ASSESSMENT REPORT

on a

SOIL SAMPLING,

TRENCHING

and

REVERSE CIRCULATION DRILLING PROGRAM

on the

INDEPENDENCE PROPERTY

Located Claims: Camsell 1, 1A and 2-61,
Crown-granted Claims: Butte (L. 1694), Bank (L.1695),
Independence (L. 1696), Homestead (L.1697)

Similkameen, Nicola and New Westminster Mining Divisions,
British Columbia

NTS:	92H/10W
LATITUDE:	49°38.3' North
LONGITUDE:	120°57.9' West
OWNER:	J.A. Harquail
OPERATOR:	Nufort Resources Inc.
AUTHOR:	A.M. Koffyberg, P.Geol. (AB)
DATE:	December 3, 1997

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SUMMARY

The Independence copper-molybdenum-gold prospect, near Mount Henning in the Coquihalla Pass area of southwestern B.C., has been intermittently explored since 1901. Exploration in the area beyond the Independence prospect has recently resumed in 1995 with geophysical and geochemical soil surveys.

The 1997 exploration program consisted of detailed geochemical soil surveys, geological mapping and rock sampling, 275 m of trenching and 531.9 m of reverse circulation drilling. Copper grades of 1,536 ppm Cu across 6 m, and 1,004 ppm Cu across 18 m were delineated within the trenches in the Homestead zone, a newly discovered zone 400 m south-east of the Independence prospect. Drilling in this area yielded 1,230 ppm Cu across 7.62 m and 1,067 ppm Cu across 45.72 m.

Two other new areas of geochemical significance have been discovered. The Alpha zone in the southern part of the property contains soil samples anomalous in copper and molybdenum. Trenching yielded 798 ppm Cu across 11 m of silicified metasedimentary rocks. A chalcopyrite-rich zone within this unit graded 1,505 ppm Cu across 3 m. Drilling in the Alpha zone intersected grades of 1,564 ppm Cu across 3.05 m.

The Beta zone is located in the south-eastern part of the property. Soil samples yielded gold values of up to 210 ppb, and silver values up to 1,701 ppm. Weakly anomalous arsenic values in soil samples was also present. Trenching in the area yielded

up to 24 ppb gold and 463 pm As within the metavolcanics and metasedimentary rocks of the Nicola Group.

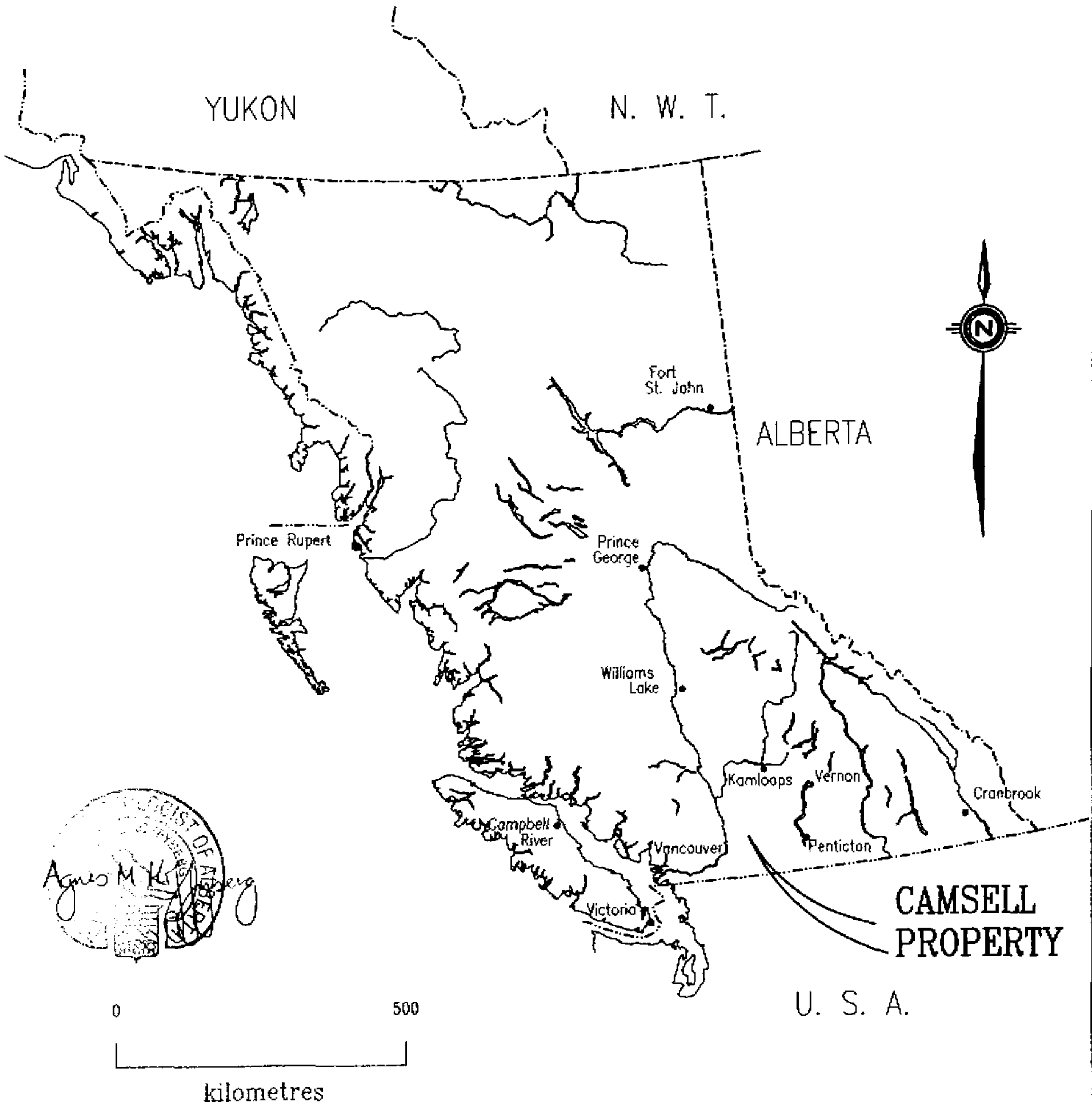
LOCATION, ACCESS and TOPOGRAPHY

The Independence Prospect is 1 kilometre southwest of Mount Henning and 2.3 km east of the Coquihalla Lakes in the Coquihalla Pass area of southern British Columbia (Figure 1). The four Crown-granted claims which form the core of the property are at the triple junction of the Nicola, Similkameen and New Westminster Mining Divisions. The co-ordinates of the centre of the Crown-grants are 49°38.3' North and 120°57.9' West, and the National Topographic System reference is 92H/10W. These Crown-grants are situated 4 km northeast from the toll-booth on the Coquihalla Highway. The surrounding Camsell located claims form a 6 km-long belt extending southeasterly from this point. (Figure 2).

Access to the area of the Independence workings can be gained by following a steep bush road southeasterly for about 5 km from its junction with the Coquihalla Hwy, 2 km north of the toll-booth. Alternate access is available from the southeast via the Tulameen forest access road, which extends from the Coquihalla Hwy southeasterly to the village of Tulameen. About 21 km east of the highway, a short distance east of Skwum Creek, is a junction with a bush road which can be followed to the northwest for 8 km to the property.

The property is on the eastern margin of the Cascade Mountains in the Hozameen Range. The topography is mountainous and slopes are gentle on the ridge tops to steep on the flanks. Elevations vary from 1,830 m on Mount Henning on the northeast end of the claim block to 1,160 metres near Skwum Creek at the southeast end. Drainage on the property is via the Skwum and Lawless Creeks to the southeast, and via several creeks that drain into the Coldwater River to the north and west.

The lower slopes are forested with fir and spruce, the higher elevations are sub-alpine.



DISCOVERY Consultants	NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY	LOCATION MAP

Date:	December 3, 1997	Project:	580	Scale:	1:10,000,000	N.T.S.:	92H/10	Mining Div:	Similkameen	Figure:	1

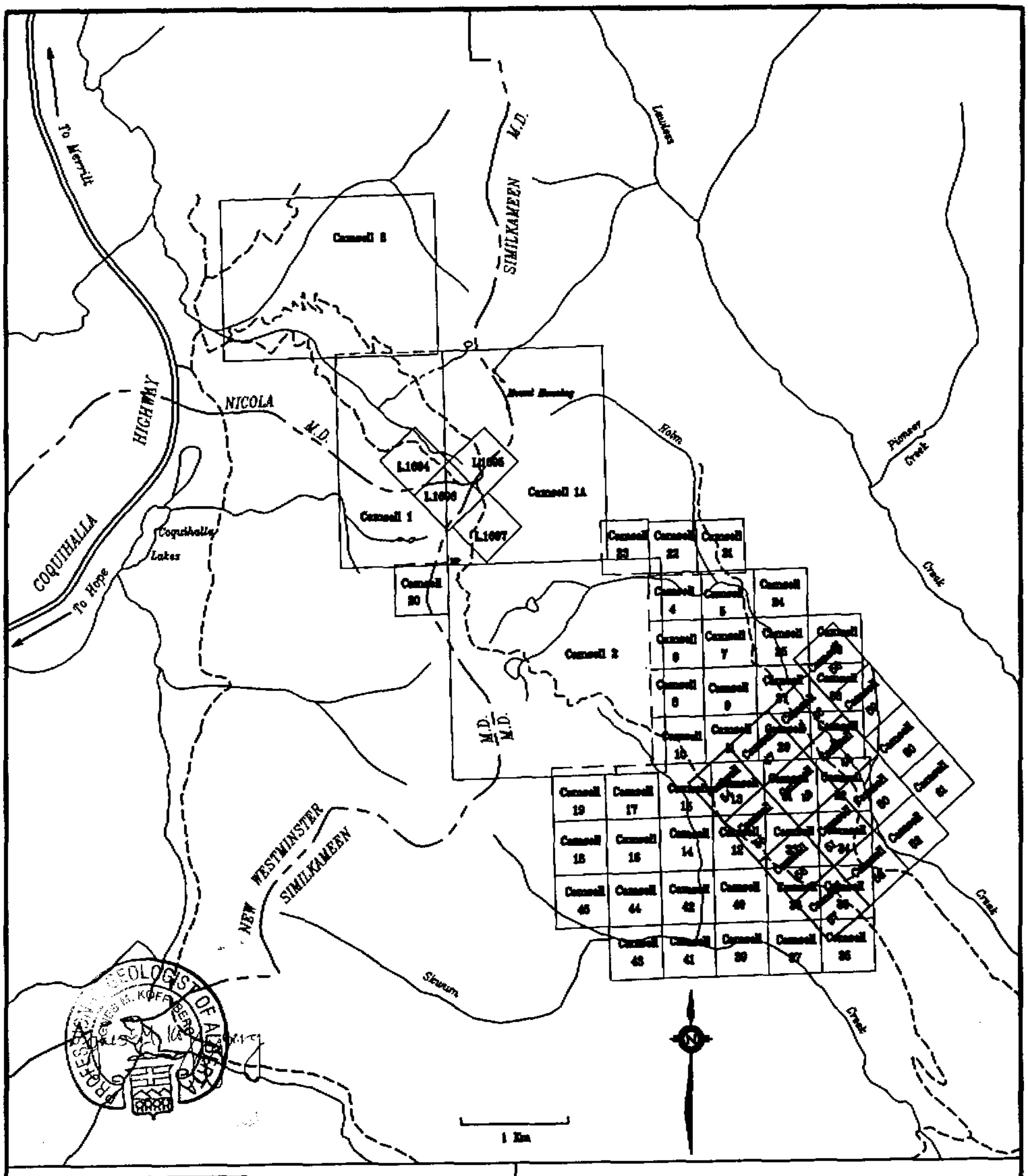
PROPERTY

The Independence property presently comprises four Crown-granted claims and 45 located claims totaling 90 units (Figure 2), all owned on behalf of Nufort Resources Inc. by J.A. Harquail, 122 Beechwood Ave., North York, Ontario, M2L 1J7., and by Percy Cox and James Rousell. Table 1 summarizes the claim information of the 62 claims:

Table 1

Claim Status

Claim Name	Tenure No.	Units	Mining Division	Expiry Date*
Camsell 1	335924	8	Similkameen	02/05/07
Camsell 1A	335925	12	Similkameen	02/05/07
Camsell 2	335926	16	Similkameen	02/05/07
Camsell 3	335927	12	Nicola	01/05/04
Camsell 4	351317	1	Similkameen	02/09/19
Camsell 5	351318	1	Similkameen	02/09/19
Camsell 6	351319	1	Similkameen	02/09/19
Camsell 7	351320	1	Similkameen	02/09/19
Camsell 8	351366	1	Similkameen	02/09/19
Camsell 9	351367	1	Similkameen	02/09/19
Camsell 10	351368	1	Similkameen	02/09/19
Camsell 11	351369	1	Similkameen	02/09/19
Camsell 12	351370	1	Similkameen	02/09/18
Camsell 13	351371	1	Similkameen	02/09/18
Camsell 14	351372	1	Similkameen	02/09/18
Camsell 15	351373	1	Similkameen	02/09/18
Camsell 16	351374	1	Similkameen	02/09/21
Camsell 17	351375	1	Similkameen	02/09/21
Camsell 18	351376	1	Similkameen	02/09/21
Camsell 19	351377	1	Similkameen	02/09/21
Camsell 20	351380	1	Similkameen	02/09/22
Camsell 21	351823	1	Similkameen	02/10/05
Camsell 22	351824	1	Similkameen	02/10/05
Camsell 23	351825	1	Similkameen	02/10/05
Camsell 24	355798	1	Similkameen	98/04/27
Camsell 25	355799	1	Similkameen	98/04/27
Camsell 26	355800	1	Similkameen	98/04/27
Camsell 27	355801	1	Similkameen	98/04/27
Camsell 28	355802	1	Similkameen	98/04/27
Camsell 29	355803	1	Similkameen	98/04/25



DISCOVERY Consultants	NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY	CLAIM MAP

Date:	December 3, 1997	Project:	580	Scale:	1:50000	N.T.S.:	92H\10	Mining Div:	Similkameen	Figure:	2

Camsell 30	355804	1	Similkameen	98/04/25
Camsell 31	355805	1	Similkameen	98/04/24
Camsell 32	355806	1	Similkameen	98/04/24
Camsell 33	355807	1	Similkameen	02/04/24
Camsell 34	355808	1	Similkameen	98/04/24
Camsell 35	355809	1	Similkameen	02/04/28
Camsell 36	355810	1	Similkameen	98/04/28
Camsell 37	355820	1	Similkameen	02/04/28
Camsell 38	355821	1	Similkameen	02/04/28
Camsell 39	355822	1	Similkameen	02/04/28
Camsell 40	355823	1	Similkameen	02/04/28
Camsell 41	355824	1	Similkameen	02/04/29
Camsell 42	355825	1	Similkameen	02/04/29
Camsell 43	355826	1	Similkameen	02/04/29
Camsell 44	355827	1	Similkameen	02/04/29
Camsell 45	355828	1	Similkameen	02/04/29
Camsell 46	359068	1	Similkameen	98/08/25
Camsell 47	359069	1	Similkameen	98/08/25
Camsell 48	359070	1	Similkameen	98/08/25
Camsell 49	359071	1	Similkameen	98/08/25
Camsell 50	359072	1	Similkameen	98/08/25
Camsell 51	359073	1	Similkameen	98/08/25
Camsell 52	359074	1	Similkameen	98/08/25
Camsell 53	359075	1	Similkameen	98/08/25
Camsell 54	359076	1	Similkameen	98/08/25
Camsell 55	359077	1	Similkameen	98/08/25
Camsell 56	359078	1	Similkameen	98/08/26
Camsell 57	359079	1	Similkameen	98/08/26
Camsell 58	359080	1	Similkameen	98/08/26
Camsell 59	359081	1	Similkameen	98/08/26
Camsell 60	359082	1	Similkameen	98/08/26
Camsell 61	359083	1	Similkameen	98/08/26

*Pending acceptance of this report.

The four Crown-granted claims are:

Claim Name	Lot No.	Size (ac)	Mining Division	Land District
Butte	1694	51.65	New Westminster	Yale
Bank	1695	51.65	New Westminster	Yale
Independence	1696	51.65	New Westminster	Yale
Homestead	1697	51.65	Similkameen	Yale

HISTORY

Copper mineralization was discovered at the Independence Group in 1901 and early exploration was carried out by a New York syndicate. In 1906, the Granby Copper Company of Phoenix, B.C. bonded the property, and over the next few years they carried out 1000 feet of tunneling and 265 feet of shafts and raises. The objective of exploration at that time was fissure-controlled copper mineralization in granitic rock. Typical values of 3% copper and 0.05 ounces per ton gold were reported by Camsell (1913).

Only surface exploration was carried out until 1927, when the Consolidated Mining and Smelting Company bonded the property and explored for extensions of the known high-grade copper mineralization. The option was dropped in 1928.

In 1957-58, Panamerican Ventures conducted geological mapping followed by six diamond drill holes totaling 2,628 feet. Crooker (1988) reports that values of 4.8% copper across 11 feet, and 0.80% copper across 40 feet were intersected.

In 1964 Fort Reliance Minerals Ltd. purchased the claims from Panamerican Ventures and carried out road repairs, trenching, and magnetometer and geochemical surveys.

Bethex Explorations Ltd. optioned the claims in 1965. An induced polarization survey was followed by six bulldozer trenches and four diamond drill holes totaling 1,804 feet. All of the holes intersected copper and molybdenum mineralization.

In 1973, Fort Reliance Minerals Inc. carried out stripping and trenching. The best results were two 20-foot samples which averaged 1.12% and 0.94% copper (Wilmot, 1973) but the overall grade of the trenched area was estimated to be 0.10% copper.

In 1981, Nufort Resources Inc. conducted a geochemical soil survey over portions of the central part of the current property. This work delineated two large areas of highly anomalous copper values in soils south of the old workings.

Odessa Explorations Inc. optioned the property in 1987 and carried out extensive geochemical soil surveys and geological mapping and sampling of surface trenches and underground workings. Several areas of both coincident and discrete anomalies in copper, gold, silver, molybdenum and bismuth were delineated in the central part of the claim group.

In 1988, Odessa drilled three percussion holes near old workings. Widespread sulphide mineralization comprising pyrite, chalcopyrite and minor molybdenite was intersected in all three holes. Crooker (1988b) stated that "Values in gold and copper were sub-economic with the best gold value 0.012 oz/ton. One section of hole PDH-88-B gave 6.1 meters of 0.64% copper but on average the best copper values were between 0.1-0.2%".

Nufort Resources Inc. resumed exploration on the Independence property in 1995. Limited magnetometer and VLF-EM surveys were conducted, and in 1996 a geochemical soil survey was completed by Amex Exploration Services on behalf of Nufort Resources Inc. This grid covered the gaps in the two grids established by Odessa in 1988 and also extended the limits of the previous grids to the south and east.

GEOLOGY and MINERALIZATION

The Independence property is in the Quesnellia terrane of the Intermontane Belt near its western boundary with the Coast-Cascade belts to the west. The two principal subdivisions of the Quesnellia terrane in this area are the Jura-Cretaceous Eagle Plutonic Complex, on the west, in contact with the Upper Triassic Nicola Group metamorphosed volcanic rocks to the east (Monger, 1989).

A concise description of the geology and mineralization of the Independence prospect is provided in the provincial government's Minfile record (Minfile No. 092HNE006). The following summary is quoted directly from this source.

"The area in the headwaters of Henning Creek is underlain to the west by foliated granodiorite of the Late Jurassic to Early Cretaceous Eagle Plutonic Complex and to the east by andesitic to basaltic metavolcanics (foliated greenstone) of the Upper Triassic Nicola Group. The contact between the two units strikes north-northwest (approximately 150 degrees).

The metavolcanics and granodiorite are intruded along the contact by an early Tertiary dike-like body of quartz-feldspar-biotite porphyry of intermediate composition. The body trends north-northwest for 4 kilometres and is up to 380 metres wide. This intrusion is in turn cut by feldspar porphyry dikes. These dikes strike northwest, dip southwest and are less than 1 metre to 6 metres wide. All units are cut by postmineral quartz deficient dikes ranging from syenite to gabbro in composition.

The feldspar and quartz-feldspar-biotite porphyries are mineralized with disseminations of pyrite, chalcopyrite and minor molybdenite. These sulphides also occur in quartz stringers and along fractures. Pyrrhotite, sphalerite, chalcocite, tetrahedrite and cuprite are also reported. The feldspar porphyry dikes are much less mineralized than the quartz-feldspar-biotite porphyry. Stronger mineralization occurs along the walls of barren feldspar porphyritic syenite dikes, where they cut disseminated sulphides.

Copper mineralization underlies an extensive area but generally grades less than 0.2 per cent copper (Assessment Report 55, page 6). A hole drilled 200 metres south of the main adit intersected 149.0 metres averaging 0.119 per cent copper and 0.011 per cent molybdenum (2.4 to 151.5 metres), including 57.9 metres grading 0.125 per cent copper and 0.020 per cent molybdenum (93.6 to 151.5 metres) (Assessment Report 707, hole no. 4). A second hole located 1,530 metres north of the previous hole intersected 0.135 per cent copper and 0.0056 per cent molybdenum over 45.7 metres (9.1 to 54.9 metres) (Assessment Report 707, hole no. 2). Gold values in the order of 1.7 grams per tonne were reported in the past (Geological Survey of Canada Memoir 26, page 167). More recent work failed to obtain anomalous gold values (Assessment Report 17431).

Higher grade mineralization (0.4 to 1 per cent copper) is confined to zones of shearing or brecciation cutting the quartz-feldspar-biotite porphyry. Breccia zones are developed adjacent to and between feldspar porphyry dikes that intrude the main porphyry body. The porphyry is partially altered to carbonate, sericite and clay, and mineralized with pyrite, chalcopyrite, molybdenite, malachite and azurite in these zones. A chip sample across one such zone, trending 140 degrees, analysed 0.54 per cent copper over a width of 12 metres (Assessment Report 55, page 6). A second sample across a silicified and carbonate-altered breccia zone with pyrite, chalcopyrite, malachite and azurite assayed 0.609 per cent copper over 9 metres, with silver and gold values of up to 9.8 and 0.126 grams per tonne respectively." (Assessment Report 17431, page 8).

WORK PROGRAM

Work carried out on the Independence property continued periodically through the summer and fall, 1997. The program was designed to explore for geochemical anomalies by detailed soil surveys, with follow-up trenching and drilling in areas of anomalous copper, molybdenum and gold mineralization.

Geochemical Soil Survey

a) Program Parameters

From July 2 to July 11, 1997, six detailed geochemical soil surveys were conducted throughout the claim block and tied in to the grid established the previous year by Amex Exploration Services (Amex) of Kamloops on behalf of Nufort Resources Inc. The soil samples were collected at 25 m intervals on lines 100 m apart. These survey lines formed intermediate lines to the lines established in the previous year's grid, resulting in a sample spacing of 25 m intervals by 50 m lines. This provided a tighter control of areas of geochemical interest. The grids ranged in size from three lines 350 m long to eight lines 475 m long.

A total of 620 soil samples was collected from the B soil horizon using track shovels. In general, the sample depth ranged from 15 cm to 45 cm. The B horizon soils were generally orange-brown and silty. Samples were put in kraft paper bags and shipped to ACME Analytical Laboratories in Vancouver for analysis. Each sample was dried, sieved to -80 mesh and subjected to ultratrace analysis. This method involves a 5 gram sample digested in aqua regia at 95°C for one hour, diluted to 100 ml with water, and analysed by 35 element ICP atomic emission spectroscopy (ICP-AES). Samples from the Alpha and Beta zones were also analysed for trace gold, platinum and palladium by fire assay with atomic absorption finish. Locations for soil samples from these grids in addition to soils taken from previous grids are shown in Figure 3. Sample numbers, Copper, molybdenum and gold values are shown on Figures 5, 6 ,7 and 8, respectively. Analytical data is in Appendix 1.

b) Program Results

Detailed grids located northwest and southeast of the main Independence showing revealed anomalous values for copper and molybdenum. In particular, the area to the southeast, named the Homestead zone, contained numerous soil samples having values greater than 1,000 ppm Cu. The maximum value obtained was 4,255 ppm Cu. Molybdenum values showed a corresponding anomaly, with a maximum value of 345 ppm Mo. Silver is moderately anomalous in the Homestead zone, having a maximum value of 1269 ppm Ag.

Moderately anomalous copper values also occur over an area called the Alpha zone, located at the south end of the grid. The Alpha zone is approximately 3 kilometers southeast of the Homestead zone, and 3.4 km southeast of the Independence copper showing. Although the copper anomaly is weaker than the anomaly in the Homestead zone, values of greater than 100 ppm are frequent. This area is also weakly anomalous in molybdenum and arsenic. Gold values range up to 27 ppb Au. The copper anomaly appears to extend beyond the southern edge of the grid.

A gold anomaly, 800 m north-south by up to 400 m wide, occurs in the eastern part of the grid, in a previously unexplored area. This area has been named the Beta zone. Anomalous silver values ranging between 799 ppm to 1701 ppm correspond closely to anomalous gold samples. The zone is also moderately to strongly anomalous in arsenic.

Geological Mapping and Rock Sampling

a) Program Parameters

Geological mapping and prospecting was performed to delineate the contact between the Eagle Plutonic granodiorite and the Nicola Group volcanics. 19 rock samples were collected, sent to ACME Analytical Labs. Analysis involved digestion of a 0.5 g sample in aqua regia and analysis by 32 element ICP-AES. Analytical data is given in Appendix 2, and rock descriptions are given in Appendix 3. Rock sample locations are shown on Figure 4.

b) Program Results

One sample from the Homestead zone consisting of quartz-feldspar-biotite porphyry yielded 1,724 ppm Cu and 122 ppm Mo. The other samples are predominately metavolcanics from the Alpha zone. One silicified brecciated volcanic yielded 400 ppm Cu and 232 ppm Mo. Other metavolcanic rock samples had copper values ranging from 41 to 290 ppm Cu.

Trenching

a) Program Parameters

The copper anomalies from the soil surveys delineated in the Independence, Homestead and Alpha areas, and the gold values in the Beta zone were used to define the locations of the trenches.

Seven trenches were excavated using a Caterpillar 322L excavator, rented from Finning Ltd. Trenching took place from August 18 to August 26, 1997. Trenches 1, 2 and 3 were located to the north of the Independence copper showing and trenches 4 and 5 were located southeast of the showing, in the Homestead zone. Two other trenches were constructed in the south and east parts of the grid; trench 6 in the Alpha zone and trench 7 in the Beta zone.

A total of 275 m of trenching was conducted, and 164 chip samples were analysed by 32 element ICP-AES and 30g Au fire assay. The trenches were cleaned manually and sampled at either one or two meter intervals. The chip samples were analysed by 32 element ICP-AES and 30g Au fire assay by ACME Analytical Labs. After mapping and sampling were completed, the trenches were filled in and leveled.

b) Program Results

The following is a summary of the trenches, geology and alteration observed in each trench. The trench locations are shown on Figure 3; detailed geology and geochemistry of the trenches are on Figures 9 to 16. Sample descriptions and analytical data are given in Appendices 3 and 4.

Trench 97-1 28 m; 530.2 ppm Cu over 18.0 m., foliated mafic metsedimentary rock cut by aplitic dykes up to 2 m wide. Trace pyrite.

Trench 97-2 24 m; 392 ppm Cu across 12.0 m., predominately andesites? Trace pyrite.

Trench 97-3 40 m; 490.1 ppm Cu across 9 m in feldspar porphyry, 550.6 ppm Cu across 5 m in breccia, 13 m of fldspar porphyry, 20 m breccia, gabbro.

Trench 97-4 43 m; 907.9 ppm Cu across 42 m, 1,535.5 ppm Cu across 6 m in fault zone; 38.4 ppm Mo across 42 m. Predominately quartz-feldspar-biotite porphyry. Pyrite, chalcopyrite, malachite, azurite. Sericite and potassic alteration, silicification.

Trench 97-5 64 m; 1,344 ppm Cu and 32.6 ppm Mo across 7.0 m in andesitic dyke; 1,004 ppm Cu and 43.6 ppm Mo across 18.0 m in quartz-feldspar-biotite porphyry. Pyrite, chalcopyrite, malachite, azurite, pyrrhotite?. Sericitic and potassic alteration.

Trench 97-6 48 m; 798.2 ppm Cu and 20.8 ppm Mo across 11 m in silicified zone, with a narrow zone grading 1,505 ppm Cu across 3 m. Andesitic porphyry and mafic metasedimentary rock with 11 m of silicified zone. Pyrite, chalcopyrite as seams, fracture fill. Chlorite, biotite, silicification.

Trench 97-7 28 m; 11 ppb Au across 6 m. Mafic metasedimentary rock. Qtz veins contain trace pyrite and galena. Blue-grey carbonate alteration is massive in places.

Trenches 1, 2 and 3, located to the north of the Independence anomaly, intersected predominately foliated metasediments and metavolcanics of the Nicola Group. Minor amounts of felsic dykes, syenitic dykes, feldspar porphyry, breccia, and gabbro were also intersected. Mineralization consisted of pyrite with trace chalcopyrite and pyrrhotite. The maximum copper value was 833 ppm.

Trenches 4 and 5 are located in the Homestead zone and indicate that the main copper showing continues 300 m to the southeast of the Independence copper-bearing showing on the summit of the mountain. Both trenches consisted primarily of altered quartz-feldspar-biotite porphyry. Sericitic and potassic alteration is occasionally present. Copper mineralization was pervasive in both porphyry and volcanic rocks. Trench 4 intersected 1,536 ppm Cu across a 6 m a fault zone hosted by quartz-feldspar-biotite porphyry. In trench 5, 1,004 ppm Cu and 43.6 ppm Mo across 18.0 m in quartz-feldspar-biotite porphyry was intersected. In a separate part of the trench, a mineralized volcanic dyke yielded 1,344 ppm Cu and 33 ppm Mo across 7.0 m. Trenches 4 and 5 were also weakly anomalous in silver, with several one meter samples having up to 1.5 ppm Ag.

An copper anomaly also exists in the Alpha zone within silicified mafic metasediments and metavolcanics. Trench 6 encountered silicified metasedimentary rocks containing pyrite and chalcopyrite. A narrow mineralized zone within the silicified sediments graded 1,505 ppm Cu across 3.0 m. The entire silicified zone intersected 798 ppm Cu across 11 m.

Trench 7 was constructed to test a gold anomaly in soils. Because of steep topography, it was not possible to trench exactly on the 210 ppm gold anomaly. The trench was constructed 25 m to the north on the edge of the gold anomaly. Sections of pervasively carbonatized metasedimentary rock were intersected, yielding gold values of up to 24 ppb Au. High arsenic values of up to 463 ppm were present.

Reverse Circulation Drilling

a) Program Parameters

Reverse circulation drilling was performed by NorthSpan Explorations Ltd. of Kelowna, B.C. using a track mounted reverse circulation (RC) drill. The locations of the drill holes were limited to the access roads only, since the terrain in the area of interest consists of steeply sided hills.

Between October 27 and November 4, 1997, ten RC drill holes were drilled for a total of 531.9 m (1745 ft). Five are located on the Homestead zone and five are located on the Alpha zone. 324 samples of drill cuttings were obtained and sent to ACME Analytical Labs. The samples were dried and analysed by 32 element ICP-AES and 30g Au fire assay. Analytical data is given in Appendix 5 and drill logs are shown in Appendix 6. Table 2 summarizes the pertinent data:

Table 2
Drill hole data

Drill hole	Northing	Easting	Bearing	Angle	Depth ft/(m)
580-RC1	4+50S	2+32E	250°	-60°	150/(45.72)
580-RC2	5+50S	1+55E	45°	-60°	160/(48.77)
580-RC3	6+00S	1+50E	220°	-60°	170/(51.82)
580-RC4	6+45S	1+70E	220°	-60°	200/(60.96)
580-RC5	6+65S	1+50E	220°	-60°	175/(53.34)
580-RC6	29+85S	20+30E	45°	-60°	200/(60.96)
580-RC7	30+00S	20+75E	47°	-60°	200/(60.96)
580-RC8	31+00S	21+55E	53°	-60°	200/(60.96)
580-RC9	31+50S	21+80E	45°	-60°	175/(53.34)
580-RC10	32+00S	22+05E	230°	-75°	115/(35.05)

Detailed drill sections showing geology and geochemical data are shown on Figures 17 to 26.

b) Program Results

The following is a summary of the geology, mineralization and geochemistry of the drill holes:

580-RC1 Homestead zone; predominately quartz-feldspar-biotite porphyry, minor aplite, pyrite, chalcopyrite, one zone yielded 1,230 ppm Cu across 7.62 m; drill hole yielded 747 ppm Cu across 45.72 m; max gold value of 13 ppb Au.

580-RC2 Homestead zone; quartz-feldspar-biotite porphyry, minor volcanic dykes, pyrite, chalcopyrite, molybdenite; 1,142 ppm Cu and 110 ppm Mo across 15.24 m; drill hole yielded 1,067 ppm Cu across 45.72 m; max gold value of 88 ppb Au.

580-RC3 Homestead zone; quartz-feldspar-biotite porphyry, minor aplite, pyrite, chalcopyrite; 1,047 ppm Cu across 3.05 m within a larger zone grading 612 ppm across 95 28.96 m.

580-RC4 Homestead zone; quartz-feldspar-biotite porphyry, minor aplite, coarse grained pyrite, chalcopyrite. Little variation in Cu throughout hole; maximum value is 727 ppm Cu; max gold value of 13 ppb Au.

580-RC5 Homestead zone; quartz-feldspar-biotite porphyry, pyrite, possibly chalcopyrite. Little variation in Cu throughout hole; maximum value is 577 ppm Cu; max gold value of 15 ppb Au.

580-RC6 Alpha zone; mafic metavolcanics, minor granite/ granodiorite, pyrite and chalcopyrite, 882 ppm Cu and 109 ppm Mo across 19.8 m.

580-RC7 Alpha zone; mafic metavolcanics, minor silicified zones with fine grained, dissem pyrite; maximum copper value of 273 ppm Cu.

580-RC8 Alpha zone; mafic metavolcanics with silicified zones, 3% pyrite; max copper value of 575 ppm Cu; max gold value of 13 ppb Au.

580-RC9 Alpha zone; mafic metavolcanics, 1-2% pyrite; 842 ppm Cu across 6.10 m; 71 ppm Mo across 7.62 m.

580-RC10 Alpha zone; overburden fragments of mafic metavolcanics, minor quartz.

In the Homestead zone, quartz-feldspar-biotite porphyry was encountered in all the holes. Pyrite, chalcopyrite and molybdenum occur as disseminations and thin seams. Geochemical analysis indicated a maximum copper value of 1,992 ppm Cu, 383 ppm Mo, 88 ppb Au and 2 ppm Ag. Drill hole RC2 intersected 1,067 ppm Cu and 66 ppm Mo across 45.72 m. At the bottom of the hole from 33.53 m to 48.77 m, values of 1,142 ppm Cu and 110 ppm Mo were intersected. Drill hole RC1 intersected 1,230 ppm Cu across 7.62 m. Drill hole RC3 encountered mineralization at the top of the hole (6.10 m to 9.14 m) of 1,047 ppm Cu and 1.25 ppm Ag across 3.05 m.

The Alpha zone was drilled to follow up the anomalous copper soil samples and the copper mineralization encountered in trench 6. However, no drilling was possible to the west of the creek where trench 6 is located. The banks of the creek were too steep to permit the RC drill to cross. The drilling program was subsequently limited to access along or near the road. The best grades occurred within silicified zones within the mafic volcanics. Copper grades up to 1,681 ppm and gold values up to 13 ppb were encountered. Drill hole RC6 intersected 882 ppm Cu and 109 ppm Mo across 19.8 m within mafic metavolcanics. Within this section a possibly faulted zone intersected 1,564 ppm Co, 89 ppm Mo and 1.1 ppm Ag across 3.05 m.

CONCLUSIONS

Soil sampling has detected significant new copper anomalies in the area of the main Independence copper showing. The soil anomaly previously defined has been extended to cover an area of 1000 m north-south by 800 m east-west. In particular, the area to the southeast, named the Homestead zone, is anomalous in copper, molybdenum and silver. Copper is moderately anomalous in the Alpha zone, and gold, arsenic and silver are anomalous in several soil samples in the Beta zone.

Trenching on the Homestead zone has indicated mineralization throughout the quartz-feldspar-biotite porphyry exposed in the trenches. Grades of 1,252 ppm Cu over 10.67 m; and 1,142 ppm Cu and 110 ppm Mo over 15.24 m were intersected. Higher grades are generally found within fault/shear zones. Drilling has established the depth of the mineralized zone in the Homestead zone to 30.48 m.

Trenching in the Alpha zone encountered copper mineralization within silicified metasedimentary rock. Silicified zones intersected grades of 798 ppm Cu over 11.0 m, surrounding a chalcopyrite rich zone yielding 1,505 ppm Cu across 3 m. Drilling within the Alpha zone yielded 1,564 ppm Cu across 3.05 m and 878 ppm Cu across 9.14 m. A rock sample collected on surface contained yielded 400 ppm Cu and 232 ppm Mo.

The Beta zone contained numerous soil samples having anomalous gold values up to 210 ppb Au. Arsenic is also moderately anomalous in the soils throughout the Beta zone.

Silver values are closely associated with the gold values, with a maximum value of 1,701 ppm Ag. Trenching intersected carbonatized metasediments having values up to 24 ppb Au and 463 ppm As.

RECOMMENDATIONS

On the Homestead zone, further drilling is warranted to test the copper-bearing porphyry at greater depths. Drilling is also warranted in the Alpha zone in close proximity to trench 6.

A ground magnetometer survey across several east-west lines across the property would be valuable in better defining contacts between the granodiorites and felsic porphyries and the mafic metavolcanic rocks.

Rock sampling and possibly trenching should be carried out in the Beta zone. This is necessary in order to establish well defined drill targets. However, because the anomaly is located on the flanks of steeply dipping terrain, drill pads and access roads would need to be constructed.

Respectfully submitted,

Agnes Koffyberg, P.Geol (Alberta)

December 3, 1997

REFERENCES

Cairnes, C.E.	1924	Coquihalla Area, B.C., GSC Mem 139.
Camsell, C.	1913	Geology, and Mineral Deposits of the Tulameen District, B.C. G.S.C. Mem 26, pp 166-168
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-------	1988b	Percussion Drilling Report on the INDY, INDY #1, DY-1, DY-2 Claims and Lots 1694-1697, Coquihalla Area, for Odessa Explorations Inc. Private Report.
Lammle, C.A.R.	1996	Ground Magnetometer and VLF-EM Survey, Coquihalla Project, Independence Property, for Nufort Resources Inc.
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Monger, J.W.H.	1989	Geology of Hope Map Area, British Columbia, G.S.C. Map 41-1989.
Osborne, T.C.	1958	Report on the Independence Property, Coquihalla, B.C., for Panamerican Ventures Ltd. Private Report.
Pezzot, E.T. and Vincent, J.S.	1981	Geochemical Report on a Line Cutting & Soil Sampling Survey, Independence Prospect for Nufort Resources Ltd. Assessment Report 9436.
Rice, H.M.A.	1947	Geology and Mineral Deposits of the Princeton Map-Area, B.C., G.S.C. Mem 243, pp 111-112
Wilmot, A.D.	1973	Report on the Independence Prospect of Fort Reliance Minerals Ltd. Private Report.

STATEMENT OF COSTS

June - November, 1997

1. **Professional Services**			
D. Duba (Geologist)			
Planning & Data Interpretation			
(June 24, 25, July 12)			
3 days @ $425/day		$ 1,275.00	
Geological Field Work - Soil Sampling			
(July 1 - 11)			
11 days @$450/day		4,950.00	
A. Koffyberg (P. Geol.)			
Geological Field Work - Trenching			
(Aug. 8, 18 to 26)			
10 days @ $390/day		3,900.00	
Planning & Data Interpretation			
(Aug. 6,7, Sept. 2, 3)			
4 days @ $349.80/day		1,399.20	
Geological Field Work - Drilling			
(Oct 9, 26 - 31, Nov. 1 & 2)			
7 days @ $390/day		2,730.00	
Report writing/Data Interpretation			
(Nov., 1997)			
5 days @ $349.80/day		1,749.00	
K.L. Daughtry (P. Eng.)			
Geological Consulting & Project Planning			
(June 24 - Oct 31)			
2.4 days @ $450/day		1,080.00	
J.A. Harquail (P.Eng.)			
Geological Consulting & Project Planning			
(June 24 - Oct 31)			
10 days @ $500/day		5,000.00	
T. Carpenter (P. Geo.)			
Geological Field Work - Drilling			
(Oct 26 & 27)			
1.5 days @ $450/day		675.00	
			$ 22,758.20
2. **Field Personnel**			
Soil Sampling			
R. Herzig (July 1 - 11)			
11 days @ $248.24/day	$2,730.64		
D. Hepting (July 1 - 11)			
11 days @ $214.00/day	2,354.00		
		5,084.64	
Trenching			
P. Watt (Aug. 8, 18 - 26)			
11 days @ $320.00/day	3,520.00		
Trench Sampling			
D. Strain (Aug. 22 - 25)			
4 days @ $325.28/day	1,301.12		
		4,821.12	
			9,905.76

3.	**Office Personnel**			
	Drafting		450.00	
	Data Compilation		200.00	
	Secretarial		350.00	
				1,000.00
4.	**Expenses**			
	Analysis & Preparation - Acme Labs			
	338 Soil @$12.47/sample	$4,214.86		
	325 soil @$13.85/sample	4,501.25		
	(multi-element ultra-trace ICP)			
	17 rock @$15.08/sample	256.36		
	2 rock @$16.65/sample	33.30		
	(multi-element ICP)			
	89 soil for @$12/sample	1,068.00		
	(Au, Pt and Pd)			
	144 rock @ $11.45/sample	1,648.80		
	20 rock @ $13.00/sample	260.00		
	16 soil @ $8.55/sample	136.80		
	(multi-element ICP)			
	44 rock @$10.75/sample	473.00		
	(Au FA/AA)			
	324 RC drill @ $17.00/sample	5,508.00		
	(Au + multi-element ICP)		18,100.37	
	Communications		307.13	
	Equipment Rental		97.53	
	- Cat Excavator		4,992.70	
	Freight (shipping samples)		309.52	
	Field Supplies		1,144.65	
	Maps & Publications		83.42	
	Lodging & Meals		4,103.75	
	Report & Map printing		200.00	
	Management Fees (10% on above expenses)		2,933.91	
	Drilling - Northspan Explorations Ltd		21,995.00	
				54,267.98
		Exploration Total:		$ 87,931.94
5.	**Transportation**			
	July	$2,434.36		
	Aug	2,328.04		
	Oct	2,401.01		
		$7,163.41		7,163.41
	@20% of exploration costs =	$18,022.29		
		Sub-Total:		$ 95,095.35
		G.S.T.		6,656.68
		Total Work Costs:		$101,752.02

STATEMENT OF QUALIFICATIONS

I, AGNES KOFFYBERG of 639 Welke Road, Kelowna, B.C., V1W 2M9, DO HEREBY CERTIFY that:

1. I am a Consulting Geologist in mineral exploration associated with Discovery Consultants, Vernon, B.C.

2. I am a graduate of the University of Alberta with a Master's of Science degree in geology.

3. I have been practicing my profession since 1994.

4. I am a Member of the Association of Professional Engineers, Geologists and Geophysicists of Alberta.

5. This report is based upon field work on the Independence Property and upon reports from previous work on the Independence Property.

