	109	11.6	2
ST10	75851	SOIL	14/09/1999	1000	0	551389.9982	7033169.99859	SESTAK CONTOUR	9.2	44.6	54	13.3	0
ST10	75852	SOIL	14/09/1999	1100	0	551425.0018	7033250.00231	SESTAK CONTOUR	13.7	45	128	5.8	2
ST10	75853	SOIL	14/09/1999	1200	0	551459.9972	7033329.99602	SESTAK CONTOUR	13.5	64.8	118	8.2	2
ST10	75854	SOIL	14/09/1999	1300	0	551495.0008	7033409.99974	SESTAK CONTOUR	13.2	46.7	64	11.9	3
ST10	75856	SOIL	14/09/1999	1400	0	551579.0012	7033560.999	SESTAK CONTOUR	17	43.1	50	11.4	1
ST10	75857	SOIL	14/09/1999	1500	0	551620.9973	7033637.00353	SESTAK CONTOUR	8.3	44.3	74	6.9	4
ST10	75858	SOIL	14/09/1999	1600	0	551663.9994	7033712.99806	SESTAK CONTOUR	11.5	77.5	31	5.8	2
ST10	75859	SOIL	14/09/1999	1700	0	551706.0037	7033789.00259	SESTAK CONTOUR	49.9	105.1	167	13.8	5
ST10	75860	SOIL	14/09/1999	1800	0	551747.9998	7033863.99733	SESTAK CONTOUR	19.1	60.3	158	10.2	4
ST10	75861	SOIL	14/09/1999	1900	0	551790.0041	7033940.00186	SESTAK CONTOUR	18.5	70.3	137	17	4
ST11	75763	SOIL	16/09/1999	0	0	547849.9995	7038810.00058	GRID B TO GRID A CONTOUR	13.1	45.7	276	60.3	4
ST11	75764	SOIL	16/09/1999	100	0	547824.9981	7038905.00125	GRID B TO GRID A CONTOUR	14.3	59.4	63	64.5	6
ST11	75765	SOIL	16/09/1999	200	0	547799.9967	7039000.00191	GRID B TO GRID A CONTOUR	11	55.7	93	19	5
ST11	75766	SOIL	16/09/1999	300	0	547879.9979	7039050.00173	GRID B TO GRID A CONTOUR	10.5	57.1	46	8.8	2
ST11	75767	SOIL	16/09/1999	400	0	547949.9969	7039050.00173	GRID B TO GRID A CONTOUR	45.1	42.9	58	10.6	6
ST11	75768	SOIL	16/09/1999	500	0	548028.0026	7038990.00394	GRID B TO GRID A CONTOUR	15.7	76.5	60	10	23
ST11	75769	SOIL	16/09/1999	600	0	548105.0023	7038929.99616	GRID B TO GRID A CONTOUR	24.2	81.4	101	21.6	4

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST11	75770	SOIL	16/09/1999	700	0	548182.9997	7038869.99837	GRID B TO GRID A CONTOUR	20	72.6	110	35.5	6
ST11	75771	SOIL	16/09/1999	800	0	548259.9994	7038810.00058	GRID B TO GRID A CONTOUR	26.3	55.4	165	38.3	3
ST11	75772	SOIL	16/09/1999	900	0	548359.9967	7038779.99669	GRID B TO GRID A CONTOUR	33.8	52.5	117	42.4	2
ST11	75773	SOIL	16/09/1999	1000	0	548409.9995	7038850.00244	GRID B TO GRID A CONTOUR	39	64.1	138	64	16
ST11	75774	SOIL	16/09/1999	1100	0	548460.0023	7038919.99819	GRID B TO GRID A CONTOUR	18.6	28.9	288	8.6	1
ST11	75775	SOIL	16/09/1999	1200	0	548417.0003	7039012.99926	GRID B TO GRID A CONTOUR	78.3	38.5	427	20	7
ST11	75776	SOIL	16/09/1999	1300	0	548373.9982	7039106.00033	GRID B TO GRID A CONTOUR	41.6	64.8	144	15.9	7
ST11	75777	SOIL	16/09/1999	1400	0	548330.9961	7039199.0014	GRID B TO GRID A CONTOUR	32.7	51.4	83	9.9	2
ST11	75778	SOIL	16/09/1999	1500	0	548288.0023	7039292.00247	GRID B TO GRID A CONTOUR	70.2	54.8	213	17.8	9
ST11	75779	SOIL	16/09/1999	1600	0	548245.0002	7039385.00354	GRID B TO GRID A CONTOUR	95.1	46.9	810	28.4	8
ST11	75780	SOIL	16/09/1999	1700	0	548201.9981	7039478.00461	GRID B TO GRID A CONTOUR	23.9	57	83	14	4
ST11	75781	SOIL	16/09/1999	1800	0	548158.9960	7039571.00568	GRID B TO GRID A CONTOUR	28.4	53.8	74	30.4	7
ST11	75782	SOIL	16/09/1999	1900	0	548116.0022	7039663.99676	GRID B TO GRID A CONTOUR	18.2	52.7	60	7.8	2
ST11	75783	SOIL	16/09/1999	2000	0	548073.0001	7039756.99783	GRID B TO GRID A CONTOUR	19.4	46.3	66	10.8	3
ST11	75784	SOIL	16/09/1999	2100	0	548029.9981	7039849.9989	GRID B TO GRID A CONTOUR	28.8	46	81	10.7	6
ST11	75785	SOIL	16/09/1999	2200	0	547942.9962	7039896.99933	GRID B TO GRID A CONTOUR	16.7	50.7	151	8.6	14
ST11	75786	SOIL	16/09/1999	2300	0	547857.0002	7039942.99997	GRID B TO GRID A CONTOUR	6.1	59.7	107	4.8	3
ST11	75787	SOIL	16/09/1999	2400	0	547769.9983	7039990.0004	GRID B TO GRID A CONTOUR	8	54.8	104	7	5
ST11	75788	SOIL	16/09/1999	2500	0	547682.9964	7040037.00083	GRID B TO GRID A CONTOUR	7.9	56.2	86	21.9	2
ST11	75789	SOIL	16/09/1999	2600	0	547597.0005	7040083.00147	GRID B TO GRID A CONTOUR	27.6	66.6	106	45.7	3
ST11	75790	SOIL	16/09/1999	2700	0	547509.9986	7040130.0019	GRID B TO GRID A CONTOUR	27.7	56.5	99	280.9	0
ST11	75791	SOIL	16/09/1999	2800	0	547520.0008	7040225.00256	GRID B TO GRID A CONTOUR	64.9	58.1	129	49.2	1
ST11	75792	SOIL	16/09/1999	2900	0	547530.0030	7040320.00323	GRID B TO GRID A CONTOUR	14.5	48.8	210	252.2	1
ST11	75793	SOIL	16/09/1999	3000	0	547571.9991	7040408.00531	GRID B TO GRID A CONTOUR	49.1	77	275	40.3	4
ST11	75794	SOIL	16/09/1999	3100	0	547614.0035	7040495.9974	GRID B TO GRID A CONTOUR	85.2	101.6	263	151.4	5
ST11	75795	SOIL	16/09/1999	3200	0	547656.9973	7040582.9997	GRID B TO GRID A CONTOUR	14.5	75.8	158	97.4	6
ST11	75796	SOIL	16/09/1999	3300	0	547699.0016	7040671.00178	GRID B TO GRID A CONTOUR	29.2	175.3	386	314.1	22
ST11	75797	SOIL	16/09/1999	3400	0	547740.9977	7040759.00387	GRID B TO GRID A CONTOUR	8.9	161.8	166	50.6	3
ST11	75798	SOIL	16/09/1999	3500	0	547783.0020	7040846.99596	GRID B TO GRID A CONTOUR	8.9	53	405	89.7	5
ST11	75799	SOIL	16/09/1999	3600	0	547826.0041	7040933.99825	GRID B TO GRID A CONTOUR	27.6	140.8	464	196.7	12
ST11	75809	SOIL	16/09/1999	3700	0	547868.0002	7041022.00034		3.9	62.1	16	14.8	1
ST11	75810	SOIL	16/09/1999	3800	0	547909.9963	7041110.00243		18.1	90.2	243	178.6	18
ST12	70642	SOIL	17/09/1999	0	0	539705.0019	7043434.99918	20 MILE SOIL CONTOUR	6.8	52.9	59	8.5	2
ST12	70643	SOIL	17/09/1999	100	0	539800.0023	7043465.00307	20 MILE SOIL CONTOUR	10.2	63.1	176	6	0
ST12	70644	SOIL	17/09/1999	200	0	539895.0026	7043493.99717	20 MILE SOIL CONTOUR	9.4	54.6	87	6.9	2
ST12	70645	SOIL	17/09/1999	300	0	539990.0030	7043524.00106	20 MILE SOIL CONTOUR	8.7	52.1	56	7.3	1
ST12	70646	SOIL	17/09/1999	400	0	540085.0034	7043554.00496	20 MILE SOIL CONTOUR	13.2	75.6	168	5.7	0
ST12	70647	SOIL	17/09/1999	500	0	540180.0038	7043582.99905	20 MILE SOIL CONTOUR	7.7	61.4	70	7.9	2
ST12	70648	SOIL	17/09/1999	600	0	540274.9959	7043613.00295	20 MILE SOIL CONTOUR	10.1	67.7	202	7.4	2
ST12	70649	SOIL	17/09/1999	700	0	540369.9963	7043642.99684	20 MILE SOIL CONTOUR	8.4	57.6	81	7.2	1
ST12	70650	SOIL	17/09/1999	800	0	540464.9966	7043672.00094	20 MILE SOIL CONTOUR	7	56.3	52	6.9	1
ST12	70651	SOIL	17/09/1999	900	0	540559.997	7043702.00483	20 MILE SOIL CONTOUR	11.2	59.6	382	6.4	4
ST12	70652	SOIL	17/09/1999	1000	0	540654.9974	7043731.99873	20 MILE SOIL CONTOUR	7.9	69.1	67	5.3	5
ST12	70653	SOIL	17/09/1999	1100	0	540749.9978	7043761.00282	20 MILE SOIL CONTOUR	7.2	53.3	77	5.1	2
ST12	70654	SOIL	17/09/1999	1200	0	540844.9981	7043790.99672	20 MILE SOIL CONTOUR	9.2	65.4	50	10.4	3
ST12	70655	SOIL	17/09/1999	1300	0	540939.9985	7043821.00061	20 MILE SOIL CONTOUR	8.1	64.2	79	9.6	2
ST12	70656	SOIL	17/09/1999	1400	0	541034.9989	7043850.00471	20 MILE SOIL CONTOUR	6.6	53.9	52	7.5	1
ST12	70657	SOIL	17/09/1999	1500	0	541129.9992	7043879.9986	20 MILE SOIL CONTOUR	7.2	53	87	6.9	6
ST12	70658	SOIL	17/09/1999	1600	0	541217.9989	7043923.99964	20 MILE SOIL CONTOUR	18	72	283	38.5	2
ST12	70659	SOIL	17/09/1999	1700	0	541305.0008	7043968.00069	20 MILE SOIL CONTOUR	51.6	57.2	242	24	70
ST12	70660	SOIL	17/09/1999	1800	0	541393.0004	7044011.00194	20 MILE SOIL CONTOUR	9.2	61	66	10.7	3
ST12	70661	SOIL	17/09/1999	1900	0	541480.0023	7044055.00298	20 MILE SOIL CONTOUR	9.1	85.2	265	15.5	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST12	70662	SOIL	17/09/1999	2000	0	541568.002	7044099.00402	20 MILE SOIL CONTOUR	16.9	303.4	491	31.4	3
ST12	70663	SOIL	17/09/1999	2100	0	541655.0039	7044143.00507	20 MILE SOIL CONTOUR	10.5	106.2	331	17.9	4
ST12	70664	SOIL	17/09/1999	2200	0	541743.0036	7044185.99632	20 MILE SOIL CONTOUR	11.5	108.5	194	19.2	1
ST12	70665	SOIL	17/09/1999	2300	0	541829.9972	7044229.99736	20 MILE SOIL CONTOUR	13.8	68.2	372	13.9	8
ST12	70666	SOIL	17/09/1999	2400	0	541924.9976	7044235.99614	20 MILE SOIL CONTOUR	18.4	174.8	552	34.9	2
ST12	70667	SOIL	17/09/1999	2500	0	542019.998	7044241.00512	20 MILE SOIL CONTOUR	12.2	110.7	164	19.8	3
ST12	70668	SOIL	17/09/1999	2600	0	542114.9983	7044247.0039	20 MILE SOIL CONTOUR	22.8	122.4	155	83.9	1
ST12	70669	SOIL	17/09/1999	2700	0	542209.9987	7044253.00268	20 MILE SOIL CONTOUR	14.3	84	132	31.5	4
ST12	70670	SOIL	17/09/1999	2800	0	542304.9991	7044259.00146	20 MILE SOIL CONTOUR	17.6	93.5	135	21.5	3
ST12	70671	SOIL	17/09/1999	2900	0	542399.9994	7044264.00044	20 MILE SOIL CONTOUR	27.1	90.8	53	25.3	1
ST12	70672	SOIL	17/09/1999	3000	0	542494.9998	7044269.99922	20 MILE SOIL CONTOUR	21.4	52.5	76	25.4	6
ST13	75862	SOIL	17/09/1999	0	0	539709.9989	7042890.00011	20 MILE SOIL CONTOUR	9.8	71.6	76	6	1
ST13	75863	SOIL	17/09/1999	100	0	539782.9993	7042954.99688	20 MILE SOIL CONTOUR	10.3	70.7	91	6.5	2
ST13	75864	SOIL	17/09/1999	200	0	539855.0021	7043020.00365	20 MILE SOIL CONTOUR	9.2	76.8	99	6.7	3
ST13	75865	SOIL	17/09/1999	300	0	539928.0025	7043085.00042	20 MILE SOIL CONTOUR	8.4	76.6	75	7.1	3
ST13	75866	SOIL	17/09/1999	400	0	539999.997	7043149.99719	20 MILE SOIL CONTOUR	8.9	71.8	89	6.3	1
ST13	75867	SOIL	17/09/1999	500	0	540093.9996	7043184.00027	20 MILE SOIL CONTOUR	9	61.1	80	5.7	3
ST13	75868	SOIL	17/09/1999	600	0	540189	7043218.00335	20 MILE SOIL CONTOUR	10.4	64.8	83	6.8	2
ST13	75869	SOIL	17/09/1999	700	0	540283.0026	7043250.99663	20 MILE SOIL CONTOUR	9.9	63.3	63	6.4	2
ST13	75870	SOIL	17/09/1999	800	0	540376.997	7043284.99971	20 MILE SOIL CONTOUR	11.6	70.7	65	7.2	2
ST13	75871	SOIL	17/09/1999	900	0	540470.9996	7043319.00279	20 MILE SOIL CONTOUR	8	80.4	55	3.4	1
ST13	75872	SOIL	17/09/1999	1000	0	540566	7043352.99587	20 MILE SOIL CONTOUR	9.9	80	60	4.3	1
ST13	75873	SOIL	17/09/1999	1100	0	540660.0026	7043386.99895	20 MILE SOIL CONTOUR	11.8	93.7	98	5.9	1
ST13	75874	SOIL	17/09/1999	1200	0	540753.997	7043420.00223	20 MILE SOIL CONTOUR	1.7	124.5	39	1.6	2
ST13	75875	SOIL	17/09/1999	1300	0	540848.9974	7043454.00531	20 MILE SOIL CONTOUR	14.5	99.5	279	30.7	7
ST13	75876	SOIL	17/09/1999	1400	0	540943	7043487.99839	20 MILE SOIL CONTOUR	8.2	85.2	84	31.1	2
ST13	75877	SOIL	17/09/1999	1500	0	541037.0026	7043522.00147	20 MILE SOIL CONTOUR	10	77	177	13.6	3
ST13	75878	SOIL	17/09/1999	1600	0	541130.997	7043556.00455	20 MILE SOIL CONTOUR	11.3	79.7	239	9.6	8
ST13	75879	SOIL	17/09/1999	1700	0	541225.9974	7043589.99763	20 MILE SOIL CONTOUR	12.8	90.4	91	5.9	2
ST13	75880	SOIL	17/09/1999	1800	0	541320	7043623.00091	20 MILE SOIL CONTOUR	32	77.2	90	9.9	12
ST13	75881	SOIL	17/09/1999	1900	0	541414.0026	7043657.00399	20 MILE SOIL CONTOUR	19.9	72.2	41	51.8	21
ST13	75882	SOIL	17/09/1999	2000	0	541509.003	7043690.99707	20 MILE SOIL CONTOUR	31	99.6	206	36.1	22
ST13	75883	SOIL	17/09/1999	2100	0	541602.9974	7043725.00015	20 MILE SOIL CONTOUR	26.4	112.9	422	28.5	8
ST13	75884	SOIL	17/09/1999	2200	0	541697	7043759.00323	20 MILE SOIL CONTOUR	66.8	69.8	286	92.4	24
ST13	75885	SOIL	17/09/1999	2300	0	541791.0026	7043791.99651	20 MILE SOIL CONTOUR	9.8	62.6	343	12.8	2
ST13	75886	SOIL	17/09/1999	2400	0	541886.003	7043825.99959	20 MILE SOIL CONTOUR	10.9	32.3	354	7.9	0
ST13	75887	SOIL	17/09/1999	2500	0	541979.9974	7043860.00267	20 MILE SOIL CONTOUR	18.5	59	129	9.4	1
ST14	75951	SOIL	17/09/1999	0	0	546520.0026	7045430.0031	ROAD CONTOUR - IN SADDLE AT CLAIM BOUNDARY	6.2	57	35	7.1	3
ST14	75952	SOIL	17/09/1999	100	0	546612.0014	7045473.00435	ROAD CONTOUR - 20M FROM CP 262,263,264,265	12.1	57.8	59	10.6	2
ST14	75953	SOIL	17/09/1999	200	0	546703.0026	7045517.00539	ROAD CONTOUR	11.7	60.3	627	10.7	2
ST14	75954	SOIL	17/09/1999	300	0	546795.0015	7045559.99664	ROAD CONTOUR	12.5	71.7	149	17.2	1
ST14	75955	SOIL	17/09/1999	400	0	546887.0004	7045602.99789	ROAD CONTOUR	20.5	72.4	128	9.6	2
ST14	75956	SOIL	17/09/1999	500	0	546978.0015	7045646.99893	ROAD CONTOUR - QUARTZITE BETWEEN 400-500M	9.6	60.6	114	6.4	1
ST14	75957	SOIL	17/09/1999	600	0	547070.0004	7045690.00018	ROAD CONTOUR- TOP OF KNOB	9.8	80.4	127	5.4	1
ST14	75958	SOIL	17/09/1999	700	0	547147.9978	7045633.00178	ROAD CONTOUR	7.3	112.9	79	5.1	0
ST14	75959	SOIL	17/09/1999	800	0	547224.9975	7045575.00359	ROAD CONTOUR	14.9	78	123	11.5	1
ST14	75960	SOIL	17/09/1999	900	0	547303.0032	7045518.00519	ROAD CONTOUR- QUARTZ AND QUARTZITE ON ROAD	10.5	76.2	167	5.2	0
ST14	75961	SOIL	17/09/1999	1000	0	547380.0029	7045459.997	ROAD CONTOUR- QUARTZ AND QUARTZITE ON ROAD	11.4	62.8	196	9.6	1
ST14	75962	SOIL	17/09/1999	1100	0	547473.9973	7045424.00432	ROAD CONTOUR- QUARTZ AND QUARTZITE ON ROAD	20.8	84.8	330	9.7	1
ST14	75963	SOIL	17/09/1999	1200	0	547567.9999	7045388.00165	ROAD CONTOUR- SCHIST	10.3	75	57	8.1	0
ST14	75964	SOIL	17/09/1999	1300	0	547662.0025	7045351.99898	ROAD CONTOUR - MICACEOUS SCHIST + QUARTZ	9.1	59.4	58	4.7	1
ST14	75965	SOIL	17/09/1999	1400	0	547755.9969	7045315.99631	ROAD CONTOUR	13	82.7	69	8.3	1

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST14	75966	SOIL	17/09/1999	1500	0	547849.9995	7045280.00363	ROAD CONTOUR	19.3	103	33	4.5	1
ST14	75967	SOIL	17/09/1999	1600	0	547951.0029	7045271.00546	ROAD CONTOUR - QUARTZ EYE VOLCANIC- 20M TO CP 280-	12.6	82.3	64	6	1
ST14	75968	SOIL	17/09/1999	1700	0	548051.998	7045261.9973	ROAD CONTOUR	11.7	68.9	103	10.4	1
ST14	75969	SOIL	17/09/1999	1800	0	548153.0013	7045252.99913	ROAD CONTOUR	6.5	90.7	54	4.7	1
ST14	75970	SOIL	17/09/1999	1900	0	548253.9964	7045244.00096	ROAD CONTOUR	9.5	71.2	81	7.4	2
ST14	75971	SOIL	17/09/1999	2000	0	548354.9998	7045235.00279	ROAD CONTOUR	15.7	72.7	168	5.5	3
ST14	75972	SOIL	17/09/1999	2100	0	548456.0031	7045226.00462	ROAD CONTOUR	11.4	59.6	94	8.6	1
ST14	75973	SOIL	17/09/1999	2200	0	548556.9982	7045216.99646	ROAD CONTOUR	6.4	43.4	77	4.6	7
ST14	75974	SOIL	17/09/1999	2300	0	548658.0016	7045207.99829	ROAD CONTOUR - NEAR TOP OF KNOB	10.9	51.8	106	9.7	1
ST14	75975	SOIL	17/09/1999	2400	0	548758.9967	7045199.00012	ROAD CONTOUR	9.7	69.4	72	11.5	1
ST14	75976	SOIL	17/09/1999	2500	0	548860	7045190.00195	ROAD CONTOUR - CREST OF KNOB	5.8	89.9	85	5.6	5
ST14	75977	SOIL	17/09/1999	2600	0	548943.0027	7045248.00015	ROAD CONTOUR - MARBLE	10.9	45.8	111	14.2	2
ST14	75978	SOIL	17/09/1999	2700	0	549024.9994	7045304.99855	ROAD CONTOUR	16.7	115.9	56	63.7	4
ST14	75979	SOIL	17/09/1999	2800	0	549108.0020	7045362.99674	ROAD CONTOUR - QUARTZITE + GNEISS - CP 300-303	47.8	74	24	5.7	1
ST14	75980	SOIL	17/09/1999	2900	0	549189.9987	7045420.00514	ROAD CONTOUR	16	64.1	162	14.8	2
ST14	75981	SOIL	17/09/1999	3000	0	549284.9991	7045433.00249	ROAD CONTOUR	13.4	69.2	142	42.5	1
ST14	75982	SOIL	17/09/1999	3100	0	549379.9994	7045446.99964	ROAD CONTOUR	13.5	67.9	39	15.2	2
ST14	75983	SOIL	17/09/1999	3200	0	549474.9998	7045459.997	ROAD CONTOUR - ROCKY	12.1	64.5	142	70.6	3
ST14	75984	SOIL	17/09/1999	3300	0	549570.0002	7045473.00435	ROAD CONTOUR - ROCKY - QUARTZITE	11.9	60.1	97	87.4	9
ST14	75985	SOIL	17/09/1999	3400	0	549665.0006	7045487.0015	ROAD CONTOUR	29.8	90.7	118	829.4	18
ST14	75986	SOIL	17/09/1999	3500	0	549760.0009	7045499.99885	ROAD CONTOUR - EOL - BREAK IN SLOPE	14.8	114.9	42	11.2	1
ST15	77142	SOIL	10/07/2000	3200	0	550647.9959	7035704.0028	R1	14.2	73.5	177	32.6	6
ST15	77143	SOIL	10/07/2000	3100	0	550586.0036	7035635.99664	R1, QTZ CHIPS IN SOIL	11.2	92.2	33	23.2	3
ST15	77144	SOIL	10/07/2000	3000	0	550524.0031	7035568.00048	R1	10.1	62.9	87	33.2	6
ST15	77145	SOIL	10/07/2000	2935	0	550484	7035524	R1, FINE SILT IN CREEK	14.6	77	213	59.3	7
ST15	77147	SOIL	10/07/2000	2900	0	550462.0026	7035500.00432	R1, QTZ AND SERICITE-QTZ SCHIST CHIPS	17.1	87.4	431	144.2	56
ST15	77148	SOIL	10/07/2000	2800	0	550400.0021	7035431.99817	R1	15.2	65.1	249	62.1	16
ST15	77149	SOIL	10/07/2000	2700	0	550338.0016	7035364.00201	R1	16	119.5	104	487.4	59
ST15	77150	SOIL	10/07/2000	2600	0	550276.0011	7035295.99585	R1	16.2	58.9	257	40.1	6
ST15	77151	SOIL	10/07/2000	2500	0	550214.0006	7035227.99969	R1, BIOTITE SCHIST CLASTS	20.9	68	276	47.3	14
ST15	77152	SOIL	10/07/2000	2400	0	550152.0001	7035160.00353	R1, QTZ-SERICITE SCHIST	14.2	73.8	196	32	2
ST15	77153	SOIL	10/07/2000	2300	0	550089.9996	7035091.99737	R1, QTZ CHIPS IN SOIL	12.1	70.6	246	32.1	2
ST15	77154	SOIL	10/07/2000	2200	0	550027.9991	7035024.00121	R1, DIORITE ORTHOGNEISS	39.5	135.4	221	237	3
ST15	77155	SOIL	10/07/2000	2100	0	549965.9986	7034956.00505	R1, QTZ-SERICITE SCHIST	10.1	74.6	126	62.7	12
ST15	77156	SOIL	10/07/2000	2000	0	549903.9981	7034887.9989	R1, GRAPHITIC QTZ CLASTS, AND MODERATELY FOLIATED	15.9	80.1	172	79.3	12
ST15	77157	SOIL	10/07/2000	1900	0	549841.9976	7034820.00274	R1	15.7	57.7	263	18.2	3
ST15	77122	SOIL	09/07/2000	0	0	548591.0041	7033489.00366	R1	9.6	65.4	241	5.6	3
ST15	77123	SOIL	09/07/2000	100	0	548657.0038	7033558.99941	R1	8.4	77.9	159	6.5	4
ST15	77124	SOIL	09/07/2000	200	0	548724.0013	7033629.00516	R1	9.7	75.7	146	9.1	2
ST15	77125	SOIL	09/07/2000	300	0	548790.9988	7033699.00091	R1	11	55.3	210	8.9	3
ST15	77126	SOIL	09/07/2000	400	0	548857.9963	7033768.99667	R1	11.7	73.6	115	6.4	2
ST15	77127	SOIL	09/07/2000	500	0	548896.9991	7033835.00323	R1	13.3	85.9	227	6.8	6
ST15	77128	SOIL	09/07/2000	600	0	548958.9996	7033902.99939	R1	11	66.8	130	6.2	6
ST15	77129	SOIL	09/07/2000	700	0	549021.0001	7033971.00555	R1, RUBBLE SECTION OF MILKY SUGARY QTZ	13.9	67.1	99	12	2
ST15	77130	SOIL	09/07/2000	800	0	549083.0006	7034039.00171	R1, GREY SOIL UNDER 2 FT OF ORGANICS	11.2	92.7	249	23	10
ST15	77131	SOIL	09/07/2000	900	0	549145.0011	7034106.99787	R1	8.9	70.6	93	16.1	4
ST15	77132	SOIL	09/07/2000	1000	0	549207.0016	7034175.00402	R1, PERMAFROST, ORGANICS IN SOIL	11.4	100.7	160	17.5	9
ST15	77133	SOIL	09/07/2000	1070	0	549251	7034223	R1	5.7	67.3	54	6.5	2
ST15	77134	SOIL	09/07/2000	1100	0	549288.0006	7034268.00509	R1, MUSC AND QTZ IN SOIL	13.3	84.6	105	58.3	9
ST15	77135	SOIL	09/07/2000	1200	0	549331.0026	7034310.99634	R1	12.5	74.6	184	69.7	6
ST15	77136	SOIL	09/07/2000	1300	0	549393.0031	7034379.0025	R1	11.7	57.6	354	35.9	1
ST15	77137	SOIL	09/07/2000	1400	0	549455.0036	7034446.99866	R1	9.5	75.8	90	73.9	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST15	77138	SOIL	09/07/2000	1500	0	549516.9959	7034515.00482	R1	9.9	62.3	297	66.8	10
ST15	77139	SOIL	09/07/2000	1600	0	549578.9964	7034583.00098	R1	10.1	64.4	80	74.5	4
ST15	77140	SOIL	09/07/2000	1700	0	549640.9969	7034650.99714	R1	12.2	61	305	55.9	11
ST15	77141	SOIL	09/07/2000	1800	0	549702.9974	7034719.00329	R1	9.7	66.2	217	101.3	6
ST15	77100	SOIL	08/07/2000	3300	0	550711.0024	7035767.99977	R1: SOIL CONTOUR ALONG CLAIM LINE NE FROM FLUME 1	12.8	65.6	120	35.2	10
ST15	77101	SOIL	08/07/2000	3400	0	550774.0006	7035839.00532	R1 3400M	11.8	63.1	68	23.9	5
ST15	77102	SOIL	08/07/2000	3463	0	550813	7035883	R1 3500M	14.9	83.8	169	62.4	5
ST15	77103	SOIL	08/07/2000	3500	0	550836.0012	7035910.00087	R1, RUSTY MUSC-QTZ SCHIST	22.8	73.6	111	31.6	12
ST15	77104	SOIL	08/07/2000	3600	0	550898.9994	7035979.99662	R1, MUSC-QTZ IN SOIL	13.5	65	66	25.2	3
ST15	77105	SOIL	08/07/2000	3700	0	550960.9999	7036051.00217	R1, MICACEOUS SOIL	11.3	71.9	116	18.9	3
ST15	77106	SOIL	08/07/2000	3800	0	550982.9998	7036105.00118	R1, MUSC-QTZ IN SOIL	10.6	70.6	94	24	8
ST15	77107	SOIL	08/07/2000	3900	0	551053	7036176	R1, ROCKY, MUSC-QTZ SCHIST	8.9	72.7	76	13.4	2
ST15	77108	SOIL	08/07/2000	4000	0	551124.0038	7036247.00227	R1, ROCKY, MUSC-QTZ SCHIST	21.6	131.1	200	57.1	6
ST15	77109	SOIL	08/07/2000	4100	0	551195.0005	7036316.99803	R1, MUSC SCHIST	14.7	112.7	287	57.5	3
ST15	77110	SOIL	08/07/2000	4200	0	551265.9972	7036388.00357	R1, MUSC-BIOT SCHIST	10.7	107.5	188	74.5	4
ST15	77111	SOIL	08/07/2000	4300	0	551330.0014	7036457.99933	R1, SAMPLE FROM PERMAFROST UNDER 2 FT OF MOSS	9.2	92.8	281	36.3	3
ST15	77112	SOIL	08/07/2000	4400	0	551334	7036463	R1, SMALL CREEK	10.75	60.2	60	36.3	1.8
ST15	77112	SOIL	08/07/2000	4400	0	551334	7036463	R1, SMALL CREEK	10.75	60.2	60	36.3	1.8
ST15	77113	SOIL	08/07/2000	4500	0	551400.9982	7036529.00487	R1, O/C FROM 77112 TO 77113	19.9	93.4	61	35	3
ST15	77114	SOIL	08/07/2000	4600	0	551472.0031	7036600.00042	R1, QTZ	31.6	82.7	42	47.4	0
ST15	77115	SOIL	08/07/2000	4700	0	551542.0021	7036670.99597	R1, ROCKY	26	82.9	70	30.4	2
ST15	77116	SOIL	08/07/2000	4800	0	551612.9988	7036741.00172	R1, QTZ-MUSC SCHIST	18.9	78.1	84	14.7	2
ST15	77117	SOIL	08/07/2000	4900	0	551684.0038	7036811.99727	R1, FLAT ROCKS	27.2	86.2	95	23.8	3
ST15	77118	SOIL	08/07/2000	5000	0	551737	7036866	R1, SMALL CREEK	15.34	74.5	118	24.1	3.8
ST15	77118	SOIL	08/07/2000	5000	0	551737	7036866	R1, SMALL CREEK	15.34	74.5	118	24.1	3.8
ST15	77119	SOIL	08/07/2000	5100	0	551754.0028	7036883.00282	R1, QUARTZITE AND MARBLE IN SOIL HOLE	44.9	67.7	50	26.7	3
ST15	77120	SOIL	08/07/2000	5200	0	551824.9995	7036952.99857	R1	26.7	77.5	51	21.6	2
ST15	77121	SOIL	08/07/2000	5300	0	551895.9962	7037024.00412	R1, 62M SW, RUBBLY O/C OF QUARTZITE AND MUSC. SCHI	26.5	59.8	81	20.8	3
ST16	76900	SOIL	12/07/2000	1300	0	550763.0007	7034695.99798	R2, QUARTZITES IN SAMPLE	21.3	127.4	215	103.6	3
ST16	76901	SOIL	12/07/2000	1200	0	550705.9972	7034616.00426	R2, QTZ-EYE PORPHYRY FOR LAST 50M	85.8	113.3	232	14.1	2
ST16	76902	SOIL	12/07/2000	1100	0	550649.0019	7034536.00054	R2	16.7	98.7	514	80.5	5
ST16	76903	SOIL	12/07/2000	1000	0	550591.9984	7034455.99683	R2	17.9	99.5	50	60.6	9
ST16	76904	SOIL	12/07/2000	900	0	550535.0031	7034376.00311	R2, QUARTZITE	17.2	106.9	149	71.4	6
ST16	76905	SOIL	12/07/2000	800	0	550463.9981	7034322.0041	R2	21.2	160.5	87	48.1	2
ST16	76906	SOIL	12/07/2000	700	0	550407.0029	7034242.00039	R2, QUARTZITE	17.4	103.8	385	40.6	6
ST16	76907	SOIL	12/07/2000	680	0	550395	7034226	R2	15.4	119.8	204	33.2	5
ST16	76908	SOIL	12/07/2000	600	0	550349.9993	7034161.99667	R2	10	73.7	165	12.4	9
ST16	76909	SOIL	12/07/2000	500	0	550293.0041	7034082.00295	R2	15.6	76.5	320	21.9	4
ST16	76910	SOIL	12/07/2000	400	0	550225.0006	7034043.00089	R2, QTZ-MUSC SCHIST WITH QTZ VEINS (SILICIFIED?)	18.3	94.3	139	45.2	6
ST16	76911	SOIL	12/07/2000	300	0	550167.9971	7033962.99718	R2, 2-15cm QTZ VEINS PARALLEL TO FOLIATION IN QTZ-	15.7	118.9	94	38	5
ST16	76912	SOIL	12/07/2000	200	0	550111.0018	7033883.00346	R2	12.3	50.6	15	27.3	3
ST16	76913	SOIL	12/07/2000	100	0	550053.9983	7033802.99974	R2	9.5	54	85	8.9	2
ST16	76914	SOIL	12/07/2000	0	0	549980.9978	7033757.9989	R2	12	63.3	82	8.9	3
ST16	77186	SOIL	12/07/2000	2600	0	551505.003	7035699.00382	R2 NE END OF CONTOUR SOIL LINE ALONG CLAIM LINE, 2	13.4	71.3	126	284.3	14
ST16	77187	SOIL	12/07/2000	2500	0	551447.9995	7035619.0001	R2, RUBBLE OF BIOT-MUSC SCHIST	15.8	75.8	160	262.9	20
ST16	77188	SOIL	12/07/2000	2400	0	551390.9959	7035538.99639	R2	13.3	81	146	149.5	6
ST16	77189	SOIL	12/07/2000	2300	0	551334.0007	7035459.00267	R2	15.7	76.5	1013	109.7	11
ST16	77190	SOIL	12/07/2000	2200	0	551276.9972	7035378.99895	R2	24.2	92.9	147	251.9	2
ST16	77191	SOIL	12/07/2000	2100	0	551224.0011	7035300.00503	R2	14.9	58.4	111	76.7	24
ST16	77192	SOIL	12/07/2000	2000	0	551166.9976	7035220.00132	R2, QUARTZITES IN SAMPLE	14.9	65.3	87	20.1	1
ST16	77193	SOIL	12/07/2000	1900	0	551110.0023	7035139.9976	R2	13.8	46	250	143	25
ST16	77194	SOIL	12/07/2000	1800	0	551052.9988	7035060.00388	R2	14	58.4	68	13.5	7

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST16	77195	SOIL	12/07/2000	1720	0	551017	7035021	R2	13.75	88.3	229	87.8	10.6
ST16	77196	SOIL	12/07/2000	1700	0	550989.0028	7034980.99997	R2	23	97.8	54	67.5	9
ST16	77197	SOIL	12/07/2000	1600	0	550949	7034925	R2, LOTS OF QTZ IN CREEK	9.58	93.1	83	37.6	5
ST16	77198	SOIL	12/07/2000	1500	0	550891.9987	7034844.99765	R2	12	75.6	192	18.5	2
ST16	77199	SOIL	12/07/2000	1400	0	550835.0034	7034765.00393	R2	22.8	78.7	354	123.2	3
ST17	77158	SOIL	11/07/2000	0	0	550419.0006	7033314.99908	R3, SOIL CONTOUR LINE, STATION 0M, GOING NE ON CLA	10.2	55.2	86	7.4	3
ST17	77159	SOIL	11/07/2000	100	0	550477.0018	7033375.99666	R3, QTZ VEIN IN MUSC. SCHIST CLAST IN SOIL HOLE	12.3	80.3	290	13.2	2
ST17	77160	SOIL	11/07/2000	200	0	550535.0031	7033438.00404	R3, IN SAMPLE	14.3	105.7	210	47.6	5
ST17	77161	SOIL	11/07/2000	300	0	550592.9961	7033499.00162	R3	12.1	105.9	153	28.1	4
ST17	77162	SOIL	11/07/2000	400	0	550652.0034	7033560.999	R3	10.3	82.4	229	24.5	4
ST17	77163	SOIL	11/07/2000	450	0	550710	7033622	R3	11.2	83.7	93	9.6	2
ST17	77164	SOIL	11/07/2000	500	0	550767.9977	7033684.00397	R3, IN SAMPLE	22	86.1	346	23	4
ST17	77165	SOIL	11/07/2000	600	0	550826.9967	7033745.00155	R3	27.2	96.1	266	23.7	4
ST17	77166	SOIL	11/07/2000	700	0	550884.998	7033806.99893	R3	18.1	105	119	55.4	2
ST17	77167	SOIL	11/07/2000	800	0	550942.9992	7033867.99651	R3	16.4	77.7	128	33.8	3
ST17	77168	SOIL	11/07/2000	900	0	551001.9982	7033930.00389	R3	19.9	82.2	280	30.2	3
ST17	77169	SOIL	11/07/2000	1000	0	551059.9995	7033991.00148	R3, FLUME 225 POST # 2, 10M PAST THIS SAMPLE	12	83	162	52.3	7
ST17	77170	SOIL	11/07/2000	1100	0	551118.0008	7034052.99886	R3	35.7	90	219	19.2	7
ST17	77171	SOIL	11/07/2000	1200	0	551176.0021	7034113.99644	R3	14.3	85.6	206	30.6	4
ST17	77172	SOIL	11/07/2000	1300	0	551235.0011	7034176.00382	R3, QTZ IN SAMPLE	18.5	59	376	16.3	2
ST17	77173	SOIL	11/07/2000	1400	0	551293	7034237	R3, CREEK RUNNIG 340 DEG	17.54	105.4	200	30.9	2.8
ST17	77174	SOIL	11/07/2000	1500	0	551351.0036	7034298.99879	R3, QTZ CLAST	12.7	89.1	261	22.6	3
ST17	77175	SOIL	11/07/2000	1600	0	551410.0026	7034359.99637	R3, VERY WET SAMPLE	15.2	87.3	459	45.6	6
ST17	77176	SOIL	11/07/2000	1700	0	551468.0039	7034422.00375	R3, VERY WET SAMPLE	13.5	102	305	76.8	7
ST17	77177	SOIL	11/07/2000	1800	0	551525.9969	7034483.00133	R3	12.6	96	366	61.2	6
ST17	77178	SOIL	11/07/2000	1900	0	551585	7034545	R3, SUBCROP OF BIOT SCHIST	12.38	120.7	230	60.4	4.7
ST17	77179	SOIL	11/07/2000	2000	0	551642.9972	7034605.9963	R3, PERMAFROST	12	80.8	430	110.4	5
ST17	77180	SOIL	11/07/2000	2100	0	551700.9985	7034668.00368	R3, QTZ CLASTS	13.5	115.2	381	70.4	4
ST17	77181	SOIL	11/07/2000	2200	0	551758.9997	7034729.00126	R3	8.8	71.2	179	11.5	4
ST17	77182	SOIL	11/07/2000	2300	0	551817.9988	7034790.99864	R3	11.8	80	99	8.9	3
ST17	77183	SOIL	11/07/2000	2400	0	551876.0000	7034851.99622	R3	12.6	65.9	127	10.1	4
ST17	77184	SOIL	11/07/2000	2500	0	551934.0013	7034914.0036	R3	10.6	55.4	19	8.8	3
ST17	77185	SOIL	11/07/2000	2600	0	551993.0003	7034975.00119	R3	10.7	53.5	37	9.1	7
ST18	76806	SOIL	25/07/2000	0	0	544928.0021	7042113.99806	SOIL CONTOUR, STATION 0M, ~100M DOWN HILL FROM 704	9.3	57.1	96	8	4
ST18	76807	SOIL	25/07/2000	0	0	544863.9979	7042041.00292	100M, SILTY SAMPLE WITH GRANITE CHIPS	21.1	56.9	196	18.2	10
ST18	76808	SOIL	25/07/2000	0	0	544767.9998	7042014.99822	200M, QTZ CHIPS AND RUSTY SERICITE-QTZ SCHIST CLAS	18.8	65.3	160	11.6	6
ST18	76809	SOIL	25/07/2000	0	0	544680.0001	7041984.00452	300M, SERICITE-QTZ SCHIST CHIPS	14.3	66.6	159	43.2	4
ST18	76810	SOIL	25/07/2000	0	0	544570.9983	7041954.00063	400M, CHIPS OF CHLORITE-QTZ SCHIST AND QTZ-SERICIT	23.2	112.9	134	113.9	3
ST18	76811	SOIL	25/07/2000	0	0	544471.9987	7041922.99694	500M, SERICITE-QTZ SCHIST CHIPS	19	65.5	182	8.5	2
ST18	76812	SOIL	25/07/2000	0	0	544369.9976	7041886.00447	600M, LIMONITIC FINE GRAINED GRANITE	12.2	50.6	40	5.7	2
ST18	76813	SOIL	25/07/2000	0	0	544343.0007	7041805.00096	700M, QUARTZITE CLASTS	8.4	53.1	61	3.6	1
ST18	76814	SOIL	25/07/2000	0	0	544328.0015	7041721.99786	800M, CHIPS OF SERICITE-QTZ SCHIST AND WHITE QTZ	6.4	80.4	141	2.4	3
ST18	76815	SOIL	25/07/2000	0	0	544254.0033	7041659.00068	900M, BIOT-QTZ SCHIST CHIPS	7.9	56.5	22	4.9	1
ST18	76816	SOIL	25/07/2000	0	0	544163.9999	7041608.00106	1000M, QUARTZITE AND BIOT-QTZ SCHIST	7.1	73	17	6.2	1
ST18	76817	SOIL	25/07/2000	0	0	544089.004	7041552.00246	1100M, NO ROCK CHIPS OR CLASTS IN SOIL	13.5	56.8	99	7.1	4
ST18	76818	SOIL	25/07/2000	0	0	544046.9996	7041471.99874	1200M	9.4	47.2	66	5.7	1
ST18	76819	SOIL	25/07/2000	0	0	544137.0030	7041456.002	1300M, SMALL QUARTZITE CHIPS	8.7	54.8	41	8.2	3
ST18	76820	SOIL	25/07/2000	0	0	544233.0012	7041452.00281	1400M	8.3	47.9	55	3.7	1
ST18	76821	SOIL	25/07/2000	0	0	544338.0037	7041447.00383	1500M, FINE SILT, NO ROCK CHIPS, COULD BE VOLCANIC	8.5	45.4	38	3.8	1
ST18	76822	SOIL	25/07/2000	0	0	544423.9996	7041461.00098	1600M	9.2	44.7	66	4.9	3
ST18	76823	SOIL	25/07/2000	0	0	544525.003	7041466.99976	1700M, SERICITE-QTZ SCHIST CHIPS	9.2	48.9	35	4.4	4
ST18	76824	SOIL	25/07/2000	0	0	544614.9981	7041481.99671	1800M, CHIPS OF RUSTYSERICITE-QTZ SCHIST	12.1	64.5	78	27.6	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST18	76825	SOIL	25/07/2000	0	0	544705.9993	7041513.0004	1900M, WHITE QTZ CHIPS, END OF SOIL CONTOUR LINE	14.8	53.9	55	10.2	1
ST19	76975	SOIL	26/07/2000	0	0	546802.0022	7046986.99618	2600M,THIRTEEN MILE CREEK CONTOUR LINE PERMAFROST	14.3	60.5	98	6.4	5
ST19	76976	SOIL	26/07/2000	0	0	546725.0025	7046967.00025	2700M,THIRTEEN MILE CREEK CONTOUR LINE PERMAFROST	14	57.5	87	4.4	3
ST19	76977	SOIL	26/07/2000	0	0	546630.0021	7046924.9988	2800M, PERMAFROST ON UPPER MARGIN OF B-HORIZON	13.1	62.3	111	4.5	6
ST19	76978	SOIL	26/07/2000	0	0	546543.0002	7046869.0002	2900M, ROCK FRAGMENTS: QTZ, MARBLE, LOTS OF ORGANI	21.7	54.3	103	4.6	2
ST19	76979	SOIL	26/07/2000	0	0	546463.9968	7046809.00241	3000M	24.3	47.3	35	6.8	2
ST19	76980	SOIL	26/07/2000	0	0	546410.003	7046734.99747	3100M, NO ROCK FRAGMENTS	15.5	46.4	61	4.6	2
ST19	76981	SOIL	26/07/2000	0	0	546389.9986	7046629.99885	3200M	13.8	52.5	73	3.2	1
ST19	76982	SOIL	26/07/2000	0	0	546393.0001	7046526.99981	3300M, GRANITE (?) FRAGMENTS	12.7	51.3	105	2.5	1
ST19	76983	SOIL	26/07/2000	0	0	546340.0040	7046436.99813	3400M, GRANITE WITH QTZ	9.3	64.2	104	5.6	2
ST19	76984	SOIL	26/07/2000	0	0	546302.9967	7046539.99717	3500M, GRANITE FRAGMENTS	9.6	66.5	78	5.1	11
ST19	76985	SOIL	26/07/2000	0	0	546235.0014	7046614.0021	3600M	7.4	54.9	72	6.2	2
ST19	76986	SOIL	26/07/2000	0	0	546174.9964	7046681.99826	3700M, NO ROCK FRAGMENTS	7.4	60.4	82	6.5	4
ST19	76987	SOIL	26/07/2000	0	0	546078.9983	7046719.00073	3800M, ON MTN. RIDGE SPUR, END OF THIRD CREEK VALL	8.7	65.7	106	7.7	2
ST19	76988	SOIL	26/07/2000	0	0	545967.0033	7046718.00093	3900M, PERMAFROST IN B-HORIZON, LOTS OF ORGANICS	8.4	60	77	4.7	2
ST19	76989	SOIL	26/07/2000	0	0	545887.0021	7046673.99989	4000M, PARTIALLY DEVELOPED B-HORIZON, SILICIFIED G	10.6	59.5	64	5.7	4
ST19	76990	SOIL	26/07/2000	0	0	545803.0017	7046639.99681	4100M, B-HORIZON WEAKLY DEVELOPED, SILICIFIED GRAN	19.8	54.1	84	6	3
ST19	76991	SOIL	26/07/2000	0	0	545711.0028	7046598.00536	4200M, MARBLE FRAGMENTS	20.7	63.3	78	12.5	3
ST19	71648	SOIL	19/07/2000	0	0	548577.0026	7046475.0004	100M, THIRTEEN MILE CREEK CONTOUR MUSC. SCHIST ROC	18.4	85.4	44	9	1
ST19	71649	SOIL	19/07/2000	0	0	548606.0033	7046575.99984	200M	25.7	56.4	70	4.7	1
ST19	71650	SOIL	19/07/2000	0	0	548582.9974	7046665.00172	300M	10.8	74.9	58	13.2	3
ST19	71651	SOIL	19/07/2000	0	0	548502.9962	7046729.99849	400M	12	66.2	33	13.8	1
ST19	71652	SOIL	19/07/2000	0	0	548409.0018	7046763.00177	500M	11.4	55.9	58	7.3	2
ST19	71653	SOIL	19/07/2000	0	0	548321.9999	7046815.00119	600M	7.9	74.3	79	9.3	3
ST19	71654	SOIL	19/07/2000	0	0	548256.9979	7046889.99592	700M	11	70.6	94	6.6	2
ST19	71655	SOIL	19/07/2000	0	0	548160.0020	7046934.99676	800M	10.2	59.6	76	6.9	1
ST19	71656	SOIL	19/07/2000	0	0	548058.9987	7046979.9976	900M	10	51.7	81	5.2	1
ST19	71657	SOIL	19/07/2000	0	0	547959.9991	7046963.00106	1000M	9.8	59.8	43	5.5	2
ST19	71658	SOIL	19/07/2000	0	0	547860.0017	7046954.0029	1100M	7.4	53.2	71	5.8	7
ST19	71659	SOIL	19/07/2000	0	0	547770.9961	7046998.00394	1200M	10.1	60	85	5.7	1
ST19	71660	SOIL	19/07/2000	0	0	547714.9986	7047064.00051	1300M	12.9	58.1	83	8	3
ST19	71661	SOIL	19/07/2000	0	0	547630.9981	7047088.00562	1400M	10.1	54.5	96	7.1	6
ST19	71662	SOIL	19/07/2000	0	0	547546.9977	7047109.00135	1500M, ONSET OF PERMAFROST	10	63	104	11.2	3
ST19	71663	SOIL	19/07/2000	0	0	547457.0026	7047118.99931	1600M, LIMESTONE BOULDER	10.3	63.8	95	8.2	4
ST19	71665	SOIL	19/07/2000	0	0	547297.998	7046998.00394	1700M, ROCK FRAGMENTS: MARBLE, NO QTZ VEINS	9.6	61.4	90	7.9	3
ST19	71666	SOIL	19/07/2000	0	0	547241.0027	7046924.9988	1800M, SKARN WITH MALACHITE AS FLOAT (LOCAL)	11.6	64.4	97	7.9	3
ST19	71668	SOIL	19/07/2000	0	0	547198.9984	7046851.00386	1900M, LIMESTONE ROCK FRAGMENTS	12.1	58.1	100	8	4
ST19	71669	SOIL	19/07/2000	0	0	547179.9999	7046767.00096	2000M, METASEDS AND LIMESTONE ROCK FRAGMENTS	16.1	51.2	92	6.2	5
ST19	71670	SOIL	19/07/2000	0	0	547138.0039	7046689.99663	2100M, SECOND CREEK CROSSING, SAMPLE BESIDE CREEK	11.9	72.8	113	7.1	2
ST19	71671	SOIL	19/07/2000	0	0	547088.0011	7046776.99892	2200M, FOLIATED ALTERED GRANITE IN CREEK	7.8	62.8	81	8.6	3
ST19	71672	SOIL	19/07/2000	0	0	547059.9982	7046871.99959	2300M	8.2	65.4	49	7.2	13
ST19	71673	SOIL	19/07/2000	0	0	546999.0037	7046943.00513	2400M	16.4	61.1	70	6.3	4
ST19	71674	SOIL	19/07/2000	0	0	546904.0033	7046976.99822	2500M	14.6	59.9	80	9.6	4
ST2	507601	SOIL	17/08/1998	7038450	549200	549071.0029	7038619.99926	SOIL TRAVERSE	57.2	77.7	33	12.1	3
ST2	507602	SOIL	17/08/1998	7038400	549125	548995.9987	7038569.99944	SOIL TRAVERSE	48.3	112	195	81	28
ST2	507603	SOIL	17/08/1998	7038310	549040	548911.0006	7038479.99775	SOIL TRAVERSE	72.5	78.8	211	54.7	7
ST2	507604	SOIL	17/08/1998	7038240	548960	548830.9994	7038410.002	SOIL TRAVERSE	93.1	76.2	225	133.7	6
ST2	507605	SOIL	17/08/1998	7038160	548890	548761.0004	7038329.99829	SOIL TRAVERSE	62.4	68.3	109	51.2	4
ST2	507606	SOIL	17/08/1998	7038120	548800	548670.9970	7038289.99643	SOIL TRAVERSE	34.6	62.9	239	73.9	2
ST2	507607	SOIL	17/08/1998	7038050	548750	548621.0025	7038220.00068	SOIL TRAVERSE	14.7	61.2	100	34.2	6
ST2	507608	SOIL	17/08/1998	7037980	548650	548520.9969	7038150.00492	SOIL TRAVERSE	18.7	77.2	228	12.5	0
ST2	507609	SOIL	17/08/1998	7037920	548600	548471.0023	7038089.99714	SOIL TRAVERSE	11.3	59.6	101	26.2	1

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST2	507610	SOIL	17/08/1998	7037860	548520	548391.0011	7038029.99935	SOIL TRAVERSE	23.6	70.3	112	221.2	12
ST2	507611	SOIL	17/08/1998	7037800	548430	548300.9977	7037970.00156	SOIL TRAVERSE	36	95.9	229	234.5	7
ST2	507612	SOIL	17/08/1998	7037720	548360	548230.9988	7037889.99785	SOIL TRAVERSE	63	207.5	246	263.5	7
ST2	507613	SOIL	17/08/1998	7037650	548310	548180.996	7037820.0021	SOIL TRAVERSE	90.3	342.5	872	163.7	21
ST2	507614	SOIL	17/08/1998	7037600	548200	548070.9964	7037770.00227	SOIL TRAVERSE: GREEN MICACEOUS SOIL	20.7	77.8	278	75.1	0
ST2	507615	SOIL	17/08/1998	7037525	548150	548021.0018	7037694.99754	SOIL TRAVERSE: GREEN MICACEOUS SOIL	22.7	78.2	147	11.6	3
ST2	507616	SOIL	17/08/1998	7037490	548090	547960.9968	7037660.00466	SOIL TRAVERSE	13.2	57.2	41	3.8	2
ST2	507617	SOIL	17/08/1998	7037450	548002	547872.9972	7037620.0028	SOIL TRAVERSE-GREEN MICACEOUS SOIL	13.2	65.1	291	41.6	38
ST2	507618	SOIL	17/08/1998	7037400	547960	547831.0011	7037570.00298	SOIL TRAVERSE	31.3	66.5	97	37.1	7
ST2	507619	SOIL	17/08/1998	7037310	547910	547780.9983	7037480.0013	SOIL TRAVERSE	17.3	72.5	217	64.7	18
ST2	507620	SOIL	17/08/1998	7037250	547825	547696.0001	7037420.00351	SOIL TRAVERSE: FINE BROWN SAND	19.2	53.1	257	316.7	26
ST2	507621	SOIL	17/08/1998	7037200	547725	547596.0028	7037370.00369	SOIL TRAVERSE	18.1	67.9	206	195.5	11
ST2	507622	SOIL	17/08/1998	7037150	547700	547571.0014	7037320.00387	SOIL TRAVERSE	18	60.9	171	22.5	57
ST2	507623	SOIL	17/08/1998	7037100	547600	547471.0040	7037270.00405	SOIL TRAVERSE: DARK BROWN TO BLACK	14.5	52.6	162	8.5	0
ST2	507624	SOIL	17/08/1998	7037060	547500	547370.9984	7037230.00219	SOIL TRAVERSE-2300 M: GREY-BROWN	11.9	71.3	71	4.5	3
ST2	507625	SOIL	17/08/1998	7037010	547400	547271.0011	7037180.00237	SOIL TRAVERSE	16	77.4	182	2.3	0
ST20	76741	SOIL	25/07/2000	0	0	543919.9972	7045430.0031	START OF CONTOUR LINE, 2500 FT ELEVATION, PERMAFRO	9.6	39.5	81	4.8	1
ST20	76742	SOIL	25/07/2000	0	0	543984.0014	7045364.99633		8	63	50	4.5	2
ST20	76743	SOIL	25/07/2000	0	0	544084.9965	7045330.00346	CLAYISH, PEBBLY	12.9	48.6	76	5.1	8
ST20	76744	SOIL	25/07/2000	0	0	544177.0036	7045354.99837	MARBLE CLASTS	16.6	52	43	7.9	2
ST20	76745	SOIL	25/07/2000	0	0	544250.0041	7045420.00514	MAY BE CLOSE TO MARBLE BEDROCK(?)	13	57.2	91	7.9	3
ST20	76746	SOIL	25/07/2000	0	0	544303.9979	7045494.00008	STILL IN MARBLES	12.3	67.4	71	6.6	3
ST20	76747	SOIL	25/07/2000	0	0	544318.9971	7045602.99789	MIX OF SANDY BROWN AND GREY CLAY, STILL FINDING MA	8.6	50.7	63	7	2
ST20	76748	SOIL	25/07/2000	0	0	544324.0023	7045709.99611	CLAYISH WITH BITS OF MARBLE	14.1	56.2	102	9.5	7
ST20	76749	SOIL	25/07/2000	0	0	544364.0029	7045796.9984	CLAYISH	11.3	51.4	72	5.2	2
ST20	76750	SOIL	25/07/2000	0	0	544365.9984	7045900.99723	CLAYISH	10.8	64.6	78	6.3	4
ST20	76751	SOIL	25/07/2000	0	0	544405.999	7046004.99606		9.3	64.8	61	3.8	2
ST20	76752	SOIL	25/07/2000	0	0	544438.0011	7046105.00571	WET SOIL, STILL AT 2500 FT ELEVATION	12.6	99	64	2.8	2
ST20	76753	SOIL	25/07/2000	0	0	544457.9973	7046211.00413		11.7	50.2	57	5.8	1
ST20	76754	SOIL	25/07/2000	0	0	544455.0040	7046320.00194		18.2	77.9	14	4.1	1
ST20	76755	SOIL	25/07/2000	0	0	544439.9966	7046420.00159	MUCKY	11.4	41.8	82	1.8	1
ST20	76756	SOIL	25/07/2000	0	0	544504.9986	7046491.99694	VERY PEBBLY	18.3	135.7	25	5.6	0
ST20	76757	SOIL	25/07/2000	0	0	544569.0028	7046545.99594		20.6	96.1	33	7.2	2
ST20	76758	SOIL	25/07/2000	0	0	544649.004	7046543.99635		12	66.8	30	5.3	1
ST20	76759	SOIL	25/07/2000	0	0	544732.9962	7046514.00246		15.9	45.5	48	2.8	2
ST20	76760	SOIL	25/07/2000	0	0	544789.9997	7046439.99752	MUD AND ORGANICS, SAMPLE FROM MUD/SILT	8.2	64.6	68	5	5
ST20	76761	SOIL	25/07/2000	0	0	544880.0031	7046400.00566	ORGANIC RICH LAYER	7.9	58.6	68	4.9	3
ST20	76762	SOIL	25/07/2000	0	0	544973.9975	7046379.99973	GREY CLAY, ORGANICS, PERMAFROST	7.8	66.3	64	5.8	4
ST20	76763	SOIL	25/07/2000	0	0	545042.9987	7046334.99889		8.6	54.5	56	4.9	2
ST20	76764	SOIL	25/07/2000	0	0	545086.0008	7046263.00355		11	57.1	55	4.8	1
ST20	76765	SOIL	25/07/2000	0	0	545119.9984	7046189.99841	CLAYISH, ROOTS	7.2	55.1	48	6.1	2
ST21	76993	SOIL	03/08/2000	0	0	549785.0023	7045407.99758	0m, CONTOUR SOIL SAMPLES ON CAMP ROAD MARBLE AND L	11.7	41.6	179	4.4	2
ST21	76994	SOIL	03/08/2000	0	0	549834.9969	7045319.00569	100m, CONTOUR SOIL SAMPLES ON CAMP ROAD, FEW QUART	105.6	133.9	179	30.2	1
ST21	76995	SOIL	03/08/2000	0	0	549884.9997	7045230.00381	200m, CONTOUR SOIL SAMPLING ON CAMP ROAD MICACEOUS	12.4	83.2	72	13.5	3
ST21	76996	SOIL	03/08/2000	0	0	549954.9987	7045156.99867	300m, CONTOUR SOIL SAMPLING ON CAMP ROAD	11.2	35.1	74	5.5	2
ST21	76997	SOIL	03/08/2000	0	0	550024.9976	7045092.0019	400m, CONTOUR SOIL SAMPLING ON CAMP ROAD SOME QUAR	14.5	49.8	90	8.1	3
ST21	76998	SOIL	03/08/2000	0	0	550108.9980	7045069.99638	500m, CONTOUR SOIL SAMPLING ON CAMP ROAD AT 493 M	28.6	68.3	210	71.9	1
ST21	76999	SOIL	03/08/2000	0	0	550195.0022	7045054.99943	600m, CONTOUR SOIL SAMPLING ON CAMP ROAD	9.6	43.1	84	16.2	1
ST21	77200	SOIL	03/08/2000	0	0	550253.0035	7044985.00368	700m, CONTOUR SOIL SAMPLING ON CAMP ROAD MICACEOUS	8.7	40.7	52	15.6	1
ST21	77201	SOIL	03/08/2000	0	0	550276.0011	7044899.00119	800m, CONTOUR SOIL SAMPLING ON CAMP ROAD MICACEOUS	9.3	45.5	55	10.6	2
ST21	77202	SOIL	03/08/2000	0	0	550309.9987	7044824.99625	900m, CONTOUR SOIL SAMPLING ON CAMP ROAD QUARTZ MI	10.8	48.1	44	11.9	1
ST21	77203	SOIL	03/08/2000	0	0	550404.0014	7044817.99767	1000m, CONTOUR SOIL SAMPLING ON CAMP ROAD MICACEOU	34.2	58.8	36	59	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST21	77204	SOIL	03/08/2000	0	0	550492.0010	7044819.99727	1100m, CONTOUR SOIL SAMPLING ON CAMP ROAD MICACEOU	10	50.6	71	11.2	3
ST21	77205	SOIL	03/08/2000	0	0	550579.0029	7044806.99991	1200m, CONTOUR SOIL SAMPLING ON CAMP ROAD	8.9	48.4	73	64.6	3
ST21	77206	SOIL	03/08/2000	0	0	550668.0003	7044774.99643	1300m, CONTOUR SOIL SAMPLING ON CAMP ROAD SOME QUA	12	45.1	24	10.6	1
ST21	77207	SOIL	03/08/2000	0	0	550748.9992	7044744.00273	1400m, CONTOUR SOIL SAMPLING ON CAMP ROAD	10.8	43.7	49	9.1	5
ST21	77208	SOIL	03/08/2000	0	0	550833.9974	7044719.99762	1500m, CONTOUR SOIL SAMPLING ON CAMP ROAD MICACEOU	9.3	53.4	54	26.4	5
ST21	77209	SOIL	03/08/2000	0	0	550865.9995	7044659.99983	1600m, CONTOUR SOIL SAMPLING ON CAMP ROAD	9.5	70.6	66	9.9	10
ST21	77210	SOIL	03/08/2000	0	0	550813.0035	7044601.00184	1700m, CONTOUR SOIL SAMPLING ON CAMP ROAD AFTER TH	9.2	72.4	85	12.7	4
ST22	79190	SOIL	21/09/2000	0	0	551539.9984	7033561.9988	VERY ROCKY, DACITE DYKE(?)	36.39	82.1	138	3.4	4
ST22	79191	SOIL	21/09/2000	0	0	551601.9989	7033633.00435	ROCKY	44.04	73.4	54	10.1	3.7
ST22	79192	SOIL	21/09/2000	0	0	551660.9979	7033708.99888		25.2	66.9	65	8.9	3.5
ST22	79193	SOIL	21/09/2000	0	0	551750.0035	7033775.00544		13.84	57.4	39	12.7	1.4
ST22	79194	SOIL	21/09/2000	0	0	551799.9981	7033875.00509		12.79	51	66	16	0.9
ST22	79195	SOIL	21/09/2000	0	0	551850.0009	7033949.99982		18.64	64.2	301	24.1	16.7
ST22	79196	SOIL	21/09/2000	0	0	551924.9968	7033999.99965		11.67	38.6	58	10.1	3.9
ST22	79197	SOIL	21/09/2000	0	0	551974.9996	7034049.99947		11.22	51.3	32	10.1	1.3
ST22	79198	SOIL	21/09/2000	0	0	552000.0010	7034099.99929		26.75	124.2	34	17.6	3.8
ST22	79199	SOIL	21/09/2000	0	0	552040.0016	7034199.99894		14.53	44.7	34	31.7	3.4
ST22	79225	SOIL	21/09/2000	0	0	553222.0022	7036586.00327	SPLIT FROM MAINLINE AT RIDGETOP, 1+05 NE	12.16	48.9	53	13.5	2.3
ST22	79226	SOIL	21/09/2000	0	0	553298.0041	7036649.00045	2+00NE, STILL ON NE RIDGE	15.57	71.1	72	30.2	2.3
ST22	79227	SOIL	21/09/2000	0	0	553377.9970	7036713.99722	3+00NE	13.86	63.7	82	10.6	9.5
ST22	79228	SOIL	21/09/2000	0	0	553457.0005	7036771.00562	4+05NE, SCHIST IN HOLE	15.72	68.2	102	25.3	2.2
ST22	79229	SOIL	21/09/2000	0	0	553537.9994	7036836.00239	5-05NE	12.7	54	50	12.5	2.3
ST22	79230	SOIL	21/09/2000	0	0	553596.0007	7036882.00302	6+00NE, HELIPAD AT 5+75NE	13.8	43	63	10.5	1.1
ST22	79231	SOIL	21/09/2000	0	0	553676.9996	7036947.99959	7+00NE, QUARTZITE O/C AND SUB O/C	13.37	43.1	57	10.3	1.6
ST22	79232	SOIL	21/09/2000	0	0	553747.9963	7037005.99778	8+05NE	23.11	80.3	241	9.3	1.5
ST22	79233	SOIL	21/09/2000	0	0	553822.0028	7037057.9972	9+00NE	11.03	53.6	21	12	2
ST22	79234	SOIL	21/09/2000	0	0	553878.9981	7037143.99969	10+00NE, AT TOP OF HILL	12.47	54.3	124	10	1.2
ST22	79235	SOIL	21/09/2000	0	0	553878.0003	7037215.00524	11+00NE	28.34	85.1	105	87.4	1.7
ST22	79236	SOIL	21/09/2000	0	0	553884.0033	7037311.0057	12+05NE, QUARTZITE FRAGMENTS	26.69	66.3	94	21.3	2.1
ST22	79240	SOIL	21/09/2000	0	0	553874.9988	7037411.00535	13+05NE	20.19	70.8	76	21.1	2.3
ST22	79241	SOIL	21/09/2000	0	0	553874.9988	7037501.99682	14+10NE, SLIGHTLY FROZEN (PERMAFROST)	17.34	77.7	112	15.2	1.8
ST22	79242	SOIL	21/09/2000	0	0	553867.0004	7037611.00464	15+02NE, ROCKY	11.28	27.7	33	5.5	1.4
ST22	79243	SOIL	21/09/2000	0	0	553878.9981	7037707.0051	16+10NE, ROCKY WITH LOTS OF ORGANICS	32.87	73.1	335	25.3	6.7
ST22	79244	SOIL	21/09/2000	0	0	553874.0011	7037837.99843	17+50N, ROCKY WITH SOME ORGANICS	20.02	68.1	126	10.6	3.1
ST22	79500	SOIL	21/09/2000	0	0	552136.9975	7034316.00532		24.7	50.9	59	58.6	7.1
ST22	79501	SOIL	21/09/2000	0	0	552249.9985	7034408.9964	CLAYISH	62.6	58.4	176	10.9	6.9
ST22	79502	SOIL	21/09/2000	0	0	552322.999	7034494.99889		15	59.3	107	11.3	8.7
ST22	79503	SOIL	21/09/2000	0	0	552373.0018	7034564.00484		20.61	64.7	129	9	6.7
ST22	79504	SOIL	21/09/2000	0	0	552460.0037	7034651.99693		15.3	62.6	68	11.4	1.4
ST22	79505	SOIL	21/09/2000	0	0	552510.996	7034719.00329		12.22	36.6	139	5.3	1.4
ST22	79506	SOIL	21/09/2000	0	0	552590.9972	7034789.99884	LIMONITIC INTRUSIVE IN HOLE	14.12	46.7	136	7.1	3.6
ST22	79507	SOIL	21/09/2000	0	0	552654.0037	7034875.00154		18.25	48.5	170	10.5	1.9
ST22	79508	SOIL	21/09/2000	0	0	552717.9997	7034961.00404	ROCKY, INTRUSIVE(?)	11.95	42.9	28	6.4	3.5
ST22	79509	SOIL	21/09/2000	0	0	552776.0009	7035027.0006		9.78	42.6	31	9.9	1.2
ST22	79510	SOIL	21/09/2000	0	0	552842.0007	7035108.00411		10.69	56.7	27	15	3.9
ST22	79511	SOIL	21/09/2000	0	0	552889.9997	7035172.00109	SCHISTOSE ROCK IN HOLE	13.09	51.2	32	24.6	2.6
ST22	79512	SOIL	21/09/2000	0	0	552948.9988	7035246.99582		10.76	56.4	52	33.1	2.4
ST22	79513	SOIL	21/09/2000	0	0	553037.9962	7035346.00567		11.94	55.9	33	22.2	2.4
ST22	79514	SOIL	21/09/2000	0	0	553097.0034	7035475.99921		9.78	52.6	31	13.2	1.7
ST22	79515	SOIL	21/09/2000	0	0	553097.0034	7035578.99825		11.88	28.3	28	10.3	2
ST22	79516	SOIL	21/09/2000	0	0	553109.0011	7035684.99667		12.13	75.8	56	26.4	0.2
ST22	79517	SOIL	21/09/2000	0	0	553106.9974	7035772.99876		11.36	52.2	27	17.2	2.4

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST22	79518	SOIL	21/09/2000	0	0	553119.0033	7035866.99962		13.31	63.4	27	18.5	4.6
ST22	79519	SOIL	21/09/2000	0	0	553124.9981	7035961.00049	SCHISTOSE ROCK FRAGMENTS	13.33	68.8	36	123.9	3.4
ST22	79520	SOIL	21/09/2000	0	0	553113.0004	7036060.00034		15.98	57.7	46	97.1	5
ST22	79521	SOIL	21/09/2000	0	0	553128.9973	7036151.00182	SCHISTS AND QUARTZ	17.38	54.1	46	43.8	8.9
ST22	79522	SOIL	21/09/2000	0	0	553132.9965	7036239.0039		16.2	72.4	62	62.8	5.9
ST22	79523	SOIL	21/09/2000	0	0	553131.0010	7036323.9966		11.28	65.6	23	30.9	3.8
ST22	79524	SOIL	21/09/2000	0	0	553128.9973	7036423.99625		15.39	77	35	17.9	1.3
ST22	79525	SOIL	21/09/2000	0	0	553145.0025	7036522.9961	QUARTZITE O/C	13.62	53.9	289	227.8	1.5
ST22	79526	SOIL	21/09/2000	0	0	553086.0035	7036615.99717		14.79	53.3	39	20.1	3
ST22	79527	SOIL	21/09/2000	0	0	553014.9985	7036716.99661		12.62	58.3	26	44.1	5.2
ST22	79528	SOIL	21/09/2000	0	0	552976.0039	7036813.99686	ROCKY - SCHIST, QUARTZITE, AUGEN GNEISS	13.49	46.1	77	12.5	2.1
ST22	79529	SOIL	21/09/2000	0	0	552922.9996	7036900.99916	TALUS - MICACEOUS QUARTZITE	30.45	64.6	25	28.8	0.9
ST22	79530	SOIL	21/09/2000	0	0	552867.9998	7037011.99656	VERY ROCKY - GREY QUARTZITES	17	58.6	38	27.7	0.8
ST22	79531	SOIL	21/09/2000	0	0	552820.0008	7037119.00478		31.3	86.9	60	28.4	2.1
ST22	79532	SOIL	21/09/2000	0	0	552750.0018	7037222.00382	VERY ROCKY - MICACEOUS QUARTZITE/AUGEN GNEISS	33.3	74.4	95	16	1.2
ST22	79533	SOIL	21/09/2000	0	0	552680.0028	7037341.99939	ROCKY - MICACEOUS QUARTZITE, GNEISS, AND QUARTZ	39.82	55.4	271	7.4	0
ST22	79534	SOIL	21/09/2000	0	0	552616.9963	7037414.00473	ROCKY - MICACEOUS QUARTZITE	19.69	72.8	39	18.9	0.7
ST22	79535	SOIL	21/09/2000	0	0	552563.0025	7037492.99866		20.93	69.4	222	12.7	4.8
ST22	79536	SOIL	21/09/2000	0	0	552508.0028	7037560.00502	ROCKY - QTZ RICH INTRUSIVE	20.14	73.6	98	19	2.6
ST22	79537	SOIL	21/09/2000	0	0	552458	7037650.9965	ROCKYS (INTRUSIVE) AND ROOTS	15.38	65.3	85	22.6	2.4
ST22	79538	SOIL	21/09/2000	0	0	552409.0031	7037727.00103	FROZEN, MAINLY MOSS, PERMAFROST AND INTRUSIVE TALU	8.16	43.9	66	11.9	0
ST23	76992	SOIL	01/08/2000	0	0	547347.0030	7036908.99753	375m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	11.1	59.6	35	6.8	0
ST23	77035	SOIL	01/08/2000	0	0	547604.0013	7037183.00175	0m STATION CONTOUR SOIL LINE ON E SIDE OF LIMESTON	15.1	52.5	104	24.5	5
ST23	77036	SOIL	01/08/2000	0	0	547586.9983	7037165.00542	25m, SOME MARBLE WITH RUSTY SURFACES CONTOUR ALNG	11.4	53	239	90	8
ST23	77037	SOIL	01/08/2000	0	0	547570.0036	7037146.99908	50m, CONTOUR SOIL LINE ALONG LST RIDGE ON E SIDE	107.3	186.8	934	10	2
ST23	77038	SOIL	01/08/2000	0	0	547553.0007	7037128.00295	75m, CONTOUR SOIL LINE ALONG LST RIDGE ON E SIDE	22.5	67	69	11.7	2
ST23	77039	SOIL	01/08/2000	0	0	547535.9978	7037109.99661	100m, CONTOUR SOIL LINE ON E SIDE SOME LST AND MAR	15.4	72.6	177	7.8	242
ST23	77040	SOIL	01/08/2000	0	0	547519.0031	7037092.00028	125m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	15.4	78.4	112	6.5	2
ST23	77041	SOIL	01/08/2000	0	0	547501.0024	7037073.00414	150m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	11.3	69.5	138	7.6	2
ST23	77042	SOIL	01/08/2000	0	0	547483.9995	7037054.99781	175m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	11.3	67	100	6	1
ST23	77043	SOIL	01/08/2000	0	0	547466.9965	7037037.00147	200m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	13	63.1	61	6.3	1
ST23	77044	SOIL	01/08/2000	0	0	547450.0019	7037019.00514	225m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	9.4	43.2	172	5.9	1
ST23	77045	SOIL	01/08/2000	0	0	547432.9989	7036999.999	250m, CONTOUR SOIL LINE E ALONG LST RIDGE ON E SID	12.9	64.3	113	6.2	1
ST23	77046	SOIL	01/08/2000	0	0	547415.996	7036982.00267	275m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	10.8	61.5	116	6	1
ST23	77047	SOIL	01/08/2000	0	0	547398.0036	7036963.99633	300m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	7	31.3	211	9.6	3
ST23	77048	SOIL	01/08/2000	0	0	547381.0006	7036945.0002	325m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	28.1	49.4	131	6.3	2
ST23	77049	SOIL	01/08/2000	0	0	547363.9977	7036927.00386	350m, CONTOUR SOIL LINE ALONG E LST RIDGE ON E SID	19	64.9	153	8.4	3
ST24	70695	SOIL	25/07/2000	0	0	545435	7043573	RIDGE TRAVERSE, 0M	60.2	165.4	1406	11.6	18
ST24	70696	SOIL	25/07/2000	0	0	545483	7043648	RIDGE TRAVERSE, 100M	23	73.9	355	9.7	10
ST24	70697	SOIL	25/07/2000	0	0	545551	7043716	RIDGE TRAVERSE, 200M	31.6	74	315	10.4	8
ST24	70698	SOIL	25/07/2000	0	0	545630	7043778	RIDGE TRAVERSE, 300M	19.3	87.1	246	5.8	6
ST24	70699	SOIL	25/07/2000	0	0	545678	7043805	RIDGE TRAVERSE, 360M AT TRENCH (FLAT QTZ)	161	79.7	447	12.3	33
ST24	75950	SOIL	25/07/2000	0	0	545918	7044491	RIDGE TRAVERSE, 1300M	17.9	28.3	29	1.2	70
ST24	75989	SOIL	25/07/2000	0	0	545708	7043829	RIDGE TRAVERSE, 400M	18.1	44	176	7.2	6
ST24	75990	SOIL	25/07/2000	0	0	545790	7043884	RIDGE TRAVERSE, 500M	49.2	95.8	50	5	10
ST24	75991	SOIL	25/07/2000	0	0	545864	7043934	RIDGE TRAVERSE, 600M	31.5	77.7	184	9.8	7
ST24	75992	SOIL	25/07/2000	0	0	545907	7043960	RIDGE TRAVERSE, 650M, TRENCH WITH QTZ FLOAT	99.7	162.3	129	8.9	23
ST24	75993	SOIL	25/07/2000	0	0	545943	7043984	RIDGE TRAVERSE, 700M	18	61.3	73	8.8	6
ST24	75994	SOIL	25/07/2000	0	0	546013	7044029	RIDGE TRAVERSE, 800M, TOP OF ROAD TRENCH	52.3	109	34	8.5	18
ST24	75995	SOIL	25/07/2000	0	0	546020	7044075	RIDGE TRAVERSE, 850M, MID ROAD TRENCH	51.6	89.3	50	8.6	7
ST24	75996	SOIL	25/07/2000	0	0	546016	7044119	RIDGE TRAVERSE, 900M, BELOW SMALL CROSS TRENCH	139.7	89.2	76	6.6	12
ST24	75997	SOIL	25/07/2000	0	0	545986	7044219	RIDGE TRAVERSE, 1000M	29.1	71.5	121	5.1	6

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST24	75998	SOIL	25/07/2000	0	0	545966	7044315	RIDGE TRAVERSE, 1100M	22.9	58.3	49	5.1	35
ST24	75999	SOIL	25/07/2000	0	0	545938	7044396	RIDGE TRAVERSE, 1200M	27	49.8	50	7.1	19
ST24	77000	SOIL	25/07/2000	0	0	545891	7044587	RIDGE TRAVERSE, 1400M	10.7	32.4	26	8.8	4
ST24	77001	SOIL	25/07/2000	0	0	545857	7044675	RIDGE TRAVERSE, 1500M	12	22.7	13	5.3	14
ST24	77002	SOIL	25/07/2000	0	0	545816	7044770	RIDGE TRAVERSE, 1600M	11	70.5	31	0	1
ST3	73200	SOIL	20/08/1998	7037000	546775	546645.9991	7037170.0044	START CONTOUR SOIL LINE-HELI-PAD	18.5	71	42	12	2
ST3	73201	SOIL	20/08/1998	7037050	546770	546641.0021	7037220.00422	CONTOUR SOIL LINE-50 METRES: REDDISH	22.7	72.4	81	13.3	1
ST3	73202	SOIL	20/08/1998	7037100	546760	546630.9999	7037270.00405	CONTOUR SOIL LINE-100 METRES	17.6	77.6	120	5.5	2
ST3	73203	SOIL	20/08/1998	7037150	546750	546620.9977	7037320.00387	CONTOUR SOIL LINE-150 METRES	12.4	82.4	76	5.1	3
ST3	73204	SOIL	20/08/1998	7037200	546740	546611.0037	7037370.00369	CONTOUR SOIL LINE-200 METRES	11.3	72.5	160	8.8	1
ST3	73205	SOIL	20/08/1998	7037250	546730	546601.0015	7037420.00351	CONTOUR SOIL LINE-250 METRES	12.4	65.2	112	7.6	2
ST3	73206	SOIL	20/08/1998	7037300	546730	546601.0015	7037470.00334	CONTOUR SOIL LINE-300 METRES	16.6	63	63	10.4	3
ST3	73207	SOIL	20/08/1998	7037350	546725	546595.9963	7037520.00316	CONTOUR SOIL LINE-350 METRES	12.9	62.3	0	8	1
ST3	73208	SOIL	20/08/1998	7037400	546720	546590.9993	7037570.00298	CONTOUR SOIL LINE-400 METRES: ROCKY	9.7	29.6	0	3.9	1
ST3	73209	SOIL	20/08/1998	7037450	546710	546580.9971	7037620.0028	CONTOUR SOIL LINE-450 METRES	9.5	40.1	86	6.5	1
ST3	73210	SOIL	20/08/1998	7037500	546700	546571.0031	7037670.00263	CONTOUR SOIL LINE-500 METRES: REDDISH	12.2	37	72	8.1	2
ST3	73211	SOIL	20/08/1998	7037550	546695	546565.9979	7037720.00245	CONTOUR SOIL LINE-550 METRES	11.4	44.3	90	4.9	0
ST3	73212	SOIL	20/08/1998	7037600	546690	546561.0009	7037770.00227	CONTOUR SOIL LINE-600 METRES	11.4	52.2	0	7.2	0
ST3	73213	SOIL	20/08/1998	7037650	546685	546556.0039	7037820.0021	CONTOUR SOIL LINE-650 METRES	10.7	28.8	97	6.4	2
ST3	73214	SOIL	20/08/1998	7037700	546680	546550.9987	7037870.00192	CONTOUR SOIL LINE-700 METRES	13.1	55.5	0	8.5	5
ST3	73215	SOIL	20/08/1998	7037750	546675	546546.0017	7037920.00174	CONTOUR SOIL LINE-750 METRES	12.5	46.9	62	6.8	1
ST3	73216	SOIL	20/08/1998	7037800	546670	546540.9965	7037970.00156	CONTOUR SOIL LINE-800 METRES	9.5	43.3	59	5.6	1
ST3	73217	SOIL	20/08/1998	7037850	546665	546535.9995	7038020.00139	CONTOUR SOIL LINE-850 METRES	12.2	51.4	192	8	3
ST3	73218	SOIL	20/08/1998	7037900	546660	546531.0025	7038070.00121	CONTOUR SOIL LINE-900 METRES	9.4	45.3	70	5.8	2
ST3	73219	SOIL	20/08/1998	7037950	646655	546525.9973	7038120.00103	CONTOUR SOIL LINE-950 METRES	12.7	37.1	62	7.5	1
ST3	73220	SOIL	20/08/1998	7038000	546650	546521.0003	7038170.00085	CONTOUR SOIL LINE-1000 METRES	12.4	43	33	5.6	0
ST3	73221	SOIL	20/08/1998	7038050	546645	546516.0033	7038220.00068	CONTOUR SOIL LINE-1050 METRES	12.8	52.5	39	6.1	1
ST3	73222	SOIL	20/08/1998	7038100	546640	546510.9981	7038270.0005	CONTOUR SOIL LINE-1100 METRES	10.4	44.7	47	3.4	1
ST3	73223	SOIL	20/08/1998	7038150	546635	546506.0011	7038320.00032	CONTOUR SOIL LINE-1150 METRES	10.2	46.8	39	5.7	0
ST3	73224	SOIL	20/08/1998	7038200	546630	546500.9959	7038370.00014	CONTOUR SOIL LINE-1200 METRES	8.7	37.3	62	4.1	0
ST3	73225	SOIL	20/08/1998	7038250	546630	546500.9959	7038419.99997	CONTOUR SOIL LINE-1250 METRES	9.7	37.7	38	3.2	0
ST3	73226	SOIL	20/08/1998	7038300	546630	546500.9959	7038469.99979	CONTOUR SOIL LINE-1300 METRES	10.7	39.2	49	3.4	1
ST3	73227	SOIL	20/08/1998	7038350	546625	546495.9989	7038519.99961	CONTOUR SOIL LINE-1350 METRES	10.7	43.4	0	6.4	0
ST3	73228	SOIL	20/08/1998	7038400	546625	546495.9989	7038569.99944	CONTOUR SOIL LINE-1400 METRES	7.9	37.1	30	2.6	1
ST3	73229	SOIL	20/08/1998	7038450	546625	546495.9989	7038619.99926	CONTOUR SOIL LINE-1450 METRES	13.4	66.3	0	10.5	1
ST3	73230	SOIL	20/08/1998	7038500	546625	546495.9989	7038669.99908	CONTOUR SOIL LINE-1500 METRES:REDDISH	16.2	71.7	37	9	2
ST4	73300	SOIL	20/08/1998	7038850	547225	547095.9995	7037120.00458	START SOIL LINE-EAST SIDE OF RIDGE	10.7	60.9	43	5.8	0
ST4	73301	SOIL	20/08/1998	7036900	547220	547091.0025	7037070.00475	SOIL LINE-50 METRES	10	82.3	63	4.1	0
ST4	73302	SOIL	20/08/1998	7036950	547215	547085.9973	7037120.00458	SOIL LINE-100 METRES	10.2	72.9	92	5.9	1
ST4	73303	SOIL	20/08/1998	7037000	547210	547081.0003	7037170.0044	SOIL LINE-150 METRES	10.5	76.2	203	5.5	1
ST4	73304	SOIL	20/08/1998	7037050	547205	547076.0034	7037220.00422	SOIL LINE-200 METRES	12.1	73.6	123	6.9	2
ST4	73305	SOIL	20/08/1998	7037100	547200	547070.9981	7037270.00405	SOIL LINE-250 METRES	7.4	56.7	35	5.1	0
ST4	73306	SOIL	20/08/1998	7037150	547195	547066.0011	7037320.00387	SOIL LINE-300 METRES	9.8	64.4	120	7.3	0
ST4	73307	SOIL	20/08/1998	7037200	547190	547060.9959	7037370.00369	SOIL LINE-350 METRES	7.6	50.8	66	5.7	2
ST4	73308	SOIL	20/08/1998	7037250	547185	547055.9989	7037420.00351	SOIL LINE-400 METRES	9.5	45	96	6.5	0
ST4	73309	SOIL	20/08/1998	7037300	547180	547051.002	7037470.00334	SOIL LINE-450 METRES	12.8	65.5	125	8.8	2
ST4	73310	SOIL	20/08/1998	7037350	547175	547045.9967	7037520.00316	SOIL LINE-500 METRES	10	52.4	0	4.5	1
ST4	73311	SOIL	20/08/1998	7037400	547175	547045.9967	7037570.00298	SOIL LINE-550 METRES	8.3	54.7	37	5.1	0
ST4	73312	SOIL	20/08/1998	7037450	547170	547040.9997	7037620.0028	SOIL LINE-600 METRES	9.5	58.2	56	6.5	1
ST4	73313	SOIL	20/08/1998	7037500	547160	547030.9975	7037670.00263	SOIL LINE-650 METRES	8.3	52.3	38	4.8	0
ST4	73314	SOIL	20/08/1998	7037550	547160	547030.9975	7037720.00245	SOIL LINE-700 METRES	7.6	40.8	0	4.1	0
ST4	73315	SOIL	20/08/1998	7037600	547150	547021.0036	7037770.00227	SOIL LINE-750 METRES: SILTY	10.4	62.9	0	11	0

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST4	73316	SOIL	20/08/1998	7037650	547140	547011.0014	7037820.0021	SOIL LINE-800 METRES	9.9	44.1	50	10.1	2
ST4	73317	SOIL	20/08/1998	7037700	547145	547015.9983	7037870.00192	SOIL LINE-850 METRES	8.1	53.2	0	5.6	0
ST4	73318	SOIL	20/08/1998	7037750	547130	547000.9992	7037920.00174	SOIL LINE-900 METRES	9.1	51.5	43	6.5	5
ST4	73319	SOIL	20/08/1998	7037800	547110	546981.003	7037970.00156	SOIL LINE-950 METRES	9	45.3	46	5.9	1
ST4	73320	SOIL	20/08/1998	7037850	547100	546971.0008	7038020.00139	SOIL LINE-1000 METRES	9.8	43.3	45	6.4	2
ST4	73321	SOIL	20/08/1998	7037900	547090	546960.9986	7038070.00121	SOIL LINE-1050 METRES: SANDY SOIL	8.6	47.7	0	6.8	8
ST4	73322	SOIL	20/08/1998	7037950	547090	546960.9986	7038120.00103	SOIL LINE-1100 METRES	9.8	48.2	56	5.9	1
ST4	73323	SOIL	20/08/1998	7038000	547090	546960.9986	7038170.00085	SOIL LINE-1150 METRES	8.8	45.2	0	8.5	2
ST4	73324	SOIL	20/08/1998	7038050	547090	546960.9986	7038220.00068	SOIL LINE-1200 METRES	9.1	45.2	31	5.8	1
ST4	73325	SOIL	20/08/1998	7038100	547090	546960.9986	7038270.0005	SOIL LINE-1250 METRES	9.9	44.3	51	5.1	4
ST4	73326	SOIL	20/08/1998	7038150	547080	546950.9964	7038320.00032	SOIL LINE-1300 METRES	9.9	43.7	31	6	5
ST4	73327	SOIL	20/08/1998	7038200	547075	546945.9994	7038370.00014	SOIL LINE-1350 METRES	8.9	40.3	0	5	2
ST4	73328	SOIL	20/08/1998	7038250	547060	546931.0002	7038419.99997	SOIL LINE-1400 METRES	17.6	60.6	100	6.1	2
ST4	73329	SOIL	20/08/1998	7038300	547050	546920.998	7038469.99979	SOIL LINE-1450 METRES	10.4	45.1	0	5.7	1
ST4	73330	SOIL	20/08/1998	7038350	547040	546911.004	7038519.99961	END SOIL LINE-1500 METRES: SILTY SAND	11	49.6	54	8.7	1
ST5	73732	SOIL	17/09/1998	7036451	547436	547307.0024	7036620.99615	START OF CONTOUR SOIL LINE	11.1	54.6	187	7.6	5
ST5	73733	SOIL	17/09/1998	7036480	547440	547311.0017	7036650.00025	CONTOUR SOIL LINE-50 METRES	31.6	57.3	214	5.7	0
ST5	73734	SOIL	17/09/1998	7036540	547440	547311.0017	7036709.99803	CONTOUR SOIL LINE-100 METRES	23.7	58	347	14.2	6
ST5	73735	SOIL	17/09/1998	7036590	547460	547330.9978	7036759.99786	CONTOUR SOIL LINE-150 METRES	40.8	52.9	324	8.3	11
ST5	73736	SOIL	17/09/1998	7036625	547500	547370.9984	7036795.00073	CONTOUR SOIL LINE-200 METRES	69.8	107.9	281	16.7	5
ST5	73737	SOIL	17/09/1998	7036660	547550	547421.0012	7036830.00361	CONTOUR SOIL LINE-250 METRES	12.7	59.7	92	14.9	2
ST5	73738	SOIL	17/09/1998	7036700	547600	547471.0040	7036870.00546	CONTOUR SOIL LINE-300 METRES	10.2	50.8	191	19.3	4
ST5	73739	SOIL	17/09/1998	7036720	547640	547510.9964	7036890.00139	CONTOUR SOIL LINE-350 METRES	8.2	59.5	149	20.9	4
ST5	73740	SOIL	17/09/1998	7036740	547700	547571.0014	7036909.99732	CONTOUR SOIL LINE-400 METRES	7.5	45.6	149	16.4	6
ST5	73741	SOIL	17/09/1998	7036760	547740	547611.002	7036930.00325	CONTOUR SOIL LINE-450 METRES	17.2	68	306	64	5
ST5	73742	SOIL	17/09/1998	7036800	547760	547630.9981	7036970.00511	CONTOUR SOIL LINE-500 METRES	19.1	58.7	162	26.3	20
ST5	73743	SOIL	17/09/1998	7036850	547790	547660.9965	7037020.00493	CONTOUR SOIL LINE-550 METRES	10.7	43.7	501	27.1	2
ST5	73744	SOIL	17/09/1998	7036890	547815	547685.9979	7037059.99679	CONTOUR SOIL LINE-600 METRES: MICA	17.5	69.6	206	63.6	17
ST5	73745	SOIL	17/09/1998	7036930	547850	547721.0015	7037099.99865	CONTOUR SOIL LINE-650 METRES	70.5	123.5	342	118.7	55
ST5	73746	SOIL	17/09/1998	7036960	547880	547750.9999	7037130.00254	CONTOUR SOIL LINE-700 METRES	12.4	54.2	265	47.9	3
ST5	73747	SOIL	17/09/1998	7037000	547925	547795.9975	7037170.0044	CONTOUR SOIL LINE-750 METRES	16	75.3	66	165.7	19
ST5	73748	SOIL	17/09/1998	7037040	547960	547831.0011	7037209.99626	CONTOUR SOIL LINE-800 METRES	12.5	62	380	57.1	19
ST5	73749	SOIL	17/09/1998	7037000	548050	547920.9962	7037170.0044	CONTOUR SOIL LINE-850 M: FINE SAND	13.4	54.8	479	20.3	5
ST5	73750	SOIL	17/09/1998	7037070	548100	547970.9990	7037240.00015	CONTOUR SOIL LINE-900 METRES	10.1	51.2	324	22.1	4
ST5	73751	SOIL	17/09/1998	7037070	548150	548021.0018	7037240.00015	CONTOUR SOIL LINE-950 METRES	6.9	54.7	55	12	7
ST5	73752	SOIL	17/09/1998	7037070	548200	548070.9964	7037240.00015	CONTOUR SOIL LINE-1000 METRES	7.6	55.8	69	6.7	2
ST5	73753	SOIL	17/09/1998	7037060	548250	548120.9992	7037230.00219	CONTOUR SOIL LINE-1050 METRES	7.1	54.8	121	9.1	2
ST5	73754	SOIL	17/09/1998	7037060	548300	548171.002	7037230.00219	CONTOUR SOIL LINE-1100 METRES	4.1	27.1	107	5.3	1
ST5	73755	SOIL	17/09/1998	7037050	548350	548220.9966	7037220.00422	CONTOUR SOIL LINE-1150 METRES	13.1	56.4	46	4.8	4
ST5	73756	SOIL	17/09/1998	7037050	548400	548270.9994	7037220.00422	CONTOUR SOIL LINE-1200 METRES	9.7	54.4	221	6.9	3
ST5	73757	SOIL	17/09/1998	7037025	548450	548321.0022	7037194.99931	CONTOUR SOIL LINE-1250 METRES	10.4	56.6	149	9.9	2
ST6	73840	SOIL	17/09/1998	7036390	547400	547271.0011	7036559.99857	CONTOUR SOIL LINE-50 METRES: SILTY	6.3	57.5	106	4.7	3
ST6	73841	SOIL	17/09/1998	7036330	547410	547281.0033	7036500.00078	CONTOUR SOIL LINE-100 METRES	24.2	75.2	299	7.7	3
ST6	73842	SOIL	17/09/1998	7036270	547425	547296.0025	7036440.00299	CONTOUR SOIL LINE-150 METRES: SILTY	18.6	55.6	90	14.9	2
ST6	73843	SOIL	17/09/1998	7036250	547480	547351.0023	7036419.99706	CONTOUR SOIL LINE-200 METRES: SILTY	19.2	60.9	315	27.9	8
ST6	73844	SOIL	17/09/1998	7036270	547540	547410.9990	7036440.00299	CONTOUR SOIL LINE-250 M: GRAVELLY	7	49.2	150	6.6	2
ST6	73845	SOIL	17/09/1998	7036280	547590	547461.0018	7036450.00095	CONTOUR SOIL LINE-300 M: GRAVELLY	10.5	77.1	344	9.5	5
ST6	73846	SOIL	17/09/1998	7036280	547640	547510.9964	7036450.00095	CONTOUR SOIL LINE-350 M: GRAVELLY	22.4	86.5	313	8.1	5
ST6	73847	SOIL	17/09/1998	7036270	547690	547560.9992	7036440.00299	CONTOUR SOIL LINE-400 METRES	13.5	67.2	85	4.6	2
ST6	73870	SOIL	17/09/1998	7036250	547740	547611.002	7036419.99706	CONTOUR SOIL LINE-450 METRES	18.4	71.4	66	6.5	3
ST6	73871	SOIL	17/09/1998	7036220	547800	547670.9987	7036390.00317	CONTOUR SOIL LINE-500 METRES	14.7	39.5	108	5.7	1
ST6	73872	SOIL	17/09/1998	7036190	547825	547696.0001	7036359.99927	CONTOUR SOIL LINE-550 METRES	11	51.2	68	7.8	0

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST6	73873	SOIL	17/09/1998	7036150	547840	547710.9993	7036319.99742	CONTOUR SOIL LINE-600 M: SANDY SILT	9.9	52.2	65	7.7	2
ST6	73874	SOIL	17/09/1998	7036100	547860	547731.0037	7036269.99759	CONTOUR SOIL LINE-650 M: GRAVELLY	11.1	60	66	8.8	1
ST6	73875	SOIL	17/09/1998	7036050	547875	547746.0029	7036219.99777	CONTOUR SOIL LINE-700 METRES: SILTY	10.5	58.9	161	7.7	5
ST6	73876	SOIL	17/09/1998	7036000	547890	547761.0021	7036169.99795	CONTOUR SOIL LINE-750 M: GRAVELLY	8.3	50.3	42	8.4	0
ST6	73877	SOIL	17/09/1998	7035950	547890	547761.0021	7036119.99813	CONTOUR SOIL LINE-800 M: GRAVELLY	8.6	42.6	145	6	2
ST6	73878	SOIL	17/09/1998	7035910	547920	547791.0005	7036079.99627	CONTOUR SOIL LINE-850 METRES	8.7	43.6	93	8.4	7
ST6	73879	SOIL	17/09/1998	7035890	547960	547831.0011	7036060.00034	CONTOUR SOIL LINE-900M: ORGANIC SILT	11.5	62.8	179	11.1	2
ST6	73880	SOIL	17/09/1998	7035850	548010	547881.0039	7036019.99848	CONTOUR SOIL LINE-950 M: GRAVELLY	14.2	60.2	105	8.4	2
ST6	73881	SOIL	17/09/1998	7035815	548060	547930.9985	7035985.0056	CONTOUR SOIL LINE-1000 METRES: SILTY	8.5	23.6	112	3.2	0
ST6	73882	SOIL	17/09/1998	7035790	548100	547970.9990	7035960.00069	CONTOUR SOIL LINE-1050 M: GRAVELLY	10	48.2	96	6.4	0
ST6	73883	SOIL	17/09/1998	7035750	548120	547991.0035	7035919.99884	CONTOUR SOIL LINE-1100 M: GRAVELLY	14.8	73.3	56	9.3	2
ST6	73884	SOIL	17/09/1998	7035740	548170	548040.9980	7035910.00087	CONTOUR SOIL LINE-1150 METRES: SILTY	8.3	46.7	257	4.1	4
ST6	73885	SOIL	17/09/1998	7035760	548220	548091.0008	7035929.9968	CONTOUR SOIL LINE-1200 METRES: SILTY	9.2	62.9	101	7	0
ST6	73886	SOIL	17/09/1998	7035800	548260	548131.0014	7035969.99866	CONTOUR SOIL LINE-1250 METRES: SILTY	6.8	64.7	276	5.9	1
ST6	73887	SOIL	17/09/1998	7035850	548290	548160.9998	7036019.99848	CONTOUR SOIL LINE-1300 METRES: SILTY	8.7	68.7	261	7	0
ST6	73888	SOIL	17/09/1998	7035900	548310	548180.996	7036069.9983	CONTOUR LINE-1350M: GRAVELLY, SILTY	10	69	213	6.8	1
ST6	73889	SOIL	17/09/1998	7035950	548320	548190.9982	7036119.99813	CONTOUR SOIL LINE-1400 METRES: SILTY	9.9	65.1	206	9.1	1
ST7	71842	SOIL	27/07/1999	0	0	545470.0015	7040270.0034		13.3	64.6	35	16.7	1
ST7	71843	SOIL	27/07/1999	0	0	545485.0007	7040365.00407		6.9	52.6	10	9.2	0
ST7	71844	SOIL	27/07/1999	0	0	545514.9991	7040465.00371		4.4	56.2	53	2.9	2
ST7	71845	SOIL	27/07/1999	0	0	545544.9974	7040555.00539		10.2	42.8	96	6.7	1
ST7	71846	SOIL	27/07/1999	0	0	545569.9988	7040634.99911		9.9	46.7	41	8.3	2
ST7	71847	SOIL	27/07/1999	0	0	545590.0033	7040744.99672		11.3	43.2	73	118.8	1
ST7	71848	SOIL	27/07/1999	0	0	545609.9994	7040839.99738		25.1	42.8	290	36.4	1
ST7	71849	SOIL	27/07/1999	0	0	545630.0038	7040934.99805		42.9	62.7	462	116	3
ST7	71850	SOIL	27/07/1999	0	0	545650.0000	7041029.99871		11.9	46.3	160	82	3
ST7	71851	SOIL	27/07/1999	0	0	545694.9976	7041120.00039	END OF LINE	18.5	60.6	419	34.2	3
ST7	71876	SOIL	27/07/1999	0	0	545470.0015	7040170.00376	RIDGE SOIL LINE	10.6	66	102	13.2	1
ST7	71877	SOIL	27/07/1999	0	0	545464.9963	7040075.0031	COBBLES OF GRANITIC ORTHOGNEISS	19.7	62.1	224	9.7	1
ST7	71878	SOIL	27/07/1999	0	0	545470.0015	7039980.00243		11.4	70	44	14.1	0
ST7	71879	SOIL	27/07/1999	0	0	545470.0015	7039885.00177		10	34.6	118	4.3	2
ST7	73100	SOIL	27/07/1999	0	0	545464.9963	7039770.00518		11	82	52	7.3	1
ST7	73101	SOIL	27/07/1999	0	0	545470.0015	7039680.0035		34.5	56.4	22	7.9	0
ST7	73102	SOIL	27/07/1999	0	0	545470.0015	7039575.00487		7	48.5	11	3.3	1
ST8	74749	SOIL	27/07/1999	0	0	545130.0006	7041139.99632	DARK ORANGE, NO CHIPS OR CLASTS	10	42.6	48	7.5	4
ST8	74750	SOIL	27/07/1999	0	0	545189.9974	7041050.00464	GRANITIC CHIPS	13.1	50.7	92	12	2
ST8	74751	SOIL	27/07/1999	0	0	545250.0024	7040974.9999	GRANITIC CHIPS	20.4	60.3	91	128.1	2
ST8	74752	SOIL	27/07/1999	0	0	545305.0021	7040900.00517	RUSTY QTZ SERICITE SCHIST	12.6	65.5	123	33.9	1
ST8	74753	SOIL	27/07/1999	0	0	545275.0038	7040842.99677	SILT IN POCKET BETWEEN TUFFS OF GRASS	9.5	42.7	104	9.7	2
ST8	74754	SOIL	27/07/1999	0	0	545180.0034	7040820.00145	SILT IN POCKET BETWEEN TUFFS OF GRASS	11.3	88.3	84	6.4	5
ST8	74755	SOIL	27/07/1999	0	0	545075.0008	7040810.00349	ORANGE RUSTY M.G. GRANITIC CLASTS	14.6	82	86	26	2
ST8	74756	SOIL	27/07/1999	0	0	544980.0004	7040800.00552	MUSCOVITE SCHIST AND GRANITIC CLASTS	35.7	124.1	110	26.4	2
ST8	74757	SOIL	27/07/1999	0	0	544874.9979	7040784.99858	GRANITIC CLASTS WITH MINOR PY	12	74.2	144	4.3	2
ST9	75732	SOIL	14/09/1999	100	0	550229.9976	7032710.00222	SESTAK CONTOUR SW	7.7	54.5	38	10	3
ST9	75733	SOIL	14/09/1999	200	0	550138.9964	7032671.00016	SESTAK CONTOUR SW	12.3	40	69	8.4	2
ST9	75734	SOIL	14/09/1999	300	0	550049.0013	7032632.99789	SESTAK CONTOUR SW	9.2	65.8	40	11.9	2
ST9	75735	SOIL	14/09/1999	400	0	549958.0001	7032593.99583	SESTAK CONTOUR SW	8.4	77.3	27	26.4	0
ST9	75736	SOIL	14/09/1999	500	0	549866.999	7032556.00357	SESTAK CONTOUR SW	9.9	62.7	130	10.2	1
ST9	75737	SOIL	14/09/1999	600	0	549775.9979	7032517.00151	SESTAK CONTOUR SW	8.7	65.1	163	11.4	2
ST9	75738	SOIL	14/09/1999	700	0	549686.0027	7032478.99924	SESTAK CONTOUR SW	9.1	52.3	173	10.4	3
ST9	75739	SOIL	14/09/1999	800	0	549595.0016	7032439.99718	SESTAK CONTOUR SW	11.5	50	174	40.8	1
ST9	75740	SOIL	14/09/1999	900	0	549504.0004	7032401.00512	SESTAK CONTOUR SW	12	45	107	10.4	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
ST9	75741	SOIL	14/09/1999	1000	0	549413.9971	7032363.00285	SESTAK CONTOUR SW	11.9	33.5	40	8.8	3
ST9	75742	SOIL	14/09/1999	1100	0	549322.9959	7032324.00079	SESTAK CONTOUR SW	9.4	58.6	23	11.2	1
ST9	75743	SOIL	14/09/1999	1200	0	549232.0030	7032285.99853	SESTAK CONTOUR SW	20.2	60	45	25	1
ST9	75744	SOIL	14/09/1999	1300	0	549141.0019	7032246.99646	SESTAK CONTOUR SW	4.4	38.3	87	5.4	0
ST9	75745	SOIL	14/09/1999	1400	0	549050.9985	7032209.0042	SESTAK CONTOUR SW	9.2	46.3	41	8.5	2
ST9	75746	SOIL	14/09/1999	1500	0	548959.9974	7032170.00214	SESTAK CONTOUR SW	8.9	70.2	81	8.3	2
ST9	75747	SOIL	14/09/1999	1600	0	548906.0036	7032098.99659	SESTAK CONTOUR SW - INTRUSIVE FLOAT	9.4	73.2	102	9.5	1
ST9	75748	SOIL	14/09/1999	1700	0	548852.9993	7032029.00084	SESTAK CONTOUR SW	6.9	199.9	157	4.8	3
ST9	75749	SOIL	14/09/1999	1800	0	548798.9973	7031958.00529	SESTAK CONTOUR SW - 100M OUTCROP LOTS OF QUARTZ	8.6	85.1	280	10.6	0
ST9	75750	SOIL	14/09/1999	1900	0	548746.0012	7031886.99974	SESTAK CONTOUR SW	10	49.3	112	18.2	2
ST9	75751	SOIL	14/09/1999	2000	0	548691.9992	7031816.00419	SESTAK CONTOUR SW	10.6	73.1	62	39.1	1
ST9	75752	SOIL	14/09/1999	2100	0	548639.0031	7031745.99844	SESTAK CONTOUR SW	11	51.3	38	15.4	2
ST9	75753	SOIL	14/09/1999	2200	0	548585.0011	7031675.00289	SESTAK CONTOUR SW - INTRUSIVE FLOAT	13.1	82	42	20.9	8
ST9	75754	SOIL	14/09/1999	2300	0	548489.003	7031679.00208	SESTAK CONTOUR SW	8.3	44.7	24	10.9	2
ST9	75755	SOIL	14/09/1999	2400	0	548392.9966	7031683.00126	SESTAK CONTOUR SW	10.3	51	35	12.5	1
ST9	75756	SOIL	14/09/1999	2500	0	548296.0008	7031686.00065	SESTAK CONTOUR SW	10.5	38.8	320	8.6	2
ST9	75757	SOIL	14/09/1999	2600	0	548200.0026	7031689.99984	SESTAK CONTOUR SW	9.1	50.9	186	7.8	1
ST9	75758	SOIL	14/09/1999	2700	0	548103.9963	7031693.99903	SESTAK CONTOUR SW	8.3	73.3	120	9.5	4
ST9	75759	SOIL	14/09/1999	2800	0	548007.9981	7031697.99821	SESTAK CONTOUR SW	8.7	38.4	80	8.7	1
ST9	75760	SOIL	14/09/1999	2900	0	547911.0023	7031700.9976	SESTAK CONTOUR SW	6.9	56.7	31	10	2
ST9	75761	SOIL	14/09/1999	3000	0	547814.9959	7031704.99679	SESTAK CONTOUR SW	7.8	51.2	32	11	3
TR1	76532	CHIP	12/07/2000	0	0	547867	7037371	TR-1, STARTING N END OF TRENCH AND WORKING S 0-2m	14.1	99.8	90	50.2	4
TR1	76533	CHIP	12/07/2000	0	0	547867	7037373	TR-1, 2-4m	16.5	126	214	41.4	5
TR1	76534	CHIP	12/07/2000	0	0	547867	7037375	TR-1, 4-6m	16.1	91.4	256	52.4	4
TR1	76535	CHIP	12/07/2000	0	0	547867	7037377	TR-1, 6-8m	24.5	80.6	339	55.7	9
TR1	76536	CHIP	12/07/2000	0	0	547867	7037379	TR-1, 8-10m	36.8	101.3	337	52.7	8
TR1	76537	CHIP	12/07/2000	0	0	547867	7037381	TR-1, 10-12m	19.5	59.9	145	42.5	4
TR1	76538	CHIP	12/07/2000	0	0	547867	7037383	TR-1,12-14m	19.7	116.6	271	80.8	11
TR1	76539	CHIP	12/07/2000	0	0	547867	7037385	TR-1, 14-16m	32.3	128.1	653	206.4	24
TR1	76540	CHIP	12/07/2000	0	0	547867	7037387	TR-1, 16-18m	122.5	394.3	910	548.8	75
TR1	76541	CHIP	12/07/2000	0	0	547867	7037389	TR-1, 18-20m	49.4	158.3	136	14.8	14
TR1	76542	CHIP	12/07/2000	0	0	547867	7037391	TR-1, 20-22m	146.5	537.1	360	138.1	44
TR1	76543	CHIP	12/07/2000	0	0	547867	7037393	TR-1, 22-24m	39.7	213.3	587	95.3	506
TR1	76544	CHIP	12/07/2000	0	0	547867	7037395	TR-1, 24-26m	41	93.8	277	49.6	128
TR1	76545	CHIP	12/07/2000	0	0	547867	7037397	TR-1, 26-28m	21	59.5	130	27.1	71
TR1	76546	CHIP	12/07/2000	0	0	547867	7037399	TR-1, 28-30m	19	59.9	95	20.2	17
TR1	76547	CHIP	12/07/2000	0	0	547867	7037401	TR-1, 30-32m	13.7	84.7	181	21.5	18
TR1	76548	CHIP	12/07/2000	0	0	547867	7037403	TR-1, 32-34m	22.9	209.4	248	32.9	148
TR1	76549	CHIP	12/07/2000	0	0	547867	7037405	TR-1, 34-36m	17.9	424.8	88	32.5	10
TR1	76550	CHIP	12/07/2000	0	0	547867	7037407	TR-1, 36-38m	24.7	333.5	143	45.7	6
TR1	76551	CHIP	12/07/2000	0	0	547867	7037409	TR-1, 38-40m	41	146.2	399	161	9
TR1	76552	CHIP	12/07/2000	0	0	547867	7037411	TR-1, 40-42m	44.2	83	183	52.9	6
TR1	76833	GRAB	31/07/2000	0	0	547869	7037371	TR-1, 1.0 m MAIN TRENCH TRACE FINE GRAIN ASPY IN	37.1	64.2	504	107.3	4
TR1	76835	GRAB	31/07/2000	0	0	547869	7037386	TR-01, CLAY GOUGE ZONE CUTTING AUGEN GNEISSOR MAF	30.7	195.1	211	43.8	62
TR1	76836	GRAB	31/07/2000	0	0	547869	7037388	TR-01, 18 m (F TRENCH) CLAY GOUGE ZONE CUTTING OR	149.2	278.1	765	94.6	126
TR1	76837	GRAB	31/07/2000	0	0	547869	7037392	TR-01, 22m MUSCOVITE BIOTITE QUARTZ AUGEN ORTHOGNE	21.7	61.1	51	4.8	1
TR2	76839	CHIP	28/07/2000	0	0	547715	7037253	TR-02 0-2M	13.4	58.1	216	241.1	54
TR2	76840	CHIP	28/07/2000	0	0	547713	7037253	TR-02 2-4M	14.1	40.4	129	194.6	18
TR2	76841	CHIP	28/07/2000	0	0	547711	7037252	TR-02 4-6M	10	83.3	94	41.1	4
TR2	76842	CHIP	28/07/2000	0	0	547709	7037252	TR-02 6-8M	12	91.4	69	50.6	4
TR2	76843	CHIP	28/07/2000	0	0	547707	7037252	TR-02 8-10M	15.1	68.6	128	90.9	12
TR2	76844	CHIP	28/07/2000	0	0	547705	7037252	TR-0210-12M	13.2	68.3	102	63.7	2

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
TR2	76845	CHIP	28/07/2000	0	0	547703	7037251	TR-02 12-14M	9.1	61.1	174	282.6	11
TR2	76846	CHIP	28/07/2000	0	0	547701	7037251	TR-02 14-16M	12.5	61	233	721.9	29
TR2	76847	CHIP	28/07/2000	0	0	547699	7037251	TR-02 16-18M	14.6	61.4	311	267.8	31
TR2	76848	CHIP	28/07/2000	0	0	547697	7037251	TR-02 18-20M	11.4	32.8	192	121.6	22
TR2	76849	CHIP	28/07/2000	0	0	547695	7037250	TR-02 20-22M	7.7	27.6	291	169.8	10
TR2	76850	CHIP	28/07/2000	0	0	547693	7037250	TR-02 22-24M	5.2	21.4	106	73.4	7
TR2	76851	CHIP	28/07/2000	0	0	547691	7037250	TR-02 24-26M	3	14.5	64	45.3	4
TR2	76852	CHIP	28/07/2000	0	0	547689	7037250	TR-02 26-28M	7.3	15.3	143	86.4	7
TR2	76853	CHIP	28/07/2000	0	0	547687	7037249	TR-02 28-30M	4.1	46.2	186	139	4
TR2	76854	CHIP	28/07/2000	0	0	547685	7037249	TR-02 30-32M	4.7	46.3	218	179.4	7
TR2	76855	CHIP	28/07/2000	0	0	547683	7037249	TR-02 32-34M	4.5	35.8	136	104.3	1
TR2	76856	CHIP	28/07/2000	0	0	547681	7037249	TR-02 34-36M	7.1	65.8	155	86.4	1
TR2	76857	CHIP	28/07/2000	0	0	547679	7037248	TR-02 36-38M	7.7	50.4	207	130.1	3
TR2	76630	GRAB	13/07/2000	0	0	547714	7037251	TR-02, QTZ VEIN WITH PYRITE, ASPY AND LIMONITE	85.5	10.5	158	331.8	41
TR2	76631	GRAB	13/07/2000	0	0	547712	7037250	TR-02, SILICIFIED PSAMMITE WITH ASPY	74.6	70.3	347	74.8	8
TR2	76632	GRAB	13/07/2000	0	0	547709	7037250	TR-02, SULPHIDIC PSAMMITE	25.6	62.5	82	5.4	1
TR3	76872	CHIP	29/07/2000	0	0	548514	7036012	TR-03 28-30M	31.8	66.7	877	232.5	32
TR3	76873	CHIP	29/07/2000	0	0	548516	7036014	TR-03 30-32M	14.3	108.1	431	108.9	20
TR3	76874	CHIP	29/07/2000	0	0	548518	7036015	TR-03 32-34M	17.1	101.5	492	82.5	64
TR3	76875	CHIP	29/07/2000	0	0	548519	7036016	TR-03 34-36M	8.7	70.7	297	111.7	15
TR3	76858	CHIP	28/07/2000	0	0	548492	7035996	TR-03 0-2M, SERICITE QTZ SCHIST WITH S2 QTZ VEINS	12.7	73.5	58	146.5	13
TR3	76859	CHIP	28/07/2000	0	0	548494	7035996	TR-03 2-4M, RUSTY FISSILE SCHIST NEAR TOP OF TRENC	14.9	85.4	127	408.8	42
TR3	76860	CHIP	28/07/2000	0	0	548496	7035997	TR-03 4-6M, TRACE CPY IN SILICIFIED ZONE NEAR TREN	18.5	71	110	56.8	4
TR3	76861	CHIP	28/07/2000	0	0	548497	7035998	TR-03 6-8M, 10cm WIDE GOUGE ZONE AT 9M	25	95.1	146	97.3	7
TR3	76862	CHIP	28/07/2000	0	0	548499	7035999	TR-03 8-10M, SILICIFIED SCHIST WITH S2 QTZ VEINS <	35.7	91	260	144.6	44
TR3	76863	CHIP	28/07/2000	0	0	548501	7036001	TR-03 10-12M, STEEP, GREY 10cm WIDE GOUGE ZONE	15.2	82.2	293	93.4	30
TR3	76864	CHIP	28/07/2000	0	0	548502	7036002	TR-03 12-14M, RUSTY 15cm WIDE GOUGE ZONE AT 14M	22.9	68.8	526	1495	498
TR3	76865	CHIP	28/07/2000	0	0	548504	7036003	TR-03 14-16M, RUSTY AND SILICIFIED NEAR TRENCH BOT	24.4	52.1	467	512.2	60
TR3	76866	CHIP	28/07/2000	0	0	548505	7036004	TR-03 16-18M, 30cm WIDE GRAPHITIC UNIT ABOVE SILIC	27	63.2	671	922.4	193
TR3	76867	CHIP	28/07/2000	0	0	548507	7036006	TR-03 18-20M, ~0.7M WIDE MASSIVE SILICIFIED UNIT N	17.8	45.1	584	650.6	73
TR3	76868	CHIP	28/07/2000	0	0	548508	7036007	TR-03 20-22M, SILICIFIED UNIT NEAR TRENCH BOTTOM	31.6	71.2	833	284.7	54
TR3	76869	CHIP	28/07/2000	0	0	548510	7036008	TR-03 22-24M, RUSTY, SILICIFIED WITH 10cm GOUGE ZO	23.9	53	538	174.5	24
TR3	76870	CHIP	28/07/2000	0	0	548511	7036010	TR-03 24-26M, RUSTY, SILICIFIED WITH GOUGE ZONE	23.2	61.8	542	396.8	29
TR3	76871	CHIP	28/07/2000	0	0	548513	7036011	TR-03 26-28M, GOUGE ZONE ~30cm WIDE NEAR TRENCH BO	19.1	69.7	591	214.7	30
TR3	76876	CHIP	28/07/2000	0	0	548521	7036017	TR-03 36-38M	10.3	84.2	217	83.6	8
TR3	76877	CHIP	28/07/2000	0	0	548522	7036019	TR-03 38-40M	11.8	81.5	260	84.2	8
TR3	76878	CHIP	28/07/2000	0	0	548524	7036020	TR-03 40-42M, MICA SCHIST WITH QTZ VEIN	5.9	52.4	197	98.3	23
TR3	76879	CHIP	28/07/2000	0	0	548525	7036021	TR-03 42-44M, MASSIVE QTZ VEIN WITH CPY AND PY, <1	12.4	58.2	317	411.1	22
TR3	76880	CHIP	28/07/2000	0	0	548527	7036023	TR-03 44-46M, MICACEOUS SCHIST, LOCALLY SILICIFIED	18.7	70	415	673.6	26
TR3	76881	CHIP	28/07/2000	0	0	548528	7036024	TR-03 46-48M, MICACEOUS QUARTZITE, LOCALLY SILICIF	15.8	120.8	463	1161.8	158
TR3	76882	CHIP	28/07/2000	0	0	548530	7036025	TR-03 48-50M	15.1	106.2	598	700.7	16
TR3	76883	CHIP	28/07/2000	0	0	548531	7036027	TR-03 50-52M, CONSISTENT LAYER OF GRAPHITIC SCHIST	35.1	143.4	652	709.2	32
TR3	76884	CHIP	28/07/2000	0	0	548533	7036028	TR-03 52-54M, GRAPHITIC SCHIST BELOW QTZ-MICA SCHI	9.9	121	252	283.6	21
TR3	76885	CHIP	28/07/2000	0	0	548534	7036029	TR-03 54-56M, QTZ-MICA SCHIST WITH LOWER LIMONITIC	14.3	143.6	453	256.8	12
TR3	76886	CHIP	28/07/2000	0	0	548536	7036030	TR-03 56-58M, PEGMATITE LAYER IN RUSTY QTZ-MICA SC	10.7	119.7	343	118.4	6
TR3	76887	CHIP	28/07/2000	0	0	548537	7036032	TR-03 58-60M, TOURMALINE-MICA PEGMATITE ABOVE QTZ-	6.7	83.5	135	70.6	1
TR3	76780	GRAB	29/07/2000	0	0	548511	7036007	TR-03 23M, SERICITIC, LIMONITIC QUARTZITE	17.1	22.3	660	65.7	57
TR3	76781	GRAB	29/07/2000	0	0	548514	7036009	TR-03 27M, QTZ VEIN IN FAULT GOUGE	12.6	83.9	527	67.1	40
TR3	76782	GRAB	29/07/2000	0	0	548514	7036009	TR-03 27M, GOUGE MATERIAL IN SAME ZONE AS SAMPLE #	24.5	63.2	672	371.3	57
TR3	76783	GRAB	29/07/2000	0	0	548522	7036016	TR-03 36.5M, WHITE PORTION OF 20cm WIDE S2 QTZ VEI	1	4.3	35	10.5	2
TR3	76784	GRAB	29/07/2000	0	0	548522	7036016	TR-03 37M, GREY PORTION OF QTZ VEIN WITH WEATHERED	4	35.6	169	33.9	8
TR3	76785	GRAB	29/07/2000	0	0	548522	7036016	TR-03 37M, SAME QTZ VEIN AS SAMPLES # 76783, 84, S	1.4	5.6	54	43.5	6

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
TR3	76786	GRAB	29/07/2000	0	0	548523	7036017	TR-03 38M, SAME QTZ VEIN AS # 76783, 84, 85, SLIGH	1.2	3	34	21.5	2
TR3	76787	GRAB	29/07/2000	0	0	548526	7036020	TR-03 43M, MODERATELY LIMONITIC QUARTZITE	14.4	24.6	496	132.8	6
TR3	76788	GRAB	29/07/2000	0	0	548528	7036021	TR-03 45.5M, 10cm WIDE QTZ VEIN ON SE SIDE OF TREN	14.5	24.2	415	1176.6	104
TR3	76789	GRAB	29/07/2000	0	0	548534	7036026	TR-03 52.5M	10.6	32.2	238	552.2	58
TR3	76790	GRAB	29/07/2000	0	0	548534	7036026	TR-03, LOOSE ROCK FROM BOTTOM OF TRENCH, LIMONITIC	9.4	42.7	312	430.2	79
TR3	76791	GRAB	29/07/2000	0	0	548526	7036019	TR-03 42M, BLOCK OF 2M X 2M WHITE SERICITE BEARING	2.4	3.2	39	43.3	8
TR3	76792	GRAB	29/07/2000	0	0	548509	7036005	TR-03 20M, QTZ VEIN WITHIN SERICITIC QUARTZITE	7.3	9.7	182	96.8	7
TR3	76793	GRAB	29/07/2000	0	0	548507	7036004	TR-03 18M, GRUNGY LIMONITIC QUARTZ	11.3	21.9	495	989.6	493
TR3	76794	GRAB	29/07/2000	0	0	548503	7036000	TR-03 13M, WHITE/GREY 10cm WIDE QTZ VEIN	8.1	14.9	125	52.4	7
TR3	76795	GRAB	29/07/2000	0	0	548501	7035998	TR-03 10M, GREYISH QUARTZ	11	17.4	109	44.8	10
TR3	76796	GRAB	29/07/2000	0	0	548505	7036001	TR-03 ~14M, VUGGY WHITE QTZ WITH BLACK (WEATHERED	3.9	12.2	73	20.6	10
TR3	76777	GRAB	28/07/2000	0	0	548494	7035995	TR-03 3M, <3cm WIDE GRUNGY BLACK S2 QTZ VEIN IN MI	31.2	56.1	172	83.6	6
TR3	76778	GRAB	28/07/2000	0	0	548496	7035995	TR-03 4.5M, SILICIFIED BIOTITE SCHIST WITH DISSEMI	21.9	73.4	124	13	1
TR3	76779	GRAB	28/07/2000	0	0	548502	7035999	TR-03 11M, SEE # 76777, S2 3cm FLAT LYING QTZ VEIN	3.4	9.9	48	6.8	4
TR4	76888	CHIP	29/07/2000	0	0	548684	7035954	TR-04 0-3M, BROWN MICACEOUS SCHIST, INTENSLY WEATH	17.2	94.1	247	48.4	29
TR4	76889	CHIP	28/07/2000	0	0	548684	7035951	TR-04 3-6M,MICACEOUS SCHIST WITH MINOR LIMONITIC S	12.6	75.6	115	76.8	3
TR4	76890	CHIP	28/07/2000	0	0	548683	7035948	TR-04 6-9M, RELATIVELY FLAT MICACEOUS SCHIST WITH	18.2	95.1	270	158	11
TR4	76891	CHIP	28/07/2000	0	0	548683	7035945	TR-04 9-12M, LIMONITIC MICACEOUS SCHIST, FLAT LYIN	17.4	115.9	322	496.9	29
TR4	76892	CHIP	28/07/2000	0	0	548682	7035942	TR-04 12-15M, MICACEOUS SCHIST WITH MINOR QTZ	26.7	163.9	344	293.8	17
TR4	76893	CHIP	28/07/2000	0	0	548682	7035939	TR-04 15-18M, FOLDED MICACEOUS SCHIST	16.5	144.6	460	793.6	41
TR4	76894	CHIP	28/07/2000	0	0	548681	7035936	TR-04 18-21M, MICACEOUS SCHIST WITH MINOR LIMONITI	138	96.5	449	913.9	171
TR4	76895	CHIP	28/07/2000	0	0	548680	7035933	TR-04 21-24M, FOLDED MICACEOUS SCHIST, SERICITIC Q	39.7	173	370	244.2	9
TR4	76896	CHIP	28/07/2000	0	0	548680	7035930	TR-04 24-27M, MICACEOUS SCHIST WITH MINOR S2 QTZ V	22.6	215.5	336	331.3	24
TR4	76897	CHIP	28/07/2000	0	0	548679	7035927	TR-04 27-30M, MICACEOUS SCHIST, QTZ-TOURMALINE PEG	31.3	300.2	391	768.9	90
TR4	76898	CHIP	28/07/2000	0	0	548678	7035924	TR-04 30-33M, BROWN AND BLACK FOLDED MICACEOUS SCH	14	310.4	275	235.4	25
TR4	76899	CHIP	28/07/2000	0	0	548677	7035922	TR-04 33-36M, LIMONITIC HORIZON 10cm WIDE AND GRAP	14.5	128.3	360	756.4	96
TR4	77003	CHIP	28/07/2000	0	0	548676	7035919	TR-04 36-39M, LOCALLY LIMONITIC LIGHT BROWN MICACE	9.4	144.8	341	303.4	12
TR4	77004	CHIP	28/07/2000	0	0	548674	7035916	TR-04 39-42M, LIMONITIC S2 QTZ IN MICACEOUS SCHIST	17.2	200.9	440	522	125
TR4	77005	CHIP	28/07/2000	0	0	548673	7035913	TR-04 42-45M, WEATHERED SCHIST WITH CLAY LIKE HORI	48.8	572.1	292	189.9	47
TR4	77006	CHIP	28/07/2000	0	0	548672	7035911	TR-04 45-48M, BROKEN MICACEOUS SCHIST S2 ~350/20	59.4	293	319	213.5	59
TR4	77007	CHIP	28/07/2000	0	0	548671	7035908	TR-04 48-51M, END OF TRENCH, MICACOUS SCHIST	76	145.7	105	41	14
TR4	76699	GRAB	29/07/2000	0	0	547596	7037184	TR-04 27M, QTZ VEIN UP TO 25cm THICK BY 6M LONG, C	4.9	50.2	94	66.7	3
TR4	76797	GRAB	29/07/2000	0	0	548674	7035909	TR-04 47M, QTZ AND SERICITE SCHIST IN FAULT GOUGE	577.1	506.2	2306	893.1	1437
TR4	76798	GRAB	29/07/2000	0	0	548677	7035916	TR-04 39M, A QUARTZITE TO CHLORITE SCHIST, WEAKLY	26.2	123.4	306	151.8	8
TR4	76799	GRAB	29/07/2000	0	0	548680	7035923	TR-04, THIN (1-2cm) LIMONITIC CRUMBLY PIECE OF QTZ	22.9	128.1	1475	3377.3	1541
TR4	76685	GRAB	28/07/2000	0	0	548684	7035943	TR-04 12M, 3-8cm WIDE QUARTZ VEIN IN MICA SCHIST	2.6	18.2	195	125	9
TR4	76686	GRAB	28/07/2000	0	0	548683	7035939	TR-04 16M, SILICIOUS CHLORITE SCHIST WITHIN MICACE	5.3	43.7	75	71.8	12
TR4	76687	GRAB	28/07/2000	0	0	548682	7035932	TR-04 23.6M, PEGMATITE AT BOTTOM OF TRENCH	13.1	17.7	83	26.4	4
TR4	76688	GRAB	28/07/2000	0	0	548679	7035921	TR-04 34.2M, LOCALLY SILICIOUS MICA SCHIST	18.3	109.8	647	221.3	14
TR4	76689	GRAB	28/07/2000	0	0	548679	7035921	TR-04 34.3M, QUARTZ-MICA SCHIST ABOVE GRAPHITIC MI	7.1	160.6	323	192.2	6
TR5	77305	CHIP	30/07/2000	0	0	548312	7036402	TR-05 15-18M	78.6	648.8	462	118.8	20
TR5	77306	CHIP	30/07/2000	0	0	548315	7036404	TR-05 18-21M	92.1	533.7	405	165.3	18
TR5	77307	CHIP	30/07/2000	0	0	548317	7036406	TR-05 21-24M	3812	2397.8	9766	732.4	236
TR5	77308	CHIP	30/07/2000	0	0	548319	7036408	TR-05 24-27M	7239.7	8191.4	17835	203.8	1266
TR5	77309	CHIP	30/07/2000	0	0	548322	7036410	TR-05 27-30M	7336.9	11796	21783	320.6	1132
TR5	77310	CHIP	30/07/2000	0	0	548324	7036412	TR-05 30-33M	836.4	1278.9	2055	109.7	22
TR5	77311	CHIP	30/07/2000	0	0	548326	7036414	TR-05 33-36M	120	466.1	451	314.1	44
TR5	77312	CHIP	30/07/2000	0	0	548329	7036416	TR-05 36-39M	52.3	210.6	241	788.3	40
TR5	77313	CHIP	30/07/2000	0	0	548331	7036418	TR-05 39-41M	156.3	849.9	810	3094	180
TR5	77300	CHIP	29/07/2000	0	0	548301	7036393	TR-05 0-3M	774.4	1025.6	2057	108.1	27
TR5	77301	CHIP	29/07/2000	0	0	548303	7036395	TR-05 3-6M	832.6	2337.7	2073	71.5	9
TR5	77302	CHIP	29/07/2000	0	0	548306	7036397	TR-05 6-9M	1822.2	1797.6	5453	161.8	15

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
TR5	77303	CHIP	29/07/2000	0	0	548308	7036398	TR-05 9-12M	126.1	453.9	806	249.1	18
TR5	77304	CHIP	29/07/2000	0	0	548310	7036400	TR-05 12-15M	101.1	703.8	464	144.5	24
TR5	77050	GRAB	30/07/2000	0	0	548312	7036400	TR-05 14.5M, QTZ-CARBONATE VEINS WITH PARALLEL AND	134.5	523.5	323	142.3	35
TR5	77051	GRAB	30/07/2000	0	0	548313	7036401	TR-05 16M, GRUNGY PEGMATITIC GRANITE	258.4	1179.2	4739	326.8	50
TR5	77052	GRAB	30/07/2000	0	0	548316	7036403	TR-05 20M, 4cm WIDE QTZ-CARBONATE VEIN WITH SLICES	16.4	97.8	101	31.3	3
TR5	77053	GRAB	30/07/2000	0	0	548318	7036404	TR-05 21.5M, F.G. GRANITIC DYKE WITH F.G. DISSEM.	2250	2690.9	2845	126.2	202
TR5	77054	GRAB	30/07/2000	0	0	548319	7036405	TR-05 23M, 10cm WIDE, MICACEOUS FOLIATED GRANITE D	278.7	412.2	573	1181.3	120
TR5	77055	GRAB	30/07/2000	0	0	548321	7036407	TR-05 25.5M, 2-5% GALENA IN 2M WIDE SKARN ZONE, AC	4540.2	7643.1	11292	103.6	947
TR5	77056	GRAB	30/07/2000	0	0	548321	7036407	TR-05 26M, MINERALIZED GRANITIC DYKES UP TO 4M ALO	14377	21990	27560	246.7	967
TR5	77057	GRAB	30/07/2000	0	0	548323	7036408	TR-05 28M, SILICIFIED AND ALTERED GRANITIC DYKE, D	24195	21961	41540	13182	3555
TR5	77314	GRAB	29/07/2000	0	0	548305	7036394	TR-05 5.5M, S2 BANDS OF SUGARY WHITE QTZ <1cm WIDE	47.1	167.3	308	123.9	7
TR5	77315	GRAB	29/07/2000	0	0	548307	7036395	TR-05 8M, ALTERED AND GRUNGY GRANITIC (?) DYKE AT	19.6	46	123	31.6	5
TR5	77316	GRAB	29/07/2000	0	0	548305	7036393	TR-05 4.5M, PYRHOTITE +/- ASPY IN SILICIFIED AND S	27.7	178.2	149	33	2
TR5	77317	GRAB	29/07/2000	0	0	548312	7036399	TR-05 14M, RUSTY MICACEOUS GRANITE DYKE	144.3	105.6	601	724.4	34
TR5	77318	GRAB	29/07/2000	0	0	548312	7036399	TR-05 14M, RUSTY QUARTZITE, S2 QTZ BANDS <1cm AND	17.5	146.1	140	169.5	3
TR6	77319	CHIP	30/07/2000	9800	10405	548512	7036422	TR-6, 0-3m, TRENCH 06 GRID B @ L98-104+05E, - BEAR	15.6	73.8	227	439.5	36
TR6	77320	CHIP	30/07/2000	9800	10405	548510	7036420	TR-6,3-6, QUARTZITE SCHIST + QUARTZ/MUSCOVITE-BIO	20.2	37.6	376	1560.9	76
TR6	77321	CHIP	30/07/2000	9800	10405	548508	7036418	TR-6, 6-9, QUARTZITE/ QUARTZ-MUSCOVITE SCHIST. COM	21.2	52	341	1099.7	43
TR6	77322	CHIP	30/07/2000	9800	10405	548506	7036416	TR-6, 9-12, QTZ-MUS, SCHIST, CHLORITC/GRAPHITC CRU	13.9	29.7	193	602.2	30
TR6	77323	CHIP	30/07/2000	9800	10405	548504	7036414	TR-6, 12-15, QUARTZ MUSC (SERICITE) LIMMONITIC SCH	14.7	76	176	164.8	8
TR6	77324	CHIP	30/07/2000	9800	10405	548502	7036411	TR-6, 15-18, SUBHORIZONTAL ZONE HARD IRREGULARLY B	11.1	47.3	218	149.5	14
TR6	77325	CHIP	30/07/2000	9800	10405	548500	7036409	TR-6, 18-21, 1.5m SILICIFIED ZONES WITH GRAPHITE	22.5	93.8	357	141.1	51
TR6	77326	CHIP	30/07/2000	9800	10405	548498	7036407	TR-6, 21-24, AUGEN GNEISS, - META PORPHY	23.4	68.6	208	66.5	17
TR6	77327	CHIP	30/07/2000	9800	10405	548495	7036405	TR-6, 24-27, META PORPY	84.4	87.9	617	219.4	196
TR6	77328	CHIP	30/07/2000	9800	10405	548493	7036403	TR-6, 27-30, FOLIATED WHITE PORPH, - LOCAL OPEN FR	25.8	101.1	243	129	28
TR6	77329	CHIP	30/07/2000	9800	10405	548491	7036401	TR-6, 30-33, LIMONITIC QUARTZITES SCHISTS- SOFT/BR	16.8	93	283	105.3	16
TR6	77330	CHIP	30/07/2000	9800	10405	548489	7036399	TR-6, 33-36, QUARTZITE SCHIST, -QUARTZ MUSC PEGMAT	65.2	75.5	802	301.7	229
TR6	77331	CHIP	30/07/2000	9800	10405	548487	7036397	TR-6, 36-39, LIMONITIC CS IS TALLUS VUGGY QUARTZ I	21.9	84.6	290	219.7	24
TR6	77008	GRAB	30/07/2000	9800	10405	548507	7036414	TR-6, 9-12m INTENSE IRREGULAR QUARTZ CARBONATE STO	8.2	18.6	130	684.3	18
TR6	77009	GRAB	30/07/2000	9800	10405	548502	7036409	TR-6, 18m,	4.8	25.9	64	46.5	2
TR6	77010	GRAB	30/07/2000	9800	10405	548501	7036408	TR-6, 19m, LIMONITIC QUARTZ VEINS HIGHLY BRECCIATE	170.4	165.5	3099	1093.3	1001
TR6	77011	GRAB	30/07/2000	9800	10405	548498	7036405	TR-6, 24m, ORANGE LIMONITIC, LOCALY "FROATHY" SCHI	397.3	240.6	6596	1839.8	1955
TR6	77012	GRAB	30/07/2000	9800	10405	548492	7036399	TR-6, 32m, 1% ASPY IN SILICIFIED SCHIST	12.8	92.1	484	137.2	22
TR6	77013	GRAB	30/07/2000	9800	10405	548491	7036398	TR-06, 33.5m, CRUMBLY WHITE/ YELLOW PEGMATITIC GRA	15.7	134.2	360	365.7	38
TR6	77014	GRAB	30/07/2000	9800	10405	548490	7036396	TR-06, 35.5m, FROATHY WHITE YELLOW LIMONITIC QUART	317.8	6.7	2703	267.2	1063
TR6	77015	GRAB	30/07/2000	9800	10405	548489	7036396	TR-06, 36m, YELLOWISH CHERTY QTZ GREY BAND =0.5 TO	44.1	5.8	519	80.6	46
TR7	77022	CHIP	31/07/2000	0	0	547560	7037375	TR-07, 6-9m, MAINLY MARBLE WITH FEW SILICIOUS BAND	4.7	7.7	29	7.1	2
TR7	77023	CHIP	31/07/2000	0	0	547562	7037377	TR-07, 9-12m RANDOM CHUNKS OF MARBLE, EITHER FROZE	4.2	4.2	14	6.4	0
TR7	77024	CHIP	31/07/2000	0	0	547564	7037379	TR-07, 12-15m, RANDOM CHIPS OF MARBLE TORE UP OUT	5.8	2.6	12	6.3	1
TR7	77025	CHIP	31/07/2000	0	0	547566	7037382	TR-07, 15-18m, CHIP SAMPLING IN RANDOM DIRECTION,	8.2	5.7	23	5.8	1
TR7	77026	CHIP	31/07/2000	0	0	547568	7037384	TR-07, 18-20m, RANDOM CHIP SAMPLE OF MARBLE. PERMO	7.6	13.5	58	28.2	3
TR7	77027	CHIP	31/07/2000	0	0	547570	7037386	TR-07, 21-24m, OUT OF MARBLE AND INTO MICACEOUS QU	6.9	55.5	113	176.7	6
TR7	77028	CHIP	31/07/2000	0	0	547572	7037388	TR-07, 24-27m, CONTINUED ICECRETE WITH MAINLY BITS	10.2	60.1	81	97.7	6
TR7	77029	CHIP	31/07/2000	0	0	547574	7037391	TR-07, 27-30m, MAINLY TALUS OF MARBLE AND MICACEOU	8.1	68.5	75	119.4	4
TR7	77030	CHIP	31/07/2000	0	0	547576	7037393	TR-07, 30-33m CALCAREOUS SED BOULDERS SILICIOUS AN	4.7	54.1	37	48.4	2
TR7	77031	CHIP	31/07/2000	0	0	547578	7037395	TR-07, 33-36m. FRACTURED BROKEN UP CARBONACEOUS SE	7.7	54.6	103	179.3	13
TR7	77032	CHIP	31/07/2000	0	0	547580	7037398	TR-07, 36-39m, FRACTURED AND BROKEN UP MICACEOUS S	9	67.8	86	87.2	6
TR7	77033	CHIP	31/07/2000	0	0	547582	7037400	TR-07, 39-42m, CONTINUED FRACTURED CARBONACEOUS SE	13.2	69	103	127.7	9
TR7	77020	GRAB	31/07/2000	0	0	547556	7037370	TR-07, 0-3m, GREY THIN BANDED MARBLE MAY BE A FEW	3.1	5.1	22	7.1	4
TR7	77021	GRAB	31/07/2000	0	0	547558	7037372	TR-07, 3-6 m MOST OF ROCK BLINDING WHITE MARBLE, S	5.4	60.2	36	16.8	5
TR7	77062	GRAB	31/07/2000	0	0	547566	7037379	TR-07, 15 m LIMESTONE WITH CONVOLUTED CROSSCUTTING	13.1	7.7	35	5.4	1
TR7	77063	GRAB	31/07/2000	0	0	547569	7037382	TR-07, 19 m - BLACK FINE GRAINED SPECKS AND FINE G	5.5	21	43	18.4	1

GRID	SAMPLE	TYPE	DATE	NORTH	EAST	EAST nad83	NORTH nadD83	REMARKS	PB ppm	ZN ppm	AG ppb	AS ppm	AU ppb
TR7	77064	GRAB	31/07/2000	0	0	547579	7037393	TR-07, 33.5m - SILICIFIED MWTADIORITE(?) CHLORITE,	10.9	55.6	101	52.2	8
TR7	77065	GRAB	31/07/2000	0	0	547580	7037395	TR-07, 36m, UPTO 3% PY + ASPY IN SILICIFIED META D	7.8	62.9	58	16.9	2
TR7	77066	GRAB	31/07/2000	0	0	547582	7037397	TR-07, 39m RUSTY QUARTZ-TOURMALINE 3cm WIDE, ALONG	6.7	32.8	109	47.3	5
TR7	77067	GRAB	31/07/2000	0	0	547581	7037395	TR-07, DUG OUT BEDROCK, - QTZ-CARBONATE VEIN 3cm W	5.6	26	47	204.1	4
TR8	77068	GRAB	31/07/2000	0	0	547662	7037377	TR-08 PIT #1 SILICIFIED MARBLE WITH QTZ VEINS 2-3C	1.4	6.3	13	3.8	1
TR8	77071	GRAB	31/07/2000	0	0	547654	7037368	TR-08, CONVERTED TO PITMARBLE WITH GRAPHITE, MALAC	25.7	3.3	141	4.4	1
TR8	77072	GRAB	31/07/2000	0	0	547647	7037360	TR-08, PIT # 3 =40M 240o AZ FROM L108N 96E, LIGHT	2.5	36.2	48	3.6	0

APPENDIX II
Geochemical Analysis Certificates

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. [redacted] COUV [redacted] BC [redacted] 1R [redacted] P [redacted] E (6[redacted]53-[redacted] FA [redacted]04) 2[redacted]171 [redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002321