6. I hold no interest either directly or indirectly in the shares or properties of Nufort Resources Inc., nor do I expect to receive any such interest at any time.

Agnes Koffyberg, P.Geol. (Alberta)

December 3, 1997
Vernon, B.C.

APPENDIX 1

CERTIFICATE OF ANALYSIS

For

Soil Samples

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

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Discovery Consultants File # 97-3482 Page 2

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: David Wu

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L9+00S 17+75E	2.2	44.2	5.7	57.4	254	21	10	297	4.18	6.6	6	<.1	1	20	.21	.4	.4	109	.22	.068	5	38	.68	82	.16	<2	2.42	.01	.04	<2	<.2	45	<.3	<.2	8.0
L9+00S 18+00E	1.3	42.5	4.9	60.4	197	31	14	415	4.30	5.1	<5	<.1	<1	23	.13	.5	.4	103	.27	.074	5	45	.97	83	.13	<2	2.85	.01	.05	<2	<.2	32	<.3	<.2	7.5
L9+00S 18+25E	1.8	44.6	5.7	60.0	215	25	16	363	4.47	5.4	<5	<.1	1	27	.13	.5	.5	112	.31	.049	6	49	1.02	86	.16	<2	3.08	.01	.05	<2	<.2	43	<.3	<.2	8.6
L9+00S 18+50E	2.1	43.9	5.9	66.0	170	24	13	340	4.88	6.2	<5	<.1	1	22	.13	.4	.5	112	.26	.058	5	46	.82	101	.18	3	3.11	.01	.05	<2	<.2	35	.3	<.2	9.0
L9+00S 18+75E	2.2	32.6	5.4	47.7	233	18	11	300	4.10	4.2	<5	<.1	1	20	.08	.4	.3	113	.24	.040	4	41	.70	51	.20	<2	2.30	.01	.04	<2	<.2	39	.3	<.2	8.9
L9+00S 19+00E	1.7	38.7	7.0	64.2	282	21	11	332	4.11	4.0	<5	<.1	<1	20	.14	.4	.4	99	.22	.079	5	40	.74	71	.14	<2	2.46	.01	.05	<2	<.2	55	.4	<.2	9.9
L9+00S 19+25E	1.7	56.6	6.5	80.8	319	28	19	676	5.01	5.3	<5	<.1	<1	27	.14	.5	.6	116	.29	.074	8	53	1.03	109	.15	<2	3.58	.02	.06	<2	<.2	44	.3	<.2	10.5
L9+00S 19+50E	1.6	48.4	6.1	75.4	241	22	15	422	4.33	3.7	5	<.1	<1	23	.15	.4	.6	104	.24	.074	6	44	.85	83	.15	<2	3.21	.01	.05	<2	<.2	45	.3	<.2	9.7
L9+00S 19+75E	1.7	45.3	5.4	65.9	202	24	12	337	4.43	3.6	<5	<.1	1	22	.18	.5	.4	107	.23	.050	5	45	.84	79	.17	<2	3.20	.01	.05	<2	<.2	65	.4	<.2	9.2
L9+00S 20+00E	1.6	39.6	7.0	64.6	169	20	11	419	4.55	2.8	5	<.1	1	20	.11	.5	.5	108	.21	.086	4	45	.87	61	.15	<2	2.79	.01	.06	<2	<.2	48	.5	<.2	9.9
L9+00S 20+25E	2.0	44.1	7.3	59.7	240	22	11	332	4.38	4.6	<5	<.1	1	24	.10	.5	.5	113	.27	.039	6	45	.88	78	.19	<2	2.70	.01	.06	<2	<.2	26	<.3	<.2	10.6
L9+00S 20+50E	1.4	47.7	5.8	64.9	184	28	13	428	4.49	4.5	<5	<.1	<1	24	.13	.5	.5	106	.26	.075	5	46	.97	83	.15	<2	3.01	.01	.05	<2	<.2	44	.3	<.2	9.4
L9+00S 20+75E	1.6	44.7	5.7	67.5	262	21	15	558	4.19	3.4	<5	<.1	1	26	.11	.4	.5	96	.28	.061	6	44	.95	86	.14	<2	3.12	.02	.05	<2	<.2	46	.5	<.2	9.2
L9+00S 21+00E	2.9	73.1	7.1	72.8	175	27	21	1614	4.35	4.2	<5	<.1	<1	30	.21	.5	.6	98	.35	.076	13	43	.94	104	.14	2	3.13	.02	.07	<2	<.2	48	.6	<.2	11.0
L9+00S 21+25E	1.6	40.8	5.9	59.4	404	14	10	404	4.14	3.9	<5	<.1	1	22	.10	.5	.5	107	.23	.056	5	40	.72	74	.17	<2	3.02	.01	.05	<2	<.2	58	.5	<.2	10.5
L9+50S 17+75E	2.6	61.5	6.7	68.0	279	27	16	422	4.70	5.6	<5	<.1	<1	36	.21	.6	.5	106	.49	.070	8	48	1.05	108	.14	<2	3.00	.02	.07	<2	<.2	35	.4	<.2	9.9
L9+50S 18+00E	1.4	46.6	5.9	62.2	189	20	13	324	4.25	4.6	<5	<.1	1	23	.16	.5	.4	111	.24	.063	6	44	.85	95	.16	<2	2.86	.01	.05	<2	<.2	29	.3	<.2	10.9
L9+50S 18+25E	1.7	50.7	6.0	75.7	199	23	13	488	4.49	2.8	<5	<.1	1	22	.17	.5	.5	105	.23	.088	5	43	.83	68	.14	<2	3.02	.01	.05	<2	<.2	68	.5	<.2	9.7
L9+50S 18+50E	1.3	57.3	6.0	86.8	240	23	18	843	4.68	4.5	<5	<.1	<1	27	.17	.5	.5	100	.33	.132	8	47	.93	125	.11	2	3.20	.02	.06	<2	<.2	52	.4	<.2	10.8
L9+50S 18+75E	1.4	63.8	5.6	77.9	155	26	18	717	3.89	4.1	<5	<.1	1	20	.15	.5	.6	86	.21	.080	7	41	.85	89	.10	<2	3.07	.01	.05	<2	<.2	35	.4	<.2	9.3
L9+50S 19+00E	1.1	62.6	5.6	79.2	216	31	18	665	4.29	5.2	<5	<.1	<1	26	.11	.6	.6	97	.29	.079	7	50	1.11	103	.11	<2	3.18	.01	.06	<2	<.2	32	<.3	<.2	9.3
RE L9+50S 19+00E	1.2	65.8	6.0	81.0	220	31	20	700	4.49	3.2	<5	<.1	1	24	.12	.5	.5	98	.27	.084	7	50	1.16	96	.10	<2	3.23	.01	.06	<2	<.2	39	<.3	<.2	9.5
L9+50S 19+25E	1.4	66.9	6.7	81.1	157	32	21	1232	4.90	3.8	<5	<.1	<1	32	.14	.5	.6	104	.41	.082	9	50	1.13	111	.11	<2	3.32	.02	.06	<2	<.2	35	.3	<.2	11.1
L9+50S 19+50E	1.8	59.6	5.4	69.6	160	25	17	586	4.31	6.3	<5	<.1	<1	19	.14	.5	.4	101	.21	.105	6	43	.89	75	.14	<2	2.99	.02	.05	<2	<.2	57	.4	<.2	9.5
L9+50S 19+75E	1.6	50.7	5.1	69.9	145	21	14	395	4.03	3.9	<5	<.1	1	20	.20	.4	.4	97	.21	.067	5	41	.82	71	.14	2	2.96	.01	.05	<2	<.2	46	.3	<.2	9.5
L9+50S 20+00E	1.7	39.5	5.2	61.9	80	21	11	381	3.83	3.6	<5	<.1	<1	24	.14	.4	.5	97	.32	.068	4	39	.82	84	.14	3	2.47	.02	.05	<2	<.2	37	<.3	<.2	9.8
L9+50S 20+25E	1.7	53.5	6.2	59.3	414	22	15	389	4.04	4.2	<5	<.1	<1	29	.17	.5	.5	100	.36	.038	11	43	.93	96	.14	<2	3.01	.02	.05	<2	<.2	60	.3	<.2	11.0
L9+50S 20+50E	2.5	42.7	7.1	62.2	306	20	13	353	5.01	4.7	<5	<.1	1	22	.14	.5	.5	116	.23	.122	6	40	.73	88	.15	<2	2.64	.01	.06	<2	<.2	67	.3	<.2	12.5
L9+50S 20+75E	2.0	44.3	5.7	48.9	239	22	10	291	4.26	4.8	<5	<.1	1	20	.10	.5	.4	100	.22	.065	5	41	.80	70	.16	4	2.57	.02	.04	<2	<.2	49	<.3	<.2	10.4
L9+50S 21+00E	1.9	57.1	4.9	51.7	221	16	11	304	4.03	5.1	<5	<.1	<1	18	.19	.4	.4	95	.19	.095	5	40	.73	63	.13	2	2.86	.01	.04	<2	<.2	114	.5	<.2	9.6
L9+50S 21+25E	1.6	29.6	5.9	36.0	389	12	7	212	3.03	2.3	<5	<.1	<1	18	.19	.4	.3	87	.18	.055	5	24	.46	70	.14	<2	1.69	.01	.03	<2	<.2	34	.3	<.2	9.9
L10+50S 17+75E	2.3	70.5	3.9	60.9	369	28	17	428	3.94	4.1	<5	<.1	<1	30	.19	.4	.4	86	.39	.062	8	44	1.11	124	.09	<2	2.86	.01	.07	<2	<.2	38	.3	<.2	8.8
L10+50S 18+00E	9.2	148.2	4.5	67.5	119	30	21	817	3.74	11.7	<5	<.1	<1	50	.23	.4	.5	91	.69	.069	8	53	1.15	89	.11	<2	2.57	.03	.06	<2	<.2	38	1.0	<.2	7.6
L10+50S 18+25E	4.8	154.5	5.2	61.0	74	30	17	593	3.19	8.2	<5	<.1	<1	56	.20	.4	.3	82	.78	.083	9	49	1.13	95	.10	<2	2.39	.03	.06	2	<.2	49	1.5	<.2	6.6
L10+50S 18+50E	4.5	165.5	5.4	67.7	96	31	20	864	3.29	9.5	<5	<.1	<1	57	.28	.4	.5	82	.72	.093	10	49	1.15	95	.10	2	2.42	.03	.07	2	<.2	53	1.5	<.2	6.9
STANDARD D2/HG-500	25.2	131.6	106.0	277.1	2179	34	18	1063	4.46	74.3	21	5.3	18	59	2.10	10.2	25.1	74	.73	.116	17	54	1.20	276	.14	25	2.38	.06	.74	19	2.6	427	.8	2.3	7.0

ICP - 5 GRAM SAMPLE IS DIGESTED WITH 30 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.
- SAMPLE TYPE: P1 ROCK P2 TO P11 SOIL <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: JUL 9 1997 DATE REPORT MAILED: July 21/97 SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L10+50S 18+75E	6.2	169.4	4.7	55.7	136	38	18	649	3.92	16.1	<5	<.1	2	43	.23	.4	.7	96	.48	.050	10	53	1.08	75	.17	<2	3.06	.04	.07	<2	.2	55	.7	.3	7.9
L10+50S 19+00E	4.3	133.4	3.9	58.2	136	37	16	395	3.35	12.7	<5	<.1	1	52	.14	.3	.6	88	.64	.062	8	53	1.15	71	.15	<2	2.81	.03	.07	<2	<.2	60	.7	.2	6.3
L10+50S 19+25E	5.0	154.7	4.6	59.8	91	45	16	334	3.33	14.7	<5	<.1	1	58	.18	.3	.7	92	.72	.061	7	56	1.17	75	.16	3	3.28	.04	.06	<2	.3	57	1.0	.3	7.2
L10+50S 19+50E	6.3	96.2	3.7	51.7	159	29	12	341	4.05	12.3	<5	<.1	<1	64	.13	.5	.5	92	.80	.046	6	52	1.08	110	.14	3	2.76	.03	.06	2	<.2	63	.5	.3	6.9
L10+50S 19+75E	5.0	109.2	5.6	57.6	91	28	13	302	2.46	12.8	<5	<.1	1	44	.17	.3	.7	94	.52	.051	9	58	1.22	65	.15	<2	3.02	.03	.06	2	<.2	43	.4	.2	7.9
L10+50S 20+00E	4.7	62.9	4.8	49.1	69	25	11	311	2.84	8.3	<5	<.1	<1	49	.12	.3	.3	74	.61	.071	6	45	1.07	69	.13	2	2.23	.03	.07	<2	<.2	39	.4	<.2	7.4
L10+50S 20+25E	7.1	155.9	5.6	63.4	90	38	22	886	3.90	15.9	<5	<.1	1	56	.27	.5	.7	92	.66	.081	10	56	1.23	102	.14	2	2.78	.04	.08	<2	<.2	86	.9	.3	6.7
L10+50S 20+50E	7.6	183.9	6.5	60.2	114	35	19	884	3.47	14.7	<5	<.1	1	53	.36	.5	1.2	87	.61	.088	11	53	1.26	92	.12	<2	2.73	.04	.08	<2	<.2	51	1.4	.3	6.6
L10+50S 20+75E	8.9	230.5	4.9	53.7	171	37	17	448	3.46	15.9	<5	<.1	1	52	.18	.4	1.0	88	.63	.085	12	55	1.18	90	.11	2	2.77	.04	.06	<2	<.2	94	1.2	.3	6.3
L10+50S 21+00E	3.9	53.9	6.7	49.2	170	21	9	257	4.36	8.5	<5	<.1	1	24	.14	.5	.3	98	.24	.042	6	49	.86	59	.18	<2	3.05	.02	.04	2	<.2	80	.5	.2	8.9
L10+50S 21+25E	2.7	41.7	6.6	47.0	223	16	10	259	3.20	5.9	<5	<.1	<1	26	.05	.4	.3	84	.25	.031	7	37	.78	62	.17	2	2.80	.02	.05	<2	<.2	50	.3	<.2	8.7
L11+00S 17+75E	3.0	98.0	6.2	65.2	158	31	23	979	4.66	9.5	8	<.1	<1	45	.23	.6	.6	98	.72	.070	10	51	1.42	107	.11	6	3.45	.02	.12	2	<.2	30	.8	.2	8.5
L11+00S 18+00E	7.0	95.2	7.1	86.6	404	27	19	4284	4.15	13.9	<5	<.1	1	43	.55	.6	.7	104	1.00	.096	9	41	.81	106	.08	3	3.10	.03	.08	<2	<.2	87	1.9	.3	8.3
L11+00S 18+25E	4.2	76.1	5.5	57.8	336	26	18	1318	3.62	15.4	<5	<.1	<1	45	.22	.5	.4	103	.87	.092	10	42	1.03	83	.08	6	2.89	.03	.09	<2	.2	57	1.5	<.2	7.6
L11+00S 18+50E	2.5	47.4	6.5	54.1	198	17	12	341	5.26	8.6	<5	<.1	1	34	.18	.6	.3	108	.51	.051	9	37	.80	90	.13	2	3.00	.02	.09	<2	<.2	69	.6	<.2	9.6
L11+00S 18+75E	1.3	54.0	5.3	70.2	118	30	18	501	5.47	8.3	<5	<.1	1	37	.20	.8	.3	104	.34	.058	7	47	1.43	98	.13	<2	3.37	.02	.09	<2	<.2	47	.4	<.2	7.2
L11+00S 19+00E	2.2	46.7	7.5	65.7	417	18	12	460	6.87	6.0	<5	<.1	1	32	.17	.6	.3	132	.25	.098	8	48	1.04	76	.17	<2	3.54	.01	.09	<2	<.2	59	<.3	<.2	11.1
L11+00S 19+25E	1.1	46.2	5.0	61.3	207	24	13	425	4.85	6.5	<5	<.1	1	33	.19	.6	.3	101	.28	.098	5	47	1.16	71	.13	<2	3.66	.02	.07	<2	<.2	87	.3	<.2	7.9
L11+00S 19+50E	1.3	29.4	7.5	55.9	139	18	9	332	5.41	6.8	<5	<.1	1	34	.09	.5	.2	119	.28	.097	7	41	.97	67	.19	4	2.79	.01	.07	<2	<.2	33	<.3	<.2	10.7
RE L11+00S 19+50E	1.2	26.4	7.1	54.8	138	15	10	318	5.18	6.3	<5	<.1	1	29	.09	.5	.3	112	.25	.096	6	39	.94	59	.17	<2	2.63	.02	.05	<2	<.2	35	<.3	<.2	10.0
L11+00S 19+75E	1.9	39.2	5.7	49.9	234	13	8	276	7.02	8.2	<5	<.1	1	24	.26	.6	.2	139	.26	.210	5	36	.59	55	.17	<2	2.93	.02	.04	<2	<.2	127	.4	<.2	8.8
L11+00S 20+00E	1.7	67.4	5.1	69.3	240	26	19	587	5.14	7.3	<5	<.1	1	30	.28	.6	.4	99	.28	.104	9	42	1.08	75	.13	<2	3.37	.02	.07	<2	<.2	77	.3	<.2	7.7
L11+00S 20+25E	1.7	89.2	5.3	70.9	406	32	19	1250	4.59	6.4	<5	<.1	<1	36	.23	.6	.4	99	.34	.055	12	48	1.19	87	.13	<2	3.63	.02	.09	<2	.2	80	<.3	<.2	7.9
L11+00S 20+50E	1.7	77.4	4.8	79.5	404	29	18	485	4.96	7.7	<5	<.1	<1	44	.23	.5	.4	109	.43	.051	10	45	1.21	90	.16	3	3.24	.02	.09	<2	<.2	63	<.3	<.2	7.8
L11+00S 20+75E	5.7	162.2	4.0	59.5	100	31	14	362	3.62	12.1	<5	<.1	1	64	.22	.3	.7	85	.79	.068	8	50	1.07	82	.14	<2	2.57	.04	.06	<2	<.2	63	1.2	.2	5.8
L11+00S 21+00E	6.0	183.1	3.9	61.5	122	34	18	714	3.16	10.8	<5	<.1	<1	51	.21	.3	.8	82	.64	.082	10	51	1.17	78	.13	<2	2.56	.04	.07	<2	<.2	37	.8	.2	5.8
L11+00S 21+25E	1.7	70.5	4.5	78.2	150	33	15	604	4.88	4.6	<5	<.1	1	40	.10	.6	.4	106	.48	.092	6	53	1.33	118	.13	<2	3.03	.01	.09	<2	<.2	71	<.3	<.2	6.7
L11+50S 17+75E	3.8	136.7	8.3	80.7	448	34	18	608	5.06	12.3	6	<.1	2	29	.21	.5	.9	112	.45	.066	9	41	.80	90	.19	2	3.33	.04	.09	<2	<.2	48	.5	.2	11.9
L11+50S 18+00E	6.6	182.9	6.1	60.4	921	26	18	752	4.31	6.8	<5	<.1	1	24	.48	.4	.8	98	.27	.084	20	48	.76	58	.12	<2	3.31	.03	.08	<2	<.2	127	1.0	.2	8.6
L11+50S 18+25E	2.4	78.4	6.7	57.9	289	21	11	307	4.48	6.8	<5	<.1	1	24	.24	.5	.5	95	.23	.058	11	40	.71	59	.13	3	3.21	.02	.07	<2	<.2	92	.6	<.2	9.0
L11+50S 18+50E	1.7	41.2	4.4	58.8	87	25	18	506	4.78	5.6	<5	<.1	1	36	.12	.6	.2	100	.32	.040	6	46	1.34	71	.14	<2	2.82	.03	.08	<2	<.2	32	.3	<.2	6.1
L11+50S 18+75E	2.5	131.5	5.9	76.5	627	29	19	1441	4.21	8.0	<5	<.1	1	42	.47	.4	.7	89	.80	.143	13	39	.88	115	.07	5	3.48	.05	.11	<2	<.2	92	1.2	<.2	8.6
L11+50S 19+00E	1.8	38.1	5.4	43.3	203	15	9	289	5.69	5.4	6	<.1	1	31	.30	.5	.3	140	.25	.091	6	38	.65	62	.23	<2	2.29	.02	.07	<2	<.2	94	<.3	<.2	8.9
L11+50S 19+25E	1.5	54.9	5.6	67.0	219	25	13	438	6.66	5.5	<5	<.1	1	33	.24	.6	.4	124	.30	.211	7	49	1.14	103	.13	3	3.74	.02	.08	<2	<.2	75	.5	<.2	8.9
L11+50S 19+50E	1.2	23.8	4.4	60.0	167	12	9	279	4.45	3.3	<5	<.1	1	30	.10	.3	.2	110	.25	.078	5	35	.57	65	.17	3	2.89	.02	.06	<2	<.2	58	<.3	<.2	7.8
STANDARD D2/HG-500	24.1	122.2	97.9	266.7	1862	30	16	1046	4.58	78.1	31	5.3	18	55	2.07	8.5	24.5	78	.83	.110	20	56	1.25	275	.16	27	2.68	.13	.75	18	2.8	427	.4	2.8	7.2

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L11+50S 19+75E	1.7	59.0	5.7	70.7	383	25	14	418	5.44	5.9	<5	<.1	1	31	.25	.4	.2	105	.32	.088	8	40	.91	94	.12	3	3.22	.01	.06	2	<.2	55	.3	<.2	9.9
L11+50S 20+00E	1.2	30.9	4.9	56.0	180	15	9	456	4.28	4.8	<5	<.1	1	21	.10	.3	.2	101	.21	.103	4	28	.55	54	.14	<2	2.03	.01	.04	<2	<.2	53	<.3	<.2	9.0
L11+50S 20+25E	2.3	69.6	6.2	83.9	269	23	21	3070	4.43	7.2	<5	<.1	<1	39	.17	.2	.4	102	.61	.095	10	41	.99	121	.09	2	3.06	.01	.09	<2	.2	61	.5	<.2	9.5
L11+50S 20+50E	2.0	57.5	6.3	60.0	309	18	16	1704	3.76	4.9	<5	<.1	<1	30	.14	.3	.4	97	.37	.087	13	37	.82	84	.10	<2	2.49	.02	.08	<2	<.2	60	.3	<.2	9.4
L11+50S 20+75E	6.4	89.2	5.7	73.4	437	27	20	2312	4.29	10.6	<5	<.1	<1	41	.35	.3	.5	109	.70	.117	15	45	.91	76	.10	<2	2.93	.02	.08	<2	.2	65	1.4	.2	9.6
L11+50S 21+00E	2.8	62.5	5.3	69.8	234	35	19	607	4.99	8.4	<5	<.1	<1	43	.10	.3	.5	105	.71	.129	7	54	1.06	108	.09	5	2.75	.01	.08	<2	<.2	67	.4	<.2	8.8
L11+50S 21+25E	22.1	100.0	4.5	66.8	96	38	31	1229	7.77	12.3	<5	<.1	1	53	.08	.3	.7	147	.90	.120	8	61	1.51	96	.13	7	2.95	.04	.11	<2	.2	35	1.0	.4	8.4
L12+50S 17+75E	2.6	22.7	5.9	17.5	70	2	4	141	2.65	7.0	<5	<.1	1	16	<.01	<.2	1.0	125	.21	.053	3	10	.25	20	.27	<2	.92	.02	.03	<2	<.2	53	<.3	.6	10.7
L12+50S 18+00E	1.2	30.0	4.2	41.4	139	7	9	233	3.39	3.0	7	<.1	1	23	.03	<.2	.2	101	.37	.114	4	16	.49	54	.20	<2	2.54	.03	.05	<2	<.2	52	<.3	<.2	9.4
L12+50S 18+25E	1.0	29.8	5.0	38.7	187	15	11	3106	2.47	3.5	<5	<.1	<1	29	.13	.2	.4	95	.53	.070	4	42	.50	60	.19	6	1.38	.03	.05	<2	<.2	39	<.3	<.2	8.4
L12+50S 18+50E	2.2	56.2	7.1	73.5	112	10	18	7000	2.90	5.9	<5	<.1	<1	25	.28	<.2	.5	102	.60	.122	4	24	.33	88	.09	13	1.69	.03	.04	<2	<.2	80	.3	<.2	9.1
L12+50S 18+75E	1.6	68.0	5.9	76.1	476	22	15	453	5.51	10.6	<5	<.1	<1	33	.16	.4	.4	118	.45	.115	7	39	.96	104	.11	<2	3.29	.01	.08	<2	<.2	61	.4	<.2	9.9
L12+50S 19+00E	1.9	60.0	7.1	68.9	395	20	13	400	5.80	7.0	<5	<.1	1	22	.14	.4	.4	155	.30	.127	5	34	.99	90	.15	<2	2.95	.02	.11	<2	<.2	62	<.3	<.2	12.5
L12+50S 19+25E	1.6	53.5	7.0	78.6	292	18	13	459	4.82	5.3	<5	<.1	1	25	.15	.5	.3	105	.24	.079	5	45	.89	75	.11	<2	3.42	.01	.08	<2	<.2	50	.4	<.2	9.6
L12+50S 19+50E	1.2	54.6	5.9	75.9	129	25	16	447	4.95	8.2	<5	<.1	1	29	.15	.4	.3	105	.32	.130	5	46	1.10	111	.12	3	3.15	.01	.09	<2	<.2	55	<.3	<.2	8.5
L12+50S 19+75E	1.7	43.6	5.1	64.6	193	18	14	416	4.89	6.1	<5	<.1	1	26	.26	.4	.1	101	.28	.124	6	38	.80	66	.14	<2	3.42	.01	.06	<2	<.2	78	.4	<.2	8.8
L12+50S 20+00E	.9	35.3	4.7	63.8	219	17	12	461	4.34	5.5	<5	<.1	<1	28	.11	.3	.1	97	.30	.142	5	41	.91	71	.11	<2	2.68	.01	.06	<2	<.2	43	<.3	<.2	8.1
L12+50S 20+25E	2.8	47.3	5.6	55.6	458	15	13	695	4.39	8.7	<5	<.1	<1	30	.22	.4	.3	114	.33	.070	6	33	.78	68	.16	<2	2.50	.02	.07	<2	<.2	41	.5	<.2	10.5
RE L12+50S 20+25E	2.6	53.5	5.4	59.5	442	14	15	764	4.86	6.4	<5	<.1	<1	31	.22	.2	.4	122	.33	.075	7	34	.84	79	.16	<2	2.68	.02	.07	<2	<.2	46	.6	<.2	10.2
L12+50S 20+50E	2.2	57.5	4.4	51.7	382	12	9	377	4.80	5.3	<5	<.1	<1	29	.28	.3	.3	99	.32	.239	5	36	.55	78	.10	<2	2.86	.01	.05	<2	<.2	79	.4	<.2	8.8
L12+50S 20+75E	1.7	48.6	4.3	48.2	175	27	11	355	5.00	5.8	<5	<.1	<1	43	.09	.3	.2	112	.75	.113	5	72	.79	59	.14	<2	2.76	.01	.10	<2	<.2	52	.4	<.2	8.8
L12+50S 21+00E	5.7	84.8	4.6	72.4	181	73	28	1400	4.94	8.7	<5	<.1	<1	50	.11	.3	.9	126	.75	.079	6	116	1.39	67	.22	3	2.93	.03	.08	<2	<.2	50	.4	.2	10.6
L12+50S 21+25E	1.7	101.5	4.9	64.2	276	38	21	789	4.68	8.1	<5	<.1	<1	55	.18	.5	.4	107	.83	.078	13	73	1.36	88	.14	<2	2.85	.03	.11	<2	.2	36	.6	<.2	7.9
L13+00S 17+75E	1.3	61.5	3.2	24.8	163	8	8	145	3.00	4.8	<5	<.1	<1	19	.11	.2	.4	79	.23	.182	3	12	.34	24	.12	<2	2.71	.02	.04	<2	<.2	81	.5	<.2	8.5
L13+00S 18+00E	1.2	26.1	4.1	25.9	56	5	6	168	2.95	4.0	<5	<.1	<1	18	.09	<.2	.5	124	.25	.106	4	12	.50	20	.24	<2	1.68	.02	.04	<2	<.2	44	<.3	.2	11.6
L13+00S 18+25E	.9	35.4	5.1	41.5	129	19	14	865	4.61	7.8	<5	<.1	<1	30	.06	.2	.4	117	.33	.189	3	52	.58	41	.16	<2	1.64	.03	.03	<2	<.2	53	.3	<.2	10.4
L13+00S 18+50E	1.3	27.7	3.8	22.7	217	7	4	115	2.34	4.5	<5	<.1	<1	19	.13	<.2	.4	75	.24	.190	3	21	.26	27	.12	<2	1.64	.01	.04	<2	<.2	84	.4	<.2	8.5
L13+00S 18+75E	1.1	71.1	4.2	60.5	298	26	16	407	4.38	2.4	<5	<.1	<1	27	.08	.4	.5	103	.35	.169	5	41	1.09	69	.12	<2	3.25	.02	.07	<2	<.2	72	.4	<.2	6.8
L13+00S 19+00E	2.0	59.1	6.4	78.0	170	25	20	1142	4.94	7.3	<5	<.1	<1	30	.07	.4	.4	114	.34	.121	7	50	1.09	87	.12	<2	2.90	.02	.09	<2	<.2	51	.3	<.2	10.1
L13+00S 19+25E	1.7	63.0	4.9	73.6	182	27	16	655	5.08	7.5	<5	<.1	<1	33	.08	.4	.4	116	.39	.106	6	49	1.27	84	.11	2	3.22	.01	.10	<2	<.2	40	.3	<.2	9.0
L13+00S 19+50E	2.9	47.3	5.4	74.4	234	18	12	1807	4.04	5.0	<5	<.1	<1	36	.13	.3	.2	106	.60	.092	6	35	.80	89	.12	<2	2.35	.01	.08	<2	<.2	54	.3	<.2	10.2
L13+00S 19+75E	1.9	59.5	4.2	64.2	279	22	13	462	6.14	7.7	7	<.1	<1	26	.14	.4	.4	129	.33	.263	5	42	.95	80	.12	7	3.00	.02	.07	<2	<.2	70	.4	<.2	8.9
L13+00S 20+00E	2.5	63.5	4.1	44.7	311	11	9	274	4.92	7.4	<5	<.1	<1	21	.16	.2	.4	112	.23	.217	5	31	.63	62	.12	<2	3.24	.01	.06	<2	<.2	101	.6	<.2	8.6
L13+00S 20+25E	1.2	60.0	4.5	65.6	151	22	15	365	4.78	6.3	<5	<.1	2	27	.06	.3	.4	113	.28	.116	5	47	.97	73	.16	2	3.82	.01	.11	<2	<.2	47	.3	<.2	9.2
L13+00S 20+50E	3.3	65.9	3.3	47.2	298	44	11	274	5.61	8.5	<5	<.1	1	28	.19	.3	.4	137	.31	.158	5	90	.94	56	.21	<2	2.74	.02	.06	<2	<.2	57	.3	.2	10.4
STANDARD D2/HG-500	25.1	127.8	101.8	273.3	1980	30	16	1049	4.53	72.1	22	5.4	18	59	2.16	8.8	21.6	74	.73	.118	17	54	1.19	272	.14	25	2.40	.06	.73	17	2.8	430	.5	2.6	8.3

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

Data d FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L13+00S 20+75E	1.1	51.0	4.5	66.3	277	30	17	506	5.47	4.7	<5	<.1	1	28	.12	.4	.3	109	.28	.093	5	69	1.36	68	.13	2	3.54	.01	.07	<2	<.2	66	<.3	<.2	8.2
L13+00S 21+00E	1.0	32.5	4.3	54.4	217	29	11	333	4.72	1.8	<5	<.1	1	21	.11	.2	.2	94	.21	.141	5	102	.82	51	.13	<2	3.44	.01	.05	<2	<.2	100	<.3	<.2	8.3
L22+50S 23+50E	2.9	79.3	4.7	102.7	562	99	31	661	6.94	90.2	<5	<.1	1	19	.18	.5	.5	136	.24	.065	5	150	.96	130	.06	4	3.24	.02	.05	<2	<.2	52	1.1	.3	8.8
L22+50S 23+75E	7.1	65.8	9.7	104.0	661	122	20	1537	4.93	62.5	8	<.1	1	38	.53	.6	.5	100	.68	.068	17	65	.88	120	.13	2	4.19	.03	.06	<2	.2	117	1.8	<.2	12.0
L22+50S 24+00E	2.9	40.7	7.1	95.2	165	54	16	413	6.45	85.8	<5	<.1	1	14	.14	.4	.3	151	.15	.132	4	116	1.07	51	.09	<2	2.62	.01	.04	<2	<.2	86	.4	<.2	12.3
L22+50S 24+25E	2.3	42.5	7.4	97.3	238	32	18	703	5.12	25.4	<5	<.1	1	17	.13	.3	.4	118	.24	.054	7	56	.92	78	.13	2	3.69	.02	.06	<2	<.2	84	.7	<.2	11.3
L22+50S 24+50E	1.9	40.2	7.7	73.4	164	30	11	428	5.13	19.0	<5	<.1	1	16	.14	.4	.4	129	.16	.067	4	58	.76	108	.13	5	2.14	.01	.05	<2	<.2	59	.5	<.2	11.6
L22+50S 24+75E	1.4	29.8	6.5	55.6	156	99	26	860	6.16	8.6	<5	<.1	<1	18	.10	.4	<.1	132	.21	.134	3	165	2.73	32	.16	2	3.30	.03	.04	<2	<.2	100	<.3	<.2	11.7
L22+50S 25+00E	2.5	51.8	9.8	116.7	373	60	20	839	5.96	35.4	<5	<.1	1	17	.20	.5	.3	122	.18	.080	5	86	1.22	100	.08	<2	3.50	.01	.06	<2	<.2	98	1.1	<.2	10.5
L22+50S 25+25E	1.0	31.6	5.0	52.9	230	34	12	311	5.01	26.2	<5	<.1	<1	10	.14	.2	.4	124	.11	.132	3	70	.72	51	.07	<2	2.72	.02	.04	<2	<.2	69	.3	<.2	10.6
L22+50S 25+50E	.6	50.6	5.2	64.3	225	35	16	782	4.10	6.6	<5	<.1	<1	19	.13	.2	.2	112	.36	.086	2	90	1.60	62	.14	<2	2.85	.02	.07	<2	<.2	71	<.3	<.2	8.4
L22+50S 25+75E	4.1	51.9	16.1	136.9	509	54	16	604	6.32	121.1	<5	<.1	1	15	.37	1.3	.5	101	.08	.109	6	51	.45	104	.02	<2	1.99	<.01	.05	<2	<.2	42	1.3	.3	7.1
L22+50S 26+00E	3.6	70.5	12.5	113.3	517	57	21	456	6.81	107.1	<5	<.1	1	14	.33	.8	.5	126	.07	.138	7	70	.40	82	.02	3	2.04	.01	.04	<2	<.2	63	1.6	.2	6.9
L22+50S 26+25E	2.3	60.5	7.3	80.9	139	43	23	1421	6.26	26.9	<5	<.1	<1	14	.25	.4	.4	140	.18	.280	4	116	1.21	60	.08	<2	3.14	.01	.06	<2	<.2	71	.7	<.2	10.1
L22+50S 26+50E	1.0	67.0	4.6	89.1	266	51	22	533	4.74	12.8	<5	<.1	<1	19	.21	.2	.4	117	.30	.071	4	109	1.94	63	.18	<2	4.09	.03	.06	<2	<.2	57	.5	<.2	9.0
L22+50S 26+75E	1.5	39.4	8.0	77.5	177	31	12	308	5.02	28.1	<5	<.1	<1	14	.26	.3	.3	126	.23	.106	3	70	1.03	59	.12	<2	2.52	.02	.06	<2	<.2	57	.4	<.2	9.6
L22+50S 27+00E	.9	43.1	7.3	77.0	410	31	15	412	5.17	11.3	<5	<.1	<1	13	.22	.4	.1	134	.20	.100	3	79	1.23	66	.10	<2	2.95	.02	.08	<2	<.2	50	<.3	<.2	9.8
L22+50S 27+25E	.6	60.3	4.6	84.7	243	38	21	562	4.81	3.6	6	<.1	<1	15	.17	.3	.4	127	.28	.103	2	99	1.86	46	.16	24	3.50	.03	.07	<2	<.2	41	<.3	<.2	10.0
L22+50S 27+50E	3.3	61.8	10.4	106.9	866	52	20	520	5.19	41.4	<5	<.1	1	20	.47	.6	.3	105	.23	.100	7	56	.80	97	.08	2	3.06	.01	.07	<2	<.2	63	.9	<.2	8.1
L22+50S 27+75E	2.9	38.3	10.2	77.9	574	29	12	317	4.36	40.6	<5	<.1	1	17	.34	.5	.4	100	.18	.146	5	41	.61	75	.08	<2	2.41	.02	.05	<2	<.2	90	.3	.3	8.6
RE L22+50S 27+75E	2.9	40.5	10.4	78.4	585	25	11	325	4.51	39.5	<5	<.1	1	17	.36	.4	.4	102	.19	.150	5	43	.62	88	.08	<2	2.55	.01	.05	<2	<.2	74	.3	.2	9.1
L22+50S 28+00E	1.4	53.2	5.4	103.4	247	27	15	522	4.57	43.3	<5	<.1	1	18	.40	.3	.2	100	.19	.128	6	44	.83	100	.09	<2	3.37	.01	.06	<2	<.2	66	.3	<.2	8.3
L22+50S 28+25E	1.1	65.2	5.0	66.2	556	16	15	558	5.05	14.5	<5	<.1	1	20	.11	.4	.4	132	.23	.089	5	30	1.08	70	.14	2	2.74	.01	.07	<2	<.2	41	<.3	<.2	10.3
L23+00S 23+50E	.7	28.4	5.3	49.3	291	23	11	449	3.29	6.1	7	<.1	<1	14	.07	.2	.1	106	.23	.051	3	52	1.00	58	.12	<2	2.14	.02	.04	<2	<.2	73	<.3	<.2	9.5
L23+00S 23+75E	1.0	61.4	3.5	54.0	134	41	16	527	4.24	3.9	6	<.1	<1	14	.17	.2	.3	107	.29	.103	2	65	1.33	43	.17	<2	2.49	.03	.07	<2	<.2	60	<.3	<.2	8.6
L23+00S 24+00E	2.1	53.2	6.4	86.1	905	36	16	705	4.71	27.1	<5	<.1	1	15	.17	.4	.4	113	.19	.078	5	67	1.04	93	.12	<2	3.40	.02	.05	<2	<.2	96	.7	.2	10.9
L23+00S 24+25E	2.7	49.5	6.3	83.9	521	55	19	444	5.21	39.5	<5	<.1	<1	35	.20	.5	.2	116	.81	.065	8	72	.70	81	.12	<2	3.08	.01	.06	<2	<.2	78	1.5	<.2	10.7
L23+00S 24+50E	2.1	30.6	5.8	65.7	497	19	7	381	4.24	48.6	<5	<.1	<1	11	.22	.3	.3	105	.18	.058	4	52	.56	68	.10	<2	2.06	.01	.05	<2	<.2	82	.5	<.2	11.0
L23+00S 24+75E	1.7	33.9	5.6	98.9	309	27	10	422	4.78	35.2	6	<.1	1	13	.16	.4	.3	93	.12	.085	5	49	.70	77	.11	18	4.32	.02	.06	<2	<.2	97	.5	<.2	10.5
L23+00S 25+00E	1.5	44.3	7.5	79.3	276	29	13	473	4.72	105.4	8	<.1	1	14	.20	1.4	.2	104	.15	.076	5	54	.80	80	.10	2	3.77	.01	.06	<2	<.2	74	.6	<.2	11.2
L23+00S 25+25E	1.0	36.2	7.0	63.1	419	32	12	498	4.29	21.8	8	<.1	<1	15	.18	.4	.3	106	.13	.101	4	57	.66	79	.07	<2	2.32	.01	.05	<2	<.2	85	.5	<.2	8.9
L23+00S 25+50E	3.7	77.4	11.2	168.3	1276	91	21	886	9.06	130.5	7	<.1	2	24	.59	.9	.8	87	.25	.124	11	45	.27	213	.01	<2	2.09	<.01	.07	<2	<.2	62	3.5	.5	6.0
L23+00S 25+75E	2.9	84.8	10.3	182.1	398	73	27	874	8.79	71.8	9	<.1	1	17	.42	.6	.4	152	.15	.124	8	101	1.33	100	.03	<2	3.45	.02	.09	<2	<.2	56	1.6	.3	10.1
L23+00S 26+00E	2.3	83.0	7.4	106.3	335	69	30	1751	6.53	27.9	8	<.1	<1	25	.41	.4	.4	145	.40	.129	8	102	1.75	97	.06	5	3.49	.02	.08	2	<.2	63	.8	.2	10.1
L23+00S 26+25E	1.8	44.2	10.3	74.2	423	39	19	1003	4.97	26.4	8	<.1	<1	53	.31	.5	.2	127	1.01	.096	6	67	.75	226	.05	2	2.27	.01	.06	<2	<.2	80	1.1	<.2	7.8
STANDARD D2/HG-500	25.9	132.9	103.9	278.5	1899	32	18	1063	4.53	74.8	27	5.3	19	60	2.06	8.4	22.2	76	.73	.116	17	55	1.20	268	.14	27	2.49	.06	.74	19	2.8	420	.4	2.5	8.4