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Larry Poznikoff

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
63899	1.87	32.85	5.23	117.6	56	28.1	10.6	153	2.86	2.0	1.4	.8	16.3	7.4	1.18	.11	.09	26	.07	.039	17.7	41.1	.88	96.4	.105	1	1.66	.015	1.00	3.0	2.1	.32	.02	8	.1	<.02	5.0	15
76112	1.12	3.55	43.04	20.5	65	5.6	2.0	626	.92	104.2	.2	1.0	.5	4.2	.46	.28	.09	5	.05	.013	4.3	16.1	.02	44.9	.001	2	.06	.002	.03	3.6	.9	.02	.01	7	<.1	<.02	.2	15
76290	.84	18.03	13.85	54.5	21	30.0	12.4	200	2.24	1.0	.9	.5	12.1	26.1	.23	.10	.05	37	.24	.021	20.2	52.2	.82	146.6	.152	1	1.47	.025	.82	1.7	1.6	.33	.03	<5	.2	<.02	3.9	15
76291	2.13	8.76	8.24	51.3	26	12.8	6.2	355	1.66	1.4	.7	.8	10.2	28.5	.29	.09	.10	20	.35	.020	18.8	37.4	.42	114.8	.140	<1	.92	.033	.63	4.0	1.5	.20	.02	<5	.1	<.02	3.1	15
76292	1.79	25.92	4.63	32.1	16	14.2	5.0	126	.90	9.4	.5	.5	3.6	4.5	.14	.26	.08	9	.05	.025	10.0	18.5	.14	72.4	.011	2	.39	.007	.18	3.4	.5	.06	.01	<5	.2	.03	.8	15
76293	1.85	4.41	8.42	25.1	20	3.3	1.1	74	.62	30.6	.5	<.2	9.2	23.0	.12	.16	.09	4	.02	.012	21.0	13.7	.03	103.3	<.001	1	.23	.034	.15	3.7	.4	.03	.01	<5	<.1	<.02	.6	15
76294	1.39	10.06	16.30	28.3	40	7.3	2.4	81	.59	5.2	.3	.4	3.9	17.4	.13	.17	.04	3	.18	.007	10.2	18.6	.11	27.0	.003	1	.26	.010	.12	4.0	.4	.03	.01	<5	.1	<.02	.6	15
76295	1.24	85.55	5.94	115.4	226	49.4	28.5	1097	5.91	4.1	1.8	6.1	1.2	570.3	.12	1.04	.12	136	4.02	.187	11.8	54.4	2.18	239.7	.105	<1	2.26	.048	.44	.3	11.1	.17	.30	5	.1	.06	14.6	15
76296	1.64	4.06	3.21	5.9	9	3.5	.4	41	.26	.6	.2	<.2	.8	3.3	.06	.05	.06	<2	.03	.006	1.5	19.7	.01	7.7	.001	2	.05	.006	.04	5.7	.1	<.02	<.01	<5	<.1	<.02	.2	15
76297	2.70	10.22	5.39	40.4	21	11.2	3.7	146	1.24	1.7	.4	1.9	4.2	18.2	.07	.48	.05	13	.13	.007	12.5	33.5	.31	55.2	.035	1	.60	.009	.29	5.0	1.0	.10	.01	<5	<.1	.02	1.8	15
76298	1.15	13.72	29.65	31.5	34	13.4	4.4	120	.94	1.2	.5	1.9	3.9	36.3	.07	.08	.05	11	.48	.082	11.8	23.7	.25	33.7	.035	1	.70	.042	.14	3.0	1.0	.05	.01	<5	<.1	.04	2.3	15
76299	1.86	5.26	10.58	27.1	10	3.3	1.2	88	.91	1.3	.5	.5	8.1	27.3	.08	.10	.03	15	.02	.012	13.6	14.1	.03	73.7	.003	1	.22	.034	.15	3.6	.6	.02	<.01	<5	<.1	<.02	.8	15
76500	1.57	3.13	2.58	49.6	10	4.5	4.8	181	1.05	.8	.1	.8	.6	57.2	.07	.07	.02	19	.32	.059	2.4	17.0	.46	138.7	.083	1	.79	.049	.15	3.4	1.2	.02	<.01	<5	<.1	<.02	3.4	15
RE 76500	1.62	3.27	2.68	50.4	10	4.5	5.2	182	1.06	.9	.2	.7	.7	57.7	.08	.07	<.02	19	.31	.059	2.4	17.3	.47	139.6	.084	2	.80	.049	.15	3.6	1.2	<.02	<.01	<5	<.1	.02	3.4	15
STANDARD DS2	14.37	127.56	33.85	160.4	265	34.5	11.9	834	3.08	60.2	19.8	207.6	3.6	27.3	10.20	9.82	10.89	75	.54	.091	16.3	162.3	.60	150.3	.097	2	1.73	.031	.16	7.0	3.0	1.82	.05	235	2.3	1.89	5.9	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 13 2000 **DATE REPORT MAILED:** July 19/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. E. TIN ST. COU BC 1R P E(6 53- FA 04) 171

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002322

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Larry Poznikoff

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64602	.80	22.87	15.76	89.7	103	27.2	18.3	1107	3.36	29.9	.9	13.1	5.0	69.2	.19	.92	.14	61	.69	.097	18.8	44.7	.76	330.9	.070	<1	1.40	.012	.13	<.2	3.3	.08	.02	26	.4	.09	5.1	15
64611	.74	18.57	13.53	61.2	81	16.5	11.0	699	2.34	15.1	.8	3.5	3.0	38.4	.16	.44	.11	54	.41	.068	14.6	23.6	.45	321.1	.054	<1	1.17	.009	.07	.2	2.9	.06	<.01	27	.3	.04	4.2	15
RE 64611	.73	18.57	13.63	62.8	83	16.8	11.2	704	2.37	15.3	.8	12.3	3.1	39.1	.17	.43	.12	53	.42	.067	14.9	23.3	.46	318.5	.058	<1	1.20	.009	.07	.2	2.9	.06	<.01	32	.3	.03	4.3	15
STANDARD	14.31	122.26	34.33	152.8	267	36.0	11.1	795	2.97	53.1	18.5	191.6	3.5	28.2	9.93	10.06	10.70	75	.53	.086	16.4	149.7	.58	147.1	.094	2	1.63	.029	.16	7.2	2.8	1.75	.02	245	2.3	1.81	5.8	-

Standard is STANDARD DS2.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: -150 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 13 2000 **DATE REPORT MAILED:** July 19/00 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002323 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Larry Poznikoff

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
63826	1.62	12.37	9.97	40.6	128	15.0	9.2	461	2.52	6.0	.4	7.1	3.1	26.7	.08	.42	.17	58	.38	.022	9.6	29.2	.38	345.8	.057	3	1.45	.009	.15	<.2	3.6	.06	.01	13	.1	.03	4.5
63827	.55	22.91	9.25	47.9	55	25.0	11.4	513	2.65	7.8	.5	2.0	3.9	30.1	.07	.49	.16	62	.46	.016	12.7	41.0	.68	314.1	.080	1	1.59	.017	.07	<.2	5.2	.05	.02	16	.1	.03	4.7
63828	.76	22.80	12.57	57.3	42	27.9	10.9	312	3.02	11.2	.8	2.1	8.4	26.3	.07	.68	.19	68	.32	.030	16.3	43.0	.55	300.4	.089	2	1.91	.010	.11	<.2	5.9	.06	<.01	26	.2	.04	5.6
63829	.68	21.60	9.39	50.6	60	22.5	11.4	894	2.86	6.8	.6	1.3	3.5	35.7	.11	.50	.16	69	.44	.024	12.7	34.2	.55	426.8	.057	1	1.70	.015	.05	<.2	5.0	.05	.01	23	.2	.03	5.2
63830	.65	30.63	34.69	77.9	111	28.9	12.3	597	2.67	45.6	1.0	1.8	5.3	48.2	.17	.71	.24	36	1.06	.035	20.6	22.4	.33	412.1	.021	1	1.09	.011	.09	<.2	2.9	.05	.05	25	.3	.03	2.9
63831	.53	25.08	19.06	64.6	93	25.9	10.6	458	2.62	12.1	.8	1.1	4.0	67.1	.20	.48	.22	43	1.41	.040	15.2	32.9	.54	268.8	.048	1	1.51	.017	.14	<.2	3.3	.07	.03	19	.3	.05	4.7
63832	.84	23.43	42.19	59.5	99	29.4	12.5	489	3.34	7.4	1.2	1.3	9.7	34.3	.11	.47	.45	46	.66	.033	34.5	34.8	.48	378.7	.025	1	1.61	.009	.18	<.2	4.6	.09	.02	22	.2	.02	5.6
63833	.73	31.57	28.24	66.2	69	26.8	12.2	557	3.16	25.1	1.2	1.6	9.7	31.1	.12	.65	.30	41	.81	.027	29.7	21.9	.29	553.5	.012	1	1.49	.011	.11	<.2	4.4	.08	.02	17	.3	.03	4.2
63834	.96	15.22	14.25	46.9	156	18.5	10.3	570	2.83	7.5	.9	4.1	3.3	25.6	.07	.49	.18	56	.46	.021	13.0	32.9	.41	488.2	.037	1	1.61	.012	.11	<.2	4.2	.07	<.01	21	.2	.03	5.1
63835	.83	14.32	13.07	42.4	138	20.5	10.1	497	2.52	13.5	.6	1.8	3.7	37.9	.08	.51	.17	56	.48	.015	12.1	30.6	.41	386.0	.059	1	1.56	.013	.07	<.2	3.3	.06	<.01	18	.2	.03	4.8
63836	1.06	16.45	14.17	51.9	68	20.1	9.1	433	2.61	12.5	.3	<.2	4.2	21.8	.09	.46	.22	59	.30	.031	12.8	30.9	.54	271.5	.049	2	1.46	.012	.10	<.2	3.1	.07	<.01	16	.1	.04	5.5
63837	.81	41.76	33.01	89.1	51	39.9	13.3	492	3.39	26.4	1.2	1.8	11.9	32.9	.06	.45	.41	52	.55	.030	23.4	39.6	.81	197.3	.074	<1	1.79	.010	.30	<.2	3.8	.20	.01	13	.3	.03	5.9
63838	1.20	22.09	14.99	51.8	81	23.8	10.2	1039	2.51	21.7	.6	.9	9.3	19.5	.09	.53	.16	37	.26	.021	26.9	28.4	.46	294.2	.030	1	1.47	.009	.16	<.2	2.5	.08	<.01	19	.2	.03	5.3
63839	1.01	37.87	19.00	64.5	69	32.2	9.9	236	2.93	304.6	1.2	3.5	16.9	17.0	.06	.89	.19	17	.25	.024	43.8	21.1	.36	177.2	.007	1	1.37	.003	.16	<.2	2.9	.09	<.01	15	.4	.03	3.5
63840	.41	40.48	32.10	85.8	243	24.6	9.4	466	2.31	82.1	1.1	5.8	3.7	55.9	.28	.57	.26	37	1.36	.052	15.2	22.5	.46	190.9	.027	2	1.23	.014	.08	<.2	3.4	.06	.04	44	.5	.04	3.4
63841	.59	19.04	7.91	50.7	42	17.4	6.8	251	2.01	8.5	.8	2.1	2.9	31.9	.14	.46	.12	46	.55	.063	11.3	23.8	.47	263.9	.066	2	1.12	.021	.04	.3	2.6	.04	.01	28	.3	.03	3.5
63842	.77	30.65	10.42	68.3	103	27.3	11.0	467	2.53	11.1	.6	3.1	4.1	37.2	.25	.73	.17	55	.70	.075	14.3	29.8	.67	336.6	.081	2	1.35	.027	.08	.2	3.5	.06	<.01	34	.3	.05	4.2
63843	.70	23.01	11.16	51.3	75	20.0	9.4	347	2.47	11.4	.8	2.5	4.7	26.5	.10	.58	.18	53	.33	.037	15.4	29.6	.46	322.3	.075	<1	1.49	.014	.06	.2	3.4	.05	<.01	25	.2	.04	4.5
63844	.67	28.38	17.13	55.5	51	25.5	13.5	383	2.92	12.9	.9	.9	8.9	17.2	.06	.49	.25	43	.16	.022	23.9	27.4	.40	294.0	.036	1	1.63	.007	.11	<.2	2.7	.09	<.01	19	.2	.03	5.1
63845	1.25	16.79	11.13	55.5	174	22.2	10.1	506	3.40	9.8	.6	.7	5.1	15.9	.10	.48	.18	61	.22	.041	19.5	28.4	.49	224.6	.037	<1	1.48	.006	.15	<.2	2.7	.08	<.01	13	<.1	.02	6.7
63846	.90	14.30	14.62	49.8	256	19.4	11.6	1148	2.94	15.1	.6	1.8	5.1	27.4	.08	.40	.22	53	.42	.034	17.1	28.4	.48	351.7	.038	3	1.58	.010	.21	<.2	3.6	.08	.01	17	.1	.03	5.5
63847	.70	43.12	8.30	74.0	88	19.7	16.5	824	3.96	5.2	.7	3.0	3.1	106.0	.09	.42	.11	101	1.76	.071	15.1	28.3	1.38	312.5	.078	1	2.10	.015	.26	<.2	9.1	.14	.03	26	.3	.03	7.8
63848	.72	39.26	7.67	64.8	114	26.2	12.4	517	2.67	7.4	.7	5.5	2.4	121.9	.10	.56	.12	69	3.00	.095	12.5	33.7	1.05	182.2	.080	2	1.55	.021	.12	.2	4.4	.08	.04	45	.5	.02	5.7
63849	1.07	17.34	8.04	49.9	44	17.9	11.8	524	2.80	5.7	.5	1.0	3.2	41.2	.08	.38	.14	70	.47	.024	11.1	35.6	.64	280.4	.087	<1	1.86	.012	.10	<.2	4.5	.06	<.01	12	.2	.04	7.0
63850	.56	25.93	8.96	47.3	48	21.6	11.7	528	2.62	8.8	.4	1.3	3.6	46.9	.08	.52	.15	62	.52	.024	11.9	31.3	.60	334.0	.080	1	1.47	.020	.09	<.2	5.0	.05	<.01	18	.2	.04	4.8
RE 63850	.58	26.46	9.08	48.1	54	21.3	11.7	542	2.65	8.7	.4	1.4	3.7	47.7	.07	.52	.16	61	.53	.024	11.9	29.1	.60	337.0	.078	2	1.47	.018	.09	<.2	5.0	.05	.01	15	.1	.03	4.9
63851	.50	31.68	8.79	46.1	142	22.8	9.0	453	2.12	10.6	.8	3.7	1.8	85.5	.14	.58	.12	45	1.46	.058	11.2	23.5	.50	276.4	.054	4	1.09	.019	.06	.2	2.9	.04	.04	31	.4	.03	3.4
63852	.59	34.40	23.71	66.3	77	37.2	13.6	628	2.96	25.7	.6	2.6	5.2	38.7	.17	.55	.20	69	.56	.027	27.2	51.7	.78	288.4	.066	<1	1.74	.018	.15	<.2	6.4	.08	.01	18	.2	.02	6.1
63853	.53	27.54	13.26	51.0	76	25.5	9.1	394	2.41	12.6	.4	4.0	3.4	49.6	.09	.54	.17	50	.98	.032	16.5	28.0	.51	431.2	.058	2	1.34	.017	.08	.2	3.5	.05	.01	31	.3	.04	4.2
63854	.92	21.67	10.75	45.9	30	24.9	15.7	545	3.33	7.5	.4	1.4	3.8	34.0	.07	.51	.17	86	.45	.015	8.5	64.0	.87	309.6	.065	1	2.15	.011	.08	<.2	6.2	.08	<.01	11	<.1	.04	7.4
63855	1.01	20.37	10.59	45.4	124	19.0	10.6	590	2.75	5.7	.6	.8	3.8	28.8	.08	.46	.17	59	.31	.030	13.5	30.9	.44	400.6	.051	<1	1.58	.009	.12	<.2	4.3	.07	<.01	20	.1	.03	5.4
63856	.52	21.87	7.94	40.1	21	16.4	6.4	202	2.02	5.7	.5	2.8	3.5	25.9	.04	.48	.13	54	.26	.009	14.0	27.7	.49	272.3	.085	1	1.23	.019	.04	<.2	3.5	.04	<.01	13	<.1	.03	3.9
63857	.64	31.63	22.27	71.8	43	33.1	14.7	440	3.13	8.2	.7	.9	11.4	27.2	.06	.52	.24	50	.45	.026	21.0	45.5	.73	198.0	.038	<1	1.90	.007	.18	<.2	3.4	.08	.01	9	<.1	.03	7.3
63858	1.47	25.25	61.34	75.5	243	30.2	11.4	347	3.29	18.6	.8	1.4	6.3	34.3	.13	.61	.71	66	.52	.033	19.4	35.8	.53	311.3	.020	1	1.99	.006	.14	<.2	4.7	.07	.02	13	.2	.04	7.0
STANDARD	14.36	129.39	33.26	160.8	273	36.5	12.0	837	3.10	57.4	20.7	202.4	3.6	28.1	10.42	10.24	10.81	74	.53	.090	15.8	162.6	.60	153.6	.096	2	1.73	.032	.16	7.3	3.2	1.78	.03	231	2.0	1.84	5.9

Standard is STANDARD DS2.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 13 2000 **DATE REPORT MAILED:** July 23/00 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
63859	.77	17.28	13.87	58.2	210	26.1	12.6	746	2.81	17.6	.5	.9	3.3	29.8	.09	.39	.23	57	.34	.044	23.9	35.2	.61	359.7	.055	1	1.64	.007	.26	<.2	2.7	.10	.02	14	<.1	.03	5.9
63860	1.50	45.62	60.40	233.2	312	38.3	11.0	319	3.18	78.7	.5	4.9	3.6	11.0	.55	.83	.27	69	.10	.023	10.3	36.4	.49	283.7	.050	2	2.37	.006	.10	<.2	2.5	.08	.02	26	.1	.04	6.2
63861	.96	22.95	32.30	56.5	199	24.0	9.5	301	3.09	30.5	.5	2.7	4.7	13.1	.07	.66	.55	66	.12	.018	11.5	36.4	.49	265.1	.048	<1	2.23	.006	.05	<.2	2.8	.09	<.01	26	.2	.04	6.2
63862	.97	52.03	27.06	112.6	36	36.7	13.9	231	4.87	28.2	1.2	2.3	10.2	13.4	.04	.49	.34	72	.11	.023	25.5	44.8	.71	212.1	.120	<1	2.98	.007	.33	<.2	4.5	.24	.01	13	.1	.06	10.3
63863	.56	31.64	11.16	56.5	103	23.3	9.9	380	2.32	11.4	.9	2.2	3.7	31.8	.25	.55	.17	48	.52	.046	13.6	26.9	.49	325.7	.074	2	1.41	.016	.06	.2	3.1	.05	.02	31	.4	.02	4.3
63864	.80	22.35	7.18	55.7	109	19.8	7.7	350	2.05	7.8	.5	2.7	2.4	32.7	.16	.56	.13	45	.56	.064	10.2	23.4	.48	310.9	.060	<1	1.13	.016	.05	.2	2.4	.04	.02	29	.3	.02	3.5
63865	.73	28.95	7.68	59.0	46	26.9	9.8	441	2.35	9.1	.5	2.8	3.2	31.1	.17	.62	.16	56	.57	.078	11.5	26.8	.62	288.8	.080	3	1.20	.030	.07	.3	2.8	.05	.01	26	.2	.02	3.7
63866	.66	16.65	9.87	50.2	69	15.9	9.7	426	2.20	11.0	.6	5.0	3.3	25.0	.14	.43	.14	48	.37	.054	11.9	25.2	.43	266.8	.056	1	1.25	.020	.04	.3	2.4	.05	.02	34	.2	.03	3.8
63867	.65	23.98	7.76	54.5	84	23.8	8.9	359	2.09	8.7	.4	1.9	2.8	33.4	.18	.62	.14	43	.73	.058	9.3	24.2	.62	324.4	.058	1	1.12	.021	.05	<.2	2.5	.04	.02	33	.3	.03	3.3
63868	.75	24.21	10.39	56.8	68	15.5	10.2	426	2.61	6.7	.9	3.0	4.1	40.1	.11	.43	.15	54	.31	.054	14.0	25.0	.47	686.5	.062	1	1.53	.010	.06	.2	3.9	.07	<.01	31	.2	.02	5.0
63869	.78	26.03	12.49	75.4	147	23.4	10.8	671	2.62	7.4	1.0	3.1	4.6	158.3	.21	.50	.18	57	.75	.057	15.7	34.0	.57	936.6	.066	<1	1.74	.010	.07	.2	4.3	.08	.03	53	.2	.03	5.6
63870	.65	25.44	12.07	66.4	135	22.7	11.2	591	2.79	7.1	.9	3.0	4.2	84.1	.19	.45	.17	69	.71	.054	15.9	37.1	.66	698.3	.090	2	1.89	.012	.07	<.2	4.5	.09	<.01	39	.2	.04	6.3
63871	.62	28.33	16.87	80.2	170	21.0	12.4	601	2.67	46.3	1.1	6.1	4.6	71.5	.20	.57	.22	60	.74	.067	14.7	28.1	.65	272.0	.077	1	1.35	.017	.08	.2	4.2	.08	<.01	31	.3	.04	4.4
63872	.34	19.63	17.00	71.4	58	20.5	10.0	516	2.32	14.0	.7	9.2	4.1	66.6	.09	.33	.13	47	.95	.085	17.8	29.8	.65	222.0	.072	<1	1.24	.018	.11	.2	2.8	.07	.03	21	.2	.02	4.2
63873	.81	22.95	10.81	56.6	53	33.4	14.0	495	3.03	12.2	.6	1.1	5.9	30.7	.06	.47	.18	61	.46	.020	15.5	41.0	.70	261.4	.114	1	1.87	.011	.29	<.2	3.9	.13	.01	18	.2	.05	6.0
63874	1.28	16.49	22.02	50.3	45	21.8	8.7	214	2.73	22.2	.7	.4	6.0	34.2	.07	.45	.20	46	.38	.012	17.2	33.1	.49	204.9	.064	<1	1.54	.011	.19	<.2	2.2	.11	.01	8	.1	.03	5.7
63875	1.45	35.98	25.08	162.2	84	32.2	14.0	502	3.15	26.0	.6	.4	6.8	32.8	.14	.84	.26	59	.41	.027	20.9	36.0	.56	279.3	.038	<1	1.82	.009	.20	<.2	4.0	.08	<.01	19	.2	.04	6.0
63876	.66	33.04	10.96	47.7	85	28.1	11.6	477	2.65	11.7	.4	5.4	4.3	45.7	.05	.68	.16	61	.50	.013	15.3	30.5	.58	289.9	.089	2	1.50	.016	.13	.2	4.5	.06	<.01	24	.2	.03	4.5
63877	.78	21.86	29.69	54.9	235	26.6	13.1	388	3.23	10.3	.4	1.7	4.9	26.4	.04	.52	.30	76	.37	.018	14.5	50.1	.67	246.0	.103	<1	2.13	.009	.21	<.2	5.8	.09	<.01	15	<.1	.02	6.6
63878	.76	19.23	11.98	51.3	57	25.2	10.5	279	2.80	12.0	.6	4.3	5.2	25.6	.07	.58	.16	63	.24	.022	11.4	38.3	.55	263.2	.090	<1	1.69	.009	.12	<.2	3.8	.07	<.01	18	.2	.04	5.2
63879	1.11	31.97	18.53	96.4	44	38.8	17.7	569	4.08	79.0	1.9	1.0	15.8	16.7	.04	.73	.16	39	.11	.018	36.3	33.3	.51	144.6	.062	<1	1.65	.006	.30	<.2	4.2	.17	.01	12	.4	.05	5.3
63880	.81	23.94	16.30	81.0	79	39.4	15.2	360	3.63	20.2	1.2	1.9	10.4	19.8	.04	.48	.14	50	.21	.015	26.2	40.0	.70	156.9	.092	<1	1.72	.006	.39	<.2	3.0	.18	.01	7	<.1	.03	6.0
63881	.74	10.99	12.48	36.6	101	18.5	11.6	623	2.37	7.3	.4	1.5	4.0	21.2	.05	.42	.17	51	.23	.019	12.7	26.5	.40	217.0	.059	<1	1.35	.009	.14	<.2	2.0	.08	.01	13	<.1	.03	4.8
63882	.78	10.81	8.85	46.7	168	20.0	9.0	193	2.51	8.0	.5	1.5	4.8	12.4	.04	.43	.14	51	.13	.015	16.4	28.2	.47	219.4	.063	1	1.36	.007	.08	<.2	2.0	.07	.01	12	<.1	.03	5.1
63883	.90	12.17	18.57	56.7	156	19.7	6.7	326	2.88	31.7	.7	1.4	7.8	12.8	.12	.42	.18	45	.11	.043	23.4	21.5	.35	183.0	.023	<1	1.35	.005	.09	<.2	1.7	.07	<.01	11	<.1	.04	5.7
63884	.64	23.88	11.70	57.4	84	29.0	11.3	273	2.85	9.1	.7	1.9	5.5	22.0	.07	.64	.17	64	.23	.012	20.2	40.8	.60	310.7	.082	<1	2.05	.009	.05	<.2	4.1	.08	<.01	14	.1	.03	6.0
63885	.51	30.03	11.88	44.9	86	23.2	8.9	215	2.41	9.1	.9	4.3	4.7	23.8	.04	.62	.16	56	.33	.020	16.1	30.9	.51	279.5	.086	1	1.69	.016	.05	<.2	4.2	.05	<.01	28	.1	.03	4.8
RE 63865	.74	28.31	8.34	59.7	42	25.8	10.1	444	2.34	9.1	.5	1.8	3.5	34.9	.17	.65	.14	55	.61	.082	12.4	28.7	.63	293.2	.082	1	1.24	.033	.07	.2	3.1	.05	.01	23	.2	.03	4.0
63886	.80	16.37	10.89	38.0	37	18.4	7.2	193	2.29	9.8	.4	.8	3.1	17.3	.04	.40	.15	53	.20	.011	9.3	27.8	.46	192.3	.078	<1	1.50	.009	.05	<.2	2.1	.07	<.01	10	<.1	.04	5.4
63887	.76	17.64	11.44	49.7	48	19.8	7.8	207	2.42	13.7	.5	1.7	4.8	16.7	.07	.58	.17	49	.18	.022	15.3	29.5	.50	189.0	.086	<1	1.54	.009	.06	.2	2.2	.06	<.01	17	.1	.03	5.1
63888	.53	18.04	10.51	46.1	56	22.3	7.6	228	2.37	16.1	.5	1.6	4.2	26.5	.05	.49	.15	51	.33	.031	13.7	32.9	.53	203.0	.097	<1	1.43	.013	.09	<.2	2.7	.07	.02	17	<.1	.03	4.7
63889	1.11	26.70	12.43	49.0	136	30.4	13.7	397	3.00	46.5	.8	11.0	8.0	23.4	.09	.88	.15	48	.33	.017	23.1	29.7	.40	180.6	.036	<1	1.68	.008	.13	<.2	3.4	.07	.01	31	.3	.05	4.8
63890	1.29	12.36	14.31	55.9	98	28.8	12.9	310	3.39	29.8	.6	1.8	8.8	25.8	.06	.54	.16	47	.31	.046	22.4	32.2	.47	243.7	.024	1	1.81	.007	.22	<.2	2.7	.11	.02	10	<.1	.03	5.8
63891	1.17	15.16	13.18	45.5	101	22.6	12.1	672	2.70	20.2	.4	.7	4.6	20.7	.08	.46	.16	53	.26	.024	13.1	30.5	.46	297.1	.049	<1	1.62	.008	.13	<.2	2.7	.08	.01	11	<.1	.05	5.2
STANDARD DS2	13.91	122.18	30.85	157.5	275	33.8	11.3	800	2.97	53.1	19.7	203.2	3.4	25.9	9.74	9.63	10.21	73	.52	.086	14.7	147.0	.58	146.0	.093	1	1.64	.028	.15	6.9	2.8	1.75	.02	229	2.2	1.86	5.7

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
63892	.79	29.45	18.95	53.5	69	31.8	11.9	320	3.05	10.9	1.1	2.3	6.8	22.6	.05	.62	.21	59	.26	.035	20.1	41.6	.62	165.0	.111	3	1.87	.010	.25	<.2	4.9	.14	.03	21	.3	.04	5.6
63893	.71	14.88	11.42	45.9	78	25.4	10.6	285	2.53	7.9	.4	.9	4.9	20.9	.04	.47	.17	54	.25	.020	12.2	35.5	.50	192.9	.070	1	1.64	.007	.15	<.2	2.9	.08	.02	10	<.1	.02	4.8
63894	.83	30.87	65.11	49.1	110	47.6	14.4	606	3.09	33.3	.7	.7	7.5	20.5	.05	.70	.80	48	.32	.019	16.3	49.5	.63	205.2	.076	2	1.75	.006	.35	.2	4.0	.15	.03	11	.3	.04	5.9
63895	.84	15.63	10.26	40.9	91	24.8	9.8	339	2.57	11.0	.6	1.5	4.6	19.9	.05	.48	.15	59	.29	.021	13.3	37.8	.46	232.7	.087	1	1.64	.010	.10	.2	3.9	.07	.02	14	.2	.02	4.9
63896	.67	13.22	10.54	41.0	78	22.9	11.0	404	2.54	6.5	.5	.3	5.3	19.9	.04	.40	.14	50	.26	.013	15.1	32.2	.52	243.3	.089	2	1.54	.009	.22	.2	3.0	.09	.01	14	.1	.02	4.7
63897	.71	15.39	10.54	43.1	105	24.0	12.1	460	2.52	9.0	.5	.6	4.1	23.4	.05	.47	.15	56	.36	.019	12.5	32.6	.47	271.9	.082	2	1.54	.010	.14	<.2	3.8	.06	.01	17	.1	.03	4.7
63898	.83	24.43	50.85	53.9	266	32.8	12.5	372	3.16	11.2	.8	1.3	6.6	30.0	.07	.65	.41	68	.32	.027	16.5	43.3	.57	256.6	.105	2	2.15	.008	.19	.2	5.1	.09	.01	22	.2	.04	6.1
64600	.71	27.53	19.11	62.8	56	34.4	15.6	617	3.20	25.6	.6	1.1	8.5	39.4	.07	.55	.22	57	.45	.020	21.4	40.6	.72	208.0	.120	2	2.06	.011	.35	<.2	4.7	.16	.03	14	.2	.03	6.4
64601	.72	27.08	17.45	69.8	120	27.3	12.7	699	2.83	45.7	1.1	5.5	4.3	201.4	.16	.55	.17	52	2.42	.075	21.0	25.3	.75	191.5	.064	3	1.44	.018	.16	<.2	3.8	.11	.05	25	.4	.03	4.6
64603	.61	16.71	8.15	53.4	69	17.5	8.2	442	1.95	8.5	.6	2.7	2.5	41.1	.20	.47	.12	43	.54	.063	11.1	21.8	.45	249.8	.062	1	1.07	.019	.04	.2	2.3	.05	.02	31	.3	.02	3.3
64604	.54	15.92	16.35	67.2	76	17.4	10.9	545	2.29	14.7	.6	6.8	4.7	26.9	.14	.31	.16	43	.31	.050	16.6	25.3	.47	177.1	.069	1	1.39	.009	.12	.2	2.3	.09	.01	27	.2	.02	4.7
64605	.59	7.26	9.10	23.7	68	5.6	2.3	92	1.38	5.2	.3	1.6	.1	6.5	.26	.23	.16	46	.05	.034	5.3	12.7	.11	71.6	.037	<1	.71	.007	.03	<.2	.6	.04	.03	26	.2	.04	4.7
64606	.34	18.55	5.60	35.4	181	12.0	4.3	194	1.07	4.5	.9	4.6	1.0	176.4	.19	.28	.11	14	1.35	.081	24.3	14.5	.22	269.8	.022	2	.83	.009	.04	<.2	1.7	.05	.13	78	.4	.03	2.5
64607	1.00	30.48	17.43	37.9	47	35.0	8.5	370	2.71	32.8	.4	.7	5.1	10.9	.08	.44	.18	46	.11	.039	7.8	44.7	.81	84.8	.094	<1	1.61	.005	.15	<.2	2.1	.16	<.01	10	.1	.03	6.6
64608	.64	25.33	8.73	57.6	20	18.4	9.9	319	2.93	7.4	.6	6.3	4.2	34.3	.05	.48	.12	74	.27	.030	17.2	31.6	.78	556.8	.090	1	1.91	.011	.05	<.2	4.9	.08	<.01	12	.2	.02	6.2
64609	.93	12.32	13.01	32.9	88	11.1	4.6	141	1.88	4.8	.4	1.4	1.7	20.2	.08	.32	.15	60	.09	.026	9.4	20.1	.26	109.7	.091	1	1.09	.011	.03	<.2	1.6	.09	.01	19	.1	.03	6.1
64610	.73	24.68	11.89	58.7	32	19.5	9.6	330	2.63	8.5	.8	2.5	4.5	44.4	.07	.46	.13	60	.28	.038	18.2	30.6	.57	564.3	.085	<1	1.70	.011	.07	<.2	4.3	.08	<.01	21	.2	.02	5.2
76113	.44	23.36	19.79	59.6	93	20.3	14.7	810	2.78	17.4	1.1	2.7	3.8	51.0	.12	.48	.20	58	.86	.044	15.0	29.7	.63	391.1	.056	<1	1.58	.014	.04	<.2	3.8	.06	.03	34	.4	.05	5.2
76114	.68	33.02	16.95	75.6	105	40.3	15.3	531	2.95	23.0	.9	4.8	6.7	42.1	.11	.56	.24	54	.59	.046	22.2	45.9	.74	284.2	.061	1	1.60	.015	.07	<.2	5.0	.08	.01	35	.3	.03	5.6
76115	.56	17.92	9.74	48.8	102	16.9	8.4	223	2.28	17.4	.5	2.9	3.5	31.0	.09	.32	.16	53	.39	.036	13.4	24.4	.56	181.7	.060	2	1.47	.013	.06	<.2	2.6	.07	.03	19	<.1	.02	5.3
76116	.63	19.06	13.28	63.1	108	17.1	7.9	191	2.20	15.0	.4	1.1	4.8	23.3	.07	.50	.18	46	.34	.028	16.1	23.5	.46	161.9	.057	<1	1.20	.010	.06	<.2	2.2	.06	.01	15	.2	.02	4.9
76117	.77	23.48	13.34	59.0	114	30.7	12.3	334	3.12	18.8	.6	3.0	6.0	23.3	.07	.42	.19	57	.26	.034	19.8	37.7	.69	165.9	.046	1	1.81	.010	.10	<.2	2.9	.07	.01	22	.2	.02	5.9
76118	.34	30.22	25.35	77.0	95	27.3	11.6	494	2.69	10.5	.8	7.0	7.1	45.2	.18	.49	.25	49	.77	.046	28.8	26.8	.55	339.6	.030	<1	1.64	.012	.11	<.2	5.0	.08	.04	52	.3	.04	5.0
RE 76118	.36	30.93	25.18	76.9	98	27.0	11.5	490	2.70	10.5	.8	4.9	7.2	45.0	.18	.48	.25	49	.74	.044	28.9	29.4	.56	343.7	.032	<1	1.67	.013	.12	<.2	5.0	.08	.03	42	.3	.04	5.0
76119	.81	39.40	10.43	52.9	45	23.8	15.8	306	3.06	8.0	.6	2.1	3.9	19.2	.06	.42	.15	72	.21	.023	12.2	36.6	.71	253.6	.099	1	2.04	.012	.06	<.2	3.0	.08	.02	20	.2	.02	5.7
76120	.97	32.87	10.10	73.7	37	31.6	12.2	778	3.15	3.4	.3	.3	1.0	17.5	.09	.20	.12	114	.19	.055	3.9	59.3	1.22	312.2	.184	1	1.73	.012	.38	<.2	3.0	.18	.02	10	.2	.04	9.4
76121	.51	18.16	9.58	44.1	22	17.2	7.9	208	2.26	5.5	.5	.6	2.8	24.6	.04	.37	.15	57	.27	.029	9.9	28.6	.52	433.2	.070	1	1.54	.010	.04	<.2	2.6	.07	.01	13	<.1	.02	5.4
76122	.72	31.34	9.80	52.8	16	35.8	12.7	295	2.96	9.1	1.0	3.9	4.7	16.2	.06	.50	.16	77	.15	.016	18.5	58.7	.84	309.4	.125	<1	2.19	.010	.07	<.2	4.3	.11	.01	14	.2	.02	6.7
76123	.79	22.28	6.95	87.1	27	36.0	19.3	685	4.00	4.7	.7	<.2	6.8	47.2	.04	.21	.09	96	.43	.156	8.5	70.8	2.18	168.0	.248	<1	2.93	.007	.50	.2	2.0	.36	.01	11	.1	.03	9.9
76124	.86	27.36	16.68	61.0	142	22.4	11.1	502	2.48	15.9	1.1	1.6	3.7	56.3	.15	.60	.21	46	1.04	.051	16.9	25.1	.51	390.9	.024	<1	1.47	.014	.05	<.2	3.5	.07	.06	48	.3	.04	4.9
76125	1.80	26.15	17.10	86.6	57	22.9	9.8	390	2.89	25.6	.6	.6	6.2	21.8	.08	.46	.28	58	.31	.034	21.5	27.9	.64	126.8	.037	1	1.49	.006	.11	<.2	3.1	.08	.03	14	.2	.04	6.8
76126	.72	22.57	16.21	63.3	45	26.6	11.4	319	2.93	21.1	.9	2.6	7.2	26.9	.04	.47	.19	55	.32	.025	19.0	35.8	.53	255.9	.056	<1	1.93	.010	.06	<.2	3.3	.09	.01	17	.2	.03	5.5
76127	.97	17.96	14.14	56.9	22	23.2	10.0	259	3.24	12.6	.4	1.6	4.0	11.7	.09	.55	.17	68	.11	.019	11.4	39.0	.54	154.7	.063	<1	2.24	.007	.05	<.2	2.8	.08	.02	13	.2	.04	6.7
76128	.86	42.00	16.61	71.4	19	32.0	17.0	390	3.59	23.2	.8	2.5	11.1	7.4	.08	.53	.18	50	.06	.019	26.4	42.3	.70	154.7	.057	<1	2.17	.006	.13	<.2	3.2	.11	.01	18	.2	.03	7.1
STANDARD DS2	14.09	126.53	32.63	159.1	266	36.0	11.9	829	3.09	58.8	20.3	203.7	3.6	27.2	9.90	9.99	10.63	73	.53	.090	15.5	156.1	.60	150.8	.095	3	1.68	.030	.16	7.0	2.9	1.79	.04	221	2.2	1.86	5.9

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76129	.94	12.99	11.19	39.7	51	16.7	6.2	195	2.70	11.6	.4	.9	4.0	10.8	.04	.51	.19	65	.09	.017	13.0	26.2	.36	120.1	.057	3	1.82	.006	.04	<.2	2.2	.08	.02	11	.1	.04	6.8
76130	1.00	14.59	10.17	48.6	56	19.4	6.5	214	3.05	63.9	.5	7.4	6.2	12.0	.06	.54	.21	62	.10	.021	18.4	29.3	.47	145.4	.042	3	1.69	.006	.07	<.2	2.1	.10	.01	7	.1	.04	7.1
76131	1.05	20.20	11.87	63.6	311	18.4	9.0	304	3.37	13.6	.3	1.5	2.3	11.6	.13	.56	.25	79	.14	.035	8.3	32.3	.57	125.1	.042	6	2.09	.007	.10	<.2	2.7	.08	.01	13	.2	.04	7.3
76132	.96	10.59	11.56	50.2	205	13.5	8.8	595	2.53	4.7	.3	1.4	3.3	11.0	.06	.39	.19	59	.12	.021	11.0	23.2	.36	211.5	.034	4	1.31	.008	.06	<.2	1.6	.08	<.01	20	.1	.03	5.9
76133	1.01	29.71	10.62	67.8	152	30.9	11.2	491	4.55	6.3	.3	.5	2.4	21.6	.07	.35	.19	102	.12	.065	7.7	57.3	.92	167.5	.254	5	2.11	.007	.47	.2	3.4	.23	.06	10	.2	.06	11.1
76134	.72	18.74	14.70	70.2	72	18.0	13.3	734	2.66	16.0	.8	8.4	4.2	48.2	.23	.45	.18	52	.73	.067	14.3	29.0	.57	243.9	.047	5	1.39	.013	.05	.2	3.2	.06	.03	34	.3	.04	4.7
76135	.55	22.30	14.24	70.2	113	22.5	10.6	425	2.54	18.2	1.1	3.0	4.9	44.7	.12	.42	.20	50	.65	.055	18.3	31.5	.60	265.3	.055	2	1.55	.013	.06	.2	3.6	.07	.02	30	.3	.03	5.0
76136	.42	29.06	23.22	107.7	116	24.3	12.1	436	2.66	23.0	1.4	3.1	5.9	44.1	.24	.54	.21	51	.65	.067	20.7	30.6	.61	253.9	.054	4	1.64	.013	.07	<.2	3.7	.07	.01	41	.3	.04	5.3
76137	.38	22.65	12.51	71.3	68	20.1	8.6	227	2.49	12.5	.8	1.8	4.7	45.7	.14	.52	.16	59	.69	.075	15.3	33.7	.73	204.4	.072	2	1.49	.017	.07	.2	3.3	.06	.02	34	.3	.03	5.2
76138	.36	23.41	14.51	73.8	75	26.1	17.9	654	3.49	20.0	.6	2.0	4.7	45.5	.10	.38	.15	75	.78	.057	15.2	50.3	1.05	198.1	.089	5	1.93	.014	.13	<.2	4.9	.09	.02	27	.3	.02	6.9
76139	.38	18.53	16.18	93.0	53	25.9	14.1	573	3.03	16.1	.6	1.2	5.2	44.7	.13	.42	.13	60	.76	.083	20.5	41.9	1.02	162.1	.050	4	1.61	.011	.11	<.2	4.0	.07	.02	24	.3	.03	6.5
76140	.50	12.91	6.54	47.0	43	13.8	6.8	231	1.85	4.1	.4	2.6	2.3	25.4	.09	.26	.10	46	.39	.055	9.6	23.2	.52	193.5	.081	2	1.12	.016	.05	.2	2.3	.05	<.01	20	.1	.02	3.9
76141	.75	47.25	5.75	69.6	261	35.2	17.5	2322	2.77	3.1	2.0	2.1	2.9	146.9	.31	.35	.13	71	1.69	.100	33.2	67.5	1.10	1012.7	.090	5	1.88	.017	.21	<.2	7.9	.15	.08	63	.4	.02	5.8
76142	.66	32.27	7.70	62.1	92	26.9	11.7	455	2.82	4.0	.6	.7	3.3	35.2	.07	.23	.16	85	.33	.057	11.3	49.5	1.05	476.3	.156	4	1.90	.013	.24	.2	3.9	.11	<.01	22	.1	.04	8.3
76143	.59	25.68	9.31	55.8	190	27.7	9.0	253	2.54	4.7	1.3	2.4	4.3	35.7	.09	.28	.17	67	.41	.041	16.8	51.5	.77	383.1	.108	2	1.88	.014	.08	<.2	3.9	.10	.01	38	.2	.04	7.4
76144	.77	31.51	6.44	63.7	107	26.8	14.5	566	3.01	2.7	.6	1.7	3.8	55.2	.06	.21	.12	80	.77	.150	13.4	68.3	1.45	436.4	.171	4	2.20	.012	.29	.2	3.2	.24	.01	18	.1	.02	8.8
76145	.54	32.38	8.55	73.0	46	44.4	16.3	588	3.31	6.0	.6	1.0	3.9	26.7	.07	.27	.12	97	.41	.062	15.7	72.8	1.41	385.4	.180	5	2.41	.011	.37	<.2	4.8	.16	.01	21	.1	.04	8.7
76146	.98	36.07	20.21	66.0	23	28.8	11.7	257	3.70	31.1	.6	2.3	8.8	13.1	.05	.53	.21	63	.12	.020	22.5	44.6	.66	158.5	.037	6	2.54	.007	.09	<.2	3.3	.13	.01	14	.1	.03	7.5
76147	.88	12.55	7.97	30.1	38	9.3	3.6	98	1.67	12.8	.5	.7	5.2	9.8	.05	.27	.17	47	.08	.017	22.4	15.2	.18	84.7	.038	2	1.00	.005	.05	<.2	1.5	.09	.02	8	<.1	.03	6.2
76148	.96	14.08	16.13	47.7	42	16.1	7.1	211	2.80	14.6	.5	1.9	5.7	14.0	.06	.42	.21	64	.13	.017	19.1	29.7	.38	139.4	.046	4	2.00	.007	.06	<.2	2.4	.10	<.01	13	<.1	.05	7.0
76149	.68	19.77	19.27	69.6	43	24.5	9.5	398	3.03	14.5	.6	1.7	5.9	22.2	.05	.43	.21	58	.24	.027	22.8	35.4	.57	142.2	.051	5	2.02	.007	.09	<.2	2.6	.08	.02	18	.1	.04	6.9
76150	.99	28.72	16.59	72.6	37	40.5	12.4	343	3.67	15.0	.9	3.7	5.9	15.6	.05	.38	.25	77	.17	.025	14.6	59.4	.80	126.3	.097	6	2.33	.007	.12	<.2	3.2	.14	.01	20	.2	.04	9.4
76151	1.12	28.24	18.80	55.3	228	28.5	9.6	305	3.10	19.3	1.1	3.5	5.2	29.2	.09	.43	.29	76	.35	.029	37.3	42.6	.48	270.7	.069	5	2.44	.011	.06	.2	3.9	.12	.03	32	.1	.05	9.0
76152	1.07	30.01	20.52	51.0	169	21.4	7.5	235	2.73	13.8	1.3	2.1	2.3	22.8	.08	.36	.26	61	.22	.039	29.6	29.9	.38	200.2	.054	4	2.04	.012	.09	<.2	2.8	.10	.03	38	.2	.04	7.9
76153	1.09	28.37	17.30	79.7	111	33.7	15.9	578	3.53	16.0	1.1	3.7	8.7	38.0	.07	.40	.23	68	.52	.059	30.5	48.7	.79	268.6	.080	5	2.45	.012	.09	<.2	4.0	.14	.01	22	.2	.04	8.5
76154	.66	22.46	15.63	67.9	112	26.7	11.5	445	2.83	18.8	1.3	2.9	7.4	40.2	.06	.35	.22	52	.63	.052	23.9	39.8	.68	236.0	.070	4	1.98	.012	.09	<.2	3.7	.10	.02	35	.1	.04	6.6
76155	1.11	17.04	16.47	66.2	139	19.2	12.8	692	2.66	25.8	1.0	2.3	4.3	35.6	.15	.45	.22	53	.51	.055	18.4	27.3	.55	242.3	.047	4	1.56	.013	.06	.2	2.7	.08	.04	45	.3	.03	5.3
RE 76155	1.14	17.25	16.39	66.0	137	19.0	12.6	703	2.68	25.9	1.0	2.5	4.2	35.5	.15	.46	.21	53	.51	.055	18.0	28.6	.55	244.4	.045	4	1.57	.012	.06	.2	2.7	.08	.04	45	.3	.04	5.3
76156	.79	19.21	8.14	57.5	68	20.5	11.8	517	2.26	6.5	.7	3.7	2.6	28.7	.18	.41	.13	56	.49	.066	11.4	31.5	.58	311.1	.076	2	1.28	.018	.06	.3	2.8	.06	.04	28	.1	<.02	4.3
76157	.71	24.24	7.75	67.5	98	26.3	10.9	429	2.52	4.9	.8	1.3	2.7	45.5	.14	.29	.14	67	.67	.051	13.3	47.1	.90	526.5	.109	3	1.67	.015	.09	.2	3.6	.09	.03	38	.2	.04	6.4
76158	.49	28.72	8.03	61.0	72	24.3	11.2	394	2.47	4.7	1.2	1.2	5.1	39.2	.11	.29	.19	62	.54	.075	18.0	49.3	.89	408.1	.095	3	1.64	.013	.06	.2	3.7	.08	.02	34	<.1	<.02	5.9
76159	.51	23.48	8.76	60.7	73	21.5	11.2	447	2.41	5.1	1.0	4.1	3.6	38.6	.09	.32	.15	61	.51	.057	12.9	39.1	.77	351.0	.087	2	1.57	.013	.05	.2	3.2	.07	.03	37	.2	.03	5.7
76160	.69	23.10	7.35	56.8	83	18.7	9.4	403	2.24	4.7	.7	1.3	2.1	60.9	.14	.27	.13	58	.57	.054	12.4	34.6	.67	552.6	.073	1	1.41	.013	.05	.2	3.0	.07	.05	26	.1	.02	5.3
76161	.69	15.37	8.17	52.5	51	17.3	9.2	305	2.21	6.9	.6	1.5	2.8	33.3	.12	.43	.13	56	.40	.050	11.0	27.0	.55	317.3	.069	1	1.33	.016	.04	.2	2.5	.06	.02	28	.1	.03	4.6
STANDARD	14.17	128.80	33.68	161.3	253	36.0	11.9	842	3.13	57.8	20.9	198.8	3.6	28.1	10.44	10.06	11.20	74	.54	.092	15.9	156.3	.61	151.2	.097	4	1.72	.031	.15	7.1	3.1	1.89	.02	226	2.2	1.93	6.2

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76162	.52	16.44	7.55	51.2	54	16.4	8.4	356	2.00	5.4	.6	1.3	2.6	36.4	.14	.38	.13	45	.46	.063	10.1	25.1	.52	311.8	.065	1	1.12	.014	.05	.2	2.4	.04	.03	24	.2	.02	3.7
76163	.74	14.36	12.33	70.5	62	17.3	9.8	356	2.42	11.5	.6	1.6	4.1	28.5	.12	.30	.17	50	.44	.050	13.5	27.7	.55	211.6	.059	2	1.44	.009	.04	.2	2.4	.07	.02	21	.2	.03	5.0
76164	.70	15.04	10.53	58.5	74	17.6	8.2	240	2.42	13.6	.6	2.2	3.9	24.9	.11	.34	.15	50	.39	.057	13.0	29.5	.56	174.1	.065	2	1.44	.011	.06	.2	2.4	.06	.02	23	.2	.02	4.9
76165	.62	14.42	10.98	56.3	61	18.2	7.6	222	2.31	12.0	.6	5.7	4.5	23.4	.07	.31	.15	46	.32	.045	13.1	28.5	.54	147.4	.064	1	1.36	.010	.09	.2	2.1	.07	.02	24	.2	.02	4.9
76166	.46	30.33	9.20	54.9	83	30.3	11.0	532	2.49	8.1	.5	3.7	3.8	34.5	.07	.53	.14	60	.59	.064	13.9	29.0	.65	380.1	.094	1	1.37	.027	.08	.2	3.4	.05	.01	33	.2	.04	4.2
76167	.50	28.29	10.99	60.9	91	27.5	9.7	365	2.71	7.2	1.0	10.8	5.5	32.9	.12	.51	.19	66	.54	.032	16.4	38.6	.75	353.1	.102	1	1.81	.024	.11	<.2	4.4	.06	.02	25	.3	.03	5.8
76168	.72	25.86	8.49	56.3	68	23.4	14.1	489	2.98	8.1	.7	1.4	4.3	30.3	.07	.52	.15	74	.52	.015	8.2	41.4	.76	341.7	.111	2	2.04	.013	.10	<.2	4.5	.06	.01	16	.2	.04	6.3
76169	.98	20.17	34.38	89.7	62	39.6	17.2	402	3.81	6.3	.8	.5	8.8	19.8	.09	.36	.63	65	.31	.030	11.8	43.6	.86	247.4	.196	1	2.29	.011	.54	<.2	3.2	.29	.01	9	.2	.03	7.6
76170	.94	26.07	11.20	59.5	68	27.8	12.2	300	2.80	10.7	.5	2.2	5.9	23.2	.09	.48	.21	60	.41	.017	11.5	42.8	.67	218.3	.102	1	1.82	.011	.11	<.2	3.2	.08	.01	20	.2	.04	5.7
76171	1.00	25.93	9.73	56.9	50	92.1	17.4	621	3.30	21.0	.6	<.2	5.1	24.3	.07	.53	.18	66	.34	.027	11.9	110.7	1.21	277.0	.110	2	2.01	.011	.16	<.2	3.5	.11	.01	17	.2	.03	8.0
76172	.94	20.88	9.73	64.4	21	37.0	12.1	305	3.00	5.5	.3	.2	2.1	17.9	.11	.31	.14	84	.21	.050	6.2	80.1	1.16	239.1	.085	1	2.10	.010	.09	<.2	4.0	.07	<.01	<5	.1	.04	8.3
76173	.56	30.16	15.10	66.5	117	26.3	10.7	371	2.57	14.0	1.0	3.9	4.7	39.9	.14	.52	.17	57	.73	.064	17.5	34.0	.67	291.8	.085	4	1.53	.024	.08	.2	3.8	.06	.02	36	.4	.03	4.7
76174	.45	17.04	8.30	59.3	63	19.2	9.3	362	2.07	5.6	.6	1.6	3.0	39.7	.12	.32	.11	49	.59	.065	13.0	30.0	.65	255.5	.080	2	1.27	.016	.08	.2	2.7	.06	.02	23	.2	.04	4.3
76175	.68	23.44	23.30	86.8	45	34.8	21.0	872	3.13	37.4	.7	3.4	8.3	16.7	.09	.34	.20	53	.26	.061	22.5	44.1	.77	133.1	.095	2	1.77	.010	.18	.2	2.6	.13	.01	13	.2	.03	6.3
76176	.67	21.69	15.09	64.2	50	22.2	9.7	313	2.75	15.9	.6	1.4	5.4	18.3	.07	.42	.19	57	.22	.036	17.3	30.5	.49	98.2	.084	1	1.54	.009	.14	.2	2.2	.11	.02	13	.2	.04	5.6
76177	.55	13.50	10.17	57.9	55	17.1	9.4	425	2.11	12.5	.6	1.9	4.0	38.8	.12	.27	.11	41	.53	.056	16.7	23.6	.50	160.4	.061	1	1.17	.013	.08	.2	2.3	.05	.02	21	.2	.03	4.1
76178	.95	16.88	14.44	41.6	163	16.0	7.3	272	2.12	16.3	1.0	1.8	5.3	35.7	.11	.28	.19	45	.44	.023	23.4	25.1	.37	183.1	.068	3	1.38	.011	.09	<.2	2.6	.08	.01	34	.2	.04	5.7
76179	.58	16.61	10.27	54.5	67	19.8	7.7	244	2.26	15.2	.7	1.2	5.0	26.5	.06	.29	.14	44	.32	.033	18.9	28.7	.51	175.9	.066	2	1.44	.010	.06	<.2	2.4	.06	.01	20	.1	.02	4.9
76180	.66	16.46	10.71	52.7	35	20.0	8.4	221	2.46	10.1	.6	3.4	4.5	17.6	.05	.38	.15	54	.22	.026	15.2	32.5	.53	176.4	.079	2	1.73	.010	.05	<.2	2.6	.07	<.01	21	.2	.03	5.4
76181	.72	26.95	16.56	80.2	164	27.6	11.0	358	3.07	11.5	1.3	4.5	6.9	32.7	.15	.42	.24	61	.45	.054	28.3	40.8	.70	255.0	.083	1	2.16	.013	.08	.2	4.4	.10	.01	43	.2	.05	6.8
76182	.54	14.53	8.32	54.3	61	16.3	6.6	221	2.16	8.9	.7	7.3	3.5	30.7	.20	.46	.14	54	.49	.059	13.2	28.8	.50	264.8	.065	2	1.25	.016	.06	.4	2.5	.05	.03	40	.3	.02	4.0
76183	.55	19.80	12.48	66.8	68	23.5	10.9	328	2.68	10.3	1.0	2.7	6.7	34.1	.09	.39	.18	49	.45	.052	21.0	34.4	.57	243.1	.069	<1	1.68	.013	.06	.2	3.1	.08	.01	30	.1	.02	5.4
76184	.39	16.91	18.61	80.7	111	22.2	11.7	376	2.75	8.6	1.3	3.0	6.3	83.9	.13	.32	.19	50	.96	.091	23.9	32.7	.79	212.5	.061	2	1.83	.017	.08	<.2	4.5	.07	.03	50	.3	.04	6.2
76185	1.02	20.24	17.47	58.0	73	21.7	10.2	374	2.85	9.5	1.0	2.1	5.2	52.0	.05	.44	.26	66	.43	.027	23.9	36.6	.68	248.0	.052	<1	2.06	.012	.06	<.2	3.7	.11	<.01	27	.1	.04	7.6
RE 76185	1.03	21.42	18.54	60.5	80	23.3	10.9	389	2.94	10.0	1.1	1.8	5.6	54.5	.05	.45	.28	69	.45	.029	25.4	38.6	.71	256.3	.055	3	2.17	.012	.07	<.2	4.0	.11	<.01	24	.1	.03	8.0
76186	1.30	12.85	13.62	35.6	105	13.3	4.5	143	2.16	10.8	.4	.9	3.4	18.1	.12	.41	.20	61	.19	.031	17.9	22.4	.36	134.8	.044	1	1.12	.006	.06	<.2	1.8	.06	.02	10	.1	.03	5.9
76187	.63	24.97	9.05	53.7	49	22.5	9.2	334	2.45	8.0	.7	1.8	4.2	29.4	.06	.52	.14	55	.43	.046	14.1	31.8	.61	246.9	.091	1	1.52	.023	.09	.2	3.6	.06	<.01	21	.2	.02	4.6
76188	.81	22.38	9.96	48.0	50	24.7	12.3	338	2.68	7.9	.6	3.2	5.7	24.3	.06	.52	.15	57	.33	.026	13.8	36.9	.58	235.4	.086	2	1.58	.016	.09	<.2	3.3	.07	.01	29	.2	.02	4.9
76189	.84	10.78	7.79	35.5	25	14.5	6.6	146	2.05	4.2	.3	.7	2.9	13.8	.06	.35	.13	50	.16	.010	8.3	26.8	.37	134.7	.069	1	1.21	.010	.08	<.2	1.7	.06	.01	7	.1	.03	4.3
76190	1.05	19.35	23.80	70.3	56	23.6	11.9	301	2.99	6.1	.6	.8	3.8	23.1	.07	.33	.29	67	.32	.044	8.7	38.0	.88	167.6	.132	1	1.74	.010	.34	<.2	2.6	.14	.01	9	.1	.02	6.7
76191	.56	26.51	10.31	51.6	51	27.1	12.0	354	2.64	7.2	.6	2.6	6.1	22.0	.04	.44	.14	53	.30	.046	16.5	34.7	.64	250.7	.079	2	1.48	.013	.12	<.2	2.9	.08	.01	18	.2	.04	4.9
76192	.76	17.76	10.00	45.6	60	25.8	14.3	1039	2.67	6.2	.4	.5	4.3	22.3	.05	.43	.15	63	.26	.021	13.9	34.9	.53	306.6	.074	2	1.90	.010	.10	<.2	3.5	.07	<.01	23	.2	.04	5.9
76193	.73	20.36	22.07	57.3	93	12.8	8.4	250	2.49	5.0	.3	.8	1.7	18.8	.14	.37	.30	57	.13	.022	5.4	20.1	.61	173.2	.064	1	1.71	.007	.04	<.2	2.1	.06	.01	13	.1	.02	6.3
76194	.59	11.37	10.08	72.7	122	14.9	9.2	302	2.31	3.6	.3	.2	1.4	45.9	.10	.33	.18	54	.28	.091	5.1	22.4	.63	272.5	.076	2	1.80	.012	.05	<.2	2.2	.07	.02	15	.1	.03	6.8
STANDARD DS2	14.47	126.79	33.15	161.0	270	36.8	12.0	831	3.08	57.2	20.8	211.8	3.6	28.1	10.30	10.35	10.71	73	.54	.090	16.0	156.6	.60	150.0	.095	2	1.72	.032	.16	7.1	2.9	1.83	.03	231	2.2	2.01	6.0

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76195	.69	28.62	18.27	49.7	112	14.8	6.6	253	2.32	4.9	.4	.9	2.1	18.3	.09	.33	.28	55	.19	.013	7.7	25.7	.60	247.4	.054	1	1.38	.007	.06	<.2	2.5	.04	.03	9	.1	.05	5.0
76196	1.02	23.30	21.19	58.6	401	20.3	8.6	292	2.97	8.8	.3	1.3	2.5	19.2	.10	.57	.24	76	.19	.023	6.6	40.5	.58	248.6	.069	1	2.06	.007	.05	<.2	2.4	.07	.04	28	.2	.03	6.3
76197	1.00	16.06	19.11	53.5	128	16.7	7.4	263	2.92	5.9	.5	1.9	2.5	15.5	.05	.31	.23	84	.13	.020	6.1	89.8	.91	169.4	.125	<1	2.04	.007	.04	<.2	3.1	.12	.03	13	.1	.02	8.2
76198	1.17	20.53	14.29	72.9	32	20.5	8.9	269	3.16	8.2	.5	2.1	3.2	14.5	.11	.47	.17	76	.13	.019	9.0	37.1	.74	218.1	.085	1	2.03	.007	.04	<.2	2.6	.12	.02	8	.1	.05	7.2
76199	1.96	28.24	22.22	91.8	213	15.0	13.0	822	3.39	7.0	1.1	2.3	3.2	37.4	.25	.35	.47	112	.37	.044	10.1	40.3	.65	388.4	.040	<1	2.73	.011	.10	<.2	4.3	.16	.03	42	.4	.07	11.1
76501	.54	22.91	13.05	58.0	104	22.2	11.0	575	2.42	10.4	1.1	2.7	4.7	39.5	.17	.48	.15	44	.50	.047	18.7	31.9	.48	301.4	.053	1	1.48	.011	.05	<.2	2.9	.06	.03	42	.4	.03	4.9
76502	.57	13.53	8.46	51.6	46	15.8	5.5	144	1.87	5.2	.5	4.8	2.2	18.9	.13	.41	.13	47	.30	.053	9.5	25.8	.46	179.7	.056	2	1.24	.012	.04	.2	2.0	.05	.02	31	.3	<.02	4.2
76503	.50	16.58	11.07	56.9	93	17.9	8.8	352	2.26	8.7	.8	3.6	3.7	30.8	.10	.33	.15	44	.49	.058	14.9	29.4	.50	245.4	.051	1	1.45	.009	.04	.2	2.4	.06	.05	41	.3	.03	5.0
76504	.61	15.99	11.43	53.7	80	17.5	7.8	236	2.35	8.3	.7	1.9	4.7	24.6	.06	.30	.15	49	.36	.034	16.8	31.6	.51	214.2	.070	<1	1.57	.009	.05	.2	2.5	.07	.01	24	.1	.03	5.4
76505	.61	21.48	12.90	66.3	48	23.6	10.0	317	2.63	13.0	.9	1.2	6.6	18.1	.07	.34	.15	46	.23	.047	20.7	32.9	.55	149.1	.076	2	1.48	.009	.10	.2	2.4	.08	.02	17	.2	<.02	5.3
76506	.93	20.46	13.41	53.9	55	20.4	6.9	229	2.45	14.8	.9	.7	4.7	12.6	.07	.33	.21	49	.12	.030	20.0	29.8	.43	94.7	.058	1	1.43	.007	.12	<.2	2.2	.12	.03	24	.2	.02	6.8
76507	.41	14.54	7.77	50.2	45	18.3	8.7	348	1.98	7.6	.6	2.2	3.6	33.0	.09	.27	.10	38	.49	.073	13.3	25.9	.53	177.1	.061	2	1.05	.013	.07	.2	2.1	.05	.01	21	.1	<.02	3.8
76508	.54	13.86	7.85	50.5	56	17.2	8.4	332	1.99	8.4	.6	1.8	3.1	26.3	.13	.33	.11	40	.43	.060	12.3	24.0	.47	203.3	.057	1	1.10	.011	.05	.2	2.0	.04	.02	20	.1	.02	3.8
76509	.69	15.49	10.09	55.3	64	17.5	10.0	424	2.29	9.9	.7	2.4	2.9	30.0	.16	.40	.16	51	.47	.054	12.4	29.8	.52	263.3	.059	1	1.34	.013	.05	.2	2.4	.06	.02	24	.3	.03	4.6
76510	.66	25.65	15.11	60.5	151	23.2	9.7	408	2.29	12.9	1.5	2.7	4.6	58.7	.14	.41	.17	39	.87	.058	33.7	30.8	.51	201.3	.045	1	1.41	.009	.08	.2	2.7	.08	.07	48	.2	.03	4.8
76511	.72	21.05	10.24	62.6	96	22.2	10.1	411	2.41	8.2	1.0	2.2	3.4	46.6	.13	.38	.15	52	.68	.065	16.4	33.9	.68	316.1	.076	2	1.48	.016	.07	.2	3.2	.07	.05	30	.3	.03	5.0
76512	.47	23.52	9.18	51.1	35	22.0	9.5	241	2.47	6.5	.5	1.9	5.0	25.5	.06	.43	.13	47	.43	.046	13.6	31.3	.64	230.3	.081	1	1.48	.017	.07	<.2	2.9	.06	.02	21	<.1	.02	4.9
76513	.60	28.84	10.22	51.7	29	24.9	11.8	318	2.67	6.4	1.1	2.3	6.4	27.7	.08	.42	.15	53	.46	.049	17.2	38.7	.67	191.7	.097	2	1.61	.017	.17	.2	3.3	.07	.01	19	.1	<.02	5.4
76514	.88	27.92	11.11	44.9	63	21.8	9.7	209	2.37	5.6	.7	1.1	4.2	31.2	.06	.45	.15	53	.45	.029	16.5	32.0	.49	273.8	.078	3	1.49	.015	.06	.2	2.7	.06	.03	25	.2	.03	5.2
76515	1.13	62.83	20.90	105.4	36	52.6	18.8	467	4.59	5.4	1.8	.5	15.4	13.0	.05	.33	.20	80	.20	.036	51.4	77.8	1.52	122.4	.142	<1	2.79	.004	.31	<.2	4.0	.18	.01	10	.3	.03	11.1
76516	.96	28.63	16.88	66.4	23	23.1	11.8	229	2.82	4.5	.9	1.4	13.9	8.6	.03	.24	.20	30	.08	.022	10.3	22.2	.46	153.1	.043	1	1.36	.004	.22	<.2	1.5	.15	.01	8	.1	.04	4.9
76517	.73	13.38	11.30	43.4	51	15.5	7.2	158	2.17	3.8	.4	1.6	5.3	13.5	.05	.30	.13	41	.19	.009	8.9	24.3	.39	126.9	.051	2	1.21	.008	.08	<.2	1.6	.08	.01	10	<.1	<.02	4.3
76518	.47	34.50	13.08	60.9	100	24.9	12.8	513	2.46	12.4	1.2	3.1	5.7	31.1	.14	.46	.17	48	.70	.057	22.7	36.3	.67	242.3	.081	2	1.39	.016	.10	.2	3.3	.09	.03	34	.4	.02	4.5
RE 76518	.47	33.50	12.99	60.8	96	25.8	12.6	499	2.44	11.9	1.2	4.0	5.6	30.9	.14	.45	.18	47	.69	.057	22.2	34.6	.66	239.1	.080	1	1.38	.017	.10	.2	3.2	.08	.03	24	.4	.02	4.5
76519	.36	23.11	8.79	55.5	85	19.8	7.8	257	2.04	5.4	.7	4.1	2.9	34.0	.12	.36	.15	46	.74	.080	15.7	31.4	.60	183.7	.071	2	1.19	.020	.08	.2	2.9	.06	.03	29	.3	.02	3.7
76520	.34	37.54	6.73	41.3	63	21.0	8.5	352	2.16	5.6	.4	3.3	2.5	27.8	.09	.36	.11	49	.59	.052	9.8	31.0	.60	310.0	.073	2	1.20	.019	.05	.2	3.0	.03	.01	25	.2	<.02	3.7
76521	.43	26.05	9.20	42.1	45	22.3	8.6	251	2.49	7.4	.4	3.0	3.5	25.3	.06	.59	.16	58	.34	.021	11.8	38.0	.62	330.3	.078	2	1.53	.016	.05	<.2	4.3	.04	.01	16	.1	<.02	4.7
76522	.55	14.49	12.14	49.2	82	15.4	13.3	512	2.48	3.3	.2	7.3	1.6	18.9	.07	.34	.20	68	.22	.024	5.7	29.3	.61	415.5	.086	2	1.58	.012	.07	<.2	2.6	.07	.02	6	<.1	<.02	5.4
76523	1.04	8.72	9.14	68.0	44	14.7	10.4	453	2.76	4.2	.3	.6	1.8	12.4	.09	.46	.15	64	.13	.024	6.5	24.5	.51	197.1	.056	1	1.88	.008	.06	<.2	2.9	.09	<.01	16	<.1	.03	6.6
STANDARD DS2	14.30	127.63	33.43	156.7	265	34.4	11.8	811	3.04	57.1	20.6	224.5	3.6	26.7	9.83	9.85	10.36	73	.52	.086	15.7	162.3	.59	151.1	.093	3	1.68	.030	.16	7.2	2.8	1.91	.04	223	2.3	1.87	6.1

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

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002385 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
64612	1.62	71.25	58.19	132.5	3414	33.9	14.8	396	2.93	46.1	1.4	83.9	16.7	40.1	.68	1.10	.11	9	.64	.240	35.3	17.9	.58	174.9	.001	3	1.25	.020	.50	3.2	2.2	.20	.15	33	.4	.07	3.0
64613	4.19	7.03	38.96	33.8	1150	3.5	.5	47	.37	1.6	<.1	13.6	<.1	1.6	.17	.38	.10	<2	.02	.001	<.5	29.0	<.01	3.3	.003	1	.01	.003	<.01	6.9	.1	.04	<.01	16	<.1	.04	.1
64614	1.94	8.68	23.36	58.4	1490	4.3	.4	56	.31	1.8	<.1	25.4	.3	8.8	.28	.41	.04	<2	.06	.002	1.2	26.1	.02	10.3	.001	1	.06	.010	.02	5.9	.1	.06	.02	35	<.1	.05	.2
64615	3.27	10.97	17.18	30.2	329	7.5	3.5	98	.62	1.4	.4	3.1	6.4	15.1	.12	.19	.04	4	.26	.007	13.9	26.9	.12	48.0	.019	1	.30	.022	.21	5.3	.6	.08	.01	21	<.1	<.02	.8
64616	1.38	21.64	12.32	78.9	305	26.5	11.1	439	2.83	.4	2.2	4.9	18.5	66.6	.12	.18	.05	28	.35	.036	49.1	44.9	.95	179.9	.170	<1	1.54	.043	1.20	1.7	2.7	.44	.41	33	.2	.06	4.7
64617	4.43	4.11	5.18	19.2	424	6.6	2.1	325	1.37	13.2	.4	3.3	.5	31.8	.09	.31	.03	2	.74	.005	3.4	25.5	.04	28.7	.002	1	.11	.006	.07	7.3	1.9	.04	.01	25	<.1	.03	.4
64620	2.78	6.31	20.14	41.8	490	7.6	2.2	216	1.35	29.7	.6	13.4	.6	5.7	.25	.62	.06	2	.01	.005	67.4	22.5	.02	27.6	.003	2	.07	.003	.02	7.3	.4	.06	.02	37	.7	.22	.2
76524	2.22	400.82	18.65	71.7	325	72.5	72.5	1359	6.33	3.9	1.9	16.8	18.2	36.3	.12	.49	.12	67	.35	.091	41.2	67.9	1.17	296.7	.238	<1	2.49	.090	1.37	2.3	7.3	.46	.80	17	1.1	.26	10.6
76525	2.10	7.41	13.90	22.5	186	5.1	.6	56	.47	1.3	.1	6.9	.2	1.8	.12	.14	.09	<2	.01	.004	.9	20.8	.02	7.6	.004	1	.05	.008	.02	6.2	.2	.03	.01	8	.3	.10	.2
76526	2.78	14.57	25.26	42.0	161	11.8	4.0	238	1.91	20.8	.5	13.0	9.1	12.1	.10	1.15	.08	26	.12	.013	19.6	41.4	.38	43.7	.003	<1	.69	.039	.18	3.9	1.9	.09	.28	27	.5	.12	4.3
76527	1.84	33.68	17.50	33.2	192	46.0	11.3	355	1.71	61.7	4.8	9.8	5.9	565.1	.26	.38	.10	13	8.90	.013	22.8	23.8	.48	52.7	.039	1	.66	.014	.24	4.2	1.3	.10	.12	8	.9	.22	3.1
76528	2.04	2.85	29.94	12.1	110	10.3	3.8	105	.28	1.6	.6	3.9	2.5	14.3	.06	.10	.07	<2	.11	.017	12.4	14.8	.02	43.8	.001	2	.29	.027	.21	4.1	.3	.04	<.01	13	.3	.07	.6
76529	1.36	12.83	17.81	13.3	373	4.8	5.2	174	1.26	45.6	1.3	54.2	5.8	20.2	.06	.83	.19	2	.09	.015	9.0	12.3	.02	38.5	.002	2	.16	.052	.13	3.3	1.0	.03	.37	16	.6	.07	.5
76530	4.01	3.10	3.47	10.5	65	3.4	.5	62	.36	1.0	.1	5.9	.7	3.9	.06	.10	.03	2	.02	.004	1.0	28.8	.02	21.3	.004	1	.07	.009	.03	6.9	.2	<.02	.01	13	.3	.09	.3
76531	2.06	9.46	18.75	22.9	198	6.6	1.8	152	1.13	5.1	.4	12.3	4.7	65.0	.11	.57	.04	9	.09	.007	28.8	25.3	.09	401.0	.004	<1	.25	.008	.10	6.3	.7	.03	.13	11	.6	.14	1.9
76600	.60	1.80	4.43	26.2	66	10.0	.5	113	.31	20.2	.3	3.6	.2	226.8	.38	.40	.03	9	17.36	.016	3.0	9.1	1.29	22.2	.001	2	.08	.003	.02	2.3	.6	.02	.03	22	.4	.03	.2
76601	2.24	4.47	5.05	23.8	172	11.1	.7	124	.30	12.0	.5	3.1	.1	154.7	.26	.70	.04	2	11.33	.015	3.7	12.0	.16	13.8	<.001	2	.05	.002	.02	3.9	.5	<.02	.04	5	.6	.03	.1
76602	.39	2.17	4.02	11.8	69	9.0	.8	140	.23	5.0	.3	2.0	<.1	711.1	.57	.26	.02	<2	24.86	.013	1.4	5.5	.18	21.5	<.001	2	.05	.002	.01	1.0	.3	.02	.06	11	.3	.02	.2
76603	.32	.78	3.54	15.7	75	9.2	.7	102	.23	2.9	.4	.4	.1	397.0	.55	.29	<.02	2	32.82	.015	1.8	4.9	.21	15.0	<.001	<1	.03	.002	.01	.6	.2	<.02	.07	14	.4	<.02	.1
76604	6.29	46.49	25.96	45.1	717	14.8	1.1	95	1.42	57.1	2.5	12.8	4.5	60.3	.32	1.14	.47	41	77	.332	20.5	30.5	.11	321.7	.005	1	.34	.011	.13	5.7	1.2	.04	.09	10	5.6	.12	1.7
76605	1.88	1.85	2.82	59.7	41	2.8	3.8	381	1.49	.7	.5	.9	2.4	41.9	.09	.09	.02	25	.76	.044	8.4	13.9	.42	92.7	.045	1	.75	.072	.08	3.0	2.7	.02	<.01	<5	.2	<.02	4.6
RE 76605	1.81	1.89	2.88	56.1	43	2.7	3.8	377	1.49	.7	.5	3.5	2.4	40.2	.09	.10	.02	25	.74	.043	8.2	13.7	.42	93.4	.045	1	.76	.067	.08	3.0	2.5	.02	.01	<5	.3	.02	4.5
76606	4.20	7.35	14.26	34.9	85	5.0	.4	88	.37	.7	<.1	1.1	.1	1.6	.23	.17	.09	<2	.03	.001	.5	25.6	.01	9.0	.001	1	.02	.003	<.01	7.8	.1	<.02	.02	10	.2	<.02	.1
76607	2.06	1.92	15.08	18.5	96	19.5	1.1	280	.32	4.1	.6	4.3	.4	658.1	.37	.22	.03	3	20.25	.055	9.0	8.8	.22	27.3	.001	1	.10	.002	.04	2.9	1.0	<.02	.05	<5	.6	.06	.3
76608	.66	1.52	7.41	12.8	66	11.1	1.0	187	.26	<.1	.7	2.4	.1	508.3	.29	.18	.04	3	21.14	.018	5.3	7.2	.40	16.3	<.001	1	.15	.002	.02	2.0	.8	<.02	.05	6	.5	<.02	.6
76609	1.47	1.09	2.40	7.2	34	5.4	.4	80	.23	.2	.2	1.7	.1	151.8	.10	.16	<.02	2	8.46	.012	1.7	12.4	.21	11.8	.001	1	.09	.003	.01	2.6	.3	<.02	.03	<5	.3	<.02	.3
76610	1.45	6.21	28.60	12.1	40	7.1	2.7	176	.48	16.3	.2	2.0	1.9	20.0	.08	.20	.11	6	.17	.036	6.3	14.6	.09	128.6	.008	1	.36	.076	.08	2.7	1.1	.02	<.01	15	.3	<.02	1.2
76611	7.45	89.05	53.27	192.2	275	29.1	12.1	266	3.75	284.4	1.4	5.7	15.7	9.9	.68	2.06	.30	35	.15	.013	51.7	37.9	.30	367.1	.005	2	1.11	.010	.28	2.3	1.9	.13	.05	32	1.1	.04	3.1
76612	2.09	8.15	2.33	14.2	18315	5.8	1.7	109	.52	1.0	<.1	1.8	<.1	3.5	.05	.29	.02	6	.15	.001	<.5	20.9	.16	16.2	.012	1	.16	.006	.01	7.0	.2	<.02	.01	97	.2	<.02	.6
76613	5.54	2.67	13.29	22.6	116	8.8	1.6	144	.55	14.8	.1	61.9	.3	17.2	.19	.44	.64	6	1.25	.024	1.5	28.3	.17	38.8	.001	1	.15	.009	.02	5.4	.5	<.02	.01	<5	.5	.11	.6
76614	2.24	1.98	12.94	7.2	223	5.0	.6	178	.29	1.4	<.1	4.8	.1	103.2	.16	.56	1.47	3	5.45	.022	1.5	19.2	.10	21.0	<.001	<1	.08	.004	.01	3.9	.3	<.02	.01	11	.3	.11	.2
76615	3.31	2.37	6.34	9.5	36	5.4	.8	138	.35	3.9	<.1	3.5	.2	53.1	.18	.41	.17	4	3.51	.020	.9	23.2	.10	17.8	<.001	1	.11	.002	.02	4.9	.4	<.02	.01	15	.4	.06	.4
76616	12.96	1.45	67.50	9.8	445	7.5	.8	299	.13	2.3	.2	6.1	.1	390.0	.57	.29	1.86	2	23.85	.016	2.0	8.6	.18	36.4	.001	1	.05	.003	.01	1.5	.5	<.02	.06	<5	.9	.11	.2
76617	9.22	2.26	31.35	14.3	281	14.5	2.0	103	.77	31.4	1.0	2.0	1.6	587.5	.27	.33	.25	6	20.91	.008	3.0	12.8	.42	41.7	.003	1	.23	.003	.06	3.0	1.5	.02	.09	10	1.4	.04	.5
STANDARD DS2	14.66	134.07	34.73	161.4	275	38.9	12.0	854	3.09	57.9	20.8	234.4	3.6	25.6	10.16	9.95	10.94	73	.51	.091	15.2	155.0	.60	157.0	.093	2	1.67	.027	.17	7.8	2.9	1.89	.03	241	2.6	2.07	5.8

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 17 2000 **DATE REPORT MAILED:** July 31/00 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
77146	2.27	12.83	4.68	10.3	80	5.6	1.0	104	.48	10.4	.1	2.5	.1	5.6	.06	.17	.04	4	.22	.008	.6	19.8	.03	62.6	.001	<1	.06	.006	.01	6.3	.2	<.02	.01	7	.2	<.02	.3
STANDARD DS2	14.42	129.85	36.90	160.6	280	35.2	11.6	835	3.10	56.5	21.9	239.3	3.5	27.8	10.21	10.47	11.23	75	.53	.088	15.6	161.2	.60	152.0	.096	3	1.72	.029	.17	7.9	2.9	1.91	.02	252	2.2	1.91	5.8

Sample type: ROCK.

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

Data FA

ACME ANALYTICAL LABORATORIES LTD. [illegible] E. HASTINGS ST. [illegible] COUVER BC [illegible] 1R[illegible] PHONE (6[illegible]53-[illegible] FAX (6[illegible]04) [illegible]171[illegible]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002608 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
64621	1.30	3.68	24.52	50.3	142	8.8	2.9	1235	.87	1.6	.5	1.1	7.2	123.1	.20	6.45	.09	8	3.96	.059	18.9	15.0	.76	55.5	.037	1	.79	.012	.27	2.5	1.4	.13	.03	22	.1	.03	2.4
64644	4.02	91.06	14.70	38.0	111	35.5	19.1	189	1.80	6.4	.8	1.1	14.9	17.0	.15	11.03	.10	34	.22	.015	22.2	45.6	.37	45.7	.112	2	.68	.056	.21	1.4	3.6	.07	.02	20	.3	.03	3.4
64646	.83	13.41	13.14	29.3	95	3.3	1.4	119	.74	5.6	.9	5.2	29.4	30.1	.14	15.32	.06	10	.03	.006	11.6	10.1	.10	71.5	.002	1	.26	.033	.11	2.2	.4	.03	.04	23	.1	<.02	2.7
64674	2.06	4.51	22.50	29.6	79	4.0	9	108	.59	3.9	.2	2.4	3.3	50.1	.11	12.78	.06	9	.04	.004	3.6	14.6	.04	70.8	.007	1	.18	.050	13	4.4	.4	.03	.03	15	<.1	<.02	.9
64675	.88	8.76	5.33	24.3	68	18.9	5.9	437	1.94	864.5	.4	33.0	12.0	77.3	.12	6.85	.03	6	.56	.020	28.2	14.8	.17	81.0	.001	<1	.32	.045	.04	2.7	4.0	.02	.03	10	.1	.02	1.0
64676	1.84	7.42	8.36	18.9	99	7.5	2.1	44	1.30	654.2	1.3	202.6	16.3	53.9	.15	4.44	.07	6	.06	.037	38.8	18.4	.02	91.9	.001	2	.23	.035	.20	4.4	4.0	.04	.13	12	2.0	.05	.5
64677	.89	4.70	14.39	54.2	66	3.4	2.9	192	1.35	18.7	.9	8.3	20.6	36.4	.07	7.73	.07	6	.22	.037	45.7	9.8	.66	124.6	.060	<1	.85	.043	.50	2.4	.8	.33	.01	10	.1	<.02	3.6
64678	4.20	34.28	10.77	21.6	344	8.8	.9	37	.66	22.0	.3	3.4	1.6	9.6	.08	6.20	.13	5	.01	.010	4.8	25.6	.04	94.0	.001	2	.15	.004	.08	6.3	.4	.02	.01	8	1.1	.03	.5
64679	1.07	43.85	5.44	68.2	57	45.8	26.3	266	2.98	2.3	.8	1.7	1.9	20.9	.07	3.16	.04	61	.91	.198	6.7	49.4	1.33	42.0	.162	<1	1.55	.069	.10	.6	2.9	.02	<.01	<5	.1	<.02	10.0
64680	3.28	5.32	38.09	46.7	93	6.6	2.3	520	1.32	10.3	.3	1.2	6.1	110.1	.56	8.50	.02	2	.94	.024	9.0	21.5	.17	40.9	.002	<1	.24	.025	.07	5.3	1.0	.02	.03	15	<.1	<.02	.7
64681	1.15	14.31	26.33	49.3	135	16.3	6.3	322	1.52	30.1	.5	3.4	9.1	71.7	.79	6.59	.04	7	.35	.021	18.0	21.2	.38	88.9	.006	<1	.71	.014	.27	2.8	.9	.07	<.01	13	<.1	<.02	1.9
76532	2.39	23.99	14.10	99.8	90	44.3	21.0	817	3.72	50.2	1.1	4.1	17.0	14.3	.21	3.74	.12	37	.18	.031	42.0	49.9	.93	222.8	.102	1	1.95	.015	.54	2.5	3.2	.26	<.01	12	.3	.04	6.1
76533	1.81	31.01	16.50	126.0	214	43.4	17.1	681	3.26	41.4	2.7	4.9	14.1	13.3	.32	2.72	.14	35	.15	.031	30.9	49.8	.97	235.6	.081	1	1.66	.013	.48	1.9	2.5	.21	.01	9	.4	.06	5.6
76534	3.56	36.20	16.14	91.4	256	27.1	5.8	273	1.30	52.4	1.5	4.4	5.1	8.0	.27	7.73	.16	17	.09	.028	15.4	32.0	.43	278.0	.009	2	.65	.012	.16	4.6	1.0	.06	.02	13	.5	.04	2.3
76535	1.70	29.53	24.49	80.6	339	19.9	5.7	333	1.46	55.7	1.6	8.7	14.6	11.0	.33	1.98	.15	15	.18	.068	38.0	21.6	.48	212.4	.005	3	.78	.020	.22	2.7	1.1	.08	.02	11	.4	.03	3.0
76536	3.10	30.91	36.83	101.3	337	21.2	6.4	395	1.61	52.7	1.1	8.2	14.0	9.4	.33	2.35	.22	24	.15	.060	35.3	31.5	.50	285.5	.005	1	.85	.020	.18	3.5	1.5	.06	.02	12	.5	.06	3.2
76537	1.47	41.21	19.51	59.9	145	26.7	11.7	573	2.49	42.5	1.4	4.2	15.1	12.1	.23	1.83	.20	18	.16	.040	35.9	35.2	.57	185.9	.016	1	1.18	.016	.27	2.3	2.1	.10	.01	13	.2	.03	3.5
76538	3.44	46.16	19.65	116.6	271	46.7	15.5	662	2.80	80.8	2.2	10.8	11.6	11.6	.51	1.82	.21	34	.14	.037	29.9	46.8	.83	311.2	.038	<1	1.39	.014	.34	3.1	2.6	.13	.01	12	.8	.07	4.5
76539	4.45	67.38	32.34	128.1	653	24.0	3.1	203	2.30	206.4	5.5	24.2	5.5	32.4	.81	2.39	.41	45	.12	.029	17.9	36.0	.46	371.4	.011	1	.80	.010	.18	3.8	1.3	.07	.07	13	1.7	.18	3.0
76540	2.97	48.06	122.49	394.3	910	16.4	4.2	378	2.27	548.8	4.9	75.3	18.3	30.7	3.07	1.66	1.21	34	.22	.062	48.9	28.8	.46	247.4	.003	<1	.86	.019	.21	3.2	1.6	.06	.06	7	.8	.09	3.0
76541	1.30	9.10	49.39	158.3	136	6.9	3.7	325	1.23	14.8	1.8	14.1	22.0	25.7	1.57	1.34	.09	7	.38	.078	56.2	13.6	.34	163.4	.010	2	.71	.017	.25	2.9	.9	.10	.03	10	<.1	.02	2.4
76542	3.05	27.79	146.45	537.1	360	13.2	4.5	297	1.42	138.1	1.3	44.4	6.7	10.1	3.04	1.25	.09	18	.14	.038	21.8	25.2	.33	246.8	.010	1	.70	017	.23	4.1	1.0	.07	.02	6	.3	.03	2.1
76543	4.80	40.71	39.69	213.3	587	32.1	6.7	567	1.99	95.3	1.6	505.9	6.1	12.7	.86	1.41	.14	21	.15	.041	19.5	20.4	65	218.3	.003	2	.82	.006	.13	3.2	1.4	.03	.05	8	.8	.09	3.4
76544	3.19	29.88	40.97	93.8	277	15.8	4.5	421	1.48	49.6	1.7	128.3	16.5	13.6	1.06	1.21	.10	13	.15	.045	46.8	16.5	40	487.9	.001	3	.69	.015	.19	3.4	1.1	.06	.08	<5	.4	.03	2.2
76545	1.51	8.04	21.00	59.5	130	4.5	2.3	289	.85	27.1	1.1	70.6	15.3	24.4	.50	.94	.02	4	.35	.044	41.3	10.6	.20	261.5	.001	3	.50	.013	.23	2.7	.6	.06	.03	10	.2	<.02	1.4
RE 76545	1.48	7.98	20.59	57.5	113	4.3	2.3	282	.83	26.5	1.0	51.7	14.8	23.7	.45	.90	.02	3	.34	.043	40.4	10.5	.19	253.8	.001	3	.49	.014	.22	2.5	.7	.06	.02	6	<.1	.02	1.3
76546	2.23	10.45	18.95	59.9	95	6.1	4.0	327	1.41	20.2	1.2	16.6	21.7	15.1	.46	.48	.02	8	.20	.061	48.1	18.2	.27	218.0	.012	1	.74	.021	28	2.8	1.2	.09	<.01	13	<.1	<.02	2.5
76547	1.95	30.58	13.70	84.7	181	13.8	4.1	317	1.50	21.5	.8	17.8	8.2	10.2	.54	1.06	.02	14	.11	.026	21.4	21.6	.37	181.5	.008	<1	.66	.015	.17	3.3	1.3	.05	.03	5	.2	.04	2.7
76548	2.72	36.02	22.94	209.4	248	15.2	4.7	399	1.58	32.9	1.2	147.9	12.8	12.4	2.16	1.23	.06	17	.20	.058	39.8	20.2	.43	211.1	.002	1	.79	.015	.20	3.0	1.4	.06	.02	10	.3	.07	2.9
76549	1.70	29.14	17.92	424.8	88	7.0	3.7	317	1.17	32.5	1.1	9.8	8.4	8.9	1.99	1.73	<.02	7	.18	.065	23.5	16.7	.21	161.3	.003	1	.55	.017	.17	3.7	1.0	.05	.01	7	<.1	<.02	1.8
76550	2.20	22.34	24.71	333.5	143	12.1	5.0	374	1.49	45.7	1.1	5.8	10.5	12.9	1.60	.92	.06	11	.22	.083	27.2	18.4	.42	233.1	.007	1	.83	.021	.26	2.7	1.4	.08	<.01	<5	<.1	<.02	2.5
76551	4.62	79.97	41.02	146.2	399	31.4	6.9	365	2.41	161.0	2.4	8.8	12.5	17.7	1.10	1.40	.10	29	.21	.060	23.0	27.8	.46	228.3	.023	<1	.88	.015	.22	2.9	1.3	.08	.03	7	1.0	.07	2.8
76552	3.17	42.39	44.18	83.0	183	17.2	6.7	331	1.76	52.9	1.4	5.9	10.1	17.6	.46	.97	.06	24	.20	.055	22.7	33.8	.46	259.8	.038	<1	.89	.018	.28	3.7	1.8	.10	.02	7	.4	.07	3.0
STANDARD DS2	13.62	127.42	32.42	162.6	255	35.0	12.7	835	3.10	56.1	19.1	196.9	3.5	27.9	10.69	9.47	10.94	75	.53	.095	16.2	162.2	.61	151.2	.094	3	1.71	.030	.17	6.7	2.9	1.84	.01	225	2.2	1.82	6.2

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 9/00 **SIGNED BY.....** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm
76553	2.13	11.43	2.16	37.3	47	6.9	1.7	169	1.05	10.7	.3	14.5	.1	12.0	.11	1.42	<.02	9	.17	.001	.5	19.4	.49	13.1	.001	2	.39	.008	.02	7.0	.8	<.02	.02	5	.3	<.02	1.6
76554	8.47	42.77	26.83	169.9	495	32.9	6.3	164	1.94	96.7	1.0	3.6	3.9	40.7	1.44	1.34	.36	23	.03	.037	14.2	24.3	.04	387.9	.002	3	.22	.006	.15	6.3	.9	.05	.03	12	5.0	.25	.7
76555	1.43	6.73	26.23	158.3	85	1.4	19.8	1324	6.09	23.7	.4	2.6	3.2	332.3	.31	3.60	.07	141	3.02	.356	34.9	4.5	1.30	240.9	.108	<1	1.12	.067	.17	.6	11.1	.24	.22	16	.9	.06	8.2
76556	1.79	20.29	4.78	38.7	201	12.7	3.9	404	2.11	51.7	.6	2.8	3.3	3441.8	.27	1.60	.11	14	9.74	.029	11.4	14.6	4.56	167.8	.002	<1	.30	.006	.10	2.3	1.2	.05	.03	7	1.0	.71	1.0
76557	2.21	58.13	66.34	143.4	409	52.2	9.4	248	2.90	813.4	1.0	8.2	10.1	96.1	89	6.82	.72	47	.60	.061	26.8	38.9	.54	161.5	.003	<1	.70	.005	.12	3.4	2.8	.23	.02	44	2.5	.10	2.6
76558	4.72	17.71	43.46	27.6	464	5.4	.6	94	1.88	51.6	3.4	.8	6.1	47.7	.25	1.64	.35	66	.05	.084	10.1	57.4	.32	138.8	.022	1	.36	.066	.11	4.6	2.7	.08	.25	32	3.7	.06	2.2
76559	5.20	6.67	8.57	16.6	56	7.3	1.2	51	.57	5.3	.2	.3	.6	3.8	.06	.97	.10	3	.01	.004	2.0	27.7	.02	53.9	.001	1	.09	.004	.04	8.4	.2	.02	.02	<5	.3	.02	.2
76577	.95	4.59	7.99	9.4	34	3.0	.6	135	.47	<.1	1.8	12.9	21.0	8.7	.08	1.58	.05	<2	.11	.002	23.5	10.9	.03	70.9	<.001	1	.12	.066	.05	3.2	.2	.02	.12	<5	.1	<.02	.5
76593	1.98	9.54	442.21	16.6	940	2.1	.5	554	.60	.5	.4	7.1	4.4	78.1	.28	.55	1.87	3	1.07	.028	6.7	11.5	.03	117.5	.001	2	.18	.069	.12	3.8	.6	.03	.01	5	.2	.07	.7
76619	1.69	32.04	39.37	26.9	71	3.6	3.1	164	1.13	42.2	1.9	1.3	22.9	14.2	.13	.63	.09	6	.07	.026	54.6	13.6	.11	117.2	.005	<1	.33	.027	.12	4.0	.7	.05	.01	5	.3	.02	1.7
76620	1.71	4.39	37.24	24.7	45	1.6	.3	98	.50	6.8	.4	1.2	7.7	10.9	.06	.58	.17	3	.01	.003	16.0	12.6	.03	30.0	.001	1	.19	.047	.08	3.4	.2	.02	<.01	6	<.1	.03	.9
76621	1.52	4.25	11.17	10.3	29	2.9	.3	56	.38	6.4	.3	11.0	3.7	9.4	.03	.70	.05	5	.01	.002	9.6	12.7	.03	20.7	.001	1	.12	.034	.07	4.8	.2	.03	<.01	<5	<.1	<.02	.8
76622	3.65	30.95	7.19	11.5	56	6.5	1.2	136	.88	1.1	.8	.9	2.6	12.0	.01	.32	.15	11	.03	.029	5.0	26.8	.19	82.5	.019	<1	.33	.007	.13	6.1	1.1	.05	.02	5	.4	.05	1.8
76624	1.57	4.64	1.92	9.3	21	5.4	1.0	141	.49	.5	.2	<.2	1.3	10.2	.04	.50	.03	2	.20	.028	2.2	17.6	.19	42.1	.008	<1	.21	.016	.02	5.8	.3	<.02	<.01	<5	<.1	<.02	.6
76625	4.12	11.36	2.36	20.1	26	6.9	1.5	56	.49	3.3	<.1	.5	.1	.6	.14	.66	<.02	2	<.01	<.001	<.5	27.7	.01	9.1	.001	1	.02	.002	<.01	7.4	.1	<.02	.01	6	.2	<.02	.1
76626	1.03	9.75	5.44	16.5	44	4.9	2.4	241	.82	.6	.8	.5	1.8	14.9	.05	.25	.05	15	.06	.023	6.1	11.2	.22	42.0	.009	<1	.28	.072	.04	1.5	1.3	.02	<.01	<5	.2	<.02	2.4
76627	.32	2.34	28.79	7.0	35	2.2	1.3	215	.18	6.6	.4	<.2	.3	1121.8	.60	.34	.13	2	29.55	.025	5.6	2.6	.20	366.4	<.001	<1	.06	.004	.02	.6	.8	<.02	.05	<5	.2	.20	.1
76628	1.23	25.12	8.91	26.9	19	25.9	15.7	838	1.29	3.5	.9	.5	10.1	57.3	.07	.32	.12	16	.58	.020	18.1	26.4	.19	64.4	.081	<1	.61	.016	.04	3.9	2.4	.03	.01	8	.1	<.02	2.2
76629	4.97	16.50	15.51	23.2	50	15.0	9.3	439	1.72	204.5	.5	7.1	6.0	22.1	.06	1.90	.13	5	.54	.007	11.9	29.2	.09	45.9	.001	1	.36	.066	.08	8.7	.9	.03	.01	<5	.1	.02	.9
76630	2.57	8.57	85.51	10.5	158	8.9	2.7	151	.96	331.8	.7	40.9	1.3	6.0	.04	.79	.10	3	.07	.026	4.0	21.0	.13	58.8	.001	3	.27	.004	.07	6.8	.4	.02	.12	<5	.3	.02	.7
76631	2.57	73.18	74.63	70.3	347	22.9	10.2	501	3.76	74.8	1.9	7.8	13.1	12.4	.30	.97	.32	54	.16	.056	26.4	56.8	.79	88.7	.012	<1	1.28	.034	.11	2.8	3.4	.05	.06	10	.7	.04	6.2
76632	1.41	27.26	25.56	62.5	82	17.7	8.6	294	2.62	5.4	1.7	1.2	19.3	23.1	.04	.33	.11	34	.21	.035	27.8	39.2	.73	149.3	.081	1	1.30	.028	.46	2.3	2.2	.25	.02	6	.3	.02	4.4
76633	2.05	9.18	20.52	22.1	30	4.3	1.7	398	1.20	57.0	1.9	2.7	23.6	18.0	.06	.90	.02	3	.11	.030	47.3	11.4	.05	83.0	.006	1	.27	.019	.21	3.2	1.0	.09	.02	9	.2	<.02	1.1
76634	2.04	3.86	4.21	2.7	207	6.1	6.0	368	4.19	46050.9	.6	166.5	9.4	17.4	.07	5.24	.42	<2	.11	.017	19.1	18.2	.03	50.5	<.001	2	.26	.033	.13	5.7	<.1	.07	.66	<5	.9	<.02	.3
76635	.84	37.91	19.23	23.2	183	5.5	2.1	105	4.06	64.0	1.0	4.5	1.4	80.6	.04	.39	.09	67	.34	.081	5.3	14.5	.42	82.7	.361	<1	.41	.108	.31	.3	3.3	.16	.91	8	4.4	.02	3.7
RE 76635	.83	39.12	19.94	23.1	184	5.5	2.1	98	4.08	59.7	1.1	2.7	1.5	79.4	.05	.42	.10	66	.31	.081	5.3	13.8	.40	82.9	.360	<1	.39	.108	.31	.3	3.2	.17	.92	12	4.5	.04	3.7
76636	6.06	14.16	3.73	13.2	97	9.8	1.9	58	1.70	423.2	.9	13.4	2.1	132.8	.07	.48	.14	6	.03	.033	5.9	24.5	.02	613.0	.005	<1	.12	.013	.18	7.1	1.0	.04	.22	7	1.2	.11	.5
76637	1.08	2.79	2.34	2.3	17	2.4	.2	18	.31	54.0	.5	5.6	6.7	28.1	.02	.66	<.02	<2	.01	.003	25.5	10.6	.01	109.6	.001	1	.12	.040	.13	3.4	.3	.02	.06	6	<.1	<.02	.4
76638	1.69	53.43	8.42	6.4	155	5.8	4.0	399	.61	7.4	<.1	2.1	.1	43.8	.04	.66	.03	8	1.75	.007	.6	27.2	.45	95.4	.006	1	.21	.007	.03	6.6	1.6	<.02	.08	8	.1	<.02	.7
76639	11.22	28.87	11.36	33.2	51	22.3	8.0	247	1.04	4.2	4.0	3.7	9.2	80.1	.15	1.15	.05	28	1.10	.071	24.5	21.1	.68	68.1	.078	1	.78	.018	.21	2.3	.9	.09	.29	8	.8	.04	2.5
76640	.54	6.12	15.92	163.3	52	16.3	4.7	635	1.88	27.0	.2	15.2	17.3	479.8	2.05	.26	<.02	9	2.42	.008	91.3	9.8	.70	101.9	.001	<1	.10	.022	.13	1.2	5.1	.02	.12	18	<.1	.10	.2
76641	3.69	3.30	2.83	13.6	17	7.2	.5	84	.32	3.5	.2	.7	.5	3.6	.05	.38	.02	<2	.02	.002	2.2	25.0	.01	22.5	<.001	<1	.02	.003	.02	7.1	.1	<.02	.02	5	.1	<.02	.1
76642	3.56	12.82	9.19	16.4	78	8.9	.8	46	.99	3022.1	.8	41.1	.8	28.5	.34	2.56	.11	8	.02	.039	2.5	25.3	.01	574.7	<.001	1	.11	.004	.05	9.8	.5	<.02	.11	9	1.3	.09	.6
76643	5.08	12.11	28.88	2.2	141	8.4	.9	65	3.74	44378.3	.3	235.0	.7	19.5	.01	8.04	1.27	30	.02	.052	4.8	37.1	.01	1064.7	.011	5	.15	.009	.05	8.0	<.1	.05	<.01	<5	3.1	.09	1.3
STANDARD DS2	14.34	127.38	34.53	161.2	263	35.5	11.9	831	3.10	59.3	19.6	225.0	3.8	28.1	10.53	9.84	11.25	75	.53	.090	16.0	160.7	.60	151.4	.094	3	1.73	.030	.17	8.0	3.0	1.94	.02	225	2.4	2.03	5.9

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC [redacted] 1R[redacted] PHONE(6[redacted]53-[redacted] FA[redacted]04) [redacted]171[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002609

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64618	.53	17.94	9.76	71.6	76	21.1	10.5	722	2.50	12.9	.7	7.0	3.5	79.6	.20	.46	.11	55	.81	.090	13.8	26.9	.59	313.8	.081	2	1.27	.022	.08	.4	3.1	.05	.04	32	.5	.03	3.7	15
64619	1.00	25.25	16.64	84.4	66	23.2	15.2	924	3.30	26.2	.9	4.5	6.3	48.2	.19	.50	.14	70	.48	.102	18.4	32.0	.61	332.3	.083	<1	1.50	.010	.16	.3	3.8	.09	.03	42	.4	.04	5.1	15
RE 64619	.99	24.12	16.25	83.6	61	21.3	14.6	921	3.29	25.9	.9	4.9	6.3	46.8	.15	.52	.15	71	.48	.102	18.7	32.2	.61	332.9	.083	<1	1.49	.011	.17	.3	3.6	.09	<.01	22	.4	.04	5.1	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -150 SILT Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 10/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

ACME ANALYTICAL LABORATORIES LTD. [illegible] E. HASTINGS ST. VANCOUVER BC V5A 1R6 PHONE(6[illegible])253-[illegible] FA[illegible]04)[illegible]171
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002610 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64645	.28	1.46	10.63	15.6	86	2.3	4	107	.10	13.2	.4	1.0	.1	492.9	.27	.33	.07	<2	27.54	.010	2.7	4.3	.48	51.1	<.001	<1	.01	.001	<.01	.3	.3	<.02	.01	<5	.3	.06	<.1	15
64647	7.86	46.49	7.10	92.4	254	28.9	2.8	60	1.12	30.4	1.8	1.4	2.7	27.5	.26	1.55	.14	21	.16	.052	5.4	19.1	.12	125.2	.004	<1	.23	.005	.13	1.1	.5	.09	.05	13	3.0	.09	.9	15
64648	2.87	14.31	8.66	23.3	146	6.8	.7	31	.34	4.2	.3	3.3	.5	9.8	.10	.67	.06	4	.04	.018	1.6	21.7	.04	63.2	.003	<1	.10	.005	.06	1.3	.2	.03	.03	7	.1	<.02	.4	15
64650	.61	17.50	13.95	14.9	228	3.6	.4	73	.38	34.1	.3	.8	.6	6.2	.08	.53	.12	4	.05	.007	1.6	17.4	.04	120.7	.002	<1	.10	.003	.04	4.3	.5	.03	.02	<5	.3	.03	.5	15
64651	6.29	22.65	1695.37	22.4	2305	15.6	1.8	25	3.80	2052.0	.6	180.0	2.2	25.4	.13	3.97	2.76	6	.01	.107	7.2	16.0	.01	424.6	.001	<1	.14	.009	.34	1.1	3.0	.08	.52	7	21.2	.10	1.3	15
64653	2.02	16.67	14.70	27.3	163	10.7	2.8	100	1.81	4085.5	.7	179.7	4.1	29.1	1.85	1.62	.29	9	.01	.019	11.3	12.4	.02	335.9	.002	<1	.21	.005	.17	3.1	1.5	.04	.13	7	2.1	.11	.7	15
64654	4.66	27.20	21.53	61.0	289	12.1	1.7	126	1.81	357.7	1.4	4.8	3.0	7.6	.34	1.27	.16	13	.01	.028	8.8	21.9	.03	260.8	.004	<1	.20	.005	.09	1.3	.9	.04	.02	8	.9	.06	.8	15
64655	2.88	38.25	18.27	126.2	434	14.4	1.1	69	4.14	1017.7	3.6	22.8	2.3	8.6	1.55	10.67	.17	20	.02	.084	7.2	17.9	.02	372.8	.001	<1	.17	.003	.10	4.2	1.4	.09	.04	5	.6	.13	.6	15
64656	3.49	25.71	5.25	24.7	94	9.6	4.2	363	.54	46.9	.6	2.0	.5	3.6	.16	1.82	.10	3	.01	.008	2.1	20.7	.02	256.1	.001	<1	.07	.001	.03	1.4	.5	.02	<.01	<5	.1	.04	.3	15
71664	.13	.40	3.61	10.7	15	1.7	.6	100	.12	8.1	.5	<.2	.2	389.5	.61	.12	<.02	3	33.17	.005	2.8	7.9	.52	32.8	<.001	<1	.04	.002	<.01	<.2	.3	<.02	.01	<5	.3	.07	.1	15
71667	.18	.35	2.37	21.8	28	<.1	.3	32	.04	2.6	.4	.4	<.1	485.1	.35	.57	.02	2	34.42	.001	1.5	4.1	.31	8.1	<.001	1	.01	.001	<.01	<.2	.2	<.02	.01	<5	.2	.06	<.1	15
71694	.42	5.47	3.97	9.9	36	4.4	1.0	34	.32	21.7	.3	2.5	.8	16.8	.03	.15	.03	2	.20	.057	2.7	12.0	.05	20.5	<.001	1	.14	.006	.07	4.6	.3	<.02	.01	<5	<.1	<.02	.4	15
71695	3.41	3.17	1.61	4.4	18	6.8	.7	72	.33	6.7	<.1	.9	.3	40.6	.02	.12	<.02	2	.38	.001	.7	17.9	.10	5.0	<.001	<1	.03	.004	.01	1.4	.3	<.02	.01	<5	<.1	<.02	.1	15
71696	.42	10.47	4.00	10.2	47	8.7	4.1	112	.73	70.9	.4	16.2	3.8	30.2	.04	.19	.04	2	.15	.009	8.8	13.1	.07	26.9	<.001	<1	.10	.007	.08	3.8	.7	.02	.04	<5	.2	.02	.2	15
71697	2.63	7.78	4.36	25.9	55	22.0	8.0	495	1.82	25.1	.3	10.2	4.7	403.6	.09	.20	.05	8	1.73	.030	10.7	19.4	.56	24.6	.001	<1	.14	.020	.09	1.0	3.8	.02	.19	<5	.1	.07	.4	15
75812	3.05	10.03	10.34	49.2	241	12.1	2.9	20	1.50	331.4	1.7	50.8	11.8	46.7	.02	2.21	.29	3	.05	.013	26.4	8.8	.01	170.0	.001	<1	.14	.029	.23	2.3	1.9	.14	.26	11	1.1	.11	.5	15
75813	2.66	12.03	20.77	54.8	59	5.8	2.1	159	1.69	7.3	3.8	2.1	27.2	50.4	.13	.59	.06	13	.48	.035	47.1	14.5	.37	126.0	.037	<1	.76	.028	.37	1.1	2.4	.21	.16	10	<.1	.02	5.2	15
75888	.46	5.47	2.73	18.6	21	8.3	4.3	349	1.14	2.5	.1	.6	.5	55.9	.05	.66	.02	9	.02	.004	20.1	17.3	.01	2320.1	.001	<1	.06	.001	.02	4.3	1.0	<.02	.07	7	<.1	<.02	.1	15
75889	4.45	5.71	7.88	14.4	383	14.3	3.5	169	1.20	196.3	1.0	145.3	2.5	46.1	.23	.90	.06	3	.20	.007	8.0	27.6	.07	209.3	.001	<1	.06	.008	.04	2.3	1.3	<.02	.25	<5	.2	.02	.2	15
75890	.46	5.75	8.98	11.9	73	5.1	1.7	31	.97	924.2	2.6	120.0	17.6	31.5	.14	1.14	.06	5	.06	.052	36.5	14.6	.01	193.8	.001	<1	.11	.053	.06	3.8	5.5	.03	.05	5	4.1	.02	.4	15
RE 75890	.46	5.98	9.10	11.4	66	5.1	1.6	31	.96	916.3	2.6	118.3	17.3	30.4	.13	1.14	.06	5	.06	.050	32.8	13.9	.01	193.5	<.001	<1	.11	.051	.06	3.7	5.3	.03	.04	<5	4.0	.02	.4	15
75891	2.99	5.79	12.50	11.8	149	9.4	1.6	46	1.24	985.0	1.4	304.3	13.8	46.7	.14	1.40	.07	6	.11	.077	32.7	16.8	.01	130.2	.001	<1	.12	.028	.11	3.4	5.9	.03	.07	6	2.3	.04	.4	15
75892	.40	3.36	3.37	7.1	39	6.9	1.1	31	.77	197.5	.7	73.3	11.2	31.5	.04	.38	.03	7	.02	.012	27.1	13.1	.02	92.4	<.001	1	.13	.025	.13	6.9	2.4	.03	.08	5	.8	.02	.5	15
75893	1.75	5.95	6.23	3.7	177	4.2	.8	10	1.09	9031.4	.3	2749.9	13.4	25.1	.03	3.43	.03	3	.02	.050	33.2	9.4	.01	117.6	<.001	<1	.12	.033	.11	1.8	3.3	.07	.21	<5	12.8	.02	.4	15
75894	.57	6.81	5.08	21.2	58	19.5	10.9	594	1.97	101.3	.3	31.2	4.5	286.8	.07	.21	.04	6	1.60	.024	8.5	15.3	.62	31.0	<.001	<1	.08	.017	.06	3.8	4.0	<.02	.21	<5	.4	.04	.2	15
75895	3.28	11.03	8.03	33.5	249	11.3	2.6	19	1.45	260.5	1.5	60.2	10.1	90.3	.03	1.34	.30	5	.02	.025	23.6	12.3	.01	133.8	.001	<1	.13	.038	.22	.7	1.5	.06	.30	7	.9	.14	.5	15
75896	3.22	20.37	6.17	48.7	198	19.3	6.4	25	2.02	253.0	1.6	34.6	11.8	30.8	.03	.73	.20	5	.02	.015	30.0	9.0	.01	94.5	<.001	<1	.15	.025	.20	1.9	1.9	.04	.18	<5	.8	.05	.5	15
75897	22.67	10.49	4.01	18.4	71	19.0	4.3	73	.85	241.7	1.9	52.0	6.8	33.4	.16	.47	.06	3	.03	.012	13.0	18.0	.02	44.2	<.001	2	.15	.006	.11	1.2	2.6	.03	.07	<5	.4	.02	.4	15
75898	1.16	12.77	7.07	7.0	170	3.5	.5	28	1.19	770.1	1.3	48.9	11.8	26.3	.02	.75	.12	4	.05	.016	27.5	14.0	.08	127.5	.001	1	.30	.010	.21	3.9	1.3	.06	.10	<5	.2	.04	1.0	15
75899	2.30	11.79	15.52	72.7	63	38.3	23.1	692	2.28	61.0	4.4	8.1	11.0	218.9	.23	3.07	.08	10	1.37	.012	25.6	23.1	.38	32.5	.005	<1	.17	.046	.07	.8	7.3	<.02	.19	<5	.3	.06	.4	15
76644	.57	4.40	6.34	11.5	41	3.4	.6	111	.38	8.2	.3	2.9	3.9	113.1	.05	.40	.02	5	.04	.004	9.4	16.1	.04	37.2	.010	1	.07	.003	.04	5.6	.2	<.02	<.01	<5	<.1	<.02	.6	15
76645	2.95	7.62	67.83	15.5	127	8.5	1.9	144	.74	7.7	.4	1.6	6.5	10.7	.02	.26	.90	5	.03	.009	6.5	22.5	.15	21.7	.001	<1	.27	.005	.06	1.0	.5	.02	<.01	<5	<.1	.02	1.3	15
76646	.45	24.71	2.27	5.8	122	11.9	3.1	230	.92	87.2	.2	7.4	5.4	19.6	.03	.22	.02	3	.15	.027	12.4	15.1	.07	37.2	.001	1	.25	.055	.06	3.7	.9	<.02	<.01	<5	<.1	.02	.6	15
STANDARD DS2	13.33	123.33	31.33	158.0	263	33.6	10.9	805	2.95	52.0	18.9	210.1	3.5	25.5	9.90	9.68	11.57	74	.47	.087	14.8	149.5	.57	140.3	.086	3	1.52	.025	.13	7.9	2.6	1.87	.02	226	2.4	1.82	5.6	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 9/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76647	3.84	15.29	2.57	6.3	77	9.1	1.4	241	.82	8.5	.4	1.6	.4	24.5	.02	.20	.03	6	.37	.001	4.7	20.6	.02	14.7	<.001	<1	.04	.014	.01	1.3	.9	<.02	.02	<5	<.1	<.02	.1	15
76648	.54	4.49	1.21	4.1	23	4.0	1.2	323	.49	356.7	<.1	23.6	.9	65.0	.01	.31	.02	2	.95	.002	3.1	16.7	.06	8.9	<.001	2	.11	.003	.03	5.9	.2	<.02	.02	<5	<.1	.02	.3	15
76649	3.50	21.21	8.80	29.5	176	13.4	5.3	631	1.24	129.9	.5	254.3	3.0	4.2	.08	.29	.09	12	.05	.019	9.6	19.9	.28	46.8	.003	3	.53	.004	.06	.9	.9	.02	<.01	5	.2	.03	1.7	15
76650	.43	10.63	2.60	7.9	25	3.0	1.0	67	.38	8.3	.1	2.5	3.8	1.7	.02	.14	.08	2	.02	.006	10.1	13.2	.05	12.2	.001	2	.11	.002	.03	4.2	.2	<.02	<.01	<5	<.1	<.02	.3	15
76651	3.77	16.41	5.03	9.5	66	7.7	1.4	97	.40	244.6	.1	60.0	2.7	2.4	.05	.42	.03	2	.01	.005	6.9	20.5	.06	47.6	.001	3	.11	.002	.03	1.5	.2	<.02	.04	<5	.1	<.02	.3	15
76652	.50	2.95	13.57	20.2	58	3.5	.7	125	.36	8.2	.4	2.4	.2	239.3	.12	.27	.03	3	9.65	.013	2.3	10.0	.28	15.2	<.001	<1	.05	.001	.03	2.0	.6	<.02	.02	<5	.3	.04	.2	15
76653	7.52	126.66	4.70	522.2	200	107.3	11.5	137	10.82	3331.6	7.1	.8	3.9	49.8	14.36	3.59	.08	25	.07	.182	13.4	16.3	.03	530.0	<.001	2	.37	.028	.14	.6	2.9	.14	.14	7	3.3	.10	1.2	15
76654	1.53	31.26	3.16	15.0	110	6.1	1.0	19	.92	224.0	2.0	66.4	8.9	13.4	.57	.40	.06	<2	.14	.033	26.6	7.2	.01	60.6	<.001	<1	.11	.042	.03	2.6	.5	<.02	.02	<5	3.7	.07	.7	15
76655	6.88	19.04	49.99	14.1	740	8.5	.5	27	3.38	1209.1	.3	116.5	.8	20.2	.23	1.19	.52	10	.01	.024	3.1	23.0	<.01	111.2	.001	<1	.07	.022	.32	1.0	.5	.09	.89	5	8.2	.08	1.3	15
76656	.84	15.37	68.61	17.7	614	2.1	.3	82	1.25	11.3	2.4	1.5	3.6	64.0	.18	.31	.36	56	.11	.120	9.5	45.9	.29	323.2	.008	<1	.35	.048	.14	2.8	3.3	.08	.28	19	2.5	.12	2.4	15
76657	13.43	10.19	13.41	12.1	204	5.4	.3	48	.53	12.4	7.2	1.4	4.3	22.6	.10	.32	.08	53	.03	.071	15.7	35.9	.19	362.6	.016	<1	.31	.014	.18	.9	1.6	.07	.06	37	2.2	.04	2.1	15
76658	.40	10.25	70.81	5.1	66	1.5	.2	56	.34	39.1	1.6	2.7	19.5	3.3	.04	.22	.07	<2	<.01	.004	14.8	10.7	<.01	37.9	<.001	<1	.11	.052	.07	3.9	.1	.02	<.01	<5	<.1	<.02	.7	15
RE 76658	.38	9.84	68.08	4.7	51	1.4	.2	55	.34	37.6	1.5	2.2	17.9	3.2	.03	.22	.07	2	<.01	.004	14.6	10.4	<.01	38.3	<.001	2	.11	.052	.07	3.7	.1	.02	<.01	<5	<.1	<.02	.7	15
76714	2.14	2.80	14.55	12.1	44	3.7	.7	1130	.57	7.5	1.1	.9	20.2	5.6	.12	.22	.28	3	.01	.004	18.4	11.1	.01	90.9	.001	2	.11	.004	.13	.6	.3	.03	.01	<5	<.1	<.02	.4	15
76721	.84	8.89	3.67	5.7	335	7.9	2.7	70	1.25	7879.6	.1	439.4	.3	18.1	.05	2.77	.54	2	.02	.004	.6	19.7	<.01	306.4	<.001	5	.02	.003	.03	4.9	.3	.03	.62	<5	6.6	.78	.1	15
76722	12.13	21.20	7.07	7.9	399	13.8	3.5	456	1.41	934.1	1.3	70.1	15.8	169.3	.05	.91	.04	3	1.06	.019	27.0	14.3	.47	96.0	<.001	2	.11	.018	.10	.9	2.6	.03	1.00	<5	.5	.04	.3	15
76723	1.31	59.37	4.40	45.0	205	23.0	11.9	1814	5.31	896.2	6.8	159.6	4.0	539.1	.09	.74	.05	29	2.80	.003	3.2	20.2	1.45	47.8	.003	2	.58	.019	.04	3.0	4.1	.03	1.43	<5	.5	.07	2.5	15
76724	1.93	91.58	16.77	51.9	116	125.6	41.5	565	2.59	16.4	.8	5.0	5.2	1200.0	.16	.30	.10	61	8.05	.374	27.1	83.1	1.44	54.8	.159	<1	1.11	.164	.11	.3	3.2	.04	.72	<5	.3	.14	5.7	15
STANDARD DS2	13.20	122.27	31.93	161.7	258	32.4	10.4	772	2.83	55.4	18.3	212.9	3.3	24.9	9.49	9.16	11.29	68	.45	.082	14.5	138.5	.54	137.6	.081	4	1.56	.026	.12	7.5	2.4	1.85	.03	217	2.3	1.77	5.4	15

Sample type: ROCK. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC V5A 1R6 [redacted] PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002611 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
71648	.81	44.93	18.41	85.4	44	44.0	18.8	412	3.74	9.0	1.6	.9	16.4	17.5	.04	.28	.17	40	.31	.040	50.8	66.9	.99	163.4	.109	<1	2.05	.006	.24	<.2	2.6	.22	.01	11	.2	.06	6.5	15
71649	.92	20.65	25.72	56.4	70	25.9	9.1	201	2.79	4.7	.8	1.3	7.1	17.5	.04	.29	.15	57	.19	.023	38.2	49.3	.65	150.0	.106	<1	1.55	.009	.21	<.2	2.4	.14	.02	15	.1	.04	6.8	15
71650	1.51	16.05	10.79	74.9	58	22.6	11.1	370	3.43	13.2	.3	3.1	3.3	12.3	.13	.57	.19	79	.11	.038	7.2	38.5	.65	247.4	.085	<1	2.39	.007	.08	<.2	2.8	.06	.03	20	.2	.05	7.3	15
71651	.80	22.68	12.04	66.2	33	19.7	7.1	169	2.94	13.8	.3	1.3	6.4	9.0	.05	.36	.20	65	.08	.016	14.1	32.1	.49	137.0	.100	<1	2.05	.007	.11	<.2	2.2	.12	.01	18	.3	.06	6.2	15
71652	.72	15.31	11.39	55.9	58	12.2	6.4	192	2.20	7.3	.3	1.6	3.0	19.1	.07	.36	.18	58	.20	.019	9.0	24.8	.54	139.7	.092	<1	1.46	.011	.03	<.2	2.5	.05	.01	16	.2	.04	5.1	15
71653	.76	19.72	7.93	74.3	79	16.0	9.9	260	2.69	9.3	.5	3.2	3.7	24.3	.09	.33	.12	71	.31	.044	10.7	38.2	.87	188.7	.109	1	1.75	.014	.07	<.2	3.2	.06	.01	22	.2	.02	5.8	15
71654	.73	21.04	10.97	70.6	94	17.8	10.5	265	3.00	6.6	.6	2.3	3.5	31.3	.08	.37	.16	76	.37	.029	12.8	46.3	.74	377.8	.097	1	2.34	.011	.05	<.2	3.8	.08	.01	26	.2	.04	7.3	15
71655	.84	21.59	10.18	59.6	76	17.1	10.8	442	2.83	6.9	.9	.7	3.7	32.2	.11	.36	.19	67	.37	.044	19.7	35.2	.62	294.6	.082	1	2.01	.012	.06	<.2	3.5	.07	.01	23	.3	.04	7.1	15
71656	.71	17.15	9.98	51.7	81	13.3	6.8	162	2.68	5.2	.7	1.0	3.0	42.6	.07	.24	.18	62	.32	.035	10.8	30.8	.62	268.3	.087	1	2.08	.012	.04	<.2	3.4	.09	.03	34	.3	.03	8.4	15
71657	.54	12.58	9.76	59.8	43	13.9	7.3	243	2.57	5.5	.6	2.0	3.6	34.6	.08	.30	.15	64	.42	.035	12.8	31.6	.64	269.1	.078	<1	1.86	.011	.04	<.2	3.0	.07	.02	22	.2	.03	6.4	15
71658	.75	16.29	7.43	53.2	71	15.6	8.2	376	2.04	5.8	.6	7.0	2.9	30.4	.14	.42	.12	51	.54	.062	11.2	25.0	.50	271.6	.073	<1	1.23	.016	.04	.3	2.6	.05	.02	31	.2	.03	3.9	15
71659	.51	19.67	10.11	60.0	85	15.0	7.4	223	2.27	5.7	1.1	1.3	4.1	28.2	.13	.40	.22	50	.36	.048	15.3	27.3	.49	297.5	.079	1	1.65	.012	.04	<.2	3.0	.05	.01	37	.3	.05	4.9	15
71660	.26	27.38	12.92	58.1	83	18.8	10.2	363	2.59	8.0	1.6	2.6	5.7	30.0	.12	.55	.20	57	.70	.044	18.6	31.7	.51	337.7	.092	1	1.69	.014	.05	<.2	4.0	.06	.04	41	.4	.03	5.1	15
71661	.19	28.40	10.09	54.5	96	23.0	9.2	248	2.25	7.1	1.0	5.9	4.3	36.0	.25	.69	.17	55	1.13	.049	15.4	27.5	.59	321.8	.079	1	1.54	.017	.04	<.2	3.5	.05	.04	50	.6	.03	4.3	15
71662	.22	30.90	9.97	63.0	104	23.8	12.0	199	2.77	11.2	.8	2.9	3.9	45.4	.25	.67	.17	58	1.53	.056	15.4	31.5	.64	271.5	.080	2	1.68	.019	.05	<.2	3.8	.06	.05	55	.7	.04	4.9	15
71663	.18	29.59	10.25	63.8	95	24.6	10.0	340	2.40	8.2	.4	4.4	3.9	37.5	.25	.70	.17	55	1.56	.056	15.0	31.4	.79	269.9	.083	3	1.71	.020	.05	<.2	3.6	.06	.03	46	.5	.02	5.0	15
71665	.22	30.11	9.58	61.4	90	25.0	10.2	307	2.48	7.9	.7	3.4	3.2	49.0	.29	.62	.17	56	1.78	.067	15.5	32.1	.76	306.2	.080	2	1.78	.018	.05	<.2	3.7	.05	.05	49	.6	.02	4.8	15
71666	.44	21.99	11.60	64.4	97	19.7	9.5	361	2.39	7.9	.4	2.7	3.7	49.6	.23	.45	.19	51	1.89	.052	16.9	31.0	.94	280.2	.085	2	1.77	.020	.06	<.2	3.6	.06	.03	45	.5	.05	5.0	15
RE 71666	.44	21.52	11.60	64.2	93	20.1	9.4	360	2.35	7.9	.4	4.0	3.5	49.3	.23	.46	.19	50	1.89	.053	16.5	31.6	.93	279.1	.083	2	1.73	.019	.05	<.2	3.6	.06	.04	47	.4	.03	4.8	15
71668	.21	28.46	12.06	58.1	100	22.5	11.5	232	2.81	8.0	1.5	3.6	5.6	38.8	.15	.59	.20	62	1.20	.047	20.4	31.6	.67	363.1	.090	2	1.83	.016	.06	<.2	4.3	.06	.04	48	.6	.06	5.5	15
71669	.34	19.66	16.07	51.2	92	16.9	8.6	410	2.30	6.2	.7	4.9	4.1	49.3	.30	.37	.30	48	1.69	.035	16.8	29.0	.70	361.6	.069	2	1.73	.016	.05	<.2	3.6	.05	.04	44	.4	.04	4.9	15
71670	.95	20.60	11.94	72.8	113	21.2	14.2	632	2.52	7.1	1.1	2.1	3.4	41.5	.24	.45	.17	58	.54	.069	17.3	29.9	.64	425.6	.078	2	1.59	.020	.05	<.2	3.5	.07	.02	48	.4	.03	5.1	15
71671	.74	20.25	7.82	62.8	81	24.5	10.0	438	2.28	8.6	.4	3.3	3.5	36.1	.22	.60	.13	53	.71	.085	11.6	26.0	.72	243.7	.089	1	1.18	.031	.08	.2	2.8	.06	.01	31	.3	.04	3.5	15
71672	.87	19.06	8.18	65.4	49	20.6	10.1	545	2.35	7.2	.4	13.3	3.2	33.6	.26	.57	.15	56	.59	.056	10.4	27.1	.55	303.1	.086	1	1.36	.021	.07	<.2	2.9	.04	.02	25	.3	.02	4.1	15
71673	.25	19.79	16.39	61.1	70	13.6	6.3	151	2.14	6.3	1.2	4.3	6.1	39.3	.13	.52	.24	50	.56	.045	17.1	27.6	.47	318.5	.075	1	1.51	.014	.04	<.2	3.3	.06	.02	43	.3	.03	4.6	15
71674	.42	19.35	14.58	59.9	80	15.6	10.5	305	2.70	9.6	1.7	4.3	5.7	45.4	.13	.53	.49	60	.87	.047	18.7	28.7	.55	390.9	.066	1	1.76	.013	.04	<.2	3.9	.07	.02	45	.4	.02	5.6	15
71675	.65	25.48	8.94	61.0	103	26.4	10.2	449	2.34	9.8	.4	4.5	3.6	33.8	.19	.62	.16	51	.60	.066	12.5	27.1	.59	295.5	.072	1	1.26	.023	.06	<.2	3.2	.05	.01	28	.5	.02	3.7	15
71676	.92	17.11	8.42	60.2	73	18.5	8.1	422	2.13	15.0	.6	2.5	2.8	41.9	.22	.49	.14	47	.69	.059	11.5	26.4	.53	289.4	.065	1	1.24	.018	.05	.2	2.6	.05	.03	33	.5	.02	3.9	15
71677	1.17	40.49	40.53	60.4	33	33.1	10.5	331	3.59	66.8	.9	1.1	8.0	14.5	.10	.45	.48	48	.11	.037	20.5	41.2	.74	130.8	.102	<1	1.88	.007	.40	<.2	2.7	.26	.02	18	.5	.04	5.9	15
71678	.86	11.54	16.78	36.0	66	17.4	10.3	352	2.31	11.8	.4	.6	4.8	32.1	.05	.50	.17	53	.33	.020	10.9	30.1	.42	226.3	.065	<1	1.41	.008	.11	<.2	2.7	.07	.01	13	.3	.03	4.1	15
71679	1.40	17.28	11.69	45.0	90	19.5	19.2	1630	2.59	9.1	.4	2.3	3.4	26.0	.16	.42	.18	61	.31	.040	8.8	31.2	.42	368.6	.070	<1	1.59	.011	.06	<.2	2.7	.08	.01	24	.4	.03	5.1	15
71680	.74	18.74	10.21	43.1	44	17.2	9.2	335	2.18	12.4	.5	5.6	5.0	27.7	.07	.44	.14	51	.43	.044	13.0	26.3	.47	243.4	.090	<1	1.32	.018	.05	<.2	2.6	.04	.01	14	.3	.03	3.9	15
71681	.56	30.40	10.16	59.0	56	25.2	8.7	328	2.48	10.3	.5	3.0	5.0	31.9	.10	.66	.17	54	.47	.051	15.6	30.1	.58	332.3	.099	<1	1.55	.022	.06	<.2	3.6	.06	.01	41	.3	.04	4.4	15
STANDARD DS2	14.20	131.15	33.56	158.7	271	35.0	12.0	840	3.07	60.2	19.8	228.6	3.5	25.2	10.72	9.98	11.15	71	.49	.092	14.8	152.7	.59	148.9	.087	2	1.60	.027	.15	7.6	2.7	1.88	.04	248	2.5	1.97	5.6	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 11/00 **SIGNED BY.** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
71682	.99	18.15	10.19	48.6	52	16.4	8.5	414	2.11	6.8	.8	3.5	3.3	36.6	.21	.52	.16	47	.50	.065	10.5	25.3	.49	268.1	.078	1	1.35	.016	.05	.2	2.7	.05	.03	38	.4	.04	4.1	15
71683	.82	20.36	11.46	56.6	65	18.6	9.1	457	2.32	10.7	.6	2.5	3.6	34.0	.20	.52	.17	56	.50	.052	12.0	27.6	.50	290.7	.080	1	1.50	.016	.06	<.2	2.8	.05	<.01	19	.3	.03	4.7	15
71684	.70	31.21	10.18	75.7	137	27.0	10.5	473	2.56	10.7	.7	4.1	3.8	50.6	.42	.69	.18	59	.77	.075	13.2	27.5	.61	422.5	.082	1	1.52	.027	.07	.2	3.4	.05	.04	38	.6	.05	4.4	15
71685	.49	19.28	7.80	54.8	59	19.4	7.6	278	2.02	10.0	.6	2.5	3.8	33.8	.15	.51	.11	50	.56	.073	12.2	23.2	.49	270.7	.083	1	1.13	.024	.05	.3	2.4	.04	.01	23	.3	.04	3.4	15
71686	.83	21.39	8.78	57.4	93	18.0	10.0	417	2.17	9.3	.6	3.6	3.7	31.0	.20	.51	.14	52	.49	.075	11.7	25.0	.48	315.2	.077	1	1.27	.018	.04	.3	2.5	.05	.02	24	.4	.04	3.8	15
71687	1.01	14.34	8.07	53.1	62	15.1	7.5	362	2.22	11.2	.6	4.0	3.8	30.7	.15	.55	.13	56	.50	.073	11.8	24.5	.47	247.0	.079	1	1.19	.018	.04	.4	2.2	.04	.01	31	.4	.02	3.6	15
71688	.72	18.45	7.53	50.0	64	16.7	6.6	237	2.01	8.8	.6	7.1	3.5	27.8	.11	.47	.13	49	.43	.064	11.7	22.9	.44	248.8	.079	<1	1.18	.016	.04	.3	2.4	.04	.01	40	.4	.03	3.9	15
71689	.93	15.20	18.98	61.2	37	18.5	9.8	697	2.30	22.7	.4	<.2	3.7	22.7	.18	.44	.22	53	.28	.057	9.1	26.1	.42	325.5	.056	1	1.45	.010	.10	1.0	2.3	.07	<.01	21	.3	.05	4.8	15
71690	1.13	13.47	12.88	62.0	47	18.3	7.5	386	2.56	94.0	.4	2.7	3.6	20.4	.24	.63	.16	57	.26	.033	10.4	25.4	.37	197.0	.051	1	1.42	.008	.17	<.2	2.0	.08	.01	27	.3	.05	5.0	15
71691	.70	12.49	12.88	50.9	54	16.0	6.8	167	2.22	28.6	.3	1.6	3.4	20.3	.11	.47	.15	52	.23	.030	9.7	28.6	.48	173.2	.097	<1	1.44	.009	.08	<.2	2.2	.06	<.01	15	.2	<.02	4.8	15
71692	.66	16.17	9.91	51.7	56	19.3	8.1	214	2.47	20.9	.4	5.1	4.1	33.3	.13	.48	.15	57	.43	.055	10.2	31.1	.55	231.0	.093	1	1.58	.016	.07	<.2	2.8	.05	<.01	28	.3	.04	4.9	15
71693	.94	21.49	10.49	60.2	111	19.1	10.4	441	2.51	15.8	.7	2.6	3.4	38.9	.20	.46	.16	59	.48	.055	11.4	32.3	.56	294.4	.094	1	1.60	.017	.08	<.2	3.1	.05	.03	29	.3	.04	5.0	15
76715	.50	14.69	12.59	48.7	38	17.7	9.2	225	2.19	15.1	.6	3.0	4.3	32.5	.07	.40	.13	56	.31	.026	12.2	33.9	.53	216.1	.112	<1	1.41	.013	.08	<.2	2.5	.05	.01	18	.2	.03	4.2	15
RE 76716	.68	26.02	12.70	65.4	74	26.6	10.4	421	2.69	14.8	1.0	3.8	5.7	41.1	.20	.58	.16	61	.53	.062	17.1	35.0	.60	330.7	.105	1	1.66	.023	.08	.3	3.6	.06	.03	28	.5	.03	5.2	15
76716	.64	26.78	13.04	65.2	89	26.5	10.1	427	2.70	15.0	1.0	3.0	5.5	40.5	.21	.60	.17	61	.52	.062	15.4	34.9	.61	342.6	.095	1	1.61	.019	.07	.2	3.6	.06	.05	21	.5	.03	5.0	15
76717	.78	27.38	15.38	60.7	89	22.8	10.0	422	2.44	12.3	.8	4.0	4.3	44.4	.21	.66	.16	54	.63	.056	13.2	28.0	.57	359.0	.087	1	1.49	.023	.06	<.2	3.4	.06	.02	37	.5	.04	4.3	15
76718	.76	20.57	8.37	54.7	91	17.7	7.4	291	2.12	7.9	.6	2.1	2.7	33.5	.13	.47	.14	49	.53	.069	11.2	26.8	.51	295.0	.075	1	1.33	.018	.05	.2	2.7	.05	.02	32	.3	.02	3.9	15
76719	1.00	26.56	10.73	66.1	112	22.2	10.0	374	2.48	14.6	.8	10.9	4.6	35.9	.20	.55	.17	59	.53	.077	14.7	30.0	.58	278.5	.081	1	1.48	.021	.08	.5	3.2	.06	.04	40	.4	.03	4.6	15
76720	.81	16.72	9.87	56.6	48	17.6	7.8	303	2.33	19.0	.5	2.3	3.7	21.1	.11	.51	.15	57	.25	.043	10.0	30.2	.49	250.2	.066	1	1.43	.011	.06	.2	3.1	.04	.01	20	.3	.03	4.2	15
76725	.89	21.61	9.93	57.5	68	18.3	10.8	512	2.52	17.3	.7	3.3	3.8	35.9	.19	.44	.16	58	.47	.054	10.8	29.4	.49	279.2	.095	1	1.62	.017	.08	.2	3.1	.05	.02	28	.4	.03	5.2	15
STANDARD	14.21	129.37	34.40	157.0	272	35.1	11.8	832	3.04	56.9	19.0	219.1	3.4	25.5	10.20	9.38	11.17	74	.49	.097	13.8	150.2	.58	147.5	.088	2	1.59	.029	.14	7.8	2.6	1.82	.03	230	2.3	1.82	5.5	15

Standard is STANDARD DS2. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC V6A 1R6 [redacted] PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002612

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64649	.67	17.78	11.85	76.9	76	17.1	9.4	508	2.10	20.0	.9	2.5	3.2	68.5	.22	.45	.11	48	.60	.069	12.3	25.0	.53	283.3	.057	<1	1.10	.016	.07	.2	2.8	.05	.01	32	.5	.03	3.5	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -150 SILT

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 13/00 **SIGNED BY.** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ____