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L23+00S 26+50E	1.9	49.2	7.0	84.6	312	49	17	858	5.05	14.7	<5	<.1	<1	17	.27	.4	.2	112	.23	.137	5	82	1.23	94	.10	2	3.10	.02	.05	<2	<.2	64	.5	<.2	10.0
L23+00S 26+75E	1.5	69.2	12.6	89.2	607	59	23	2302	4.67	16.5	<5	<.1	<1	47	.56	.6	.3	114	.89	.106	9	82	1.72	131	.08	<2	2.83	.02	.13	<2	.2	88	.6	<.2	9.0
L23+00S 27+00E	1.8	101.4	10.8	90.2	366	62	30	2295	6.05	36.2	<5	<.1	<1	34	.75	1.0	.6	122	.69	.104	10	93	1.65	100	.06	5	2.72	.01	.11	<2	<.2	48	.9	<.2	7.5
L23+00S 27+25E	1.1	84.4	8.2	89.5	707	43	20	1264	4.46	18.4	<5	<.1	<1	36	.77	.4	.3	98	.69	.127	10	73	1.27	71	.09	<2	3.28	.02	.07	<2	<.2	61	.9	<.2	9.0
L23+00S 27+50E	3.3	54.8	8.4	84.2	454	42	13	605	5.01	31.2	<5	<.1	<1	16	.58	.8	.3	99	.21	.136	6	57	.70	62	.07	<2	2.13	.01	.06	<2	<.2	66	1.1	<.2	8.9
L23+00S 27+75E	2.3	72.4	7.7	85.6	353	29	18	677	5.44	21.4	<5	<.1	<1	15	.29	.5	.3	117	.19	.139	5	36	.87	79	.05	4	2.62	.01	.08	<2	.2	51	.4	<.2	9.0
L23+00S 28+00E	1.8	58.0	6.6	84.1	475	29	17	671	4.80	29.0	<5	<.1	<1	19	.24	.4	.4	106	.23	.137	6	44	.98	94	.08	<2	2.72	.01	.06	<2	<.2	45	.3	<.2	8.5
L23+00S 28+25E	1.9	66.9	6.6	106.1	300	27	17	679	5.22	35.5	<5	<.1	<1	20	.26	.5	.5	115	.28	.100	5	37	1.20	81	.08	2	2.51	.01	.08	<2	<.2	30	<.3	.3	8.6
L23+50S 23+50E	1.6	56.9	5.7	62.3	264	57	20	352	4.27	22.0	<5	<.1	<1	13	.14	.4	.5	92	.20	.079	4	78	.92	53	.12	3	3.10	.01	.05	<2	.2	59	.5	.2	9.7
L23+50S 23+75E	.9	52.1	3.3	50.7	166	50	19	378	3.53	9.0	<5	<.1	<1	15	.16	.3	.2	84	.37	.051	3	81	.82	54	.14	<2	2.47	.02	.05	<2	.2	44	.4	<.2	7.2
L23+50S 24+00E	1.2	51.9	4.1	56.9	253	41	17	880	4.43	10.5	<5	<.1	<1	11	.14	.2	.3	107	.19	.179	3	85	1.21	46	.13	<2	2.63	.03	.04	<2	<.2	57	.7	<.2	8.8
L23+50S 24+25E	1.3	40.7	6.4	54.4	378	33	13	632	3.68	15.9	6	<.1	<1	12	.14	.3	.4	92	.17	.144	4	59	.86	36	.11	2	3.04	.02	.06	<2	<.2	100	.6	<.2	10.1
L23+50S 24+50E	.7	103.9	2.7	91.5	176	93	41	1042	6.58	31.5	5	<.1	<1	18	.17	.3	.5	156	.34	.064	6	142	2.17	95	.11	<2	3.44	.02	.12	<2	.2	32	1.0	.2	8.9
L23+50S 24+75E	1.2	51.9	4.8	76.0	503	42	20	574	5.69	17.2	<5	<.1	<1	11	.16	.4	.3	131	.15	.071	4	84	1.29	71	.12	7	3.51	.01	.05	<2	<.2	65	.3	<.2	11.7
L23+50S 25+00E	1.4	70.3	6.3	75.3	642	48	20	874	5.95	26.9	<5	<.1	<1	11	.19	.4	.3	112	.15	.137	3	70	.97	57	.13	<2	3.67	.03	.05	<2	<.2	91	.5	.4	11.3
L23+50S 25+25E	1.6	46.6	6.3	61.0	550	29	11	408	4.81	28.3	<5	<.1	<1	12	.19	.5	.2	106	.13	.085	4	60	.97	50	.10	<2	3.33	.01	.04	<2	<.2	95	.6	.2	10.4
RE L23+50S 25+25E	1.8	47.9	6.4	60.5	585	29	11	413	4.97	30.1	<5	<.1	<1	12	.20	.6	.3	109	.13	.085	5	61	.99	50	.10	<2	3.40	.01	.05	<2	<.2	96	.6	.2	11.2
L23+50S 25+50E	4.2	62.7	7.5	100.8	799	33	17	692	7.73	254.2	<5	<.1	1	8	.17	.7	.4	114	.07	.116	5	56	.78	78	.06	3	2.72	.01	.04	<2	<.2	72	1.1	.6	10.6
L23+50S 25+75E	5.2	70.3	13.8	175.3	1523	50	18	1922	8.16	212.3	<5	<.1	<1	19	.41	2.1	.4	94	.23	.130	10	47	.77	114	.05	<2	2.41	.01	.05	<2	<.2	106	3.7	.6	8.9
L23+50S 26+00E	4.2	59.0	10.0	150.0	965	65	21	1750	7.02	111.0	<5	<.1	<1	27	.44	1.3	.6	107	.46	.180	9	67	.61	113	.04	<2	2.43	.01	.07	<2	<.2	66	2.3	.5	8.2
L23+50S 26+25E	5.0	70.3	8.3	103.7	506	61	24	1438	7.81	67.3	<5	<.1	<1	12	.40	.8	.6	134	.09	.137	8	80	.74	64	.04	<2	2.26	.01	.05	<2	<.2	48	1.5	.5	8.8
L23+50S 26+50E	1.9	66.8	5.3	68.8	421	42	22	1596	6.19	20.2	<5	<.1	<1	10	.21	.3	.4	148	.12	.200	4	91	1.25	51	.04	<2	2.60	<.01	.07	<2	<.2	58	.8	.3	10.2
L23+50S 26+75E	1.9	80.5	6.6	81.0	622	70	27	1191	6.16	33.9	5	<.1	<1	44	.42	.4	.3	141	.63	.077	12	105	1.71	91	.06	<2	3.14	.01	.07	<2	<.2	46	.9	.2	9.1
L23+50S 27+00E	3.4	55.1	7.8	79.7	397	52	20	928	6.58	38.5	<5	<.1	<1	21	.35	.8	.5	133	.26	.171	6	85	1.01	93	.06	2	2.71	.02	.08	<2	<.2	72	.9	.2	10.4
L23+50S 27+25E	1.1	88.5	3.9	72.5	236	55	27	1589	5.08	13.1	<5	<.1	<1	28	.24	.3	.3	139	.61	.094	5	141	2.92	71	.12	<2	3.19	.02	.22	<2	<.2	48	.3	<.2	8.7
L23+50S 27+50E	1.2	67.5	6.9	92.0	254	41	24	1568	4.96	14.7	<5	<.1	<1	27	.16	.2	.5	123	.34	.144	4	96	1.61	52	.12	2	2.59	.02	.06	<2	<.2	36	.3	.2	9.8
L23+50S 27+75E	2.0	99.1	9.7	93.5	364	60	28	1799	5.71	28.7	<5	<.1	<1	40	.58	.6	.4	124	.70	.124	12	88	1.61	105	.07	2	3.04	.02	.09	<2	<.2	79	1.2	.2	9.1
L23+50S 28+00E	1.3	42.6	7.1	74.6	371	41	17	609	5.08	9.6	<5	<.1	<1	24	.23	.3	.2	107	.27	.130	8	77	1.31	121	.06	<2	2.90	.02	.07	<2	<.2	54	<.3	<.2	10.3
L23+50S 28+25E	1.1	77.0	8.1	82.7	90	72	25	1331	5.28	5.4	<5	<.1	1	79	.20	.2	.2	105	.81	.106	18	100	1.95	119	.10	2	3.02	.05	.13	<2	<.2	26	<.3	<.2	9.0
L24+50S 23+50E	.7	59.1	3.3	69.0	316	60	23	506	5.29	12.7	<5	<.1	<1	15	.08	.2	.3	135	.33	.063	3	114	1.91	66	.11	2	3.39	.04	.07	<2	<.2	50	<.3	<.2	10.7
L24+50S 23+75E	.6	53.1	3.9	72.7	445	48	23	668	5.24	7.0	<5	<.1	<1	14	.11	.2	.3	140	.27	.085	3	120	2.14	77	.15	<2	3.20	.02	.07	<2	<.2	58	<.3	.2	11.4
L24+50S 24+00E	.6	56.2	2.8	72.1	265	60	24	551	5.28	9.5	<5	<.1	1	17	.12	.2	.3	148	.37	.056	3	127	2.40	92	.15	<2	3.44	.03	.07	<2	<.2	41	<.3	.2	11.2
L24+50S 24+25E	.6	50.9	3.0	64.5	305	55	21	428	5.79	7.8	<5	<.1	1	11	.16	<.2	.2	155	.23	.054	2	112	1.56	70	.12	<2	2.93	.02	.05	<2	<.2	59	<.3	<.2	10.8
L24+50S 24+50E	.7	53.0	4.2	68.4	195	44	19	535	4.38	12.6	<5	<.1	<1	13	.15	.2	.3	108	.27	.111	3	81	1.56	42	.12	2	3.27	.03	.06	<2	<.2	75	<.3	<.2	9.5
L24+50S 24+75E	.7	52.1	3.9	65.4	386	50	22	715	5.27	6.8	<5	<.1	<1	10	.16	.2	.3	138	.28	.085	2	103	1.87	46	.14	2	3.15	.04	.06	<2	<.2	47	<.3	.2	11.9
STANDARD D2/HG-500	25.3	130.5	98.6	276.6	1963	31	16	1046	4.70	74.0	18	5.1	18	60	2.13	8.5	22.3	74	.71	.117	17	56	1.22	275	.14	26	2.45	.06	.75	17	2.8	445	.5	2.4	8.6

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L24+50S 25+00E	.7	45.3	4.2	61.3	210	36	16	570	4.88	7.8	<5	<.1	1	9	.17	.3	.5	127	.19	.054	3	77	1.04	57	.09	3	2.58	.02	.04	<2	<.2	46	.3	.2	8.6
L24+50S 25+25E	.6	47.8	4.3	61.9	197	38	19	738	4.01	3.6	<5	<.1	<1	10	.12	<.2	.4	111	.28	.067	2	75	1.06	40	.12	<2	2.25	.03	.04	<2	<.2	59	<.3	<.2	7.8
L24+50S 25+50E	.7	60.8	4.1	60.4	303	55	23	675	5.25	16.8	<5	<.1	1	11	.21	.3	.4	133	.20	.053	3	107	1.13	55	.11	<2	2.83	.02	.04	<2	<.2	48	.4	.2	8.7
L24+50S 25+75E	.5	74.1	3.1	60.5	383	71	26	461	4.36	7.4	5	<.1	<1	17	.17	.2	.5	108	.51	.067	3	141	1.41	41	.17	2	2.98	.05	.08	<2	<.2	31	.3	<.2	7.3
L24+50S 26+00E	1.2	66.4	4.5	73.2	205	72	27	861	6.74	15.5	<5	<.1	<1	13	.20	.3	.4	167	.30	.049	4	161	1.95	49	.14	6	3.34	.03	.07	<2	<.2	67	.3	.3	8.2
L24+50S 26+25E	1.2	59.8	3.8	57.9	301	43	22	866	5.69	12.5	<5	<.1	<1	14	.13	.2	.6	156	.27	.110	3	123	1.69	52	.14	3	2.68	.03	.08	<2	<.2	49	<.3	.3	9.4
L24+50S 26+50E	1.0	48.8	4.3	59.5	1161	46	22	819	5.57	11.7	<5	<.1	1	12	.12	.2	.3	145	.23	.123	2	113	1.87	45	.15	7	2.82	.02	.05	<2	<.2	62	<.3	.2	9.1
L24+50S 26+75E	1.7	42.8	6.7	62.8	352	34	15	472	4.81	15.1	<5	<.1	1	15	.14	.3	.7	126	.25	.125	3	79	1.26	51	.12	<2	2.53	.03	.06	<2	<.2	14	.3	.2	8.9
L24+50S 27+00E	1.1	72.2	9.6	90.8	365	47	26	1511	5.36	13.9	<5	<.1	<1	22	.35	.2	.5	131	.43	.130	5	102	1.88	66	.10	7	3.04	.04	.07	<2	<.2	52	.3	<.2	9.5
L24+50S 27+25E	1.1	66.6	8.6	102.2	227	48	25	1318	5.30	9.9	<5	<.1	<1	26	.25	.3	.5	124	.47	.111	6	91	1.72	101	.12	2	3.32	.04	.09	<2	<.2	72	.5	<.2	8.3
L24+50S 27+50E	1.2	103.4	5.4	69.7	455	69	26	1035	5.75	7.0	<5	<.1	1	37	.27	.3	.6	133	.81	.053	20	86	1.61	101	.06	9	2.90	.03	.12	<2	<.2	29	.5	<.2	7.3
L24+50S 27+75E	.9	26.7	6.1	65.5	187	24	12	359	3.70	4.0	<5	<.1	1	25	.18	.2	.1	95	.26	.091	7	53	.90	107	.08	<2	2.59	.02	.06	<2	<.2	29	<.3	<.2	7.4
L24+50S 28+00E	2.0	30.1	6.7	65.0	312	28	15	1925	3.73	6.3	<5	<.1	<1	41	.55	.3	.3	87	.78	.070	10	53	.83	133	.08	4	2.97	.02	.07	<2	<.2	65	.9	<.2	8.0
RE L24+50S 28+00E	1.7	30.2	6.5	64.0	288	29	15	1912	3.72	4.3	<5	<.1	<1	41	.49	.2	.1	87	.77	.071	10	53	.84	125	.07	3	2.98	.03	.06	<2	<.2	61	.9	<.2	7.4
L24+50S 28+25E	1.0	42.9	4.6	65.1	140	42	18	1055	5.16	2.3	<5	<.1	<1	17	.15	<.2	.3	131	.33	.093	3	93	1.67	48	.14	<2	2.57	.04	.05	<2	<.2	42	<.3	<.2	9.7
L25+00S 23+50E	.4	63.3	2.7	59.2	315	38	20	411	5.27	4.6	<5	<.1	1	25	.12	.2	.7	145	.39	.092	2	109	1.77	45	.21	<2	2.39	.04	.05	<2	<.2	50	<.3	.2	8.3
L25+00S 23+75E	.8	81.4	4.3	80.3	469	39	21	762	4.88	8.2	<5	<.1	<1	16	.12	.2	.5	142	.24	.059	4	102	1.57	68	.13	4	3.35	.02	.06	<2	<.2	63	.5	<.2	8.9
L25+00S 24+00E	.7	75.6	3.1	67.7	382	40	20	661	4.91	12.9	<5	<.1	1	16	.10	.2	.6	159	.27	.056	3	113	1.98	69	.16	<2	3.07	.03	.06	<2	<.2	35	.3	<.2	8.8
L25+00S 24+25E	.4	141.1	2.9	66.5	129	41	21	455	4.32	4.9	<5	<.1	<1	16	.09	.3	.8	119	.29	.055	2	79	1.72	50	.17	3	2.54	.03	.04	<2	<.2	44	.4	<.2	7.4
L25+00S 24+50E	.5	52.8	3.7	71.8	183	42	20	608	4.94	4.1	<5	<.1	<1	9	.08	.2	.3	129	.21	.071	3	102	1.78	52	.16	<2	2.95	.03	.04	<2	<.2	29	<.3	<.2	8.8
L25+00S 24+75E	.4	54.0	3.4	67.3	365	51	22	457	5.75	3.2	6	<.1	<1	9	.08	.2	.4	156	.17	.086	2	119	1.74	48	.13	<2	2.77	.03	.05	<2	<.2	35	<.3	<.2	8.9
L25+00S 25+00E	.3	41.9	2.6	57.1	185	34	18	671	4.52	5.0	6	<.1	<1	9	.09	<.2	.4	144	.33	.039	2	94	1.63	41	.16	4	2.48	.04	.05	<2	<.2	35	<.3	<.2	8.5
L25+00S 25+25E	.9	52.8	3.0	69.3	278	51	25	661	5.58	2.8	<5	<.1	<1	10	.18	.2	.4	165	.25	.038	2	128	2.26	47	.20	3	3.00	.04	.06	<2	<.2	35	.3	.2	9.7
L25+00S 25+50E	.4	40.2	3.7	66.4	284	92	28	488	5.42	3.7	6	<.1	<1	10	.11	.2	.3	148	.27	.042	2	181	2.32	37	.16	3	2.99	.04	.05	<2	<.2	43	<.3	<.2	10.1
L25+00S 25+75E	.7	57.8	3.3	68.7	330	51	19	495	5.09	9.9	<5	<.1	<1	12	.17	.3	.3	123	.23	.113	4	116	1.62	44	.13	6	3.22	.03	.06	<2	<.2	106	.4	<.2	7.4
L25+00S 26+00E	.7	52.3	3.5	63.5	193	56	25	742	5.46	13.8	<5	<.1	<1	13	.11	.2	.2	139	.28	.084	2	125	1.79	58	.12	4	2.83	.03	.05	<2	<.2	49	<.3	.2	8.9
L25+00S 26+25E	5.2	52.1	6.3	64.0	453	48	17	565	7.12	171.4	8	<.1	1	7	.32	.8	.7	150	.09	.105	4	105	.94	37	.05	<2	2.29	.02	.04	<2	<.2	71	.6	.9	8.0
L25+00S 26+50E	3.4	65.8	7.4	72.5	635	86	30	746	7.46	92.8	6	<.1	<1	12	.50	.6	.5	153	.23	.052	6	144	1.38	45	.07	5	2.90	.03	.04	<2	<.2	64	.4	.8	7.6
L25+00S 26+75E	.5	32.1	2.8	45.7	126	37	18	392	4.41	4.2	<5	<.1	<1	11	.12	<.2	.3	125	.26	.067	2	82	1.60	44	.16	4	2.23	.03	.03	<2	<.2	24	<.3	<.2	8.9
L25+00S 27+00E	.6	67.3	2.6	60.9	161	41	22	521	5.69	6.9	7	<.1	<1	10	.12	.2	.3	157	.25	.050	2	92	1.82	35	.14	4	2.99	.04	.04	<2	<.2	50	<.3	<.2	8.5
L25+00S 27+25E	.9	37.9	4.6	48.1	154	30	14	289	4.56	8.9	<5	<.1	1	10	.08	.3	.4	127	.16	.075	3	72	1.24	33	.12	<2	2.55	.03	.03	<2	<.2	45	<.3	<.2	8.3
L25+00S 27+50E	1.1	27.0	6.3	53.0	313	25	10	242	3.86	7.4	<5	<.1	1	13	.26	.3	.3	110	.17	.096	4	53	.82	56	.10	2	2.28	.02	.04	<2	<.2	38	<.3	<.2	9.7
L25+00S 27+75E	4.6	42.9	8.7	94.9	819	34	11	282	6.13	67.0	5	<.1	<1	12	.60	.9	.4	110	.10	.107	5	46	.49	56	.06	5	2.38	.02	.03	<2	<.2	53	1.1	.2	7.9
L25+00S 28+00E	2.9	35.1	7.5	69.8	350	28	12	309	4.87	20.9	<5	<.1	1	18	.26	.5	.5	104	.16	.065	5	53	.72	103	.08	2	3.07	.02	.04	<2	<.2	69	.4	<.2	8.7
L25+00S 28+25E	1.6	33.8	6.4	80.0	393	31	16	365	4.71	10.1	5	<.1	1	20	.18	.4	.3	108	.21	.080	6	55	.75	109	.08	<2	3.08	.03	.05	<2	<.2	69	.3	<.2	8.4
STANDARD D2/HG-500	25.0	130.4	96.0	276.8	1877	32	17	1057	4.70	77.7	16	5.5	19	59	2.16	8.3	23.3	75	.74	.117	17	55	1.21	266	.14	27	2.39	.06	.74	18	3.0	431	.6	2.5	7.0

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L25+50S 23+50E	.4	42.5	2.8	72.1	103	53	28	551	4.96	3.3	<5	<.1	<1	23	.06	<.2	.4	139	.47	.110	2	91	2.69	48	.20	<2	3.09	.10	.06	<2	<.2	36	<.3	<.2	10.0
L25+50S 23+75E	.7	69.3	2.2	67.3	116	55	32	576	5.51	10.5	<5	<.1	<1	21	.10	<.2	1.2	132	.45	.078	2	82	2.48	49	.20	<2	3.19	.08	.05	<2	<.2	36	<.3	.6	8.9
L25+50S 24+00E	.6	45.2	3.9	84.3	215	49	28	1027	5.91	10.9	6	<.1	<1	16	.09	<.2	.5	146	.33	.166	3	109	2.06	114	.18	<2	3.11	.04	.09	<2	<.2	66	<.3	<.2	11.3
L25+50S 24+25E	1.7	70.1	3.7	82.3	292	34	11	250	5.21	28.8	<5	<.1	<1	6	.07	.3	1.0	165	.10	.091	5	92	.78	34	.06	2	2.48	.01	.04	<2	<.2	52	.3	.2	9.6
L25+50S 24+50E	.5	79.8	2.4	92.5	205	39	25	774	5.62	7.3	<5	<.1	<1	18	.13	.2	.4	167	.30	.072	2	114	2.59	142	.15	<2	3.23	.01	.07	<2	<.2	29	.3	<.2	10.6
L25+50S 24+75E	.6	76.5	4.1	76.7	189	51	23	551	4.73	12.4	<5	<.1	1	16	.06	.3	.6	127	.28	.103	3	130	2.06	86	.17	2	2.86	.01	.07	<2	<.2	46	<.3	.2	9.5
L25+50S 25+00E	.5	79.2	3.2	78.5	221	56	23	538	4.93	13.1	<5	<.1	1	16	.07	.2	.5	130	.26	.128	3	136	2.12	82	.17	2	3.03	.02	.07	<2	<.2	39	<.3	<.2	8.8
L25+50S 25+25E	.7	90.2	4.1	83.3	184	37	19	510	5.26	12.8	<5	<.1	<1	15	.08	.2	.3	125	.23	.057	3	90	1.86	65	.21	<2	3.20	.02	.06	<2	<.2	40	.3	<.2	10.0
L25+50S 25+50E	.7	86.9	3.9	80.0	160	37	21	463	5.09	14.4	<5	<.1	1	12	.07	.2	.4	121	.20	.055	3	88	1.79	55	.19	<2	3.04	.02	.06	<2	<.2	44	.3	<.2	9.1
L25+50S 25+75E	.4	49.7	4.9	78.5	137	33	21	729	4.85	7.0	<5	<.1	<1	15	.04	.2	.2	126	.37	.090	2	90	1.84	72	.17	<2	2.49	.05	.06	<2	<.2	53	<.3	<.2	10.1
L25+50S 26+00E	3.3	51.0	10.2	135.8	378	57	27	2002	6.12	62.4	8	<.1	<1	17	.49	.5	.5	135	.32	.082	7	121	1.12	107	.09	<2	3.41	.03	.06	<2	<.2	65	.6	.3	10.1
L25+50S 26+25E	3.4	51.1	10.6	118.9	388	57	28	2038	6.17	58.2	5	<.1	<1	15	.47	.3	.4	135	.26	.076	8	122	1.13	96	.10	<2	3.52	.02	.06	<2	<.2	66	.6	.3	10.2
L25+50S 26+50E	3.9	57.2	9.7	101.4	310	52	21	820	6.01	102.2	5	<.1	<1	15	.27	.7	.6	115	.17	.067	7	83	1.05	79	.10	<2	3.06	.02	.07	<2	<.2	68	.9	.6	8.9
L25+50S 26+75E	2.6	55.9	7.0	76.3	351	53	20	793	5.20	74.9	<5	<.1	<1	13	.25	.7	.5	107	.18	.097	4	82	1.05	85	.09	<2	2.78	.01	.07	<2	<.2	56	.6	.3	8.6
L25+50S 27+00E	.7	92.5	4.0	61.3	61	63	30	671	5.15	18.1	<5	<.1	<1	17	.14	.2	.3	115	.34	.054	9	104	2.11	100	.16	<2	3.58	.04	.22	2	<.2	21	.4	<.2	6.8
L25+50S 27+25E	1.1	59.0	7.2	73.8	172	49	18	418	4.77	17.1	<5	<.1	1	14	.18	.3	.4	103	.20	.101	5	74	1.17	68	.12	<2	3.56	.03	.07	<2	.2	51	.5	<.2	9.2
L25+50S 27+50E	1.3	52.7	4.3	57.2	649	44	20	394	5.72	11.0	<5	<.1	1	12	.15	.4	.3	141	.27	.055	3	87	1.42	45	.14	<2	2.78	.03	.05	<2	<.2	43	.3	.3	9.1
L25+50S 27+75E	.6	51.1	4.3	55.2	205	36	16	396	4.51	6.6	<5	<.1	<1	12	.09	.2	.2	115	.35	.056	2	80	1.54	34	.17	<2	2.61	.05	.05	<2	<.2	45	<.3	<.2	9.3
RE L25+50S 27+75E	.6	49.1	3.9	55.3	181	38	17	401	4.51	5.0	<5	<.1	1	12	.07	.2	.2	114	.36	.056	2	81	1.56	38	.17	<2	2.63	.05	.05	<2	<.2	36	<.3	<.2	8.4
L25+50S 28+00E	.3	44.7	2.7	54.1	171	29	17	426	4.58	3.0	5	<.1	<1	8	.08	<.2	.3	116	.37	.077	2	81	1.68	27	.17	<2	2.45	.07	.05	<2	<.2	27	<.3	<.2	8.7
L25+50S 28+25E	.5	80.9	2.3	58.6	174	45	22	432	4.78	7.2	<5	<.1	1	12	.14	.2	.3	119	.37	.073	5	109	1.95	41	.17	<2	3.21	.05	.07	<2	<.2	31	<.3	<.2	7.6
L26+50S 23+50E	5.6	71.8	9.0	84.2	205	63	24	1244	4.90	35.7	<5	<.1	<1	40	.28	.4	.8	109	.45	.067	4	84	1.19	119	.12	<2	2.84	.02	.06	<2	<.2	85	<.3	.3	8.5
L26+50S 23+75E	5.5	77.8	5.4	74.8	246	50	23	1121	5.13	78.7	<5	<.1	1	29	.10	.4	1.8	126	.28	.064	4	62	1.32	85	.13	<2	2.94	.02	.07	<2	<.2	50	<.3	.9	9.0
L26+50S 24+00E	4.3	105.6	4.7	82.8	186	58	21	1037	5.40	106.0	<5	<.1	1	25	.14	.4	1.7	117	.31	.048	6	105	1.40	92	.14	2	3.26	.03	.06	<2	<.2	52	<.3	.8	8.7
L26+50S 24+25E	6.4	92.5	4.5	76.2	173	61	21	644	5.19	64.8	<5	<.1	1	19	.23	.4	1.1	116	.23	.062	6	70	1.07	82	.12	<2	2.97	.02	.05	<2	<.2	56	.4	.6	8.0
L26+50S 24+50E	12.0	166.7	12.3	61.6	443	77	24	538	6.46	259.7	<5	<.1	2	20	.16	.6	6.0	115	.25	.059	6	82	1.30	90	.13	<2	3.13	.02	.05	<2	.2	36	.4	3.0	8.7
L26+50S 24+75E	7.3	98.5	17.6	69.5	1701	48	23	1013	6.36	269.4	<5	<.1	1	22	.21	1.3	1.7	134	.31	.065	4	68	1.52	90	.09	<2	3.25	.03	.06	<2	.3	46	<.3	1.8	9.8
L26+50S 25+00E	6.3	88.1	5.2	64.6	627	41	20	761	5.71	231.8	<5	<.1	1	14	.08	.6	1.6	135	.19	.070	5	40	.78	68	.12	2	2.73	.02	.04	<2	.3	56	.3	.8	9.3
L26+50S 25+25E	5.5	86.9	4.6	63.0	312	22	13	838	5.01	34.5	<5	<.1	1	14	.10	.5	2.3	102	.19	.081	4	35	.75	67	.12	<2	2.19	.02	.04	<2	<.2	43	.4	.9	8.5
L26+50S 25+50E	.7	84.2	.5	73.6	<30	56	23	1044	6.37	74.2	<5	<.1	<1	26	<.01	<.2	1.4	137	.32	.108	6	90	1.09	92	.10	<2	2.97	.02	.06	<2	<.2	40	<.3	.2	1.0
L26+50S 25+75E	3.4	75.7	7.7	77.8	499	79	28	905	5.93	173.5	<5	<.1	1	16	.17	.6	.8	133	.28	.084	6	126	1.31	93	.09	<2	2.80	.03	.06	<2	<.2	49	.4	.9	8.8
L26+50S 26+00E	1.2	61.6	4.8	77.3	249	75	25	1208	4.78	22.3	<5	<.1	1	19	.12	.4	.6	111	.34	.138	5	116	1.49	113	.11	<2	3.07	.02	.09	<2	<.2	48	<.3	.3	8.4
L26+50S 26+25E	1.7	66.7	4.7	75.0	284	64	24	749	5.01	24.8	<5	<.1	<1	16	.14	.4	.6	109	.25	.100	4	104	1.24	82	.11	<2	2.97	.02	.06	<2	<.2	53	.4	.3	8.5
L26+50S 26+50E	1.4	38.0	5.1	64.7	205	28	12	363	3.87	11.6	<5	<.1	1	11	.10	.4	.9	117	.16	.094	3	91	.81	77	.12	<2	2.04	.02	.03	<2	<.2	33	<.3	.4	9.5
L26+50S 26+75E	1.0	83.2	4.4	80.0	513	55	23	688	6.19	21.5	8	<.1	<1	17	.14	.4	.6	151	.26	.050	4	109	1.94	118	.13	<2	3.75	.02	.08	<2	<.2	43	<.3	.3	9.0
STANDARD D2/HG-500	25.9	133.2	104.4	278.6	1941	33	19	1053	4.95	72.4	26	5.3	18	60	2.18	8.7	22.5	75	.73	.117	17	54	1.19	270	.14	20	2.43	.06	.75	19	2.8	426	.5	2.5	8.4

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L26+50S 27+00E	.8	54.0	4.0	74.2	261	53	26	790	4.87	11.8	<5	<.1	1	13	.10	.5	.1	124	.29	.045	3	111	2.00	56	.16	4	3.28	.03	.06	<2	<.2	44	<.3	<.2	9.3
L26+50S 27+25E	.5	48.2	4.0	62.2	272	43	21	614	4.23	4.8	<5	<.1	<1	12	.13	.3	.1	106	.35	.046	3	85	1.59	39	.15	7	2.98	.04	.07	<2	<.2	34	<.3	<.2	9.0
L26+50S 27+50E	.8	47.4	4.0	62.9	260	47	21	575	4.55	8.2	<5	<.1	<1	19	.12	.3	.1	114	.35	.076	4	88	1.38	80	.09	2	3.22	.02	.09	<2	<.2	57	<.3	<.2	8.9
L26+50S 27+75E	1.1	50.8	5.1	72.5	131	40	18	454	4.34	15.0	6	<.1	<1	17	.16	.4	.1	104	.22	.069	5	72	1.23	70	.11	<2	3.16	.02	.07	<2	<.2	57	<.3	<.2	8.3
L26+50S 28+00E	1.0	34.3	7.3	79.5	268	31	16	841	3.98	9.0	<5	<.1	<1	17	.20	.4	.1	94	.21	.088	5	56	1.02	90	.09	<2	2.70	.01	.07	<2	<.2	68	<.3	<.2	8.2
L26+50S 28+25E	.9	55.9	5.8	73.7	200	45	21	785	4.68	10.6	5	<.1	<1	14	.19	.4	.1	114	.19	.066	5	82	1.52	74	.11	2	3.26	.02	.06	<2	<.2	45	<.3	<.2	9.3
L27+00S 23+50E	2.2	73.4	5.2	83.2	207	48	28	1224	4.98	31.8	<5	<.1	<1	25	.15	.5	1.0	110	.26	.123	6	79	1.38	106	.11	<2	3.44	.02	.09	2	<.2	52	.3	.3	9.4
L27+00S 23+75E	3.3	101.2	4.9	80.4	157	48	27	671	5.29	20.0	<5	<.1	1	19	.12	.4	.8	116	.19	.114	6	71	1.36	68	.14	<2	3.84	.02	.06	<2	<.2	49	.3	.3	10.1
L27+00S 24+00E	2.4	81.1	7.3	78.4	232	50	23	971	4.86	34.6	<5	<.1	<1	19	.18	.5	.7	113	.23	.093	5	87	1.33	68	.13	3	3.24	.02	.07	<2	<.2	64	<.3	.2	9.3
L27+00S 24+25E	1.7	78.9	5.7	71.2	231	43	22	715	4.43	19.0	<5	<.1	<1	16	.12	.4	.5	107	.20	.071	4	65	1.10	71	.13	2	3.07	.02	.06	2	<.2	35	<.3	.3	9.0
L27+00S 24+50E	2.6	97.0	10.5	80.4	347	38	21	959	4.95	45.5	5	.1	1	14	.15	.5	.9	121	.18	.101	5	56	1.10	54	.13	2	3.48	.02	.06	<2	<.2	69	.5	.3	10.1
L27+00S 24+75E	9.2	99.8	8.0	85.9	277	60	23	592	6.76	225.1	<5	<.1	1	16	.19	1.1	.9	151	.25	.065	5	87	1.34	45	.11	<2	3.17	.02	.05	<2	.2	51	<.3	.9	10.7
L27+00S 25+00E	4.1	90.7	4.8	86.5	187	70	28	709	6.22	112.0	<5	<.1	<1	18	.11	.6	.9	146	.23	.080	6	100	1.81	77	.11	6	4.03	.02	.07	<2	.2	55	<.3	.4	10.9
L27+00S 25+25E	4.5	96.6	4.9	75.3	274	36	21	658	6.42	34.5	<5	.1	1	17	.14	.6	1.3	145	.19	.176	6	62	1.34	63	.12	4	3.44	.01	.06	<2	<.2	86	.5	.5	9.3
L27+00S 25+50E	3.0	124.6	3.9	84.1	429	22	23	458	5.69	22.6	<5	<.1	<1	24	.18	.4	.7	158	.26	.087	4	32	1.55	91	.14	<2	3.26	.02	.07	<2	.2	65	.4	.4	10.5
L27+00S 25+75E	3.1	283.2	5.5	73.2	532	31	29	495	6.48	20.4	<5	<.1	2	19	.14	.5	1.8	145	.20	.156	4	35	1.47	78	.16	<2	4.81	.03	.10	<2	<.2	65	1.2	1.0	9.0
RE L27+00S 25+75E	3.3	274.2	5.6	70.5	553	29	30	479	6.17	23.4	<5	<.1	1	19	.14	.6	1.6	139	.20	.154	4	34	1.41	67	.16	5	4.65	.01	.09	2	.2	68	1.2	1.1	9.1
L27+00S 26+00E	2.6	62.2	5.7	79.8	484	32	19	1088	4.61	14.7	<5	<.1	<1	15	.14	.5	.4	107	.17	.121	5	56	1.11	70	.11	<2	3.14	.01	.07	<2	<.2	55	.4	.2	8.8
L27+00S 26+25E	3.5	61.1	4.4	58.7	197	24	13	269	4.97	16.3	<5	<.1	1	14	.10	.4	1.0	124	.18	.057	3	48	.99	65	.13	<2	2.55	.01	.05	<2	<.2	49	.5	.3	9.1
L27+00S 26+50E	1.0	46.7	3.3	63.1	191	68	25	474	5.14	11.4	<5	<.1	1	16	.09	.4	.1	124	.31	.058	3	90	1.24	90	.16	<2	2.22	.02	.05	<2	<.2	36	<.3	.2	9.5
L27+00S 26+75E	2.0	60.3	5.2	69.1	342	49	22	765	5.07	9.5	<5	<.1	<1	14	.13	.5	1.0	137	.21	.068	4	98	1.30	81	.11	2	2.60	.01	.05	2	<.2	43	<.3	.5	9.9
L27+00S 27+00E	1.1	67.5	5.7	83.2	379	42	24	872	4.95	15.6	<5	<.1	1	22	.18	.5	.2	122	.33	.073	4	87	1.86	82	.15	5	3.31	.02	.08	<2	<.2	50	.4	<.2	9.4
L27+00S 27+25E	1.1	58.6	5.6	73.1	365	52	24	771	4.74	11.2	<5	<.1	<1	18	.18	.4	.1	111	.26	.068	5	89	1.42	81	.12	4	3.18	.02	.09	<2	<.2	49	<.3	<.2	8.8
L27+00S 27+50E	.8	47.7	5.0	71.4	237	41	19	676	4.02	8.4	<5	<.1	<1	17	.17	.4	.1	96	.27	.070	5	72	1.20	63	.09	<2	2.81	.01	.08	<2	<.2	45	<.3	<.2	7.5
L27+00S 27+75E	.6	36.1	5.2	63.4	204	40	17	944	3.59	3.9	<5	<.1	<1	18	.15	.3	.2	92	.39	.086	3	76	1.09	73	.12	2	2.07	.03	.07	<2	<.2	49	<.3	<.2	7.5
L27+00S 28+00E	1.0	67.5	9.0	81.0	205	54	24	602	4.88	9.9	<5	<.1	1	18	.19	.4	.2	113	.27	.073	5	97	1.87	79	.17	<2	3.68	.03	.08	<2	<.2	43	.3	<.2	9.4
L27+00S 28+25E	.8	81.8	5.3	59.6	153	46	25	977	4.27	12.1	<5	<.1	1	37	.24	.5	.1	111	.61	.044	11	86	1.78	111	.12	<2	2.64	.02	.12	<2	<.2	36	<.3	<.2	7.0
L30+50S 19+25E	9.2	63.2	7.1	61.7	566	17	14	806	3.00	3.9	<5	<.1	<1	36	.27	.3	.2	84	.39	.060	6	32	.60	77	.14	4	1.97	.02	.05	<2	<.2	71	.5	<.2	8.6
L30+50S 19+50E	3.2	58.4	4.9	50.1	226	15	12	350	3.21	7.0	<5	<.1	<1	25	.17	.3	.3	90	.28	.079	5	35	.61	67	.12	<2	2.13	.01	.06	<2	<.2	45	.3	<.2	6.5
L30+50S 19+75E	2.8	92.5	4.9	53.8	150	28	16	475	3.46	7.2	<5	<.1	<1	30	.16	.4	.4	97	.33	.099	7	42	.83	98	.13	<2	2.37	.01	.10	<2	<.2	46	.3	<.2	6.4
L30+50S 20+00E	4.6	154.5	5.8	62.7	162	38	24	772	4.84	12.2	<5	<.1	<1	48	.17	.5	.4	119	.54	.113	10	54	1.20	122	.16	<2	2.29	.04	.20	<2	<.2	51	.3	.2	6.7
L30+50S 20+25E	9.3	297.6	3.3	71.6	292	16	30	526	3.26	3.0	<5	<.1	<1	39	.26	<.2	.4	96	.37	.046	7	34	.80	57	.13	4	1.75	.02	.06	<2	<.2	39	.6	<.2	7.5
L30+50S 20+50E	11.2	143.0	4.7	65.2	166	24	15	318	4.25	5.0	<5	<.1	1	38	.15	.2	.3	129	.36	.066	6	50	1.22	61	.17	<2	2.11	.03	.07	<2	<.2	26	.3	.2	8.1
L30+50S 20+75E	4.5	141.1	6.8	117.3	499	35	20	576	4.41	6.7	<5	<.1	<1	38	.31	.4	.3	105	.47	.121	7	43	.87	94	.13	<2	3.36	.02	.07	<2	<.2	67	.5	<.2	9.7
L30+50S 21+00E	3.0	114.1	6.0	119.5	379	33	21	550	4.00	7.3	<5	<.1	<1	28	.29	.2	.2	99	.33	.120	5	42	.83	94	.14	<2	3.05	.02	.07	<2	<.2	46	<.3	<.2	9.2
STANDARD D2/HG-500	26.3	132.7	98.0	282.3	2194	33	17	1079	4.80	78.1	24	5.6	18	60	2.22	10.6	23.9	76	.67	.117	18	55	1.27	268	.14	25	2.44	.07	.74	18	3.0	453	.7	2.5	8.0

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L30+50S 21+25E	5.5	207.5	8.9	89.2	183	43	30	675	4.89	17.4	5	<.1	1	87	.21	.3	.5	107	.92	.092	8	44	.99	97	.15	3	3.59	.04	.16	<2	<.2	13	.7	.2	8.5
L30+50S 21+50E	4.4	149.5	10.3	129.1	202	40	30	590	4.72	11.3	<5	<.1	1	45	.58	.2	.2	107	.54	.095	6	43	.89	89	.16	4	3.55	.03	.09	<2	<.2	43	.7	.2	9.0
L30+50S 21+75E	4.8	186.5	12.3	89.2	199	39	29	624	5.89	14.7	<5	<.1	1	74	.26	.2	.2	119	.68	.099	8	48	1.17	105	.15	<2	3.60	.03	.18	<2	<.2	20	.8	.3	9.0
L30+50S 22+00E	3.4	124.2	7.6	101.3	223	40	27	829	5.25	18.9	<5	<.1	2	49	.30	.2	.2	116	.52	.101	7	45	1.07	126	.18	3	3.27	.03	.15	<2	<.2	30	.5	.2	8.0
L30+50S 22+25E	2.5	104.6	8.4	163.2	217	44	28	620	4.97	8.3	<5	<.1	2	28	.59	<.2	.3	105	.31	.121	5	40	.92	108	.17	<2	3.06	.03	.08	<2	<.2	40	<.3	<.2	9.3
L30+50S 22+50E	2.0	104.0	7.5	105.9	259	37	25	653	5.15	9.4	<5	<.1	1	41	.34	.2	.4	108	.54	.130	6	41	.93	130	.15	<2	3.20	.03	.08	<2	<.2	36	<.3	.2	8.9
L30+50S 22+75E	2.0	101.8	7.2	108.9	240	38	24	667	4.95	8.9	<5	<.1	1	36	.34	.3	.4	105	.47	.137	6	38	.90	107	.15	4	3.06	.03	.11	<2	<.2	39	.3	.2	8.3
L31+00S 19+25E	2.5	58.1	5.2	61.3	203	30	13	324	3.84	9.4	<5	<.1	1	21	.09	.2	.3	104	.26	.107	4	50	.76	68	.15	4	2.26	.02	.05	<2	<.2	25	<.3	<.2	7.8
L31+00S 19+50E	6.1	179.5	8.0	73.9	150	38	28	869	5.03	19.0	<5	<.1	1	55	.17	.4	.2	123	.63	.127	12	58	1.19	141	.18	<2	2.15	.04	.22	<2	.2	26	.6	.3	6.4
L31+00S 19+75E	3.9	115.2	6.5	60.1	197	26	15	335	3.79	10.7	<5	<.1	1	32	.17	.3	.2	100	.29	.094	6	44	.81	99	.15	<2	2.77	.02	.08	2	<.2	25	.5	.2	7.2
L31+00S 20+00E	5.3	181.3	6.2	66.6	201	34	23	713	4.56	12.8	<5	<.1	1	49	.15	.3	<.1	113	.51	.108	8	49	1.02	119	.15	<2	2.46	.03	.15	2	<.2	29	.5	.2	6.4
L31+00S 20+25E	34.7	1263.3	3.0	122.9	243	43	36	690	7.03	9.1	<5	<.1	1	90	.13	.3	.3	199	.54	.069	11	41	1.36	90	.23	<2	3.32	.06	.17	<2	2.0	44	3.8	2.0	6.4
L31+00S 20+50E	10.8	145.5	6.1	71.7	227	36	19	513	4.88	10.4	<5	<.1	1	62	.20	.2	.5	127	.53	.049	7	60	1.15	74	.19	3	2.56	.03	.08	2	<.2	29	.4	.2	8.3
L31+00S 20+75E	4.5	152.2	6.8	191.1	146	79	18	369	4.40	11.2	<5	<.1	1	88	.41	.2	.4	101	.98	.081	8	38	.82	113	.19	2	3.24	.07	.11	<2	<.2	22	1.2	.2	7.7
L31+00S 21+00E	6.3	176.0	6.0	188.5	376	53	28	445	3.61	6.8	<5	<.1	<1	50	1.15	<.2	.1	87	.74	.074	9	38	.69	62	.11	2	2.51	.03	.06	<2	<.2	42	1.2	<.2	7.2
L31+00S 21+25E	3.8	116.3	9.9	263.9	349	43	25	876	5.54	12.1	<5	<.1	1	36	.94	.3	.1	113	.46	.179	6	50	.82	103	.13	3	2.82	.03	.09	<2	<.2	54	.6	<.2	9.6
L31+00S 21+50E	3.7	157.3	9.1	112.1	169	42	27	893	5.05	11.8	<5	<.1	1	73	.41	.3	.1	109	.86	.115	11	57	1.17	125	.15	<2	3.01	.05	.19	<2	<.2	36	.6	.2	7.7
L31+00S 21+75E	5.0	240.4	7.6	195.9	223	42	42	602	4.93	10.6	<5	<.1	1	52	.67	.4	<.1	110	.63	.078	9	48	1.04	86	.16	3	3.06	.04	.13	<2	<.2	32	.7	.2	8.2
L31+00S 22+00E	4.0	112.3	7.0	240.0	321	44	28	488	5.13	10.0	<5	<.1	1	39	.49	.2	.3	117	.51	.062	7	47	1.02	83	.18	<2	3.23	.04	.09	<2	<.2	36	.4	<.2	8.6
RE L31+00S 22+00E	3.7	107.7	6.9	233.7	301	40	28	478	5.04	7.9	<5	<.1	1	38	.46	<.2	.2	115	.49	.062	6	45	1.00	79	.17	<2	3.15	.03	.08	<2	<.2	40	.5	<.2	8.4
L31+00S 22+25E	2.8	164.3	8.3	83.9	121	44	30	769	5.82	12.1	<5	<.1	2	63	.15	.4	.2	124	.70	.104	11	49	1.28	133	.18	<2	3.29	.04	.18	<2	.2	28	.6	.3	8.7
L31+00S 22+50E	4.3	129.9	7.6	260.2	372	45	27	588	5.11	35.8	<5	<.1	1	35	.92	.2	.5	109	.49	.095	6	41	.93	86	.14	<2	3.09	.03	.08	<2	<.2	37	.3	.2	7.8
L31+00S 22+75E	3.4	138.2	9.0	130.3	230	41	30	704	5.01	38.3	<5	<.1	<1	52	.59	.3	.1	114	.78	.080	6	42	1.21	98	.14	3	3.17	.03	.13	2	<.2	49	.3	.2	7.5
L31+50S 19+25E	3.5	54.8	5.8	51.9	175	19	10	210	4.17	5.9	<5	<.1	1	16	.11	.2	.3	108	.17	.067	4	40	.61	74	.15	<2	2.94	.02	.04	<2	<.2	63	.3	<.2	9.1
L31+50S 19+50E	4.8	40.4	6.6	54.3	345	12	10	403	2.94	3.7	<5	<.1	1	18	.14	.2	.4	77	.23	.059	5	24	.38	63	.16	<2	1.48	.02	.03	<2	<.2	14	<.3	<.2	10.1
L31+50S 19+75E	13.0	126.9	5.7	63.2	319	19	12	437	4.35	5.5	<5	<.1	1	28	.13	.2	<.1	123	.26	.080	4	35	.79	89	.20	3	2.35	.02	.08	<2	<.2	64	.3	.2	9.1
L31+50S 20+00E	14.2	118.4	5.1	66.5	287	12	9	520	4.17	3.6	<5	<.1	<1	26	.14	.2	<.1	118	.21	.065	3	25	.88	85	.21	4	2.30	.02	.10	<2	<.2	56	.3	.2	9.0
L31+50S 20+25E	11.1	259.4	6.2	92.8	351	24	45	732	2.96	6.2	<5	<.1	1	27	.26	.2	<.1	72	.24	.089	4	28	.42	52	.14	<2	1.97	.02	.04	<2	<.2	53	.8	.2	8.1
L31+50S 20+50E	2.3	34.0	5.3	43.8	285	12	7	286	2.59	3.3	<5	<.1	1	12	.10	<.2	.3	79	.14	.099	3	23	.30	62	.14	<2	1.46	.02	.04	<2	<.2	34	<.3	<.2	8.4
L31+50S 20+75E	4.3	44.7	5.6	58.1	240	10	6	118	3.57	5.6	<5	<.1	1	14	.19	.3	.2	101	.16	.075	3	32	.29	59	.16	6	1.87	.02	.03	<2	<.2	34	<.3	<.2	9.0
L31+50S 21+00E	4.9	88.1	5.5	128.4	249	32	15	378	4.47	8.5	<5	<.1	<1	40	.25	.2	.3	105	.48	.069	6	44	.90	76	.12	<2	2.32	.02	.08	<2	<.2	55	.7	.2	6.9
L31+50S 21+25E	8.2	220.5	7.3	468.6	322	76	55	883	5.38	10.0	<5	<.1	1	49	1.03	.2	<.1	114	.67	.050	9	50	.97	89	.15	<2	3.38	.04	.07	<2	<.2	27	1.0	.2	9.5
L31+50S 21+50E	3.4	91.5	7.3	199.3	290	35	23	825	4.01	9.4	<5	<.1	<1	44	.56	.3	.2	95	.67	.143	6	44	.91	122	.11	<2	2.59	.02	.07	<2	<.2	70	.5	<.2	7.4
L31+50S 21+75E	3.6	129.4	5.9	172.9	269	50	23	725	4.91	25.4	<5	<.1	<1	42	.51	.3	.3	106	.54	.159	7	49	1.02	120	.13	<2	3.06	.02	.11	<2	<.2	33	.3	.2	7.7
L31+50S 22+00E	15.8	144.7	5.3	267.6	878	59	22	347	6.41	46.0	<5	<.1	<1	45	1.22	.4	.5	130	.81	.068	7	45	.96	69	.15	5	3.61	.03	.06	<2	<.2	65	1.1	.4	9.4
STANDARD D2/HG-500	26.1	131.0	99.6	281.3	1842	34	18	1068	5.07	74.0	23	5.4	19	60	2.11	8.3	21.9	76	.70	.121	18	56	1.21	283	.14	26	2.44	.06	.76	17	2.9	447	.4	2.4	6.9

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

Data___ FA ____

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L31+50S 22+25E	35.5	337.6	8.6	274.1	971	41	41	681	5.37	15.0	<5	<.1	2	43	1.19	.3	.2	109	.54	.193	6	38	.79	108	.17	3	3.72	.03	.08	<2	.3	72	.6	.9	12.3
L31+50S 22+50E	4.5	94.4	7.5	149.3	348	38	24	717	4.46	14.2	<5	<.1	1	37	.52	.3	.3	106	.50	.130	7	49	1.03	107	.14	40	2.91	.04	.10	<2	<.2	47	<.3	.2	8.4
L31+50S 22+75E	3.1	105.9	8.0	118.9	382	39	25	851	4.77	40.2	<5	<.1	1	42	.34	.3	.6	115	.58	.152	6	46	1.02	100	.17	4	2.89	.03	.10	<2	<.2	61	<.3	.4	8.2
L32+50S 19+25E	3.3	84.7	6.5	72.0	247	24	20	907	3.92	9.9	<5	<.1	1	54	.26	.4	.3	104	.53	.065	8	44	1.04	146	.14	6	2.64	.03	.13	<2	<.2	39	<.3	.2	7.4
L32+50S 19+50E	4.4	140.4	5.1	91.7	212	28	22	672	4.57	15.1	5	<.1	1	55	.22	.3	.3	122	.58	.063	8	49	1.34	139	.19	<2	3.11	.04	.18	<2	<.2	48	.3	.3	7.8
L32+50S 19+75E	4.5	99.9	6.7	83.6	369	26	19	665	4.04	13.0	7	<.1	1	44	.21	.2	.3	113	.49	.061	7	45	1.02	118	.17	2	2.84	.04	.10	<2	<.2	32	<.3	.2	8.5
L32+50S 20+00E	2.9	35.4	7.0	54.7	327	13	6	177	3.36	7.3	10	<.1	2	18	.19	<.2	.4	98	.21	.119	5	31	.36	59	.16	8	2.11	.02	.04	<2	<.2	44	.3	<.2	8.9
L32+50S 20+25E	4.5	73.6	6.6	55.1	856	17	9	198	3.77	10.7	<5	<.1	1	24	.16	.2	.5	97	.26	.053	11	36	.65	89	.17	3	2.42	.02	.06	<2	<.2	81	.7	.2	8.4
L32+50S 20+50E	74.0	295.6	4.0	90.9	324	18	12	353	5.76	8.3	<5	<.1	1	83	.19	<.2	<.1	187	.44	.063	4	38	1.70	136	.29	<2	2.55	.05	.23	2	.4	26	1.0	1.3	10.8
L32+50S 20+75E	25.2	468.0	6.0	241.0	368	34	34	1115	5.30	16.0	<5	<.1	2	66	.26	.8	3.3	137	.49	.249	5	58	1.29	208	.03	2	3.60	.02	.14	<2	.5	52	1.1	1.0	10.8
L32+50S 21+00E	11.6	142.9	6.2	81.7	146	27	14	439	3.93	16.2	<5	<.1	1	50	.31	.2	<.1	117	.64	.076	7	52	1.18	79	.15	4	2.07	.04	.10	3	<.2	45	.6	.3	7.2
L32+50S 21+25E	5.5	88.8	7.0	85.1	137	30	19	1163	4.06	11.5	<5	<.1	1	64	.26	.4	.2	105	.81	.125	9	52	1.12	115	.14	6	2.41	.05	.16	<2	<.2	106	.4	.2	6.9
L32+50S 21+50E	14.1	124.8	5.8	98.7	263	41	26	881	5.05	50.0	<5	<.1	1	59	.43	.2	.3	113	.95	.059	9	48	1.04	85	.14	6	3.19	.05	.10	<2	<.2	72	2.3	.4	7.2
L32+50S 21+75E	4.9	119.2	8.4	80.6	185	32	25	1036	4.61	29.1	<5	<.1	1	63	.30	.3	.2	111	.86	.088	9	46	1.11	100	.16	<2	2.55	.05	.15	<2	<.2	40	.9	.3	6.5
L32+50S 22+00E	3.9	127.7	9.1	98.9	251	40	25	807	5.17	44.3	<5	<.1	1	67	.31	.3	.4	121	.86	.084	11	55	1.25	113	.17	16	3.29	.06	.15	<2	<.2	42	.6	.3	8.3
RE L32+50S 22+00E	3.7	124.7	8.0	97.9	227	39	26	793	5.13	41.2	<5	<.1	2	66	.27	.3	.3	120	.84	.083	10	54	1.23	109	.17	7	3.19	.06	.15	<2	<.2	40	.8	.2	8.0
L32+50S 22+25E	4.3	111.3	8.4	99.1	544	44	19	864	4.92	17.5	<5	<.1	1	52	.36	.2	.5	109	.82	.080	10	49	.91	155	.16	<2	4.05	.05	.09	<2	<.2	47	.9	.2	10.1
L32+50S 22+50E	6.2	129.8	8.9	97.1	382	46	21	971	5.11	15.0	<5	<.1	2	52	.39	.2	.3	115	.75	.053	12	52	1.06	223	.17	4	4.24	.05	.11	<2	<.2	45	1.0	.3	9.8
L32+50S 22+75E	4.1	75.9	7.7	97.4	380	33	21	343	4.76	13.4	<5	<.1	2	29	.31	.2	.5	110	.38	.085	8	47	.92	76	.16	6	3.52	.03	.08	<2	<.2	51	.9	<.2	9.4
L33+00S 19+25E	6.0	42.1	6.9	84.5	324	18	15	376	4.28	11.9	<5	<.1	1	53	.20	.3	.4	99	.58	.049	9	37	.69	118	.12	<2	2.93	.03	.08	<2	<.2	98	1.6	<.2	9.3
L33+00S 19+50E	8.5	75.6	6.1	55.6	122	29	23	1574	4.50	6.7	6	<.1	2	63	.19	.2	.3	108	.58	.032	9	49	.92	205	.12	<2	3.13	.03	.14	<2	<.2	57	.9	.2	7.9
L33+00S 20+00E	5.3	88.7	8.0	71.7	822	23	15	435	2.99	12.3	5	<.1	<1	47	.21	.2	.5	93	.59	.059	9	36	.88	120	.13	4	3.08	.03	.09	<2	<.2	60	.9	.2	9.4
L33+00S 20+25E	4.5	65.5	6.4	74.9	430	13	11	292	3.90	9.9	<5	<.1	1	31	.29	<.2	.3	91	.39	.060	7	36	.51	86	.16	<2	2.42	.02	.07	<2	<.2	83	.9	<.2	9.0
L33+00S 20+50E	5.1	88.8	7.8	76.4	458	18	11	255	3.24	7.6	11	<.1	1	37	.28	<.2	.2	85	.47	.050	9	37	.59	82	.16	8	2.04	.01	.07	<2	<.2	52	.9	.2	9.3
L33+00S 20+75E	9.0	81.5	5.4	67.0	307	20	18	1898	4.40	12.4	18	<.1	1	57	.33	<.2	.2	105	.64	.066	9	38	.68	118	.12	2	2.43	.02	.07	<2	<.2	79	1.6	.2	7.4
L33+00S 21+00E	4.4	84.6	6.5	87.6	286	22	14	315	5.02	15.6	<5	<.1	1	29	.23	.2	.5	119	.31	.069	6	44	.82	111	.18	5	2.94	.04	.06	<2	<.2	101	1.1	.2	9.1
L33+00S 21+25E	10.0	242.6	5.1	90.9	270	26	19	506	4.84	10.4	<5	<.1	1	42	.21	.2	<.1	133	.55	.084	7	55	1.36	120	.14	4	2.23	.03	.10	2	<.2	49	1.4	.3	8.4
L33+00S 21+50E	7.9	93.4	3.5	52.9	124	34	23	777	4.30	17.2	<5	<.1	1	61	.14	.3	.6	115	1.08	.085	8	54	1.53	81	.12	4	2.06	.05	.13	<2	<.2	19	2.3	.5	5.8
L33+00S 21+75E	2.8	61.8	5.2	67.4	108	29	18	586	4.16	11.5	5	<.1	1	39	.19	.2	.1	101	.47	.068	9	54	1.22	61	.11	14	2.26	.03	.10	<2	<.2	25	1.3	<.2	5.9
L33+00S 22+00E	2.6	113.5	6.9	80.8	162	41	27	1170	4.88	16.1	<5	<.1	2	78	.24	.3	.1	109	1.61	.097	13	67	1.62	125	.14	3	2.52	.06	.16	<2	<.2	40	1.4	.2	6.5
L33+00S 22+25E	1.8	96.4	5.4	77.1	125	44	27	1261	4.79	13.7	<5	<.1	2	74	.22	.3	.1	103	1.63	.093	13	66	1.60	129	.13	3	2.31	.05	.17	<2	<.2	31	1.4	.3	5.8
L33+00S 22+50E	3.4	73.1	5.7	93.8	427	25	17	392	3.98	18.7	<5	<.1	1	27	.22	.2	.4	96	.35	.110	5	37	.73	90	.15	5	2.37	.03	.07	2	<.2	50	1.3	.2	7.1
L33+00S 22+75E	5.7	92.1	5.6	85.8	348	30	18	350	4.35	16.4	<5	<.1	2	30	.17	.2	.4	108	.40	.074	6	41	.90	73	.17	<2	2.79	.03	.07	<2	<.2	52	1.2	.2	8.0
STANDARD D2/HG-500	24.9	128.5	98.0	276.6	1779	35	17	1073	4.65	80.0	10	5.4	18	60	2.14	9.7	29.6	82	.85	.113	20	59	1.28	283	.16	24	2.51	.14	.75	15	2.7	464	.6	2.7	6.8

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

Data___ FA ____

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

GEOCHEM PRECIOUS METALS ANALYSIS

Discovery Consultants File # 97-3482R Page 1

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
L22+50S 23+50E	4	<1	<1
L22+50S 23+75E	5	<1	2
L22+50S 24+00E	<1	<1	<1
L22+50S 24+75E	<1	<1	<1
L22+50S 25+00E	8	<1	<1
L22+50S 25+75E	26	<1	<1
L22+50S 26+00E	2	1	<1
L22+50S 26+25E	<1	<1	<1
L22+50S 26+50E	3	2	2
L22+50S 26+75E	1	<1	<1
L22+50S 27+50E	2	1	<1
L22+50S 27+75E	13	<1	<1
L22+50S 28+00E	<1	<1	<1
L23+00S 24+25E	4	2	2
L23+00S 24+50E	<1	<1	<1
L23+00S 24+75E	2	1	2
L23+00S 25+00E	5	<1	<1
L23+00S 25+50E	8	<1	<1
L23+00S 25+75E	20	3	2
RE L23+50S 23+75E	<1	2	1
L23+00S 26+00E	210	1	1
L23+00S 26+75E	44	2	2
L23+00S 27+00E	6	2	4
L23+50S 23+50E	2	3	3
L23+50S 23+75E	<1	3	3
L23+50S 24+50E	2	8	3
L23+50S 25+50E	2	2	<1
L23+50S 25+75E	50	2	3
L23+50S 26+00E	16	<1	1
L23+50S 26+25E	10	2	4
L23+50S 26+50E	7	2	2
L23+50S 26+75E	7	2	3
L23+50S 27+00E	5	<1	1
L23+50S 28+25E	5	3	5
STANDARD FA100	48	47	46

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: SOIL PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1997 DATE REPORT MAILED: Aug 6/97 SIGNED BY C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
L24+50S 25+75E	<1	1	1
L24+50S 26+00E	1	1	1
L25+00S 25+50E	<1	<1	<1
L25+00S 25+75E	<1	1	<1
L25+00S 26+00E	<1	1	<1
L25+00S 26+25E	8	<1	1
L25+00S 26+50E	10	2	2
L25+00S 27+75E	18	1	<1
L25+00S 28+00E	12	1	<1
RE L24+50S 25+75E	<1	1	<1
L25+50S 26+25E	5	<1	<1
L25+50S 26+50E	10	1	<1
L25+50S 26+75E	8	<1	<1
L25+50S 27+00E	<1	1	<1
L26+50S 23+50E	3	<1	<1
L26+50S 23+75E	<1	<1	<1
L26+50S 24+00E	<1	2	<1
L26+50S 24+25E	<1	1	<1
L26+50S 24+50E	2	<1	<1
L26+50S 24+75E	4	1	<1
L26+50S 25+00E	4	2	2
L26+50S 25+25E	<1	<1	<1
L26+50S 25+50E	1	1	1
L26+50S 25+75E	2	1	<1
L26+50S 26+00E	1	1	<1
L27+00S 24+00E	4	1	1
L27+00S 24+50E	<1	1	2
L27+00S 24+75E	<1	<1	2
L27+00S 25+00E	3	2	<1
L27+00S 25+25E	1	1	1
L31+00S 20+75E	<1	2	4
L31+00S 21+00E	27	1	2
L31+00S 22+50E	10	2	1
L31+00S 22+75E	<1	1	1
STANDARD FA100	45	44	43

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

Data FA

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
L31+50S 21+25E	3	<1	3
L31+50S 21+75E	6	<1	2
L31+50S 22+00E	<1	<1	1
L32+50S 21+50E	<1	<1	<1
L32+50S 21+75E	2	1	3
L32+50S 22+00E	3	1	4

Sample type: SOIL PULP.

Data FA

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

GEOCHEMICAL EXTRACTION-ANALYSIS CERTIFICATE

Discovery Consultants File # 97-3601 Page 2

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Tl	Hg	Se	Te	Ga
	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppb	ppm	ppm	ppm
L2+50N 1+50W	24.6	137.4	9.0	49.2	217	19	13	495	3.77	6.3	<5	<.1	<1	27	.33	.2	<.1	90	.25	.064	7	39	.81	59	.13	2	2.82	.01	.06	<2	.2	65	.3	<.2	9.6
L2+50N 1+25W	27.6	135.7	8.9	51.6	374	20	11	369	4.21	5.4	<5	<.1	<1	25	.44	.2	<.1	95	.23	.070	6	42	.82	61	.13	<2	2.88	.01	.06	<2	.2	75	.3	<.2	10.3
L2+50N 1+00W	24.4	111.6	8.2	44.8	355	17	9	307	3.76	4.5	<5	<.1	1	23	.38	.2	<.1	88	.21	.064	5	39	.72	52	.13	<2	2.54	.01	.05	<2	<.2	83	.3	<.2	10.1
L2+50N 0+50W	99.4	1633.2	7.2	48.5	506	21	10	292	3.89	5.0	<5	<.1	<1	46	.48	<.2	.8	91	.40	.042	8	41	.77	69	.17	<2	2.82	.02	.08	<2	.9	64	.3	.6	13.9
L2+50N 0+25W	48.1	134.7	6.1	56.9	402	25	14	424	4.47	5.4	<5	<.1	<1	31	.52	.2	<.1	103	.33	.055	6	51	1.06	46	.20	<2	2.87	.01	.07	<2	.2	95	.5	.2	10.6
L2+50N BL	90.9	359.7	4.6	50.7	318	32	18	491	4.42	6.7	<5	<.1	<1	36	.31	.3	<.1	101	.41	.060	6	58	1.21	53	.19	<2	2.99	.01	.09	<2	.5	81	.6	.4	11.0
L2+50N 0+25E	98.9	430.1	4.8	55.9	137	33	16	444	4.81	9.1	<5	<.1	<1	31	.32	.2	<.1	113	.37	.052	6	63	1.28	72	.20	<2	3.63	.02	.09	<2	.6	66	.5	.3	11.4
L2+50N 0+50E	144.4	557.0	5.9	52.5	154	21	10	363	3.79	5.6	<25	<.5	<5	44	.20	<1	<.5	87	.37	.052	6	44	.90	81	.11	<10	2.54	<.05	.05	<10	<1	53	<1.5	<1	9.5
L2+50N 0+75E	345.3	1454.2	9.3	71.7	<150	22	27	1984	3.80	7.8	<25	<.5	<5	122	1.12	<1	<.5	85	.75	.069	5	37	.85	224	.08	<10	1.82	<.05	.07	<10	1.0	40	<1.5	1.1	10.9
L2+50N 1+00E	33.2	100.6	10.2	71.8	652	21	15	492	3.36	5.9	<5	<.1	<1	27	.47	.3	<.1	78	.28	.102	17	37	.80	48	.07	<2	2.86	.01	.07	<2	.2	121	1.7	<.2	10.2
L2+50N 1+25E	37.1	87.2	8.1	74.7	409	26	23	1073	3.65	7.0	<5	<.1	<1	28	.44	<.2	<.1	84	.34	.090	15	37	.82	44	.05	<2	2.65	.01	.06	<2	.3	49	1.1	<.2	10.1
L2+50N 1+50E	24.3	98.3	8.2	94.2	385	31	28	873	3.55	8.7	<5	<.1	<1	31	.49	.3	.1	83	.39	.080	11	36	.81	49	.08	<2	2.33	.01	.07	<2	.3	62	.9	<.2	9.4
L1+50N 4+75W	6.3	61.2	6.6	51.6	578	20	11	298	2.76	4.7	<5	<.1	<1	43	.12	.2	<.1	74	.35	.087	13	42	.96	81	.07	<2	3.20	.02	.08	<2	<.2	79	.6	<.2	9.1
L1+50N 4+50W	21.0	141.0	7.9	42.0	294	16	7	199	2.07	2.5	<5	<.1	<1	52	.19	.2	<.1	66	.39	.109	18	37	.80	129	.04	<2	2.34	.02	.06	<2	.2	100	2.0	<.2	9.1
L1+50N 4+00W	90.3	191.4	9.2	62.9	450	17	10	416	3.35	3.6	<5	<.1	<1	81	.41	.5	<.1	73	.47	.071	19	30	.65	170	.06	<2	2.63	.02	.06	<2	.5	72	1.4	.3	12.2
RE L1+50N 4+00W	92.1	196.4	8.9	64.4	371	18	10	429	3.41	4.1	<5	<.1	<1	84	.38	.3	<.1	75	.48	.072	20	32	.66	176	.07	<2	2.72	.02	.07	<2	.5	79	1.4	<.2	12.4
L1+50N 3+75W	114.4	245.7	11.9	77.9	669	25	13	364	3.95	7.3	<5	<.1	<1	80	.39	<.2	<.1	111	.41	.045	14	48	.90	151	.10	<2	3.41	.02	.08	<2	.5	81	1.3	.3	16.7
L1+50N 3+50W	74.5	799.8	6.8	94.7	79	46	17	519	4.49	8.4	<5	<.1	<1	100	.30	.3	1.0	110	.60	.026	9	58	1.42	185	.18	<2	3.21	.02	.12	<2	.5	16	<.3	.4	10.4
L1+50N 3+25W	115.0	1514.2	7.3	89.5	836	32	17	642	4.57	6.0	10	<.1	<1	195	.73	.4	1.0	100	.75	.059	28	51	1.06	165	.12	<2	3.26	.02	.12	<2	.8	67	<.3	.6	14.5
L1+50N 3+00W	118.0	251.4	7.6	89.1	385	41	26	929	5.76	10.2	<5	<.1	<1	208	.41	.2	<.1	135	.79	.058	12	70	1.69	155	.16	<2	3.92	.02	.14	<2	.6	69	.8	.2	13.6
L1+50N 2+75W	102.0	335.1	8.5	76.8	786	27	21	883	4.76	7.0	<5	<.1	<1	148	.32	.3	<.1	110	.56	.064	14	53	1.14	117	.13	<2	3.67	.02	.11	<2	.5	101	.3	.3	13.6
L1+50N 2+50W	51.4	1066.3	10.4	78.6	471	32	20	955	4.31	6.7	<5	<.1	<1	108	.34	.3	<.1	95	.61	.051	34	46	1.20	244	.12	<2	3.39	.02	.11	<2	.2	69	.6	.4	10.1
L1+50N 2+25W	12.7	39.2	8.2	39.7	406	11	6	308	3.88	3.2	<5	<.1	<1	20	.22	.2	.1	88	.18	.067	6	32	.49	45	.10	<2	2.75	.01	.05	<2	<.2	59	.3	<.2	12.1
L1+50N 2+00W	21.4	106.9	8.2	41.2	461	17	7	255	4.88	3.7	<5	<.1	<1	19	.20	.5	<.1	109	.15	.060	5	65	.69	40	.14	<2	2.98	.01	.05	<2	<.2	99	.4	<.2	15.3
L1+50N 1+75W	60.7	961.4	8.0	64.7	607	33	11	373	4.19	2.5	<5	<.1	<1	40	.52	<.2	<.1	120	.30	.068	6	86	1.29	92	.19	<2	2.77	.02	.09	<2	.4	38	<.3	.3	17.3
L1+50N 1+50W	31.2	164.8	6.8	29.1	1482	7	4	146	3.57	2.0	<5	<.1	<1	14	.20	.2	<.1	104	.10	.055	4	23	.48	32	.18	<2	1.99	.01	.05	<2	<.2	62	<.3	.2	15.9
L1+50N 1+25W	28.5	144.7	8.5	38.7	687	10	6	240	4.24	2.8	<5	<.1	<1	17	.28	.2	<.1	113	.14	.073	4	28	.55	36	.18	<2	2.31	.01	.05	<2	<.2	78	<.3	<.2	16.1
L1+50N 1+00W	11.7	39.0	9.5	25.8	384	7	3	184	3.79	2.5	<5	<.1	<1	19	.21	<.2	.1	92	.15	.093	4	23	.25	31	.14	<2	1.89	.01	.04	<2	<.2	61	<.3	<.2	15.8
L1+50N 0+75W	103.3	4060.0	11.6	57.2	2091	17	106	3208	3.58	<3.5	<35	<.7	<7	28	.42	1.6	.7	91	.29	.119	20	39	.67	134	.14	<14	2.74	<.07	<.07	<14	<1.4	70	<2.1	<1.4	15.1
L1+50N 0+50W	69.6	3270.4	8.8	36.2	555	11	6	205	4.09	<3	<30	<.6	<6	21	.29	<1.2	<.6	128	.20	.044	14	32	.57	66	.26	<12	2.89	<.06	<.06	<12	<1.2	50	<1.8	<1.2	20.4
L1+50N 0+25W	31.0	439.1	7.1	69.0	351	29	17	598	4.56	7.9	<5	<.1	<1	41	.19	.8	<.1	110	.37	.081	8	52	1.25	60	.17	<2	4.37	.01	.11	<2	.3	109	.6	.2	9.7
L1+50N BL	37.1	75.8	9.3	28.4	780	12	4	179	4.19	2.9	<5	<.1	<1	15	.26	.2	<.1	138	.16	.097	3	34	.39	25	.21	<2	1.51	.01	.04	<2	<.2	66	<.3	<.2	18.2
L1+50N 0+25E	70.2	482.1	6.6	39.9	658	13	6	192	3.15	2.1	<5	<.1	<1	19	.25	1.0	<.1	89	.16	.052	6	31	.60	31	.14	<2	2.28	.02	.04	<2	.3	66	<.3	.3	14.7
L1+50N 0+50E	257.0	1601.8	6.4	76.5	231	37	23	1602	3.79	4.5	<30	<.6	<6	81	.67	<1.2	.7	99	.60	.042	6	87	1.18	142	.18	<12	2.36	<.06	.11	<12	<1.2	20	<1.8	<1.2	16.7
L1+50N 1+00E	132.5	1793.2	6.4	46.8	397	14	12	388	3.26	3.0	<30	<.6	<6	51	.25	<1.2	.7	77	.35	.054	10	29	.61	77	.11	<12	2.11	<.06	.06	<12	<1.2	62	<1.8	<1.2	13.1
STANDARD D2/HG-500	24.6	126.2	103.4	278.2	1901	33	17	1085	4.45	73.7	20	4.8	18	55	2.05	11.3	22.9	82	.80	.106	19	58	1.27	278	.16	25	2.40	.10	.78	16	2.6	448	.4	2.2	7.0

ICP - 5 GRAM SAMPLE IS DIGESTED WITH 30 ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 100 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: JUL 15 1997 **DATE REPORT MAILED:** July 29/97 **SIGNED BY** .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L1+50N 1+25E	150.5	430.2	5.8	53.6	251	15	9	288	3.04	<3	<30	<.6	<6	30	<.06	<1.2	<.6	87	.23	.057	<6	31	.80	45	.12	<12	2.42	<.06	<.06	<12	<1.2	69	<1.8	<1.2	11.4
L1+50N 1+50E	25.3	96.4	9.1	42.0	547	12	8	315	3.77	3.0	<5	<.1	<1	18	.45	.3	<.1	95	.18	.055	4	28	.45	66	.15	<2	1.70	.01	.05	<2	<.2	122	.3	<.2	10.9
L0+50N 4+75W	10.4	111.8	8.0	57.8	617	22	17	658	4.61	5.0	<5	<.1	<1	34	.24	.2	<.1	110	.26	.061	10	50	.96	63	.16	<2	3.10	.01	.10	<2	<.2	62	.4	<.2	10.0
L0+50N 4+50W	56.6	119.1	10.3	78.8	312	26	19	887	4.11	6.3	<5	<.1	<1	79	.34	.4	.1	96	.43	.068	11	48	1.09	188	.09	<2	2.83	.01	.10	<2	.2	54	.7	.2	10.3
L0+50N 4+25W	55.1	59.1	10.3	47.0	345	15	8	318	4.33	5.4	<5	<.1	<1	50	.54	.3	.1	99	.38	.049	7	35	.59	136	.14	<2	2.13	.01	.06	<2	.2	54	.7	<.2	11.9
L0+50N 4+00W	32.6	288.9	11.1	90.4	369	27	14	407	2.95	4.3	<5	<.1	<1	97	.44	.3	1.6	75	.65	.068	18	45	1.10	249	.08	<2	2.80	.02	.09	<2	<.2	64	.7	.2	9.5
L0+50N 3+75W	114.1	372.5	11.6	79.5	353	21	18	627	3.77	5.9	<5	<.1	<1	75	.28	<.2	<.1	89	.44	.095	29	38	.89	197	.09	<2	3.38	.02	.09	<2	.7	64	.8	.3	13.0
L0+50N 3+50W	181.9	414.7	11.1	94.0	691	28	21	1035	4.74	8.0	<30	<.6	<6	53	.24	<1.2	<.6	107	.35	.094	19	47	1.01	227	.08	<12	3.74	<.06	.11	<12	<1.2	50	<1.8	<1.2	14.4
L0+50N 3+25W	106.6	1315.3	6.7	71.5	642	22	17	585	3.55	5.0	8	<.1	<1	152	.69	.3	.9	88	.74	.046	17	40	.82	173	.11	<2	2.76	.02	.08	<2	.5	64	1.4	.6	10.9
L0+50N 3+00W	110.8	468.9	8.6	64.0	369	17	9	267	4.75	5.4	<5	.1	<1	60	.36	.2	<.1	112	.35	.029	7	37	.65	87	.18	<2	2.51	.01	.06	<2	.3	40	.4	.4	13.2
L0+50N 2+75W	56.9	659.7	9.1	47.6	914	12	7	225	4.06	3.0	<5	<.1	<1	29	.45	.5	<.1	89	.16	.036	21	25	.46	79	.14	<2	2.56	.01	.05	<2	<.2	58	.6	.3	13.2
RE L0+50N 2+75W	56.3	660.9	8.9	46.1	911	10	7	219	3.97	3.7	<5	<.1	1	29	.44	.6	.5	86	.16	.039	21	25	.46	79	.15	<2	2.58	.01	.05	<2	<.2	62	.6	.3	13.2
L0+50N 2+50W	85.6	741.7	8.8	42.2	478	7	7	332	3.53	2.0	<5	<.1	<1	17	.60	.2	.3	76	.15	.047	20	14	.31	104	.09	<2	1.70	.01	.04	<2	.4	51	<.3	.4	12.8
L0+50N 2+25W	98.4	1333.3	11.6	70.4	185	10	6	306	3.54	2.2	<5	<.1	<1	32	.53	.2	<.1	77	.27	.026	10	24	.43	221	.12	5	1.79	.02	.04	<2	.5	25	.6	.5	14.8
L0+50N 2+00W	30.2	176.1	8.4	38.6	399	11	7	314	4.50	4.3	<5	<.1	<1	19	.32	.3	<.1	92	.17	.054	5	31	.52	42	.11	<2	2.40	.01	.05	<2	<.2	84	.5	<.2	11.4
L0+50N 1+75W	70.6	743.6	9.2	53.2	401	13	8	399	4.15	4.9	<5	<.1	<1	37	.52	.2	.2	88	.27	.055	10	28	.58	124	.09	<2	2.59	.01	.05	<2	.2	70	.6	.4	13.2
L0+50N 1+50W	56.3	448.0	9.0	37.7	565	9	6	256	3.47	3.2	<5	<.1	<1	15	.51	.3	<.1	79	.12	.048	6	24	.48	64	.11	<2	1.97	.01	.04	<2	<.2	43	<.3	.2	12.6
L0+50N 1+25W	28.9	95.3	10.6	36.8	181	11	5	321	4.72	4.1	<5	<.1	1	19	.22	.3	<.1	106	.16	.073	4	30	.46	55	.17	<2	2.01	.01	.04	<2	<.2	68	.4	<.2	13.5
L0+50N 1+00W	17.4	72.4	8.6	25.6	795	7	3	137	3.67	3.0	<5	<.1	<1	12	.15	.3	<.1	91	.10	.081	4	24	.26	33	.11	<2	2.30	.01	.03	<2	<.2	71	.4	<.2	12.0
L0+50N 0+75W	50.0	426.7	10.5	29.8	414	8	5	240	4.86	3.8	<5	<.1	<1	16	.43	.5	<.1	113	.13	.061	6	28	.37	43	.20	3	2.02	.01	.04	<2	<.2	38	<.3	.2	16.3
L0+50N 0+50W	41.7	76.8	11.3	42.7	296	12	6	245	5.41	5.7	<5	<.1	<1	161	.12	1.1	<.1	125	.61	.262	4	37	.60	52	.16	<2	2.47	.01	.05	<2	.2	54	.3	<.2	16.6
L0+50N 0+25W	21.4	113.4	8.6	23.3	581	6	3	126	2.97	2.3	<5	<.1	<1	18	.16	.2	<.1	81	.12	.055	4	23	.31	34	.13	<2	1.72	.01	.03	<2	<.2	63	<.3	<.2	11.0
L0+50N BL	130.6	1233.1	11.6	68.7	745	22	18	541	4.42	11.1	<30	<.6	<6	29	.11	5.9	<.6	119	.28	.083	10	40	1.13	95	.15	<12	2.82	<.06	.16	<12	<1.2	189	<1.8	<1.2	12.8
L0+50N 0+25E	143.3	1207.4	4.1	110.8	833	21	19	390	6.37	<3	<30	<.6	<6	10	.13	<1.2	<.6	269	.17	.062	<6	58	1.86	47	.34	<12	3.15	<.06	.16	<12	<1.2	52	<1.8	<1.2	15.1
L0+50N 0+50E	66.9	451.4	4.8	60.6	919	12	12	296	6.02	2.7	<5	<.1	<1	11	.12	.2	<.1	226	.13	.044	3	29	1.10	38	.25	10	2.55	.02	.07	<2	.2	61	.6	.3	13.5
L0+50N 0+75E	119.0	636.3	5.7	69.5	520	28	14	399	4.61	3.7	<5	<.1	1	20	.21	.3	.6	169	.18	.032	4	86	1.38	72	.27	<2	2.66	.02	.05	<2	.5	35	.4	.5	13.1
L0+50N 1+00E	114.8	582.6	5.0	65.0	497	26	13	390	4.39	3.2	<5	<.1	1	18	.17	.2	1.8	162	.17	.031	4	81	1.30	67	.26	<2	2.50	.02	.05	<2	.5	32	.4	.3	12.7
L0+50N 1+25E	107.3	120.6	6.1	28.8	482	7	5	159	4.17	2.9	<5	<.1	1	14	.27	<.2	<.1	120	.09	.041	5	23	.42	34	.22	2	2.53	.01	.04	<2	.5	80	.6	<.2	14.8
L0+50N 1+50E	117.4	1221.5	5.3	45.1	247	10	6	191	3.06	1.6	<5	<.1	<1	20	.17	<.2	.6	103	.17	.020	5	23	.81	47	.19	<2	2.46	.02	.04	<2	.6	35	.7	.5	13.7
L0+50N 1+75E	252.2	1174.0	6.4	46.5	<150	7	6	197	3.43	<2.5	<25	<.5	<5	23	.12	<1	<.5	149	.19	.014	<5	17	1.02	67	.29	<10	2.05	<.05	.05	<10	1.2	15	<1.5	<1	18.6
L0+50N 2+25E	30.0	50.6	7.5	23.7	224	7	4	120	4.85	2.1	<5	<.1	<1	11	.21	.2	.1	144	.12	.048	3	20	.29	30	.24	<2	1.48	.01	.06	<2	<.2	125	.4	<.2	13.9
L0+50N 2+50E	24.9	176.0	7.1	60.5	373	15	13	590	4.56	3.0	<5	<.1	<1	24	.22	<.2	<.1	134	.25	.095	4	27	.70	66	.11	<2	2.50	.02	.09	<2	<.2	54	.4	<.2	10.2
L0+50N 2+75E	37.9	170.8	5.2	41.5	261	12	8	222	4.18	1.6	<5	<.1	1	13	.24	<.2	<.1	124	.13	.044	4	33	.62	41	.15	<2	2.34	.01	.05	<2	<.2	64	.5	<.2	11.2
L0+50N 3+00E	14.5	155.7	6.1	71.1	229	25	12	509	4.69	3.3	<5	<.1	<1	18	.06	.2	<.1	145	.17	.070	4	61	1.03	41	.20	<2	2.60	.02	.05	<2	<.2	53	.3	<.2	11.0
L0+50N 3+25E	13.0	211.1	6.1	78.0	485	18	12	572	4.55	5.2	<5	<.1	<1	18	.28	<.2	<.1	131	.25	.104	3	37	.83	70	.13	<2	3.21	.01	.07	<2	<.2	116	.5	<.2	9.8
STANDARD D2/HG-500	24.1	125.4	99.5	272.9	1971	30	17	1063	4.27	71.5	19	4.8	17	89	2.11	11.4	20.3	81	.87	.106	18	55	1.20	275	.16	25	2.62	.10	.75	16	2.4	446	.5	2.0	7.2