[redacted] ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC [redacted] 1R[redacted] PHONE(60[redacted]53-[redacted] FAX(604) [redacted]171 [redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002613 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64622	.58	12.80	9.16	47.7	66	15.3	7.5	332	2.02	7.6	.6	1.9	2.5	27.9	.14	.37	.13	50	.45	.055	9.9	23.5	.48	211.5	.065	<1	1.11	.014	.04	.2	2.2	.05	.03	36	.3	.02	3.9	15
64623	.72	27.04	13.62	47.3	72	26.0	10.2	449	2.60	12.8	.5	3.0	5.3	28.7	.06	.65	.19	62	.38	.022	15.8	32.5	.53	240.0	.075	<1	1.41	.013	.08	<.2	4.0	.05	.03	23	.3	.03	4.4	15
64624	.73	15.42	18.47	36.7	69	23.0	12.4	385	2.53	5.6	.4	1.8	6.8	22.3	.04	.32	.19	52	.26	.015	12.9	32.9	.57	211.7	.093	1	1.57	.011	.22	<.2	2.5	.13	.01	10	<.1	.02	5.6	15
64625	.74	23.30	11.72	44.5	66	24.2	10.7	284	2.90	7.7	.5	1.8	6.4	24.6	.05	.50	.14	63	.28	.017	14.8	38.2	.59	174.7	.085	<1	1.71	.009	.14	<.2	3.6	.07	.01	19	.2	.03	5.4	15
64626	.88	18.19	11.15	44.2	35	32.7	9.4	281	2.60	8.6	.3	.8	3.5	20.0	.04	.57	.16	64	.23	.031	8.9	39.3	.52	136.5	.059	<1	1.49	.007	.12	<.2	2.7	.06	<.01	7	.2	.02	4.9	15
64627	.53	15.31	11.86	47.3	41	21.4	8.3	256	2.43	11.8	.4	1.1	5.5	21.2	.05	.43	.14	52	.25	.015	15.3	29.1	.45	202.2	.057	<1	1.28	.007	.11	<.2	2.2	.06	.02	10	.1	<.02	4.3	15
64628	.59	22.09	12.62	49.6	36	24.1	10.6	296	2.72	11.3	.5	1.3	5.7	30.8	.08	.58	.17	59	.47	.036	13.8	34.6	.57	253.3	.094	<1	1.57	.016	.09	.3	3.2	.06	.02	20	.3	.02	5.1	15
64629	.53	22.62	12.74	45.5	55	20.4	9.9	360	2.39	9.6	.7	2.5	4.9	33.4	.09	.55	.17	53	.52	.031	14.3	29.1	.51	307.1	.088	<1	1.46	.018	.09	<.2	3.2	.06	.03	24	.2	.02	4.7	15
64630	.70	19.87	13.31	50.3	59	22.6	8.7	354	2.58	9.6	.6	1.5	5.5	28.4	.14	.55	.17	54	.44	.033	14.1	32.5	.59	278.4	.098	1	1.56	.015	.18	<.2	2.8	.08	.03	16	.3	.03	5.1	15
64631	.69	16.67	14.92	42.3	50	19.0	9.3	310	2.38	12.7	.6	1.0	5.1	24.5	.05	.50	.17	55	.32	.016	12.5	29.9	.48	226.9	.098	1	1.42	.012	.17	<.2	2.5	.08	.02	19	.2	.04	4.8	15
64632	.62	20.85	12.87	64.3	119	21.9	10.7	375	2.75	16.9	.7	5.2	5.4	33.1	.14	.51	.18	57	.37	.049	15.5	35.2	.59	235.4	.101	<1	1.75	.013	.12	.2	3.0	.11	.02	55	.3	.02	5.9	15
64633	1.14	25.84	8.12	100.4	73	22.6	6.7	350	2.47	118.6	.9	12.0	3.6	26.5	.26	.60	.13	40	.27	.053	10.9	20.8	.80	309.4	.086	<1	1.43	.011	.18	.2	2.6	.12	.02	25	.4	.03	4.6	15
64634	.77	18.34	4.47	107.0	91	16.6	5.9	398	2.97	126.5	.5	7.5	2.0	17.5	.14	.32	.07	59	.28	.100	5.3	7.8	1.03	300.2	.131	<1	1.80	.005	.59	<.2	3.9	.15	.02	17	.3	<.02	7.3	15
64635	1.26	16.78	7.39	65.3	107	15.4	6.9	403	2.46	81.9	.8	10.9	3.3	23.4	.15	.52	.12	49	.27	.055	11.7	18.8	.64	365.2	.085	<1	1.40	.010	.12	<.2	3.0	.08	.01	21	.4	<.02	5.0	15
64636	6.32	46.85	34.38	153.0	528	37.3	34.7	3301	3.73	170.7	1.5	22.4	2.8	103.0	1.03	.96	.24	81	.67	.126	17.2	35.6	1.05	508.6	.055	<1	1.30	.029	.10	<.2	3.0	.16	.16	49	1.8	.08	4.6	15
64637	1.78	30.50	10.04	46.9	631	14.5	2.7	100	1.06	13.2	1.3	6.1	.2	57.2	.75	.30	.13	20	.23	.051	13.4	18.0	.17	391.6	.013	2	.55	.008	.06	<.2	.8	.11	.12	43	1.3	.03	2.7	15
64638	4.16	36.20	13.91	98.1	230	31.1	8.3	358	2.22	65.2	1.4	23.9	.2	54.8	.45	.88	.25	44	.16	.061	16.2	23.9	.31	294.7	.020	1	.85	.013	.08	<.2	.7	.12	.09	28	1.4	.09	4.8	15
64639	5.97	80.65	25.78	135.0	1431	39.4	7.9	457	3.20	312.0	2.7	17.3	3.5	109.1	1.23	1.96	.30	62	.21	.052	27.1	23.1	.35	795.9	.023	<1	.87	.011	.18	<.2	2.1	.18	.38	51	2.5	.16	4.0	15
64640	2.83	29.26	12.28	116.0	219	30.9	6.3	171	2.36	152.0	1.0	6.5	3.8	36.0	.42	1.62	.21	48	.05	.049	16.5	13.1	.18	273.6	.034	<1	.74	.010	.09	<.2	1.5	.12	.14	26	2.3	.07	4.4	15
RE 64641	1.31	21.84	14.03	61.2	151	32.7	7.6	249	2.40	129.1	.6	16.6	1.8	18.4	.22	.68	.21	62	.15	.051	12.1	30.5	.42	446.6	.068	<1	1.29	.006	.05	<.2	2.0	.08	.05	25	.5	.05	5.8	15
64641	1.31	22.46	13.75	61.8	148	31.8	7.5	247	2.47	133.2	.6	16.3	1.9	19.5	.23	.67	.22	64	.16	.048	13.0	31.3	.43	447.5	.077	1	1.34	.007	.05	<.2	2.0	.10	.05	18	.4	.06	6.1	15
64642	.63	15.02	21.27	72.3	101	15.7	8.3	380	2.18	124.5	.8	6.3	4.0	33.2	.20	.51	.12	48	.53	.080	14.2	22.5	.55	295.4	.055	1	1.20	.014	.07	.2	2.8	.06	.10	22	.3	.02	4.3	15
71618	1.31	24.63	23.82	64.7	174	18.0	12.0	774	2.63	27.0	.9	3.3	2.2	23.2	.30	.80	.19	63	.25	.046	10.9	33.2	.43	327.1	.053	<1	1.51	.011	.05	<.2	2.8	.07	.02	35	.6	.03	5.2	15
71619	.46	26.92	24.08	29.8	202	14.7	5.1	239	1.19	25.7	3.1	9.2	2.2	105.3	.13	.61	.11	18	2.80	.060	24.1	14.3	.32	375.0	.023	5	.79	.017	.10	<.2	1.5	.07	.23	82	1.0	.03	2.3	15
71620	2.59	47.23	15.87	231.6	1725	46.5	15.2	605	3.22	133.1	1.1	3.1	3.9	31.2	2.24	1.95	.23	72	.16	.049	16.4	31.9	.47	710.5	.042	<1	1.93	.011	.09	<.2	3.3	.10	.04	36	.8	.04	5.9	15
71621	5.68	86.34	25.48	327.1	579	82.2	11.3	189	3.85	181.2	1.7	1.8	5.6	65.2	1.14	4.14	.30	70	.12	.070	20.4	29.8	.45	740.8	.027	<1	1.76	.007	.10	.3	2.8	.11	.07	15	2.3	.13	4.4	15
71622	3.96	34.74	17.82	185.5	511	41.5	6.9	515	2.92	105.9	.7	1.2	1.3	37.8	2.38	2.85	.24	61	.19	.116	9.8	21.1	.23	1028.5	.036	<1	.99	.009	.09	.3	1.9	.07	.08	34	.7	.10	4.6	15
71623	2.26	15.30	14.49	96.7	564	17.8	11.2	612	2.50	33.8	.3	1.2	2.5	26.5	.52	.96	.22	69	.22	.058	9.2	24.9	.34	577.3	.052	<1	1.34	.010	.05	<.2	1.9	.08	.05	22	.4	.05	5.7	15
71624	1.71	18.77	10.89	46.5	342	14.0	4.1	127	1.69	52.8	.5	.9	1.1	15.8	.27	1.29	.20	47	.11	.033	10.9	14.0	.20	257.5	.055	<1	.78	.009	.05	<.2	1.4	.08	.05	20	.4	.04	4.5	15
71625	3.10	37.80	15.50	82.0	338	23.6	11.2	428	3.14	127.4	1.3	3.1	2.8	24.8	.43	1.36	.27	81	.16	.062	12.5	29.6	.39	626.6	.057	<1	2.00	.010	.07	<.2	2.8	.11	.07	32	.8	.06	7.7	15
71626	5.39	68.94	19.56	238.8	284	53.0	5.9	192	2.74	111.8	1.9	1.8	3.0	28.5	1.27	3.86	.23	59	.13	.102	14.7	21.2	.24	381.2	.058	<1	.99	.007	.04	.3	2.4	.07	.08	24	2.1	.06	3.6	15
71627	3.63	39.53	9.19	175.9	306	48.9	7.6	350	3.87	112.2	1.5	414.0	3.2	31.7	.75	1.51	.15	67	.47	.190	13.2	38.0	.99	780.0	.090	<1	2.07	.009	.16	<.2	3.7	.17	.04	28	1.1	.06	6.9	15
71628	1.29	37.83	38.01	83.2	285	28.6	11.8	626	2.55	97.5	1.8	9.3	4.1	87.5	.39	1.85	.23	44	.94	.075	17.8	24.1	.57	345.7	.039	<1	1.09	.019	.11	<.2	3.3	.08	.13	57	1.0	.05	3.5	15
STANDARD DS2	14.21	126.42	33.17	153.7	272	35.3	11.2	808	3.12	55.2	19.5	225.4	3.3	23.6	10.36	9.75	10.81	74	.47	.090	13.7	148.1	.57	143.1	.087	2	1.56	.029	.14	8.0	2.6	1.86	.04	239	2.2	1.83	5.8	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 11/00 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
71629	1.98	50.74	38.52	147.7	429	50.4	16.8	922	3.13	433.2	1.8	9.7	6.0	116.5	.83	6.17	.29	40	1.02	.093	25.9	29.0	.66	339.3	.021	1	1.14	.008	.14	<.2	3.6	.16	.06	47	1.4	.08	3.7	15
71630	2.15	30.70	22.87	95.9	338	29.5	10.2	819	2.74	63.8	.7	.6	3.4	27.1	.46	2.05	.26	61	.08	.036	15.2	22.4	.41	339.8	.026	1	1.28	.007	.06	.3	2.0	.10	.04	23	.6	.05	4.9	15
71631	5.06	39.78	57.63	99.5	366	32.6	5.3	213	2.07	116.6	1.3	1.2	.8	46.5	.38	3.30	.38	56	.03	.058	13.5	17.8	.12	156.7	.025	1	.51	.011	.08	<.2	.8	.11	.10	28	1.4	.08	4.6	15
71634	.36	8.57	14.57	11.6	205	3.4	1.3	61	.55	2.7	.5	1.1	.6	12.9	.26	.16	.11	19	.09	.017	14.9	6.4	.05	176.7	.024	2	.36	.011	.04	<.2	.5	.05	.02	23	.2	<.02	2.7	15
71635	1.07	15.11	30.34	51.3	17	14.3	5.5	214	2.79	25.7	.6	4.6	3.3	6.1	.09	.72	.35	78	.03	.030	8.2	21.9	.32	60.9	.076	<1	1.24	.004	.10	<.2	1.3	.14	.01	12	.3	.04	8.8	15
71636	.73	21.88	40.13	63.3	80	24.9	13.1	339	3.57	11.7	.6	1.9	5.6	18.8	.11	.46	.14	74	.26	.076	17.0	38.7	.92	188.5	.088	<1	2.07	.015	.03	<.2	2.6	.11	<.01	15	.3	.03	6.6	15
71637	.98	10.31	17.25	42.6	68	11.7	5.8	226	2.09	12.5	.4	2.9	4.0	13.4	.09	.46	.19	56	.14	.058	10.8	17.7	.30	100.5	.080	1	1.09	.008	.08	<.2	1.7	.08	.01	10	.2	.03	6.3	15
71638	3.42	56.48	16.53	148.8	323	46.0	10.8	334	3.29	311.4	1.6	44.0	4.6	37.3	.66	1.36	.20	67	.17	.086	16.6	34.0	.64	346.5	.069	<1	1.48	.009	.07	<.2	2.8	.09	.05	23	1.6	.07	5.2	15
71639	2.22	40.67	11.33	92.4	147	37.7	12.5	368	2.77	195.0	1.4	14.5	5.0	28.6	.33	1.08	.15	55	.17	.059	15.1	28.4	.48	323.7	.054	1	1.38	.009	.07	<.2	2.7	.07	.05	31	.8	.04	4.0	15
71640	3.56	56.81	18.34	143.0	431	52.8	9.7	307	2.95	108.1	1.7	11.6	4.5	44.0	.67	1.18	.22	66	.22	.069	17.4	28.1	.47	331.7	.058	<1	1.20	.009	.10	<.2	2.7	.11	.07	39	1.3	.09	5.1	15
71641	3.95	39.78	35.01	87.4	365	20.4	6.9	179	2.81	214.8	1.4	8.4	5.1	25.3	.39	1.32	.23	56	.13	.112	15.5	26.6	.42	307.8	.055	<1	1.23	.010	.12	.2	2.0	.12	.15	25	2.3	.12	4.3	15
71642	4.32	52.65	15.91	97.9	301	37.0	8.3	175	3.86	224.1	1.5	4.4	5.5	22.1	.43	3.59	.27	80	.08	.086	18.1	35.4	.47	414.7	.047	<1	2.06	.006	.08	<.2	2.4	.17	.06	31	2.0	.12	6.2	15
71643	3.38	27.14	12.16	64.9	374	20.2	7.6	188	3.78	63.9	.8	3.7	2.9	10.8	.34	1.08	.24	92	.08	.083	11.0	41.6	.43	187.9	.056	<1	2.24	.007	.05	.2	2.3	.09	.03	46	1.0	.05	7.7	15
71644	5.67	59.93	136.81	126.1	520	30.0	7.1	153	4.20	956.1	1.9	10.6	3.1	39.4	1.19	6.60	.39	72	.07	.097	21.0	29.0	.37	645.9	.026	<1	1.46	.011	.17	<.2	2.6	.25	.25	24	2.1	.15	5.5	15
71645	1.31	15.27	13.48	68.8	474	22.8	10.9	554	3.11	32.3	.3	3.2	2.7	7.9	.20	.67	.23	83	.08	.040	8.7	34.4	.45	205.4	.065	<1	2.03	.007	.03	<.2	2.2	.09	.02	22	.2	.04	7.3	15
71646	1.41	16.81	40.16	47.6	132	24.4	10.2	243	3.27	14.8	.6	4.5	6.4	10.3	.09	.66	.19	81	.10	.028	10.6	40.0	.49	155.7	.086	<1	2.95	.008	.05	<.2	3.4	.10	<.01	58	.3	.04	6.9	15
71647	1.07	37.56	11.32	48.9	70	19.4	12.2	358	3.74	14.3	.3	.7	2.2	16.4	.18	.89	.17	132	.15	.043	8.7	29.6	.82	291.5	.083	<1	2.00	.007	.08	<.2	4.1	.11	<.01	12	.1	.04	9.9	15
RE 71647	1.13	36.05	11.08	50.8	75	19.4	12.8	359	3.76	14.3	.3	2.1	2.3	16.5	.19	.89	.18	131	.15	.043	8.7	30.3	.84	302.1	.081	<1	2.00	.007	.08	<.2	4.1	.11	.02	12	.2	.07	9.8	15
76560	2.46	31.39	18.45	99.4	248	30.6	7.1	199	2.57	208.5	.9	19.6	3.5	24.4	.34	.86	.21	60	.20	.067	12.4	28.1	.50	292.8	.067	<1	1.43	.008	.06	.2	2.3	.07	.01	22	.6	.07	5.2	15
76561	4.12	45.98	17.80	110.9	406	28.8	6.8	193	2.66	169.2	1.2	9.9	3.9	26.0	.66	1.33	.22	62	.12	.059	11.6	23.8	.35	300.1	.045	<1	1.31	.006	.05	.2	2.0	.07	.03	25	1.4	.06	4.6	15
76562	3.15	40.42	15.59	103.2	184	39.2	12.9	352	3.06	94.7	1.5	6.7	4.4	22.5	.40	1.00	.19	65	.18	.072	13.8	32.3	.48	451.0	.061	<1	1.72	.010	.07	<.2	2.9	.07	.02	31	1.0	.06	4.8	15
76563	3.06	43.90	11.73	127.3	338	44.7	8.5	250	3.24	93.4	1.9	12.2	2.5	33.8	.43	1.14	.18	59	.37	.132	20.3	27.9	.66	712.8	.056	<1	1.76	.008	.09	<.2	3.2	.11	.04	27	.9	.08	5.9	15
76564	2.09	42.50	28.82	89.8	306	31.6	8.7	331	3.05	196.5	1.9	6.2	5.2	60.2	.46	2.81	.23	55	.74	.072	20.4	27.1	.58	460.7	.044	1	1.26	.018	.09	<.2	3.9	.09	.09	67	1.2	.05	3.9	15
76565	2.54	86.41	60.65	136.3	1676	80.8	15.7	795	3.87	895.9	2.8	27.6	5.1	82.2	.70	8.95	.36	49	1.07	.083	27.5	29.8	.49	1168.2	.010	<1	2.00	.007	.17	<.2	9.0	.13	.09	152	2.5	.10	4.4	15
76566	.87	23.62	24.33	33.0	289	15.7	4.2	129	1.28	71.0	.5	3.2	.8	24.7	.16	1.68	.19	35	.23	.024	9.0	16.4	.15	705.2	.029	1	.79	.015	.05	<.2	2.5	.08	<.01	43	.2	.05	4.0	15
76567	1.51	36.06	49.71	83.1	90	43.1	11.3	415	3.12	82.5	.8	6.2	3.6	13.1	.20	1.65	.17	79	.13	.050	13.6	50.0	.66	284.5	.067	<1	1.73	.008	.11	<.2	3.6	.09	.01	20	.4	.06	5.9	15
76568	1.10	30.16	21.64	67.6	66	25.2	9.4	275	2.75	54.9	.5	2.0	3.0	19.4	.16	.91	.17	70	.19	.034	10.4	29.9	.59	241.2	.087	<1	1.58	.009	.07	<.2	2.6	.06	.02	18	.2	.04	5.2	15
76569	.93	43.21	12.23	62.7	152	23.2	12.0	438	2.76	18.3	.8	5.2	2.9	34.8	.22	.54	.18	75	.43	.041	10.1	36.8	.71	626.6	.095	<1	1.80	.015	.07	<.2	3.5	.08	.02	31	.3	.04	6.4	15
76570	.55	35.65	7.93	58.0	95	23.5	10.6	381	2.46	12.3	.7	3.8	2.8	37.8	.21	.53	.13	65	.51	.053	9.6	36.3	.72	465.2	.089	<1	1.46	.016	.07	.3	3.3	.07	.04	30	.2	.03	4.8	15
76571	.65	45.18	21.73	97.7	140	73.4	14.6	506	3.12	34.2	.8	13.7	4.2	47.8	.22	1.00	.18	80	.61	.049	20.2	96.3	1.10	563.9	.115	<1	1.93	.017	.14	<.2	6.2	.13	.03	36	.3	.03	6.5	15
76572	.75	41.91	9.10	60.4	128	19.0	11.5	535	2.91	5.5	.3	2.5	2.1	27.4	.08	.45	.14	96	.32	.027	7.5	33.2	.87	341.9	.122	<1	1.68	.011	.19	<.2	3.4	.12	.03	22	<.1	.03	7.5	15
76573	.63	89.20	7.24	76.7	115	26.2	18.1	580	3.74	5.9	.2	1.1	1.6	28.1	.07	.46	.09	133	.31	.048	4.3	25.7	1.18	298.9	.163	<1	2.18	.009	.62	<.2	3.1	.22	.04	30	.2	.03	7.8	15
76574	.69	43.65	13.71	56.8	104	28.4	15.1	553	3.01	6.0	.3	1.6	2.2	28.7	.07	.46	.12	98	.36	.021	6.1	55.3	1.02	303.2	.138	<1	1.82	.012	.17	<.2	4.2	.16	.03	20	<.1	.02	6.7	15
STANDARD DS2	14.43	131.89	33.41	155.6	268	36.5	13.3	827	3.06	60.3	19.8	226.9	3.3	26.3	10.05	10.03	11.36	74	.50	.093	14.8	151.3	.59	145.7	.086	3	1.61	.027	.15	7.9	2.7	1.80	.03	231	2.4	1.98	5.9	15

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76575	1.06	13.01	14.56	69.5	92	12.2	8.0	452	3.12	7.7	.4	6.4	3.6	13.8	.28	.59	.24	81	.15	.049	9.0	23.6	.44	84.1	.065	<1	1.57	.007	.12	<.2	2.5	.07	.02	18	.3	.04	6.8	15
76576	1.54	19.30	27.24	63.6	166	30.2	9.6	325	3.30	13.9	.4	4.0	3.6	15.1	.37	.71	.24	90	.14	.038	9.6	40.2	.48	218.8	.070	1	2.65	.008	.05	<.2	2.8	.08	<.01	26	.3	.04	7.8	15
76578	.98	28.31	13.21	63.4	87	24.2	8.7	261	2.52	53.0	.7	4.7	3.3	26.8	.14	.90	.16	64	.35	.041	11.3	28.7	.60	390.5	.085	1	1.68	.012	.06	<.2	2.8	.06	<.01	33	.3	.03	5.6	15
76579	1.52	35.57	21.49	62.3	263	27.7	9.3	240	2.72	57.0	1.2	4.9	4.0	27.0	.23	1.22	.20	65	.30	.041	13.7	31.0	.51	505.1	.070	<1	1.75	.012	.10	<.2	3.0	.07	.02	31	.5	.03	6.0	15
76580	.68	27.76	7.82	63.7	73	24.0	9.6	305	2.42	7.3	.5	4.7	3.8	31.0	.18	.69	.13	62	.55	.079	13.1	28.3	.61	255.2	.090	2	1.41	.024	.07	.2	3.4	.07	<.01	30	.4	.02	4.3	15
76581	1.16	20.81	40.64	59.9	154	24.6	8.6	289	2.54	36.4	.6	2.3	3.0	27.4	.32	.84	.18	63	.34	.050	11.6	31.0	.50	357.2	.064	1	1.82	.014	.06	<.2	2.8	.07	.01	46	.4	.05	6.2	15
76582	1.42	31.41	15.47	57.0	199	23.3	17.4	626	2.01	46.2	.8	2.3	1.4	18.6	.18	1.35	.16	53	.16	.044	8.7	25.9	.36	240.1	.047	<1	1.17	.012	.08	<.2	2.1	.08	.02	22	.7	.06	4.7	15
76583	1.16	26.95	20.86	52.6	302	23.6	5.9	216	1.82	55.7	.9	2.9	.9	20.6	.19	1.10	.18	47	.22	.037	10.9	29.7	.40	370.8	.056	1	1.32	.011	.09	<.2	2.2	.08	.01	41	.6	.05	5.4	15
76584	1.33	34.04	33.25	59.2	158	36.1	12.4	270	3.12	29.9	.7	3.1	4.1	17.7	.24	.95	.24	80	.19	.021	12.2	42.0	.59	308.3	.072	<1	2.28	.010	.06	<.2	3.6	.09	<.01	32	.4	.05	6.5	15
76585	1.50	41.79	45.47	67.0	127	26.8	7.2	194	2.65	90.7	.8	2.8	4.7	20.7	.16	2.24	.21	58	.22	.031	15.6	31.4	.50	279.3	.055	<1	1.51	.008	.08	<.2	2.4	.11	.02	19	.5	.06	5.1	15
76586	.81	55.41	19.44	69.5	72	40.9	14.3	483	3.27	58.0	.4	1.8	2.9	20.7	.09	1.50	.15	90	.25	.029	9.4	49.5	.90	226.2	.105	1	1.91	.012	.10	<.2	3.8	.13	.01	19	.4	.03	6.5	15
76587	.48	62.93	7.07	69.6	154	22.7	14.1	371	3.16	6.2	.2	1.0	1.4	23.5	.06	.42	.10	122	.30	.041	5.5	32.1	1.16	256.1	.162	<1	1.91	.011	.17	<.2	3.8	.20	<.01	13	.3	.04	8.8	15
76588	.39	12.49	4.91	25.3	214	5.0	3.3	201	1.13	1.5	.1	<.2	.7	16.4	.09	.18	.13	40	.11	.017	3.3	15.7	.27	69.3	.096	2	.65	.011	.08	<.2	1.1	.11	.01	13	.1	.02	4.9	15
76589	.68	95.58	16.30	77.0	25	29.5	17.4	387	4.04	6.4	.4	4.0	3.0	28.0	.05	.51	.15	134	.31	.025	9.6	40.4	1.31	286.7	.211	<1	2.60	.012	.20	<.2	3.3	.22	.02	12	.2	.02	8.0	15
76590	1.06	32.86	9.37	115.2	31	26.7	20.0	436	5.33	7.3	.5	1.8	4.3	40.8	.09	.57	.27	140	.39	.082	15.1	34.4	1.00	283.9	.199	<1	2.90	.017	.05	<.2	5.3	.15	.01	14	.2	.03	10.0	15
76591	.58	37.91	35.81	67.4	50	35.8	17.1	369	3.31	7.6	.5	8.5	3.7	22.8	.07	.66	.13	98	.28	.031	9.2	70.0	1.19	230.5	.141	<1	2.33	.013	.07	<.2	5.0	.15	.03	16	.3	.02	7.3	15
76592	.77	19.83	29.21	48.1	54	15.5	7.1	278	2.36	8.6	.3	4.0	2.8	14.6	.12	.47	.16	72	.16	.024	10.1	26.1	.46	172.8	.076	2	1.70	.008	.05	<.2	2.3	.08	.04	12	.3	.04	6.3	15
76594	1.30	13.18	42.23	49.4	156	11.7	7.4	339	2.42	7.1	.3	1.8	.9	13.5	.17	.39	.28	83	.12	.033	8.9	25.4	.31	195.4	.082	1	1.62	.009	.05	<.2	1.9	.11	<.01	14	.3	.03	9.6	15
76595	.91	16.95	28.78	55.0	78	22.5	8.5	247	3.00	10.3	.3	14.3	3.2	13.2	.14	.55	.20	74	.12	.020	9.3	37.1	.51	215.3	.067	1	2.41	.008	.05	<.2	2.7	.09	.02	18	.3	.03	6.8	15
76596	.70	18.48	23.88	58.0	74	18.4	6.7	253	2.45	7.1	.5	7.9	3.5	30.0	.07	.50	.23	63	.30	.020	12.3	36.8	.65	367.7	.073	2	1.82	.011	.06	<.2	3.0	.08	.01	18	.2	.04	6.4	15
76597	1.04	35.10	12.71	34.7	465	11.2	2.2	67	.82	18.3	.9	5.9	<.1	21.6	.96	.30	.15	22	.11	.047	17.1	12.4	.09	453.6	.007	2	.65	.011	.04	<.2	.3	.07	.03	37	.4	.03	3.4	15
76598	1.26	10.01	6.80	41.3	158	7.4	2.1	89	1.11	17.8	.2	.8	.1	8.6	.15	.38	.16	39	.04	.031	6.3	10.4	.08	99.6	.035	2	.43	.011	.03	<.2	.5	.07	.02	19	.4	.02	4.0	15
76599	1.08	29.82	20.09	81.3	137	26.3	12.0	651	2.48	59.4	1.0	2.7	3.8	54.7	.42	.97	.15	53	.71	.077	15.1	29.6	.62	498.8	.067	1	1.32	.015	.10	<.2	3.1	.07	.04	32	.7	.03	4.3	15
RE 76700	4.92	36.70	16.59	140.9	853	47.3	10.9	311	3.26	126.6	.9	2.1	4.0	23.2	.66	2.21	.27	67	.15	.067	15.9	27.8	.39	485.6	.039	<1	1.54	.007	.13	<.2	2.7	.10	.02	15	1.0	.08	5.6	15
76700	4.75	36.24	16.00	140.3	837	48.5	10.7	310	3.24	126.1	.9	2.4	3.8	22.5	.66	2.19	.26	64	.14	.069	15.4	27.0	.39	501.2	.036	<1	1.49	.007	.12	<.2	2.5	.09	.01	22	1.0	.09	5.4	15
76701	2.15	21.50	21.88	77.3	335	31.8	10.0	204	3.04	78.4	.7	2.0	4.7	26.1	.29	1.56	.25	70	.20	.019	12.4	36.4	.50	397.0	.060	<1	2.17	.008	.08	<.2	2.7	.08	.03	17	.5	.03	6.1	15
76702	2.85	78.47	24.04	332.3	3640	77.5	18.8	1694	3.04	341.3	1.3	.7	2.6	53.1	3.67	5.14	.33	61	.28	.061	16.7	25.9	.32	2463.3	.041	1	1.60	.012	.07	.3	2.5	.13	.03	62	.8	.08	5.6	15
76703	3.21	27.92	16.20	79.4	1314	22.6	6.3	125	2.99	190.0	.8	1.7	3.8	33.5	.73	2.60	.26	62	.12	.045	13.6	24.3	.35	471.0	.059	<1	1.48	.007	.12	.2	2.1	.10	.06	26	1.6	.06	5.5	15
76704	2.66	29.04	22.72	82.8	80	26.7	5.9	217	2.47	221.1	.6	2.8	3.2	11.1	.25	2.94	.30	63	.08	.028	12.0	23.2	.30	198.3	.050	1	1.14	.007	.07	<.2	1.9	.10	.03	14	.4	.07	5.9	15
76705	2.53	35.84	68.50	150.0	219	47.7	10.7	467	3.55	135.6	.7	1.2	3.9	16.6	.31	2.28	.26	78	.11	.038	12.0	48.1	.59	164.2	.063	<1	1.69	.007	.10	<.2	2.3	.11	.07	33	.7	.06	7.2	15
76706	1.38	18.88	43.63	55.4	179	15.9	4.7	126	2.17	85.7	.7	5.7	5.7	12.7	.11	1.25	.25	55	.06	.031	18.6	16.5	.17	140.5	.026	<1	1.04	.007	.07	<.2	1.5	.08	.03	17	.4	.05	4.8	15
76707	.99	21.93	28.04	81.4	268	29.6	8.7	280	2.98	67.0	1.2	42.8	8.5	39.5	.21	1.02	.31	50	.57	.031	38.6	29.4	.51	523.5	.041	<1	1.74	.010	.14	<.2	3.0	.13	.06	44	.3	.06	5.9	15
76708	.75	14.96	19.09	59.5	44	18.1	7.9	334	2.56	12.2	.6	2.2	5.0	22.5	.11	.52	.18	60	.31	.034	14.1	28.7	.52	284.9	.074	<1	1.65	.009	.09	<.2	2.4	.07	.03	16	.2	.02	5.5	15
STANDARD DS2	14.48	138.74	33.62	154.9	266	38.0	11.7	853	3.10	60.7	19.1	220.5	3.3	24.9	10.30	10.25	11.02	71	.52	.092	14.2	152.5	.59	142.0	.083	3	1.63	.029	.14	8.1	2.7	1.80	.03	248	2.4	1.85	5.9	15

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76709	.82	20.27	26.43	57.9	66	22.1	9.4	308	2.66	8.6	.7	2.7	5.2	21.7	.10	.55	.19	63	.22	.036	15.0	31.2	.52	283.3	.072	2	1.88	.011	.05	<.2	2.9	.08	<.01	24	.3	.04	6.3	15
76710	.81	19.64	25.19	56.3	34	23.5	9.3	281	2.80	11.9	.9	3.6	7.8	20.4	.14	.64	.18	63	.21	.020	14.5	35.4	.54	280.2	.059	1	1.93	.009	.04	<.2	2.9	.08	<.01	20	.3	.02	5.7	15
76711	1.92	4.24	39.01	134.3	16	5.2	3.6	390	2.97	5.1	2.7	3.2	13.2	9.7	.22	.45	.09	24	.06	.031	35.3	5.0	.21	90.0	.017	<1	1.15	.003	.11	.2	1.7	.15	<.01	43	.1	<.02	3.9	15
76712	1.47	16.85	36.31	59.4	82	16.0	7.0	272	2.97	10.9	.6	9.2	3.3	21.1	.16	.56	.29	85	.16	.035	18.6	25.0	.41	292.9	.076	1	1.83	.008	.06	<.2	2.2	.10	<.01	19	.2	.06	8.5	15
76713	.82	19.99	20.54	42.1	187	10.7	4.3	151	1.60	6.9	.7	23.9	3.0	22.2	.25	.31	.16	41	.16	.025	9.7	18.3	.22	190.8	.062	<1	1.12	.013	.05	<.2	1.7	.07	.02	19	.2	.03	5.9	15
76931	3.40	49.38	26.91	90.2	431	30.4	10.7	279	3.25	184.4	1.6	14.6	4.7	32.9	.47	1.09	.28	69	.27	.093	14.9	33.8	.54	489.3	.057	<1	1.81	.010	.08	.2	3.0	.09	.05	37	1.2	.06	6.5	15
76932	3.60	42.96	18.04	89.8	296	25.3	8.8	249	2.90	140.6	1.4	7.0	4.5	29.7	.41	1.03	.25	61	.20	.113	15.6	28.1	.46	533.5	.058	1	1.48	.008	.09	.2	2.6	.10	.03	35	1.1	.07	5.4	15
76933	3.59	50.30	15.53	98.2	311	35.0	8.7	269	3.27	249.4	1.1	10.0	4.5	28.8	.43	1.70	.21	69	.18	.085	14.8	36.0	.64	508.5	.079	1	1.72	.010	.10	<.2	3.2	.10	.05	26	1.2	.08	6.5	15
76934	3.40	35.77	16.63	66.6	522	22.7	8.3	200	3.36	177.7	1.2	5.0	3.8	19.3	.23	1.48	.29	85	.12	.062	12.5	35.1	.45	1020.1	.055	<1	2.31	.007	.06	.3	3.2	.12	.03	33	.9	.08	8.7	15
76935	3.78	41.30	20.51	76.1	575	24.2	8.3	168	3.48	184.7	1.2	3.1	6.4	29.6	.61	2.71	.34	72	.10	.117	20.3	32.2	.44	422.2	.046	1	2.03	.008	.09	.2	2.3	.15	.07	33	1.6	.08	6.8	15
76936	2.15	25.54	14.99	92.6	348	23.0	10.0	373	3.28	76.7	.6	4.0	3.9	16.9	.90	1.14	.24	79	.13	.086	10.5	33.1	.51	424.8	.059	1	2.11	.008	.09	.2	2.4	.11	.03	26	.5	.06	7.3	15
76937	3.45	52.56	19.95	113.8	338	41.4	12.2	372	3.57	342.0	1.8	10.2	3.3	25.2	.51	1.97	.26	73	.14	.073	17.2	24.5	.55	948.1	.038	1	2.05	.007	.07	.2	3.4	.12	.03	42	1.1	.08	7.0	15
76938	3.73	46.54	26.31	108.8	69	37.3	7.4	241	3.31	694.2	1.1	15.8	6.7	23.1	.55	3.24	.33	48	.15	.041	22.7	16.8	.38	137.2	.036	<1	1.14	.005	.12	<.2	2.1	.09	.03	14	.9	.14	4.3	15
76939	.73	23.26	15.70	44.8	85	22.9	10.4	450	2.41	31.7	.5	2.3	3.8	29.4	.07	.43	.15	59	.34	.016	9.5	42.6	.80	351.0	.081	1	1.57	.015	.12	<.2	3.0	.08	.02	12	.2	.05	5.6	15
76940	.79	44.37	21.44	95.1	20	21.6	10.4	533	3.55	5.4	.9	.7	8.3	27.7	.04	.38	.62	67	.22	.028	10.4	48.6	1.73	488.6	.129	1	2.50	.006	.71	.3	3.7	.33	.01	<5	.2	.05	10.3	15
76941	4.00	58.23	25.55	130.0	289	40.4	14.2	606	3.33	181.1	2.2	11.3	4.8	31.3	.55	.98	.23	66	.27	.084	15.9	34.8	.62	429.2	.065	2	1.74	.011	.07	.2	3.4	.10	.03	45	.9	.11	5.9	15
76942	5.88	58.55	69.00	185.4	449	56.6	24.5	4145	3.71	497.6	2.0	55.3	5.4	93.7	1.00	1.74	.36	64	.24	.101	19.9	24.7	.45	1116.5	.031	1	1.25	.008	.10	.3	2.8	.14	.09	30	2.0	.11	4.7	15
76943	2.14	31.05	41.40	84.3	198	27.2	11.7	313	2.88	161.1	2.2	5.0	8.1	39.4	.22	1.63	.31	48	.25	.065	27.7	24.1	.46	350.5	.029	1	1.27	.010	.08	.2	2.9	.12	.08	57	1.0	.05	4.2	15
76944	2.20	38.25	36.23	144.3	450	29.3	11.5	677	2.24	118.6	3.3	8.0	4.0	253.6	1.52	1.28	.29	40	1.90	.083	22.9	22.1	.52	696.9	.027	3	1.23	.012	.11	<.2	2.8	.13	.15	84	1.8	.07	4.1	15
76945	3.99	62.10	21.31	137.4	663	54.4	13.8	855	2.87	455.4	2.7	39.7	3.2	236.1	.99	2.09	.25	41	1.43	.057	16.1	15.7	.49	971.1	.015	2	1.05	.010	.07	<.2	3.5	.08	.10	69	3.2	.09	2.9	15
RE 76946	2.72	18.09	11.62	73.8	254	21.6	4.9	170	1.95	68.9	.3	2.5	2.2	33.7	.63	.86	.20	52	.15	.030	8.9	10.8	.15	525.1	.046	1	.68	.008	.08	<.2	1.2	.05	.02	11	.9	.06	3.9	15
76946	2.64	19.20	12.12	73.7	255	22.6	5.0	169	1.95	68.7	.3	2.7	2.3	33.6	.65	.87	.20	52	.16	.031	9.2	12.8	.16	532.0	.045	1	.71	.008	.08	<.2	1.1	.05	.02	13	.9	.05	3.9	15
76947	1.77	31.82	42.20	107.0	251	27.3	14.2	952	3.19	51.9	1.1	5.2	4.8	44.1	.64	1.22	.32	71	.24	.046	15.6	29.1	.60	583.0	.071	1	2.05	.009	.11	<.2	2.5	.13	.05	26	.4	.07	7.2	15
76948	1.80	18.57	28.43	81.6	370	24.6	9.3	271	3.33	202.1	.6	4.3	6.0	15.9	.46	1.99	.29	74	.13	.035	13.6	41.1	.46	228.8	.043	1	2.22	.008	.09	<.2	2.5	.12	.03	28	.3	.05	7.9	15
76949	1.48	14.68	17.55	49.2	376	18.8	6.7	198	2.83	11.8	.3	3.1	2.6	10.6	.36	.60	.25	73	.08	.029	9.0	30.7	.38	208.1	.071	1	1.73	.007	.03	<.2	1.8	.10	.03	23	.3	.05	7.5	15
76950	2.01	15.14	21.79	55.5	199	15.8	5.5	181	2.39	17.3	.4	.5	2.6	12.0	.21	.88	.30	67	.10	.037	12.4	19.0	.31	163.3	.074	1	1.29	.008	.05	<.2	2.2	.10	.03	13	.3	.04	7.2	15
77142	.81	34.63	14.16	73.5	177	23.4	11.9	295	2.77	32.6	.9	5.7	6.1	40.4	.12	.65	.21	61	.54	.081	24.2	42.5	.79	394.5	.097	1	1.89	.021	.10	.2	3.3	.12	.04	36	.4	.04	6.4	15
77143	.69	44.91	11.17	92.2	33	38.4	19.9	386	3.78	23.2	.8	2.9	10.5	48.3	.08	.44	.13	76	.67	.181	49.9	128.0	1.59	535.9	.168	1	2.60	.012	.44	<.2	4.1	.28	.01	13	.2	.04	8.4	15
77144	.63	19.53	10.05	62.9	87	33.0	12.0	283	2.64	33.2	.8	5.9	7.3	36.1	.07	.40	.13	57	.47	.073	20.0	94.5	.88	371.2	.070	1	1.76	.010	.06	<.2	3.3	.09	.01	25	.2	.03	5.8	15
77145	1.16	23.74	14.63	77.0	213	24.4	11.4	315	2.37	59.3	1.4	6.8	5.6	44.0	.22	.56	.13	52	.58	.097	29.1	49.3	.77	381.5	.068	1	1.46	.011	.09	.3	3.2	.10	.06	26	.4	.04	5.1	15
77147	1.21	33.04	17.13	87.4	431	33.6	14.6	461	2.87	144.2	1.6	55.8	5.1	40.7	.32	.80	.20	61	.44	.082	23.2	77.8	.76	462.2	.063	1	1.88	.011	.08	.2	4.1	.11	.04	49	.6	.05	6.5	15
77148	1.18	32.74	15.23	65.1	249	22.1	8.8	228	2.62	62.1	.8	15.8	5.6	27.0	.22	.59	.20	64	.28	.046	20.8	45.2	.61	345.4	.079	1	1.74	.009	.06	.2	3.4	.09	.03	29	.4	.04	7.0	15
77149	2.05	51.11	16.02	119.5	104	43.3	20.3	451	4.26	487.4	.9	59.0	11.8	24.2	.33	1.69	.21	82	.36	.126	23.6	82.4	1.39	308.9	.112	1	2.69	.008	.23	.2	4.4	.21	.02	20	.6	.05	9.1	15
STANDARD DS2	14.31	132.68	33.59	161.7	262	34.7	12.8	841	3.14	66.1	19.9	212.5	3.5	26.1	10.29	9.85	11.36	73	.49	.096	14.5	156.9	.60	145.4	.082	2	1.64	.027	.14	8.2	2.7	1.88	.01	249	2.2	1.96	5.9	15

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

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

Data__ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77150	1.64	20.77	16.24	58.9	257	20.6	8.0	389	2.65	40.1	.6	5.9	4.8	19.7	.19	.62	.18	72	.23	.038	18.1	35.4	.56	299.3	.067	<1	1.72	.009	.06	<.2	2.6	.08	<.01	22	.4	.05	6.3	15
77151	1.97	27.62	20.87	68.0	276	23.4	13.0	443	2.55	47.3	1.7	13.5	7.4	60.5	.26	.62	.15	57	.70	.075	41.4	54.8	.75	567.5	.071	<1	1.64	.012	.08	<.2	4.8	.12	.01	52	.6	.05	6.1	15
77152	1.66	23.14	14.20	73.8	196	27.8	10.2	305	3.29	32.0	.6	2.3	6.7	12.9	.13	.72	.18	80	.11	.026	12.2	57.1	.79	247.1	.072	<1	2.41	.007	.06	<.2	2.9	.11	<.01	29	.4	.04	7.4	15
77153	1.74	18.57	12.08	70.6	246	20.1	8.2	302	2.90	32.1	.4	1.8	3.9	25.2	.19	.64	.22	83	.29	.027	11.9	37.7	.65	243.8	.084	<1	1.61	.011	.09	<.2	2.1	.09	.01	11	.3	.06	7.1	15
77154	2.86	56.60	39.53	135.4	221	64.0	17.9	561	4.86	237.0	1.4	2.5	12.7	38.5	.23	2.00	.22	94	.30	.083	25.5	186.3	2.28	310.9	.182	<1	2.84	.007	.64	<.2	4.6	.42	.07	14	.9	.08	9.8	15
77155	.89	27.07	10.14	74.6	126	25.7	10.3	458	2.70	62.7	.9	12.4	5.1	33.5	.18	.89	.18	59	.45	.080	19.7	35.8	.64	318.5	.063	<1	1.61	.015	.05	.3	3.3	.07	.01	47	.5	.05	4.8	15
77156	1.34	30.62	15.90	80.1	172	26.4	10.3	344	3.02	79.3	1.0	12.0	8.2	26.1	.11	.63	.24	67	.26	.057	24.3	44.5	.70	204.7	.077	1	2.00	.011	.08	<.2	2.9	.10	.01	30	.3	.06	6.6	15
77157	1.30	21.50	15.68	57.7	263	30.8	11.1	273	3.07	18.2	.5	3.3	9.2	15.0	.08	.62	.19	75	.13	.019	13.7	83.7	.69	198.7	.082	1	2.39	.007	.05	<.2	2.6	.10	<.01	39	.3	.03	6.6	15
RE 77157	1.30	21.02	15.96	58.8	257	29.6	10.6	261	2.97	18.5	.5	3.0	8.9	13.9	.07	.62	.19	72	.12	.018	13.3	78.3	.66	192.2	.074	1	2.29	.007	.05	<.2	2.6	.09	<.01	38	.3	.04	6.3	15
STANDARD DS2	14.40	129.86	34.50	163.1	264	34.1	11.4	846	3.06	60.3	19.1	206.9	3.4	25.2	10.48	9.58	11.06	74	.49	.095	14.4	154.8	.59	148.8	.087	1	1.61	.029	.13	8.1	2.6	1.78	.02	259	2.3	1.84	5.8	15

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

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC [redacted] 1R[redacted] P[redacted](6[redacted]53-[redacted] FA[redacted]4)2[redacted]171[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002614

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64643	.64	22.97	12.60	83.9	79	25.4	12.4	662	2.80	25.5	1.0	12.8	4.1	100.1	.25	.50	.12	62	.89	.099	14.8	38.4	.78	339.4	.075	1	1.37	.020	.09	.2	3.9	.07	.05	40	.5	.03	4.5	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: -150 SILT

DATE RECEIVED: JUL 26 2000 **DATE REPORT MAILED:** Aug 8/00 **SIGNED BY.** C. Toye D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC [redacted] 1R[redacted] P[redacted]E(6[redacted]53-[redacted] FA[redacted]04)1[redacted]171[redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002909

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Larry Poznikoff

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76993	.98	12.60	11.68	41.6	179	10.6	6.7	281	2.31	4.4	.2	2.3	1.5	10.9	.10	.44	.19	72	.12	.021	5.3	24.4	.35	121.9	.089	<1	1.21	.011	.06	.2	1.9	.09	.02	11	.3	.06	6.9	15
76994	3.05	23.39	105.64	133.9	179	36.0	15.4	455	5.37	30.2	.6	1.0	4.1	25.2	.19	.61	.58	113	.26	.078	22.5	47.3	.76	291.9	.054	<1	2.67	.006	.09	.2	3.7	.15	<.01	18	.3	.08	11.7	15
76995	1.13	17.45	12.37	83.2	72	29.4	13.9	693	3.57	13.5	.3	2.5	3.6	20.3	.19	.46	.20	74	.27	.068	9.3	41.4	.78	239.2	.124	<1	2.17	.008	.29	.2	2.7	.17	.01	27	.3	.07	9.3	15
76996	.63	37.58	11.19	35.1	74	85.1	15.2	260	2.20	5.5	.3	1.8	6.1	18.8	.06	.31	.13	60	.21	.015	13.8	400.0	.67	151.4	.079	<1	1.62	.009	.05	<.2	2.8	.09	.01	8	.1	.02	5.4	15
76997	1.37	13.54	14.50	49.8	90	17.7	15.5	937	2.76	8.1	.3	3.3	3.5	16.4	.10	.46	.22	73	.23	.022	10.6	39.8	.41	177.4	.065	<1	1.63	.010	.07	<.2	2.4	.09	<.01	17	.1	.02	6.0	15
76998	1.18	20 92	28.63	68.3	210	29.4	12.2	1154	3.14	71.9	.4	1.3	5.7	21.4	.24	.51	.28	60	.29	.033	15.2	43.9	.62	292.7	.070	2	1.89	.009	.19	.3	2.9	.15	<.01	20	.2	.02	7.1	15
76999	.82	10.51	9.62	43.1	84	17.1	11.0	1060	2.50	16.2	.2	1.1	3.3	16.2	.08	.38	.14	63	.22	.017	9.5	30.3	.40	285.8	.058	<1	1.62	.008	.10	<.2	2.2	.10	<.01	12	<.1	<.02	5.7	15
77200	.83	15.50	8.72	40.7	52	21.2	8.4	454	2.70	15.6	.4	1.2	5.7	18.9	.04	.44	.13	58	.22	.023	15.0	36.9	.52	184.3	.088	1	1.64	.008	.18	.2	2.2	.12	.01	19	<.1	.15	5.4	15
77201	.94	9.86	9.30	45.5	55	16.1	10.3	1017	2.30	10.6	.3	1.6	3.1	20.5	.07	.37	.16	58	.25	.025	12.2	26.2	.36	261.1	.057	1	1.30	.012	.12	<.2	2.1	.08	.02	16	<.1	.07	5.5	15
77202	.80	11.52	10.83	48.1	44	22.3	8.1	280	2.52	11.9	.4	1.4	7.3	15.2	.07	.36	.12	54	.20	.019	23.1	42.7	.57	192.6	.083	1	1.47	.008	.21	<.2	2.0	.12	<.01	13	<.1	<.02	5.7	15
77203	.75	26.22	34.22	58.8	36	23.7	10.6	456	2.68	59.0	.6	1.6	8.7	19.9	.07	.50	.19	52	.32	.015	18.1	36.2	.47	254.3	.060	<1	1.53	.010	.20	<.2	3.3	.10	.02	30	.3	.17	4.8	15
77204	.77	19.14	9.95	50.6	71	26.5	11.2	547	2.67	11.2	.4	2.8	4.9	26.0	.09	.55	.17	66	.33	.024	13.8	37.6	.48	264.6	.084	2	1.78	.010	.13	<.2	4.6	.07	.01	24	.2	.04	5.4	15
RE 77204	.77	20.01	10.53	52.3	95	28.8	12.2	581	2.83	11.6	.5	3.2	5.1	26.8	.10	.59	.17	70	.35	.024	14.0	40.1	.51	281.4	.085	2	1.85	.011	.14	<.2	4.8	.07	<.01	18	.3	.04	5.5	15
77205	1.19	25.22	8.86	48.4	73	36.0	15.8	423	3.86	64.6	.9	2.8	8.7	25.5	.09	.59	.14	55	.35	.036	19.6	38.4	.67	216.3	.045	1	2.08	.009	.20	<.2	4.3	.09	.01	8	.3	.03	6.2	15
77206	1.00	14.95	11.98	45.1	24	19.6	7.0	176	2.59	10.6	.3	1.2	5.8	18.2	.05	.43	.15	60	.23	.027	16.0	33.1	.43	214.2	.053	1	1.59	.007	.14	<.2	2.2	.07	.01	15	.1	.03	4.9	15
77207	.85	15.51	10.81	43.7	49	23.4	10.5	442	2.68	9.1	.5	4.6	5.6	24.7	.08	.52	.14	62	.36	.015	15.6	41.4	.47	275.5	.085	1	1.81	.010	.14	.2	4.7	.07	.01	7	.3	.02	5.0	15
77208	.84	31.14	9.27	53.4	54	36.5	12.9	403	3.06	26.4	.6	4.7	7.2	26.1	.06	.68	.15	62	.44	.019	17.6	46.6	.74	271.8	.087	3	1.85	.016	.20	<.2	4.7	.07	<.01	19	.3	.02	5.2	15
77209	.52	23.28	9.46	70.6	66	26.6	9.0	387	2.45	9.9	.4	10.4	4.0	36.6	.29	.55	.16	52	.47	.062	12.5	34.4	.58	385.7	.080	2	1.49	.025	.13	<.2	3.5	.05	<.01	69	.5	<.02	4.3	15
77210	.87	35.56	9.17	72.4	85	34.5	11.4	445	2.66	12.7	1.4	3.5	4.8	52.8	.26	.88	.17	58	1.34	.058	16.1	35.6	.75	357.7	.100	3	1.66	.029	.13	<.2	3.8	.09	.01	33	.5	.04	4.9	15
STANDARD DS2	14.05	128.92	31.63	149.6	241	35.2	11.2	817	3.04	62.5	18.6	222.3	3.3	25.3	10.71	9.87	10.94	75	.50	.089	14.6	158.6	.58	146.0	.084	1	1.63	.030	.15	8.2	2.9	1.83	.02	237	2.4	1.85	5.8	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 10 2000 **DATE REPORT MAILED:** Aug 21/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC [redacted] 1R[redacted] P[redacted](60[redacted]53-[redacted] FA[redacted]4)2[redacted]171[redacted]

(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002932 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Rob Cameron

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64659	1.07	23.26	8.01	56.3	49	13.1	7.0	448	3.01	207.1	.6	6.3	4.9	28.3	.16	.49	.15	42	.32	.049	12.6	23.8	1.15	284.5	.018	1	1.73	.004	.20	.3	3.7	.09	<.01	12	.2	<.02	6.0	15
64660	.94	23.59	13.12	57.4	71	21.6	11.7	532	2.91	31.8	.9	4.4	5.5	36.4	.18	.68	.19	65	.44	.027	14.6	32.8	.52	354.2	.077	1	1.77	.015	.07	<.2	4.0	.06	<.01	28	.3	.04	5.3	15
64661	.83	31.50	12.46	54.7	104	21.0	9.9	456	2.74	25.7	1.3	6.4	4.5	40.1	.10	.62	.18	61	.58	.039	15.0	32.4	.53	391.0	.075	1	1.71	.015	.06	<.2	3.8	.05	.01	26	.4	.03	5.3	15
64662	.84	28.15	11.96	51.8	165	21.2	8.4	402	2.51	148.0	1.1	10.8	3.8	49.2	.21	.77	.16	52	.69	.040	12.7	26.9	.45	431.6	.063	1	1.57	.015	.06	<.2	3.6	.05	.02	41	.5	.04	4.7	15
64663	1.07	19.18	13.40	62.8	127	19.0	9.1	333	2.86	129.0	.7	4.1	4.5	37.6	.21	.69	.16	58	.41	.033	17.8	31.3	.51	258.5	.074	1	1.58	.014	.11	.3	3.3	.05	<.01	28	.3	.06	5.1	15
64664	1.04	31.02	14.18	74.6	135	30.0	11.8	506	2.77	85.1	1.4	8.5	3.7	70.3	.33	.70	.25	62	.96	.077	16.8	49.8	.79	385.7	.067	2	1.54	.021	.10	.3	4.6	.07	.04	39	.7	.07	4.8	15
64665	2.47	34.28	16	56	107.1	207	31.6	11.8	435	3.14	175.9	2.2	8.8	3.8	44.4	.35	.89	.20	61	.47	.098	16.1	35.2	.71	386.2	.065	1	1.36	.017	.08	.2	3.4	.09	.02	34	1.1	.04	4.5	15
64667	3.18	43.66	18.05	71.6	434	19.6	3.7	107	1.98	386.1	1.2	6.3	.2	35.9	.75	1.23	.29	34	.03	.065	16.6	11.2	.09	380.6	.009	1	.63	.010	.09	<.2	.7	.08	.12	26	2.3	.11	3.4	15
64669	4.78	24.48	28.17	90.4	384	25.4	7.0	345	2.23	761.1	1.4	16.2	2.7	66.1	.23	1.15	.52	44	.18	.051	13.1	18.7	.25	295.3	.018	1	1.07	.008	.08	.3	1.7	.13	.05	35	1.1	.10	4.8	15
64671	.89	28.27	15.45	74.3	314	28.6	8.5	416	2.92	139.5	2.6	35.3	4.3	105.3	.20	.60	.16	57	.85	.074	25.8	38.6	.58	441.7	.062	1	1.97	.013	.13	.2	4.7	.08	.04	74	.6	.06	6.2	15
64672	1.95	18.63	37.44	73.0	234	16.6	10.4	858	2.76	193.2	1.9	2.8	5.6	30.9	.30	.61	.33	60	.19	.051	22.8	23.2	.32	299.3	.036	1	1.38	.009	.12	.6	2.5	.12	.01	37	.4	.05	5.7	15
64673	.95	19.38	10.41	56.0	177	23.0	7.9	330	2.61	98.5	1.0	10.1	4.8	33.8	.15	.55	.15	58	.29	.037	17.1	32.1	.51	298.7	.056	1	1.55	.010	.07	<.2	3.0	.06	<.01	27	.3	.04	5.4	15
70688	1.18	21.09	51.23	70.6	140	19.9	9.6	363	3.03	69.6	.9	25.7	5.6	18.7	.25	.51	.19	70	.20	.034	15.2	33.1	.54	188.6	.061	1	2.08	.008	.04	<.2	3.1	.12	<.01	39	.4	.06	6.4	15
70691	3.07	59.44	68.45	258.8	165	50.9	26.4	823	4.53	624.7	1.2	53.8	8.0	39.6	1.72	.96	.20	97	.76	.225	26.2	53.6	1.73	310.5	.106	1	2.54	.006	.22	<.2	4.4	.12	<.01	11	.9	.08	7.8	15
70692	1.39	24.50	68.01	84.3	171	17.8	5.9	233	2.39	130.5	1.0	61.5	5.6	18.7	.38	.47	.23	67	.18	.029	17.8	42.2	.52	133.9	.055	1	1.59	.007	.05	<.2	2.7	.10	<.01	26	.3	.05	6.9	15
70695	1.36	39.78	60.21	165.4	1406	20.6	11.2	351	3.61	11.6	.7	18.2	5.1	15.5	.50	.67	.28	90	.13	.026	10.7	41.7	.49	294.7	.080	1	2.43	.008	.03	<.2	3.4	.15	<.01	47	.3	.05	8.0	15
70696	1.12	19.30	22.97	73.9	355	19.7	9.7	324	3.38	9.7	.5	10.2	3.8	19.4	.20	.56	.21	88	.16	.023	12.1	35.1	.46	301.9	.082	1	2.33	.007	.04	<.2	3.3	.12	<.01	28	.3	.05	8.1	15
70697	1.47	17.34	31.57	74.0	315	18.5	7.4	240	3.91	10.4	.5	7.9	4.2	17.9	.33	.78	.25	100	.12	.031	11.0	34.6	.41	227.7	.077	1	2.49	.006	.04	<.2	2.9	.10	<.01	41	.3	.06	9.5	15
70698	1.20	14.39	19.33	87.1	246	12.6	6.2	297	3.04	5.8	.3	6.1	2.9	14.0	.36	.55	.26	90	.09	.043	10.9	25.4	.27	218.1	.061	<1	1.86	.006	.04	<.2	2.3	.09	<.01	28	.2	.05	8.9	15
70699	.88	37.40	161.03	79.7	447	28.2	12.3	366	3.18	12.3	.9	32.8	5.4	28.5	.10	.69	.23	80	.25	.016	17.0	43.1	.62	425.0	.099	1	2.40	.011	.05	<.2	5.5	.09	<.01	53	.4	.04	6.3	15
71698	1.79	23.80	24.27	74.3	124	20.3	5.9	224	2.07	61.1	1.0	13.3	3.2	27.1	.45	.42	.20	45	.28	.055	14.9	34.8	.69	191.1	.063	1	1.15	.010	.12	<.2	2.5	.14	.05	43	.8	.05	3.8	15
RE 71698	1.72	23.41	22.22	73.9	118	19.8	5.9	220	2.04	63.3	.9	3.5	3.3	25.5	.43	.40	.20	45	.27	.052	14.5	35.4	.68	186.1	.063	1	1.15	.009	.13	<.2	2.5	.14	.05	45	.7	.04	3.9	15
71699	4.00	29.43	21.09	94.6	279	38.7	13.4	980	2.87	42.8	1.0	1.7	5.9	38.0	.93	.55	.21	54	.53	.025	18.7	29.7	.48	384.1	.050	1	1.56	.014	.09	<.2	3.1	.10	.01	27	1.0	.05	4.5	15
75814	1.71	48.79	133.23	660.8	429	52.0	39.8	1152	6.73	431.3	1.8	85.6	8.2	60.6	2.29	1.08	.12	172	1.44	.364	33.5	73.8	3.30	706.3	.198	<1	4.28	.006	.61	<.2	9.8	.23	<.01	17	.6	.02	15.1	15
75815	4.12	81.51	146.95	466.4	429	58.6	23.3	794	5.01	541.3	2.1	85.9	23.4	22.8	2.20	2.09	.24	86	.49	.156	36.0	67.1	1.47	203.5	.047	1	2.37	.003	.25	<.2	4.7	.15	<.01	11	1.3	.12	9.0	15
75816	3.55	81.55	1244.39	410.1	1500	42.8	15.0	793	4.60	2219.9	1.4	1263.9	8.8	29.1	2.18	2.68	.34	83	.30	.123	22.9	84.6	1.10	240.5	.041	1	2.15	.007	.10	<.2	3.9	.13	.07	34	1.4	.12	8.0	15
75950	.64	6.92	17.92	28.3	29	7.0	4.6	202	1.54	1.2	.4	69.6	3.8	13.0	.08	.40	.06	23	.03	.013	6.3	10.3	.08	49.9	.021	1	.92	.003	.02	<.2	1.5	.03	.01	15	.2	.02	2.0	15
75989	1.05	12.08	18.05	44.0	176	13.2	5.8	179	2.64	7.2	.4	6.2	2.9	14.9	.25	.43	.20	74	.12	.024	10.9	26.4	.33	198.3	.058	1	1.90	.006	.03	<.2	2.3	.12	.01	24	.3	.02	7.3	15
75990	.62	23.22	49.21	95.8	50	16.8	7.3	295	2.32	5.0	.5	10.2	3.3	22.7	.21	.68	.16	60	.21	.019	13.6	28.5	.48	233.0	.084	1	1.29	.011	.03	<.2	3.2	.04	.01	32	.3	.03	3.9	15
75991	1.21	23.40	31.54	77.7	184	23.2	11.7	274	4.40	9.8	.5	7.0	5.0	16.1	.20	.87	.20	96	.11	.022	16.9	40.7	.52	258.5	.048	1	2.79	.006	.05	<.2	4.8	.13	<.01	24	.5	.04	8.6	15
75992	.92	37.39	99.73	162.3	129	27.7	11.1	316	3.36	8.9	.5	22.7	4.8	25.0	.31	.84	.27	84	.22	.013	13.6	44.8	.68	329.0	.098	1	2.65	.010	.05	<.2	4.1	.09	<.01	23	.5	.03	6.7	15
75993	1.00	18.82	18.04	61.3	73	23.2	11.1	328	3.42	8.8	.4	6.4	3.0	19.3	.13	.65	.19	80	.16	.027	11.8	38.0	.54	251.5	.077	1	2.41	.007	.05	<.2	3.6	.08	.01	42	.5	.03	7.1	15
75994	.97	23.50	52.32	109.0	34	24.8	13.5	540	3.23	8.5	.6	18.3	5.4	24.7	.17	.72	.20	75	.21	.024	13.0	35.4	.57	371.3	.070	1	2.45	.008	.05	<.2	4.0	.09	.01	20	.4	.03	6.1	15
STANDARD DS2	14.35	124.21	33.31	153.8	259	33.1	11.0	793	3.11	56.2	19.4	217.7	3.5	27.7	10.63	10.25	11.44	73	.48	.090	15.2	150.2	.56	145.0	.084	2	1.57	.027	.14	7.9	2.6	1.82	.01	235	2.3	1.96	5.6	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 8 2000 DATE REPORT MAILED: Aug 22/00 SIGNED BY..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
75995	.95	21.37	51.63	89.3	50	23.8	12.0	246	3.38	8.6	.5	6.9	4.0	16.6	.24	.71	.18	77	.13	.025	10.6	38.2	.55	243.6	.064	1	2.48	.008	.04	<.2	4.0	.08	<.01	27	.4	.03	6.3	15
75996	.60	19.52	139.68	89.2	76	19.3	9.3	292	2.89	6.6	.6	11.6	3.8	17.1	.21	.61	.18	74	.16	.018	11.5	38.0	.55	315.9	.060	1	2.19	.010	.04	<.2	4.0	.08	<.01	22	.3	.04	6.0	15
75997	.57	20.46	29.12	71.5	121	17.4	9.6	418	2.46	5.1	1.1	6.2	3.9	38.3	.13	.50	.17	64	.36	.031	12.9	30.6	.49	495.8	.054	1	1.88	.010	.03	<.2	4.0	.08	.01	49	.4	.03	5.3	15
75998	.60	19.76	22.94	58.3	49	17.7	7.9	286	2.41	5.1	.6	34.5	4.1	25.2	.07	.54	.13	57	.26	.027	13.9	28.6	.49	349.1	.067	1	1.56	.015	.04	<.2	3.7	.05	.01	18	.4	.02	4.3	15
75999	.93	15.93	27.03	49.8	50	15.9	6.9	203	2.91	7.1	.3	18.6	1.8	19.6	.11	.62	.21	76	.16	.019	8.9	28.2	.41	235.1	.058	<1	2.07	.006	.04	<.2	3.0	.07	<.01	14	.4	.04	6.8	15
76726	.99	18.12	11.42	58.7	103	21.4	9.5	570	2.06	17.6	.8	1.7	4.3	30.0	.15	.42	.15	40	.49	.046	18.3	36.5	.57	186.3	.057	1	1.18	.006	.10	<.2	2.2	.08	.03	18	.4	.03	3.8	15
76729	2.33	37.75	65.34	131.7	128	32.1	14.6	721	2.58	271.7	.9	6.0	5.2	24.0	.61	.43	.37	42	.34	.072	13.2	45.0	1.01	213.5	.060	<1	1.15	.004	.29	.3	2.7	.21	.02	21	.8	.05	3.5	15
76730	4.36	14.42	25.43	104.5	170	10.8	4.6	235	2.32	151.5	.5	6.4	1.9	46.8	.25	.70	.17	42	.26	.065	8.4	13.3	.70	211.3	.073	<1	.96	.005	.13	<.2	2.3	.13	.03	22	1.0	.06	4.4	15
76731	3.16	19.25	21.24	89.2	131	9.5	12.5	1305	2.76	137.6	.5	6.7	1.9	18.8	.14	.50	.16	66	.11	.061	7.7	12.6	.81	123.6	.088	<1	1.13	.004	.13	<.2	3.0	.13	.03	9	.6	.06	5.9	15
76733	1.30	15.94	7.85	97.3	53	6.0	10.1	726	3.70	14.9	.5	1.8	2.5	16.2	.10	.22	.11	81	.23	.079	4.9	7.7	1.49	221.2	.141	<1	1.90	.004	.44	<.2	6.2	.20	.03	8	.4	.02	8.3	15
76734	1.88	32.52	51.22	103.7	534	30.9	13.6	796	3.91	381.5	3.6	34.9	9.1	203.0	1.17	.91	.54	65	1.00	.141	128.9	25.3	.55	1040.0	.017	1	1.86	.009	.07	<.2	8.8	.14	.04	74	2.1	.09	5.5	15
76735	1.64	14.24	24.25	85.5	317	8.6	7.7	601	3.12	63.7	.5	57.4	.5	97.6	.34	.35	.21	65	.75	.136	13.8	12.0	.41	471.8	.025	1	1.15	.008	.06	<.2	2.6	.08	.03	39	.5	.05	5.9	15
76736	3.32	55.38	29.69	131.8	597	53.8	13.9	762	3.37	769.4	2.0	90.5	2.2	247.7	1.17	1.97	.28	45	1.72	.121	17.8	23.2	.47	577.3	.015	2	1.07	.007	.08	<.2	4.1	.13	.08	77	3.1	.13	3.1	15
76737	1.98	29.93	19.67	122.2	215	29.5	13.2	716	3.31	518.0	.9	30.6	3.3	75.3	.48	1.01	.20	56	.59	.100	12.3	24.4	1.38	304.9	.084	1	1.69	.010	.20	<.2	3.2	.13	.03	20	1.0	.06	5.4	15
76738	1.85	16.26	19.20	86.6	205	16.3	9.1	419	2.28	239.9	.9	14.4	2.8	70.2	.20	.46	.17	44	.45	.077	12.1	25.1	.84	233.0	.066	1	1.18	.009	.06	<.2	2.4	.09	.02	29	1.0	.05	4.3	15
76739	.92	67.71	9.59	151.9	90	75.7	16.6	592	2.96	20.4	.5	2.7	2.1	28.9	.12	.19	.12	68	.40	.056	8.3	163.1	2.08	383.7	.137	<1	2.07	.009	.59	<.2	3.0	.27	<.01	14	.3	.04	6.2	15
76741	.58	11.79	9.59	39.5	81	9.5	4.7	255	1.66	4.8	.9	1.4	1.3	165.6	.11	.36	.13	37	.41	.047	8.0	20.1	.29	403.2	.036	1	1.12	.011	.04	<.2	1.9	.05	<.01	41	.4	.05	3.8	15
76742	.60	12.13	8.00	63.0	50	15.5	9.2	520	1.99	4.5	.5	2.2	2.2	62.7	.18	.50	.14	50	.69	.050	10.0	23.6	.52	363.1	.068	3	1.23	.019	.06	<.2	2.7	.05	.02	30	.3	.03	3.8	15
76743	.46	10.02	12.91	48.6	76	10.0	5.1	254	1.78	5.1	.6	7.7	2.3	33.9	.11	.72	.15	44	.37	.053	9.7	21.3	.37	632.0	.036	4	1.41	.009	.06	<.2	2.8	.06	.01	49	.4	.03	4.3	15
76744	.53	16.28	16.59	52.0	43	16.5	7.8	394	2.29	7.9	.6	2.4	1.5	103.1	.36	.43	.17	57	1.75	.040	13.0	25.8	.54	294.1	.053	3	1.42	.018	.06	<.2	3.4	.05	.05	104	.6	.04	4.3	15
76745	.24	27.97	12.96	57.2	91	21.2	7.5	408	2.13	7.9	.5	3.2	2.1	74.5	.21	.65	.16	54	1.74	.048	13.9	26.8	.72	355.8	.055	2	1.46	.015	.04	<.2	3.0	.05	.03	60	.7	.04	4.3	15
76746	.32	21.16	12.29	67.4	71	16.4	6.5	369	1.92	6.6	.6	3.0	1.4	68.9	.32	.49	.15	48	1.96	.052	11.8	23.3	.55	270.8	.049	3	1.32	.013	.04	<.2	2.4	.04	.05	69	.6	.02	3.7	15
76747	.25	18.87	8.63	50.7	63	15.0	8.4	391	2.15	7.0	.4	2.3	2.4	41.9	.21	.34	.11	59	1.27	.064	12.2	21.5	.72	174.7	.067	2	1.29	.018	.05	< 2	3.2	.04	<.01	26	.4	.03	4.0	15
RE 76747	.26	17.96	8.49	49.7	61	14.6	8.3	384	2.13	6.6	.4	2.5	2.4	40.8	.19	.34	.11	59	1.26	.063	11.8	21.7	.72	175.6	.066	1	1.28	014	.05	.2	3.1	.04	.02	35	.4	.02	4.0	15
76748	.24	30.65	14.07	56.2	102	23.9	9.1	411	2.34	9.5	.5	6.5	2.1	52.6	.30	.56	.17	57	2.11	.057	14.0	29.8	.65	265.0	.072	2	1.66	.017	.04	<.2	3.3	.05	.05	60	.7	.04	4.7	15
76749	.12	23.01	11.26	51.4	72	17.9	6.5	126	1.86	5.2	.7	2.2	2.4	37.3	.24	.49	.13	53	1.37	.040	12.6	25.7	.54	218.7	.062	2	1.50	.014	.04	<.2	3.3	.04	.03	44	.6	.02	4.4	15
76750	.15	28.56	10.75	64.6	78	18.2	9.9	216	2.72	6.3	.5	3.9	3.4	33.0	.19	.53	.12	83	1.11	.062	14.0	29.6	.61	210.5	.105	1	1.65	.016	.05	<.2	5.5	.05	.02	40	.5	.03	6.1	15
76751	.23	25.49	9.25	64.8	61	13.1	11.5	489	3.10	3.8	1.3	1.5	2.9	35.2	.11	.34	.11	84	.96	.064	13.8	24.7	.64	201.2	.104	1	1.61	.011	.06	<.2	6.2	.06	.02	38	.6	.02	7.4	15
76752	.24	19.75	12.56	99.0	64	24.1	17.2	513	4.02	2.8	.7	1.8	2.0	67.1	.08	.23	.09	130	1.10	.091	9.1	48.1	2.07	215.4	.252	1	2.79	.011	.15	<.2	9.3	.08	<.01	28	.4	<.02	12.1	15
76753	1.01	11.35	11.74	50.2	57	12.6	7.4	238	3.01	5.8	.3	1.3	2.5	18.8	.07	.42	.18	80	.17	.028	8.0	31.0	.71	152.2	.133	<1	1.91	.011	.06	<.2	4.5	.08	<.01	11	.3	.04	10.0	15
76754	.54	7.17	18.19	77.9	14	9.6	4.9	177	2.31	4.1	.3	.9	.7	30.6	.08	.25	.14	62	.22	.051	5.2	19.0	.46	122.5	.026	<1	2.00	.005	.03	<.2	2.2	.05	.01	20	.3	.02	10.0	15
76755	.62	13.97	11.42	41.8	82	8.6	6.2	288	1.87	1.8	1.4	1.4	2.0	46.6	.07	.22	.15	54	.44	.023	18.9	18.6	.34	186.0	.043	<1	1.55	.010	.03	<.2	4.1	.07	.01	34	.3	.03	8.1	15
76756	1.06	7.25	18.30	135.7	25	8.5	8.0	418	3.92	5.6	.2	.3	1.2	117.6	.20	.29	.12	114	.29	.097	4.8	23.3	.93	229.2	.129	<1	2.38	.011	.07	<.2	3.6	.04	.02	21	.4	.05	19.0	15
STANDARD DS2	14.18	128.14	33.38	154.6	266	35.0	11.6	822	3.05	55.6	19.3	224.0	3.4	25.5	10.86	10.03	10.88	72	.50	.088	15.7	154.2	.59	145.9	.089	2	1.63	.029	.15	8.3	2.9	1.78	.03	225	2.3	1.85	5.6	15