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

Data [illegible] FA ____

Discovery Consultants FILE # 97-3601

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L0+50S 4+75W	11.3	140.5	5.8	71.6	251	32	21	869	4.39	4.1	<5	<.1	<1	48	.17	.4	<.1	117	.44	.052	8	57	1.36	111	.15	<2	3.53	.02	.12	<2	.2	33	.4	<.2	8.5
L0+50S 4+50W	4.6	59.7	9.7	54.8	483	17	11	540	4.59	2.2	<5	<.1	<1	24	.34	.3	.1	99	.16	.068	6	44	.72	64	.08	<2	3.54	.01	.05	<2	<.2	69	.3	<.2	10.0
L0+50S 4+25W	5.5	52.5	8.5	40.1	443	16	10	335	3.87	3.0	<5	<.1	<1	29	.43	.4	.1	91	.22	.055	6	33	.67	65	.11	4	2.61	.01	.05	<2	<.2	50	.3	<.2	9.1
L0+50S 4+00W	69.5	318.7	9.0	73.5	754	36	22	856	4.38	4.3	<5	<.1	<1	48	.38	.6	<.1	105	.33	.062	26	56	1.20	215	.09	<2	3.39	.02	.11	<2	.3	63	.7	.4	10.7
L0+50S 3+75W	41.5	1054.1	7.0	97.2	355	36	22	970	4.17	3.2	<5	<.1	<1	56	.60	.5	<.1	100	.53	.067	37	54	1.26	247	.12	<2	3.58	.02	.11	<2	.5	63	<.3	.4	11.2
L0+50S 3+50W	21.1	39.3	10.6	26.4	433	5	3	177	3.71	1.8	<5	<.1	<1	18	.39	.3	.2	79	.13	.040	4	19	.23	46	.14	<2	1.49	.01	.03	<2	<.2	42	<.3	<.2	11.1
L0+50S 3+25W	34.0	1083.9	4.5	51.6	512	8	9	628	2.60	.6	13	<.1	<1	54	.34	.8	<.1	62	.43	.047	136	16	.21	100	.11	2	1.92	.04	.03	<2	<.2	143	.6	.4	6.0
L0+50S 3+00W	40.2	381.4	15.8	33.9	1006	4	6	233	3.85	1.3	<5	<.1	<1	12	1.09	.3	1.0	66	.09	.075	10	12	.19	79	.04	<2	2.18	.01	.03	<2	<.2	77	.4	.2	13.9
L0+50S 2+75W	43.3	1997.1	12.9	112.7	368	36	20	899	4.44	2.0	<5	<.1	<1	34	.93	.8	.4	91	.44	.072	70	46	1.22	243	.08	<2	3.88	.02	.08	<2	.4	59	.5	.8	12.1
L0+50S 2+50W	49.8	106.6	9.0	37.0	328	9	5	200	3.76	2.9	<5	<.1	<1	21	.32	.4	<.1	91	.20	.038	4	22	.35	80	.13	<2	2.00	.01	.05	<2	<.2	52	<.3	<.2	10.1
RE L0+50S 2+50W	49.5	103.9	9.2	36.3	371	8	5	198	3.74	2.2	<5	<.1	<1	21	.35	.3	<.1	90	.20	.038	4	21	.35	79	.13	<2	1.99	.01	.05	<2	.4	46	<.3	.2	11.3
L0+50S 2+25W	34.4	40.7	12.3	32.5	278	8	4	211	4.86	2.4	<5	<.1	1	18	.29	.4	.1	126	.14	.045	4	26	.36	45	.22	3	2.07	.01	.04	<2	<.2	62	<.3	<.2	17.0
L0+50S 2+00W	67.4	378.3	10.7	43.8	481	13	7	225	4.68	4.3	<5	<.1	1	17	.22	1.9	<.1	112	.14	.051	4	43	.67	47	.17	<2	3.39	.01	.04	<2	.5	88	.4	.4	12.3
L0+50S 1+75W	44.0	183.5	9.0	16.5	634	3	2	74	3.67	1.7	<5	<.1	<1	9	.20	.3	<.1	82	.06	.052	4	16	.18	24	.12	<2	1.76	.01	.02	<2	.3	65	<.3	.2	14.2
L0+50S 1+50W	26.5	383.7	11.3	22.6	529	5	3	133	3.25	2.3	<5	<.1	<1	12	.41	.4	2.1	74	.09	.047	11	15	.23	47	.13	<2	1.75	.01	.03	<2	<.2	46	<.3	.2	16.1
L1+50S 4+75W	3.5	61.8	10.4	80.7	211	18	15	917	3.91	2.3	<5	<.1	<1	22	.17	.3	.8	90	.20	.079	7	34	.89	104	.09	2	2.98	.01	.10	2	<.2	39	<.3	.3	8.8
L1+50S 4+50W	46.5	210.8	16.3	82.3	162	20	12	534	3.76	4.3	<5	<.1	<1	38	.29	.8	.2	95	.36	.048	5	42	1.04	194	.10	<2	2.77	.01	.10	<2	.2	52	.6	.3	12.1
L1+50S 4+25W	15.4	90.1	10.8	34.0	205	20	6	133	4.20	1.4	<5	<.1	<1	13	.21	.6	.6	128	.11	.057	3	72	.59	51	.09	<2	2.03	.01	.06	<2	<.2	72	<.3	.3	14.2
L1+50S 4+00W	12.4	75.3	8.5	38.4	604	7	5	315	3.69	1.8	<5	<.1	<1	11	.17	.3	.2	77	.08	.062	5	25	.39	37	.07	<2	3.06	.01	.04	<2	<.2	54	.5	<.2	10.6
L1+50S 3+75W	25.4	444.4	7.4	73.7	484	46	10	288	4.49	2.9	<5	<.1	<1	17	.26	.3	<.1	134	.14	.056	3	114	1.18	47	.18	2	2.68	.02	.05	<2	<.2	63	<.3	.2	14.1
L1+50S 3+50W	18.9	103.6	9.2	34.5	373	13	5	159	4.32	2.4	<5	<.1	<1	17	.18	.2	.1	115	.13	.045	4	41	.38	57	.15	<2	1.97	.01	.04	<2	<.2	43	<.3	<.2	12.8
L1+50S 3+25W	16.6	84.3	9.6	44.5	405	14	7	292	4.06	3.6	<5	<.1	<1	19	.16	.7	.1	91	.16	.048	5	39	.58	46	.13	<2	3.09	.01	.04	<2	<.2	70	.3	<.2	11.0
L1+50S 3+00W	25.0	142.1	10.1	37.4	548	10	5	220	3.96	2.7	<5	<.1	<1	15	.18	.5	.1	105	.14	.062	5	35	.50	32	.14	<2	2.55	.01	.04	<2	<.2	50	<.3	.2	12.9
L1+50S 2+75W	22.5	162.9	10.9	51.4	938	16	8	366	5.40	4.6	<5	<.1	<1	15	.24	.8	<.1	110	.13	.094	5	38	.65	45	.11	<2	3.02	.01	.05	<2	<.2	91	.6	.2	13.3
L1+50S 2+50W	28.0	166.2	10.7	31.7	475	7	4	198	3.60	2.6	<5	<.1	<1	14	.19	.2	.1	93	.10	.048	4	24	.29	54	.08	<2	1.76	.01	.04	<2	<.2	40	<.3	<.2	13.1
L1+50S 2+25W	13.7	105.1	10.1	36.4	409	10	6	292	4.58	3.8	<5	<.1	<1	17	.16	.4	<.1	106	.14	.069	4	28	.50	40	.14	<2	2.42	.01	.04	<2	<.2	50	.3	<.2	14.0
L1+50S 2+00W	27.7	156.9	8.5	37.0	759	14	5	171	4.60	2.5	<5	<.1	1	14	.18	.4	<.1	122	.12	.043	4	61	.59	38	.20	<2	2.41	.01	.03	<2	<.2	50	<.3	<.2	14.9
L1+50S 1+75W	45.2	1506.5	9.9	33.8	449	10	5	205	3.20	2.5	<15	<.3	<3	16	.21	<.6	<.3	78	.16	.039	12	26	.50	67	.14	<6	2.90	<.03	.03	<6	<.6	52	<.9	.6	15.8
L1+50S 1+50W	34.1	925.7	8.6	53.6	581	14	11	546	3.88	2.2	<5	<.1	<1	13	.34	.4	<.1	85	.13	.069	12	25	.63	58	.15	<2	3.62	.01	.04	<2	<.2	77	.9	.4	13.5
L2+50S 4+75W	3.5	55.4	8.6	56.6	166	34	13	590	3.84	2.7	<5	<.1	<1	18	.14	.4	.3	91	.15	.090	6	61	1.06	59	.08	<2	3.40	.01	.08	<2	<.2	81	<.3	.2	9.2
L2+50S 4+50W	7.7	57.5	8.2	44.3	298	11	8	506	3.31	2.3	<5	<.1	<1	17	.12	.2	.2	75	.13	.086	4	24	.54	76	.07	<2	2.25	.01	.05	<2	<.2	52	<.3	<.2	9.1
L2+50S 4+25W	13.2	121.1	7.0	56.4	382	15	10	415	4.06	2.6	<5	<.1	<1	18	.26	.2	.1	101	.15	.062	5	40	.87	62	.10	<2	3.23	.01	.04	<2	<.2	65	.4	<.2	11.5
L2+50S 4+00W	14.0	130.8	6.4	86.4	460	54	18	688	4.22	2.2	<5	<.1	<1	19	.19	.2	.1	115	.18	.055	3	228	1.79	78	.11	<2	3.05	.02	.06	<2	<.2	48	<.3	<.2	11.2
L2+50S 3+75W	49.6	211.4	10.8	59.7	618	19	12	561	4.55	2.6	<5	<.1	<1	18	.30	.4	<.1	106	.15	.062	6	50	.78	95	.10	<2	2.89	.01	.06	<2	.2	59	.3	.2	14.5
L2+50S 3+50W	28.5	201.7	9.5	41.5	570	12	7	277	3.35	2.3	<5	<.1	<1	15	.33	.6	<.1	80	.12	.061	10	28	.48	80	.12	<2	2.51	.01	.04	<2	<.2	65	.3	.2	12.9
STANDARD D2/HG-500	24.2	126.2	102.0	272.2	1975	31	17	1095	4.34	73.7	22	5.3	18	55	2.10	7.1	20.5	82	.77	.106	19	56	1.25	275	.16	25	2.69	.07	.76	16	2.6	421	.5	2.0	8.0

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L2+50S 3+25W	21.5	126.0	7.8	43.5	414	12	7	351	4.39	1.9	<5	<.1	<1	14	.21	.4	.1	95	.12	.079	5	32	.53	46	.10	<2	2.63	.01	.04	<2	.2	95	.5	.2	15.1
L2+50S 3+00W	75.6	191.4	9.1	46.7	515	12	7	280	4.66	5.3	<5	<.1	<1	17	.21	.2	.1	103	.13	.080	4	27	.55	66	.12	<2	2.01	.01	.04	<2	.7	83	<.3	.3	15.5
L2+50S 2+75W	62.7	473.1	9.0	60.7	618	17	8	298	4.04	4.9	<5	<.1	<1	18	.27	.3	<.1	103	.16	.055	6	41	.74	88	.15	<2	2.64	.01	.05	<2	.6	45	.3	.4	16.4
L2+50S 2+50W	10.1	157.2	7.0	32.7	300	7	4	217	3.20	2.3	<5	<.1	<1	11	.09	.3	<.1	85	.08	.059	3	15	.35	43	.10	<2	1.40	.01	.03	<2	<.2	67	<.3	<.2	10.9
L2+50S 2+25W	22.5	208.0	9.8	55.2	308	13	9	564	3.58	4.6	<5	<.1	<1	17	.16	.8	<.1	102	.17	.073	4	29	.63	63	.09	<2	1.75	.01	.05	<2	<.2	68	<.3	.3	10.8
L2+50S 2+00W	27.9	1453.9	8.6	50.0	662	18	8	228	4.29	5.6	<5	<.1	1	15	.19	.6	<.1	107	.12	.030	22	45	.65	81	.18	<2	3.38	.01	.04	<2	<.2	47	<.3	.8	13.4
L2+50S 1+75W	18.2	632.8	9.4	61.5	513	20	9	356	3.92	5.1	<5	<.1	<1	15	.16	.7	1.2	97	.14	.073	6	47	.83	48	.12	<2	4.47	.01	.05	<2	<.2	152	1.0	.3	10.6
L2+50S 1+50W	27.4	251.0	12.7	51.2	1136	17	7	289	5.03	4.2	<5	<.1	<1	17	.24	1.1	<.1	118	.14	.068	3	54	.78	53	.14	<2	2.59	.01	.04	<2	<.2	115	.4	.2	15.0
L4+50S BL	31.1	268.2	8.9	38.9	590	12	7	246	3.77	7.3	<5	<.1	<1	15	.16	1.8	<.1	89	.14	.053	5	30	.55	48	.10	<2	2.49	.01	.03	<2	.2	71	.3	.2	11.4
L4+50S 0+25E	18.2	182.4	10.4	29.2	438	9	5	202	3.66	2.6	<5	<.1	<1	12	.13	.6	<.1	75	.11	.078	5	25	.38	36	.10	<2	2.84	.01	.03	<2	<.2	71	.7	.2	13.9
L4+50S 0+50E	42.2	107.2	10.3	28.3	645	7	4	167	3.88	3.3	<5	<.1	<1	13	.13	.9	.2	100	.11	.052	3	21	.28	42	.15	<2	1.68	.01	.02	<2	<.2	53	<.3	.3	15.1
L4+50S 0+75E	23.9	481.5	11.8	34.6	1183	7	6	303	3.56	4.9	<5	<.1	<1	9	.09	.6	.3	81	.09	.100	4	14	.32	42	.09	<2	2.40	.01	.04	<2	<.2	69	.7	.3	13.2
L4+50S 1+00E	21.3	842.7	13.0	47.7	872	11	8	312	3.53	3.7	<5	<.1	<1	13	.15	.6	.3	93	.13	.102	5	36	.67	37	.10	<2	3.02	.01	.04	<2	<.2	92	.8	.3	9.6
L4+50S 1+25E	84.1	4255.2	4.2	164.0	900	69	27	515	6.02	8.4	<30	<.6	<6	14	.23	<1.2	<.6	248	.38	.072	<6	251	3.75	166	.56	<12	4.11	<.06	.99	<12	<1.2	18	<1.8	1.8	19.5
L4+50S 1+50E	40.0	524.1	6.9	35.2	864	7	5	153	2.71	6.5	<5	<.1	<1	10	.08	10.6	<.1	65	.08	.056	4	15	.31	45	.04	4	1.76	.01	.04	<2	.2	54	<.3	.3	8.9
L4+50S 1+75E	38.6	531.0	9.1	50.2	856	11	6	356	3.18	5.7	<5	<.1	<1	13	.09	6.0	.2	81	.12	.087	4	22	.45	52	.09	2	1.93	.01	.04	<2	.2	38	.4	.4	11.7
L4+50S 2+00E	62.6	2996.1	8.2	82.2	673	23	13	560	3.26	9.1	<5	<.1	<1	17	.42	2.5	<.1	85	.22	.116	12	33	.73	65	.09	2	2.90	.01	.05	<2	.4	51	<.3	1.3	12.4
L4+50S 2+25E	58.2	561.6	11.5	51.2	523	17	7	247	3.36	5.5	<5	<.1	<1	9	.15	2.0	.2	82	.06	.077	4	22	.28	50	.07	2	1.72	.01	.05	<2	.2	59	<.3	.4	12.0
RE L4+50S 2+25E	55.6	539.6	11.1	51.6	503	15	6	238	3.21	5.1	<5	<.1	<1	8	.13	2.0	<.1	78	.06	.076	4	21	.26	48	.07	2	1.65	.01	.05	<2	<.2	54	<.3	.3	12.1
L4+50S 2+50E	72.9	990.4	6.1	67.8	753	7	9	335	3.39	4.0	<5	<.1	<1	13	.12	1.5	<.1	123	.12	.027	3	10	.78	77	.16	2	1.63	.01	.04	<2	.5	27	<.3	.5	11.5
L4+50S 2+75E	25.7	510.4	8.2	64.9	352	12	9	486	3.59	4.1	<5	<.1	<1	20	.17	2.4	<.1	88	.17	.084	7	24	.57	79	.11	<2	1.86	.01	.05	<2	<.2	51	<.3	.3	11.9
L4+50S 3+00E	30.4	791.8	7.5	81.6	471	17	17	1252	3.20	3.6	<5	<.1	<1	48	.30	2.2	<.1	85	.35	.085	23	31	.67	230	.08	<2	1.88	.01	.07	<2	<.2	33	.3	.4	10.3
L4+50S 3+25E	34.2	299.5	8.9	89.7	515	32	20	1096	4.27	5.2	<5	<.1	<1	62	.24	1.0	.9	105	.37	.085	10	54	1.14	166	.08	<2	2.88	.01	.09	<2	<.2	31	<.3	.3	11.7
L4+50S 3+50E	29.1	153.5	8.2	65.8	484	22	14	868	3.83	5.1	<5	<.1	<1	43	.21	.8	<.1	94	.30	.079	9	44	.80	98	.10	<2	2.33	.01	.06	<2	<.2	43	<.3	.2	11.1
L4+50S 3+75E	17.6	149.6	7.7	66.1	776	28	16	733	4.13	6.0	<5	<.1	<1	49	.28	.7	<.1	96	.31	.085	7	50	.88	90	.09	<2	2.73	.01	.06	<2	<.2	67	<.3	.2	11.3
L4+50S 4+00E	21.2	140.6	7.0	67.5	589	31	17	691	4.32	6.3	<5	<.1	<1	48	.25	.7	<.1	105	.36	.065	10	62	1.04	119	.09	<2	2.77	.01	.07	<2	<.2	60	.3	<.2	11.0
L4+50S 4+25E	45.8	208.4	9.0	81.3	1166	34	24	2301	4.73	6.0	<5	<.1	<1	54	.41	.7	<.1	110	.42	.082	18	63	1.08	162	.08	<2	3.17	.01	.09	<2	.3	69	.9	.2	13.5
L5+50S BL	20.1	217.9	8.5	46.2	508	14	7	282	3.66	4.5	<5	<.1	<1	14	.16	.7	<.1	90	.13	.072	4	33	.59	34	.13	<2	2.51	.01	.05	<2	<.2	82	.7	<.2	12.4
L5+50S 0+25E	23.0	136.6	8.1	29.6	563	9	5	191	3.57	3.2	<5	<.1	<1	13	.12	1.1	<.1	86	.09	.059	4	26	.31	45	.11	<2	1.76	.01	.03	<2	<.2	73	.3	<.2	14.0
L5+50S 0+50E	28.3	121.8	10.9	32.5	425	10	5	241	4.76	4.3	<5	<.1	1	13	.10	.8	<.1	96	.09	.247	3	25	.32	59	.15	<2	1.89	.01	.04	<2	<.2	87	.4	.2	17.3
L5+50S 0+75E	21.5	433.3	6.8	50.5	631	15	8	306	3.70	2.6	<5	<.1	1	16	.08	.9	<.1	96	.14	.054	5	35	.69	53	.14	<2	2.58	.01	.05	<2	<.2	28	.4	.3	12.3
L5+50S 1+00E	21.0	491.3	8.6	45.5	825	11	7	350	3.33	3.0	<5	<.1	<1	13	.10	.9	.4	78	.11	.063	5	25	.53	57	.10	<2	2.62	.01	.04	<2	<.2	61	.6	.3	11.8
L5+50S 1+25E	21.9	300.9	7.8	34.5	914	7	5	227	3.13	2.0	<5	<.1	1	16	.09	.4	.4	77	.12	.060	4	18	.38	49	.11	<2	1.61	.01	.03	<2	<.2	43	<.3	.2	12.4
L5+50S 1+50E	29.6	1309.3	5.8	51.5	894	20	13	428	3.56	5.6	<15	<.3	<3	21	.20	.7	1.0	94	.21	.044	11	43	.99	66	.14	<6	3.19	<.03	.05	<6	<.6	64	<.9	<.6	7.9
L5+50S 1+75E	49.6	3563.1	4.1	70.9	356	30	12	400	3.40	4.6	<15	<.3	<3	46	.77	.7	<.3	86	.46	.014	8	44	1.04	132	.15	<6	2.16	<.03	.08	<6	.8	10	<.9	1.2	10.7
STANDARD D2/HG-500	24.4	126.0	103.7	272.8	1907	31	17	1087	4.29	73.3	19	5.5	17	54	2.10	7.4	22.4	80	.77	.106	19	56	1.25	274	.16	24	2.66	.07	.76	16	3.0	430	.6	2.2	8.0

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

Date ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L5+50S 2+00E	105.9	1830.8	9.8	86.5	148	38	21	529	4.03	3.8	<5	<.1	1	47	.47	.9	<.1	105	.48	.014	8	67	1.43	129	.21	<2	2.52	.02	.10	<2	.6	12	<.3	.6	7.0
L5+50S 2+25E	114.8	1505.9	11.2	68.6	333	19	14	403	4.15	6.5	<5	<.1	<1	53	.47	1.7	<.1	102	.49	.037	6	39	.76	185	.12	<2	2.10	.01	.07	<2	.5	29	.6	.7	10.6
L5+50S 2+50E	81.4	1662.3	10.1	57.3	787	15	12	522	3.27	4.5	<5	<.1	<1	38	.73	2.8	.5	87	.32	.054	12	30	.58	118	.10	<2	1.78	.01	.05	<2	.4	39	.3	.7	8.5
L5+50S 2+75E	37.8	708.4	6.4	74.8	303	14	11	224	3.66	3.5	<5	<.1	<1	47	.21	1.1	1.5	110	.30	.059	6	25	1.04	99	.22	<2	1.80	.01	.15	<2	<.2	40	<.3	.4	8.7
L5+50S 3+00E	44.4	2901.5	6.7	48.8	1005	9	15	515	2.84	3.1	<5	<.1	<1	73	.51	2.3	<.1	81	.44	.050	53	20	.42	190	.09	2	1.48	.01	.04	<2	.3	59	.7	1.0	7.0
L5+50S 3+25E	48.0	816.3	12.6	61.4	795	16	14	485	3.72	5.5	<5	<.1	<1	33	.25	2.9	<.1	92	.24	.062	20	32	.68	120	.13	<2	2.32	.01	.05	<2	.2	49	.4	.4	8.5
L5+50S 3+50E	42.8	583.2	10.7	43.4	1269	16	14	466	4.17	6.5	<5	<.1	<1	88	.36	1.4	.9	84	.42	.084	33	38	.56	125	.11	<2	2.65	.01	.04	<2	.2	98	.9	.3	9.6
L5+50S 3+75E	40.2	251.1	11.2	44.7	596	17	17	916	3.56	5.0	<5	<.1	<1	143	.30	.7	<.1	90	.56	.082	15	36	.63	107	.09	<2	2.05	.01	.05	<2	.4	60	.6	<.2	7.3
L5+50S 4+00E	32.0	230.1	24.0	55.6	792	33	19	693	4.06	7.1	<5	<.1	<1	97	.27	1.1	<.1	99	.43	.071	18	54	.99	104	.11	<2	2.69	.02	.06	<2	.2	67	.6	.2	6.9
L5+50S 4+25E	29.2	167.6	11.4	61.0	753	26	18	959	4.02	5.7	<5	<.1	<1	51	.27	.5	<.1	93	.30	.071	12	50	.83	82	.11	<2	2.66	.01	.06	<2	<.2	70	.3	.2	7.8
L6+50S 0+50W	29.0	154.7	16.5	53.2	464	19	10	327	3.80	4.8	<5	<.1	<1	13	.12	1.9	<.1	79	.11	.063	8	37	.64	80	.06	<2	3.00	.01	.05	<2	.3	72	.6	<.2	8.7
L6+50S 0+25W	14.7	301.1	12.0	56.6	199	24	12	421	4.45	6.3	<5	<.1	<1	15	.11	.6	<.1	87	.12	.109	7	40	.73	66	.10	<2	4.36	.01	.05	<2	.2	99	1.1	<.2	9.1
L6+50S BL	18.9	260.6	11.8	38.7	326	15	7	267	3.94	3.1	<5	<.1	1	14	.12	.6	<.1	86	.11	.085	5	30	.54	52	.11	<2	2.95	.01	.04	<2	<.2	70	.5	<.2	9.5
L6+50S 0+25E	26.3	124.3	12.5	34.9	414	9	5	216	3.44	2.9	<5	<.1	1	16	.18	.7	<.1	86	.12	.055	3	24	.39	47	.16	<2	1.64	.01	.04	<2	<.2	39	<.3	<.2	10.0
L6+50S 0+50E	72.5	1282.7	12.2	49.0	466	11	9	232	4.06	2.6	<5	<.1	1	34	.31	.3	.7	94	.25	.040	8	28	.44	122	.13	<2	2.08	.01	.04	<2	.4	52	<.3	.4	11.6
L6+50S 0+75E	71.4	1100.0	13.0	51.9	556	13	14	325	3.21	2.6	<5	<.1	<1	35	.33	.6	1.0	82	.27	.028	5	24	.43	187	.12	<2	1.52	.01	.05	<2	.3	35	<.3	.5	9.3
L6+50S 1+00E	118.4	1281.3	12.3	53.2	513	19	9	251	4.34	4.7	<5	<.1	1	56	.32	.7	<.1	100	.31	.027	6	39	.70	166	.13	<2	2.44	.01	.06	<2	.6	37	.4	.6	10.4
L6+50S 1+25E	117.4	1143.3	15.6	47.9	947	17	12	398	4.57	4.7	<5	<.1	<1	48	.60	.7	1.1	94	.25	.048	21	36	.53	194	.14	<2	2.39	.01	.05	<2	.4	70	.7	.6	12.0
L6+50S 1+50E	65.6	458.6	14.5	57.3	447	13	10	475	3.72	2.5	<5	<.1	<1	19	.24	.5	<.1	90	.15	.045	6	29	.55	114	.12	<2	2.02	.01	.04	<2	.3	140	<.3	.3	9.2
L6+50S 1+75E	48.5	235.1	13.3	50.9	718	13	7	368	3.71	2.1	<5	<.1	<1	16	.27	.5	<.1	85	.14	.044	4	29	.47	60	.14	<2	1.89	.01	.04	<2	.3	53	<.3	.2	9.7
RE L6+50S 1+75E	51.7	250.0	13.3	53.3	764	13	7	391	3.80	2.6	<5	<.1	<1	17	.30	.4	<.1	87	.14	.048	4	29	.49	63	.14	<2	2.01	.01	.04	<2	.2	69	<.3	<.2	10.0
L6+50S 2+00E	114.0	954.1	12.7	54.8	348	21	17	598	3.47	3.5	<5	<.1	<1	38	.30	.4	<.1	82	.29	.048	15	41	.84	254	.10	<2	2.10	.01	.07	<2	.6	28	.4	.4	9.3
L6+50S 2+25E	71.9	540.7	11.6	50.5	935	17	8	270	3.84	4.4	<5	<.1	<1	27	.38	1.6	<.1	85	.22	.045	13	35	.55	152	.11	<2	2.42	.01	.04	<2	.2	104	.6	.3	9.6
L6+50S 2+50E	89.3	1205.7	9.0	82.8	657	44	13	326	4.46	2.8	<5	<.1	1	27	.28	.9	1.2	150	.26	.040	7	174	1.55	147	.26	<2	3.15	.02	.06	<2	.4	31	<.3	.5	13.8
L6+50S 2+75E	47.2	246.2	10.3	47.9	686	14	8	366	3.82	3.5	<5	<.1	<1	17	.28	1.4	<.1	96	.15	.052	5	33	.52	68	.13	<2	1.88	.01	.03	<2	.3	54	<.3	<.2	8.9
L6+50S 3+00E	75.1	361.8	13.5	54.8	519	15	10	250	4.06	3.7	<5	<.1	1	23	.34	1.1	<.1	105	.19	.041	5	36	.55	82	.20	<2	2.05	.01	.04	<2	.4	72	.5	.2	10.1
L6+50S 3+25E	74.0	1392.4	8.6	49.5	519	19	12	306	4.20	5.1	<5	<.1	<1	56	.32	1.5	<.1	101	.43	.027	14	40	.77	134	.18	<2	2.03	.01	.05	<2	.4	38	1.1	.5	8.8
L6+50S 3+50E	138.9	3678.7	7.3	67.8	1183	20	18	1015	3.30	3.9	<25	<.5	<5	71	.89	2.0	<.5	80	.61	.049	15	40	.76	180	.10	<10	1.98	<.05	.06	<10	<1	45	<1.5	<1	8.2
L6+50S 4+00E	88.7	3586.7	8.5	78.4	731	29	17	542	3.27	3.4	<25	<.5	<5	89	.60	1.4	<.5	82	.60	.040	15	46	.93	196	.11	<10	2.41	<.05	.08	<10	<1	28	<1.5	<1	7.8
L6+50S 4+50E	23.1	288.7	7.6	29.3	549	17	7	179	1.91	1.4	<5	<.1	<1	30	.07	.4	<.1	46	.27	.091	18	38	.61	90	.05	<2	3.05	.03	.04	<2	<.2	202	.9	<.2	6.0
L6+50S 4+75E	29.7	301.7	9.7	49.9	108	30	11	255	2.73	2.7	<5	<.1	1	40	.03	.3	<.1	82	.32	.073	17	53	1.04	167	.09	<2	4.15	.01	.06	<2	.3	100	.4	<.2	7.7
L6+50S 5+00E	45.7	52.6	11.8	29.7	166	12	6	136	2.46	1.7	<5	<.1	1	27	.08	.4	.1	71	.17	.025	7	25	.49	58	.14	<2	1.82	.01	.04	<2	.4	34	<.3	<.2	9.4
L6+50S 9+00E	4.5	60.0	10.3	77.8	204	34	17	664	3.92	4.2	<5	<.1	<1	28	.19	.5	<.1	102	.44	.061	5	52	.98	62	.15	<2	3.68	.02	.05	<2	.2	61	.4	<.2	9.0
L6+50S 9+25E	3.0	42.4	10.6	62.9	191	29	12	299	3.96	5.7	<5	<.1	1	21	.13	.5	<.1	95	.27	.064	4	52	.82	50	.17	<2	3.58	.01	.04	<2	<.2	75	.4	<.2	9.8
L6+50S 9+50E	3.2	48.3	13.0	64.2	204	38	15	349	4.47	4.8	<5	<.1	<1	23	.18	.8	<.1	108	.30	.054	4	59	.95	71	.19	<2	3.23	.02	.05	<2	<.2	66	.3	<.2	9.7
STANDARD D2/HG-500	24.6	126.3	96.5	277.9	2162	32	17	1010	4.39	81.1	21	3.9	17	60	1.86	8.0	19.9	83	.71	.110	19	58	1.22	281	.16	26	2.50	.10	.77	16	2.2	449	.5	1.6	6.5

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

Data 4 FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L6+50S 9+75E	1.4	83.0	4.5	43.8	243	67	21	761	4.47	9.4	<5	<.1	<1	19	.11	.4	.3	85	.25	.082	4	56	.76	48	.12	<2	2.44	.02	.03	<2	<.2	122	.5	<.2	9.6
L6+50S 10+00E	1.1	50.4	4.5	43.3	156	68	21	390	3.83	14.6	<5	<.1	1	15	.13	.5	.2	73	.25	.073	4	49	.62	33	.12	3	2.43	.02	.03	<2	<.2	131	.5	<.2	9.8
L6+50S 10+25E	1.0	52.1	6.4	51.3	97	73	21	406	4.14	10.1	<5	<.1	<1	15	.11	.4	.1	78	.25	.087	3	46	.65	38	.16	2	1.91	.02	.04	<2	<.2	117	.3	<.2	9.6
L6+50S 10+50E	1.1	57.7	4.6	64.5	154	83	29	1266	4.24	16.5	<5	<.1	1	19	.14	.4	.1	77	.31	.126	4	66	.96	44	.11	3	3.04	.02	.03	<2	<.2	108	.5	<.2	9.1
L6+50S 10+75E	.9	61.1	5.0	58.7	130	99	35	1382	4.79	13.7	<5	<.1	<1	23	.12	.4	.2	87	.42	.082	4	75	.98	65	.17	3	2.67	.02	.04	<2	<.2	74	<.3	<.2	8.5
L6+50S 11+00E	.9	74.8	4.5	52.6	132	108	41	1762	4.89	16.2	<5	<.1	1	24	.11	.2	.2	83	.43	.091	3	84	1.24	79	.12	4	2.79	.02	.05	<2	<.2	69	.4	<.2	8.1
L6+50S 11+25E	.6	78.8	3.8	54.4	160	76	36	1715	4.09	11.5	<5	<.1	<1	27	.09	.3	.2	80	.43	.096	3	79	1.14	55	.10	<2	2.70	.02	.05	<2	<.2	89	.3	<.2	7.4
L6+50S 11+50E	1.0	86.8	4.5	64.6	93	116	41	1212	4.69	23.1	7	<.1	<1	30	.08	.3	.3	94	.48	.072	3	93	1.79	53	.12	3	3.09	.02	.06	<2	<.2	54	.3	<.2	9.5
L6+50S 11+75E	.3	118.0	6.8	73.2	92	111	54	1864	4.88	16.7	<5	<.1	<1	39	.13	.4	.3	97	.72	.129	3	108	2.38	54	.09	<2	3.15	.02	.07	<2	<.2	43	.3	<.2	6.9
L6+50S 12+00E	.4	68.6	3.6	63.2	68	88	50	2829	4.93	10.7	<5	<.1	<1	37	.09	.3	.3	92	.59	.196	3	76	1.67	91	.06	2	2.58	.02	.05	<2	<.2	52	<.3	<.2	7.6
L6+50S 12+25E	2.7	89.0	4.6	85.1	87	104	45	2937	5.50	23.5	<5	<.1	<1	42	.16	.3	.6	89	.68	.153	3	61	1.07	107	.08	2	2.36	.02	.07	<2	<.2	73	.3	<.2	9.2
L6+50S 12+50E	5.1	115.3	4.3	67.8	193	165	38	1015	6.50	6.7	<5	<.1	<1	22	.20	.4	.2	80	.28	.135	5	104	.96	33	.10	<2	3.16	.01	.04	<2	<.2	68	1.0	<.2	6.9
L6+50S 12+75E	.4	51.6	2.2	48.1	97	43	20	586	3.18	3.4	<5	<.1	<1	21	.05	<.2	.1	65	.51	.059	1	139	1.24	27	.19	<2	1.97	.01	.05	<2	<.2	33	<.3	<.2	6.2
L6+50S 13+00E	.5	63.9	3.9	56.3	204	42	18	392	3.51	5.5	<5	<.1	<1	21	.05	.3	.1	78	.37	.054	2	83	.90	31	.19	17	2.06	.02	.05	<2	<.2	46	<.3	<.2	8.2
L6+50S 13+25E	1.1	135.2	5.6	55.8	428	54	19	531	4.83	11.1	<5	<.1	1	22	.10	.3	.2	95	.29	.119	3	72	1.05	34	.13	<2	3.33	.01	.05	<2	<.2	98	.4	<.2	11.7
L6+50S 13+50E	.7	59.5	3.7	54.7	184	65	24	627	4.78	4.5	<5	<.1	<1	17	.05	.2	.2	93	.21	.052	3	99	1.48	36	.19	<2	2.40	.01	.05	<2	<.2	40	.5	<.2	8.5
L7+00S 9+00E	2.2	55.9	6.5	71.0	94	35	17	572	5.13	9.8	<5	<.1	1	28	.07	.3	.2	114	.44	.041	7	52	1.12	54	.19	3	3.22	.02	.05	<2	<.2	71	.4	<.2	13.7
L7+00S 9+25E	1.6	56.3	6.3	66.8	394	52	17	623	4.24	16.6	<5	<.1	1	28	.10	.3	.2	99	.56	.042	6	53	1.06	46	.19	2	3.58	.03	.05	<2	<.2	72	.3	<.2	11.7
RE L7+00S 9+25E	1.5	57.5	6.3	66.1	385	51	17	617	4.29	18.8	<5	<.1	1	30	.09	.3	.2	100	.57	.042	7	51	1.05	46	.19	2	3.57	.03	.05	<2	<.2	79	<.3	<.2	11.9
L7+00S 9+50E	1.2	38.8	5.1	47.3	148	28	11	324	4.13	7.4	<5	<.1	1	20	.08	.3	.1	90	.23	.062	4	45	.75	44	.19	<2	2.49	.02	.04	<2	<.2	83	.3	<.2	10.3
L7+00S 9+75E	1.3	54.4	5.4	60.8	107	40	18	725	5.10	6.3	<5	<.1	1	31	.10	.3	.4	104	.38	.060	6	57	1.22	62	.20	4	3.60	.02	.05	<2	<.2	111	.3	.2	11.4
L7+00S 10+00E	1.2	52.1	5.1	58.2	229	58	20	512	4.40	7.1	6	<.1	1	24	.05	.4	.3	89	.35	.057	5	68	.95	54	.21	3	2.92	.02	.05	<2	<.2	83	.3	<.2	10.4
L7+00S 10+25E	1.1	36.4	5.7	53.4	199	68	23	787	4.08	7.9	<5	<.1	1	24	.06	.3	.2	77	.39	.066	4	58	.89	51	.18	3	2.06	.02	.04	<2	<.2	44	<.3	<.2	10.2
L7+00S 10+50E	1.2	37.6	5.7	55.0	198	69	24	785	4.17	7.4	5	<.1	<1	24	.05	.3	.2	80	.41	.065	4	58	.91	50	.18	<2	2.16	.02	.04	<2	<.2	60	<.3	<.2	10.8
L7+00S 10+75E	1.1	72.2	3.8	54.6	103	118	41	1054	5.36	7.6	<5	<.1	<1	24	.03	.2	.2	76	.44	.103	3	78	1.15	43	.19	<2	2.85	.02	.04	<2	<.2	52	<.3	<.2	8.3
L7+00S 11+00E	1.7	72.2	3.3	40.2	98	153	48	790	6.55	9.3	<5	<.1	<1	22	.08	.3	.2	72	.43	.085	3	86	1.12	33	.20	<2	2.56	.02	.03	<2	<.2	50	.3	<.2	6.9
L7+00S 11+25E	1.5	127.5	3.7	44.9	123	221	55	645	5.95	4.9	<5	<.1	<1	20	.06	.3	.1	62	.41	.114	3	54	.66	29	.13	<2	2.35	.01	.03	<2	<.2	55	.5	<.2	6.5
L7+00S 11+50E	3.8	143.3	2.1	48.4	126	243	84	1721	15.52	10.1	<5	<.1	<1	17	.17	.4	.1	81	.37	.160	1	101	1.32	43	.19	<2	2.83	.02	.05	<2	.4	37	.9	<.2	5.3
L7+00S 11+75E	1.7	134.4	3.2	51.9	212	218	80	1650	8.41	3.5	<5	<.1	<1	26	.27	.2	.1	92	.56	.119	2	115	1.23	89	.13	<2	2.43	.03	.04	<2	.2	35	2.1	.2	5.6
L7+00S 12+00E	.8	133.1	2.7	53.9	145	143	57	1310	4.95	12.7	<5	<.1	<1	50	.10	.3	.1	87	.77	.112	3	110	1.70	73	.10	<2	3.59	.03	.07	<2	<.2	33	.4	<.2	8.4
L7+00S 12+25E	.8	109.8	4.0	63.1	137	139	46	815	4.41	7.9	<5	<.1	<1	42	.10	.3	.2	81	.65	.175	3	102	1.69	62	.11	<2	3.42	.02	.07	<2	<.2	32	.4	<.2	8.7
L7+00S 12+50E	.7	116.9	3.9	64.4	133	147	49	801	4.54	6.5	<5	<.1	2	44	.09	.2	.2	84	.67	.182	4	107	1.78	61	.11	7	3.59	.02	.08	<2	<.2	28	.4	<.2	8.6
L7+00S 12+75E	2.8	64.9	6.4	67.6	159	73	30	951	4.89	5.5	<5	<.1	<1	34	.14	.3	.2	92	.59	.084	5	79	1.34	59	.11	<2	2.85	.02	.08	<2	<.2	44	<.3	<.2	9.1
L7+00S 13+00E	2.4	66.2	7.2	72.4	149	77	32	1281	5.05	7.9	<5	<.1	<1	26	.12	.4	.1	93	.34	.103	7	81	1.30	68	.07	<2	3.00	.01	.07	<2	<.2	33	<.3	<.2	9.6
L7+00S 13+25E	.7	53.3	3.4	55.5	219	47	19	458	3.79	11.9	<5	<.1	<1	23	.04	.2	.2	82	.43	.055	3	99	1.09	29	.20	<2	2.35	.02	.04	<2	<.2	31	<.3	<.2	9.9
STANDARD D2/HG-	24.8	125.5	99.0	253.6	2103	32	18	1105	4.74	72.4	18	5.6	20	65	2.15	8.6	23.4	75	.73	.111	20	57	1.26	244	.12	25	2.45	.06	.70	16	2.7	428	.5	2.0	7.7

Standard is STANDARD D2/HG-500. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L7+00S 13+50E	.8	109.4	3.7	57.0	52	63	26	570	3.89	13.6	<5	<.1	1	22	.08	.2	.3	87	.28	.070	3	100	1.22	55	.16	<2	3.25	.02	.04	<2	.4	36	.7	<.2	6.0
L7+50S BL	8.4	121.2	7.6	85.6	73	48	21	1210	3.74	5.0	<5	<.1	<1	39	.19	.2	.6	87	.43	.093	7	114	1.25	105	.12	<2	2.39	.02	.08	<2	.3	47	.4	<.2	7.1
L7+50S 0+25E	12.6	127.9	5.8	67.4	107	47	17	523	3.88	5.6	<5	<.1	1	20	.15	.2	.5	92	.19	.063	6	122	1.29	69	.13	<2	2.68	.02	.06	<2	.5	52	.5	<.2	7.4
L7+50S 0+50E	19.1	112.0	6.3	61.7	149	28	14	581	3.73	4.9	<5	<.1	1	20	.15	.3	.5	86	.18	.086	6	52	.94	82	.10	<2	2.58	.01	.06	<2	.5	78	.4	<.2	7.1
L7+50S 0+75E	36.9	854.9	5.2	71.4	93	24	46	892	3.67	5.6	<5	<.1	<1	33	.22	.2	3.1	84	.24	.085	11	43	.85	197	.07	<2	2.21	.01	.06	<2	.7	56	.8	.3	7.0
L7+50S 1+00E	29.0	141.0	6.4	69.9	369	22	15	607	3.99	6.7	<5	<.1	1	25	.24	.4	.5	95	.19	.057	6	43	.86	84	.11	<2	2.77	.01	.06	<2	.5	51	.6	.2	7.7
L7+50S 1+25E	15.5	69.6	12.9	43.4	462	12	7	258	3.91	7.0	<5	<.1	<1	15	.38	.4	.3	87	.12	.056	4	31	.45	55	.12	<2	2.07	.01	.04	<2	<.2	85	.3	<.2	9.4
L7+50S 1+50E	22.8	110.7	12.0	55.0	311	20	12	434	4.14	10.8	<5	<.1	<1	21	.30	.5	.4	93	.17	.065	6	42	.75	57	.11	<2	2.27	.01	.06	<2	<.2	109	.3	<.2	9.6
L7+50S 1+75E	22.2	85.0	10.5	61.8	314	19	10	441	4.18	9.0	<5	<.1	1	20	.36	.6	.3	97	.16	.055	4	41	.76	67	.13	<2	2.04	.01	.06	<2	<.2	90	.3	<.2	9.0
RE L7+50S 1+75E	23.8	90.9	9.6	64.7	330	20	11	470	4.41	8.4	<5	<.1	1	19	.35	.5	.3	101	.15	.058	4	46	.81	72	.13	<2	2.14	.01	.06	<2	.2	101	.3	<.2	9.1
L7+50S 2+00E	20.1	59.4	8.1	31.9	407	9	4	124	3.72	4.6	<5	<.1	1	21	.33	.2	.4	79	.13	.031	4	25	.25	65	.13	<2	1.85	.01	.03	<2	<.2	53	.7	<.2	10.9
L7+50S 2+25E	24.2	79.1	10.9	31.5	307	7	5	135	3.61	3.7	<5	<.1	1	11	.23	.4	.4	91	.05	.048	4	14	.18	66	.16	<2	1.71	.01	.03	<2	<.2	60	.4	<.2	14.7
L7+50S 2+50E	19.8	50.2	9.1	28.1	293	6	4	134	3.34	3.6	<5	<.1	1	15	.09	.3	.3	96	.09	.025	4	19	.24	51	.19	<2	1.17	.01	.03	<2	.2	26	.3	<.2	11.3
L7+50S 2+75E	15.9	70.3	11.2	36.0	221	8	5	181	3.73	2.7	<5	<.1	1	10	.12	.3	.4	93	.07	.047	4	17	.28	44	.22	<2	1.30	.01	.04	<2	<.2	23	<.3	<.2	13.4
L7+50S 3+00E	20.5	163.0	10.9	33.3	290	9	5	163	3.70	3.0	<5	<.1	1	12	.24	.3	.5	74	.08	.057	5	19	.32	51	.12	<2	1.74	.01	.03	<2	<.2	57	.3	<.2	11.3
L7+50S 3+25E	34.8	159.0	8.5	43.3	623	12	8	257	3.52	2.9	<5	<.1	1	19	.43	.3	.4	81	.14	.042	9	24	.44	95	.13	<2	1.84	.01	.04	<2	.3	49	.4	<.2	9.8
L7+50S 3+50E	25.0	94.9	10.4	38.2	614	10	7	258	4.42	6.3	<5	<.1	<1	33	.72	.4	.4	104	.26	.068	5	27	.35	151	.17	<2	1.36	.01	.03	<2	<.2	66	<.3	<.2	11.2
L7+50S 3+75E	26.4	278.0	7.6	51.7	1123	18	17	524	4.18	10.7	<5	<.1	<1	25	.39	.4	.3	87	.21	.055	17	38	.57	150	.13	<2	2.45	.02	.05	<2	<.2	98	.9	<.2	10.7
L7+50S 4+00E	14.3	74.8	7.2	28.4	429	7	4	198	3.05	4.8	<5	<.1	<1	22	.30	.4	.2	68	.17	.060	5	20	.23	100	.13	<2	1.12	.01	.04	<2	<.2	53	<.3	<.2	8.8
L7+50S 4+25E	16.6	168.3	5.9	38.9	443	12	8	258	3.03	5.9	<5	<.1	<1	22	.27	.3	.4	66	.19	.041	11	27	.48	81	.13	<2	1.72	.02	.03	<2	<.2	45	.4	<.2	7.9
L7+50S 4+50E	11.0	137.0	6.1	58.1	492	14	8	324	4.29	7.6	<5	<.1	<1	20	.21	.3	.3	96	.18	.036	11	34	.52	62	.21	<2	2.29	.01	.04	<2	<.2	63	.6	<.2	10.3
L7+50S 4+75E	7.5	117.8	5.3	41.2	428	13	8	288	4.47	7.3	<5	<.1	1	18	.29	.3	.3	97	.17	.047	8	38	.52	53	.20	<2	2.29	.01	.03	<2	<.2	71	.5	<.2	9.6
L7+50S 5+00E	6.8	103.7	5.2	44.1	226	16	8	299	3.65	7.9	<5	<.1	<1	20	.15	.4	.3	86	.18	.033	7	43	.57	57	.17	<2	2.93	.01	.04	<2	<.2	53	.4	<.2	8.3
L7+50S 9+00E	2.0	47.6	5.3	65.6	151	30	12	356	3.86	10.6	<5	<.1	<1	20	.11	.3	.5	107	.22	.051	4	49	.84	65	.18	<2	2.90	.02	.05	<2	<.2	57	.4	.2	8.4
L7+50S 9+25E	1.9	46.2	4.7	67.3	174	32	12	329	4.07	8.3	<5	<.1	1	18	.16	.3	.3	107	.20	.059	5	56	.82	70	.18	<2	3.15	.02	.04	<2	<.2	73	.5	<.2	8.8
L7+50S 9+50E	1.5	52.4	6.6	91.8	148	42	19	1293	3.90	9.8	<5	<.1	1	29	.14	.3	.3	96	.54	.068	6	54	1.04	64	.16	<2	4.03	.02	.05	<2	<.2	53	.4	<.2	9.7
L7+50S 9+75E	1.1	48.8	5.5	72.6	361	39	18	461	4.04	8.8	<5	<.1	<1	27	.14	.3	.2	104	.48	.057	5	59	1.05	56	.19	<2	3.59	.02	.05	<2	<.2	51	<.3	<.2	9.3
L7+50S 10+00E	1.1	37.4	4.5	57.9	175	36	17	399	4.06	5.7	<5	<.1	<1	23	.13	.3	.2	93	.32	.054	4	52	1.02	69	.20	<2	3.35	.02	.05	<2	<.2	40	<.3	<.2	8.2
L7+50S 10+25E	1.0	29.9	4.6	51.8	169	31	13	420	3.47	6.8	<5	<.1	1	25	.10	.2	.2	88	.32	.054	3	50	.81	65	.17	<2	3.08	.02	.04	<2	<.2	55	<.3	<.2	7.3
L7+50S 10+50E	1.6	57.4	4.6	60.0	109	54	19	846	3.82	6.9	<5	<.1	<1	27	.07	.3	.2	90	.41	.073	3	60	.89	68	.17	<2	2.52	.02	.05	<2	<.2	27	<.3	<.2	8.7
L7+50S 10+75E	1.2	78.8	3.5	58.2	82	77	29	1342	3.75	6.5	<5	<.1	<1	26	.08	.2	.2	81	.38	.079	3	65	.92	80	.14	<2	2.80	.02	.05	<2	<.2	48	<.3	<.2	6.2
L7+50S 11+00E	1.1	71.0	3.8	62.0	97	72	27	1332	3.86	5.0	<5	<.1	<1	26	.09	.2	.1	86	.39	.082	3	69	.99	75	.14	<2	2.76	.02	.05	<2	<.2	46	<.3	<.2	6.9
L7+50S 11+25E	.8	112.9	3.9	66.0	166	79	31	825	3.69	6.0	<5	<.1	1	29	.10	.2	.2	70	.44	.133	3	50	.74	58	.14	<2	3.57	.02	.04	<2	<.2	49	.4	<.2	6.5
L7+50S 11+50E	.8	97.6	2.0	55.1	76	161	52	838	4.71	9.0	<5	<.1	<1	27	.09	.3	<.1	65	.50	.115	1	87	1.21	37	.15	<2	2.82	.02	.04	<2	<.2	20	.4	<.2	4.4
L7+50S 11+75E	1.5	89.8	2.1	39.9	78	172	61	1043	8.46	4.9	<5	<.1	<1	20	.10	.4	<.1	70	.38	.174	<1	89	1.02	40	.17	<2	2.38	.02	.04	<2	.2	34	1.1	<.2	3.8
STANDARD D2/HG-	24.3	123.6	104.3	272.2	1931	31	17	1073	4.24	71.2	23	5.9	17	54	2.03	7.3	20.7	78	.77	.106	18	55	1.18	270	.15	24	2.40	.10	.74	17	2.9	454	.6	2.2	7.6

Standard is STANDARD D2/HG-500. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Date FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L7+50S 12+00E	1.1	77.6	3.3	59.3	96	106	39	817	3.96	8.4	<5	<.1	1	24	.11	.2	.2	77	.42	.095	1	94	.97	77	.16	<2	2.64	.02	.04	<2	<.2	38	.3	<.2	7.4
L7+50S 12+25E	.8	98.8	4.4	66.3	159	104	35	535	4.23	7.7	<5	<.1	1	29	.11	.3	.2	94	.41	.071	3	86	1.32	53	.15	<2	3.37	.01	.05	<2	<.2	33	<.3	<.2	7.4
L7+50S 12+50E	.9	65.1	5.8	62.8	100	68	27	834	4.07	10.7	<5	<.1	<1	29	.10	.4	.1	98	.41	.058	3	79	1.22	71	.15	<2	2.64	.01	.06	<2	<.2	26	<.3	<.2	7.5
L7+50S 12+75E	1.0	67.5	4.3	62.5	175	80	26	515	4.32	10.4	<5	<.1	<1	25	.09	.4	.4	104	.40	.054	2	96	1.29	46	.18	<2	2.60	.02	.05	<2	<.2	25	<.3	<.2	7.3
L7+50S 13+00E	2.6	60.9	5.2	69.2	96	76	28	782	4.52	11.4	<5	<.1	1	26	.12	.4	.3	96	.34	.072	3	79	1.14	47	.17	<2	2.66	.01	.06	<2	<.2	36	.3	<.2	6.8
L7+50S 13+25E	.8	73.1	4.4	58.4	131	55	21	469	3.81	15.4	<5	<.1	1	29	.10	.4	.2	93	.35	.051	3	84	1.16	64	.18	<2	2.80	.01	.05	<2	<.2	20	.3	<.2	7.3
L7+50S 13+50E	.8	53.7	5.8	64.6	98	45	17	809	3.58	6.1	<5	<.1	<1	29	.11	.3	.2	86	.37	.112	3	73	.98	82	.18	<2	2.47	.02	.06	<2	<.2	20	<.3	<.2	9.2
L8+50S 9+00E	2.0	62.7	5.9	58.7	162	32	15	285	3.86	12.1	<5	<.1	2	17	.13	.2	.4	114	.25	.028	4	55	1.02	54	.21	<2	3.87	.02	.04	2	<.2	30	.3	.2	10.8
L8+50S 9+25E	2.1	44.1	6.6	63.8	192	28	13	279	3.81	9.2	<5	<.1	1	25	.14	.3	.4	104	.45	.041	5	49	.77	80	.18	<2	3.28	.02	.05	<2	<.2	34	.3	<.2	11.3
L8+50S 9+50E	1.8	41.7	6.5	58.4	201	24	11	295	4.01	9.0	<5	<.1	1	20	.18	.4	.5	103	.23	.064	4	49	.76	65	.17	<2	2.80	.02	.04	<2	<.2	85	.3	<.2	9.6
L8+50S 9+75E	1.2	35.6	5.0	47.9	135	17	8	228	3.46	5.2	<5	<.1	1	16	.09	.2	.5	97	.22	.045	4	34	.56	47	.17	<2	2.94	.02	.03	<2	<.2	61	.3	<.2	10.1
L8+50S 10+00E	1.3	42.8	6.6	71.2	96	33	16	435	4.07	8.0	<5	<.1	1	24	.13	.3	.3	99	.26	.049	4	53	1.02	74	.18	<2	3.43	.02	.05	<2	<.2	59	.3	<.2	9.1
L8+50S 10+25E	1.4	40.3	7.2	76.3	219	34	16	758	4.00	8.3	<5	<.1	1	24	.15	.4	.3	99	.25	.078	4	55	.95	94	.14	<2	3.06	.01	.05	<2	<.2	55	<.3	<.2	9.0
RE L8+50S 10+25E	1.2	38.1	6.0	71.8	185	33	15	709	3.78	9.2	<5	<.1	1	24	.13	.3	.2	95	.25	.073	4	52	.90	88	.14	<2	2.90	.01	.05	<2	<.2	53	<.3	<.2	8.3
L8+50S 10+50E	1.0	48.2	6.3	85.7	167	38	20	771	4.44	7.9	<5	<.1	1	26	.15	.4	.2	107	.29	.070	4	62	1.17	92	.17	<2	3.36	.01	.06	<2	<.2	40	.3	<.2	8.8
L8+50S 10+75E	1.1	48.5	6.5	81.2	98	37	19	708	4.20	7.2	<5	<.1	1	28	.12	.3	.2	101	.35	.088	4	58	1.11	88	.17	<2	2.96	.01	.08	<2	<.2	28	.3	<.2	8.4
L8+50S 11+00E	1.1	55.4	5.0	74.0	118	55	22	1474	3.57	7.4	<5	<.1	<1	28	.12	.3	.3	89	.45	.101	4	70	1.04	76	.15	<2	2.92	.02	.06	<2	<.2	42	<.3	<.2	7.5
L8+50S 11+25E	.8	83.2	5.1	76.2	71	87	38	2067	3.46	7.0	<5	<.1	<1	54	.13	.3	.4	81	.81	.115	2	65	1.00	77	.10	<2	3.94	.03	.06	<2	<.2	30	.3	<.2	8.7
L8+50S 11+50E	.8	73.8	5.6	68.3	141	60	24	2905	3.49	5.5	<5	<.1	<1	49	.19	.4	.4	82	.88	.115	2	69	1.21	82	.11	<2	3.49	.03	.07	<2	<.2	45	.4	<.2	8.4
L8+50S 11+75E	1.0	65.4	5.5	70.1	84	64	23	1207	3.39	5.2	<5	<.1	<1	37	.14	.3	.3	83	.67	.089	2	66	.99	74	.15	2	3.00	.02	.06	<2	<.2	20	<.3	<.2	7.7
L8+50S 12+00E	2.3	77.9	4.9	57.0	114	108	44	1412	5.47	7.3	<5	<.1	<1	29	.16	.4	.2	86	.48	.101	1	87	1.05	60	.19	<2	2.84	.03	.04	<2	<.2	43	.6	<.2	7.0
L8+50S 12+25E	1.3	96.9	5.2	53.5	80	92	37	3373	3.89	4.8	<5	<.1	<1	46	.27	.2	.2	82	.67	.107	4	72	1.03	100	.13	<2	3.38	.03	.05	<2	<.2	38	.6	<.2	6.6
L8+50S 12+50E	1.1	52.4	4.9	55.9	108	56	20	875	3.90	5.8	<5	<.1	<1	27	.12	.3	.2	92	.40	.066	3	62	.90	65	.17	<2	2.25	.02	.05	<2	<.2	22	<.3	<.2	7.6
L8+50S 12+75E	1.2	53.3	5.9	64.6	113	56	21	1036	3.80	9.6	<5	<.1	<1	23	.10	.4	.3	91	.30	.056	3	65	.99	78	.16	<2	2.45	.01	.05	<2	<.2	29	<.3	<.2	7.6
L8+50S 13+00E	.9	49.5	4.4	81.5	242	42	18	1335	3.66	7.3	<5	<.1	<1	24	.12	.4	.3	80	.35	.068	2	84	.92	73	.15	<2	2.04	.02	.05	<2	<.2	28	<.3	<.2	7.0
L8+50S 13+25E	1.3	92.8	6.0	81.5	121	64	29	1171	4.26	14.0	<5	<.1	<1	31	.17	.4	.5	91	.42	.119	3	81	1.04	64	.13	<2	2.65	.01	.05	<2	<.2	38	.6	<.2	7.5
L8+50S 13+50E	.6	29.5	3.9	47.1	131	27	10	285	2.98	5.9	<5	<.1	<1	28	.08	.2	.3	73	.47	.064	2	68	.68	55	.15	2	1.34	.02	.06	<2	<.2	25	<.3	<.2	6.3
L9+00S 9+00E	4.2	172.8	5.6	62.1	155	48	25	522	4.64	21.6	<5	<.1	<1	49	.12	.4	.4	128	.65	.056	5	68	1.31	97	.21	<2	4.52	.03	.12	<2	<.2	50	.4	<.2	12.6
L9+00S 9+25E	2.6	52.6	6.9	67.2	140	39	15	309	4.02	8.7	<5	<.1	1	21	.12	.3	.4	119	.38	.034	4	53	.88	48	.21	<2	3.48	.02	.05	<2	<.2	58	<.3	<.2	11.7
L9+00S 9+50E	2.4	54.4	5.2	65.8	107	27	13	309	3.98	7.9	<5	<.1	1	18	.09	.2	.3	102	.21	.036	4	46	1.07	63	.18	<2	3.76	.02	.06	<2	<.2	55	.3	<.2	11.3
L9+00S 9+75E	1.7	36.4	5.8	59.6	117	22	11	370	3.48	7.1	<5	<.1	<1	18	.09	.3	.3	92	.23	.067	4	40	.72	56	.18	<2	2.95	.02	.05	<2	<.2	56	.3	<.2	9.7
L9+00S 10+00E	1.5	58.7	5.5	73.2	156	34	17	553	3.87	9.7	<5	<.1	<1	23	.13	.4	.5	102	.26	.053	5	53	.99	69	.19	<2	3.63	.02	.05	<2	<.2	54	.3	<.2	9.6
L9+00S 10+25E	1.3	71.1	5.4	72.7	135	38	18	503	3.87	9.3	<5	<.1	<1	27	.11	.4	.3	99	.32	.088	5	55	1.14	74	.18	<2	4.10	.02	.06	<2	<.2	53	.5	<.2	9.2
L9+00S 10+50E	1.5	58.9	6.5	76.7	115	34	17	821	3.87	7.8	<5	<.1	<1	23	.12	.3	.4	101	.26	.089	5	53	1.00	71	.17	<2	3.68	.02	.06	<2	<.2	53	.4	<.2	9.2
L9+00S 10+75E	1.6	63.6	5.9	72.1	142	46	20	751	3.98	11.4	<5	<.1	<1	32	.10	.4	.5	107	.43	.054	4	66	1.07	79	.16	<2	3.42	.02	.05	<2	<.2	48	.4	<.2	9.4
STANDARD D2/HG-500	24.3	125.8	103.1	277.9	1942	31	17	1081	4.35	71.7	21	5.2	18	56	2.06	7.3	22.2	81	.77	.107	18	58	1.22	276	.16	26	2.40	.10	.76	17	2.7	440	.6	2.0	8.1

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

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
L9+00S 11+00E	1.2	56.4	6.1	88.4	103	55	23	1105	4.00	12.9	<5	<.1	<1	30	.14	.3	1.0	102	.41	.069	4	63	1.07	93	.14	<2	3.20	.02	.07	<2	.2	38	.3	.2	9.6
L9+00S 11+25E	1.2	60.2	6.1	86.1	197	70	26	1215	3.97	34.2	<5	<.1	<1	42	.24	.4	.6	108	.77	.089	5	83	1.22	68	.12	<2	3.33	.02	.09	<2	<.2	29	.3	<.2	9.5
L9+00S 11+50E	1.1	57.3	5.8	81.2	175	65	24	1128	3.76	25.4	<5	<.1	<1	42	.22	.3	.5	103	.76	.085	5	80	1.17	61	.12	<2	3.18	.02	.09	<2	<.2	29	.3	<.2	9.2
L9+00S 12+25E	.7	16.0	5.3	40.8	91	17	7	243	2.81	3.2	<5	<.1	<1	16	.09	<.2	.3	70	.27	.070	1	35	.37	39	.16	3	1.24	.02	.02	<2	<.2	30	<.3	<.2	10.2
L9+00S 12+50E	.8	33.5	4.1	41.0	68	40	13	298	3.42	3.3	<5	<.1	<1	16	.08	<.2	.2	77	.28	.083	1	51	.62	36	.16	<2	1.61	.02	.03	<2	<.2	30	<.3	<.2	8.5
L9+00S 12+75E	1.8	61.1	4.3	61.3	138	58	24	1314	4.02	5.9	<5	<.1	<1	25	.16	.3	.2	86	.42	.109	3	60	.82	68	.13	<2	2.51	.02	.04	<2	<.2	36	.5	<.2	8.0
L9+00S 13+00E	1.9	58.2	4.9	57.0	106	39	16	518	3.79	8.2	<5	<.1	1	20	.15	.3	.3	88	.26	.099	3	51	.80	91	.15	<2	2.27	.02	.04	<2	<.2	55	.3	<.2	8.6
L9+00S 13+25E	1.8	48.1	5.9	58.8	171	39	13	338	4.08	8.3	<5	<.1	<1	21	.25	.3	.2	93	.29	.082	2	59	.82	48	.15	<2	2.13	.02	.04	<2	<.2	50	.3	<.2	9.5
L9+00S 13+50E	1.1	31.6	3.5	44.1	147	33	11	280	3.80	5.0	<5	<.1	<1	19	.10	.2	.2	89	.29	.078	1	74	.80	38	.16	<2	1.63	.02	.03	<2	<.2	38	<.3	<.2	8.1
L13+00S 21+25E	1.2	48.6	4.7	66.2	518	38	16	535	4.18	9.2	<5	<.1	<1	26	.09	.5	.1	100	.28	.100	6	69	1.13	71	.09	<2	2.55	.01	.07	<2	<.2	45	<.3	<.2	8.3
P-1-01	4.2	163.1	10.1	94.1	105	32	20	650	4.39	13.3	<5	<.1	<1	68	.21	.4	.5	119	.89	.093	7	54	1.15	98	.17	<2	3.22	.02	.13	<2	<.2	16	.7	<.2	10.4
P-1-02	4.5	150.8	14.8	111.6	162	32	21	615	4.23	11.5	<5	<.1	<1	67	.24	.4	.6	110	.85	.084	6	45	.97	98	.16	<2	3.40	.02	.09	2	.2	25	.6	.2	9.7
P-1-03	4.2	143.6	13.5	107.4	278	34	21	551	3.93	11.1	<5	<.1	<1	55	.25	.3	.6	105	.66	.082	6	47	.98	93	.15	2	3.23	.02	.11	<2	<.2	29	.6	<.2	10.2
P-1-04	5.0	218.8	9.9	62.0	37	27	24	627	4.17	12.2	<5	<.1	<1	102	.09	.5	.5	104	1.20	.103	8	34	.84	107	.13	<2	3.33	.02	.13	<2	.2	11	.4	.2	9.7
P-1-05	4.5	190.5	8.7	78.2	94	33	23	643	4.34	16.3	<5	<.1	<1	85	.16	.5	.4	117	1.06	.097	8	53	1.10	96	.17	<2	3.37	.03	.14	<2	<.2	19	.5	.2	9.9
P-1-06	4.2	183.0	8.1	80.0	74	36	22	565	4.34	16.2	<5	<.1	1	86	.16	.4	.4	117	1.10	.090	7	57	1.15	94	.18	6	3.57	.03	.13	<2	<.2	19	.7	<.2	9.9
P-1-07	4.2	163.5	8.1	80.2	100	33	23	630	4.00	14.2	<5	<.1	1	79	.18	.3	.4	109	1.03	.092	7	54	1.09	84	.17	2	3.29	.02	.14	<2	<.2	21	.6	<.2	9.7
P-1-08	4.4	167.1	9.6	86.4	144	35	22	625	4.12	14.9	<5	<.1	<1	80	.21	.5	.5	110	1.04	.089	7	54	1.10	97	.17	<2	3.46	.02	.12	<2	<.2	12	.8	.2	10.6
P-2-01	5.8	257.7	10.8	89.9	100	50	35	668	4.77	30.3	<5	<.1	<1	102	.17	.6	.5	122	1.22	.084	7	64	1.18	82	.17	5	3.86	.03	.17	<2	.2	14	.9	.3	11.4
P-2-02	6.0	266.2	15.5	96.6	128	54	38	686	4.71	38.5	<5	<.1	<1	118	.18	1.0	.8	116	1.31	.072	6	64	1.14	77	.17	<2	4.16	.03	.18	<2	.2	10	.7	.3	12.0
P-2-03	6.4	252.1	16.2	82.6	105	51	37	662	4.50	41.0	<5	<.1	<1	126	.15	1.0	.7	110	1.42	.068	5	57	1.02	67	.14	<2	3.86	.02	.18	<2	.2	10	.7	.3	10.6
P-2-04	6.1	257.0	10.0	89.3	93	49	34	678	4.72	16.5	<5	<.1	<1	97	.15	.7	.4	122	1.12	.082	7	66	1.22	93	.19	<2	3.92	.03	.19	<2	.2	20	.8	.2	11.4
RE P-2-04	5.2	249.6	9.3	85.9	118	48	33	663	4.59	20.2	<5	<.1	<1	95	.16	.8	.6	118	1.09	.081	7	63	1.18	90	.18	<2	3.80	.03	.18	<2	.2	13	.7	.3	10.2
P-2-05	5.4	244.2	10.1	91.9	126	48	33	652	4.67	21.2	<5	<.1	1	92	.18	.7	.7	119	1.05	.084	7	59	1.16	87	.18	<2	3.71	.03	.17	<2	.2	20	.9	.4	10.9
P-2-06	5.4	269.1	11.0	91.3	123	49	36	700	4.87	24.1	<5	<.1	<1	101	.16	.7	.6	120	1.14	.084	7	61	1.19	90	.17	<2	3.91	.02	.19	<2	.2	12	.9	.4	10.8
P-2-07	5.5	263.7	10.9	88.1	68	47	36	697	4.84	31.5	<5	<.1	<1	104	.16	.6	.5	119	1.24	.085	7	59	1.15	81	.17	<2	3.82	.03	.20	<2	.2	15	.8	.3	11.0
P-2-08	4.8	261.5	8.7	95.5	111	52	32	663	4.57	25.8	<5	<.1	<1	95	.15	.6	.4	119	1.11	.082	7	61	1.17	85	.18	5	3.80	.03	.18	<2	<.2	13	.8	.3	10.4
P-3-01	1.9	118.5	7.6	67.2	171	44	26	691	4.76	19.5	<5	<.1	<1	55	.09	.5	.5	119	.62	.095	8	80	1.54	75	.15	3	2.92	.02	.19	<2	.2	21	.4	.2	8.4
P-3-02	1.9	116.4	6.4	71.2	89	49	29	1186	4.81	48.7	<5	<.1	1	62	.10	.6	.3	118	.72	.089	12	79	1.63	92	.14	6	3.09	.02	.16	<2	<.2	26	.3	<.2	8.8
P-3-03	3.4	150.3	5.8	66.5	113	37	31	737	5.20	39.5	<5	<.1	<1	73	.11	.5	.3	107	.92	.106	7	60	1.20	70	.14	4	2.98	.02	.14	<2	<.2	25	.5	.2	8.7
P-3-04	3.7	182.2	6.3	71.1	133	40	38	876	5.63	49.7	<5	<.1	1	88	.10	.7	.5	120	1.09	.105	9	61	1.40	81	.14	3	3.47	.02	.15	<2	.2	20	.6	.3	10.2
P-3-05	4.0	192.9	6.0	70.9	123	38	39	892	5.86	47.3	<5	<.1	<1	90	.09	.8	.4	124	1.12	.100	10	57	1.41	82	.15	<2	3.57	.01	.15	<2	.2	22	.7	.3	10.5
P-3-06	3.5	187.6	6.3	74.7	143	41	40	987	5.85	46.8	<5	<.1	1	89	.11	.7	.5	128	1.11	.105	11	64	1.52	90	.15	<2	3.59	.01	.17	<2	<.2	27	.7	.3	10.0
P-3-07	10.3	302.5	14.4	165.7	148	52	46	2262	6.04	270.8	<5	<.1	1	80	.71	.9	9.4	138	1.34	.104	10	32	1.25	83	.11	<2	2.89	.02	.16	<2	.8	38	.6	2.4	9.6
P-4-01	60.8	519.2	4.6	64.3	223	26	14	557	3.92	5.1	<5	<.1	1	24	.28	.6	1.3	95	.21	.063	7	50	.96	84	.12	2	3.01	.01	.06	<2	.4	45	<.3	.3	11.0
STANDARD D2/HG	24.6	124.3	99.2	276.0	1888	31	17	1052	4.26	80.5	21	5.1	18	57	2.10	7.1	23.3	78	.74	.107	18	55	1.18	271	.15	25	2.58	.10	.74	15	2.6	439	.7	1.9	7.4

Standard is STANDARD D2/HG-500. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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 ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm
P-4-2	68.1	791.6	9.0	68.1	431	27	16	595	4.66	5.4	9	.1	1	27	.33	.4	<.1	99	.25	.066	10	46	.98	75	.10	4	3.16	.01	.06	<2	.2	80	.6	.5	9.4
P-4-3	45.8	576.9	8.5	70.0	518	24	14	644	4.43	4.5	<5	<.1	<1	20	.28	.5	.1	90	.19	.077	9	42	.85	59	.09	2	3.56	.01	.05	<2	<.2	105	.6	.4	8.4
P-4-4	59.4	566.6	8.2	61.7	366	26	16	632	4.29	5.3	<5	<.1	1	23	.24	.4	.7	93	.25	.082	9	44	.95	62	.10	<2	3.18	.01	.06	<2	.2	65	.4	.3	7.8
P-4-5	60.4	837.6	8.7	60.3	349	29	18	692	4.19	6.4	<5	<.1	<1	28	.28	.4	.1	90	.32	.074	11	49	1.14	77	.11	<2	2.99	.01	.08	<2	.2	57	.5	.4	7.0
P-5-01	51.8	599.4	8.9	70.6	913	20	13	634	4.39	3.4	<5	<.1	<1	19	.45	.3	.3	86	.18	.072	9	38	.71	73	.08	<2	3.19	.01	.04	<2	<.2	108	.4	.4	9.6
P-5-02	73.2	937.6	7.9	63.4	449	30	18	681	4.41	12.4	<5	<.1	2	23	.25	.4	<.1	90	.29	.091	10	44	1.06	66	.10	4	3.19	.01	.07	<2	.4	49	.8	.5	7.2
P-6-01	76.0	2810.0	4.6	70.5	153	40	18	652	4.48	9.9	<5	<.1	1	30	.45	1.2	<.1	105	.38	.035	13	66	1.37	62	.20	<2	2.77	.01	.08	<2	.4	38	.5	.9	6.3
P-6-02	191.7	1871.5	6.3	69.4	410	12	17	519	3.81	23.0	<30	<.6	<6	13	.09	1.7	1.0	127	.26	.067	11	21	1.22	72	.19	<12	1.87	<.06	.29	<12	1.6	27	<1.8	<1.2	9.2
P-6-03	169.6	2282.8	5.0	85.4	269	13	13	366	4.29	11.1	<25	<.5	<5	15	.12	1.6	<.5	117	.37	.125	14	21	1.18	61	.12	<10	1.98	<.05	.20	<10	<1	34	<1.5	<1	5.3
P-7-01	20.7	200.7	9.9	88.7	134	8	11	331	3.75	1.3	<5	<.1	<1	48	.37	<.2	.6	68	.81	.129	23	13	1.16	190	.04	<2	2.20	.01	.29	<2	.3	28	.4	.2	8.4
P-7-02	48.4	277.0	7.1	118.2	460	10	13	392	6.28	1.9	<5	<.1	1	81	.38	.2	3.0	124	1.02	.201	28	17	1.20	228	.13	<2	2.12	.01	.38	3	.3	37	1.8	.3	9.4
P-7-03	61.6	230.6	9.2	124.2	676	9	12	395	7.11	2.0	<5	<.1	1	30	.30	<.2	3.7	128	.73	.259	25	12	1.25	236	.17	<2	1.74	.01	.33	<2	.4	31	1.8	.5	9.7
P-7-04	36.5	236.1	8.9	134.3	491	12	16	524	6.33	1.8	<5	<.1	1	53	.36	.2	3.4	152	.97	.245	26	22	1.57	226	.20	2	2.44	.01	.39	3	.4	45	1.4	.4	11.2
RE P-7-04	35.0	232.5	8.7	133.2	430	12	16	511	6.18	1.7	<5	<.1	1	52	.35	<.2	3.6	149	.94	.233	26	21	1.56	224	.20	3	2.42	.01	.39	6	.2	41	1.4	.3	11.2
P-7-05	41.8	580.1	10.6	133.5	846	17	17	500	6.07	2.6	<5	<.1	1	52	.79	.2	4.8	115	.87	.186	33	30	1.20	147	.12	<2	2.30	.01	.37	5	.5	52	1.3	.6	9.6
P-8-01	9.8	143.1	5.5	58.3	326	24	14	273	3.70	4.2	<5	<.1	1	27	.18	.2	.1	96	.28	.087	6	38	.72	85	.10	2	2.59	.01	.08	2	<.2	50	.5	<.2	6.4
P-8-02	11.8	274.2	5.3	53.5	124	25	17	428	3.92	5.4	<5	<.1	<1	30	.12	.3	1.3	106	.39	.102	8	45	.93	100	.12	<2	2.45	.02	.18	<2	.2	62	.4	.2	6.4
P-8-03	10.5	245.5	5.5	50.4	138	28	17	434	4.47	5.7	<5	<.1	2	38	.10	.3	1.3	120	.45	.111	10	53	.95	101	.13	<2	2.65	.02	.15	2	<.2	57	.6	.2	6.3
P-8-04	6.8	199.0	4.7	62.7	83	31	16	532	4.41	3.9	<5	<.1	1	73	.09	.3	.1	124	.71	.103	13	65	1.27	101	.20	<2	2.65	.03	.18	2	.2	66	<.3	<.2	6.6
P-8-05	6.8	165.0	5.1	57.5	79	27	16	524	3.87	2.8	<5	<.1	2	69	.14	.2	.1	107	.73	.106	10	52	.98	84	.14	3	2.01	.04	.16	2	<.2	51	<.3	<.2	5.2
STANDARD	25.5	121.1	105.9	253.5	1871	31	17	1071	4.67	74.0	20	4.1	20	61	2.12	9.9	18.7	73	.72	.106	20	57	1.19	231	.12	23	2.44	.05	.65	17	2.1	458	.5	1.8	5.4

Standard is STANDARD D2/HG-500. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 4 FA ____

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

GEOCHEM PRECIOUS METALS ANALYSIS

NuFort Resources Inc. File # 96-5353R Page 1
122 Beachwood Ave, North York ON M2L 1J7

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
L8S 11+00E	4	<1	<1
L8S 11+25E	3	1	<1
L8S 11+50E	5	<1	<1
L8S 11+75E	<1	<1	<1
L8S 12+00E	4	1	<1
L8S 12+25E	<1	1	<1
L8S 12+50E	2	<1	<1
RE L8S 12+75E	12	<1	<1
L8S 12+75E	3	1	<1
L8S 13+00E	4	2	<1
L8S 13+25E	4	1	<1
L10S 13+25E	3	<1	1
L10S 13+50E	<1	<1	<1
L10S 13+75E	6	1	<1
L10S 14+00E	<1	1	<1
L12S 15+00E	<1	1	2
L12S 15+25E	<1	<1	6
L12S 15+50E	<1	<1	5
L12S 15+75E	<1	<1	<1
L16S 12+00E	<1	<1	<1
L16S 12+25E	1	1	1
L16S 12+50E	15	<1	<1
L16S 13+25E	<1	<1	<1
L16S 13+50E	1	<1	<1
L16S 13+75E	<1	<1	<1
L16S 14+00E	<1	2	<1
L16S 14+25E	<1	<1	<1
L16S 14+50E	<1	1	<1
L16S 20+75E	<1	1	<1
L18S 14+50E	1	<1	<1
L18S 14+75E	1	1	1
L18S 22+00E	<1	<1	<1
L18S 22+25E	<1	<1	<1
L18S 22+50E	3	<1	<1
L18S 22+75E	3	2	1
STANDARD FA100	48	46	46

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ULTRA/ICP.
- SAMPLE TYPE: SOIL PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 29 1997 DATE REPORT MAILED: Aug 6/97 SIGNED BY..........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
L18S 23+00E	86	<1	2
L18S 23+25E	5	<1	3
L18S 23+50E	4	<1	2
L18S 24+75E	18	<1	<1
L18S 25+00E	3	<1	1
L18S 27+50E	13	<1	3
L18S 27+75E	3	<1	3
L18S 28+00E	9	<1	2
L20S 23+25E	2	<1	2
L20S 23+50E	11	<1	<1
L20S 23+75E	1	<1	3
L20S 24+00E	9	5	8
L20S 24+25E	45	<1	<1
L20S 24+50E	3	<1	<1
L20S 27+00E	7	1	2
L20S 27+25E	13	4	5
L20S 27+50E	8	<1	2
L22S 22+50E	2	2	3
L22S 22+75E	2	<1	1
L22S 23+00E	2	<1	2
RE L22S 22+50E	<1	1	2
L22S 24+00E	<1	<1	1
L22S 24+25E	<1	<1	<1
L22S 24+50E	1	1	3
L22S 24+75E	3	<1	2
L22S 25+00E	4	<1	2
L22S 25+25E	3	1	2
L22S 25+50E	1	1	3
L22S 25+75E	2	<1	2
L22S 26+00E	<1	<1	2
L22S 26+25E	2	<1	2
L22S 26+50E	1	1	2
L22S 26+75E	4	<1	<1
STANDARD FA100	51	52	51