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76757	1.15	11.28	20.62	96.1	33	17.8	10.5	296	3.74	7.2	.3	1.6	2.3	34.4	.18	.53	.19	99	.14	.036	6.5	31.5	.68	284.7	.073	1	2.79	.006	.03	<.2	3.1	.07	.01	22	.3	.06	12.3	15
76758	.96	8.47	12.03	66.8	30	12.2	6.9	256	2.71	5.3	.3	1.4	1.9	43.3	.06	.40	.13	70	.28	.022	5.0	22.7	.48	240.3	.040	<1	2.41	.010	.04	<.2	2.3	.06	<.01	23	.3	.03	10.3	15
76759	.89	15.19	15.88	45.5	48	10.5	7.7	645	2.04	2.8	.8	2.0	2.0	25.4	.08	.36	.18	61	.19	.024	13.9	21.2	.28	170.5	.056	<1	1.56	.009	.03	<.2	2.7	.05	.01	30	.3	.04	7.0	15
76760	.59	21.24	8.18	64.6	68	21.7	8.7	371	2.36	5.0	.5	4.9	4.3	45.7	.23	.58	.12	68	1.03	.104	14.2	28.5	.65	265.7	.092	2	1.12	.023	.07	.4	2.8	.05	.03	35	.4	.03	4.0	15
76761	.39	16.44	7.94	58.6	68	16.5	7.6	388	2.02	4.9	.7	3.3	2.0	42.4	.16	.39	.12	54	1.21	.064	10.0	23.3	.51	249.6	.062	1	1.24	.019	.04	.3	2.6	.04	.05	40	.6	.03	4.4	15
76762	.31	16.13	7.81	66.3	64	16.0	7.7	472	2.06	5.8	.6	3.7	2.1	51.9	.23	.44	.10	51	1.27	.064	10.0	22.9	.48	219.2	.059	2	1.24	.017	.04	.2	2.6	.04	.04	34	.6	.02	4.2	15
76763	.36	15.07	8.62	54.5	56	15.1	8.0	369	2.13	4.9	.6	2.2	2.8	43.6	.17	.39	.12	57	.84	.063	11.9	23.6	.51	237.8	.068	1	1.33	.018	.04	.3	2.7	.04	.02	41	.4	.02	4.5	15
76764	.41	14.55	10.95	57.1	55	13.9	8.0	291	2.32	4.8	.7	.7	3.2	51.6	.10	.35	.14	65	.67	.057	11.9	26.3	.55	248.0	.083	1	1.54	.017	.04	<.2	3.5	.06	.02	31	.4	.04	5.9	15
76765	.60	16.07	7.17	55.1	48	19.1	8.7	315	2.10	6.1	.4	1.5	2.8	35.0	.17	.48	.12	54	.67	.071	10.4	23.9	.60	191.4	.081	2	1.16	.026	.05	<.2	2.6	.05	.02	26	.4	.04	3.9	15
76770	.79	29.83	91.54	175.1	147	17.0	8.6	307	2.48	22.4	.6	173.9	5.5	32.5	.41	.81	.28	57	.23	.020	12.7	26.8	.45	359.9	.066	1	1.37	.012	.05	<.2	3.3	.04	.02	32	.4	.03	4.3	15
76771	.22	10.97	27.82	190.3	75	5.9	2.4	153	1.27	12.5	.3	9.0	3.2	21.1	.40	.34	.06	25	.16	.016	9.7	9.4	.18	179.6	.012	<1	.83	.003	.03	<.2	2.2	.03	<.01	20	.2	<.02	2.7	15
76772	.56	23.85	67.65	165.2	109	19.1	10.5	598	2.97	11.5	.7	12.2	4.8	50.3	1.05	.59	.14	75	.53	.020	11.8	40.0	.63	375.1	.105	1	1.78	.018	.06	<.2	5.3	.05	.01	33	.3	.03	6.0	15
76774	.60	27.92	137.64	259.5	173	19.6	10.1	477	3.48	54.6	1.0	108.2	9.7	30.9	.80	.72	.17	70	.31	.019	15.5	31.1	.54	266.7	.045	1	1.75	.007	.06	<.2	6.6	.06	.01	39	.4	.02	5.8	15
76775	.78	22.98	27.01	72.7	104	22.4	9.6	450	2.81	13.0	.9	15.6	5.6	31.2	.17	.55	.15	72	.30	.020	19.7	35.0	.55	248.2	.091	1	1.78	.011	.07	<.2	5.2	.06	.01	31	.3	.02	5.7	15
76776	.95	16.60	15.17	57.7	75	17.5	9.9	412	2.94	10.4	.4	8.6	3.3	46.8	.23	.41	.17	76	.44	.022	9.3	40.1	.61	288.2	.112	1	1.69	.016	.06	<.2	3.3	.07	.01	21	.3	.05	6.4	15
76801	3.56	16.77	18.55	51.4	234	11.0	4.4	181	3.19	211.6	.7	1.2	3.4	23.1	.22	1.13	.32	92	.06	.083	12.8	25.7	.24	187.1	.062	1	1.39	.008	.06	.2	1.7	.09	.04	19	.8	.09	8.3	15
76802	1.61	29.32	14.48	139.2	299	41.2	21.3	847	3.69	682.9	1.4	11.8	3.1	55.4	.34	.94	.26	76	.49	.146	20.7	41.8	.89	460.9	.100	1	2.22	.033	.08	<.2	4.7	.11	.03	24	.5	.08	7.0	15
RE 76803	1.58	21.54	11.89	105.0	101	35.2	9.5	520	2.95	245.2	.8	14.0	4.1	42.5	.14	.26	.21	49	.26	.069	13.6	58.0	1.30	208.3	.092	1	1.56	.011	.32	<.2	4.2	.14	.11	14	.3	.04	6.2	15
76803	1.57	21.87	12.16	105.8	93	35.3	9.6	516	2.98	248.2	.8	25.4	4.1	42.4	.13	.25	.22	50	.26	.072	13.2	58.5	1.30	207.7	.091	<1	1.54	.011	.32	<.2	4.1	.14	.10	14	.3	.05	6.3	15
76804	.81	35.84	14.31	82.8	101	71.6	26.8	677	3.20	24.5	.5	3.3	3.6	23.7	.10	.18	.24	83	.40	.040	8.5	185.0	2.07	164.7	.094	1	1.94	.004	.24	<.2	4.9	.13	.04	19	.8	.10	7.0	15
76806	.51	42.62	9.26	57.1	96	16.3	22.8	929	4.22	8.0	.6	4.2	1.1	107.4	.19	1.57	.14	88	2.01	.073	9.4	18.8	.60	413.8	.019	3	1.19	.011	.13	<.2	8.8	.11	.10	57	.7	.04	3.4	15
76807	1.55	21.51	21.09	56.9	196	13.5	9.2	485	3.02	18.2	1.4	10.4	5.3	93.2	.15	3.47	.26	37	.72	.069	22.4	16.3	.29	705.5	.013	5	.94	.009	.09	<.2	3.7	.07	.06	95	.8	.06	3.0	15
76808	1.00	19.48	18.76	65.3	160	14.3	12.9	1171	2.64	11.6	1.3	5.7	4.8	92.1	.15	3.20	.34	38	.73	.069	23.6	20.2	.32	600.9	.021	6	.97	.009	.10	<.2	3.7	.08	.05	103	.6	.04	3.4	15
76809	1.71	14.01	14.29	66.6	159	15.0	4.2	150	1.82	43.2	.6	3.7	1.7	26.3	.20	1.41	.21	51	.28	.058	13.2	21.6	.34	199.6	.029	2	1.12	.008	.05	<.2	1.9	.08	.03	71	.8	.03	4.7	15
76810	3.08	19.05	23.15	112.9	134	28.8	8.1	235	3.20	113.9	.8	2.6	5.3	39.8	.18	4.62	.26	56	.47	.100	23.1	26.7	.41	364.8	.018	4	1.27	.007	.06	<.2	3.0	.08	.03	87	.8	.06	4.3	15
76811	1.14	22.55	19.01	65.5	182	18.4	11.8	846	2.97	8.5	1.8	1.7	5.5	106.5	.15	1.82	.27	40	.79	.061	22.8	19.5	.43	884.9	.015	5	1.55	.009	.12	<.2	6.4	.07	.04	78	.8	.03	4.1	15
76812	.88	19.96	12.21	50.6	40	17.6	11.3	446	2.62	5.7	1.2	2.2	7.6	40.5	.07	.85	.18	44	.36	.026	22.8	21.6	.42	602.9	.030	4	1.35	.009	.11	<.2	3.9	.06	.01	24	.4	.02	3.9	15
76813	.91	28.20	8.41	53.1	61	16.8	11.7	395	3.13	3.6	.3	1.1	1.8	31.8	.09	.59	.13	89	.31	.017	6.7	34.6	.68	432.9	.043	2	1.65	.010	.09	<.2	4.5	.08	.02	11	.3	.03	6.7	15
76814	.49	61.05	6.35	80.4	141	20.5	13.7	415	3.29	2.4	1.0	2.7	3.0	94.6	.15	.40	.10	90	1.04	.041	15.6	35.6	1.38	824.5	.082	4	2.14	.012	.34	<.2	12.6	.17	.05	60	.7	.02	7.8	15
76815	.57	30.39	7.91	56.5	22	19.9	11.4	313	2.84	4.9	.3	.7	2.7	20.0	.04	.34	.12	71	.27	.021	10.2	33.5	.79	517.8	.077	2	1.92	.008	.14	<.2	3.7	.08	.01	20	4	.03	6.2	15
76816	.82	34.70	7.06	73.0	17	22.4	16.2	395	4.04	6.2	.2	1.1	2.2	12.9	.06	.44	.10	107	.13	.021	5.0	49.8	1.32	258.2	.128	2	2.67	.007	.23	<.2	5.8	.13	<.01	16	.3	.03	8.3	15
76817	1.19	16.28	13.45	56.8	99	19.5	12.9	362	3.17	7.1	.4	3.5	4.1	15.1	.09	.56	.22	80	.14	.019	8.3	40.5	.45	404.7	.090	1	2.21	.009	.06	<.2	3.0	.10	<.01	11	.2	.04	7.5	15
76818	.81	15.43	9.35	47.2	66	18.0	12.1	608	2.94	5.7	.2	.9	2.8	23.6	.07	.57	.16	77	.31	.014	7.8	31.8	.56	479.0	.098	2	1.56	.012	.26	<.2	3.3	.09	<.01	15	.3	.03	5.9	15
STANDARD DS2	13.95	127.53	33.52	152.6	268	33.1	11.7	813	3.01	57.9	19.1	220.0	3.4	25.9	10.50	10.11	10.79	73	.49	.087	14.3	147.8	.58	145.9	.086	1	1.58	.027	.15	8.1	2.6	1.79	.02	254	2.5	1.86	5.8	15

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

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

Data ___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76819	.73	24.73	8.67	54.8	41	23.4	11.0	366	2.90	8.2	.4	2.7	4.2	25.2	.06	.62	.16	78	.30	.013	10.2	43.1	.68	404.0	.119	2	1.81	.012	.14	<.2	5.1	.10	<.01	17	.3	.03	5.7	15
76820	.83	12.90	8.26	47.9	55	15.1	10.6	459	2.65	3.7	.3	1.2	2.4	21.8	.07	.45	.13	69	.31	.019	7.6	34.5	.60	587.7	.094	2	1.49	.010	.27	<.2	3.2	.08	.01	17	.2	.03	5.4	15
76821	.63	14.35	8.51	45.4	38	14.0	9.4	399	2.58	3.8	.4	1.2	2.7	26.5	.06	.42	.13	66	.40	.013	9.5	32.1	.54	440.8	.070	2	1.46	.010	.15	<.2	3.7	.07	<.01	12	.2	.02	4.9	15
76822	.67	21.17	9.24	44.7	66	17.5	8.8	332	2.52	4.9	.5	2.7	3.2	41.1	.10	.68	.14	59	.50	.025	10.8	27.7	.49	628.0	.057	4	1.46	.016	.09	<.2	4.7	.05	.01	25	.2	.03	4.4	15
76823	1.08	20.60	9.15	48.9	35	16.8	8.7	258	2.84	4.4	.7	3.5	5.1	33.4	.07	.99	.13	60	.32	.018	16.9	27.1	.50	977.3	.042	4	1.59	.012	.16	<.2	5.1	.06	<.01	12	.2	.02	5.1	15
76824	.93	20.69	12.11	64.5	78	19.0	13.0	479	3.51	27.6	.5	1.8	2.8	35.1	.17	1.34	.16	67	.27	.018	10.0	35.1	.48	633.7	.058	3	1.34	.010	.22	<.2	4.7	.08	.03	13	.3	.03	4.7	15
76825	.70	16.58	14.80	53.9	55	18.8	10.9	471	2.83	10.2	.6	1.2	3.2	33.6	.10	.77	.20	72	.36	.023	10.9	37.5	.74	605.7	.078	2	1.83	.014	.13	<.2	5.5	.08	<.01	14	.2	.03	5.7	15
76951	3.76	36.82	35.85	90.3	253	33.5	7.5	275	2.58	21.8	.8	1.9	5.3	20.6	.28	.44	.33	58	.25	.044	13.5	44.2	1.00	215.5	.054	<1	1.62	.006	.07	<.2	2.8	.21	.02	17	.7	.05	5.7	15
76952	2.17	31.37	26.06	82.5	142	29.1	9.1	388	2.62	63.4	1.0	3.1	7.0	27.5	.26	.54	.25	53	.35	.064	18.6	50.2	.96	267.4	.080	<1	1.45	.008	.21	<.2	3.4	.20	.01	26	.6	.04	4.7	15
76953	1.57	30.55	15.07	70.0	183	33.3	12.2	505	2.55	100.3	1.0	61.0	3.9	32.5	.21	.60	.26	61	.39	.070	12.5	64.0	.91	386.2	.085	1	1.59	.011	.16	.3	3.8	.09	<.01	20	.6	.08	5.2	15
76954	1.58	24.06	13.16	95.6	199	24.1	7.8	341	2.55	94.2	1.0	9.3	4.0	27.7	.25	.47	.18	53	.31	.094	12.4	33.4	.88	283.4	.074	<1	1.66	.006	.13	<.2	3.1	.09	<.01	27	.4	.04	5.8	15
76955	2.65	36.26	28.03	94.4	422	28.7	7.9	308	2.69	97.0	1.3	4.3	3.4	34.5	.34	.68	.24	65	.28	.065	13.8	37.8	.56	391.7	.061	<1	1.67	.011	.07	7.8	3.2	.08	.04	24	.9	.08	6.5	15
76956	3.51	50.27	45.28	140.3	267	36.9	9.8	327	3.30	274.7	2.2	11.4	5.0	54.4	.55	1.11	.26	73	.28	.079	19.9	40.7	.70	641.6	.053	1	1.83	.013	.09	<.2	4.2	.12	.08	34	1.4	.07	5.9	15
76957	2.22	18.82	14.50	113.2	617	14.8	11.5	1877	2.47	57.8	1.0	1.0	1.3	24.3	.90	.49	.32	66	.15	.128	13.2	24.7	.34	338.6	.048	<1	1.29	.007	.07	<.2	1.6	.11	.03	21	.4	.05	7.0	15
76958	1.76	20.29	19.40	100.2	348	14.0	6.9	301	2.39	92.7	.6	7.9	1.0	12.1	.44	.66	.25	77	.09	.055	11.9	27.1	.32	387.3	.057	1	1.56	.006	.05	<.2	1.7	.10	.02	19	.3	.06	7.6	15
76959	4.96	47.17	194.48	74.3	563	15.1	3.5	95	3.68	282.2	1.5	2.3	4.6	16.2	.39	2.07	.34	61	.03	.071	14.6	22.5	.17	358.1	.024	<1	1.20	.004	.07	.2	1.8	.14	.10	16	1.8	.14	4.8	15
76960	4.12	61.64	48.27	143.1	164	22.3	4.6	221	3.03	106.9	2.2	3.8	1.7	19.0	.42	.55	.25	55	.02	.089	28.8	30.2	.60	305.3	.054	<1	1.25	.006	.40	<.2	1.8	.25	.27	14	1.4	.12	7.3	15
76961	2.21	48.39	54.95	138.7	187	42.4	16.9	992	3.28	378.8	1.6	7.7	8.3	65.2	.71	.50	.28	52	1.03	.069	21.4	57.0	1.26	182.9	.072	1	1.57	.009	.30	<.2	5.2	.30	.05	33	1.1	.05	4.7	15
76962	1.40	80.61	61.67	176.1	240	88.1	20.5	1080	3.85	25.0	.8	4.6	4.7	64.7	.78	.29	.31	100	.88	.069	16.7	162.6	2.45	412.9	.112	<1	2.34	.007	.63	<.2	8.6	.34	.04	39	.8	.04	8.1	15
76963	2.18	60.10	22.29	126.4	188	97.6	15.5	612	3.09	136.6	1.5	3.2	4.0	42.3	.33	.50	.27	64	.39	.075	12.7	115.6	1.64	380.8	.082	1	1.96	.006	.45	<.2	4.6	.23	.06	17	1.0	.05	8.0	15
76964	6.68	34.00	76.06	116.2	366	11.1	2.2	108	1.83	395.1	2.5	10.3	3.1	97.1	.42	1.37	1.05	43	.11	.069	12.4	13.3	.15	420.6	.009	1	.89	.025	.16	.5	6	.16	.21	48	3.5	.08	4.8	15
76965	5.16	43.65	24.10	142.9	303	35.1	8.9	437	3.47	572.5	1.0	4.6	3.6	24.6	.56	2.14	.24	65	.07	.077	18.2	21.9	.40	171.6	.044	1	1.23	.006	.09	<.2	2.3	.09	.05	29	1.0	.09	6.0	15
76968	1.75	33.62	13.47	95.6	353	31.0	11.1	358	3.78	208.8	2.0	34.7	3.2	39.7	.26	.49	.19	77	.39	.090	21.8	34.7	.83	334.2	.092	1	2.13	.023	.10	<.2	4.8	.10	.04	50	.5	.05	8.3	15
76969	2.14	34.58	21.57	92.0	158	27.7	9.2	270	3.57	563.4	1.7	42.5	4.1	24.2	.29	.87	.32	75	.11	.038	12.7	35.5	.47	301.2	.050	1	2.30	.007	.07	<.2	3.2	.12	.05	27	1.0	.11	7.0	15
76970	1.18	23.14	10.08	52.4	70	19.5	7.7	223	2.68	57.3	1.3	4.7	2.8	15.5	.18	.62	.19	66	.13	.041	12.0	30.5	.46	277.0	.059	<1	1.55	.007	.04	<.2	3.2	.08	.02	25	.5	.04	5.7	15
RE 76970	1.19	23.71	10.32	53.4	69	20.4	7.9	225	2.68	50.9	1.3	4.1	3.1	16.2	.17	.60	.20	67	.13	.042	12.3	30.5	.47	277.2	.061	1	1.62	.007	.05	<.2	3.3	.08	.02	31	.5	.06	5.8	15
76971	3.15	26.67	21.09	77.1	186	23.5	9.6	463	2.75	174.0	1.6	2.4	4.2	30.3	.32	.79	.36	59	.18	.099	16.0	22.9	.37	444.6	.035	<1	1.37	.006	.11	<.2	2.4	.09	.03	21	.8	.04	5.5	15
76974	1.99	17.50	29.34	126.1	186	23.0	11.0	645	3.03	87.1	1.5	2.1	8.1	49.2	.58	.59	.44	61	.42	.061	14.0	30.3	.61	259.8	.054	1	1.69	.017	.11	.4	2.8	.11	.04	36	.3	.04	6.3	15
76975	.30	22.40	14.34	60.5	98	16.3	9.1	469	2.42	6.4	1.3	4.7	3.7	35.1	.17	.49	.26	55	1.01	.046	14.7	27.1	.50	400.9	.065	1	1.53	.013	.04	<.2	3.6	.05	.03	40	.6	.03	4.7	15
76976	.22	21.97	14.01	57.5	87	15.2	7.0	308	2.07	4.4	.8	2.9	3.3	34.6	.19	.43	.26	51	1.33	.043	15.2	24.5	.58	393.8	.055	1	1.43	.012	.04	<.2	3.1	.04	.04	54	.5	.04	4.4	15
76977	.21	33.42	13.09	62.3	111	21.7	8.5	388	2.22	4.5	1.3	5.8	4.1	45.7	.31	.59	.27	56	1.44	.051	20.4	30.2	.60	409.8	.066	1	1.52	.013	.05	<.2	3.9	.04	.04	59	.7	.05	4.6	15
76978	.22	25.43	21.74	54.3	103	16.8	8.1	387	2.17	4.6	1.1	2.0	3.8	47.2	.22	.44	.33	50	1.40	.043	21.8	26.9	.61	520.4	.055	1	1.65	.012	.04	<.2	3.9	.05	.02	55	.5	.05	4.8	15
76979	.66	11.40	24.32	47.3	35	10.8	5.6	189	2.21	6.8	.3	2.0	2.5	18.4	.08	.33	.22	57	.18	.022	7.8	22.8	.39	293.1	.053	<1	1.57	.006	.04	<.2	1.7	.05	<.01	15	.2	.03	5.1	15
STANDARD DS2	14.41	126.15	33.25	151.0	264	33.6	11.3	805	2.98	57.1	19.4	215.0	3.4	26.2	10.36	10.00	11.27	73	.49	.093	15.3	154.3	.57	147.0	.086	1	1.60	.028	.15	8.9	2.7	1.87	.02	234	2.3	1.88	5.8	15

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76980	.95	13.60	15.51	46.4	61	13.5	6.2	249	2.26	4.6	.4	1.7	5.3	36.8	.08	.53	.16	51	.26	.022	15.5	23.3	.42	632.5	.050	1	1.40	.007	.06	<.2	2.3	.04	<.01	14	.3	.03	4.6	15
76981	.68	12.06	13.78	52.5	73	12.3	8.3	449	2.29	3.2	.5	.7	5.7	44.7	.06	.34	.15	53	.23	.033	17.6	22.3	.39	601.0	.055	1	1.64	.010	.04	<.2	2.9	.06	<.01	21	.2	.02	6.0	15
76982	.67	22.29	12.66	51.3	105	12.3	7.0	501	2.16	2.5	.7	.9	3.9	41.2	.13	.30	.13	46	.34	.035	18.0	19.8	.38	674.9	.040	1	1.34	.008	.08	<.2	2.8	.04	.01	37	.3	.02	4.9	15
76983	.97	26.69	9.26	64.2	104	21.2	10.2	579	2.41	5.6	.8	2.1	2.7	51.5	.23	.63	.15	58	.81	.066	15.4	28.7	.58	354.0	.056	1	1.39	.019	.05	<.2	3.1	.06	.03	40	.6	.03	4.6	15
76984	.73	19.09	9.57	66.5	78	16.8	9.7	518	2.45	5.1	.7	11.2	2.6	43.1	.22	.45	.18	58	.71	.073	16.1	26.4	.57	333.4	.062	1	1.44	.017	.05	.3	3.0	.06	.02	40	.4	.03	5.0	15
76985	.68	20.00	7.35	54.9	72	20.1	7.9	257	2.32	6.2	.6	2.4	3.5	33.2	.16	.58	.12	60	.56	.064	12.4	27.1	.57	268.9	.078	1	1.35	.020	.04	.2	2.8	.06	<.01	20	.3	.03	4.4	15
76986	.69	25.54	7.42	60.4	82	24.0	9.8	436	2.42	6.5	.4	3.9	3.3	36.2	.23	.62	.13	61	.69	.073	12.4	27.2	.60	272.1	.084	2	1.24	.026	.05	.2	3.0	.04	<.01	24	.3	.04	4.0	15
76987	.72	35.07	8.67	65.7	106	28.2	10.9	449	2.57	7.7	.4	2.1	3.9	38.8	.18	.79	.14	62	.83	.065	13.8	29.5	.71	333.5	.088	2	1.35	.028	.06	.2	3.5	.06	<.01	30	.3	.04	4.3	15
76988	.28	23.38	8.43	60.0	77	17.2	8.4	296	2.20	4.7	.7	1.9	2.0	63.0	.30	.44	.13	49	1.97	.085	14.2	24.4	.65	227.7	.071	2	1.34	.022	.04	<.2	2.8	.03	.05	43	.6	.04	4.4	15
76989	.33	18.52	10.63	59.5	64	12.7	5.5	421	1.58	5.7	.8	3.9	1.2	66.6	.33	.33	.14	41	2.46	.060	10.0	19.8	.54	256.2	.044	2	1.12	.017	.03	<.2	1.9	.03	.06	43	.5	.04	3.7	15
76990	.30	22.89	19.80	54.1	84	15.9	6.2	655	1.73	6.0	.8	3.3	1.5	58.0	.36	.43	.19	43	2.24	.054	12.2	22.3	.73	304.0	.044	2	1.22	.016	.03	.2	2.2	.04	.03	48	.5	.02	3.8	15
76991	.27	22.00	20.73	63.3	78	16.1	7.3	264	2.20	12.5	.6	2.5	1.9	49.0	.30	.45	.21	52	1.70	.061	12.9	22.4	.58	193.2	.053	2	1.30	.016	.04	<.2	2.7	.04	.02	37	.6	.04	4.8	15
76992	.73	17.46	11.05	59.6	35	22.8	9.6	632	2.70	6.8	.6	.3	3.7	30.2	.24	.49	.19	74	.74	.012	12.0	31.4	.56	272.5	.039	2	2.43	.012	.04	<.2	4.2	.11	<.01	24	.2	.04	7.7	15
77000	1.36	9.94	10.65	32.4	26	11.4	5.0	193	3.07	8.8	.3	4.2	1.2	10.3	.16	.59	.18	86	.07	.041	8.6	24.4	.28	136.7	.074	1	1.54	.006	.03	<.2	1.9	.08	<.01	30	.4	.05	8.5	15
77001	1.06	8.20	12.02	22.7	13	3.1	2.0	121	1.30	5.3	.4	14.3	1.9	12.5	.04	.91	.11	15	.01	.038	9.0	3.1	.02	51.8	.009	1	.42	.003	.03	<.2	1.0	.04	<.01	9	.2	.03	2.2	15
77002	1.21	29.87	11.03	70.5	31	11.9	16.1	666	4.39	<.1	1.3	1.3	8.0	46.4	.04	.32	1.42	78	.53	.134	32.8	17.2	.78	488.1	.059	1	2.15	.007	.24	<.2	3.0	.29	.01	13	.4	.02	8.3	15
77035	1.11	38.67	15.10	52.5	104	21.6	10.8	342	3.05	24.5	.5	5.0	3.2	15.8	.13	.57	.27	77	.17	.030	11.2	27.2	.57	195.2	.040	1	1.79	.008	.04	<.2	2.8	.10	.01	26	.3	.06	7.4	15
77036	1.27	39.67	11.38	53.0	239	17.3	10.0	245	3.03	90.0	.3	8.3	2.4	19.3	.19	.67	.31	82	.25	.017	8.5	27.4	.52	114.4	.041	1	1.91	.011	.03	<.2	3.0	.11	<.01	28	.2	.05	8.1	15
77037	1.44	18.20	107.34	186.8	934	22.8	14.0	547	3.01	10.0	.5	1.9	3.3	24.9	.87	.60	.23	87	.33	.014	11.0	36.1	.50	246.0	.072	1	2.25	.012	.02	<.2	3.1	.14	<.01	24	.3	.04	8.0	15
77038	1.32	23.95	22.48	67.0	69	27.1	10.5	531	2.90	11.7	.4	1.9	2.9	23.3	.16	.61	.21	82	.25	.024	11.1	32.9	.54	326.8	.070	1	2.18	.010	.03	<.2	3.5	.12	.01	21	.3	.04	7.6	15
77039	.72	26.73	15.42	72.6	177	31.3	8.3	479	2.27	7.8	.4	241.5	1.4	47.9	.35	1.03	.19	58	.95	.053	15.9	28.6	.67	217.3	.043	2	1.77	.021	.03	<.2	3.0	.09	.01	34	.4	.04	5.3	15
77040	.73	26.33	15.43	78.4	112	25.3	8.9	974	2.37	6.5	.4	1.8	1.5	42.0	.66	.58	.18	63	1.06	.029	11.8	29.2	.64	383.0	.054	2	1.86	.022	.03	<.2	3.6	.08	.01	27	.4	.05	5.6	15
77041	.64	24.94	11.34	69.5	138	27.4	9.3	542	2.50	7.6	.5	2.0	1.7	44.8	.36	.56	.19	63	1.12	.051	14.2	32.5	.65	236.5	.057	2	1.86	.024	.04	<.2	3.5	.07	.03	33	.4	.03	5.5	15
77042	.74	22.17	11.27	67.0	100	24.0	7.4	574	2.07	6.0	.6	1.1	.7	49.1	.86	.63	.18	53	1.67	.061	12.2	27.5	.55	142.5	.045	2	1.66	.021	.03	<.2	2.4	.07	.05	36	.5	.04	4.7	15
RE 77042	.73	22.42	11.62	65.8	102	23.8	7.3	578	2.07	6.0	.6	2.3	.7	45.9	.87	.62	.19	51	1.61	.061	11.8	26.8	.54	143.9	.039	2	1.57	.018	.03	<.2	2.2	.07	.04	33	.5	.04	4.5	15
77043	.70	20.73	12.96	63.1	61	24.3	8.3	469	2.43	6.3	.6	1.2	2.3	31.4	.42	.57	.23	63	.90	.026	13.3	30.0	.52	125.0	.043	1	1.91	.018	.03	<.2	3.5	.09	<.01	40	.4	.04	6.0	15
77044	.52	22.62	9.37	43.2	172	16.3	5.5	470	1.69	5.9	1.1	1.2	.4	68.2	.40	.41	.16	42	2.32	.073	9.2	20.5	.38	155.9	.035	2	1.32	.017	.03	<.2	1.5	.06	.09	58	.6	.05	3.9	15
77045	.76	20.82	12.85	64.3	113	22.4	6.9	586	2.10	6.2	.3	1.3	1.3	40.7	.47	.61	.18	53	1.52	.059	11.5	28.7	.62	242.4	.042	2	1.61	.021	.04	<.2	2.6	.07	.03	27	.4	.04	4.7	15
77046	.60	20.79	10.80	61.5	116	19.5	6.1	479	1.91	6.0	.9	1.4	.6	44.1	.55	.50	.18	46	1.82	.055	10.0	23.0	.45	112.8	.034	2	1.40	.018	.02	<.2	2.0	.07	.05	36	.5	.04	4.4	15
77047	.51	21.18	7.02	31.3	211	11.0	3.0	435	1.05	9.6	1.5	2.6	.2	86.5	.46	.51	.11	27	3.16	.088	7.5	13.7	.20	152.8	.025	4	.91	.018	.02	<.2	.8	.06	.12	59	.8	.05	2.7	15
77048	.77	24.02	28.10	49.4	131	18.0	6.0	929	1.55	6.3	1.0	1.7	.2	53.2	.52	.49	.18	37	2.12	.082	9.6	19.1	.35	111.7	.032	2	1.27	.017	.03	<.2	1.3	.06	.08	55	.6	.05	3.9	15
77049	.63	29.47	19.03	64.9	153	27.5	9.5	587	2.40	8.4	.4	3.4	1.7	55.5	.44	.62	.18	56	1.64	.097	14.7	30.1	.62	198.3	.060	2	1.47	.021	.05	<.2	3.1	.04	.03	39	.4	.04	4.4	15
77080	1.25	38.87	12.71	65.4	83	25.4	14.0	411	3.79	38.5	.8	110.9	8.0	28.7	.11	3.27	.20	45	.31	.052	24.4	21.6	.38	761.0	.023	2	1.36	.007	.10	<.2	4.7	.08	.01	23	.5	.06	3.1	15
STANDARD DS2	13.67	127.99	30.64	156.0	270	34.7	11.5	818	2.97	63.3	17.2	221.8	3.4	25.4	10.47	9.71	10.17	71	.48	.085	14.8	145.0	.56	144.8	.086	2	1.53	.028	.14	7.8	2.6	1.82	<.01	221	2.2	1.85	5.6	15

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77081	1.46	64.08	19.42	65.1	370	16.8	24.2	1099	4.36	61.1	1.5	172.0	7.7	176.6	.18	4.81	.27	24	5.94	.146	16.8	5.3	.33	466.4	.002	8	.76	.006	.24	.4	9.5	.12	.20	52	.7	<.02	2.0	15
77086	1.00	38.71	10.49	68.4	112	35.0	12.5	437	3.90	10.8	.8	4.8	5.5	20.4	.08	3.76	.17	64	.20	.027	17.3	34.6	.48	978.2	.037	2	1.77	.007	.07	<.2	7.8	.08	<.01	48	.5	<.02	4.3	15
RE 77086	1.11	39.02	10.86	69.3	115	38.5	13.0	438	3.99	11.1	.8	7.6	5.5	20.2	.08	3.50	.17	67	.19	.027	17.1	37.8	.50	950.2	.037	2	1.85	.006	.07	<.2	8.0	.09	<.01	43	.5	.05	4.7	15

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

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

Data___ FA ____

[redacted]AC[redacted]ALY[redacted]AL [redacted]RAT[redacted]S L[redacted] [redacted]2 E[redacted]STI[redacted]ST. [redacted]COU[redacted] BC [redacted]A 1R[redacted] PHONE(604)253-[redacted] FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002933 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg Kulla

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76900	2.56	38.03	21.31	127.4	215	72.4	22.0	672	4.06	103.6	1.4	3.3	9.1	27.2	.17	.55	.23	99	.45	.094	26.3	208.8	1.87	269.2	.165	1	2.55	.012	.32	.2	3.6	.32	.04	37	.4	.05	12.0	15
76901	1.62	13.74	85.83	113.3	232	13.8	5.4	265	2.71	14.1	1.1	1.7	6.8	11.1	.20	.52	1.08	75	.14	.037	11.2	30.2	.32	105.5	.060	1	1.49	.012	.04	.4	1.7	.13	.02	38	.2	.04	8.4	15
76902	2.20	34.09	16.72	98.7	514	29.4	9.0	419	2.62	80.5	1.1	4.9	4.5	23.3	.25	.54	.22	69	.26	.054	21.6	68.8	.86	249.1	.079	1	1.60	.012	.12	<.2	2.4	.16	.05	62	.5	.05	7.6	15
76903	1.55	25.82	17.93	99.5	50	33.7	15.2	605	3.14	60.6	.8	8.9	8.3	15.8	.17	.59	.21	74	.20	.061	20.6	70.7	.91	135.5	.067	1	1.92	.009	.10	<.2	2.7	.10	.02	17	.4	<.02	7.0	15
76904	1.46	29.27	17.24	106.9	149	33.2	10.1	337	3.07	71.4	1.1	6.3	6.6	22.8	.17	.68	.29	77	.27	.042	17.2	92.7	.89	233.8	.057	1	2.12	.009	.06	<.2	3.2	.13	.01	25	.3	.05	7.4	15
76905	2.03	38.92	21.15	160.5	87	35.0	12.9	559	3.51	48.1	1.8	2.2	12.2	24.6	.22	.64	.23	84	.42	.135	23.9	58.7	1.13	260.5	.111	<1	2.38	.008	.39	<.2	3.0	.33	.01	18	.5	.06	8.2	15
76906	1.39	31.26	17.40	103.8	385	29.6	13.0	522	2.99	40.6	1.8	6.2	10.4	37.1	.20	.55	.21	65	.49	.083	31.2	58.8	.93	309.9	.084	1	1.99	.013	.16	.2	3.4	.17	.02	44	.5	.18	6.6	15
76907	.96	26.56	15.42	119.8	204	26.5	13.1	969	2.61	33.2	2.2	5.0	4.4	49.8	.39	.65	.29	56	1.07	.082	23.1	38.1	.68	304.0	.053	1	1.63	.013	.09	<.2	3.3	.11	.07	68	.9	.10	5.2	15
76908	.94	20.21	9.95	73.7	165	21.2	11.0	463	2.30	12.4	1.1	9.0	3.4	31.3	.22	.49	.16	58	.44	.075	19.8	34.8	.59	321.3	.068	1	1.43	.015	.07	.2	2.8	.08	.03	62	.5	.08	4.6	15
76909	1.45	28.13	15.61	76.5	320	26.0	9.9	313	2.65	21.9	1.6	4.0	5.6	31.2	.24	.54	.23	69	.34	.073	26.3	44.1	.68	329.1	.092	<1	1.89	.011	.15	<.2	3.2	.12	.02	35	.5	.06	7.0	15
76910	2.17	34.45	18.26	94.3	139	33.5	13.0	425	3.30	45.2	1.1	6.0	6.9	19.9	.17	.71	.28	79	.21	.061	22.2	56.2	.78	167.3	.109	1	1.95	.011	.16	<.2	2.7	.15	.03	31	.5	.07	7.2	15
76911	1.98	44.17	15.68	118.9	94	49.7	22.8	935	3.97	38.0	1.4	5.3	8.7	19.3	.28	.68	.22	87	.27	.094	26.2	66.9	1.09	236.4	.132	<1	2.36	.009	.37	<.2	3.2	.24	.03	15	.6	.09	7.8	15
76912	1.55	10.16	12.34	50.6	15	12.9	5.1	217	2.64	27.3	.3	2.5	2.2	11.0	.15	.65	.21	111	.12	.024	11.8	28.3	.44	70.1	.125	<1	1.20	.006	.05	<.2	1.9	.10	.01	29	.2	.04	9.8	15
76913	.80	20.28	9.47	54.0	85	23.0	9.1	310	2.28	8.9	.6	2.2	2.9	34.7	.07	.38	.16	57	.63	.062	13.4	27.7	.55	260.5	.054	<1	1.69	.015	.04	<.2	2.8	.09	.02	31	.3	.04	5.2	15
76914	.89	22.25	11.97	63.3	82	27.2	9.5	382	2.55	8.9	.6	3.3	2.7	58.7	.21	.52	.18	67	1.11	.041	16.9	38.2	1.23	279.0	.054	1	1.92	.021	.04	.2	4.2	.06	.03	59	.5	.02	5.4	15
77100	.78	19.74	12.80	65.6	120	20.0	9.6	423	2.39	35.2	1.1	10.0	5.9	36.7	.12	.54	.19	57	.47	.075	24.6	39.6	.65	338.7	.065	<1	1.71	.015	.06	.2	3.3	.10	.02	46	.5	.18	5.6	15
77101	.74	18.86	11.82	63.1	68	19.4	8.2	228	2.44	23.9	.8	5.2	5.1	25.5	.11	.53	.18	62	.35	.054	16.7	33.5	.58	247.0	.076	1	1.70	.015	.05	.2	2.8	.08	.01	33	.3	.08	5.3	15
77102	1.14	20.17	14.91	83.8	169	27.5	15.3	752	2.55	62.4	1.5	5.4	6.1	54.1	.29	.49	.16	53	.69	.119	25.6	53.8	.78	381.1	.061	1	1.43	.014	.11	.2	3.0	.11	.07	32	.6	.07	4.8	15
77103	.80	25.23	22.82	73.6	111	21.7	9.0	374	2.47	31.6	1.6	11.8	11.3	31.3	.10	.51	.25	53	.45	.083	43.9	38.9	.64	294.7	.089	<1	1.62	.015	.16	.2	3.5	.12	.01	29	.3	.06	5.4	15
77104	.77	21.08	13.51	65.0	66	21.7	7.7	223	2.40	25.2	.8	3.2	5.6	24.5	.11	.45	.22	61	.31	.046	18.9	37.4	.64	232.5	.094	1	1.70	.016	.07	<.2	2.9	.08	<.01	29	.2	.05	5.5	15
77105	.98	25.05	11.26	71.9	116	25.1	9.4	319	2.59	18.9	.9	2.8	4.9	34.7	.16	.55	.18	64	.50	.057	17.8	39.4	.66	343.9	.090	1	1.70	.021	.07	<.2	3.4	.08	.02	40	.4	.06	5.3	15
RE 77105	.93	24.67	11.45	71.1	107	24.9	9.1	323	2.57	18.9	.9	4.5	4.8	33.4	.16	.55	.18	64	.49	.058	17.0	39.4	.66	339.3	.088	1	1.67	.021	.06	<.2	3.3	.07	.02	28	.4	.04	5.2	15
77106	.81	20.31	10.60	70.6	94	22.7	9.3	309	2.41	24.0	.8	7.7	5.0	27.1	.18	.43	.18	58	.37	.063	18.0	33.1	.62	257.5	.076	1	1.57	.017	.06	.2	2.9	.08	.01	27	.4	.04	4.9	15
77107	.71	19.28	8.89	72.7	76	21.1	11.6	936	2.29	13.4	1.9	1.9	4.0	44.1	.24	.41	.12	54	.70	.085	15.7	30.2	.69	251.0	.068	2	1.37	.021	.07	.2	3.1	.06	.04	27	.4	.02	4.4	15
77108	2.20	39.42	21.63	131.1	200	39.0	12.7	473	3.23	57.1	1.8	5.8	9.4	36.3	.25	.58	.22	70	.43	.087	26.9	42.9	.89	194.0	.104	1	1.72	.014	.28	<.2	2.9	.20	.08	18	1.1	.08	5.8	15
77109	2.12	32.94	14.74	112.7	287	34.9	12.4	452	3.07	57.5	1.5	2.9	5.7	29.9	.32	.82	.23	75	.36	.079	22.9	44.0	.77	232.7	.085	1	1.94	.012	.14	<.2	3.0	.13	.04	33	1.0	.07	6.6	15
77110	1.59	33.57	10.71	107.5	188	34.5	11.7	315	3.37	74.5	1.1	4.4	7.3	27.6	.12	.51	.17	82	.33	.090	23.4	48.3	.86	205.4	.112	1	1.93	.009	.36	<.2	2.8	.21	.05	16	.7	.08	6.6	15
77111	1.42	27.98	9.22	92.8	281	27.7	10.4	295	2.56	36.3	1.3	3.2	3.9	32.4	.19	.58	.18	63	.34	.075	21.7	36.1	.67	226.9	.085	1	1.45	.016	.19	<.2	2.6	.14	.07	40	.8	.07	5.4	15
77112 SILT	.67	16.30	10.75	60.2	60	23.3	10.0	297	2.29	36.3	1.0	1.8	6.5	36.4	.09	.42	.12	45	.46	.084	21.8	33.3	.63	133.5	.084	1	1.22	.015	.12	.2	2.1	.11	.02	20	.2	.03	3.8	15
77113	1.50	35.39	19.87	93.4	61	43.6	13.5	346	3.15	35.0	.8	2.6	4.7	16.9	.17	.72	.21	70	.15	.036	13.3	37.5	.92	259.4	.089	1	2.31	.009	.05	<.2	3.0	.12	.02	38	.6	.07	6.7	15
77114	1.06	25.54	31.55	82.7	42	43.0	14.3	443	3.29	47.4	.8	.3	8.7	14.9	.17	.63	.29	60	.18	.060	27.7	72.4	.84	134.7	.077	1	1.80	.009	.25	.2	2.5	.18	.02	14	.3	.06	6.8	15
77115	.87	23.83	25.95	82.9	70	37.6	15.8	580	3.13	30.4	.6	1.9	6.0	23.3	.14	.54	.23	64	.31	.078	20.9	57.6	.87	149.9	.104	1	1.81	.014	.32	.2	2.5	.21	.02	13	.3	.03	7.7	15
77116	.53	18.48	18.92	78.1	84	29.0	10.7	333	2.78	14.7	.5	1.7	6.8	24.1	.09	.36	.16	53	.32	.071	22.6	39.6	.75	149.7	.105	1	1.74	.038	.22	.2	2.3	.17	.02	17	.3	.02	5.8	15
STANDARD DS2	14.31	128.18	34.16	156.5	271	34.6	11.8	812	2.99	62.8	20.1	220.0	3.4	25.3	10.84	9.73	11.24	73	.49	.087	14.7	152.4	.58	145.0	.086	1	1.58	.026	.14	7.6	2.6	1.88	.03	248	2.4	1.77	5.6	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 8 2000 **DATE REPORT MAILED:** Aug 21/00 **SIGNED BY** ..... D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77117	.72	27.21	27.18	86.2	95	27.5	11.2	435	3.11	23.8	1.0	3.3	7.2	15.6	.11	.44	.22	56	.16	.049	21.9	38.7	.63	118.5	.080	1	1.70	.006	.19	.2	2.1	.19	.01	19	.3	.02	6.4	15
77118 SILT	.67	16.90	15.34	74.5	118	23.7	10.3	434	2.33	24.1	1.0	3.8	6.0	31.6	.15	.39	.17	44	.52	.064	21.4	45.6	.65	171.6	.073	1	1.31	.009	.13	.2	2.4	.14	.01	27	.3	.03	4.4	15
77119	1.18	21.25	44.92	67.7	50	24.0	8.6	247	3.01	26.7	.7	3.3	6.9	16.0	.13	.54	.26	63	.12	.023	15.7	35.0	.56	120.9	.104	1	1.58	.009	.16	.3	2.1	.17	.02	12	.2	.05	6.6	15
77120	.86	23.93	26.69	77.5	51	29.5	10.4	299	3.22	21.6	.8	1.9	9.0	17.9	.04	.49	.22	54	.21	.040	24.4	39.3	.74	159.9	.090	1	1.86	.006	.23	.2	2.4	.19	<.01	25	.3	.04	6.4	15
77121	.90	18.77	26.54	59.8	81	18.4	6.5	202	2.47	20.8	.7	2.5	5.1	14.2	.09	.44	.22	66	.11	.023	18.5	30.7	.48	112.5	.109	1	1.46	.007	.14	<.2	2.0	.17	.02	10	.2	.06	7.2	15
77122	1.29	37.63	9.62	65.4	241	17.1	12.5	524	2.92	5.6	2.0	3.1	2.6	102.6	.18	.46	.17	68	1.40	.065	14.5	25.7	.72	174.9	.019	2	1.74	.010	.07	<.2	5.9	.07	.05	50	.9	.08	5.7	15
77123	.82	61.49	8.43	77.9	159	19.2	20.2	765	3.98	6.5	1.0	3.6	2.1	59.1	.12	.49	.12	113	.69	.043	10.4	23.5	1.08	234.0	.033	1	2.30	.013	.06	<.2	9.7	.09	<.01	52	.6	.05	7.3	15
77124	1.88	35.13	9.68	75.7	146	18.0	13.5	364	4.23	9.1	.6	2.1	3.6	17.4	.12	.61	.19	107	.17	.027	12.1	31.3	.73	161.0	.043	1	2.41	.008	.05	<.2	6.6	.12	<.01	13	.4	.07	9.4	15
77125	1.36	17.98	11.03	55.3	210	17.8	7.5	195	2.87	8.9	.4	3.1	3.5	14.6	.08	.50	.20	79	.16	.026	12.6	29.5	.47	144.2	.052	1	1.96	.008	.05	<.2	3.0	.09	.01	22	.2	.06	7.2	15
77126	1.10	29.16	11.67	73.6	115	20.4	8.9	288	2.62	6.4	.9	2.3	6.4	35.6	.07	.47	.19	61	.44	.047	22.7	29.6	.56	233.0	.052	1	1.66	.009	.06	.2	3.8	.08	<.01	29	.3	.12	5.2	15
77127	1.45	33.52	13.25	85.9	227	21.1	8.9	428	2.72	6.8	1.2	5.7	6.0	31.2	.16	.44	.19	57	.40	.051	23.3	26.3	.50	219.6	.033	1	1.63	.008	.07	<.2	3.9	.07	<.01	33	.5	.05	5.4	15
77128	1.01	23.53	10.98	66.8	130	16.2	8.8	281	2.75	6.2	.8	5.8	4.1	29.8	.08	.47	.19	62	.34	.032	15.8	29.1	.46	265.7	.046	2	2.05	.010	.07	<.2	4.9	.09	<.01	38	.4	.08	6.3	15
77129	.91	20.67	13.91	67.1	99	23.2	12.2	969	2.65	12.0	.7	2.3	2.9	67.0	.21	.37	.49	67	1.11	.050	17.2	31.6	.72	320.2	.042	2	2.07	.015	.06	<.2	4.7	.09	.02	50	.3	.07	5.9	15
77130	.66	34.01	11.24	92.7	249	24.6	9.1	347	2.42	23.0	.6	10.2	4.4	51.5	.32	.56	.31	54	1.08	.070	17.9	29.9	.80	181.7	.048	3	1.66	.015	.10	<.2	4.1	.08	.01	34	.5	.08	4.8	15
77131	.64	17.91	8.91	70.6	93	19.6	12.5	695	2.45	16.1	.7	3.5	3.3	51.6	.18	.46	.17	57	1.10	.077	14.1	32.6	.67	191.9	.044	1	1.39	.013	.06	<.2	3.0	.06	.03	32	.7	.11	4.7	15
77132	1.27	35.45	11.37	100.7	160	30.3	10.9	521	2.65	17.5	1.4	9.1	3.7	80.3	.31	.62	.20	64	1.61	.093	19.4	59.8	.84	326.6	.057	3	1.85	.018	.10	<.2	3.8	.12	.08	50	.9	.11	6.0	15
77133	.70	12.88	5.72	67.3	54	14.0	8.0	293	1.90	6.5	1.4	1.8	4.4	33.4	.14	.27	.09	45	.53	.085	15.5	20.1	.53	159.7	.059	1	1.17	.017	.07	.3	2.9	.05	.01	24	.2	.03	3.9	15
77134	1.16	41.42	13.32	84.6	105	39.4	15.1	693	3.05	58.3	1.3	9.4	13.4	34.1	.10	.83	18	68	.37	.056	35.3	107.3	1.12	336.9	.096	<1	2.04	.011	.16	<.2	4.9	.15	<.01	25	.6	.07	6.7	15
77135	1.25	36.94	12.45	74.6	184	28.5	9.6	334	2.56	69.7	.8	6.0	5.8	23.6	.18	.85	.18	66	.22	.019	17.4	35.6	.65	263.7	.054	1	1.61	.009	.09	<.2	2.8	.06	<.01	35	.5	.04	5.0	15
RE 77135	1.24	37.74	12.42	72.6	178	28.9	9.3	329	2.52	73.8	.8	4.4	5.9	23.0	.18	.88	.17	65	.22	.019	17.0	35.3	.64	262.6	.055	1	1.62	.009	.09	<.2	3.1	.07	<.01	30	.5	.12	4.9	15
77136	1.18	18.76	11.68	57.6	354	20.6	9.6	338	2.56	35.9	.4	.7	4.3	17.3	.13	.64	.18	75	.19	.022	11.4	37.2	.56	215.5	.064	1	1.84	.010	.08	<.2	2.8	.08	<.01	7	.3	.07	6.5	15
77137	1.12	28.71	9.45	75.8	90	25.5	9.1	267	2.63	73.9	.8	2.3	5.1	21.1	.15	.92	.17	64	.19	.022	16.2	39.3	.68	210.3	.069	<1	1.69	.010	.08	<.2	2.9	.08	<.01	11	.4	.03	5.0	15
77138	1.12	26.27	9.88	62.3	297	21.1	7.0	235	2.33	66.8	1.0	9.5	6.4	21.0	.10	.77	.17	59	.23	.040	24.7	36.0	.55	221.0	.065	<1	1.55	.009	.07	.2	3.1	.07	<.01	33	.3	.05	5.1	15
77139	.97	23.92	10.13	64.4	80	22.7	9.6	336	2.58	74.5	.7	3.9	5.9	17.2	.09	.89	.17	60	.19	.027	16.0	39.9	.64	190.4	.064	<1	1.69	.008	.07	<.2	3.0	.07	<.01	14	.4	.03	5.0	15
77140	.76	22.22	12.23	61.0	305	21.2	7.2	275	2.48	55.9	.8	10.8	7.3	22.1	.11	.68	.17	55	.26	.041	21.4	39.7	.63	223.2	.073	1	1.63	.010	.11	.2	2.9	.09	<.01	17	.3	.05	5.8	15
77141	1.46	28.95	9.69	66.2	217	28.0	9.7	385	3.12	101.3	.6	5.9	4.7	17.9	.13	.88	.20	75	.13	.032	12.6	45.7	.70	230.0	.074	2	1.96	.006	.10	.2	3.1	.09	<.01	31	.3	.09	6.8	15
77158	.35	23.57	10.22	55.2	86	20.4	9.7	306	2.29	7.4	.8	2.9	2.8	26.8	.11	.39	.22	59	.48	.056	13.6	31.6	.56	297.9	.047	1	1.69	.012	.05	.2	3.5	.08	<.01	38	.4	.06	5.4	15
77159	.92	24.17	12.32	80.3	290	17.7	6.2	195	2.26	13.2	1.0	2.3	4.1	32.4	.29	.38	.26	57	.58	.039	17.2	26.7	.40	167.5	.047	1	1.33	.012	.10	<.2	2.8	.09	.02	38	.4	.06	5.3	15
77160	1.53	31.89	14.27	105.7	210	29.8	11.8	341	2.87	47.6	1.2	4.5	4.6	25.6	.33	.59	.36	67	.33	.065	20.1	34.9	.57	291.7	.053	2	1.73	.010	.09	.2	2.9	.10	.01	20	.8	.04	6.0	15
77161	1.67	24.12	12.05	105.9	153	27.5	16.1	562	2.80	28.1	1.0	3.6	4.5	23.3	.25	.60	.28	67	.34	.081	18.2	39.5	.66	278.0	.058	1	1.77	.011	.08	.2	3.0	.10	<.01	39	.7	.06	6.1	15
77162	1.64	20.26	10.34	82.4	229	26.0	10.4	334	2.54	24.5	.8	4.4	3.7	21.7	.23	.50	.34	65	.34	.084	17.3	57.2	.69	197.8	.052	2	1.52	.009	.07	<.2	2.7	.10	.02	27	.5	.05	5.5	15
77163	.42	17.24	11.24	83.7	93	18.9	10.4	505	2.27	9.6	1.2	1.5	3.3	30.5	.26	.35	.22	52	.63	.062	14.8	29.4	.58	218.3	.045	1	1.46	.012	.06	<.2	3.3	.07	.02	29	.5	.02	5.0	15
77164	1.24	19.48	22.00	86.1	346	18.3	7.3	232	2.54	23.0	1.7	4.4	5.5	17.6	.18	.54	.54	67	.19	.027	14.8	32.6	.50	163.7	.058	<1	1.82	.010	.07	.2	2.9	.08	<.01	23	.4	.02	7.1	15
STANDARD DS2	13.76	127.01	31.01	152.5	258	33.3	11.6	787	2.92	58.8	18.3	218.9	3.5	25.7	10.70	9.63	10.67	72	.48	.088	13.9	149.0	.56	140.9	.086	1	1.54	.027	.14	7.9	2.8	1.80	.02	227	2.3	1.96	5.6	15

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

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

Data__ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77165	1.47	24.48	27.16	96.1	266	20.8	7.5	278	2.46	23.7	2.1	3.5	7.6	22.2	.26	.50	.52	57	.27	.046	17.6	33.7	.56	167.0	.054	<1	1.47	.010	.06	.3	2.2	.08	.01	25	.4	.06	5.9	15
77166	1.70	29.99	18.07	105.0	119	24.8	8.8	307	2.82	55.4	2.1	2.3	6.6	25.7	.23	.65	.65	71	.33	.054	18.8	40.9	.64	231.4	.057	<1	1.69	.011	.06	<.2	3.0	.09	.03	15	.7	.06	6.2	15
77167	1.34	23.12	16.42	77.7	128	23.2	9.2	445	2.80	33.8	1.6	3.1	6.1	26.4	.12	.51	.32	65	.41	.042	23.6	35.5	.64	236.3	.049	<1	1.94	.011	.05	.2	3.1	.10	.02	30	.4	.06	6.8	15
77168	1.37	23.45	19.86	82.2	280	24.1	13.4	755	3.16	30.2	1.9	2.7	5.2	31.3	.19	.54	.38	85	.45	.032	14.2	41.8	.57	377.9	.043	<1	2.36	.013	.03	.2	3.4	.15	.02	39	.5	.08	7.7	15
77169	1.55	44.98	11.95	83.0	162	28.9	11.4	388	2.66	52.3	1.2	7.2	5.2	22.8	.24	.59	.27	73	.26	.051	15.3	35.6	.58	251.7	.047	<1	1.76	.011	.04	.2	2.8	.09	.02	33	.6	.07	5.8	15
77170	.50	25.77	35.70	90.0	219	24.7	8.7	419	2.36	19.2	1.9	7.1	8.6	30.2	.21	.49	1.00	54	.70	.054	26.0	32.5	.51	255.6	.054	<1	1.69	.016	.04	.3	4.1	.08	.02	46	.3	.08	5.6	15
77171	1.02	26.61	14.31	85.6	206	21.5	7.7	297	2.35	30.6	1.9	3.5	4.7	30.4	.27	.57	.31	59	.50	.060	15.3	32.5	.54	207.3	.061	<1	1.54	.010	.05	<.2	2.8	.10	.02	31	.5	.05	5.4	15
77172	1.04	21.10	18.45	59.0	376	16.1	5.1	177	1.99	16.3	1.7	1.7	2.5	28.0	.22	.45	.34	53	.41	.027	16.3	24.4	.35	182.6	.052	<1	1.48	.013	.05	<.2	2.6	.09	.01	35	.3	.04	6.4	15
77173 SILT	1.39	21.99	17.54	105.4	200	24.4	12.4	1065	2.47	30.9	2.2	2.8	5.8	31.6	.40	.50	.50	47	.67	.096	23.8	28.5	.58	236.9	.033	<1	1.43	.009	.07	<.2	2.4	.12	.04	32	.4	.05	5.5	15
77174	1.16	25.13	12.73	89.1	261	26.8	13.1	401	2.99	22.6	1.0	2.7	5.7	19.4	.27	.65	.22	61	.23	.062	27.8	37.1	.77	469.7	.067	1	1.81	.009	.09	<.2	2.8	.13	.01	37	.3	.06	6.6	15
77175	1.71	27.53	15.17	87.3	459	26.6	12.7	464	2.89	45.6	1.2	5.6	6.5	28.5	.22	.75	.22	63	.34	.066	24.7	33.0	.69	443.6	.059	1	1.71	.010	.09	<.2	2.9	.12	.03	47	.5	.06	6.1	15
77176	1.36	26.13	13.52	102.0	305	30.1	12.3	408	2.86	76.8	.8	6.6	4.5	24.1	.22	.88	.21	69	.31	.079	17.5	57.5	.86	292.5	.074	1	1.82	.010	.10	.2	3.0	.14	.02	33	.5	.17	6.5	15
77177	1.64	28.93	12.60	96.0	366	27.8	9.3	355	3.02	61.2	1.1	5.7	3.8	35.2	.22	.84	.24	69	.43	.072	21.3	51.8	.84	335.3	.065	1	1.88	.013	.07	<.2	3.5	.13	.05	63	.5	.12	6.9	15
77178 SILT	1.37	25.93	12.38	120.7	230	34.0	16.2	984	2.79	60.4	1.3	4.7	4.9	57.7	.34	.90	.18	61	.93	.113	28.4	69.4	.91	318.8	.052	1	1.60	.008	.09	<.2	3.0	.13	.05	43	.6	.06	5.7	15
77179	1.17	28.18	12.03	80.8	430	28.1	12.4	682	2.63	110.4	1.2	4.6	2.3	47.4	.35	.86	.20	63	.93	.035	12.0	34.1	.61	344.2	.052	1	1.61	.017	.05	<.2	2.7	.09	.03	40	.5	.05	5.4	15
77180	1.11	39.98	13.50	115.2	381	44.4	11.9	491	2.57	70.4	1.4	3.7	1.9	63.7	.52	1.01	.20	69	1.33	.067	13.7	50.8	.74	452.3	.049	2	1.57	.017	.05	<.2	3.0	.08	.06	51	.9	.09	5.0	15
77181	.71	26.25	8.79	71.2	179	21.1	6.7	455	1.73	11.5	1.9	3.9	.4	120.9	.52	.67	.19	42	2.91	.092	9.7	22.4	.57	241.1	.028	3	1.33	.021	.03	<.2	1.3	.07	.13	82	1.1	.25	3.8	15
77182	.62	23.24	11.81	80.0	99	24.9	9.4	393	2.37	8.9	.4	3.1	1.8	47.0	.40	.52	.18	61	1.49	.044	13.1	31.5	.94	241.9	.057	2	1.59	.022	.04	<.2	3.1	.06	.03	50	.6	.11	4.7	15
77183	.56	26.07	12.62	65.9	127	28.1	11.1	508	2.70	10.1	.4	3.5	2.1	37.0	.22	.58	.19	70	1.03	.048	14.8	33.5	.68	280.4	.059	1	1.77	.023	.04	<.2	3.6	.05	.03	54	.4	.08	5.4	15
77184	.78	15.80	10.59	55.4	19	19.5	7.8	281	2.46	8.8	.4	2.7	3.6	15.2	.05	.49	.17	70	.19	.010	11.2	37.4	.59	209.1	.072	1	1.91	.009	.03	<.2	2.9	.09	<.01	22	.3	.06	5.5	15
77185	.73	21.37	10.69	53.5	37	20.3	8.5	293	2.32	9.1	.7	7.0	3.6	21.4	.07	.61	.17	60	.24	.030	16.7	31.0	.52	244.8	.066	1	1.56	.010	.04	<.2	4.0	.08	<.01	40	.2	.07	4.8	15
RE 77185	.77	21.38	11.20	56.2	36	20.7	9.0	297	2.36	9.2	.8	6.6	3.6	21.5	.07	.62	.17	61	.24	.031	17.0	32.4	.53	247.1	.068	1	1.60	.010	.04	<.2	4.2	.08	.01	28	.2	.05	4.9	15
77186	2.67	25.74	13.36	71.3	126	24.0	9.3	410	3.31	284.3	.7	14.2	4.8	20.2	.09	1.12	.26	81	.23	.034	18.0	34.7	.58	154.2	.071	2	1.80	.008	.08	<.2	2.6	.12	.01	26	.3	.06	7.8	15
77187	2.20	28.58	15.80	75.8	160	26.8	13.1	538	3.79	262.9	.8	20.2	5.9	14.0	.16	1.06	.24	73	.11	.036	16.5	41.4	.56	170.9	.050	2	2.28	.008	.08	<.2	2.9	.12	.02	35	.4	.08	7.3	15
77188	1.80	30.66	13.30	81.0	146	28.6	12.3	481	2.85	149.5	.9	6.4	6.2	24.7	.13	1.18	.21	62	.41	.045	20.7	43.7	.72	303.8	.045	1	1.84	.009	.06	<.2	2.9	.13	.01	27	.5	.08	5.9	15
77189	2.03	33.40	15.72	76.5	1013	29.3	8.4	344	2.69	109.7	1.2	11.4	3.0	34.4	.22	1.02	.31	69	.49	.075	24.3	60.1	.62	532.6	.040	1	1.74	.010	.08	<.2	3.9	.12	.05	81	.7	.05	6.9	15
77190	4.72	23.07	24.24	92.9	147	34.4	12.2	454	2.99	251.9	.5	1.7	4.3	21.1	.23	1.48	.39	90	.25	.070	17.1	88.9	1.00	316.5	.122	1	1.72	.009	.14	<.2	3.1	.16	.02	18	.4	.06	8.8	15
77191	.80	21.25	14.94	58.4	111	24.6	9.4	266	2.57	76.7	.7	23.6	6.3	19.5	.08	.87	.25	60	.25	.038	22.9	37.8	.68	235.6	.072	1	1.73	.009	.07	<.2	2.8	.08	<.01	22	.3	.04	5.0	15
77192	1.02	14.75	14.88	65.3	87	25.8	8.3	296	2.50	20.1	.3	.7	2.5	14.3	.17	.52	.19	82	.18	.047	11.5	68.7	.77	172.0	.108	1	1.46	.009	.10	<.2	2.3	.13	.02	31	.3	.06	7.9	15
77193	1.20	12.10	13.76	46.0	250	9.5	4.4	299	2.02	143.0	.3	24.5	3.4	9.6	.28	.67	.19	56	.08	.058	17.4	19.3	.29	205.4	.030	<1	1.17	.005	.05	.4	1.5	.09	.01	12	.3	.06	6.3	15
77194	.74	30.13	13.98	58.4	68	24.1	10.6	312	2.81	13.5	1.0	7.3	8.7	21.0	.14	.77	.16	65	.24	.048	27.8	34.2	.58	244.0	.093	1	1.58	.013	.08	<.2	4.8	.07	.01	49	.4	.04	5.0	15
77195 SILT	1.02	21.96	13.75	88.3	229	25.7	11.4	672	2.35	87.8	.9	10.6	4.8	44.8	.39	.88	.15	50	.91	.139	28.3	47.1	.78	412.1	.049	1	1.39	.009	.14	<.2	2.7	.10	.05	45	.7	.04	4.8	15
77196	1.20	23.45	23.01	97.8	54	22.3	13.4	482	3.36	67.5	1.2	9.1	12.9	17.9	.16	.73	.17	60	.30	.108	43.1	38.8	.85	251.0	.096	1	1.97	.007	.16	<.2	2.6	.16	.02	15	.4	.04	6.7	15
STANDARD DS2	14.00	124.86	32.63	155.2	267	33.9	11.4	800	2.94	58.0	18.9	231.0	3.4	25.7	10.67	9.99	10.85	72	.48	.089	14.9	150.4	.57	142.2	.087	1	1.55	.030	.13	7.5	2.7	1.84	.04	230	2.4	1.77	5.6	15

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

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

Data ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77197 SILT	.67	16.27	9.58	93.1	83	26.5	10.9	420	2.37	37.6	.9	5.0	5.9	26.7	.14	.42	.13	48	.68	.156	21.5	60.7	.96	326.2	.066	<1	1.50	.008	.16	.2	2.4	.11	.02	22	.3	<.02	5.2	15
77198	1.32	27.36	11.95	75.6	192	36.1	11.3	301	2.66	18.5	1.0	1.5	2.2	13.6	.33	.25	.15	85	.23	.104	16.6	114.8	1.12	182.3	.099	<1	1.56	.009	.26	<.2	2.7	.18	.01	44	.5	.02	8.6	15
77199	2.32	29.45	22.76	78.7	354	21.3	7.2	339	1.96	123.2	1.4	2.8	2.4	28.9	.24	.39	.19	54	.27	.047	34.5	33.6	.42	173.7	.054	<1	1.18	.013	.08	<.2	1.7	.11	.03	25	.5	.04	5.9	15
RE 77199	2.16	30.35	23.41	79.7	362	20.8	7.0	343	1.98	126.4	1.5	5.7	2.5	30.0	.25	.41	.19	55	.27	.046	35.6	34.0	.42	177.7	.053	2	1.19	.012	.08	<.2	1.7	.11	.04	25	.7	<.02	5.8	15

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

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

Data__ FA ____

[redacted].CM[redacted]ALY[redacted]L L[redacted]RATO[redacted]S LT[redacted] [redacted] E.[redacted]TIN[redacted]ST. [redacted]COU[redacted]BC [redacted] 1R[redacted] PHONE(60[redacted])253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002934 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg Kulla

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76677	4.18	17.37	2.41	29.3	105	13.6	2.1	75	.58	4.5	.8	1.4	3.5	13.8	.08	.16	.03	23	.11	.060	8.7	32.2	.14	311.1	.022	1	.44	.004	.15	1.3	1.2	.10	<.01	8	.1	<.02	1.5	15
76678	5.43	5.08	4.61	14.3	32	2.9	.4	25	.44	105.3	3.5	<.2	23.3	5.0	.05	.34	.06	<2	.01	.010	68.0	14.7	.01	27.2	.002	1	.25	.040	.24	3.3	.3	.03	<.01	<5	.3	.02	.6	15
76681	4.89	32.22	3.61	25.6	66	17.3	3.6	62	.99	3.4	1.1	.7	1.9	6.1	.07	.12	.02	21	.04	.027	5.8	50.2	.17	93.2	.008	<1	.31	.020	.06	1.6	1.1	<.02	.07	<5	.7	.03	1.4	15
76683	1.69	100.09	86.47	128.5	1611	22.8	7.2	89	1.59	577.8	2.1	5.6	2.6	24.0	2.25	1.01	3.62	23	.06	.030	8.5	37.6	.19	37.4	.011	<1	.62	.080	.04	5.1	2.4	.08	.34	25	4.5	.29	2.0	15
76684	4.36	9.84	33.35	9.5	106	8.2	1.4	135	.64	3.4	.7	<.2	1.0	73.0	.05	.09	.33	8	.69	.013	3.9	39.1	.09	162.4	.025	1	.24	.009	.23	1.6	1.1	.04	.02	14	.2	.03	.8	15
76685	1.75	33.37	2.61	18.2	195	27.8	10.8	193	1.20	125.0	.3	8.5	.7	2.6	.06	.41	.07	11	.04	.012	2.8	45.4	.14	28.6	.006	1	.28	.002	.06	7.5	1.0	.03	.06	<5	.4	.04	1.0	15
76686	4.32	9.21	5.31	43.7	75	39.8	8.1	564	2.53	71.8	.5	12.0	6.3	12.6	.15	.39	.05	27	.11	.016	20.2	37.0	1.03	159.0	.043	2	1.46	.005	.29	1.1	2.3	.05	<.01	8	.2	.11	4.6	15
76687	.73	9.38	13 12	17.7	83	7.9	2.4	153	.38	26.4	.3	3.5	1.6	5.4	.23	.15	.06	4	.05	.016	5.2	20.8	.07	126.2	.001	7	.32	.031	.16	4.6	.4	.03	<.01	<5	.2	.06	.8	15
76688	6.43	85.36	18 27	109.8	647	37.5	7.1	149	2.12	221.3	2 2	13.8	16.5	37.6	.56	.76	.20	38	.27	.132	37.1	34.6	.41	243.6	.009	3	.97	.024	.26	1.1	1.3	.08	.08	9	2.7	.19	3.2	15
76689	2.59	56.72	7.05	160.6	323	48.9	8.7	158	2.27	192.2	1.8	6.0	12.2	9.9	.54	.54	.06	55	.09	.014	28.1	42.0	.59	271.6	.022	2	1.11	.011	.22	4.2	2.0	.04	.01	<5	1.2	.14	3.4	15
76690	3.71	62.01	13.56	81.7	339	42.3	16.3	1223	3.25	50.4	1.8	17.1	5.9	15.9	.33	3.01	.16	47	.25	.051	24.5	25.7	.84	282.2	.010	4	1.73	.008	.30	.5	5.9	.13	<.01	15	.9	.09	4.7	15
76691	.25	4.19	1.74	51.1	32	21.6	18.0	588	3.04	4.6	.2	2.4	.8	40.9	.08	.28	<.02	97	1.56	.076	3.7	58.0	1.50	254.5	.168	1	2.26	.096	.29	1.6	10.1	.07	<.01	6	<.1	<.02	5.0	15
76692	1.26	6.82	4.85	78.0	124	44.4	29.0	1150	4.65	7.9	.6	4.0	1.2	39.0	.20	.91	.05	145	.79	.075	10.8	139.9	2.07	292.1	.101	1	3.08	.024	.41	<.2	17.2	.12	<.01	11	.2	<.02	8.7	15
76693	.84	7.53	1.62	3.1	18	8.4	1.5	101	.41	35.1	<.1	.8	.6	1.1	.02	.09	<.02	3	.03	.003	1.7	26.7	.03	13.3	.003	<1	.11	.003	.03	8.0	.3	<.02	<.01	<5	<.1	<.02	.2	15
76694	4.28	6.68	3.59	15.8	15	13.9	3.3	351	.85	4.9	.2	<.2	2.5	9.8	.01	.09	.03	9	.09	.017	5.9	33.9	.16	48.4	.025	1	.59	.018	.19	1.2	2.1	.05	<.01	10	<.1	<.02	1.4	15
76695	.96	31.78	3 40	18.9	118	22.3	7.5	283	1.09	92.2	.1	13.3	.6	3.4	.02	.30	.06	8	.05	.010	2.3	35.2	.14	39.0	.008	1	.36	.004	.07	7.1	1.0	.02	.01	<5	<.1	.06	1.0	15
76696	5.77	21.29	12.40	54.7	141	24.9	3.5	368	.94	163.9	.3	3.9	1.5	4.4	.32	.63	.08	11	.12	.015	4.8	40.3	.18	117.8	.005	<1	.48	.004	.12	1.8	.8	.06	<.01	<5	.1	.12	1.0	15
76697	1.06	53.97	10.78	84.3	167	39.4	12.4	297	2.96	3.3	1.4	1.6	8.5	8.5	.06	.37	.23	61	.27	.052	13.7	57.2	.91	174.8	.133	1	1.63	.040	.46	3.4	3.2	.22	.29	5	1.3	.15	5.2	15
76698	3.27	29.60	7 97	82.0	52	33.4	12.9	398	2.63	3.2	1.3	.9	6.2	23.3	.05	.21	.12	54	.61	.055	13.6	68.4	1.24	401.2	.185	1	2.15	.066	.80	.6	3.4	.29	.18	9	.6	.11	4.7	15
76699	1.62	20.16	4 94	50.2	94	39.1	18.2	402	.76	66.7	.7	3.3	1.5	3.7	.47	.30	.10	8	.03	.008	6.0	30.3	.13	73.1	.004	4	.35	.016	.08	6.9	.5	.04	<.01	<5	.1	.05	1.0	15
RE 76699	1.50	20.01	4.66	52.2	96	39.0	17.9	402	.76	65.2	.7	2.8	1.5	3.3	.46	.27	.09	8	.02	.008	5.7	31.0	.13	69.9	.004	3	.34	.017	.08	7.3	.5	.04	<.01	6	.2	.04	.9	15
76727	4.32	30.29	28.69	15.2	66	13.5	4.6	105	1.21	2.1	.9	1.4	8.5	38.0	.03	.17	.11	11	.36	.021	4.9	35.6	.09	90.7	.139	<1	.57	.047	.25	1.4	1.8	.07	.38	8	.2	.05	1.7	15
76766	.57	12.28	7.69	53.3	83	5.6	1.9	202	.90	6.7	.3	.5	13.8	15.4	.15	1.01	.05	6	.02	.010	28.3	14.8	.04	84.0	.002	1	.22	.027	.12	4.9	.5	.04	<.01	10	<.1	<.02	.5	15
76767	4.54	5.81	9.29	278.2	15	10.2	4.1	383	.70	5.0	<.1	.8	1.1	16.8	.22	.22	<.02	5	.01	.006	8.9	27.3	.30	115.0	.005	1	.47	.004	.18	1.5	.5	.02	<.01	<5	<.1	<.02	1.2	15
76768	.33	10.47	43.10	151.7	39	5.6	1.6	303	.63	20.7	.6	24.8	14.9	35.0	1.69	.24	.14	8	.02	.003	22.8	12.5	.04	312.7	.006	1	.57	.064	.42	3.4	1.5	.03	<.01	8	.1	<.02	.8	15
76769	3.78	9.99	5.83	31.8	13	9.4	3.3	252	.87	5.9	.3	9.8	.9	29.5	.07	.35	.02	10	.03	.014	4.2	20.6	.02	188.3	.007	<1	.45	.052	.33	1.2	1.6	.02	<.01	6	.1	.03	.8	15
76773	.51	19.34	138.80	110.3	34	7.7	4.9	426	1.15	10.7	.7	8.3	5.9	46.6	.41	.28	.04	21	.06	.019	11.3	16.9	.07	221.3	.009	1	.57	.055	.36	3.9	2.5	.05	<.01	<5	<.1	<.02	1.2	15
76777	2.95	35.16	31.20	56.1	172	25.5	8.3	622	2.45	83.6	1.1	6.1	17.2	9.5	.07	.22	.17	20	.12	.049	44.7	35.7	.64	122.6	.039	1	1.48	.031	.37	.9	2.7	.06	<.01	8	<.1	.02	5.3	15
76778	4.23	122.95	21.87	73.4	124	30.9	23.3	461	2.83	13.0	3.9	.7	22.0	9.3	.03	.14	.31	43	.08	.021	44.7	54.2	.94	138.8	.137	<1	1.59	.029	.88	3.9	4.0	.34	.15	<5	.3	.08	5.4	15
76779	4.02	9.48	3.35	9.9	48	12.0	3.1	409	.69	6.8	.1	4.3	1.3	3.2	<.01	.11	.03	3	.03	.008	3.8	31.6	.10	39.4	.003	<1	.29	.007	.09	1.4	.5	.02	<.01	9	<.1	<.02	.6	15
76780	5.02	40.82	17.12	22.3	660	13.4	2.8	210	2.02	65.7	2.2	56.6	4.2	35.7	.14	.52	.22	39	.18	.106	15.5	32.9	.23	253.1	.010	<1	.54	.012	.18	6.8	1.4	.08	.18	<5	1.0	.08	2.1	15
76781	15.36	62.51	12.61	83.9	527	36.6	8.9	351	2.51	67.1	2.0	40.4	4.4	12.0	.48	.69	.24	32	.11	.039	15.9	31.2	.28	68.2	.005	<1	.62	.007	.11	1.4	1.4	.08	.04	<5	1.4	.17	2.6	15
76782	6.01	51.56	24.54	63.2	672	26.1	8.0	570	2.92	371.3	4.2	56.6	7.6	25.0	.46	.88	.36	39	.22	.080	25.8	30.6	.46	127.4	.006	<1	1.17	.005	.19	3.9	2.1	.11	.07	13	.9	.08	3.5	15
STANDARD DS2	14.18	129.65	32.94	152.3	266	34.3	12.5	814	3.03	58.8	19.7	220.3	3.6	26.6	10.68	9.88	11.37	74	.49	.092	14.9	158.1	.57	149.7	.086	1	1.62	.028	.15	8.0	2.9	1.88	.01	250	2.3	2.19	5.7	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 8 2000 **DATE REPORT MAILED:** Aug 24/00 **SIGNED BY.** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data__ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76783	5.53	8.11	.96	4.3	35	10.1	1.1	81	.48	10.5	.2	2.3	2.4	.9	.03	.06	.03	3	.02	.006	5.0	38.3	.04	7.7	.002	<1	.11	.002	.03	1.7	.2	<.02	<.01	9	.2	.06	.2	15
76784	3.30	33.87	4.02	35.6	169	17.0	7.4	373	1.53	33.9	.6	8.0	6.5	5.2	.11	.16	.07	17	.06	.016	15.0	32.7	.28	42.4	.021	1	.69	.006	.16	5.2	1.1	.03	<.01	9	.5	.04	2.2	15
76785	5.81	10.93	1.36	5.6	54	10.6	2.1	143	.56	43.5	.3	5.5	4.8	2.2	.01	.07	.04	3	.03	.011	10.4	36.1	.05	15.5	.007	<1	.17	.004	.06	1.5	.3	<.02	<.01	<5	.3	<.02	.3	15
76786	1.14	7.76	1.21	3.0	34	6.8	1.7	87	.47	21.5	.1	1.8	3.1	1.5	.02	.06	<.02	2	.01	.005	6.7	35.9	.03	13.4	.003	<1	.15	.005	.06	6.3	.3	<.02	<.01	12	.1	<.02	.2	15
76787	7.98	24.41	14.35	24.6	496	16.9	1.5	79	1.65	132.8	1.0	5.5	4.7	21.3	.14	.47	.32	44	.32	.182	15.3	45.8	.27	188.6	.022	2	.72	.009	.22	1.2	1.6	.05	.01	10	1.3	.07	2.3	15
76788	3.11	22.56	14.49	24.2	415	10.2	2.1	98	1.50	1176.6	1.4	104.4	4.7	39.4	.59	.92	.17	20	.10	.054	14.7	28.8	.07	138.3	.013	2	.53	.005	.28	6.8	.8	.06	.02	24	2.3	.09	1.3	15
76789	6.49	21.50	10.62	32.2	238	17.0	1.5	64	1.15	552.2	.4	57.6	2.3	5.5	.39	.41	.11	17	.05	.017	7.0	37.2	.11	79.5	.008	2	.31	.002	.13	1.7	.9	.03	<.01	8	1.1	.07	1.8	15
76790	3.50	33.81	9.43	42.7	312	17.8	1.6	78	1.17	430.2	.7	79.4	2.5	5.4	.50	.52	.13	23	.04	.018	7.4	36.9	.12	156.7	.013	1	.38	.002	.14	8.0	.9	.02	<.01	<5	1.4	.03	1.5	15
76791	5.17	5.88	2.38	3.2	39	8.9	.5	45	.48	43.3	.3	7.9	.3	1.7	.03	.07	.02	<2	.01	.004	.8	36.8	.03	27.8	.002	1	.15	.002	.06	1.7	.2	.02	<.01	11	<.1	.11	.3	15
76792	2.80	27.19	7.30	9.7	182	10.2	2.3	76	.98	96.8	1.0	6.7	2.3	6.6	.07	.30	.09	13	.04	.016	7.0	34.2	.06	238.0	.008	2	.33	.004	.13	7.0	.5	.04	.01	5	.4	.09	.8	15
76793	7.80	38.03	11.28	21.9	495	16.0	2.5	145	1.82	989.6	2.3	493.2	4.5	28.7	.21	.81	.14	18	.12	.033	12.6	34.0	.18	258.1	.009	1	.62	.009	.24	2.0	.9	.06	.13	11	.3	.13	1.8	15
76794	1.35	22.90	8.05	14.9	125	8.0	1.7	167	.80	52.4	.3	6.6	3.2	2.6	.02	.21	.09	4	.02	.009	8.0	33.3	.10	12.8	.004	1	.21	.001	.06	7.4	.2	<.02	.02	27	<.1	.08	.5	15
76795	5.77	39.91	10.97	17.4	109	15.7	5.9	284	1.19	44.8	.4	9.6	2.2	7.8	.03	.20	.11	6	.08	.022	6.9	30.1	.22	121.3	.019	1	.75	.020	.21	1.7	.8	.04	.02	<5	<.1	.11	1.5	15
76796	1.82	11.28	3.93	12.2	73	9.3	2.1	632	.67	20.6	.2	10.4	2.4	1.9	.12	.14	.09	6	.02	.006	6.4	32.2	.10	40.2	.004	1	.19	.001	.04	7.6	.4	.02	<.01	28	<.1	.05	.6	15
76797	8.44	115.08	577.13	506.2	2306	24.5	6.8	228	2.66	893.1	2.0	1437.0	8.9	10.1	6.42	1.01	.24	32	.13	.034	26.4	26.4	.72	181.8	.033	3	1.36	.004	.42	1.2	2.6	.07	.04	6	.9	.17	3.3	15
76798	1.47	44.70	26.24	123.4	306	40.5	9.1	487	2.52	151.8	.9	8.3	15.4	41.3	.87	.48	.11	28	.62	.154	43.9	25.8	1.38	235.3	.044	5	2.10	.028	.46	2.0	2.9	.09	.10	6	.3	.03	5.9	15
76799	7.35	30.97	22.85	128.1	1475	34.1	5.0	174	2.00	3377.3	1.8	1541.4	3.8	75.4	.97	2.03	.18	21	.12	.015	11.3	34.4	.46	92.7	.013	2	.69	.003	.14	1.0	1.4	.04	.04	5	1.5	.94	2.2	15
RE 76799	8.04	31.63	24.64	137.0	1555	37.2	5.6	176	2.02	3407.6	1.9	1302.2	4.1	79.6	1.04	2.02	.20	21	.12	.015	12.0	31.5	.46	92.2	.011	2	.69	.003	.14	1.4	1.5	.04	.05	<5	1.4	1.10	2.2	15
76826	1.83	6.61	28.19	9.9	223	6.7	.5	52	.63	24.3	<.1	12.0	.8	5.4	.03	.21	1.08	<2	.01	.004	1.2	30.9	.02	17.4	.002	1	.07	.004	.03	8.9	.2	<.02	.02	18	<.1	.06	.2	15
76827	7.06	7.43	18.32	35.7	72	9.2	2.9	188	1.87	59.8	.5	12.9	5.5	8.7	.03	.19	.37	6	.06	.012	10.3	21.6	.25	218.5	.034	1	1.00	.046	.34	1.3	1.9	.06	.05	<5	.3	.05	2.5	15
76828	4.53	9.03	17.00	30.4	177	9.2	2.8	257	2.03	52.5	.4	1.7	3.0	16.9	.11	.23	.49	19	.25	.019	9.8	26.2	.23	233.8	.042	2	.80	.024	.26	7.5	1.5	.07	.05	36	.7	.06	2.8	15
76829	3.69	3.38	19.55	5.0	76	6.6	2.5	246	.60	51.5	.6	3.4	33.3	3.8	.02	.11	.23	5	.04	.020	48.3	17.8	.02	121.8	.013	<1	.63	.040	.26	1.3	.7	.07	<.01	12	<.1	.07	.7	15
76831	1.93	17.30	126.69	45.4	390	16.1	3.3	299	2.35	12987.2	.8	169.9	1.5	109.0	1.47	3.19	.91	22	.10	.020	5.7	27.5	.05	520.9	.014	1	.43	.007	.27	8.7	1.4	.03	.09	<5	1.3	.09	1.0	15
76832	5.38	4.62	1.89	1.4	26	9.4	.5	62	.70	3768.5	.2	26.8	1.4	11.1	.04	.47	.02	<2	.02	.001	5.2	36.4	<.01	47.9	<.001	<1	.03	.004	.01	1.8	.2	<.02	.14	8	.3	.04	.1	15
76833	2.34	79.22	37.09	64.2	504	27.4	4.8	139	1.87	107.3	1.9	3.6	5.6	8.1	.43	1.00	.35	34	.09	.034	12.4	40.9	.32	464.6	.045	1	.81	.013	.29	6.1	1.7	.07	.07	26	1.6	.07	2.2	15
76835	4.15	13.92	30.67	195.1	211	10.4	3.1	300	1.21	43.8	1.3	62.2	21.6	18.8	1.38	.59	.13	3	.23	.064	56.3	18.4	.34	251.1	.012	3	1.12	.006	.43	.6	1.1	.09	<.01	<5	.3	.04	2.6	15
76836	3.19	75.24	149.24	278.1	765	43.0	13.4	635	2.78	94.6	2.6	125.9	14.6	22.9	1.48	1.28	.33	24	.30	.085	50.2	27.6	.81	283.4	.024	3	1.60	.003	.41	3.8	2.6	.09	.03	<5	1.0	.09	5.5	15
76837	3.28	7.74	21.69	61.1	51	9.4	4.9	268	1.26	4.8	1.8	1.0	20.5	60.2	1.28	.19	.08	6	.73	.088	58.5	17.2	.32	508.4	.089	1	1.28	.024	.66	.7	1.1	.18	.04	9	.1	.02	2.8	15
76839	1.66	24.40	13.41	58.1	216	38.8	13.4	582	2.90	241.1	1.1	53.8	15.0	22.5	.06	.51	.15	23	.13	.032	37.1	59.7	.75	168.3	.055	1	1.57	.009	.42	4.6	2.7	.12	.04	16	.2	.12	3.9	15
76840	5.81	31.83	14.06	40.4	129	37.8	13.5	733	2.26	194.6	1.1	17.8	11.8	10.6	.11	.40	.07	22	.11	.033	33.7	39.5	.55	186.3	.042	1	1.34	.009	.36	.8	2.1	.06	<.01	6	.1	.03	3.4	15
76841	1.17	40.38	10.02	83.3	94	37.8	16.1	628	3.01	41.1	.9	4.1	19.5	12.4	.12	.32	.11	31	.14	.047	42.0	40.3	.86	176.5	.081	1	1.86	.013	.48	3.8	3.1	.14	.01	7	.2	.10	5.6	15
76842	4.12	36.61	12.02	91.4	69	40.8	17.3	622	3.32	50.6	1.1	4.1	19.0	15.1	.07	.36	.13	29	.16	.043	46.2	39.4	.88	220.9	.093	1	2.00	.015	.58	.6	3.2	.22	.01	13	.2	.07	5.8	15
76843	1.30	46.68	15.12	68.6	128	33.7	13.7	739	2.82	90.9	1.0	11.5	14.9	11.1	.06	.52	.16	24	.14	.045	41.4	33.2	.68	137.1	.057	2	1.69	.013	.44	3.9	2.4	.11	.01	12	.1	.08	4.3	15
76844	4.48	47.15	13.23	68.3	102	33.3	13.7	780	2.72	63.7	.9	2.0	13.6	10.9	.05	.35	.17	34	.21	.082	35.2	36.0	.70	89.9	.063	1	1.67	.012	.41	.9	2.7	.08	.01	11	<.1	.04	3.8	15
STANDARD DS2	13.76	124.19	31.93	143.8	260	32.4	11.3	788	2.94	58.1	18.0	208.1	3.6	24.2	10.71	9.53	10.70	72	.48	.090	14.6	153.4	.56	143.6	.087	1	1.58	.026	.14	7.3	2.8	1.77	.02	242	2.4	1.85	5.8	15

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76845	1.38	29.69	9.06	61.1	174	29.3	12.2	835	2.44	282.6	1.1	10.5	15.2	13.3	.09	.64	.14	18	.13	.042	35.3	32.8	.51	179.7	.057	2	1.33	.011	.47	4.6	2.7	.16	.01	<5	.2	.04	3 3	15
76846	5.21	42.97	12.46	61.0	233	30.2	11.7	719	2.62	721.9	1.0	28.8	11.8	15.7	.17	1.84	.17	20	.20	.064	31.4	35.1	.55	109.7	.026	4	1.31	.007	.33	1.1	2.5	.07	.02	<5	.2	.03	3.2	15
76847	1.54	39.08	14.60	61.4	311	25.9	12.8	1044	2.33	267.8	.7	30.6	6.5	16.8	.22	.95	.29	29	.18	.057	17.6	29.8	.45	87.1	.020	4	1.09	.005	.25	5.2	3.3	.06	<.01	5	.2	.05	3.1	15
76848	6.05	34.22	11.35	32.8	192	24.3	8.1	634	1.43	121.6	.4	21.9	3.0	11.4	.13	.37	.14	17	.12	.038	8.9	37.6	.29	104.0	.018	3	.66	.007	.16	1.7	1.6	.03	.03	<5	.2	.04	1.9	15
76849	1.58	41.12	7.65	27.6	291	26.9	9.0	908	1.58	169.8	.4	10.3	3.0	10.9	.07	.39	.10	19	.12	.033	8.8	30.7	.32	85.2	.019	1	.72	.006	.17	6.6	1.8	.03	.03	<5	.2	.05	2.1	15
76850	5.95	28.40	5.15	21.4	106	24.0	6.1	631	1.21	73.4	.3	6.7	2.0	6.9	.06	.28	.08	11	.07	.015	6.2	38.3	.26	70.8	.013	2	.50	.006	.10	1.8	1.4	.02	.02	9	<.1	.02	1.6	15
76851	1.07	15.50	2.95	14.5	64	17.7	5.5	573	.94	45.3	.3	4.2	1.3	4.9	.05	.19	.04	10	.05	.010	3.9	32.2	.22	64.4	.010	1	.40	.003	.08	6.3	1.2	<.02	.03	<5	<.1	<.02	1.2	15
76852	5.49	26.40	7.32	15.3	143	22.9	5.7	669	.90	86.4	.2	7.4	1.1	5.2	.07	.23	.11	8	.04	.010	3.5	38.9	.17	61.1	.009	3	.35	.004	.08	1.8	1.3	.02	<.01	9	<.1	.02	1.1	15
76853	1.84	38.88	4.09	46.2	186	26.9	7.5	480	1.99	139.0	.8	4.1	5.7	11.5	.09	.52	.11	19	.12	.031	16.2	36.5	.49	100.0	.023	1	1.00	.009	.22	6.1	2.0	.04	.02	<5	.4	.06	2.7	15
76854	6.19	48.76	4.68	46.3	218	31.3	7.3	401	1.87	179.4	.8	6.5	4.7	10.0	.09	.53	.10	21	.11	.036	13.8	40.3	.45	99.7	.021	1	.86	.007	.19	1.5	1.9	.04	.02	<5	.3	.05	2.5	15
76855	2.83	34.87	4.53	35.8	136	17.7	4.9	330	1.41	104.3	.9	1.3	5.0	10.7	.08	.64	.09	20	.08	.028	13.9	32.6	.30	79.7	.012	1	.62	.008	.15	6.5	1.3	.04	.02	<5	.2	.02	1.8	15
76856	6.58	43.29	7.09	65.8	155	35.7	10.6	524	2.48	86.4	1.1	1.0	9.4	12.7	.11	.46	.17	24	.11	.035	20.0	41.5	.68	117.7	.033	1	1.33	.011	.29	1.1	2.6	.06	.01	18	.3	.18	3.6	15
76857	4.16	53.67	7.74	50.4	207	24.9	8.1	374	2.18	130.1	1.9	2.6	8.1	18.9	.06	.64	.16	35	.12	.054	22.0	37.2	.52	112.6	.029	2	1.15	.015	.28	4.6	1.9	.07	.06	10	.7	.15	3.3	15
76858	3.68	29.04	12.71	73.5	58	34.3	13.8	560	2.90	146.5	.9	12.5	20.1	12.8	.09	.32	.18	24	.14	.043	44.7	40.4	.65	130.5	.063	1	1.70	.022	.43	1.0	2.7	.12	<.01	7	<.1	<.02	5.1	15
76859	.65	30.37	14.90	85.4	127	37.7	16.1	661	3.32	408.8	1.4	42.3	19.5	15.2	.11	.39	.22	31	.19	.058	47.5	41.8	.89	153.8	.089	1	1.97	.027	.60	2.9	3.8	.21	<.01	9	<.1	<.02	6.1	15
76860	4.33	56.15	18 53	71.0	110	31.7	15.9	671	2.79	56.8	1.4	4.3	17.9	10.4	.06	.25	.25	28	.13	.041	39.6	45.9	.80	121.9	.072	1	1.60	.024	.52	1.1	2.6	.17	.01	<5	.1	.06	5.4	15
76861	.85	36.34	25 02	95.1	146	39.7	17.4	1093	3.22	97.3	1.1	6.9	16.4	12.6	.09	.33	.48	34	.13	.036	39.3	39.5	.97	134.4	.102	1	1.89	.025	.54	3.7	4.0	.19	.01	<5	<.1	.20	6.4	15
76862	4.74	44.52	35 72	91.0	260	36.9	14.3	1065	2.93	144.6	1.1	44.3	13.1	13.3	.17	.38	.22	29	.16	.047	35.4	39.6	.83	104.0	.045	2	1.63	.018	.36	1.1	3.4	.10	<.01	<5	.2	.05	5.5	15
76863	2.62	50.54	15.15	82.2	293	38.7	15.0	1263	3.33	93.4	1.3	29.5	13.4	16.0	.17	.50	.25	31	.20	.062	38.7	40.9	.84	94.7	.037	1	1.71	.011	.33	3.8	3.9	.08	<.01	9	.4	.14	5.0	15
76864	5.62	53.32	22.90	68.8	526	33.9	13.6	975	3 00	1495.0	1.6	497.7	15 0	32.6	.27	.70	.25	21	.17	.050	38.0	28.4	.61	85.0	.018	2	1.37	.007	.32	.6	2.7	.08	.01	5	.6	.13	4.4	15
76865	3.41	70.97	24.42	52.1	467	25.0	10.2	586	2.43	512.2	1.7	59.9	9.8	11.6	.13	.70	.23	29	.14	.050	28.0	27.4	.47	102.6	.016	2	1.12	.006	.25	4.7	2.1	.06	<.01	8	.4	.06	3.4	15
RE 76865	3.59	74.80	24.92	50.8	456	26.7	10.6	592	2.46	517.1	1.7	69.6	10.0	11.5	.14	.69	.25	29	.15	.052	27.5	27.8	.47	101.8	.017	1	1.11	.006	.25	4.9	2.1	.06	<.01	<5	.5	.10	3.4	15
76866	6.43	59.13	26.97	63.2	671	31.2	13.3	615	2.83	922.4	2.2	193.1	12.9	19.6	.06	.86	.42	23	.16	.050	33.9	32.0	.47	124.6	.023	1	1.14	.011	.29	.9	2.5	.10	.05	<5	.4	.13	3.5	15
76867	7.52	71.27	17 75	45.1	584	19.1	6.7	238	2.10	650.6	4.0	73.3	5.8	15.0	.21	.85	.25	36	.14	.066	16.9	28.0	.25	238.9	.010	2	.65	.007	.15	6.6	1.3	.05	.06	<5	1.0	.08	2.1	15
76868	16.05	78.60	31.63	71.2	833	30.9	10.9	404	2 78	284.7	2 9	54.0	7.8	15.8	.19	1.32	.52	35	.14	.068	20.7	33.3	.40	211.0	.015	2	.96	.007	.21	1.1	1.7	.10	.17	<5	1.1	.19	3.0	15
76869	7.46	64.18	23.85	53.0	538	22.7	7.7	421	2.36	174.5	2.0	24.2	5.1	12.1	.19	.75	.27	34	.16	.080	12.6	30.8	.45	188.0	.019	1	.93	.007	.18	5.3	1.6	.08	.07	7	.7	.17	2.9	15
76870	11.86	68.55	23 15	61.8	542	26.1	6.8	321	2.18	396.8	2.1	29.1	4.9	12.4	.35	.82	.25	35	.14	.069	13.8	30.9	.33	190.6	.014	1	.74	.006	.16	1.4	1.5	.07	.09	9	.9	.13	2.5	15
76871	7.42	61.39	19.06	69.7	591	25.3	7.3	428	2.71	214.7	2.4	29.6	7.3	20.0	.40	.76	.31	36	.16	.062	21.1	32.9	.45	158.6	.012	1	1.00	.009	.19	5.1	2.0	.10	.09	5	.9	.10	3.4	15
76872	8.52	61.04	31 80	66.7	877	31.9	9.7	420	2.51	232.5	1.8	32.0	7.3	11.1	.24	.65	1.18	29	.14	.060	17.8	31.9	.49	194.5	.016	2	1.03	.010	.18	1.1	1.9	.06	.03	<5	.8	.11	3.1	15
76873	3.79	50.90	14.31	108.1	431	36.2	15.2	771	3.18	108.9	1.4	20.4	9.5	13.6	.26	.56	.23	41	.18	.046	25.0	32.2	.83	173.2	.022	3	1.47	.009	.27	4.1	3.9	.08	<.01	10	.5	.05	4.5	15
76874	7.19	53.40	17.10	101.5	492	38.5	15.1	688	3.49	82.5	1.3	64.1	9.1	12.3	.21	.66	.28	63	.20	.058	26.5	41.8	1.00	167.0	.021	2	1.68	.009	.28	.8	4.1	.09	<.01	<5	.8	.11	6.0	15
76875	2.81	47.75	8.68	70.7	297	34.9	12.8	669	2.71	111.7	1.1	14.9	9.8	10.7	.19	.58	.21	30	.15	.050	23.9	35.5	.63	88.5	.026	1	1.31	.015	.24	4.2	2.4	.05	.03	8	.5	.09	3.6	15
76876	5.99	44.48	10.26	84.2	217	39.7	13.2	692	2.87	83.6	1.2	7.6	8.6	12.1	.14	.50	.20	41	.17	.049	23.8	43.2	.84	139.3	.037	2	1.48	.011	.29	1.1	2.9	.09	.02	9	.5	.05	4.2	15
76877	2.24	40.21	11.81	81.5	260	31.0	12.4	517	2.80	84.2	1.1	7.6	8.5	11.3	.14	.78	.20	48	.17	.048	20.7	36.9	.81	189.8	.039	2	1.50	.012	.33	4.0	3.0	.12	<.01	<5	.4	<.02	4.4	15
STANDARD DS2	14.25	124.83	31.94	158.4	260	33.4	11.4	786	2.92	59.3	18.4	215.2	3.5	26.2	10.03	9.92	10.68	72	.48	.088	14.3	154.2	.56	143.9	.086	2	1.56	.028	.14	7.7	2.7	1.75	.01	255	2.4	1.77	5.6	15

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76878	2.29	21.36	5.91	52.4	197	26.9	6.7	481	1.71	98.3	.9	22.8	4.4	7.4	.19	.47	.12	23	.11	.035	12.8	26.6	.34	75.1	.005	3	.71	.006	.14	3.8	2.1	.05	<.01	<5	.3	.04	2.3	15
76879	4.06	34.44	12.38	58.2	317	25.6	4.7	204	1.85	411.1	1.3	21.8	5.3	9.9	.34	.57	.19	17	.14	.055	15.2	32.7	.37	116.2	.009	3	.78	.012	.17	4.0	1.7	.04	.01	14	.8	.11	2.0	15
76880	3.82	40.68	18.72	70.0	415	31.0	6.2	245	1.91	673.6	2.3	25.9	4.6	11.7	.57	.68	.22	23	.23	.108	14.6	25.5	.35	87.3	.006	3	.67	.006	.14	3.7	1.5	.05	.03	<5	.9	.09	1.8	15
76881	6.77	38.94	15.78	120.8	463	41.3	5.4	293	1.86	1161.8	2.3	157.6	3.0	19.5	1.17	.75	.26	37	.27	.134	12.0	32.6	.31	86.8	.005	3	.68	.006	.12	4.6	1.8	.03	.03	<5	1.1	.03	2.2	15
76882	4.18	54.59	15.06	106.2	598	31.2	5.3	197	1.90	700.7	2.1	15.9	4.5	10.3	1.00	1.10	.26	36	.24	.115	15.7	28.9	.31	109.9	.005	2	.69	.005	.16	3.9	1.8	.04	.02	<5	1.3	.04	1.8	15
76883	7.82	62.78	35.10	143.4	652	34.9	3.3	168	1.85	709.2	2.5	31.9	3.1	13.8	1.39	1.16	.66	45	.22	.126	12.3	33.7	.22	105.9	.004	<1	.53	.004	.13	4.6	1.5	.03	.04	13	2.5	.05	1.7	15
76884	3.32	35.55	9.90	121.0	252	40.6	5.6	216	1.49	283.6	.9	21.1	3.5	9.3	.64	.55	.12	24	.14	.074	11.2	28.1	.33	74.7	.005	2	.62	.006	.13	4.7	1.4	.04	<.01	<5	.8	.04	2.0	15
76885	6.09	40.02	14.26	143.6	453	41.7	8.1	277	2.12	256.8	1.2	12.2	5.4	12.4	.57	.62	.18	33	.14	.049	16.7	38.7	.48	116.3	.007	2	.92	.009	.17	4.4	1.8	.05	<.01	14	1.0	.03	2.7	15
76886	3.26	38.34	10.67	119.7	343	37.0	6.6	183	2.21	118.4	1.6	5.7	5.8	11.8	.46	.52	.21	34	.15	.056	18.0	31.4	.53	117.1	.008	1	.97	.012	.17	2.9	1.8	.05	.02	<5	.9	<.02	2.8	15
76887	3.74	24.07	6.72	83.5	135	28.8	6.0	210	1.80	70.6	1.2	1.0	4.8	9.5	.22	.60	.11	28	.14	.045	15.1	43.3	.56	155.6	.032	2	.99	.018	.28	3.9	1.8	.10	.01	7	.4	.04	2.9	15
76888	1.82	23.34	17.20	94.1	247	24.4	14.4	839	2.94	48.4	1.2	28.8	14.7	15.1	.71	.55	.17	51	.33	.133	38.5	43.3	1.42	186.0	.013	2	1.80	.011	.29	1.9	5.3	.11	.01	8	.3	<.02	6.7	15
76889	3.04	21.78	12.58	75.6	115	21.5	9.1	687	2.17	76.8	.9	2.7	5.1	9.9	.50	.51	.08	39	.21	.076	16.3	42.7	.83	179.5	.014	3	1.24	.012	.23	2.8	3.9	.08	<.01	6	.2	.14	3.9	15
76890	3.00	45.38	18.19	95.1	270	40.0	11.5	619	2.58	158.0	1.0	10.5	15.8	15.3	.60	.80	.17	50	.31	.136	31.4	41.9	.86	292.1	.024	2	1.35	.014	.34	3.5	3.0	.12	.01	6	.4	.08	5.2	15
76891	3.77	33.71	17.39	115.9	322	33.7	12.4	540	2.87	496.9	1.3	28.7	23.2	12.8	.39	.67	.14	47	.28	.119	54.4	36.2	.92	261.9	.018	1	1.50	.020	.30	2.8	3.2	.08	<.01	9	.4	.10	5.6	15
76892	4.37	67.23	26.69	163.9	344	64.7	15.4	575	2.92	293.8	1.1	16.6	7.0	11.9	.80	1.05	.24	46	.27	.107	25.6	48.1	.88	209.4	.008	3	1.42	.006	.25	2.7	3.4	.08	.01	<5	1.1	.11	4.2	15
76893	5.36	57.54	16.53	144.6	460	53.4	11.7	542	2.33	793.6	1.1	41.4	4.6	15.4	.94	.79	.17	46	.29	.128	17.3	41.4	.48	287.8	.007	3	.94	.004	.18	4.1	2.6	.05	.01	10	1.0	.13	2.6	15
76894	3.51	29.58	138.01	96.5	449	32.2	8.7	409	2.03	913.9	1.4	170.7	6.8	16.5	1.29	.61	.15	29	.16	.069	19.5	24.8	.50	157.6	.005	3	.86	.005	.16	3.4	1.8	.05	<.01	5	.8	.08	2.5	15
76895	5.69	53.83	39.73	173.0	370	30.3	8.2	381	2.33	244.2	1.0	9.3	8.0	10.7	1.32	.78	.19	44	.21	.076	18.8	49.4	.67	222.1	.018	1	1.19	.012	.23	3.9	2.3	.05	<.01	13	.8	.17	3.5	15
76896	5.33	47.47	22.55	215.5	336	37.7	9.2	338	2.34	331.3	1.2	24.2	5.2	10.4	1.79	.81	.19	57	.29	.125	16.4	47.2	.76	235.1	.011	1	1.13	.009	.17	3.3	2.2	.05	.01	<5	1.2	.03	3.4	15
76897	5.92	52.69	31.25	300.2	391	61.7	10.6	504	2.67	768.9	1.8	89.6	8.3	20.6	2.14	.99	.18	78	.34	.135	22.0	109.5	1.09	248.6	.016	1	1.37	.012	.21	3.5	3.1	.07	.01	11	1.3	.20	4.7	15
76898	1.43	44.79	13.96	310.4	275	190.3	25.5	785	3.47	235.4	1.2	25.0	10.1	94.2	2.10	.55	.16	92	1.54	.078	30.6	734.3	3.01	225.8	.043	3	2.48	.011	.49	1.7	10.5	.16	.03	9	.3	.23	9.7	15
76899	4.22	51.09	14.54	128.3	360	35.6	6.6	226	2.01	756.4	1.5	96.0	9.5	16.7	.76	.62	.11	42	.20	.075	23.5	38.1	.54	183.2	.008	3	.93	.008	.19	4.3	1.7	.04	.03	<5	.9	.09	2.7	15
RE 76899	4.18	50.62	14.52	130.5	358	34.5	7.0	228	2.03	763.6	1.5	93.5	9.7	16.1	.82	.64	.11	41	.20	.075	24.2	37.2	.54	187.3	.008	3	.94	.009	.20	4.1	2.0	.05	.02	6	.8	.05	2.7	15
77003	3.19	50.02	9.42	144.8	341	38.8	6.6	195	2.28	303.4	1.1	11.9	9.5	9.9	.70	.90	.08	51	.19	.055	24.6	44.2	.65	158.8	.008	3	1.02	.010	.17	2.5	2.2	.04	.04	<5	.8	.08	3.4	15
77004	7.00	52.40	17.19	200.9	440	62.6	9.8	417	2.32	522.0	1.8	125.2	6.4	20.0	2.52	.55	.11	59	.33	.125	18.6	78.1	.93	284.2	.006	2	1.10	.006	.18	4.3	3.2	.05	.03	17	1.1	.08	3.3	15
77005	3.24	40.05	48.78	572.1	292	44.8	21.4	980	4.18	189.9	1.0	47.3	7.3	16.3	4.89	.74	.13	119	.40	.107	24.8	79.2	2.13	162.9	.016	1	2.48	.011	.19	1.9	8.6	.08	.01	<5	.3	.03	8.2	15
77006	3.66	40.05	59.37	293.0	319	23.6	5.9	391	1.68	213.5	1.0	59.2	12.0	7.0	3.36	.45	.08	22	.11	.045	35.8	27.2	.46	160.4	.006	2	.84	.015	.19	3.5	1.5	.05	.05	<5	.2	.06	2.5	15
77007	1.17	13.45	76.01	145.7	105	10.8	6.0	491	1.91	41.0	1.0	14.3	19.2	8.5	1.30	.23	.07	15	.22	.084	41.8	17.5	.55	184.3	.008	1	1.16	.018	.29	1.9	1.5	.09	.04	5	<.1	.03	3.6	15
77008	4.10	18.53	8.20	18.6	130	10.7	3.8	1005	1.97	684.3	.6	17.5	2.9	53.9	.15	.41	.03	8	1.49	.048	7.9	20.8	.27	620.6	.003	3	.47	.004	.16	5.0	1.5	.03	.10	<5	.3	<.02	1.1	15
77009	1.46	5.43	4.79	25.9	64	13.9	6.1	767	.89	46.5	.1	1.8	.5	22.6	.09	.22	.03	3	.47	.002	1.0	25.6	.20	66.2	.002	2	.37	.003	.08	4.2	.9	.02	.02	11	.1	.04	1.0	15
77010	6.78	116.38	170.35	165.5	3099	6.1	1.7	240	5.38	1093.3	3.5	1000.5	2.1	138.2	1.39	2.05	1.63	27	.05	.033	5.3	25.7	.02	80.7	.005	1	.33	.078	.18	5.2	.9	.06	.42	12	13.8	.17	3.5	15
77011	22.25	702.35	397.25	240.6	6596	9.5	5.9	696	11.20	1839.8	9.2	1954.9	11.9	58.3	3.91	3.36	4.82	15	.23	.043	23.5	13.5	.37	229.2	.011	2	1.08	.015	.30	2.6	2.1	.06	.15	23	11.7	.45	4.7	15
77012	7.13	53.73	12.75	92.1	484	22.0	5.4	580	2.30	137.2	1.6	21.6	4.4	24.1	.48	.41	.13	34	.16	.053	13.3	35.4	.49	118.7	.009	<1	.94	.009	.14	5.0	1.6	.03	.04	<5	1.6	.10	3.5	15
77013	5.43	42.48	15.70	134.2	360	38.7	9.2	477	1.73	365.7	2.6	38.4	2.8	21.6	.91	.54	.17	13	.10	.038	8.9	23.8	.32	118.4	.002	1	.62	.006	.10	5.1	1.2	.03	.03	5	.6	.10	2.1	15
STANDARD DS2	13.71	128.94	31.38	156.7	274	35.2	11.9	822	3.06	58.9	18.3	200.7	3.4	26.2	10.57	9.96	11.00	75	.50	.090	14.1	158.9	.59	148.0	.086	2	1.64	.029	.15	7.6	3.0	1.81	.02	222	2.4	1.83	6.0	15

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77014	2.61	20.38	317.75	6.7	2703	7.7	.6	55	2.35	267.2	.2	1063.4	.5	60.1	.12	.59	6.74	3	.01	.008	2.8	31.7	.02	280.9	.004	1	.09	.009	.35	10.2	.4	.09	.68	8	5.2	.14	.5	15
77015	6.72	27.82	44.09	5.8	519	11.0	.6	41	1.86	80.6	.2	46.3	1.1	41.1	.05	.36	.76	8	.02	.017	6.0	34.2	.03	425.5	.004	2	.14	.007	.31	1.2	.5	.08	.52	<5	1.2	.04	.8	15
77020	1.02	1.44	3.05	5.1	22	4.3	.2	58	.20	7.1	.4	4.0	<.1	185.0	.19	.22	.02	<2	12.03	.007	1.5	13.8	.44	19.3	.001	1	.03	.001	.01	2.6	.2	<.02	.01	<5	.2	.02	.1	15
77021	2.71	10.19	5.36	60.2	36	36.3	13.4	474	1.87	16.8	1.4	5.1	9.6	62.7	.14	.38	.03	64	1.71	.002	26.2	64.6	.54	151.1	.180	2	.98	.068	.06	.6	4.6	.03	.09	5	.4	<.02	2.0	15
77022	.65	1.47	4.66	7.7	29	2.4	.4	77	.17	7.1	.5	1.6	.1	281.2	.33	.22	<.02	3	26.76	.009	1.5	4.1	.25	23.6	.001	1	.06	.001	.02	.6	.4	<.02	.01	<5	.3	04	.1	15
77023	.77	1.02	4.19	4.2	14	2.3	.3	92	.15	6.4	.4	.3	.1	435.4	.21	.11	<.02	3	27.65	.008	1.7	2.8	.21	23.5	.001	1	.04	.002	.02	<.2	.4	<.02	.01	<5	.2	<.02	.1	15
77024	.65	.75	5.83	2.6	12	3.3	.4	111	.19	6.3	.5	.7	.2	421.4	.12	.12	<.02	3	21.65	.008	2.4	4.3	.40	31.2	.001	1	.07	.010	.02	.4	.4	<.02	<.01	<5	.2	.06	.1	15
77025	1.21	1.59	8.23	5.7	23	3.8	.3	126	.26	5.8	.5	.6	.1	380.9	.11	.17	<.02	3	20.04	.010	2.5	7.6	.43	42.1	.001	1	.13	.011	.02	.2	.4	<.02	<.01	<5	.3	.04	.2	15
77026	.64	7.73	7.61	13.5	58	6.5	2.6	210	.61	28.2	.6	3.2	1.1	353.1	.15	.40	.10	7	17.34	.023	6.1	11.6	.28	43.0	.006	1	.33	.005	.05	1.5	1.1	.02	<.01	6	.4	.13	.8	15
77027	1.54	67.66	6.93	55.5	113	26.5	19.8	748	3.76	176.7	.6	6.2	2.9	51.0	.16	.89	.23	75	1.90	.041	7.9	55.3	1.56	158.8	.035	3	1.95	.029	.28	.3	9.9	.11	.05	<5	.4	.07	5.9	15
77028	.51	45.30	10.16	60.1	81	24.8	15.4	573	3.12	97.7	.6	6.3	4.3	52.1	.17	.64	.28	66	1.54	.038	11.3	47.8	1.25	169.3	.057	2	2.10	.035	.29	1.3	7.1	.09	.01	<5	.3	.06	5.3	15
77029	1.75	69.43	8.08	68.5	75	31.0	20.0	688	3.72	119.4	1.0	3.9	3.5	20.5	.15	.54	.14	86	.69	.045	10.6	64.6	1.67	177.9	.048	3	2.52	.033	.30	.2	9.7	.10	<.01	6	.4	.02	7.2	15
77030	.66	28.27	4.70	54.1	37	9.1	14.4	527	3.12	48.4	.5	1.5	4.6	31.1	.04	.26	.03	80	1.22	.048	13.4	20.2	1.19	184.9	.115	2	2.21	.036	.47	1.5	5.3	.11	<.01	<5	<.1	.02	6.0	15
77031	2.38	42.90	7.71	54.6	103	22.8	16.9	620	3.64	179.3	.7	13.3	6.2	25.2	.10	1.21	.18	96	1.23	.055	20.4	47.8	1.21	168.9	.046	2	2.32	.028	.43	.3	5.6	.12	<.01	<5	.5	.06	7.2	15
77032	1.07	33.14	9.03	67.8	86	18.8	15.2	546	3.23	87.2	.8	5.8	4.7	22.1	.07	.47	.15	66	.80	.064	14.8	41.5	1.42	264.3	.113	1	2.41	.029	.57	2.8	4.3	.18	<.01	7	.3	.03	6.2	15
77033	2.76	35.86	13.19	69.0	103	26.1	14.8	552	3.32	127.7	.8	9.0	6.7	16.2	.16	.96	.29	48	.56	.070	20.2	38.4	1.18	274.1	.059	2	2.33	.017	.54	.4	3.1	.18	<.01	6	.6	.03	5.5	15
77034	.21	1.90	11.43	27.4	62	1.3	.4	190	.18	6.5	.4	.6	.2	447.1	.34	.27	<.02	2	27.83	.017	5.4	3.7	.14	39.8	.002	1	.11	.002	.02	1.0	.6	<.02	.01	6	.2	.06	.2	15
77050	5.10	16.18	134.51	523.5	323	24.2	6.1	845	2.50	142.3	.9	34.5	2.5	77.4	6.62	.71	.14	9	4.27	.031	9.2	22.4	.14	148.1	.009	5	.48	.005	.23	1.0	1.4	05	.04	12	.3	.12	.9	15
77051	3.54	38.16	258.37	1179.2	4739	15.5	4.7	323	1.62	326.8	.7	50.2	2.0	50.9	6.94	.82	14.34	5	.60	.047	7.0	17.0	.46	279.0	.002	3	1.03	.006	.32	.7	.9	.09	.02	16	.3	.26	1.7	15
77052	.80	8.71	16.40	97.8	101	9.2	1.8	162	.71	31.3	<.1	3.4	.6	29.6	.53	.24	.15	4	.91	.003	3.0	24.1	.10	46.0	.002	2	.26	.020	.11	6.3	.5	.03	.02	<5	<.1	.04	.5	15
77053	4.18	12.64	2249.98	2690.9	2845	9.9	.4	3095	5.50	126.2	.8	201.7	.2	336.4	30.73	1.72	.10	4	6.32	.026	6.2	22.9	1.65	70.2	.002	1	.15	.002	.02	1.0	.8	<.02	.18	35	1.0	.07	.6	15
77054	.66	17.42	278.68	412.2	573	7.2	2.4	170	.89	1181.3	1.1	120.2	3.4	17.1	6.08	.72	.21	3	.17	.033	10.5	16.5	.19	96.3	.004	3	.58	.033	.21	4.0	.7	.05	.03	7	.2	.02	1.1	15
77055	.96	44.87	4540.15	7643.1	11292	3.7	1.1	1722	3.04	103.6	.8	947.1	.3	652.9	72.77	5.16	.18	13	10.57	.027	3.0	8.7	4.75	27.7	.005	2	.23	.007	.07	.4	.8	.04	.39	93	1.5	.09	1.2	15
RE 77055	1.06	45.53	4521.61	7687.1	10886	3.8	1.2	1733	3.07	102.3	.8	298.6	3	653.4	72.26	5.15	.18	12	10.59	.027	3.0	8.9	4.76	28.0	.005	2	.24	.006	.07	.4	.7	.04	.39	79	1.6	.09	1.1	15
77056	2.47	98.39	14377.17	21990.0	27560	14.4	<.1	1696	3.54	246.7	1.4	967.1	<.1	233.3	212.16	7.67	.12	<2	3.46	.030	2.7	41.8	1.06	16.3	.003	12	.24	.004	.02	7.2	.6	<.02	.91	237	4.9	.31	.9	15
77057	4.25	104.35	24194.73	21960.7	41540	13.6	.3	1006	5.72	13182.3	4.8	3555.0	.1	193.9	226.78	32.66	.32	<2	2.34	.044	2.1	49.3	1.26	41.8	.003	<1	.25	.003	.04	1.1	.8	04	3.75	362	9.8	<.02	.8	15
77058	3.21	83.88	131.15	205.7	770	18.4	4.5	162	2.35	54.7	1.6	15.7	10.3	50.0	1.77	.75	.26	36	.10	.034	31.6	42.4	.29	795.7	.029	1	.83	.006	.42	5.3	1.3	.14	.13	5	2.2	.12	2.5	15
77059	15.84	107.87	121.07	143.4	714	19.9	4.1	101	1.85	60.8	3.3	9.8	3.7	48.9	1.46	.93	.18	81	.31	.198	17.2	47.7	.16	379.3	.013	1	.59	.008	.25	1.9	1.1	.07	.11	11	7.2	.17	2.0	15
77060	1.21	16.87	19.96	42.5	136	15.0	3.7	374	.69	20.0	.3	4.2	1.3	4.4	.29	.25	.07	5	.05	.012	4.3	34.3	.16	118.4	.008	1	.28	.006	.11	7.9	.6	.04	.01	<5	.3	.02	.9	15
77061	5.71	53.58	39.27	247.2	653	32.1	6.4	356	1.62	160.5	.8	18.7	5.6	10.0	2.35	1.07	.13	32	.13	.051	21.7	38.5	.40	458.6	.011	2	.72	.010	.18	1.4	2.4	05	.02	6	.8	.07	2.4	15
77062	.96	1.36	13.05	7.7	35	5.1	.5	142	.34	5.4	.6	.9	.2	421.2	.14	.21	.03	3	18.28	.012	2.8	11.3	.40	45.6	.001	<1	.20	.001	.02	1.9	.6	<.02	.02	<5	.4	.05	.4	15
77063	1.46	3.12	5.54	21.0	43	10.6	.7	147	.30	18.4	.4	1.4	.4	419.5	.22	.59	.03	3	22.22	.061	7.4	10.4	.13	19.8	.002	<1	.13	.002	.03	.7	.7	<.02	<.01	<5	.7	.02	.3	15
77064	.50	47.60	10.85	55.6	101	34.6	14.4	429	2.78	52.2	.7	8.0	5.9	28.2	.13	.31	.09	72	.77	.054	16.2	87.9	1.47	192.8	.099	1	2.03	.040	.25	1.6	5.4	.06	.09	<5	.8	.03	6.5	15
77065	1.79	27.84	7.81	62.9	58	10.9	12.2	464	2.88	16.9	.7	1.5	5.7	34.4	.12	.13	.04	67	1.46	.080	17.3	27.3	1.24	288.4	.156	1	2.16	.058	.42	.3	4.6	.11	.10	<5	.5	<.02	6.2	15
STANDARD DS2	14.08	130.80	34.41	154.8	266	34.6	11.9	828	3.08	61.5	20.0	224.2	3.4	25.3	10.23	9.74	11.29	74	.51	.095	15.4	162.7	.60	150.3	.087	2	1.66	.033	.15	7.9	2.8	1.81	.03	251	2.3	1.82	5.7	15

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

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

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77066	3.80	51.84	6.71	32.8	109	8.3	9.1	333	2.15	47.3	.7	5.3	2.3	17.0	.04	.22	.32	25	.40	.031	7.4	26.7	.53	161.9	.061	9	1.07	.019	.24	4.2	1.8	.09	.02	<5	.6	.09	2.7	15
77067	.66	11.26	5.55	26.0	47	8.0	7.3	1371	3.12	204.1	.5	3.9	1.8	478.6	.12	3.36	.15	15	17.72	.019	13.0	12.9	1.42	78.5	.001	<1	.87	.005	.10	.7	2.9	.03	.03	<5	.6	.07	2.1	15
77068	1.60	1.23	1.37	6.3	13	1.5	.2	165	.22	3.8	2.2	.8	.1	92.8	.07	.18	.02	2	12.77	.006	1.8	14.2	.13	20.0	.001	<1	.07	.003	.03	3.3	.2	.02	<.01	<5	.1	<.02	.2	15
77069	1.37	114.82	5.70	46.5	192	12.8	18.9	486	2.84	6.5	.8	2.5	5.9	31.3	.07	.16	.08	36	.99	.092	15.5	23.1	.93	169.6	.117	1	1.35	.034	.20	1.1	1.9	.08	.60	<5	1.6	.14	3.3	15
77070	1.76	51.73	6.50	54.9	78	20.7	13.0	445	2.51	4.1	.8	.6	5.3	25.5	.04	.19	.07	54	1.04	.060	14.7	55.0	1.20	112.0	.138	1	1.56	.044	.20	1.2	2.7	.06	.26	<5	.6	.04	5.2	15
77071	.89	1.15	25.70	3.3	141	1.6	.2	96	.11	4.4	.4	.6	.1	323.1	.15	.34	.30	2	24.78	.012	3.0	6.4	.14	24.6	.001	1	.06	.002	.01	1.2	.3	<.02	.01	<5	.3	.04	.1	15
77072	1.08	35.26	2.49	36.2	48	25.6	12.5	329	1.85	3.6	.3	.4	3.3	17.4	.05	.13	.04	25	.56	.042	8.4	45.0	1.28	79.3	.086	1	1.53	.041	.23	1.1	1.8	.05	.03	<5	<.1	.02	2.9	15
77073	1.88	29.53	3.81	17.4	106	8.5	2.9	375	1.14	38.4	.6	1.9	1.6	11.9	.07	.61	.09	21	.19	.023	4.9	24.7	.19	32.6	.015	1	.43	.010	.10	3.8	1.0	.06	.03	<5	.5	.07	1.6	15
77074	3.66	110.52	7.42	89.0	326	28.6	8.8	648	3.59	105.2	2.0	5.1	9.0	13.4	.16	.55	.32	36	.21	.035	24.5	42.5	.99	119.1	.044	<1	1.82	.014	.36	1.9	2.2	.15	<.01	<5	1.0	.11	5.4	15
77075	1.42	8.47	3.83	8.5	32	5.3	1.5	72	.47	23.4	.3	2.2	.6	2.3	.05	.12	.02	<2	.04	.009	2.7	22.3	.05	25.5	.003	<1	.15	.007	.05	5.3	.2	.02	<.01	<5	<.1	.02	.4	15
77076	3.46	31.81	11.34	30.7	85	10.8	3.1	189	1.16	213.2	.9	17.6	6.3	8.3	.16	.26	.10	10	.08	.022	19.3	25.4	.16	92.3	.004	1	.52	.021	.17	4.7	.6	.04	<.01	<5	.3	.15	1.4	15
77077	2.63	70.70	13.60	67.1	117	27.3	12.4	414	2.78	23.0	1.9	13.8	12.2	12.4	.11	.72	.13	41	.26	.075	31.3	38.5	.80	91.8	.042	<1	1.52	.015	.42	2.3	1.9	.20	<.01	<5	.3	.11	4.5	15
77078	.56	2.36	8.14	80.9	21	4.8	3.3	940	2.86	2.4	.3	.4	1.5	624.7	.20	.55	<.02	20	10.38	.058	5.9	8.1	4.93	497.1	.001	4	.26	.004	.18	.5	2.9	.03	.06	14	.2	.09	.4	15
77079	1.46	17.75	16.60	51.4	117	10.0	8.7	722	2.80	22.1	.7	9.2	5.7	169.9	.11	1.38	.13	12	3.59	.089	13.7	10.1	.98	151.9	.003	7	.48	.018	.28	1.1	3.3	.05	.39	45	.4	.08	.7	15
77082	1.09	37.10	7.59	78.7	88	14.0	16.4	813	3.97	14.5	.5	5.5	2.2	371.3	.20	.75	.08	24	4.23	.042	7.5	11.3	1.56	702.2	.005	6	.73	.015	.34	1.0	7.8	.09	.23	20	.4	.07	1.5	15
77083	1.36	34.09	7.70	73.6	121	44.5	15	0	734	3.41	17.1	.9	5.6	5.2	336.7	.14	1.16	.07	22	3.64	.093	19.9	23.6	1.42	839.1	.005	7	.45	.014	.31	1.1	5.9	.08	.14	15	.2	.05	.8	15
77084	1.29	2.48	1.75	5.8	19	2.2	.7	172	.56	4.4	<.1	4.9	1.3	66.2	.03	.45	.02	<2	.85	.013	2.3	9.6	.14	610.6	<.001	2	.18	.041	.08	2.0	.6	02	.06	6	<.1	.02	.5	15
77085	.66	2.56	1.56	4.7	17	3.0	1.0	171	.46	1.8	<.1	1.1	.5	35.8	.02	.38	.02	2	.18	.005	.9	10.0	.03	1851.0	<.001	1	.13	.054	.04	2.1	.3	<.02	.07	<5	<.1	<.02	.4	15
77087	2.85	6.83	3.30	32.1	42	12.2	4.8	203	1.92	11.1	.4	3.5	3.9	16.2	<.01	.48	.05	8	.57	.019	10.8	21.9	.09	269.1	.003	4	.33	.018	.17	4.0	1.1	.04	.08	21	.2	.09	.5	15
77088	2.39	25.65	12.28	52.3	260	19.1	5.5	121	2.78	59.9	.7	5.6	10.2	13.3	<.01	.62	.35	8	.09	.041	29.2	8.7	.08	321.3	.001	4	.48	.014	.32	1.4	1.5	.07	.09	34	.7	.16	.8	15
77089	1.41	5.85	159.16	126.0	845	4.1	1.4	651	.70	35.6	.3	56.9	2.4	14.4	1.07	1.70	.03	2	.03	.011	5.8	13.3	.01	875.1	.001	2	.21	.014	.16	2.0	.9	.04	.06	166	<.1	.04	.5	15
77090	.52	2.62	182.08	168.9	635	1.6	.5	18	.83	70.2	.1	76.9	1.9	26.4	.76	.83	.19	<2	.01	.007	4.8	8.6	.01	692.9	<.001	4	.18	.009	.17	1.8	.3	.03	.21	243	.3	.02	.7	15
RE 77090	.55	2.52	178.15	167.4	627	1.6	.4	17	.83	72.2	.1	73.2	1.8	26.2	.79	.83	.19	<2	.01	.006	4.9	8.5	.01	715.4	<.001	4	.18	.009	.17	1.7	.3	.04	.20	238	.3	.03	.6	15
77091	1.06	15.40	133.95	221.5	1443	1.2	<.1	408	.53	41.2	.5	70.7	1.7	639.6	2.30	4.61	<.02	<2	4.98	.008	2.8	9.0	.33	101.1	<.001	2	.16	.004	.15	1.5	.5	.03	.08	142	.1	.08	.5	15
77092	.47	2.53	23.72	24.9	135	2.7	.6	456	.68	22.2	.2	39.2	4.2	23.8	.07	.46	<.02	2	.29	.010	13.5	7.3	.02	270.1	<.001	1	.19	.014	.13	1.6	.8	.03	.04	17	<.1	.04	.4	15
77093	.83	24.44	146.09	277.5	1656	1.7	.2	515	.72	71.0	2.0	102.2	2.4	459.1	3.48	6.93	<.02	2	3.78	.008	3.4	6.8	.87	92.3	.001	2	.20	.004	.16	1.6	.6	.03	.05	181	<.1	.04	.6	15
77094	.43	10.46	92.44	198.3	755	3.5	1.7	484	1.18	150.3	.3	159.0	2.6	34.2	1.55	2.48	.02	3	.62	.015	6.4	6.2	.03	293.0	<.001	1	.19	.011	.16	1.5	1.1	.03	.25	80	<.1	.02	.4	15
77300	2.80	18.30	774.41	1025.6	2057	12.3	5.7	462	1.57	108.1	.6	26.9	6.0	21.6	10.24	1.14	.20	16	.49	.034	12.9	25.3	.31	88.8	.018	2	.64	.016	.16	3.7	1.4	.05	.07	45	.3	.03	1.7	15
77301	1.51	24.87	832.56	2337.7	2073	13.2	7.0	645	2.12	71.5	.8	8.8	6.2	42.4	25.25	1.14	.17	20	1.04	.031	13.1	24.0	.55	91.7	.022	2	.83	.021	.20	3.1	1.8	.06	.18	77	.6	.06	2.3	15
77302	2.93	51.97	1822.23	1797.6	5453	27.3	10.6	618	2.51	161.8	2.3	15.4	4.8	26.7	19.52	1.75	.40	30	.66	.050	13.6	38.1	.76	149.0	.018	3	1.22	.017	.30	2.8	2.9	.10	.15	44	1.2	.06	3.1	15
77303	3.84	30.33	126.05	453.9	806	36.2	10	6	421	2.52	249.1	2.0	18.2	7.8	60.1	3.43	.98	3.40	23	1.33	.052	22.0	26.5	.54	98.9	.004	3	1.18	.011	.29	1.8	2.5	.08	.08	7	.4	.08	3.2	15
77304	3.26	31.15	101.11	703.8	464	33.0	10.6	445	2.31	144.5	1.0	24.2	6.4	77.2	4.11	.81	.23	18	2.14	.045	18.5	28.3	.38	95.9	.009	3	1.00	.005	.30	2.2	2.0	.09	.08	5	.4	.04	2.5	15
77305	1.41	28.67	78.57	648.8	462	30.1	10.0	461	2.06	118.8	1.1	20.2	8.1	71.2	4.74	1.11	.24	16	2.20	.036	22.7	22.7	.38	130.1	.006	4	.97	.005	.27	2.0	2.1	.08	.03	6	.2	.05	2.5	15
77306	2.62	43.75	92.06	533.7	405	25.8	12.0	567	2.70	165.3	1.1	18.2	6.1	66.3	4.64	.90	.32	28	2.03	.040	16.1	27.0	.56	121.9	.014	3	1.16	.012	.37	2.4	3.8	.12	.10	5	.5	.03	2.6	15
STANDARD DS2	14.11	130.08	33.82	163.1	250	34.0	11.5	827	3.08	59.7	19.6	212.0	3.4	26.3	10.65	9.78	11.24	75	.50	.090	15.4	158.9	.59	147.9	.086	2	1.65	.032	.15	8.1	2.9	1.91	.03	224	2.4	1.74	5.9	15

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77307	.99	36.92	3812.04	2397.8	9766	24.0	8.5	859	2.62	732.4	1.1	235.8	4.0	123.3	25.09	2.07	.48	17	2.98	.044	9.4	23.1	.77	132.6	.003	2	.85	.011	.22	3.0	3.0	.07	.18	36	1.2	.03	1.9	15
77308	2.87	45.86	7239.68	8191.4	17835	8.6	2.4	1709	3.18	203.8	1.6	1266.3	1.5	333.6	72.66	6.47	.24	8	8.78	.034	4.7	14.0	4.10	35.1	.003	1	.42	.005	.06	.6	1.0	.02	.37	84	2.1	.03	1.3	15
77309	1.08	62.47	7336.89	11795.6	21783	11.8	6.3	1454	3.36	320.6	1.4	1131.9	1.9	299.5	108.68	7.10	.30	26	5.06	.042	5.0	23.8	1.59	83.0	.006	2	.92	.011	.14	3.1	3.1	.05	.61	224	2.4	.04	2.5	15
77310	1.80	9.47	836.43	1278.9	2055	7.9	2.6	729	1.08	109.7	1.6	21.8	4.9	347.4	14.64	1.16	.14	17	9.22	.023	14.9	15.8	2.29	50.5	.003	1	.53	.012	.08	.5	1.7	.03	.06	46	.2	.05	1.4	15
77311	.61	24.04	120.02	466.1	451	20.7	7.6	457	1.94	314.1	.8	44.4	12.9	74.9	2.92	.58	.24	11	2.11	.040	27.4	20.7	.45	79.8	.007	2	.93	.010	.29	2.5	1.7	.08	.12	9	.1	.03	2.5	15
77312	2.89	27.46	52.27	210.6	241	22.1	7.3	526	2.17	788.3	.7	40.4	12.1	50.8	.96	.53	.10	7	1.17	.030	27.2	20.4	.33	85.9	.004	2	.65	.016	.26	.8	1.8	.06	.05	7	<.1	<.02	1.7	15
77313	1.20	29.18	156.25	849.9	810	25.4	9.2	672	2.32	3094.0	1.0	180.2	12.7	49.8	5.40	1.41	.23	7	1.02	.050	32.2	13.4	.25	161.4	.003	3	.53	.009	.27	4.6	2.0	.06	.02	20	.3	.03	1.1	15
77314	4.34	21.19	47.08	167.3	308	47.8	12.9	307	2.62	123.9	1.4	6.6	8.2	46.1	.48	.83	.93	24	1.08	.050	26.3	32.6	.52	96.4	.003	2	1.27	.006	.28	.7	2.7	.10	.01	7	.2	.04	3.4	15
77315	.41	4.72	19.58	46.0	123	5.2	.3	496	.45	31.6	.8	5.3	1.3	58.7	.20	.13	2.31	<2	1.46	.032	3.9	11.7	.08	42.9	<.001	2	.41	.019	.21	4.1	.8	.04	.01	10	<.1	.03	.6	15
77316	2.45	56.43	27.68	178.2	149	16.0	18.4	751	3.54	33.0	1.4	2.0	3.5	50.2	1.91	.59	.24	96	2.13	.067	10.5	36.2	1.33	180.5	.063	1	1.88	.045	.25	.4	8.6	.10	.46	<5	.7	.16	6.4	15
77317	.43	7.62	144.32	105.6	601	3.4	4	113	.47	724.4	.8	33.5	1.6	19.5	2.44	.51	1.34	<2	.38	.024	4.2	12.2	.08	47.8	<.001	2	.31	.039	.13	3.8	.3	.03	.02	<5	<.1	.06	.6	15
77318	3.92	28.78	17.52	146.1	140	44.6	12.5	442	2.63	169.5	1.6	2.9	7.4	72.8	.97	1.77	.19	21	2.15	.051	22.7	30.1	.32	77.7	.005	4	1.06	.004	.29	.9	2.9	.11	.09	15	.2	.07	3.1	15
77319	1.81	47.86	15.64	73.8	227	33.0	14.3	962	2.78	439.5	1.4	35.9	12.0	13.3	.05	1.04	.11	16	.20	.069	33.1	22.8	.39	135.3	.011	2	1.01	.009	.30	3.8	2.2	.10	.02	6	.4	.06	2.2	15
77320	5.20	68.52	20.24	37.6	376	34.3	14.3	1122	3.08	1560.9	1.2	76.1	10.2	30.6	.11	.97	.08	8	.69	.033	27.4	22.0	.29	1227.5	.002	3	.95	.006	.23	.9	2.5	.07	.03	11	.2	.07	2.2	15
77321	3.08	56.88	21.23	52.0	341	35.4	16.1	1253	3.11	1099.7	2.0	42.5	10.6	29.4	.07	1.18	.18	25	.66	.195	32.3	27.8	.38	176.0	.008	3	1.06	.007	.33	5.2	2.4	.11	.04	<5	.6	.13	2.7	15
77322	6.19	27.15	13.90	29.7	193	26.2	8.3	732	1.93	602.2	1.0	29.8	7.9	28.3	.09	.53	.07	10	.40	.072	20.5	25.6	.20	736.2	.002	3	.60	.005	.20	1.3	1.5	.06	.02	5	.6	.06	1.5	15
77323	2.26	31.46	14.67	76.0	176	20.1	9.8	770	2.23	164.8	1.5	7.9	21.2	61.0	.19	.52	.08	18	1.01	.133	52.8	20.4	.51	225.7	.005	3	1.11	.011	.30	3.9	2.0	.09	.01	<5	.3	.04	3.3	15
77324	5.41	47.72	11.08	47.3	218	15.5	4.6	380	1.75	149.5	1.0	14.4	10.7	83.9	.12	.32	.08	22	1.05	.174	29.6	30.0	.42	125.9	.004	2	.81	.009	.19	1.0	1.3	.06	.03	<5	.5	.03	2.2	15
77325	2.81	52.43	22.46	93.8	357	47.8	9.2	630	2.28	141.1	1.0	51.0	6.1	56.6	.54	.39	.20	31	.73	.057	17.6	94.2	.79	295.8	.007	2	1.07	.007	.23	5.1	2.2	.06	.04	<5	1.5	.08	3.4	15
77326	4.18	32.62	23.38	68.6	208	21.8	8.0	786	2.24	66.5	1.2	17.2	12.4	30.7	.51	.35	.14	16	.46	.058	36.1	25.0	.49	145.9	.006	2	1.09	.018	.27	.6	1.9	.07	.04	11	.4	.13	3.3	15
77327	1.06	44.25	84.41	87.9	617	9.4	4.8	516	2.31	219.4	2.0	195.6	20.8	35.0	.62	.53	.46	7	.37	.073	51.3	21.1	.39	185.3	.002	2	.95	.024	.29	2.5	1.2	.07	.07	15	1.2	.09	3.4	15
77328	4.65	31.98	25.80	101.1	243	29.2	9.8	636	2.57	129.0	1.6	28.3	17.6	40.1	.72	.53	.15	23	.49	.085	55.9	39.4	.84	202.8	.003	2	1.37	.017	.25	.7	1.9	.06	.01	6	.7	.09	5.6	15
77329	2.78	35.11	16.84	93.0	283	34.4	11.8	714	2.34	105.3	1.0	16.2	5.4	16.1	.58	.44	.25	38	.16	.042	15.6	65.8	.90	124.5	.003	1	1.21	.008	.11	4.9	2.6	.04	.01	8	1.1	.13	3.8	15
77330	6.62	40.27	65.20	75.5	802	33.1	6.8	489	2.04	301.7	1.8	229.2	2.1	22.4	.68	.38	.77	26	.08	.018	7.6	42.3	.43	275.5	.003	1	.65	.006	.16	1.2	2.0	.04	.14	5	1.1	.09	2.5	15
RE 77330	6.57	41.68	63.24	78.0	785	33.0	6.9	487	2.04	300.5	1.8	223.4	2.0	22.8	.70	.40	.76	26	.08	.019	7.5	41.0	.43	275.1	.003	1	.65	.006	.17	1.1	2.1	.04	.14	5	.9	.07	2.5	15
77331	1.69	56.21	21.93	84.6	290	41.0	7.7	429	1.82	219.7	2.5	23.9	6.2	21.2	.31	.48	.10	19	.10	.024	20.8	41.9	.47	253.7	.005	1	.82	.005	.17	6.3	1.5	.05	.06	5	.5	.04	3.0	15
77332	5.76	16.50	22.49	42.6	154	22.2	3.4	356	.82	188.2	.2	9.9	1.2	5.4	.28	.47	.06	4	.13	.011	3.9	27.9	.16	133.9	.001	2	.48	.013	.12	1.7	.4	.05	<.01	8	<.1	.06	.8	15
77333	.64	.83	553.57	3.7	815	<.1	<.1	139	.30	2.4	.5	7.2	.1	231.1	.12	.22	.08	<2	23.90	.008	2.1	6.2	.33	26.4	<.001	<1	.06	.001	.01	1.1	.2	<.02	.01	7	.5	.03	.1	15
77334	1.95	5.31	8.84	13.4	99	5.1	.9	144	.51	16.0	.6	3.2	.3	229.9	.19	.27	.04	5	19.62	.017	2.7	11.0	.38	27.5	.001	1	.25	.002	.05	.5	1.0	<.02	.01	9	.4	.03	.4	15
77335	.92	1.84	8.57	6.3	31	6.8	.4	228	.55	4.0	.7	1.4	.2	275.9	.10	.16	<.02	3	13.93	.010	3.3	12.6	.30	14.9	<.001	<1	.16	.003	.01	2.8	.5	<.02	.01	7	.3	.04	.3	15
77336	1.76	2.25	3.64	8.7	25	6.1	.1	142	.24	1.3	.4	.7	.1	397.7	.16	.12	<.02	2	12.83	.033	2.7	12.2	.11	11.5	<.001	<1	.10	.001	.02	.5	.3	<.02	.01	5	.2	.03	.3	15
77337	.35	3.91	3.36	10.1	141	4.8	.4	95	.30	3.3	.4	.8	.1	245.6	.20	.75	.04	2	19.27	.015	2.1	8.5	.17	15.9	<.001	<1	.08	.003	.02	2.1	.5	<.02	.01	7	.3	.02	.2	15
77338	4.56	8.77	2.75	5.6	28	11.5	1.4	53	.50	8.6	.3	.5	.2	4.7	.01	.15	.05	3	.15	.002	1.3	30.9	.04	11.2	.004	<1	.13	.008	.05	1.8	.2	<.02	<.01	8	.2	<.02	.3	15
77339	2.92	15.54	14.08	11.8	61	9.7	2.2	77	.66	1.2	.8	.3	1.5	10.1	.01	.07	.27	6	.20	.020	5.5	24.9	.13	133.5	.017	1	.44	.053	.15	.9	.4	.04	.03	7	.3	<.02	.9	15
STANDARD DS2	14.47	128.00	34.02	156.5	250	35.7	11.7	813	3.02	60.4	20.0	222.8	3.5	25.8	10.33	9.64	11.19	74	.50	.089	15.0	157.7	.58	146.8	.085	1	1.64	.031	.15	7.9	2.9	1.81	.02	254	2.2	1.88	5.6	15

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

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
77346	1.37	44.05	17.73	49.2	573	22.5	4.0	559	1.54	375.4	.4	79.5	3.8	38.4	.43	2.27	.12	13	1.84	.059	12.4	19.7	.29	105.2	.003	1	.59	.004	.13	3.7	1.2	.05	.01	<5	.3	.06	1.9	15
77347	4.51	43.81	11.11	82.4	624	31.9	7.9	495	1.95	877.3	.6	88.1	4.8	11.1	1.74	6.23	.13	19	.24	.043	16.4	34.7	.36	177.9	.003	3	.71	.007	.18	6.0	1.6	.06	<.01	<5	.3	.10	2.8	15
77348	1.97	36.20	34.07	25.4	461	31.4	9.3	603	1.81	2369.4	.9	111.0	5.4	19.5	.22	8.44	.12	13	.48	.043	17.4	23.5	.16	103.9	.001	2	.50	.005	.15	4.4	2.4	.07	<.01	6	.4	.06	1.2	15
77349	2.90	28.25	17.16	37.7	336	30.7	7.1	654	2.33	560.3	.8	46.4	6.2	46.9	.27	1.29	.22	14	1.34	.049	19.3	22.3	.62	142.3	.002	3	1.01	.005	.18	3.7	2.0	.05	<.01	<5	.4	.05	2.9	15
77350	1.96	36.50	17.40	53.6	398	24.2	5.1	1570	3.77	384.3	1.0	65.6	5.0	81.1	.48	2.00	.30	15	4.71	.054	19.3	22.4	.41	127.0	.002	3	.71	.004	.14	3.6	1.9	.06	.02	<5	.6	.05	2.3	15
77351	2.97	36.56	8.95	30.7	296	28.2	7.6	693	2.10	269.8	.7	17.1	8.7	34.4	.24	.90	.11	12	1.70	.040	25.8	24.7	.52	131.9	.003	3	.96	.006	.19	4.1	1.9	.05	<.01	<5	.3	.08	2.3	15
77352	2.00	3.20	13.03	21.3	93	12.8	.4	769	1.62	31.3	1.2	5.2	.4	127.7	.18	.72	.05	3	3.06	.034	2.8	33.4	.40	19.2	.001	<1	.38	.002	.01	5.0	1.1	<.02	.05	<5	.1	.02	1.1	15
77353	2.05	7.36	14.62	178.0	212	6.7	1.1	4610	9.45	351.6	4.3	8.3	.6	242.9	2.11	.61	.02	15	15.73	.056	8.6	23.1	.65	148.6	.001	<1	.52	.002	<.01	1.7	1.2	.04	.03	<5	1.1	.05	1.6	15
77354	1.64	1.85	13.23	32.4	69	8.3	1.4	2828	6.12	127.0	1.3	3.0	.4	426.8	.25	.46	.06	3	9.94	.029	6.8	15.1	1.25	27.7	.001	1	.18	.003	.01	3.0	.9	<.02	.04	<5	.1	.06	.7	15
77355	3.85	40.56	6.81	21.5	208	35.9	11.1	729	1.51	114.1	.5	9.6	2.9	31.8	.19	.46	.07	5	1.32	.041	12.3	26.7	.27	144.4	.001	4	.52	.005	.13	5.6	2.5	.04	.02	<5	<.1	.05	1.4	15
77356	1.87	11.38	8.24	30.1	112	29.1	8.9	2045	3.55	231.3	1.0	5.2	2.0	120.9	.26	.84	.08	11	6.83	.037	10.3	15.5	.45	150.3	.001	2	.67	.002	.08	3.2	2.7	.04	.01	<5	.4	.05	1.7	15
77357	3.75	4.05	63.93	296.5	129	8.9	.6	1950	3.90	88.4	.8	6.3	.3	175.0	2.73	.46	.16	2	6.93	.019	3.5	27.3	.68	25.6	<.001	1	.21	.002	<.01	4.6	.8	<.02	.04	8	.4	.03	1.0	15
77358	1.86	7.36	2.19	5.2	124	7.5	1.5	292	.51	133.5	<.1	8.3	.4	7.4	.06	.58	.02	2	.35	.001	1.6	28.6	.05	15.9	<.001	1	.08	.003	.02	6.5	.3	<.02	<.01	<5	<.1	<.02	.2	15
RE 77358	1.78	7.03	2.00	5.3	117	7.2	1.7	285	.50	130.7	<.1	7.6	.4	6.9	.05	.56	.02	2	.34	.001	1.6	28.2	.04	15.4	<.001	1	.07	.003	.02	6.4	.3	<.02	.01	<5	<.1	.02	.2	15
STANDARD DS2	14.27	124.21	31.34	155.2	267	34.6	11.7	802	2.98	55.6	18.6	206.5	3.4	26.6	10.27	9.51	10.64	70	.52	.090	15.4	153.4	.58	145.3	.084	2	1.64	.028	.15	6.8	2.8	1.76	.02	226	2.2	1.84	5.5	15