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

Data FA

SAMPLE#	Au** ppb	Pt** ppb	Pd** ppb
L22S 27+00E	<1	<1	<1
L22S 27+25E	4	<1	2
L22S 27+50E	7	<1	1
L22S 27+75E	4	3	3
L22S 28+00E	3	1	1
L24S 25+75E	1	<1	1
L24S 26+00E	35	<1	<1
L24S 26+25E	<1	<1	1
L26S 23+25E	1	<1	<1
L26S 23+50E	<1	<1	<1
L26S 23+75E	<1	1	<1
L26S 24+00E	4	1	1
L26S 24+25E	23	2	2
L26S 24+50E	2	2	1
L30S 21+00E	<1	<1	1
L30S 21+25E	2	<1	3
RE L26S 24+25E	3	1	1
L30S 21+50E	<1	<1	1
L30S 21+75E	3	4	7
L30S 23+25E	7	2	4
L30S 23+50E	1	2	3
L30S 23+75E	9	3	6
L32S 21+25E	1	<1	2
L32S 21+50E	2	1	3
STANDARD FA100	49	46	49

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

Data FA

APPENDIX 2

CERTIFICATE OF ANALYSIS

For

Rock Samples

ACME AN TICAL LABORATORIES LTD. 852 E. HASTINGS ST. V COUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604 53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

JUL 28 1997

Discovery Consultants File # 97-3482 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: David Wu

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
580-R-01	95	706	<3	43	.6	6	5	112	1.35	14	<8	<2	<2	30	.5	<3	<3	36	1.16	.094	13	9	.26	135	<.01	4	.34	.04	.05	2	4
580-R-02	232	400	12	53	.8	44	11	180	3.01	<2	<8	<2	<2	98	.4	<3	10	93	1.76	.149	7	97	.52	46	.20	<3	1.92	.26	.18	4	2
580-R-03	3	41	<3	49	<.3	42	30	854	4.43	<2	<8	<2	<2	37	.6	3	5	81	1.40	.181	4	71	3.23	90	.13	<3	2.49	.01	.23	<2	<1
580-R-04	25	225	7	36	.6	5	5	154	3.05	2	<8	<2	<2	148	.3	<3	<3	92	2.99	.146	6	9	.45	14	.10	<3	3.24	.09	.10	<2	1
580-R-05	1	7	<3	28	<.3	8	8	131	2.07	<2	<8	<2	2	30	<.2	<3	<3	69	.26	.060	7	13	.69	251	.20	<3	.77	.08	.42	4	<1
580-R-06	2	54	<3	38	<.3	5	7	167	1.83	2	<8	<2	<2	29	<.2	<3	<3	56	.31	.076	9	12	.66	270	.13	<3	.80	.07	.44	3	<1
580-R-07	2	95	<3	18	<.3	13	17	130	3.10	4	<8	<2	<2	74	<.2	<3	<3	52	1.28	.144	4	16	.64	54	.16	<3	1.66	.20	.25	2	1
580-R-08	26	198	3	47	<.3	7	10	315	3.78	<2	<8	<2	<2	226	.2	<3	<3	87	.98	.044	3	16	.87	133	.19	<3	2.26	.29	.58	2	<1
580-R-09	1	253	6	54	.3	24	27	320	6.84	<2	<8	<2	<2	53	<.2	<3	<3	145	1.10	.200	4	15	.98	22	.24	<3	1.93	.27	.50	3	5
580-R-10	4	165	<3	51	<.3	22	20	409	4.46	<2	<8	<2	<2	82	.2	<3	<3	152	1.56	.139	5	34	1.19	109	.25	<3	2.70	.38	.70	<2	3
580-R-11	2	144	<3	31	<.3	14	12	275	3.73	<2	<8	<2	<2	35	<.2	<3	<3	95	1.00	.159	5	19	1.05	54	.21	<3	1.57	.10	.22	<2	1
580-R-12	15	290	5	41	<.3	12	10	278	3.50	2	<8	<2	<2	204	.2	<3	<3	149	2.69	.179	10	17	.69	22	.21	<3	3.29	.52	.15	<2	1
RE 580-R-12	14	287	<3	40	<.3	15	10	278	3.45	2	<8	<2	<2	203	<.2	<3	<3	148	2.68	.175	10	17	.68	32	.22	3	3.30	.52	.15	2	1
580-R-13	1	37	17	43	<.3	6	5	189	1.63	<2	<8	<2	<2	17	.4	<3	<3	43	.20	.087	7	9	.36	94	.06	<3	.76	.05	.19	3	<1
580-R-14	<1	97	<3	40	<.3	37	13	281	2.08	<2	<8	<2	<2	56	<.2	<3	4	99	.94	.080	4	75	1.33	98	.18	<3	1.41	.13	.40	<2	<1
580-R-15	11	208	<3	20	<.3	7	8	187	2.63	2	<8	<2	<2	41	<.2	<3	<3	94	.94	.179	6	11	.54	28	.12	<3	.84	.11	.10	<2	<1
580-R-16	<1	15	<3	23	<.3	5	6	138	.86	<2	<8	<2	<2	86	<.2	<3	<3	34	.60	.047	2	12	.36	53	.05	<3	1.25	.03	.15	<2	<1
580-R-17	<1	51	4	49	<.3	62	27	660	4.29	16	<8	<2	<2	114	.7	<3	<3	105	1.98	.165	4	106	1.92	56	.31	3	2.14	.33	.30	2	<1
STANDARD C3/AU-R	26	66	35	164	5.6	35	12	755	3.71	53	24	2	18	30	23.3	17	26	81	.57	.089	18	167	.64	149	.09	19	1.93	.04	.16	19	455

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: P1 ROCK P2 TO P11 SOIL AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 9 1997 DATE REPORT MAILED: July 21/97 SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME AN TICAL LABORATORIES LTD. 852 E. HASTINGS ST. V COUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants File # 97-3601 Page 1

AUG 01 1997

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
580-R-18	8	120	11	29	<.3	4	4	253	5.97	27	<8	<2	<2	96	<.2	<3	<3	152	.83	.173	4	10	.84	145	.39	<3	1.77	.06	.35	<2	5
580-R-19	122	1724	5	26	.8	3	4	60	1.14	3	<8	<2	<2	22	<.2	<3	<3	20	.23	.023	6	8	.21	299	.02	4	.48	.05	.16	3	9
RE 580-R-19	123	1721	6	26	.9	3	4	60	1.14	4	<8	<2	<2	22	<.2	<3	<3	20	.23	.023	7	7	.20	302	.02	4	.48	.05	.16	3	7

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 15 1997 DATE REPORT MAILED: July 29/97 SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data d FA ___

APPENDIX 3

Sample Descriptions

For

Rock Samples and Chip Samples

Rock Descriptions

Project 580 D.Duba
Camsell July, 1997

580-R-01 L31+85S/21+90E
Float; Limonitic weathering surface, medium grained, pinkish grey granite/granodiorite, trace to 0.1% coarse pyrite cubes.

580-R-02 L32+80S/21+20E
On the large creek; extremely rusty, limonitic/hematitc mafic meta-volcanic, dark to medium green, silicified, brecciated, foliated, cross-cutting narrow milky quartz veinlets, to 3% pyrite, trace chalcopyrite?

580-R-03 L29+00S/20+80E
Foliated, dark green meta-volcanic, andesite/basalt?, rusty brown weathering surface.

580-R-04 L28+40S/20+85E
2m chip sample; foliated, rusty brown weathered mafic volcanic, strongly fractured, irregular network of hairline to 2-3 mm wide veinlets, white, clay-rich.

580-R-05 L23+90S/15+75E
On the old road; light grey to white, medium grained, biotite-phyric granodiorite, to 18% biotite.

580-R-06 L26+10S/16+65E
On the large creek; similar to above R-05, white to light grey , medium grained feldspar phyric granodiorite, to 18% biotite.

580-R-07 L30+35S/20+00E
Float; strongly oxidized weathering surface, bleached, silicified, medium to light grey-green mafic volcanic, 1-2% pyrite as disseminations and slivers along foliation planes, weakly magnetic.

580-R-08 L31+35S/19+90E
On old road; rusty weathered, dark green, foliated, mafic volcanic, fractured, rare rusty to milky, hairline to 10 mm wide quartz veins, pyrite, to 3-4%, commonly associated with quartz veining, trace chalcopyrite?

580-R-09 L30+15S/22+45E
Float; dark green, extremely rusty on weathering surface mafic meta-volcanic, to 1-2% pyrite, commonly on fracture and/or foliation surfaces, trace chalcopyrite?

580-R-10 L29+50S/22+25E

2 m chip sample; rusty weathering surface, foliated, partly bleached, silicified mafic volcanic, to 1-3% pyrite as disseminations, blebs and fracture fillings, trace chalcopyrite on fractures.

580-R-11 L31+00S/20+95E

On the large creek; rusty weathered, medium green andesite, to 2-3% pyrite blebs and disseminations, trace chalcopyrite?

580-R-12 L31+80S/21+00E

On the creek; 3 m chip sample - rusty brown weathered, medium to dark green mafic volcanic, cut by argillized hairline to 2 mm white veinlets, rusty specks after pyrite.

580-R-13 L20+10S/12+40E

Rusty weathered, buff, feldspar and biotite-phyric felsic volcanic? (Tertiary), rare slightly rusty, narrow milky quartz veinlets and stringers, to 2 cm wide.

580-R-14 L18+40S/14+55E

Old trench in Summit zone; 3 m chip sample - dark green gabbro/amphibolite?, weakly magnetic.

580-R-15 L18+45S/14+55E

Old trench - contact with the Tulameen complex ultramafics (580-R-14); 1.5 m chip sample - rusty weathered, Nicola group mafic meta-volcanics.

580-R-16 L23+90S/22+95E

Bleached to pale grey-buff and green, brecciated, mafic volcanic, rusty brown weathering surface.

580-R-17 L12+90S/17+93E

Dark green mafic meta-volcanic.

580-R-18 30+00S/24+00E

Rusty, limonitic, brecciated mafic volcanics.

580-R-19 L4+50S/1+35E

Rusty brown, Fe-oxide stained feldspar-physic felsic intrusive?/volcanic malachite staining.

Channel samples from trenches
Independence Property
August, 1997

Trench	Sample	Location (Metres within trench)	Description
Trench 1	580-T1-01	23-24	Blk ,v.f.g metased rock. Well foliated. Thin white quartz stringers define foliation. Trace wispy py.
	580-T1-02	22-23	Blk, v.f.g. metased. Abundant thin qtz veins
	580-T1-03	21-22	Blocky, blk metased. Minor Fe-oxide alteration.
	580-T1-04	20-21	0.75m blk metased, 0.25m thin rhyolitic (aplitic) dykes.
	580-T1-05	19-20	Grey-pinkish rhyolitic (aplitic) dyke. May have amorphous sulphides, producing the greyish tinge.
	580-T1-06	18-19	Grey-pinkish rhyolitic (aplitic) dyke. May have amorphous sulphides, producing the greyish tinge.
	580-T1-07	17-18	Grey-pinkish rhyolitic (aplitic) dyke. May have amorphous sulphides, producing the greyish tinge.
	580-T1-08	16-17	0.5m rhyolitic dyke and 0.5m blk metased.
	580-T1-09	15-16	Blk metased with thin qtz veins.
	580-T1-10	14-15	Andesitic dyke with calcite stringers, trc po. Metased with qtz veins.
	580-T1-11	13-14	Blk metased, Fe-oxide alteration.
	580-T1-12	12-13	Blk metased, Fe-oxide alteration.
	580-T1-13	11-12	Blk metased, Fe-oxide alteration. Thin rhyolitic (aplitic) dyke (0.15m)
	580-T1-14	10-11	Blk metased, malachite staining in qtz vein.
	580-T1-15	9-10	Beige-grey rhyolitic dykes with white qtz veins.
	580-T1-16	8-9	Beige-grey rhyolitic dykes with white qtz veins.
	580-T1-17	7-8	M.g. syenitic dyke, some Fe-oxide alteration on fracture surfaces.
	580-T1-18	6-7	Sheared/fault rock gouge. Syenitic dyke.
Trench 2	580-T2-01	3-4	M.g. grdr, minor Fe-oxides on fract.
	580-T2-02	4-5	F.g. greyish to blk andesitic dyke, trc py.
	580-T2-03	5-6	F.g. andesitic dyke and 0.5m smokey-beige rhyolitic dyke (aplite).
	580-T2-04	6-7	F.g. andesitic dyke, trc py.
	580-T2-05	7-8	F.g. andesitic dyke and hard, beige-pink rhyolitic dyke.
	580-T2-06	8-9	Dark grey andesitic dyke.
	580-T2-07	9-10	Dark grey andesitic dyke.
	580-T2-08	10-11	M.g. hlb-biot porphyry, trc py and cpy. Location of soil profiles (2 samples).
	580-T2-09	11-12	Porphyry and andesitic dyke.
	580-T2-10	12-13	Andesitic dyke.
	580-T2-11	13-14	Light grey, pinkish rhyolitic dyke.
	580-T2-12	14-15	Andesitic dyke.
Trench 3	580-T3-01	8-9	Hlb-biot-fld porphyry, grey matrix, trc py. Location of soil profile (2 samples).
	580-T3-02	9-10	Porphyry, trc py.
	580-T3-03	10-11	Porphyry, fract, trc py.
	580-T3-04	11-12	Porpyry, fract, trc py.
	580-T3-05	12-13	Very fract porphyry, fault gouge.
	580-T3-06	13-14	Fault gouge, very fract porphyry.
	580-T3-07	14-15	dk grey breccia, frag of qtz, foliated sed rock, rhyolitic dyke.
	580-T3-08	15-16	dk grey breccia, frag of qtz, foliated sed rock, rhyolitic dyke.
	580-T3-09	16-17	dk grey breccia, frag of qtz, foliated sed rock, rhyolitic dyke.
	580-T3-10	17-18	dk grey breccia, frag of qtz, foliated sed rock, rhyolitic dyke.
	580-T3-11	4-5	Hlb-biot-fld porphyry.
	580-T3-12	5-6	Hlb-biot-fld porphyry, trc py.
	580-T3-13	6-7	Hlb-biot-fld porphyry.

Channel samples from trenches
Independence Property
August, 1997

Trench	Sample	Location (Metres within trench)	Description
	580-T3-14	7-8	Hlb-biot-fld porphyry.
Trench 4	580-T4-01	35-36	C.g. quartz-feldspar-biotite porphyry, (QFP) massive.
	580-T4-02	34-35	C.g. QFP, massive, hard.
	580-T4-03	33-34	C.g. QFP, massive, hard.
	580-T4-04	32-33	C.g. QFP, massive, hard.
	580-T4-05	31-32	QFP, py as fract fill and blebs.
	580-T4-06	30-31	QFP, 1% py and cpy as fract fill and blebs, fault gouge.
	580-T4-07	29-30	QFP, trc py and cpy, fault gouge.
	580-T4-08	28-29	QFP, trc cpy.
	580-T4-09	36-37	Fault gouge, trc py and cpy.
	580-T4-10	37-38	Fault gouge, trc py and cpy. Location of soil profile (5 samples).
	580-T4-11	38-39	Fault gouge, trc py and cpy.
	580-T4-12	39-40	Fault gouge, trc py and cpy.
	580-T4-13	40-41	Fault gouge, trc py and cpy, malachite staining.
	580-T4-14	41-42	Fault gouge, trc py and cpy, malachite staining.
	580-T4-15	3-4	QFP, fract, jointed, trc py, cpy.
	580-T4-16	4-5	QFP, fract, jointed, trc py, cpy.
	580-T4-17	5-6	QFP, fract, jointed, trc py, cpy, malachite staining.
	580-T4-18	6-7	QFP, fract., jointed, trc py, cpy, malachite staining.
	580-T4-19	7-8	QFP, fract, jointed, trc py, cpy.
	580-T4-20	8-9	QFP, friable, very fract., trc py, cpy.
	580-T4-21	9-10	QFP, friable, very fract., trc py, cpy.
	580-T4-22	10-11	QFP, highly fract. trc cpy.
	580-T4-23	11-12	C.g. QFP
	580-T4-24	12-13	C.g. QFP
	580-T4-25	13-14	C.g. QFP
	580-T4-26	14-15	C.g. QFP, thin highly fractured zone, possible fault.
	580-T4-27	15-16	C.g. QFP
	580-T4-28	16-17	F.g. andesitic dyke, grey, barren.
	580-T4-29	17-18	C.g. QFP
	580-T4-30	18-19	C.g. QFP
	580-T4-31	19-20	C.g. QFP, joints.
	580-T4-32	20-21	C.g. QFP, trc py as blebs.
	580-T4-33	21-22	C.g. QFP
	580-T4-34	22-23	C.g. QFP
	580-T4-35	23-24	C.g. QFP
	580-T4-36	24-25	C.g. QFP
	580-T4-37	25-26	QFP, trc py.
	580-T4-38	26-27	QFP, trc py.
	580-T4-39	27-28	QFP, trc cpy as stringers.
	580-T4-40	0-1	M.g. QFP, massive, hard, trc py.
	580-T4-41	1-2	M.g. QFP, massive, hard, trc py.
	580-T4-42	2-3	M.g. QFP, massive, hard, trc py.

Channel samples from trenches
Independence Property
August, 1997

Trench	Sample	Location (Metres within trench)	Description
Trench 5	580-T5-01	5-6	Intensely frct c.g QFP, pale org.-brn. Fe carb on fracts. Blotches of earthy hematite.
	580-T5-02	6-7	C.g. QFP, less intensely frac than 001. v.f.g. diss. cpy
	580-T5-03	7-8	Same as 002. Minor py and cpy.
	580-T5-04	8-9	Partly same as 002. 25cm of blk, m.g. gabbro.
	580-T5-05	9-10	Frac. and intensely weathered gabbro, orange-brown Fe-oxides.
	580-T5-06	10-11	Blk, altered gabbro. Pervasive carbonitization, calc. strgs. 3-7% diss py. 0-2% frac. filled cpy.
	580-T5-07	11-12	Frac. blk gabbro with diss py, po and trc cpy. C.g grdr with diss po and trc cpy. Fe-oxides.
	580-T5-08	12-13	Biotitic QFP with diss po and v.f.g. cpy. Blk gabbro x-cut by 1-2mm calc/Fe-oxide strgs.
	580-T5-09	13-14	Blk gabbro. Up to 3% diss po. Hematitic.
	580-T5-10	14-15	Same as 009. Po and py, trc vfg cpy.
	580-T5-11	15-16	Gabbro, and intensely fract grdr. Abund Fe-oxides and blk Mn-oxides.
	580-T5-12	16-17	Fract, oxidized feldspar porphyry
	580-T5-13	17-18	Barren, more massive feldspar porphyry. Minor hem and Mn-oxide.
	580-T5-14	18-20	Pale, earthy andesitic dyke with gabbro on either side. Barren.
	580-T5-15	20-22	Blk m.g. gabbro. f.g. plag in interstices of plag and/or hornblende. Minor diss po.
	580-T5-16	22-24	C.g. QFP, 50 cm of v.f.g. grey andesitic dyke.
	580-T5-17	24-26	C.g. QFP. Barren. Minor blotches of earthy red hematite.
	580-T5-18	26-28	C.g. QFP.
	580-T5-19	28-30	C.g. QFP. Blotches of brown Fe-oxide. Isolated fine grains/patches of cpy.
	580-T5-20	30-32	Aplite, hard, massive, light-grey, barren. C.g. QFP with blebs of py and cpy.
	580-T5-21	32-34	Qtz-fld-porphyry with trc cpy. (0.3m). C.g. QFP (1.7m), barren.
	580-T5-22	34-36	C.g. QFP. trc py and cpy assoc with qtz veinlets.
	580-T5-23	36-38	C.g. QFP. Orange Fe-oxides in fracts. Trc diss cpy, assoc with qtz stringers.
	580-T5-24	38-40	C.g. QFP. gossan zone, Fe- and Mn-oxides. Weak K-spar alteration.
	580-T5-25	40-42	C.g. QFP. Fract, friable, leached. Qtz veining and assoc. Cpy as fine to coarse blebs. Seepage area
	580-T5-26	42-44	1.5m barren andesitic dyke. 0.5m trace py. Seepage area from here to end of trench.
	580-T5-27	44-46	Alt. c.g. QFP. Trc cpy locally.
	580-T5-28	46-48	Alt. c.g. QFP. Minor py.
	580-T5-29	48-50	Predom. c.g. QFP. with lesser feldspar porphyry. Trc py and cpy in porphyry.
	580-T5-30	50-52	c.g. QFP and feld-biot porphyry. Locally up to 5% py and cpy.
	580-T5-31	52-54	Intensely weathered/fract c.g. QFP. Gouge. Qtz veining.
	580-T5-32	54-56	Aplite, fract qtz.
	580-T5-33	56-58	Aplite with minor c.g. QFP. Fe- and Mn-oxide altn. Location of soil profile (7 samples).
	580-T5-34	58-59	Altered c.g. grdr, weathered.
Trench 6	580-T6-01	24-26	Feldspar-biot porphyry. Fract, Fe-oxides on frac surfaces. 1% diss py and po.
	580-T6-02	26-28	Blk thin-bedded pelitic rock. Rusty, cut by 1mm white gypsum veinlets.
	580-T6-03	28-30	Mainly blk seds with minor porphyry.
	580-T6-04	30-31	Intensely fract, rusty sed rock. Fract fill with Fe-oxides and gypsum (white zeolites?).
	580-T6-05	31-32	Fract. metasedimentary rock. with one small block of porphyry.
	580-T6-06	32-33	Rusty, fract metasedimentary rock. Diss and vein assoc. py.
	580-T6-07	33-34	Rusty, fract metasedimentary rock.
	580-T6-08	34-35	Rusty, fract metasedimentary rock.
	580-T6-09	35-36	Rusty, fract metasedimentary rock. Gypsum (white zeolite?) veinlets.

Channel samples from trenches
Independence Property
August, 1997

Trench	Sample	Location (Metres within trench)	Description
	580-T6-10	36-37	Grey-green massive siliceous pyritic sed. Chloritic, strongly magnetic. Py as frac fill and thin seams.
	580-T6-11	37-38	Same as 010. Cpy blebs on fractures.
	580-T6-12	38-39	Siliceous metasedimentary rock. Relict bedding. Trc cpy, 1% py.
	580-T6-13	39-40	Siliceous metasedimentary rock, trc py and cpy.
	580-T6-14	40-41	Same as 013.
	580-T6-15	41-42	Same as 013.
	580-T6-16	42-43	Siliceous metasedimentary rock, abund qtz veins, trc cpy, 1% py.
	580-T6-17	43-44	Same as 016.
	580-T6-18	44-45	Siliceous metasedimentary rock with abund thin qtz veins and hydrothermal biotite.
	580-T6-19	45-46	Same as 018. Diss and frac fill py. Cpy as thin blebs and assoc with qtz veinlets.
	580-T6-20	46-47	Same as 018. Py and cpy.
	580-T6-21	47-48	Quartz-rich dyke. Hard, trc py.
	580-T6-22	8-10	Blk sed rock, rusty and qtz-biot-fld porphyry. Jointed, grey matrix.
	580-T6-23	10-12	Qtz-biot-fld porphyry. Moderately fract.
	580-T6-24	22-24	Qtz-biot-fld porphyry. Moderately fract.
Trench 7	580-T7-01	7-8	Blk metasediment, abund Fe-oxide altn, remnant foliation.
	580-T7-02	8-9	Carbonitized metased rock - med blue, granular altn, very hard. Trc py.
	580-T7-03	9-10	Blk sed rock, highly fract, org Fe-oxide altn on joint and frac surfaces. Some Fe-oxide altn metased.
	580-T7-04	10-11	Sed rock highly weathered and altered, some Mn-oxide alteration. Rock gouge.
	580-T7-05	11-12	Sed rock, highly fract, soft, incompetent.
	580-T7-06	12-13	Pervasively carbonitized sed rock, hard, Fe-oxide alteration. Some Fe-oxide altn metased.
	580-T7-07	13-14	Pervasively carbonitized sed rock, micro-folding in blk, fract sed rock. Some Fe-oxide metased.
	580-T7-08	14-15	Abund micro-folding and faulting, graphite stringers, highly altered, sericitized metased rock.
	580-T7-09	15-16	Highly fract sed rock, foliation preserved as alternating light and dark seams.
	580-T7-10	16-17	Faulting, slickenslides, phyllitic metasedimentary rock.
	580-T7-11	17-18	Fe- and Mn-oxide altn throughout blk sed rock. Soft rock, fault gouge.
	580-T7-12	18-19	Same as 011.
	580-T7-13	19-20	Same as 011. Small scale faulting and slippage of layers.
	580-T7-14	20-21	Carbonatized sed rock, breccia and graphite seams in non-carb rock. Qtz veins.
	580-T7-15	21-22	Some carbonatized rock, some metased rock. Graphite seams parallel to faulting.
	580-T7-16	22-23	Carbonatized sed rock. Qtz vein 15cm contains py and galena. Py seam within metased.
	580-T7-17	23-24	Carbonatized sed rock. Small scale faulting within Fe-oxide altered metased rock.
	580-T7-18	24-25	Carbonatized and non-carbonatized sed rock. Highly fract.
	580-T7-19	25-26	Highly fract sed rock, Fe-oxide alteration throughout.
	580-T7-20	26-27	Same as 019.

Note: c.g.=coarse grained, m.g. = medium grained, f.g. = fine grained, qtz = quartz, py = pyrite, cpy = chalcopyrite, po = pyrrhotite
blk = black, diss = disseminated, trc = trace, frct = fractured

APPENDIX 4

Certificates of Analysis

For

Trench Chip Samples

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-4598 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
580-t01-001	77	591	<3	51	.4	8	14	356	3.96	2	<8	<2	<2	19	<.2	<3	<3	172	.80	.036	3	11	1.09	57	.22	<3	1.52	.10	.24	<2
580-t01-002	109	669	<3	52	.4	8	14	373	4.47	<2	<8	<2	<2	22	.2	<3	<3	195	1.01	.052	3	10	1.18	80	.27	3	1.64	.12	.40	2
580-t01-003	98	716	<3	55	<.3	9	14	373	5.02	2	<8	<2	<2	15	.3	<3	<3	223	.79	.050	4	7	1.18	90	.28	3	1.39	.10	.42	<2
580-t01-004	91	621	<3	53	.3	7	14	357	4.96	<2	<8	<2	<2	11	.2	<3	<3	234	.76	.053	3	7	1.14	64	.27	<3	1.26	.10	.39	<2
580-t01-005	56	441	<3	46	.3	10	15	340	3.67	<2	<8	<2	<2	15	<.2	<3	<3	172	.47	.050	4	14	1.28	99	.26	<3	1.38	.08	.67	<2
580-t01-006	26	267	5	32	<.3	10	8	174	1.38	<2	<8	<2	4	11	<.2	<3	<3	47	.25	.051	5	22	.57	79	.14	<3	.75	.05	.41	<2
580-t01-007	11	220	6	11	<.3	17	13	160	.70	<2	<8	<2	4	22	<.2	<3	<3	22	.20	.014	2	46	.39	35	.05	<3	.67	.07	.24	2
580-t01-008	93	651	<3	56	<.3	109	21	339	4.07	<2	<8	<2	<2	121	<.2	<3	<3	156	1.12	.079	3	287	2.62	183	.38	<3	3.24	.23	1.46	<2
580-t01-009	64	692	<3	72	.3	94	19	363	4.14	<2	<8	<2	<2	44	<.2	<3	<3	169	.71	.086	6	295	2.88	281	.46	<3	2.67	.10	1.68	<2
580-t01-010	85	457	<3	67	.6	60	17	360	4.60	<2	<8	<2	<2	38	<.2	<3	<3	167	.86	.144	5	128	2.14	225	.46	<3	1.99	.09	1.36	<2
580-t01-011	64	292	<3	69	<.3	41	17	377	5.41	<2	<8	<2	<2	48	<.2	<3	<3	201	1.00	.160	5	88	1.93	176	.41	<3	1.79	.10	.97	<2
580-t01-012	179	447	<3	77	.9	38	14	369	5.52	3	<8	<2	<2	50	<.2	<3	<3	212	.81	.116	4	80	1.94	185	.46	3	2.08	.11	1.14	<2
580-t01-013	81	506	<3	48	.5	22	10	237	2.86	<2	<8	<2	<2	26	<.2	<3	3	115	.60	.133	5	71	1.20	140	.29	<3	1.35	.10	.72	<2
580-t01-014	78	445	<3	47	.6	15	7	256	3.49	2	<8	<2	<2	28	<.2	<3	<3	140	.59	.110	4	37	1.02	135	.26	<3	1.25	.09	.59	<2
580-t01-015	131	832	3	63	.9	19	11	316	4.39	<2	<8	<2	<2	23	<.2	<3	<3	195	.45	.058	3	48	1.55	163	.33	<3	1.85	.08	.68	<2
580-t01-016	37	382	4	25	<.3	6	9	154	1.58	3	<8	<2	2	10	<.2	<3	<3	57	.17	.020	2	9	.48	96	.09	<3	.78	.06	.27	2
580-t01-017	28	761	<3	64	.4	49	17	335	3.03	<2	<8	<2	<2	40	<.2	<3	<3	131	.70	.059	4	176	1.86	99	.25	<3	1.88	.09	.60	<2
580-t01-018	9	553	<3	66	.3	61	18	332	3.54	<2	<8	<2	<2	82	.2	<3	<3	147	1.09	.078	4	201	2.35	279	.29	3	2.63	.16	.91	<2
RE 580-t01-018	9	550	<3	66	.3	61	17	328	3.51	2	<8	<2	<2	81	<.2	<3	<3	145	1.08	.078	3	199	2.33	277	.29	<3	2.61	.16	.90	<2
580-t02-001	49	596	<3	69	.3	43	15	283	3.68	2	<8	<2	<2	54	<.2	<3	<3	188	1.20	.072	4	100	2.01	121	.44	4	2.19	.10	.63	<2
580-t02-002	26	318	<3	47	<.3	50	16	268	3.89	<2	<8	<2	<2	30	<.2	<3	<3	181	.99	.087	4	167	1.63	117	.36	<3	1.68	.10	.76	<2
580-t02-003	47	398	<3	57	<.3	43	13	304	3.63	<2	<8	<2	<2	58	<.2	<3	<3	168	1.16	.133	7	109	1.80	241	.42	<3	2.06	.17	1.03	<2
580-t02-004	37	454	<3	52	<.3	39	16	322	4.90	<2	<8	<2	<2	32	.2	<3	<3	219	.90	.158	5	96	1.88	194	.40	<3	1.92	.09	1.10	<2
580-t02-005	45	558	<3	54	<.3	35	17	264	4.16	3	<8	<2	<2	45	<.2	<3	<3	170	1.14	.182	6	108	1.41	137	.33	<3	1.84	.07	.57	<2
580-t02-006	23	275	<3	53	<.3	42	17	313	4.47	<2	<8	<2	<2	44	<.2	<3	<3	177	.91	.178	5	142	1.92	240	.41	<3	1.88	.11	1.50	<2
580-t02-007	20	310	<3	48	<.3	46	17	285	4.36	<2	<8	<2	<2	49	<.2	<3	<3	186	.93	.118	4	137	1.89	190	.42	<3	1.87	.13	1.22	<2
580-t02-008	3	360	<3	24	<.3	13	8	129	2.29	4	<8	<2	<2	67	<.2	<3	<3	83	.93	.151	6	19	.75	37	.21	<3	.96	.12	.09	2
580-t02-009	4	256	3	29	<.3	10	7	135	2.12	2	<8	<2	<2	69	<.2	<3	<3	82	.95	.141	7	17	.72	37	.20	<3	.99	.14	.09	2
580-t02-010	18	460	<3	52	.4	38	19	348	4.27	3	<8	<2	<2	26	<.2	<3	<3	205	.76	.085	5	72	1.59	140	.37	<3	1.61	.08	.74	<2
580-t02-011	10	56	4	4	<.3	2	1	42	.33	<2	<8	<2	4	4	<.2	<3	<3	6	.03	.005	1	6	.06	7	.01	<3	.19	.06	.04	2
580-t02-012	20	664	<3	48	<.3	170	22	301	4.05	<2	<8	<2	<2	132	<.2	<3	<3	156	1.30	.084	3	424	2.95	114	.41	<3	3.68	.26	1.51	<2
580-t03-001	28	404	<3	21	<.3	6	3	96	1.73	2	<8	<2	2	19	<.2	<3	<3	59	.33	.060	8	16	.57	75	.17	<3	.72	.07	.28	4
580-t03-002	39	537	<3	28	<.3	6	4	115	1.88	<2	<8	<2	<2	18	<.2	<3	<3	64	.31	.060	6	14	.67	78	.17	<3	.84	.06	.31	3
580-t03-003	28	442	5	26	<.3	7	5	111	1.91	2	<8	<2	<2	22	<.2	<3	<3	63	.35	.060	7	25	.71	86	.17	<3	.90	.07	.35	3
580-t03-004	24	388	4	21	<.3	6	4	99	1.71	2	<8	<2	2	16	<.2	<3	<3	57	.31	.059	8	13	.59	70	.16	<3	.72	.05	.27	3
STANDARD C3	27	69	39	171	5.8	39	13	772	3.58	59	30	3	20	31	24.9	13	24	89	.62	.087	19	185	.68	153	.11	20	2.05	.04	.18	21

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: AUG 22 1997 **DATE REPORT MAILED:** Sept 3/97 **SIGNED BY** .... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

 Data ___ FA ___

Discovery Consultants PROJECT 580 FILE # 97-4598

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
580-t03-005	44	540	<3	40	<.3	12	8	206	3.10	<2	<8	<2	2	16	<.2	<3	<3	123	.47	.068	5	30	1.01	89	.24	<3	1.16	.07	.42	2
580-t03-006	32	833	<3	59	<.3	16	12	280	3.58	<2	<8	<2	<2	16	<.2	<3	<3	149	.46	.058	5	36	1.22	60	.24	<3	1.36	.06	.24	2
580-t03-007	27	626	<3	41	<.3	15	10	245	3.58	<2	<8	<2	<2	16	<.2	<3	3	166	.56	.062	3	38	1.11	75	.27	<3	1.24	.08	.59	<2
580-t03-008	18	374	<3	32	<.3	12	9	226	3.53	<2	<8	<2	<2	14	<.2	<3	<3	164	.57	.061	3	32	.86	61	.24	<3	1.01	.07	.38	<2
580-t03-009	21	535	<3	47	<.3	16	13	279	4.15	<2	<8	<2	<2	19	<.2	<3	<3	193	.63	.063	4	34	1.30	71	.27	<3	1.44	.07	.43	<2
580-t03-010	23	385	<3	33	<.3	11	8	208	3.31	2	<8	<2	<2	15	<.2	<3	<3	146	.54	.064	4	21	.78	79	.23	<3	.99	.07	.38	<2
RE 580-t03-010	24	400	<3	34	<.3	11	8	216	3.43	<2	<8	<2	<2	15	.2	<3	<3	152	.56	.066	4	22	.81	83	.24	<3	1.03	.07	.40	2
STANDARD C3	25	64	32	165	5.4	35	12	728	3.42	56	19	3	18	29	23.7	15	22	80	.58	.086	18	162	.64	147	.10	20	1.93	.04	.15	21

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

Data FA

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

ASSAY CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-4598R Page 1

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Au** gm/t
580-t01-001	.02
580-t01-002	.01
580-t01-003	.01
580-t01-004	<.01
580-t01-005	<.01
580-t01-006	<.01
580-t01-007	.02
580-t01-008	.02
580-t01-009	<.01
580-t01-010	.01
580-t01-011	.01
580-t01-012	.01
580-t01-013	.01
580-t01-014	.01
580-t01-015	.01
580-t01-016	.02
580-t01-017	.01
580-t01-018	.01
RE 580-t01-018	.01
580-t02-001	.01
580-t02-002	.01
580-t02-003	<.01
580-t02-004	.01
580-t02-005	<.01
580-t02-006	<.01
580-t02-007	.01
580-t02-008	.02
580-t02-009	.01
580-t02-010	.01
580-t02-011	.01
580-t02-012	<.01
580-t03-001	.02
580-t03-002	.02
580-t03-003	<.01
580-t03-004	.01
STANDARD AU-1	3.40

AU** BY FIRE ASSAY FROM 1 A.T. SAMPLE.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 3 1997 DATE REPORT MAILED: Oct 9/97 SIGNED BY. C.L...... .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Au** gm/t
580-t03-005	<.01
580-t03-006	<.01
580-t03-007	<.01
580-t03-008	<.01
580-t03-009	<.01
580-t03-010	<.01
RE 580-t03-010	<.01
STANDARD AU-1	3.31