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

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

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT FLUME File # A002935 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg Kulla

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64652	9.23	9.96	5.02	7.5	80	5.4	.7	46	1.11	1241.1	.4	24.9	1.7	19.4	.12	1.11	.10	6	.01	.013	6.7	18.2	.03	731.4	.002	2	.13	.016	.11	4.9	.5	.02	.09	9	8.5	.09	.4	15
64657	1.14	1.93	7.18	17.5	28	3.0	.8	72	.67	8.4	.4	5.4	.6	23.8	.01	.22	.03	15	.02	.010	4.5	10.0	.11	90.9	.002	1	.28	.028	.14	3.3	.4	.02	.01	7	.3	.02	1.6	15
64658	4.02	2.79	2.38	14.5	41	4.9	1.0	234	.66	16.8	.3	7.4	1.5	20.4	.03	.20	<.02	9	.01	.004	4.2	29.7	.04	126.5	.001	1	.28	.012	.11	6.4	.3	.03	<.01	5	.1	<.02	1.4	15
64666	20.69	122.65	14.48	362.5	262	108.7	7.8	132	10.58	3351.7	4.7	26.5	1.1	99.2	2.61	10.63	.21	64	.02	.151	3.0	16.5	.03	429.1	.004	2	.42	.028	.45	2.7	2.7	.15	.69	12	4.0	.18	1.4	15
64668	3.91	29.09	1.13	3.4	149	5.6	1.0	34	.89	1770.7	.1	51.0	.3	5.2	.04	.76	.03	2	<.01	.025	2.9	26.5	.01	78.6	.001	<1	.04	.013	.03	6.7	.3	<.02	.17	5	2.1	.06	.2	15
70683	1.67	12.65	22.69	63.8	91	13.5	4.4	188	.90	67.2	.3	3.7	3.9	14.8	.39	.66	.10	9	.09	.033	6.0	21.2	.19	375.4	.013	1	.43	.024	.19	5.0	.7	.04	.01	7	.3	.02	1.7	15
70684	4.74	30.02	20.00	50.2	324	12.6	5.8	248	1.15	87.9	.8	14.0	6.5	3.0	.27	.36	.07	12	.02	.009	16.7	28.2	.19	83.3	.003	14	.42	.011	.09	4.6	.9	.03	.03	<5	.7	.05	1.2	15
70685	.97	3.51	19.08	15.8	58	5.1	1.4	139	.24	17.4	.2	5.1	1.1	5.1	.35	.13	.05	3	.05	.016	2.1	8.3	.04	151.3	.002	1	.28	.036	.17	3.0	.4	.03	<.01	<5	<.1	<.02	.4	15
70686	4.78	51.79	41.18	244.9	263	50.6	14.0	416	1.99	94.7	.8	8.5	3.6	24.1	1.45	.90	.15	59	.68	.127	11.3	72.7	.58	522.1	.087	2	1.10	.011	.17	3.9	3.0	.06	<.01	7	2.1	.11	3.1	15
70687	.96	5.46	20.16	76.6	45	9.4	5.2	318	1.77	2.6	1.2	1.9	28.4	38.7	.59	.25	.04	16	.67	.120	37.5	14.9	.72	391.3	.086	1	1.34	.021	.55	1.6	1.5	.20	.02	6	.1	<.02	4.4	15
70689	30.70	30.99	26.62	80.1	324	50.5	2.5	165	1.13	181.5	2.5	11.6	2.4	38.7	.39	.83	.23	258	.68	.317	10.5	51.6	.18	184.5	.005	2	.47	.003	.16	5.7	1.3	.04	.01	11	1.9	.05	2.0	15
70690	4.72	57.98	40.06	247.3	155	40.4	8.7	373	1.91	285.9	1.2	18.8	4.9	11.0	1.16	.61	.16	44	.29	.132	14.0	34.9	.56	321.1	.009	1	.86	.005	.15	3.6	1.6	.04	<.01	<5	1.2	.08	2.3	15
70693	2.80	5.15	22.11	11.1	55	4.7	1.9	155	.31	19.6	.2	2.7	1.1	8.7	.14	.14	.02	4	.06	.018	3.0	13.1	.05	139.7	.001	2	.29	.055	.13	4.8	.3	.03	<.01	<5	<.1	<.02	.7	15
70694	1.19	15.35	5.78	51.2	59	12.6	15.4	468	2.38	39.3	.5	2.8	5.5	34.6	.29	.53	.04	59	.83	.152	14.0	31.7	1.28	497.7	.153	2	1.51	.037	.36	3.1	4.8	.08	.02	<5	.1	.02	4.8	15
75817	4.46	38.48	371.02	91.7	605	8.0	2.0	195	1.30	1875.0	.9	178.5	2.2	52.4	.82	.71	.15	22	.18	.101	7.1	25.7	.26	435.6	.004	2	.48	.003	.13	5.5	1.1	.04	.04	<5	.7	.04	1.7	15
75818	1.68	12.87	30.48	31.9	44	9.5	3.4	328	.75	72.2	.3	15.8	2.3	3.0	.17	.23	.04	7	.04	.013	4.8	16.7	.16	81.4	.004	1	.32	.006	.07	5.4	.6	.02	<.01	<5	<.1	.03	.9	15
75819	2.23	8.01	20.64	99.2	59	15.6	7.5	471	1.87	29.0	1.0	4.1	33.6	17.7	.77	.30	.05	21	.32	.132	36.7	22.1	.69	466.3	.050	3	1.48	.041	.42	2.6	2.3	.10	<.01	<5	<.1	.02	5.3	15
76659	1.54	10.23	19.62	136.6	89	5.1	4.0	336	1.21	1097.7	1.9	20.1	32.8	36.1	1.46	.76	.11	4	.60	.060	40.6	10.1	.18	235.6	.008	3	.73	.017	.40	2.4	.8	.08	.18	<5	.4	.02	1.5	15
76660	4.75	4.36	2.72	4.5	42	3.7	.5	48	.37	53.3	.2	2.1	.3	1.7	.06	.10	<.02	<2	.01	.001	.6	26.5	.02	10.2	.001	1	.04	.002	.01	7.7	.1	<.02	.01	<5	<.1	<.02	.1	15
76661	2.46	9.76	192.45	151.6	1215	33.1	8.6	179	5.61	40177.8	2.9	848.1	7.5	78.0	2.80	14.54	.79	12	.19	.064	16.9	7.0	.39	102.3	.003	5	.84	.003	.23	4.5	1.1	.08	2.76	27	18.2	.23	2.2	15
76662	6.43	77.96	202.48	339.8	831	27.0	7.8	338	2.98	1559.1	8.7	93.6	14.2	64.4	2.55	1.75	.40	18	.33	.102	32.5	22.9	.49	325.7	.003	3	1.05	.003	.25	3.8	1.9	.06	.19	<5	3.1	.09	2.3	15
76663	1.60	3.69	21.68	4.7	146	3.9	.4	44	.42	166.7	<.1	11.2	.4	16.3	.08	.54	.02	2	.01	.002	1.8	17.1	.01	2190.4	.001	1	.04	.002	.04	6.6	.2	.02	.08	<5	.2	<.02	.2	15
RE 76663	1.59	3.74	20.90	4.8	146	3.8	.4	44	.42	165.5	<.1	10.0	.4	15.4	.07	.50	.02	2	.01	.002	1.8	16.8	.01	1918.7	.001	1	.05	.002	.04	6.4	.1	<.02	.07	<5	.3	<.02	.2	15
76664	1.31	20.17	10.83	50.7	141	21.8	12.3	973	2.28	1067.0	1.6	26.1	18.1	231.9	.32	.91	.05	8	2.62	.134	32.1	13.6	.91	292.7	.024	4	.99	.023	.54	1.6	2.0	.10	.09	<5	.3	.04	1.4	15
76665	.99	5.33	2.38	56.7	76	3.7	2.9	782	2.12	5.2	.3	170.0	4.7	10.7	.16	.07	.05	10	.12	.015	22.8	8.9	.43	279.7	.004	3	1.00	.037	.12	2.2	2.7	.03	<.01	<5	<.1	<.02	3.8	15
76666	4.74	2.92	.92	3.7	8	3.5	.5	137	.41	7.8	<.1	10.0	.1	3.1	.01	.05	<.02	2	.02	.001	.7	27.2	.03	42.4	.001	1	.07	.006	.02	7.9	.1	<.02	<.01	<5	<.1	<.02	.3	15
76667	4.68	23.25	5.74	1.8	169	3.6	7.1	57	1.23	18.0	2.3	5.3	.2	4.9	.01	.42	.07	3	.01	.002	.7	20.6	.01	12.8	.001	1	.04	.004	.01	12.7	.1	<.02	.02	<5	.3	.09	.4	15
76668	3.86	4.67	4.60	19.6	30	8.9	1.5	201	.61	11.7	.5	2.1	.5	11.1	.13	.11	.06	4	.08	.008	2.0	25.0	.20	108.5	.001	1	.33	.034	.05	6.6	.4	<.02	<.01	<5	<.1	<.02	1.0	15
76669	1.90	4.23	4.47	1.1	177	4.6	.4	50	.59	3358.4	<.1	112.6	<.1	7.0	.02	1.63	.06	<2	.01	<.001	<.5	22.0	<.01	16.2	<.001	<1	.01	.002	<.01	7.6	.1	<.02	.05	<5	.9	<.02	.1	15
76670	3.32	11.40	22.11	17.7	588	5.0	1.7	76	.92	3983.3	2.4	59.9	6.6	15.9	.51	10.82	.14	2	.06	.005	11.1	21.6	.04	637.0	.001	2	.16	.004	.10	5.5	.3	.03	.29	5	1.9	.02	.4	15
76671	2.05	5.53	14.83	15.9	32	8.1	3.3	681	1.51	48.5	.4	4.9	1.7	10.1	.09	.20	.04	5	.02	.010	3.0	16.9	.01	102.8	.002	1	.22	.033	.04	5.3	1.7	<.02	<.01	<5	.3	.02	.3	15
76672	4.50	2.65	478.14	4.0	2411	4.0	.8	60	.57	27.6	<.1	5.9	.1	6.3	.04	.28	5.88	<2	.04	.001	5.7	27.6	<.01	22.4	<.001	1	.02	.002	.02	7.4	.1	<.02	.07	<5	.6	.04	.1	15
76673	1.46	3.51	4.72	12.2	16	7.7	1.3	265	1.11	72.0	.6	1.5	8.5	5.0	.07	.09	.04	3	.02	.007	15.6	17.6	.01	79.2	.004	<1	.22	.030	.05	4.4	2.0	<.02	.01	<5	<.1	<.02	.2	15
STANDARD DS2	14.45	127.56	35.13	161.3	262	34.7	11.5	822	3.05	58.6	19.4	220.0	3.4	25.8	10.28	9.96	11.36	74	.49	.092	15.1	156.0	.58	147.5	.086	2	1.62	.026	.15	8.6	2.6	1.84	.02	238	2.4	1.91	5.5	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 8 2000 **DATE REPORT MAILED:** Aug 24/00 **SIGNED BY**.....C. Leong.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76674	5.18	26.50	3.99	10.9	29	10.8	3.1	61	.92	23.2	.4	.8	.9	3.9	<.01	.40	.03	9	.03	.014	3.8	53.9	.11	61.0	.033	4	.43	.006	.13	7.4	.6	.02	.01	<5	<.1	.04	1.0	15
76675	1.78	4.41	3919.81	1.3	19997	4.5	.4	43	.38	7.8	<.1	28.1	.2	2.9	.17	.14	37.92	2	<.01	<.001	.6	45.6	<.01	5.6	.001	4	.02	.002	<.01	7.0	.1	<.02	.02	<5	1.6	.10	.1	15
76676	2.59	7.86	27.99	66.4	146	17.0	9.7	438	2.44	218.6	1.1	2.1	10.7	380.0	.05	.31	.32	50	.97	.084	26.9	32.6	.45	70.4	.080	2	1.00	.048	.10	5.3	2.4	<.02	.01	<5	<.1	.03	6.8	15
76732	.98	2.78	19.45	33.4	139	2.5	1.3	95	1.25	3.8	.4	1.2	7.3	19.3	.02	<.02	.37	<2	.14	.021	21.7	12.3	.11	195.2	.043	3	.69	.049	.25	2.7	1.7	.04	<.01	<5	<.1	<.02	1.4	15
76740	1.95	2.34	12.69	8.9	19	3.2	5.0	85	1.03	4.4	1.2	1.8	20.1	30.5	.02	<.02	.07	<2	.29	.018	13.9	27.7	.01	22.6	.012	<1	.68	.086	.02	3.5	.3	<.02	.66	7	.5	<.02	.2	15
76800	2.39	19.27	7.33	7.3	76	3.4	.6	29	.79	463.2	1.7	24.5	14.2	16.4	.19	.24	.34	3	<.01	.024	34.4	15.4	<.01	746.0	016	3	.77	.034	.58	3.2	1.4	.04	.06	<5	2.9	.06	.5	15
76830	1.50	44.80	30.97	53.8	194	6.1	9.3	941	2.97	7.6	.6	2.4	3.8	179.9	.13	11.60	.23	39	2.29	.024	10.0	19.1	.80	1263.4	.047	5	.94	.033	.30	1.9	11.4	.04	.35	56	.6	<.02	.4	15
RE 76830	1.56	45.42	31.61	54.0	198	6.0	9.2	955	3.01	8.3	.6	1.5	3.8	188.3	.14	11.64	.24	38	2.32	.025	9.9	18.5	.82	1298.9	.046	5	.95	.035	.30	1.9	11.7	.04	.37	63	.6	.02	.4	15
STANDARD DS2	14.32	130.40	33.79	160.8	272	34.1	12.1	823	3.06	59.2	18.7	206.0	3.5	27.8	10.44	9.73	11.34	73	.51	.092	15.6	161.3	.59	153.4	.092	1	1.68	.026	.16	7.4	2.8	1.92	.03	253	2.3	1.91	6.1	15

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

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

Data__ FA ____

[redacted]CME[redacted]LYT[redacted]. LA[redacted]ATO[redacted] LT[redacted] [redacted]E. [redacted]TIN[redacted]T. [redacted]OUV[redacted]C [redacted]1R[redacted] P[redacted](60[redacted]53-3[redacted] FA[redacted](604)2[redacted]1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002961

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg Kulla

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
64670	1.86	21.74	15.47	80.2	154	18.0	6.2	240	1.80	129.6	1.4	6.5	2.5	47.5	.33	.58	.16	37	.37	.071	11.1	19.1	.51	268.3	.043	2	1.01	.011	.08	1.1	2.1	.09	.04	34	.9	.03	3.5	7.5
76679	.82	20.50	11.44	126.9	74	26.5	11.7	563	2.04	16.6	1.2	3.6	3.8	103.0	.30	.36	.09	43	.57	.074	13.8	22.5	.60	216.0	.054	2	1.01	.015	.08	<.2	2.3	.05	.03	18	.6	.05	3.0	15.0
76680	.99	20.65	15.45	102.7	83	22.6	10.5	520	2.16	19.8	1.8	1.0	6.5	85.9	.26	.44	.11	45	.55	.091	21.0	23.4	.62	268.7	.058	2	1.07	.014	.10	<.2	2.5	.07	.04	23	.6	.03	3.4	15.0
76682	.84	15.70	13.29	73.0	57	17.6	8.9	490	1.88	16.9	1.2	4.6	5.9	68.7	.11	.32	.10	41	.43	.091	17.6	19.0	.51	195.2	.054	2	.91	.012	.08	<.2	2.2	.06	.03	21	.5	.02	2.9	15.0
76805	1.38	24.16	11.71	94.1	101	28.0	13.9	634	2.60	108.5	3.5	6.3	2.9	54.7	.34	.42	.08	57	.57	.115	18.3	35.8	.83	206.5	.066	1	1.14	.021	.12	<.2	2.6	.09	.03	22	.7	.03	3.8	15.0
RE 76805	1.37	24.92	11.89	91.0	107	28.4	13.8	635	2.64	107.2	3.5	4.9	2.9	57.2	.32	.44	.09	58	.58	.118	19.0	34.7	.83	208.1	.067	1	1.15	.020	.12	<.2	2.6	.08	.02	20	.7	.04	3.9	15.0
STANDARD DS2	14.67	125.21	33.62	154.0	260	33.6	11.5	810	3.00	58.5	19.8	205.2	3.5	27.2	10.70	10.12	10.71	75	.51	.089	15.6	153.8	.58	147.3	.087	2	1.66	.027	.16	7.8	2.9	1.81	.02	229	2.5	1.99	5.6	15.0

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT S150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 8 2000 **DATE REPORT MAILED:** Aug 25/00 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data FA

ACME ANALYTICAL LABORATORIES LTD. [redacted] E. HASTINGS ST. VANCOUVER BC V[redacted] 1R6 [redacted] PH [redacted] (604) [redacted] 3-3[redacted] FAX [redacted]) 25[redacted] 716 [redacted]
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT 242 File # A002962

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Greg Kulla

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
76728	.82	17.00	17.19	66.1	90	22.3	12.9	579	2.23	22.4	.9	15.4	4.7	31.2	.15	.41	.15	45	.31	.058	19.9	31.4	.57	154.7	.069	1	1.17	.006	.14	.4	1.9	.12	.02	28	.3	.05	4.1	15
STANDARD	14.67	125.21	33.62	154.0	260	33.6	11.5	810	3.00	58.5	19.8	205.2	3.5	27.2	10.70	10.12	10.71	75	.51	.089	15.6	153.8	.58	147.3	.087	2	1.66	.027	.16	7.8	2.9	1.81	.02	229	2.5	1.99	5.6	15

Standard is STANDARD DS2.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: MOSS MAT SS80

DATE RECEIVED: AUG 8 2000 **DATE REPORT MAILED:** Aug 25/00 **SIGNED BY**.....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data ✓ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT FLUME File # A003780 Page 1

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Ted Archibald

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
79190	.55	14.73	36.39	82.1	138	14.2	4.8	234	1.87	3.4	1.8	4.0	6.7	22.6	.24	.33	.93	40	.25	.032	39.4	25.3	.42	142.9	.039	<1	1.38	.009	.06	.2	2.1	.07	.01	26	<.1	.02	5.8	15
79191	.88	21.94	44.04	73.4	54	26.4	9.4	327	2.86	10.1	.9	3.7	6.8	16.3	.25	.54	.54	68	.17	.021	22.1	39.2	.58	238.9	.046	1	2.27	.008	.05	<.2	3.5	.11	<.01	36	.2	.03	6.3	15
79192	.96	16.63	25.20	66.9	65	22.0	10.1	285	2.93	8.9	.6	3.5	5.2	18.5	.11	.54	.38	73	.18	.014	13.8	39.9	.62	212.1	.068	1	2.43	.009	.04	.2	3.0	.10	.02	13	.1	<.02	6.8	15
79193	1.00	20.18	13.84	57.4	39	21.5	8.3	278	3.04	12.7	.6	1.4	2.5	12.2	.19	.42	.26	74	.11	.025	13.6	35.0	.66	165.1	.086	1	1.87	.006	.11	<.2	2.5	.13	.01	21	.2	.02	8.2	15
79194	1.35	21.17	12.79	51.0	66	16.5	7.5	305	3.79	16.0	.6	.9	4.5	9.7	.10	.60	.23	89	.08	.032	14.7	33.7	.53	134.1	.082	<1	1.94	.006	.06	<.2	2.4	.11	<.01	14	.1	.07	9.4	15
79195	.92	24.27	18.64	64.2	301	26.5	10.6	272	3.12	24.1	.7	16.7	5.6	18.1	.11	.83	.23	71	.17	.011	15.5	44.3	.70	260.0	.049	1	2.63	.009	.05	<.2	3.8	.12	<.01	21	.2	.06	6.2	15
79196	1.02	11.11	11.67	38.6	58	10.3	7.2	220	3.14	10.1	.4	3.9	2.5	13.6	.06	.48	.23	91	.13	.018	10.3	26.0	.49	165.9	.055	<1	1.89	.006	.04	<.2	3.8	.13	<.01	17	<.1	.02	8.4	15
79197	1.04	16.90	11.22	51.3	32	18.0	10.8	313	3.40	10.1	.4	1.3	2.5	15.5	.13	.55	.20	88	.15	.023	10.9	38.8	.75	176.9	.089	1	2.25	.011	.04	<.2	3.7	.10	.01	17	.3	.04	8.5	15
79198	1.28	26.44	26.75	124.2	34	25.1	14.2	546	4.27	17.6	.5	3.8	3.5	20.5	.21	2.49	.22	90	.21	.037	14.2	36.2	.91	231.5	.040	1	2.82	.007	.10	<.2	5.3	.11	.02	24	.4	.05	8.6	15
79199	1.07	10.48	14.53	44.7	34	18.8	9.2	282	3.16	31.7	.5	3.4	2.7	16.1	.14	.85	.59	78	.18	.036	13.4	33.1	.52	176.8	.056	<1	2.06	.008	.05	<.2	3.0	.10	<.01	14	.3	.04	8.0	15
79225	.85	21.57	12.16	48.9	53	18.5	7.5	276	2.33	13.5	.6	2.3	1.6	15.2	.08	.51	.19	56	.17	.028	13.0	30.3	.46	203.4	.056	1	1.60	.008	.04	<.2	2.5	.11	.01	31	.4	.06	5.3	15
79226	1.40	21.51	15.57	71.1	72	24.3	9.0	283	3.24	30.2	.5	2.3	3.5	16.0	.16	.65	.26	76	.20	.031	12.3	40.5	.63	238.4	.055	1	2.21	.007	.06	<.2	2.9	.13	.01	16	.3	.05	7.1	15
79227	.66	27.13	13.86	63.7	82	38.6	13.5	436	2.83	10.6	1.1	9.5	4.6	27.3	.08	.38	.25	63	.44	.057	21.4	56.2	.73	328.4	.075	1	2.03	.011	.06	<.2	3.8	.16	.02	32	.3	.02	5.4	15
79228	2.05	31.14	15.72	68.2	102	24.6	8.0	318	2.77	25.3	.8	2.2	3.9	17.2	.20	.64	.21	74	.25	.035	13.0	33.6	.62	193.9	.082	<1	1.56	.006	.11	<.2	2.6	.12	.02	10	.8	.05	6.7	15
79229	1.44	18.84	12.70	54.0	50	22.3	9.2	345	3.38	12.5	.7	2.3	4.4	13.7	.15	.79	.21	78	.13	.028	12.7	42.0	.53	201.3	.083	1	2.48	.009	.05	<.2	3.8	.11	.02	46	.5	.06	7.0	15
79230	1.30	12.38	13.80	43.0	63	13.9	5.6	197	3.56	10.5	.6	1.1	3.6	13.2	.09	.70	.26	96	.12	.021	12.5	35.2	.43	161.3	.106	<1	1.76	.007	.04	<.2	2.7	.13	.01	20	.3	.06	9.0	15
79231	1.39	13.49	13.37	43.1	57	18.4	7.6	224	3.93	10.3	.7	1.6	4.2	11.9	.10	.81	.25	94	.12	.032	11.1	58.0	.46	163.7	.084	<1	2.57	.007	.04	<.2	3.5	.12	.03	32	.6	.07	9.0	15
79232	1.42	22.00	23.11	80.3	241	47.6	15.0	413	3.81	9.3	.5	1.5	5.3	14.2	.18	.57	.34	100	.14	.036	15.8	178.7	.93	251.9	.107	1	2.83	.009	.10	<.2	3.6	.21	.01	35	.3	.07	10.1	15
79233	1.08	21.85	11.03	53.6	21	27.0	12.7	309	3.38	12.0	.6	2.0	4.0	16.3	.13	.75	.19	75	.15	.022	10.3	42.0	.61	245.7	.094	1	2.24	.010	.05	<.2	3.1	.08	.02	18	.6	.04	6.4	15
79234	1.61	18.87	12.47	54.3	124	35.2	15.8	365	3.36	10.0	.6	1.2	4.6	14.3	.25	.72	.24	86	.13	.023	12.2	45.6	.52	234.3	.094	1	2.59	.010	.05	<.2	3.5	.13	.01	24	.4	.05	7.4	15
79235	2.52	35.35	28.34	85.1	105	22.0	8.7	407	3.51	87.4	1.0	1.7	1.6	23.6	.29	.96	.40	101	.13	.050	15.0	45.8	.63	226.3	.084	<1	1.65	.011	.24	<.2	2.7	.17	.11	18	.8	.11	7.5	15
79236	.77	21.47	26.69	66.3	94	28.0	10.7	393	2.78	21.3	.7	2.1	7.5	15.7	.09	.45	.20	50	.16	.031	19.8	41.9	.71	131.9	.099	<1	1.54	.007	.17	<.2	2.3	.16	.01	19	.3	.04	5.1	15
RE 79244	.78	18.84	20.22	65.2	112	27.5	15.0	463	2.74	10.0	1.6	2.9	4.9	51.7	.15	.48	.20	54	.40	.052	18.7	36.9	.64	198.1	.075	1	1.73	.011	.08	<.2	3.2	.12	.05	51	.4	.02	5.7	15
79240	1.19	23.72	20.19	70.8	76	31.3	11.4	456	2.86	21.1	.8	2.3	5.4	27.5	.18	.45	.17	54	.32	.035	20.5	40.6	.68	188.4	.109	1	1.56	.008	.19	<.2	2.2	.16	.03	23	.2	.03	5.5	15
79241	1.13	22.61	17.34	77.7	112	35.3	14.5	462	2.96	15.2	1.0	1.8	7.4	41.1	.10	.36	.18	54	.45	.037	20.6	46.1	.79	200.3	.127	1	1.76	.009	.29	<.2	3.0	.22	.04	21	.2	.04	6.5	15
79242	1.15	12.11	11.28	27.7	33	8.4	3.3	137	1.65	5.5	.4	1.4	1.0	8.4	.14	.35	.20	67	.07	.032	12.2	15.3	.16	74.2	.079	1	.75	.004	.08	<.2	.9	.10	.02	19	.2	.05	6.5	15
79243	1.31	86.52	32.87	73.1	335	47.5	13.6	231	4.18	25.3	3.4	6.7	11.1	35.0	.28	.59	.31	70	.29	.052	48.7	50.9	.68	227.1	.106	1	2.73	.012	.17	<.2	4.8	.19	.05	64	.7	.08	9.0	15
79244	.79	19.07	20.02	68.1	126	26.1	15.4	477	2.81	10.6	1.6	3.1	5.0	54.1	.14	.48	.21	54	.40	.052	18.5	38.1	.65	204.1	.072	<1	1.76	.012	.07	<.2	3.3	.13	.05	41	.3	.05	5.9	15
79500	1.24	23.22	24.70	50.9	59	25.2	8.0	306	2.24	58.6	.6	7.1	.7	18.0	1.24	2.32	.31	55	.28	.033	12.4	27.8	.34	248.8	.027	1	1.75	.011	.05	<.2	2.0	.10	.02	31	.3	.03	5.2	15
79501	1.36	31.22	62.60	58.4	176	21.3	11.7	323	2.91	10.9	1.0	6.9	4.8	24.9	.08	.67	1.24	53	.52	.055	17.8	32.4	.56	323.8	.035	1	1.64	.011	.05	<.2	3.9	.07	.02	55	.4	.05	4.9	15
79502	.67	23.95	15.00	59.3	107	25.1	10.0	217	2.57	11.3	.7	8.7	3.6	22.8	.14	.66	.21	64	.34	.032	14.9	37.4	.58	319.7	.065	<1	1.81	.012	.04	<.2	4.7	.07	.02	41	.3	.03	5.4	15
79503	.80	29.09	20.61	64.7	129	31.7	12.7	636	2.90	9.0	.9	6.7	4.2	35.2	.11	.59	.36	70	.64	.029	22.7	41.2	.81	333.2	.060	1	2.05	.019	.05	<.2	6.0	.07	.02	57	.4	.05	6.2	15
79504	.66	20.77	15.30	62.6	68	27.5	10.4	259	3.13	11.4	.4	1.4	2.8	22.5	.13	.45	.22	78	.36	.025	10.3	39.5	.62	295.4	.052	1	2.35	.010	.04	<.2	3.2	.10	.01	20	.3	.03	7.1	15
79505	.84	10.58	12.22	36.6	139	14.6	6.4	196	2.23	5.3	.4	1.4	1.6	14.5	.14	.33	.21	59	.16	.028	10.8	24.0	.37	210.1	.038	1	1.59	.008	.04	<.2	2.2	.10	.01	21	.2	<.02	6.2	15
STANDARD DS2	14.31	131.96	34.76	157.7	266	36.1	12.1	849	3.14	59.3	19.3	207.7	3.5	27.2	10.54	9.68	11.25	74	.52	.087	15.5	161.4	.61	168.5	.086	1	1.67	.031	.15	7.9	3.0	1.91	.03	245	2.4	1.94	6.0	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SOIL SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 26 2000 **DATE REPORT MAILED:** Oct 12/00 **SIGNED BY:** D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
79506	1.08	11.47	14.12	46.7	136	11.5	5.8	230	2.83	7.1	.4	3.6	2.9	10.9	.12	.41	.24	79	.11	.027	10.2	26.9	.42	164.6	.065	1	1.74	.006	.04	<.2	2.7	.09	<.01	14	.2	.03	8.0	15
79507	1.79	10.49	18.25	48.5	170	13.5	6.5	259	3.40	10.5	.4	1.9	2.7	9.9	.13	.54	.30	86	.11	.033	9.6	34.2	.36	172.5	.056	1	1.86	.008	.04	.2	2.1	.09	.01	20	.3	<.02	8.4	15
79508	.54	16.40	11.95	42.9	28	25.4	7.9	199	2.32	6.4	.6	3.5	3.4	12.2	.05	.44	.15	54	.16	.028	12.2	34.1	.60	153.0	.050	<1	1.76	.007	.03	<.2	2.7	.06	<.01	20	.3	<.02	5.0	15
79509	1.09	13.40	9.78	42.6	31	16.7	6.8	196	2.70	9.9	.4	1.2	2.0	13.1	.09	.46	.21	71	.16	.021	10.3	30.5	.46	152.3	.058	<1	1.79	.007	.04	<.2	2.6	.08	<.01	14	.3	.02	6.3	15
79510	.94	24.72	10.69	56.7	27	28.9	10.3	297	2.94	15.0	.5	3.9	3.6	14.4	.07	.57	.19	67	.17	.023	11.5	39.1	.60	204.6	.071	1	2.02	.008	.04	<.2	3.1	.07	<.01	9	.3	.02	5.5	15
79511	1.29	14.48	13.09	51.2	32	16.8	7.0	215	2.95	24.6	.5	2.6	2.6	11.9	.11	.53	.30	72	.13	.027	12.8	32.3	.47	157.1	.055	1	1.82	.006	.05	<.2	2.4	.09	<.01	22	.3	<.02	6.6	15
79512	.80	23.63	10.76	56.4	52	20.3	8.1	234	2.69	33.1	.9	2.4	4.5	13.4	.07	.72	.19	51	.14	.023	19.9	29.1	.41	173.8	.053	<1	1.39	.009	.04	<.2	3.0	.06	<.01	20	.3	.03	3.7	15
79513	.83	25.47	11.94	55.9	33	22.5	9.2	256	2.54	22.2	1.0	2.4	5.3	14.8	.08	.71	.22	48	.15	.020	22.0	26.5	.39	186.5	.051	<1	1.23	.007	.04	<.2	3.0	.06	<.01	25	.3	.03	3.3	15
79514	1.10	20.11	9.78	52.6	31	26.1	14.6	360	3.57	13.2	.6	1.7	3.4	12.5	.07	.63	.17	69	.13	.033	9.6	41.2	.56	214.8	.062	1	2.63	.009	.05	<.2	3.8	.09	.01	23	.5	.03	6.0	15
79515	.79	12.53	11.88	28.3	28	10.7	4.0	94	2.13	10.3	.5	2.0	1.1	12.0	.06	.39	.20	61	.11	.077	13.1	23.8	.26	129.9	.049	1	1.45	.006	.04	<.2	2.2	.10	.01	23	.3	.04	6.9	15
79516	.79	29.45	12.13	75.8	56	28.0	10.5	428	2.91	26.4	.9	.2	7.2	19.2	.02	1.05	.09	50	.24	.047	26.2	28.3	.41	232.1	.061	1	1.19	.008	.06	<.2	3.5	.07	<.01	18	.4	.02	3.3	15
79517	1.06	18.08	11.36	52.2	27	21.4	8.7	238	3.30	17.2	.5	2.4	2.6	11.2	.12	.71	.19	73	.14	.025	10.8	34.9	.48	157.3	.073	1	1.94	.007	.05	<.2	2.4	.08	<.01	25	.4	.03	6.3	15
79518	1.79	20.21	13.31	63.4	27	19.6	9.5	347	3.07	18.5	.8	4.6	1.5	11.8	.16	.68	.25	66	.13	.086	11.8	36.1	.46	149.7	.049	1	1.81	.007	.05	<.2	2.3	.10	<.01	19	.7	.03	6.1	15
79519	1.56	19.34	13.33	68.8	36	16.6	10.9	502	4.89	123.9	.5	3.4	2.5	10.4	.13	1.02	.28	97	.11	.049	11.3	34.0	.53	142.9	.087	<1	1.90	.005	.08	<.2	3.3	.09	<.01	22	.4	.05	8.6	15
79520	1.15	15.44	15.98	57.7	46	17.3	7.1	227	2.90	97.1	.5	5.0	3.9	10.8	.10	.60	.38	68	.12	.035	13.2	31.4	.46	132.3	.063	<1	1.71	.005	.07	<.2	2.3	.10	.01	17	.4	.03	6.4	15
79521	1.25	17.69	17.38	54.1	46	18.2	8.3	289	2.87	43.8	.5	8.9	1.2	12.1	.14	.54	.39	80	.13	.060	10.5	40.8	.65	145.2	.062	1	1.86	.007	.07	<.2	2.7	.11	.01	22	.2	.03	7.3	15
79522	1.49	25.43	16.20	72.4	62	23.9	8.3	265	3.48	62.8	.6	5.9	5.3	8.6	.09	.67	.32	78	.08	.022	15.6	35.0	.58	136.1	.033	<1	2.17	.004	.08	<.2	2.6	.13	.01	13	.5	.07	6.7	15
79523	1.01	19.69	11.28	65.6	23	26.7	11.9	318	4.17	30.9	.4	3.8	2.9	10.1	.03	.66	.19	81	.12	.023	8.4	46.0	.78	159.0	.076	1	2.39	.006	.06	<.2	3.2	.10	<.01	20	.4	.02	6.9	15
79524	.82	26.79	15.39	77.0	35	38.2	15.4	479	4.43	17.9	.3	1.3	2.7	10.2	.07	.66	.18	92	.15	.029	6.8	87.3	1.39	175.2	.119	1	3.05	.005	.17	<.2	3.4	.15	.02	14	.3	.02	7.2	15
79525	1.61	22.74	13.62	53.9	289	21.9	9.2	264	3.55	227.8	.8	1.5	6.4	22.0	.13	1.04	.31	67	.09	.042	21.8	33.2	.39	166.0	.043	1	2.07	.006	.09	.2	2.3	.11	.07	34	.4	.08	6.4	15
RE 79525	1.55	23.31	13.76	51.0	304	22.3	9.3	261	3.54	224.0	.8	1.5	6.4	21.7	.16	1.07	.32	66	.09	.040	21.4	32.9	.38	165.0	.041	1	2.01	.006	.09	<.2	2.2	.11	.06	39	.4	.05	6.4	15
79526	1.24	21.83	14.79	53.3	39	28.3	10.0	332	3.48	20.1	.6	3.0	4.9	12.3	.08	.73	.22	63	.13	.022	12.2	36.3	.78	181.1	.080	1	2.25	.006	.09	<.2	2.4	.12	.01	19	.5	.03	6.3	15
79527	1.37	18.86	12.62	58.3	26	24.5	8.5	218	3.19	44.1	.6	5.2	2.9	11.1	.17	.85	.20	79	.11	.024	9.6	37.3	.50	283.6	.066	2	1.96	.006	.04	.2	2.6	.09	<.01	33	.4	.02	6.9	15
79528	1.33	11.53	13.49	46.1	77	13.6	6.4	253	4.69	12.5	.4	2.1	2.9	11.1	.15	.71	.19	94	.11	.035	9.1	37.4	.46	109.7	.114	1	1.56	.006	.04	<.2	2.2	.08	.01	21	.4	.06	8.5	15
79529	1.65	23.69	30.45	64.6	25	22.4	8.1	355	4.40	28.8	.7	.9	5.8	10.3	.08	.81	.40	97	.06	.039	12.1	53.9	.68	80.6	.131	1	1.72	.004	.09	<.2	2.6	.12	<.01	12	.4	.06	9.2	15
79530	1.76	18.25	17.00	58.6	38	30.8	6.8	291	3.20	27.7	.7	.8	3.2	11.7	.15	.66	.30	90	.09	.034	10.7	53.1	.63	77.4	.120	1	1.51	.005	.09	<.2	2.2	.12	<.01	22	.3	.02	8.1	15
79531	1.29	25.01	31.30	86.9	60	33.6	12.9	483	3.56	28.4	.9	2.1	7.1	17.0	.13	.60	.30	74	.20	.047	16.4	71.9	1.04	164.6	.125	1	2.15	.007	.18	<.2	2.8	.16	.01	17	.5	.03	7.0	15
79532	1.31	21.11	33.30	74.4	95	32.2	12.1	549	3.23	16.0	.6	1.2	4.5	15.5	.11	.44	.27	71	.18	.038	12.6	48.9	.74	149.3	.126	1	1.91	.008	.20	<.2	2.3	.17	.02	20	.3	.04	7.8	15
79533	1.05	28.49	39.82	55.4	271	30.4	12.4	732	2.21	7.4	.8	<.2	1.3	31.1	.50	.39	.26	52	.31	.065	20.3	32.6	.34	276.5	.070	1	1.17	.011	.13	<.2	1.9	.10	.02	30	.2	.02	5.8	15
79534	.54	22.58	19.69	72.8	39	33.1	10.5	317	2.78	18.9	.8	.7	7.1	20.5	.07	.48	.14	45	.28	.047	22.7	41.4	.83	155.1	.095	1	1.60	.006	.19	<.2	2.1	.15	<.01	22	.2	<.02	5.2	15
79535	.80	21.79	20.93	69.4	222	37.0	9.8	219	2.80	12.7	1.0	4.8	4.3	18.1	.13	.44	.20	56	.19	.050	17.2	53.8	.73	214.7	.078	1	2.03	.007	.10	<.2	2.8	.15	.04	73	.4	.02	6.9	15
79536	.80	15.52	20.14	73.6	98	27.5	10.7	345	2.77	19.0	.6	2.6	5.7	18.4	.07	.41	.19	56	.21	.039	15.8	46.3	.76	158.7	.092	1	1.84	.007	.11	<.2	2.4	.12	.02	27	.3	<.02	6.6	15
79537	1.20	22.84	15.38	65.3	85	25.7	9.4	303	2.59	22.6	.7	2.4	3.3	17.8	.12	.48	.19	62	.15	.041	14.8	37.0	.58	93.8	.063	1	1.30	.006	.10	<.2	1.9	.12	.04	26	.3	.06	6.5	15
79538	.77	17.70	8.16	43.9	66	27.8	12.9	224	4.50	11.9	.5	<.2	1.2	18.7	.09	.45	.11	108	.07	.053	7.1	48.8	.84	54.9	.024	1	2.08	.012	.05	<.2	2.6	.12	.03	47	.3	.04	9.7	15
STANDARD DS2	13.87	131.80	33.94	158.9	260	34.5	11.4	851	3.15	57.6	19.5	199.3	3.5	26.7	10.38	9.66	11.17	74	.52	.093	14.7	162.1	.61	158.4	.086	2	1.70	.031	.15	7.8	2.9	1.83	.03	241	2.3	1.90	5.8	15

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

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

Data___ FA ____

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.) 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT FLUME File # A003778

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Ted Archibald

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
79219	6.42	17.37	29.23	58.0	57	12.3	8.2	214	2.08	1.6	.2	6.0	2.3	2.7	.01	.13	.11	5	.05	.011	6.9	28.7	.37	15.8	.003	1	.72	.005	.10	7.6	1.4	.02	.02	<5	.1	<.02	1.9	15
79220	4.13	7.28	86.67	12.4	426	6.7	2.0	850	1.15	1.4	.2	23.7	1.9	5.9	.20	.14	1.40	<2	.51	.016	4.8	26.7	.09	15.5	.001	1	.19	.007	.07	6.5	.6	<.02	.02	<5	<.1	.02	.3	15
79221	4.36	2.41	476.11	140.4	12902	3.0	18.9	1927	6.55	9.0	.8	5072.7	2.4	132.4	.62	.18	1.07	44	3.36	.514	26.2	5.0	1.41	258.9	.021	1	1.47	.039	.04	1.0	6.5	<.02	.07	2508	.2	8.85	10.1	15
79222	1.60	3.58	12.22	153.2	249	3.5	17.1	1654	5.97	1.7	.4	45.1	4.0	144.4	.24	.22	.05	44	3.13	.600	46.4	5.0	1.96	182.5	.030	<1	2.17	.038	.05	.7	4.7	<.02	.02	11	.1	.16	14.9	15
79223	5.13	37.69	7172.74	1.1	72498	2.4	.6	48	.73	1.2	.2	10225.5	.1	5.2	.66	.46	89.83	<2	.03	<.001	<.5	31.1	<.01	37.2	<.001	<1	.01	.004	<.01	9.9	.2	<.02	.11	776	4.5	9.03	.2	15
79224	5.05	24.38	2559.59	2.1	50808	3.2	.9	50	.82	2.6	<.1	9045.5	.4	19.0	.13	1.03	63.49	2	.01	.002	1.4	33.7	.01	1600.6	.001	<1	.06	.002	.03	10.7	.2	<.02	.09	666	1.5	15.29	.1	15
RE 79224	5.14	24.65	2575.61	2.2	51858	3.1	.8	53	.83	2.7	<.1	9692.3	.4	18.6	.12	1.02	64.87	2	<.01	.002	1.5	34.6	.01	1554.7	.001	<1	.06	.002	.03	10.8	.1	<.02	.09	675	1.4	16.20	.1	15
STANDARD DS2	13.80	125.18	34.00	155.7	270	39.2	11.9	820	3.07	61.2	18.1	215.7	3.4	26.1	10.45	9.32	10.41	74	.52	.086	15.2	160.4	.60	157.7	.093	1	1.69	.031	.16	7.0	2.9	1.82	.04	223	2.3	1.89	5.7	15

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK R150 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 26 2000 **DATE REPORT MAILED:** Oct 12/00 **SIGNED BY.** C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Phelps Dodge Corp. PROJECT FLUME File # A003779

1409 - 409 Granville St., Vancouver BC V6T 1T2 Submitted by: Ted Archibald

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Sc ppm	Tl ppm	S %	Hg ppb	Se ppm	Te ppm	Ga ppm	Sample gm
79245	.42	14.87	5.89	57.9	67	12.4	8.2	442	2.09	3.1	.6	8.7	2.9	31.2	.13	.48	.11	42	.58	.061	11.8	24.2	.59	215.1	.062	1	1.34	.013	.06	<.2	2.9	.05	.01	29	.3	<.02	4.8	15
79246	1.09	21.56	7.78	71.4	92	17.4	10.2	577	2.33	7.1	2.8	2.3	3.7	40.3	.26	.63	.13	46	.75	.073	15.7	24.4	.65	189.1	.065	1	1.32	.019	.08	.2	3.0	.06	.03	29	.4	.04	4.5	15
RE 79246	1.10	21.56	7.92	69.9	97	17.9	10.5	567	2.26	7.0	2.8	2.1	3.5	39.5	.30	.62	.14	44	.73	.072	15.5	23.4	.63	185.2	.064	1	1.29	.019	.07	<.2	2.7	.06	.03	37	.5	.05	4.4	15
STANDARD	14.81	132.07	33.66	163.0	274	37.8	12.9	855	3.15	61.5	19.7	191.7	3.6	27.7	10.53	9.70	11.26	73	.53	.097	14.8	159.7	.61	162.7	.087	2	1.72	.032	.15	7.8	3.1	1.86	.03	236	2.3	1.96	5.9	15

Standard is STANDARD DS2.

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.

UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.

- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 26 2000 **DATE REPORT MAILED:** Oct 15/00 **SIGNED BY** .....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

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

Data___ FA ___



PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITE

FLUME PROPERTY CLAIM MAP

094202

Date:07/03/01

Author:

Office: Vancouver

Drawing: Flumeclaim

Scale: 1:25000

Projection: UTM Zone 7 (NAD 83)

0 500 1000 2000

metres

0125-46660
094202

Twenty Mile Creek

Valentine Creek

Ten Mile Creek

Donavan Creek

Flume Creek

Sestak Creek

7045000 N

7040000 N

7035000 N

545000 E

Legend

thrust fault

normal fault

regional fault zones - displacement unknown

S2 form surface trace

L2 stretching lineation

F2 fold axis

F3 fold axis

fault dip

Regional foliation (S2)

Intersection lineation (S1 and S2)

Lithology

Undifferentiated Paleozoic metasediments - muscovite +/- biotite psammitic schist; quartzite; biotite schist; graphitic schist

Orthofeldspathic biotite garnet schist

Thickly-layered marble; well-layered graphitic calc-silicates

Meta-diorite

Undifferentiated paeozoic melanocratic and leucocratic orthogneiss

Unfoliated Jurassic granite

Unfoliated porphyritic trachyte dykes

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

GEOLOGICAL COMPILATION MAP OF THE FLUME PROPERTY

Date:13/9/2000

Author: Mark O'Dea

Office: Vancouver

Drawing: FlumeGeo

Scale: 1:25000

Projection: UTM Zone 7 (NAD 83)

FIGURE 3

0 500 1000 2000

metres

0125:46660

094202

GRID A

GRID C

GRIDB

L120N

L110N

L100N

L90N

L80N

BL105E

BL110E

BL115E

7045000 N

7040000 N

7035000 N

555000 E

550000 E

Legend

72212 Soil Sample Location 2000 work program

75575 Soil Sample Location previous program

094202

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITE

Date:07/03/01	FLUME PROPERTY SOIL SAMPLE LOCATION MAP
Author:	
Office: Vancouver	
Drawing: Flumesamloc	
Scale: 1:25000	Projection: UTM Zone 7 (NAD 83) FIGURE 4

0 500 1000 2000

metres

0125:46660

094202

Thirteen Mile Creek

Twenty Mile Creek

Valentine Creek

Ten Mile Creek

Donavan Creek

Flume Creek

7045000 N

7040000 N

7035000 N.

540000 E

545000

550000 E

555000 E

Sestak Creek

Legend

72212 (123,2311) — Soil Sample Location
2000 work program
sample (gold ppb, arsenic ppm)

75575 (13,123) — Soil Sample Location
previous program
sample (gold ppb, arsenic ppm)

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITE

094203

Date:07/03/01	FLUME PROPERTY
Author:	SOIL TAVERSE
Office: Vancouver	SAMPLE LOCATION MAP
Drawing: Flumestloc	
Scale: 1:25000	Projection: UTM Zone 7 (NAD 83) FIGURE 5

0 500 1000 2000
metres

0125-46660
094203

7045000 N

7040000 N

7035000 N

545000 E

550000 E

555000 E

Legend

72212 (123,231) — Rock Sample Location
2000 work program
sample (gold ppb, arsenic ppm)

76575 (13,123) — Rock Sample Location
previous program
sample (gold ppb, arsenic ppm)

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

FLUME PROPERTY
ROCK SAMPLE LOCATION AND GOLD AND ARSENIC PLAN

Date:07/03/01
Author:
Office: Vancouver
Drawing: Flumerxtfloc
Scale: 1:25000
Projection: UTM Zone 7 (NAD 83)

FIGURE 6

0 500 1000 2000
metres

0942.2

0125-466660
094202

GRID A

GRID B

GRID C

Twenty Mile Creek

Thirteen Mile Creek

Ten Mile Creek

Valentine Creek

Flume Creek

Donavan Creek

Sestak Creek

90E

BL100E

109E

110E

125E

82E

L120N

L110N

L100N

L90N

L80N

7045000 N

7040000 N

7035000 N

545000 E

550000 E

555000 E

P17 P16 P15 P14 P13 P12 PP#11 PP#12 PP#13 PP#8 PP#10 PP#9

TR7 TR8 TR1 TR2 P8 P7 P6 P5 P4 P9 P10 P11

PP#5 PP#4 PP#3 TR5 TR6 PP#1 TR3 PP#2 PP#7 PP#6 P3 P2 P1 PP3 PP1 TR4 PP2

Legend

P10 — Sample/profile pit 2000 work program

PP7 — Sample/profile pit previous program

TR1 — Trench 2000 work program

094202

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

FLUME PROPERTY TRENCH LOCATION PLAN

Date:13/02/2001

Author: G Kulla

Office: Vancouver

Drawing:

Scale: 1:25000

Projection: UTM Zone 7 (NAD 83)

FIGURE 7

0 500 1000 2000

metres

0125-40660

094202

GRID A

GRID C

GRID B

L110N

L100N

L90N

L120N

BL 100E

BL 90E

7045000 N

7040000 N

7035000 N

550000 E

555000 E

Legend

23 — Soil Sample Location
Gold in ppb
2000 work program

44 — Soil Sample Location
Gold in ppb
previous program

72 / 23 / 13 / 7 — Soil contour
gold in ppb

094202

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

Date:13/02/2001	FLUME PROPERTY GOLD SOIL GEOCHEMISTRY
Author: G Kulla	
Office: Vancouver	
Drawing:	
Scale: 1:25000	Projection: UTM Zone 7 (NAD 83) FIGURE 8

0 500 1000 2000
metres

0125:46660
094202

GRID A

GRID B

GRID C

L110N

L100N

L90N

L80N

L120N

L110N

L100N

L90N

90E

BL100E

BL110E

7045000 N

7040000 N

7035000 N.

550000 E

555000 E

Legend

23 Soil Sample Location
Arsenic in ppm

44 Soil Sample Location
Arsenic in ppm

724 Soil contour
229 arsenic in ppm
128
72
37

094202

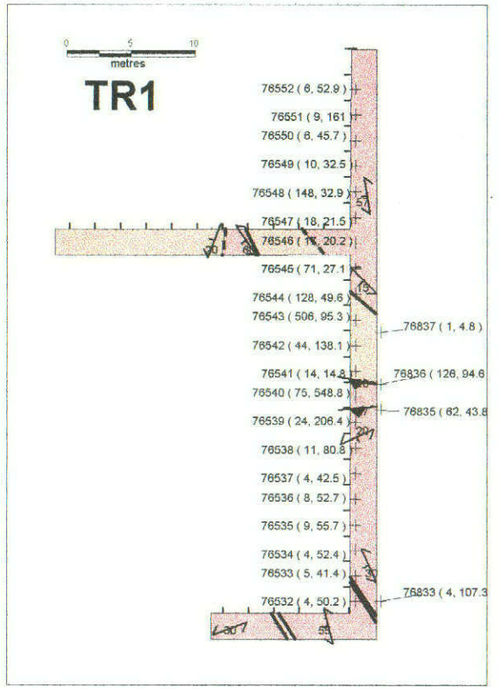
PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

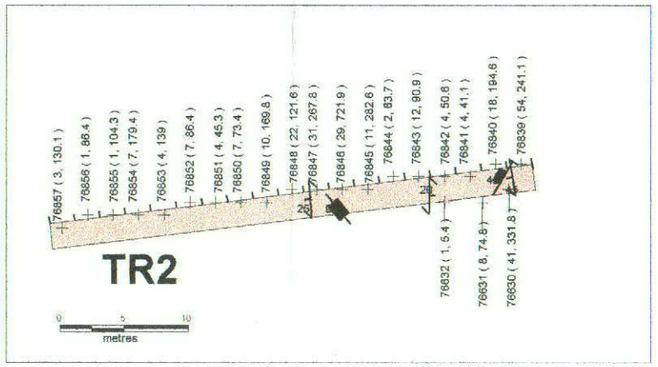
FLUME PROPERTY
ARSENIC SOIL GEOCHEMISTRY

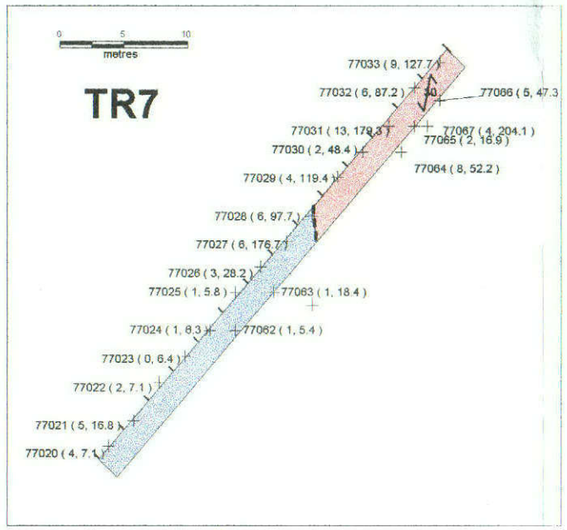
Date:13/02/2001
Author: G Kulla
Office: Vancouver
Drawing:
Scale: 1:25000
Projection: UTM Zone 7 (NAD 83)
FIGURE 9

0 500 1000 2000
metres

0123-46660
094202







Legend

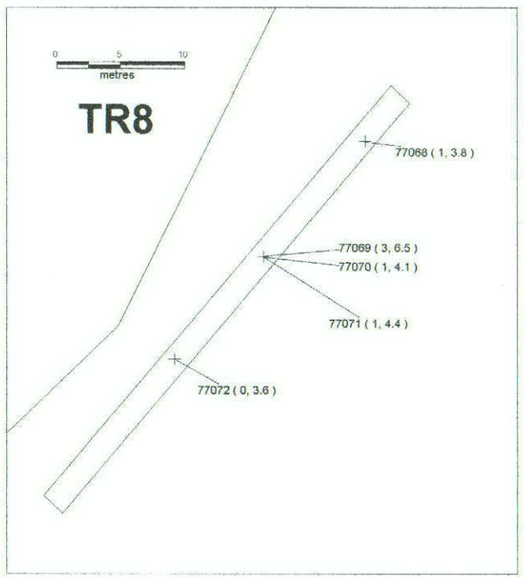


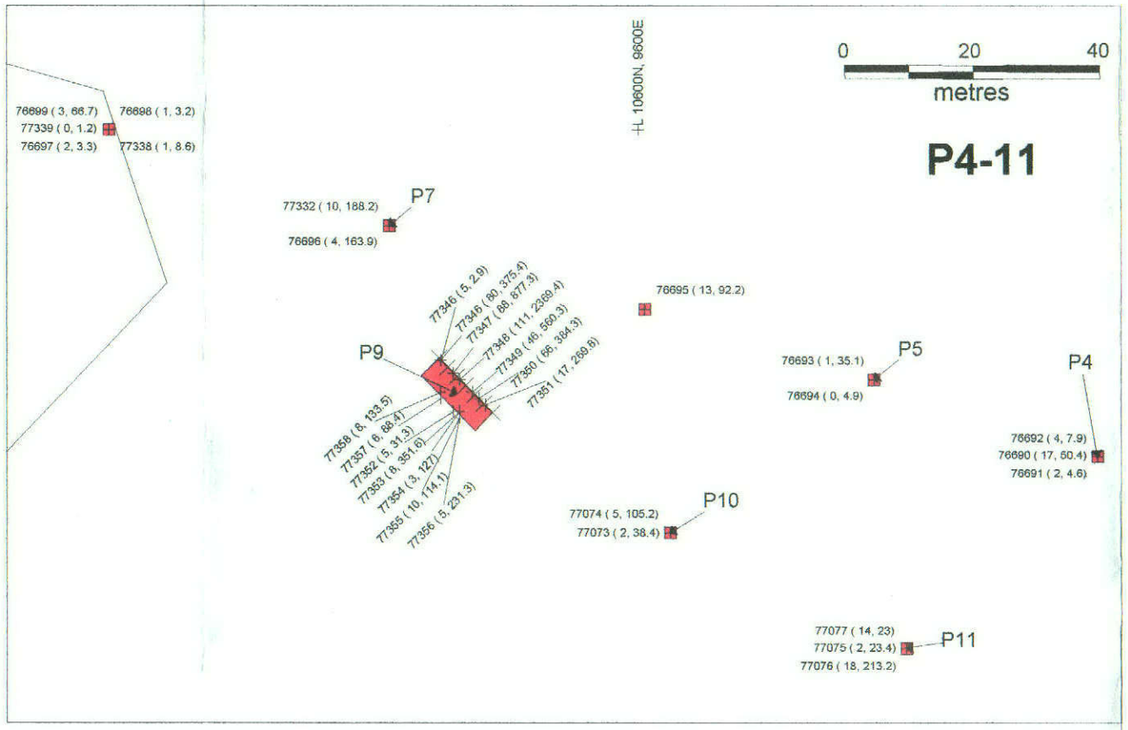
77022 (2,7) — Pit
2000 work program
sample (gold, arsenic)

75904 (3,60) — Pit
2000 work program
sample (gold, arsenic)

77022 (23,34) — Trench
2000 work program
sample (gold, arsenic)

- quartz-muscovite, quartz-biotite schist
- mafic feldspar porphyry
- limestone/marble, skarn
- felsic intrusive

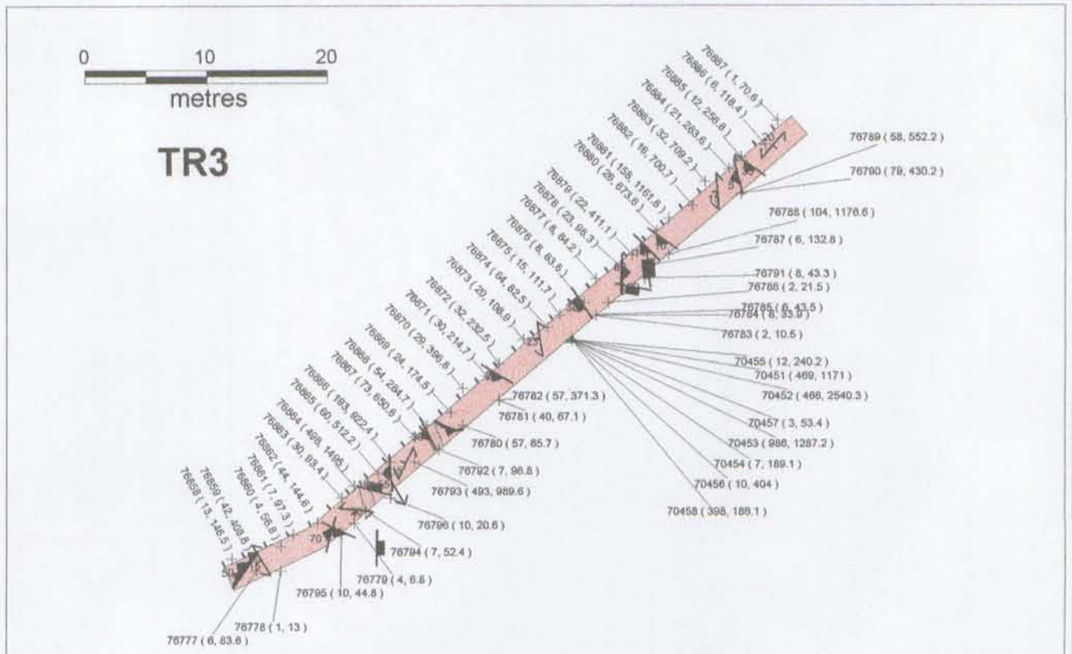


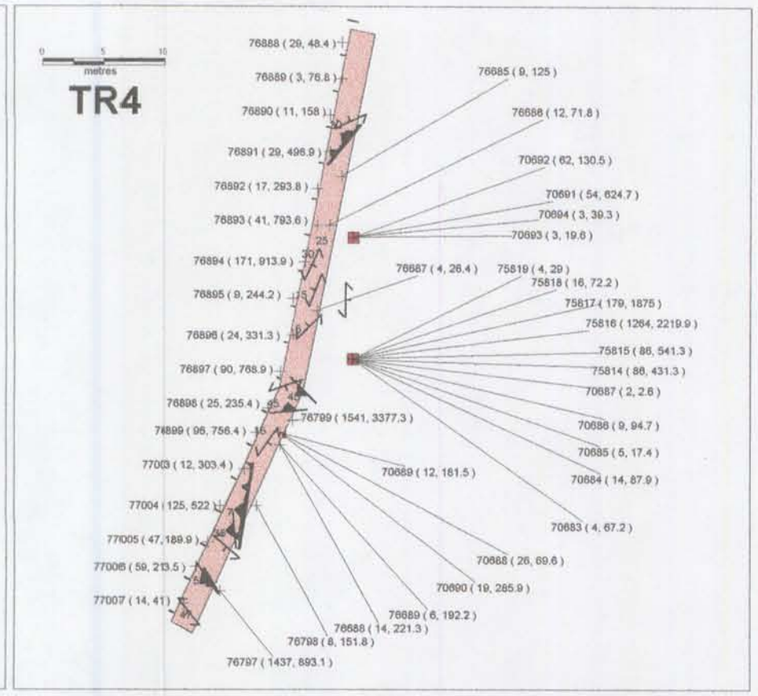


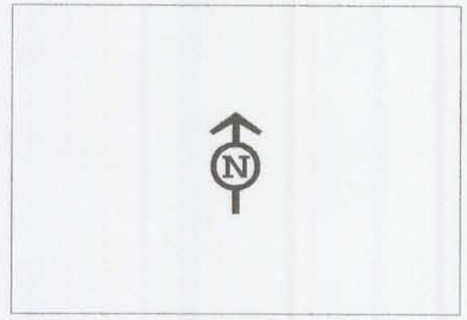
PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED

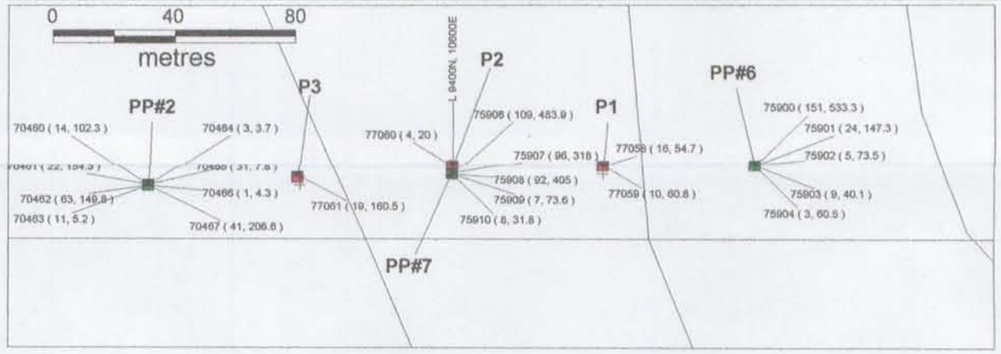
094202

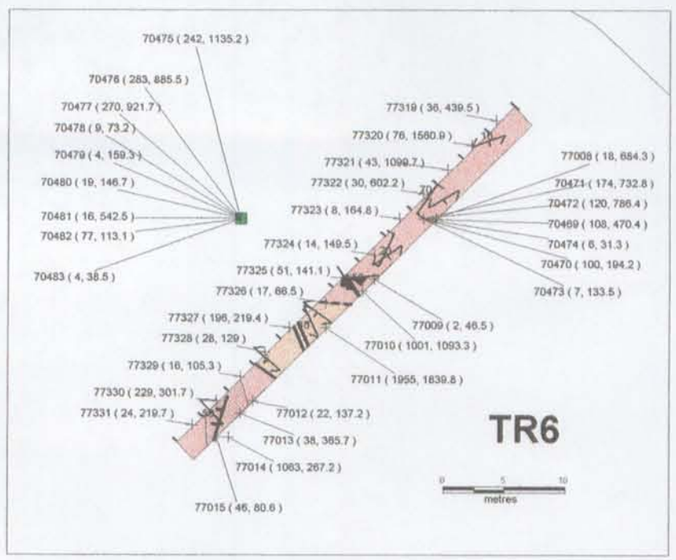
	FLUME PROPERTY **GRID B TRENCH AND PIT RESULTS** **GOLD (ppb) & ARSENIC (ppm)**
Date:13/02/2001	
Author: G Kulla	
Office: Vancouver	
Drawing:	
Scale: varies	Projection: UTM Zone 7 (NAD 83) **FIGURE 10**

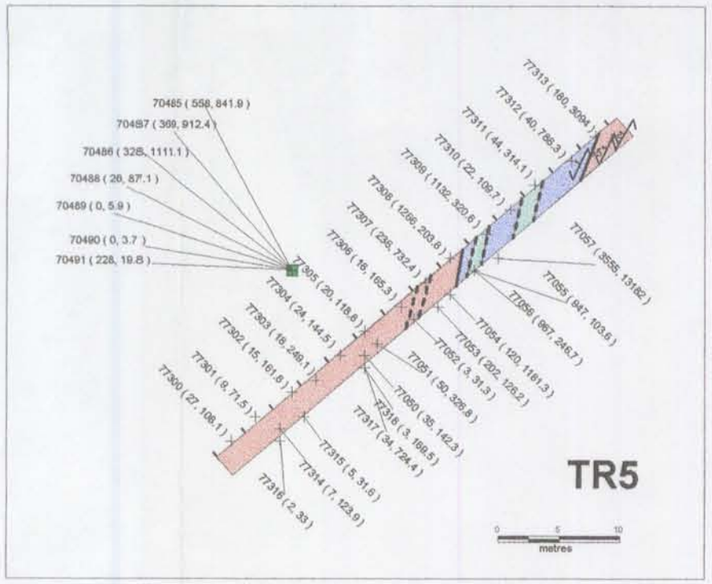












Legend

77022 (2,7) — **Pit**
2000 work program
sample (gold, arsenic)

75904 (3,60) — **Pit**
previous work program
sample (gold, arsenic)

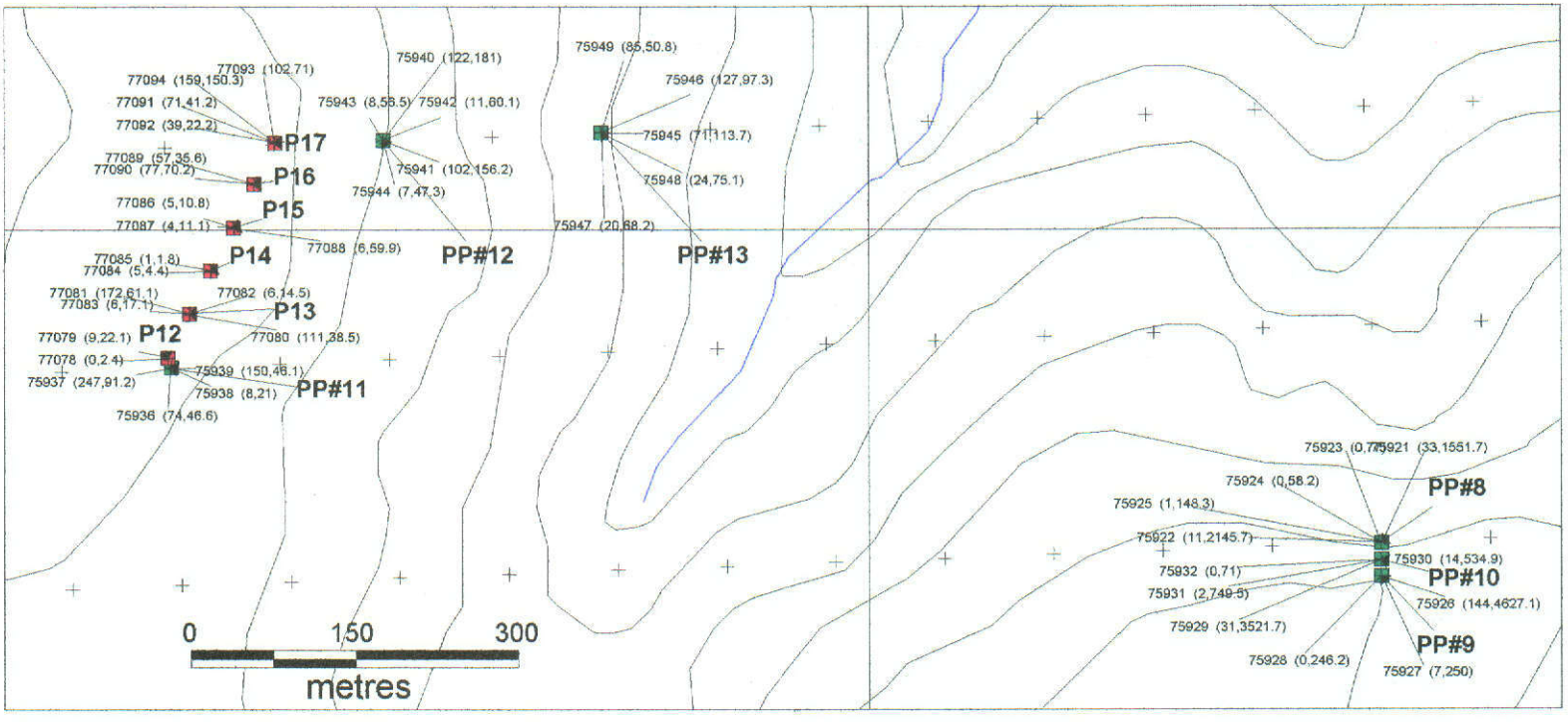
77022 (23,34) — **Trench**
2000 work program
sample (gold, arsenic)

- **quartz-muscovite, quartz-biotite schist**
- **mafic feldspar porphyry**
- **limestone/marble, skarn**
- **felsic intrusive**

PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

Date:13/02/2001	**FLUME PROPERTY** **GRID B TRENCH AND PIT RESULTS** **GOLD (ppb) & ARSENIC (ppm)**
Author: G Kulla	
Office: Vancouver	094202
Drawing:	
Scale: varies	Projection: UTM Zone 7 (NAD 83) **FIGURE 11**

0125-46060
094202



PHELPS DODGE CANADA CORPORATION OF CANADA, LIMITED.

	FLUME PROPERTY **GRID A PIT RESULTS** **GOLD (ppb) & ARSENIC (ppm)**
Date:13/02/2001	
Author: G Kulla	
Office: Vancouver	
Drawing:	
Scale: varies	Projection: UTM Zone 7 (NAD 83) **FIGURE 12**

Legend

094202

77022 (2,7) **Pit**
2000 work program
sample (gold, arsenic)

75904 (3,60) **Pit**
previous work program
sample (gold, arsenic)

77022 (23,34) **Trench**
2000 work program
sample (gold, arsenic)