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

Data FA

ACME A[illegible]YTICAL LABORATORIES LTD. 852 E. HASTINGS ST. [illegible]NCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(60[illegible])253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-4868 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm
580-t03-011	1	668	<3	25	<.3	10	9	143	2.24	2	<8	<2	<2	89	.2	<3	<3	77	.94	.179	12	16	.73	37	.18	3	1.01	.14	.08	2	<5	<1
580-t03-012	17	431	<3	18	<.3	5	5	126	1.64	2	<8	<2	<2	23	<.2	<3	<3	55	.34	.062	7	12	.56	65	.15	<3	.75	.09	.21	3	<5	<1
580-t03-013	26	503	<3	24	<.3	6	5	158	1.79	<2	<8	<2	2	21	<.2	<3	<3	60	.34	.065	8	15	.67	71	.15	<3	.87	.07	.29	3	<5	1
580-t03-014	23	498	<3	22	<.3	7	5	131	1.71	<2	<8	<2	2	20	<.2	<3	<3	56	.30	.062	7	17	.61	65	.15	<3	.75	.07	.29	5	<5	<1
580-t04-001	55	855	5	14	1.0	3	3	82	.64	33	<8	<2	2	13	<.2	3	<3	10	.07	.022	5	11	.05	223	<.01	<3	.26	.03	.12	5	<5	<1
580-t04-002	32	690	<3	20	.5	3	4	79	.82	2	<8	<2	<2	13	<.2	<3	<3	23	.10	.032	5	9	.24	133	.04	<3	.45	.05	.21	5	<5	<1
580-t04-003	56	745	<3	16	.8	4	4	77	.78	<2	<8	<2	2	13	<.2	<3	<3	19	.10	.029	5	11	.16	68	.02	<3	.41	.04	.17	4	<5	<1
580-t04-004	43	485	<3	19	.3	3	4	87	.81	<2	<8	<2	2	12	<.2	<3	<3	19	.08	.025	4	9	.22	64	.03	<3	.45	.05	.16	6	<5	<1
580-t04-005	48	1298	3	28	1.1	4	5	77	.93	<2	<8	<2	2	12	<.2	<3	<3	23	.09	.029	6	10	.22	84	.03	<3	.45	.04	.20	4	<5	<1
580-t04-006	48	465	7	22	1.0	3	3	85	.68	9	<8	<2	2	10	<.2	4	<3	13	.10	.035	5	11	.09	44	.01	<3	.40	.03	.14	5	<5	<1
580-t04-007	12	1120	<3	20	.6	4	3	86	.70	<2	<8	<2	<2	11	<.2	<3	<3	23	.08	.028	6	12	.25	132	.04	<3	.41	.05	.21	4	<5	<1
580-t04-008	77	806	<3	23	.9	4	5	80	1.01	<2	<8	<2	<2	12	<.2	<3	<3	32	.09	.032	5	11	.34	113	.06	<3	.55	.05	.26	5	<5	<1
580-t04-009	23	1560	<3	23	.7	4	4	123	.97	<2	<8	<2	2	23	<.2	<3	<3	17	.17	.031	5	22	.24	564	.01	<3	.57	.02	.12	4	<5	<1
580-t04-010	55	1507	5	27	.8	12	5	145	1.12	3	11	<2	<2	85	.3	<3	<3	11	3.91	.021	4	17	.32	424	<.01	<3	.60	.02	.10	4	<5	<1
580-t04-011	15	3806	3	30	1.5	5	6	111	1.32	<2	<8	<2	<2	36	.2	<3	3	30	.84	.043	8	11	.43	128	.03	<3	.74	.03	.21	4	<5	<1
580-t04-012	36	1142	4	22	.5	3	4	116	.95	<2	<8	<2	<2	45	.3	<3	<3	18	2.94	.035	5	15	.34	385	.01	<3	.60	.02	.11	4	<5	<1
580-t04-013	16	640	<3	19	.3	4	4	103	.80	7	8	<2	<2	16	.2	<3	<3	17	.38	.035	5	9	.19	129	.01	<3	.47	.03	.09	4	<5	<1
580-t04-014	19	558	<3	14	.4	3	3	100	.69	<2	<8	<2	3	32	<.2	<3	<3	13	.56	.021	5	12	.16	104	.01	5	.37	.04	.12	5	<5	<1
580-t04-015	47	703	<3	20	.5	4	4	80	.89	<2	<8	<2	2	9	<.2	<3	<3	25	.11	.041	4	11	.21	66	.04	5	.52	.04	.20	4	<5	<1
580-t04-016	76	892	3	24	.5	4	6	110	1.14	<2	<8	<2	<2	10	<.2	<3	<3	30	.12	.045	5	13	.28	123	.06	<3	.63	.05	.25	5	<5	<1
580-t04-017	39	909	3	26	.5	5	5	97	1.01	<2	<8	<2	<2	11	<.2	<3	<3	33	.19	.049	5	13	.27	77	.05	<3	.56	.05	.25	3	<5	<1
580-t04-018	22	1320	<3	22	.7	4	5	111	.97	<2	<8	<2	2	12	<.2	<3	<3	30	.19	.048	11	13	.27	255	.05	3	.55	.05	.28	5	<5	<1
580-t04-019	27	507	<3	15	.3	4	4	78	.83	<2	<8	<2	<2	8	<.2	<3	<3	26	.08	.037	3	11	.24	79	.05	<3	.55	.05	.21	3	<5	<1
RE 580-t04-019	27	508	<3	16	.3	4	4	67	.84	<2	<8	<2	<2	8	<.2	<3	<3	26	.08	.037	3	8	.24	79	.05	<3	.55	.05	.21	4	<5	<1
580-t04-020	31	774	5	19	.6	4	5	81	1.00	<2	<8	<2	<2	8	<.2	<3	<3	29	.09	.042	5	12	.24	69	.05	<3	.62	.05	.22	6	<5	<1
580-t04-021	19	939	3	21	.3	4	4	90	1.01	<2	<8	<2	<2	10	<.2	<3	<3	32	.10	.039	7	10	.30	167	.06	<3	.56	.05	.26	4	<5	1
580-t04-022	16	1828	<3	25	.5	4	5	104	.91	<2	<8	<2	<2	18	.2	<3	<3	31	.21	.044	9	23	.26	545	.05	<3	.47	.05	.24	5	<5	<1
580-t04-023	26	918	<3	24	.5	4	5	97	.95	<2	<8	<2	2	9	<.2	<3	<3	29	.10	.040	6	10	.26	70	.04	3	.65	.04	.19	3	<5	<1
580-t04-024	20	794	<3	22	.6	4	5	117	.97	11	<8	<2	2	11	.2	<3	<3	16	.12	.042	9	12	.07	108	<.01	7	.58	.03	.13	4	<5	<1
580-t04-025	44	819	4	23	.4	5	5	106	1.07	5	<8	<2	<2	8	<.2	<3	<3	29	.11	.048	6	9	.19	46	.03	<3	.68	.03	.17	3	<5	<1
580-t04-026	55	621	3	21	.6	5	6	158	1.03	2	<8	<2	<2	8	<.2	<3	<3	27	.10	.047	6	10	.17	46	.02	<3	.58	.04	.17	4	<5	<1
580-t04-027	60	767	3	20	.8	6	5	155	1.10	3	<8	<2	2	9	<.2	<3	<3	33	.11	.048	6	7	.33	76	.05	<3	.74	.04	.22	2	<5	<1
580-t04-028	22	2950	5	117	<.3	218	33	775	4.55	3	<8	<2	<2	117	.5	<3	<3	134	.82	.233	37	234	2.82	1164	.08	3	2.31	.05	.14	<2	<5	1
580-t04-029	29	418	<3	24	<.3	5	4	117	.79	<2	<8	<2	<2	10	<.2	<3	<3	36	.13	.058	5	7	.40	61	.05	<3	.59	.04	.23	3	<5	<1
580-t04-030	34	1015	<3	28	.6	5	5	119	1.01	<2	<8	<2	2	12	<.2	<3	<3	40	.13	.050	5	9	.50	65	.06	<3	.78	.05	.24	3	<5	<1
STANDARD C3	27	67	35	152	5.6	36	12	766	3.37	54	27	2	20	29	22.9	14	15	81	.58	.090	18	172	.64	136	.11	20	1.92	.04	.16	21	<5	1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 29 1997 DATE REPORT MAILED: Sept 5/97 SIGNED BY.......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm
580-t04-031	28	324	<3	21	.5	4	3	69	.93	<2	<8	<2	<2	11	<.2	<3	<3	34	.10	.039	6	11	.41	117	.07	<3	.63	.06	.28	2	<5	<1
580-t04-032	24	374	<3	22	.5	4	4	106	1.01	<2	<8	<2	<2	11	<.2	<3	<3	35	.11	.040	6	13	.41	110	.07	4	.67	.06	.27	4	<5	<1
580-t04-033	19	545	3	23	.9	3	4	86	1.01	<2	<8	<2	<2	10	<.2	<3	<3	34	.10	.038	5	11	.41	115	.07	4	.63	.06	.29	2	<5	<1
580-t04-034	42	507	5	31	.8	3	5	138	1.32	<2	<8	<2	<2	11	<.2	<3	<3	39	.11	.043	7	10	.52	164	.10	3	.84	.06	.39	4	<5	<1
580-t04-035	55	431	<3	24	1.1	4	4	85	1.07	<2	<8	<2	<2	11	<.2	<3	<3	35	.10	.039	5	10	.38	112	.06	<3	.62	.06	.27	3	<5	<1
580-t04-036	17	437	4	24	.6	3	4	81	1.02	<2	<8	<2	<2	11	<.2	<3	<3	35	.11	.043	5	12	.42	126	.07	<3	.67	.06	.29	4	<5	<1
580-t04-037	39	326	8	21	.7	4	3	72	.75	<2	<8	<2	<2	9	<.2	<3	<3	28	.09	.037	5	12	.29	56	.03	<3	.54	.05	.20	3	<5	<1
580-t04-038	34	450	3	23	.7	3	3	67	.80	<2	<8	<2	<2	12	<.2	<3	<3	33	.10	.038	6	11	.35	112	.05	<3	.57	.05	.27	5	<5	<1
580-t04-039	47	675	6	23	1.1	4	4	77	1.04	<2	<8	<2	<2	11	<.2	<3	<3	32	.10	.037	5	13	.38	111	.06	<3	.57	.06	.26	3	<5	<1
580-t04-040	22	659	4	24	.5	3	4	101	.91	2	<8	<2	<2	10	<.2	<3	<3	26	.10	.036	5	11	.20	83	.04	4	.53	.05	.21	3	<5	<1
580-t04-041	94	679	4	22	.6	4	4	56	.89	<2	<8	<2	<2	9	<.2	<3	<3	26	.09	.038	5	13	.22	89	.05	4	.56	.04	.20	3	<5	<1
580-t04-042	91	875	<3	20	1.0	4	6	86	.97	<2	<8	<2	<2	8	<.2	<3	<3	29	.09	.041	6	11	.14	258	.03	<3	.47	.04	.16	4	<5	<1
580-t05-001	25	417	3	18	.5	6	4	92	1.01	<2	<8	<2	<2	12	<.2	<3	<3	27	.12	.036	4	13	.26	67	.04	4	.49	.06	.16	3	<5	<1
580-t05-002	18	331	3	15	.6	4	3	85	.91	<2	<8	<2	2	11	<.2	<3	<3	21	.09	.026	4	13	.21	64	.03	5	.40	.06	.15	3	<5	<1
580-t05-003	18	379	3	18	.4	6	6	101	1.04	<2	<8	<2	<2	15	<.2	<3	<3	30	.14	.044	5	14	.37	97	.05	3	.60	.07	.21	2	<5	<1
580-t05-004	11	445	3	16	.6	13	6	140	.88	<2	<8	<2	<2	33	<.2	<3	<3	29	.41	.031	4	34	.45	137	.07	8	.84	.10	.16	2	<5	<1
580-t05-005	30	1335	<3	72	.8	92	23	490	3.76	2	<8	<2	<2	151	.5	4	<3	123	1.07	.065	7	365	2.71	152	.20	5	3.14	.12	.98	2	<5	1
580-t05-006	31	2020	4	69	1.2	43	27	419	4.69	2	<8	<2	<2	45	.4	<3	<3	159	.85	.155	12	83	2.08	124	.26	9	2.28	.07	1.41	<2	<5	1
RE 580-t05-006	31	2039	5	69	1.1	44	26	429	4.72	<2	12	<2	<2	46	.4	<3	<3	160	.86	.156	11	84	2.10	131	.29	7	2.30	.07	1.43	2	<5	1
580-t05-007	45	1386	<3	35	1.1	14	10	200	2.18	<2	<8	<2	<2	39	<.2	<3	<3	66	.36	.092	11	32	.81	231	.12	8	1.10	.05	.58	3	<5	<1
580-t05-008	19	1370	<3	41	.9	16	11	176	2.25	<2	9	<2	<2	33	<.2	<3	<3	73	.33	.099	10	30	.90	176	.12	5	1.09	.05	.47	3	<5	<1
580-t05-009	25	1351	<3	65	.8	40	21	454	4.43	2	<8	<2	<2	62	.3	<3	<3	155	.71	.136	8	85	2.15	205	.41	<3	2.00	.09	1.19	2	<5	1
580-t05-010	13	851	<3	57	.6	44	18	433	3.83	<2	<8	<2	<2	56	<.2	<3	<3	143	.76	.121	7	108	1.96	197	.42	5	1.79	.10	1.10	2	<5	<1
580-t05-011	65	1092	3	47	.6	21	18	833	2.91	4	<8	<2	<2	38	<.2	<3	<3	98	.47	.115	8	42	1.01	190	.19	6	1.18	.06	.54	<2	<5	<1
580-t06-021	64	146	4	22	<.3	3	5	169	1.17	<2	<8	<2	<2	15	<.2	<3	<3	41	.16	.023	5	13	.47	65	.07	<3	.59	.06	.21	4	<5	<1
580-t06-022	23	558	<3	74	.4	13	21	624	4.78	<2	<8	<2	<2	388	.3	<3	<3	196	1.42	.053	4	16	1.08	114	.21	5	2.88	.25	.37	3	<5	1
580-t06-023	8	107	<3	46	<.3	5	8	332	2.14	<2	12	<2	<2	61	<.2	<3	<3	72	.43	.092	8	12	.80	117	.19	3	.94	.07	.32	2	<5	1
580-t06-024	15	161	4	52	<.3	4	6	284	1.86	<2	<8	<2	<2	61	<.2	<3	<3	68	.42	.086	8	14	.73	125	.18	3	.89	.07	.32	2	<5	<1
STANDARD C3	24	66	36	146	5.4	35	12	769	3.14	52	25	2	17	28	21.3	13	14	78	.55	.086	18	172	.62	143	.11	20	1.82	.04	.16	19	<5	1

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

Data FA

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

GEOCHEM PRECIOUS METALS ANALYSIS

Discovery Consultants PROJECT 580 File # 97-4868R Page 1

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Au** ppb
580-t04-001	9
580-t04-002	10
580-t04-003	8
580-t04-004	6
580-t04-005	7
580-t04-006	5
580-t04-007	6
580-t04-008	10
580-t04-009	4
580-t04-010	6
580-t04-011	17
580-t04-012	3
580-t04-013	<2
580-t04-014	<2
580-t04-015	3
580-t04-016	6
580-t04-017	5
580-t04-018	4
580-t04-019	3
RE 580-t04-019	2
580-t04-020	5
580-t04-021	4
580-t04-022	2
580-t04-023	<2
580-t04-024	4
580-t04-025	3
580-t04-026	3
580-t04-027	3
580-t04-028	<2
580-t04-029	<2
580-t04-030	2
STANDARD AU-R	476

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/AA.
- SAMPLE TYPE: ROCK PULP

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 10 1997 DATE REPORT MAILED: Sept 12/97 SIGNED BY. ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Au** ppb
580-t04-031	13
580-t04-032	3
580-t04-033	6
580-t04-034	5
580-t04-035	5
580-t04-036	3
580-t04-037	5
580-t04-038	5
580-t04-039	6
580-t04-040	4
580-t04-041	4
580-t04-042	11
580-t05-001	3
580-t05-002	2
580-t05-003	4
580-t05-004	3
580-t05-005	6
580-t05-006	6
RE 580-t05-006	6
580-t05-007	8
580-t05-008	7
580-t05-009	6
580-t05-010	5
580-t05-011	5
580-t06-021	2
580-t06-022	<2
580-t06-023	<2
580-t06-024	2
STANDARD AU-R	493

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

Data __ FA

ACME A[illegible]YTICAL LABORATORIES LTD. 852 E. HASTINGS ST. [illegible]NCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(6[illegible]253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-5022

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm
580-t05-012	50	544	3	29	.5	6	9	192	1.78	5	10	<2	2	21	<.2	<3	<3
580-t05-013	29	604	3	43	.3	9	8	210	2.03	8	<8	<2	2	26	<.2	<3	<3
580-t05-014	20	856	3	80	.4	117	24	511	3.57	7	<8	<2	<2	87	<.2	<3	<3
580-t05-015	30	1398	<3	69	.8	55	23	350	3.63	2	<8	<2	<2	82	<.2	<3	<3
580-t05-016	11	235	6	23	.4	6	5	116	1.26	<2	<8	<2	3	30	<.2	<3	<3
580-t05-017	32	365	11	19	.7	4	4	100	1.08	<2	<8	<2	3	12	<.2	<3	<3
580-t05-018	24	343	4	13	.7	3	4	92	.77	<2	9	<2	3	12	<.2	<3	<3
580-t05-019	18	546	4	22	.5	3	6	129	1.08	<2	<8	<2	2	12	<.2	<3	<3
580-t05-020	27	552	4	10	.3	3	4	78	.64	<2	10	<2	2	15	<.2	<3	<3
580-t05-021	35	669	5	29	.8	5	7	109	1.38	2	9	<2	4	15	<.2	<3	<3
580-t05-022	20	1062	4	26	.8	4	6	94	1.15	<2	11	<2	<2	15	<.2	<3	<3
580-t05-023	23	645	6	24	.5	4	6	93	1.16	<2	<8	<2	2	12	<.2	<3	<3
580-t05-024	47	775	4	22	.6	5	8	123	1.04	3	<8	<2	3	11	.2	<3	<3
580-t05-025	60	1176	5	24	.7	4	14	261	1.08	4	<8	<2	2	16	.3	<3	<3
580-t05-026	34	480	5	38	.3	6	10	170	1.85	4	<8	<2	<2	36	.2	<3	<3
580-t05-027	57	1525	8	28	.9	4	7	71	1.18	7	<8	<2	3	18	.4	<3	<3
580-t05-028	56	717	5	24	.6	4	5	70	1.19	2	10	<2	3	24	<.2	<3	<3
RE 580-t05-028	56	720	<3	24	.6	4	5	68	1.18	<2	<8	<2	3	24	<.2	<3	<3
580-t05-029	57	1655	3	34	1.1	5	7	139	1.60	3	<8	<2	2	43	.4	<3	<3
580-t05-030	38	1000	3	35	.8	7	9	127	1.76	2	<8	<2	3	43	<.2	<3	<3
580-t05-031	56	784	6	32	.8	10	7	219	1.40	20	<8	<2	<2	46	.3	<3	<3
580-t05-032	49	452	6	16	.4	8	5	56	.87	7	9	<2	4	12	<.2	<3	<3
580-t05-033	43	365	5	27	<.3	5	4	78	.97	2	<8	<2	2	14	<.2	<3	<3
580-t05-034	68	674	6	33	1.3	5	4	85	1.15	5	<8	<2	2	14	<.2	<3	<3
STANDARD C3	24	66	35	153	5.6	35	12	737	3.34	55	24	2	18	29	22.2	14	20

SAMPLE#	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm
580-t05-012	50	.25	.086	11	12	.49	167	.09	8	.74	.05	.30	2	<5	<1
580-t05-013	68	.35	.095	10	19	.78	187	.20	<3	.88	.06	.40	3	<5	<1
580-t05-014	131	.84	.164	14	186	2.88	574	.22	6	2.00	.08	.55	2	<5	<1
580-t05-015	182	1.28	.061	7	194	2.46	210	.45	<3	2.51	.14	.87	3	<5	1
580-t05-016	38	.25	.055	7	14	.51	66	.06	7	.66	.09	.16	4	<5	<1
580-t05-017	27	.12	.034	6	14	.32	62	.03	5	.56	.05	.20	4	<5	<1
580-t05-018	15	.08	.021	6	12	.14	102	.02	7	.40	.04	.14	3	<5	<1
580-t05-019	27	.12	.033	5	12	.34	95	.05	3	.57	.06	.23	5	<5	<1
580-t05-020	10	.09	.014	4	13	.10	124	.01	6	.34	.05	.13	4	<5	<1
580-t05-021	30	.16	.051	8	10	.31	103	.03	14	.76	.04	.23	5	<5	<1
580-t05-022	26	.14	.039	7	11	.31	307	.05	5	.64	.05	.25	4	<5	<1
580-t05-023	25	.12	.028	5	11	.28	118	.04	3	.60	.05	.23	5	<5	<1
580-t05-024	18	.13	.036	6	11	.08	41	.01	13	.49	.03	.12	3	<5	<1
580-t05-025	17	.17	.039	6	11	.05	178	<.01	16	.45	.03	.12	4	<5	<1
580-t05-026	48	.82	.084	10	10	.15	318	.01	11	.50	.04	.10	<2	<5	<1
580-t05-027	19	.25	.042	6	12	.05	330	<.01	18	.38	.03	.11	4	<5	<1
580-t05-028	26	.21	.050	11	11	.18	172	.03	13	.54	.05	.22	4	<5	<1
RE 580-t05-028	26	.20	.049	11	12	.18	171	.03	8	.54	.05	.22	4	<5	<1
580-t05-029	35	.76	.058	7	13	.25	451	.03	18	.56	.04	.23	3	<5	<1
580-t05-030	41	.45	.071	9	16	.39	420	.06	15	.76	.04	.35	2	<5	<1
580-t05-031	23	1.36	.027	5	17	.09	430	<.01	16	.47	.01	.13	4	<5	<1
580-t05-032	16	.08	.024	3	13	.04	39	<.01	15	.34	.01	.08	5	<5	<1
580-t05-033	22	.16	.060	5	10	.07	42	.01	3	.42	.03	.15	4	<5	<1
580-t05-034	23	.18	.065	6	14	.12	44	.01	10	.54	.03	.20	3	<5	<1
STANDARD C3	78	.57	.085	20	173	.59	149	.09	27	1.89	.04	.16	22	<5	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK   Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 2 1997   DATE REPORT MAILED: Sep 11/97   SIGNED BY. ......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA ___

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

GEOCHEM PRECIOUS METALS ANALYSIS

Discovery Consultants PROJECT 580 File # 97-5022R

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Au** ppb
580-t05-012	4
580-t05-013	4
580-t05-014	4
580-t05-015	7
580-t05-016	4
580-t05-017	7
580-t05-018	4
580-t05-019	6
580-t05-020	3
580-t05-021	6
580-t05-022	10
580-t05-023	7
580-t05-024	6
580-t05-025	7
580-t05-026	<2
580-t05-027	9
580-t05-028	7
RE 580-t05-028	5
580-t05-029	8
580-t05-030	5
580-t05-031	5
580-t05-032	<2
580-t05-033	<2
580-t05-034	7
STANDARD AU-R	488

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/AA.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 10 1997 DATE REPORT MAILED: Sep 12/97 SIGNED BY. ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-4845

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm
580-t06-001	33	354	<3	77	<.3	7	9	346	4.09	<2	<8	<2	<2	77	<.2	<3	<3	177	.61	.078	6	10	1.12	105	.27	3	1.43	.08	.35	2	<5	<1
580-t06-002	56	633	<3	78	<.3	8	12	390	5.62	<2	<8	<2	<2	108	<.2	<3	<3	237	.68	.076	6	14	1.29	129	.30	<3	1.57	.09	.41	2	<5	<1
580-t06-003	50	554	<3	97	.3	12	13	416	4.94	<2	<8	<2	<2	81	<.2	<3	<3	214	.73	.085	6	24	1.53	128	.31	<3	1.74	.09	.39	6	<5	<1
580-t06-004	40	555	<3	80	.4	7	12	394	6.32	<2	<8	<2	<2	58	<.2	<3	<3	256	.57	.054	3	10	1.26	101	.29	3	1.49	.08	.35	66	<5	<1
580-t06-005	17	410	3	69	<.3	8	11	360	5.25	<2	<8	<2	<2	58	<.2	<3	<3	211	.69	.067	4	10	1.24	134	.30	<3	1.47	.09	.42	4	<5	<1
580-t06-006	21	577	<3	61	<.3	8	12	330	5.55	<2	<8	<2	<2	51	<.2	<3	<3	225	.68	.056	3	9	1.19	80	.29	<3	1.41	.08	.27	16	<5	<1
580-t06-007	44	676	<3	65	.6	8	13	398	6.56	<2	<8	<2	<2	52	<.2	<3	<3	236	.74	.068	2	8	1.31	59	.30	<3	1.49	.07	.23	8	<5	<1
580-t06-008	18	530	<3	80	.4	8	22	626	6.57	<2	<8	<2	<2	48	<.2	<3	<3	300	1.04	.058	3	6	1.33	31	.30	<3	1.82	.08	.17	<2	<5	<1
580-t06-009	18	449	4	67	<.3	9	23	558	6.30	<2	<8	<2	<2	69	<.2	<3	<3	289	1.46	.055	2	7	1.21	28	.30	<3	2.09	.07	.17	<2	<5	<1
580-t06-010	68	524	<3	72	<.3	10	24	458	6.32	<2	<8	<2	<2	73	<.2	<3	<3	279	.98	.059	1	9	1.19	58	.29	<3	1.36	.11	.30	3	<5	<1
580-t06-011	8	424	<3	72	<.3	10	26	572	6.70	<2	<8	<2	<2	52	<.2	<3	<3	338	1.31	.065	2	10	1.28	65	.32	3	1.54	.11	.32	2	<5	<1
580-t06-012	5	330	<3	48	<.3	6	14	536	3.38	<2	<8	<2	<2	61	<.2	<3	<3	133	2.38	.033	5	9	.79	55	.11	<3	1.12	.07	.24	3	<5	<1
580-t06-013	9	512	<3	101	<.3	11	29	547	6.70	<2	<8	<2	<2	77	.3	<3	<3	329	.73	.054	1	11	1.74	34	.31	<3	1.74	.10	.86	2	<5	<1
580-t06-014	16	641	3	73	<.3	11	29	498	6.65	<2	<8	<2	<2	163	<.2	<3	<3	305	.95	.058	1	11	1.40	37	.30	<3	1.60	.13	.65	6	<5	<1
580-t06-015	5	683	<3	86	<.3	13	24	546	5.09	<2	<8	<2	<2	70	.4	<3	<3	217	2.08	.076	5	16	1.31	35	.30	3	1.69	.09	.37	4	<5	<1
580-t06-016	9	622	<3	62	<.3	15	23	412	5.12	<2	<8	<2	<2	95	.3	<3	<3	219	1.30	.077	3	17	1.35	40	.30	<3	1.86	.15	.43	3	<5	<1
RE 580-t06-016	9	616	<3	63	<.3	14	23	409	5.08	<2	<8	<2	<2	95	<.2	<3	<3	218	1.29	.077	3	16	1.33	39	.30	<3	1.85	.14	.43	3	<5	<1
580-t06-017	45	528	4	61	<.3	9	16	234	3.23	2	<8	<2	<2	85	.2	<3	<3	131	.85	.045	3	13	.89	35	.19	<3	1.48	.14	.43	4	<5	<1
580-t06-018	16	1550	<3	96	.6	13	37	473	7.46	<2	<8	<2	<2	142	.4	<3	<3	321	1.34	.054	<1	11	1.99	16	.34	<3	3.21	.30	1.16	3	<5	1
580-t06-019	17	1778	<3	98	.7	13	46	500	8.39	<2	<8	<2	<2	237	<.2	<3	<3	257	1.31	.049	<1	9	1.61	17	.29	<3	2.13	.17	.72	10	<5	<1
580-t06-020	31	1188	<3	90	.4	9	28	368	5.64	4	<8	<2	<2	144	.2	<3	<3	181	.68	.037	2	7	1.36	25	.13	3	2.16	.13	.59	<2	<5	<1
STANDARD C3	26	69	38	163	5.7	38	13	773	3.57	54	24	3	20	33	24.6	14	20	90	.63	.088	19	180	.64	156	.11	22	2.08	.04	.17	23	<5	1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 28 1997 DATE REPORT MAILED: Sept 9/97 SIGNED BY........D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-4846

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-t07-001	<1	119	<3	79	<.3	54	31	1160	6.11	<2	<8	<2	<2	24	.6	<3	<3	206	.65	.100	5	163	2.29	51	.03	<3	2.99	.02	.27	<2	<5	<1	<2
580-t07-002	<1	57	<3	70	<.3	56	25	1268	5.15	21	<8	<2	2	194	.3	<3	<3	151	9.60	.070	4	88	1.53	109	<.01	<3	1.02	.02	.08	<2	<5	<1	<2
580-t07-003	1	86	<3	84	.4	93	45	1872	7.36	66	<8	<2	<2	16	<.2	<3	<3	207	.60	.106	7	137	.48	182	<.01	3	1.74	.01	.04	2	<5	<1	3
580-t07-004	<1	115	<3	78	<.3	137	68	1372	7.41	41	<8	<2	<2	20	.3	<3	<3	194	.51	.062	7	134	1.06	120	<.01	<3	2.41	.01	.04	<2	<5	<1	2
580-t07-005	<1	83	<3	66	<.3	67	32	1578	7.65	12	<8	<2	<2	13	<.2	<3	<3	165	.39	.062	8	83	.56	70	<.01	<3	1.51	.01	.08	<2	<5	<1	2
580-t07-006	1	74	<3	88	<.3	59	28	1329	6.56	54	<8	<2	<2	68	.2	<3	<3	198	1.43	.085	7	121	.50	130	<.01	<3	1.13	.02	.06	<2	<5	<1	<2
580-t07-007	2	100	6	96	.4	165	46	1180	6.63	203	<8	<2	<2	24	.5	<3	<3	153	2.13	.080	8	190	.71	112	<.01	<3	1.21	.01	.09	3	<5	<1	4
580-t07-008	4	97	<3	107	.3	119	39	1189	5.78	199	<8	<2	<2	13	.2	<3	<3	149	.32	.069	8	133	.94	102	<.01	<3	1.43	.01	.07	<2	<5	<1	4
580-t07-009	6	94	3	82	.3	140	40	1203	6.28	463	<8	<2	<2	8	.2	<3	<3	141	.10	.062	8	168	1.45	157	<.01	<3	1.63	.02	.05	<2	<5	<1	<2
580-t07-010	4	99	5	101	.3	155	45	1330	7.06	409	<8	<2	<2	10	<.2	<3	<3	145	.11	.058	10	173	1.06	89	<.01	3	1.50	.02	.07	2	<5	<1	3
580-t07-011	4	106	9	136	.5	155	45	1135	6.29	228	<8	<2	<2	11	<.2	<3	<3	136	.23	.091	9	145	.66	72	<.01	3	1.16	.02	.06	<2	<5	<1	3
580-t07-012	4	99	6	134	.4	72	33	1049	5.09	209	<8	<2	<2	12	<.2	<3	<3	152	.28	.110	7	93	.19	74	<.01	3	.84	.02	.06	<2	<5	<1	<2
580-t07-013	5	81	7	172	.7	74	26	904	4.33	185	<8	<2	<2	17	<.2	<3	<3	111	.32	.121	7	82	.10	88	<.01	<3	.73	.02	.07	<2	<5	<1	<2
580-t07-014	3	50	24	178	.6	40	16	1292	4.22	88	<8	<2	<2	325	1.7	<3	3	51	6.73	.039	4	28	2.54	179	<.01	<3	.50	.01	.10	<2	<5	<1	6
580-t07-015	2	43	8	99	<.3	29	14	718	2.99	70	<8	<2	<2	114	.9	<3	<3	29	5.75	.063	3	15	1.09	101	<.01	4	.51	.01	.15	<2	<5	<1	23
580-t07-016	6	26	9	58	.3	17	8	642	1.90	17	<8	<2	<2	144	.5	<3	<3	33	2.35	.039	1	26	.90	84	<.01	<3	.40	.03	.01	4	<5	<1	4
RE 580-t07-016	6	26	6	57	<.3	17	7	634	1.88	18	<8	<2	<2	142	.6	<3	<3	32	2.31	.039	1	27	.89	83	<.01	<3	.40	.03	<.01	5	<5	<1	3
580-t07-017	1	54	11	91	.3	35	25	894	3.98	103	<8	<2	<2	178	.7	<3	<3	144	2.82	.104	6	30	1.10	85	.01	4	1.56	.03	.12	<2	<5	<1	3
580-t07-018	2	38	17	73	.3	34	21	386	4.30	39	<8	<2	<2	19	.2	<3	<3	113	.32	.076	3	50	1.66	164	<.01	<3	2.19	.02	.09	2	<5	<1	6
580-t07-019	17	63	7	63	.4	38	24	394	4.83	33	<8	<2	<2	20	<.2	<3	4	81	.33	.123	6	43	1.74	218	<.01	<3	2.25	.02	.08	2	<5	<1	24
580-t07-020	<1	42	<3	75	<.3	73	31	1574	6.31	17	<8	<2	<2	162	.9	<3	<3	135	6.00	.069	6	76	2.49	249	<.01	<3	1.66	.01	.08	<2	<5	<1	<2
STANDARD C3/AU-R	24	64	36	167	5.7	35	12	789	3.28	53	25	3	17	30	23.0	16	22	81	.57	.082	18	167	.59	146	.10	19	1.92	.04	.16	23	<5	1	492

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 28 1997 DATE REPORT MAILED: Sept 9/97 SIGNED BY. D. Toye D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

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

GEOCHEM PRECIOUS METALS ANALYSIS

Discovery Consultants PROJECT 580 File # 97-4845R

P.O. Box 933, Vernon BC V1T 6M8

SAMPLE#	Au** ppb
580-t06-001	<2
580-t06-002	2
580-t06-003	<2
580-t06-004	<2
580-t06-005	<2
580-t06-006	<2
580-t06-007	2
580-t06-008	2
580-t06-009	<2
580-t06-010	<2
580-t06-011	<2
580-t06-012	<2
580-t06-013	2
580-t06-014	2
580-t06-015	<2
580-t06-016	<2
RE 580-t06-016	<2
580-t06-017	<2
580-t06-018	<2
580-t06-019	<2
580-t06-020	<2
STANDARD AU-R	480

30 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/AA.
- SAMPLE TYPE: ROCK PULP
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: SEP 10 1997 DATE REPORT MAILED: Sep 12/97 SIGNED BY ......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data ___ FA ___

APPENDIX 5

CERTIFICATE OF ANALYSIS

For

Reverse Circulation Drill Samples

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-6436 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC1-01	25	514	4	23	<.3	6	5	133	1.04	5	<8	<2	<2	30	<.2	<3	<3	27	.23	.044	6	17	.20	113	.03	5	.47	.05	.20	5	<5	1	5
580-RC1-02	17	1580	3	53	.6	12	10	182	1.83	8	<8	<2	<2	67	<.2	<3	<3	65	1.20	.101	11	28	.57	270	.09	7	.84	.07	.39	2	<5	<1	13
580-RC1-03	25	846	3	30	.3	7	6	124	1.16	4	<8	<2	<2	52	<.2	<3	<3	33	.81	.058	7	18	.27	202	.04	3	.53	.04	.20	4	<5	<1	3
580-RC1-04	91	815	3	30	.4	8	6	142	1.23	6	<8	<2	<2	54	<.2	<3	<3	30	1.06	.056	8	22	.33	162	.03	6	.47	.05	.18	4	<5	<1	3
580-RC1-05	23	1482	4	49	.6	9	8	145	1.46	2	<8	<2	<2	60	.2	<3	<3	52	.74	.083	10	25	.52	181	.10	4	.68	.06	.39	4	<5	<1	6
580-RC1-06	23	1429	<3	47	.6	10	8	140	1.53	2	<8	<2	<2	50	<.2	<3	<3	57	.61	.084	10	21	.54	149	.11	3	.66	.06	.43	3	<5	<1	6
580-RC1-07	22	498	4	26	.5	7	5	131	1.10	4	<8	<2	<2	60	<.2	<3	<3	25	.79	.050	7	20	.22	139	.03	5	.43	.05	.22	5	<5	<1	3
580-RC1-08	30	485	3	25	<.3	7	5	134	1.11	2	<8	<2	<2	91	<.2	<3	<3	27	1.05	.046	8	19	.36	166	.03	6	.43	.05	.19	4	<5	<1	5
580-RC1-09	24	335	<3	20	<.3	6	4	98	.78	<2	<8	<2	<2	70	<.2	<3	<3	22	.76	.037	5	15	.23	81	.02	4	.34	.04	.17	5	<5	<1	<1
580-RC1-10	39	883	3	41	.3	18	7	190	1.55	3	<8	<2	<2	161	<.2	<3	<3	47	2.22	.048	4	35	.80	171	.02	5	.45	.03	.19	3	<5	<1	7
580-RC1-11	91	546	<3	19	<.3	6	4	103	.89	2	<8	<2	<2	87	<.2	<3	<3	26	1.02	.042	5	14	.31	165	.05	4	.42	.04	.24	5	<5	<1	2
580-RC1-12	64	412	4	21	.3	7	4	118	.87	9	<8	<2	<2	206	<.2	<3	<3	19	2.15	.047	4	13	.42	258	.01	6	.29	.03	.11	4	<5	<1	4
580-RC1-13	17	570	4	22	.4	5	4	97	.95	8	<8	<2	<2	97	<.2	<3	<3	21	1.39	.039	4	12	.42	147	.01	5	.28	.03	.11	4	<5	<1	2
580-RC1-14	24	473	6	24	<.3	5	4	112	1.04	7	<8	<2	<2	107	<.2	<3	<3	20	1.68	.035	4	10	.44	191	.01	7	.34	.03	.12	3	<5	<1	2
580-RC1-15	24	421	4	23	<.3	6	4	104	1.10	2	<8	<2	<2	100	<.2	<3	<3	27	1.35	.047	4	13	.43	160	.02	8	.42	.03	.19	4	<5	<1	1
580-RC1-18	18	353	<3	21	.4	5	4	108	1.03	<2	<8	<2	<2	109	<.2	<3	<3	20	1.63	.046	4	12	.40	147	.01	7	.35	.03	.15	3	<5	<1	2
580-RC1-19	13	458	3	23	.3	4	4	98	1.06	2	<8	<2	<2	163	<.2	<3	<3	16	1.66	.038	3	9	.37	211	<.01	9	.37	.03	.14	3	<5	<1	6
580-RC1-20	41	937	6	27	.7	5	4	89	.90	7	<8	<2	<2	112	.2	<3	<3	16	1.94	.033	2	8	.40	258	<.01	7	.28	.02	.11	4	<5	<1	3
580-RC1-21	96	975	4	37	.6	5	5	91	1.03	7	<8	<2	<2	111	<.2	<3	<3	19	1.53	.036	3	10	.39	195	<.01	10	.32	.02	.11	4	<5	<1	4
580-RC1-22	41	845	4	25	.5	5	4	80	.88	5	<8	<2	<2	99	<.2	<3	<3	18	1.40	.035	3	11	.38	98	<.01	8	.28	.02	.10	4	<5	<1	8
580-RC1-23	54	926	4	39	.5	4	4	81	.95	3	<8	<2	<2	92	<.2	<3	<3	20	1.59	.036	3	13	.35	201	.01	6	.28	.03	.11	5	<5	<1	4
580-RC1-24	52	1009	4	33	.6	5	5	82	1.14	<2	<8	<2	<2	100	.2	<3	<3	24	1.49	.043	3	13	.40	177	.01	8	.38	.03	.14	4	<5	<1	5
580-RC1-25	30	975	4	30	.6	4	4	91	1.03	2	<8	<2	<2	117	<.2	<3	<3	21	2.29	.042	3	11	.49	181	<.01	9	.31	.02	.11	4	<5	<1	4
580-RC1-26	67	772	<3	23	.4	4	4	87	.90	<2	<8	<2	<2	81	.2	<3	<3	15	1.78	.039	3	11	.41	185	<.01	4	.28	.02	.08	3	<5	<1	3
RE 580-RC1-26	66	793	4	23	.4	4	4	87	.92	<2	<8	<2	<2	83	<.2	<3	<3	15	1.82	.041	3	11	.42	191	<.01	6	.29	.03	.09	3	<5	<1	3
580-RC1-27	65	597	4	20	.3	4	2	84	.70	7	<8	<2	<2	77	<.2	<3	<3	10	1.43	.021	1	12	.31	272	<.01	4	.23	.02	.09	5	<5	<1	2
580-RC1-28	74	607	7	21	.5	5	3	63	.52	17	<8	<2	2	71	<.2	3	<3	6	1.16	.010	1	13	.17	398	<.01	5	.21	.02	.07	4	<5	<1	2
580-RC1-29	73	785	3	23	<.3	4	4	76	.86	8	<8	<2	<2	123	<.2	<3	<3	9	1.71	.030	1	10	.31	250	<.01	3	.30	.01	.10	3	<5	<1	4
580-RC2-05	28	1135	3	77	.7	42	17	369	3.49	2	<8	<2	<2	78	.2	<3	<3	144	1.77	.078	6	141	2.48	125	.27	3	2.58	.12	1.01	<2	<5	<1	3
580-RC2-06	32	1308	<3	84	.8	104	18	365	3.40	5	<8	<2	<2	55	.3	<3	<3	142	1.53	.067	5	292	2.52	119	.29	3	2.29	.10	1.17	<2	<5	<1	5
580-RC2-07	21	762	3	30	.6	14	6	97	1.10	2	<8	<2	<2	27	<.2	<3	<3	33	.51	.033	6	32	.44	100	.06	4	.55	.06	.27	4	<5	<1	3
580-RC2-08	40	1040	4	31	.7	14	6	119	1.11	<2	<8	<2	<2	27	<.2	<3	<3	32	.49	.026	6	42	.45	93	.05	4	.54	.06	.26	5	<5	<1	6
580-RC2-09	40	1015	3	23	.5	6	4	56	.75	<2	<8	<2	<2	21	.2	<3	<3	17	.30	.021	5	14	.19	77	.03	3	.31	.06	.16	7	<5	<1	88
580-RC2-10	62	822	4	37	.5	6	6	128	1.37	2	<8	<2	<2	45	<.2	<3	<3	36	1.26	.055	8	13	.40	156	.02	4	.43	.05	.13	4	<5	<1	4
580-RC2-11	97	952	3	32	.5	6	5	75	.92	<2	<8	<2	<2	25	.2	<3	<3	21	.52	.030	5	13	.23	109	.03	3	.36	.05	.19	7	<5	<1	10
STANDARD C3/AU-R	25	66	35	164	5.4	36	12	748	3.37	54	24	<2	17	30	22.6	14	20	80	.59	.084	19	172	.60	143	.10	20	1.90	.04	.16	17	<5	1	474
STANDARD G-1	2	5	3	47	<.3	9	5	574	2.08	<2	<8	<2	3	71	<.2	<3	<3	42	.63	.074	7	94	.65	246	.16	<3	1.02	.06	.48	<2	<5	1	<1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: CUTTING AU** ANALYSIS BY ULTRA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 30 1997 **DATE REPORT MAILED:** Nov 12/97 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Date ___ FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC2-12	20	698	3	35	.5	4	5	102	1.42	<2	<8	<2	<2	35	<.2	<3	<3	38	.91	.065	9	7	.40	215	.06	<3	.56	.05	.34	3	<5	<1	5
580-RC2-13	30	972	34	61	2.0	9	8	162	2.15	<2	<8	<2	2	48	.5	<3	<3	52	1.37	.097	11	16	.57	168	.08	5	.79	.05	.45	5	<5	<1	18
580-RC2-14	14	764	3	47	.5	7	8	204	2.06	2	<8	<2	<2	72	<.2	<3	<3	57	2.06	.089	9	13	.71	171	.05	4	.76	.05	.13	<2	<5	<1	2
580-RC2-15	76	1446	3	41	.7	5	6	99	1.15	<2	<8	<2	<2	39	<.2	<3	<3	30	1.03	.042	6	10	.33	96	.03	3	.47	.05	.19	3	<5	<1	6
580-RC2-16	27	1023	4	27	.6	3	4	60	.73	<2	<8	<2	<2	21	<.2	<3	<3	20	.32	.021	5	10	.25	93	.04	<3	.34	.05	.19	5	<5	<1	9
580-RC2-17	110	1523	3	32	.8	6	5	62	.83	<2	<8	<2	<2	24	<.2	<3	<3	18	.47	.023	5	14	.23	109	.03	4	.32	.05	.17	6	<5	<1	5
RE 580-RC2-17	109	1526	3	31	.8	5	6	64	.81	<2	<8	<2	<2	24	<.2	<3	<3	18	.47	.023	5	13	.23	109	.03	<3	.31	.05	.18	6	<5	<1	4
580-RC2-18	75	1101	3	24	.7	4	4	61	.69	<2	<8	<2	2	34	<.2	<3	<3	16	.55	.022	6	11	.22	134	.02	3	.27	.04	.15	6	<5	<1	1
580-RC2-19	77	865	3	28	.5	5	4	70	.86	<2	<8	<2	<2	52	<.2	<3	<3	21	.58	.027	7	12	.25	127	.03	4	.38	.04	.20	5	<5	<1	14
580-RC2-20	24	773	3	28	.5	3	5	65	.85	<2	<8	<2	<2	81	<.2	<3	<3	20	.62	.028	5	9	.29	133	.03	4	.36	.04	.17	4	<5	<1	6
580-RC2-21	11	739	5	44	<.3	44	9	238	1.66	2	<8	<2	<2	253	<.2	<3	<3	37	3.02	.076	10	38	.64	146	.02	6	.74	.03	.15	2	<5	<1	3
580-RC2-22	4	158	7	79	.4	168	23	536	3.80	6	<8	<2	<2	899	.2	<3	<3	100	4.35	.184	23	157	2.67	159	.05	7	1.61	.04	.15	<2	<5	<1	1
580-RC2-23	24	1270	5	53	.7	13	6	120	1.09	2	<8	<2	<2	175	<.2	<3	<3	28	1.37	.043	8	20	.40	196	.03	5	.52	.05	.23	4	<5	<1	3
580-RC2-24	109	984	<3	42	.5	9	6	101	1.14	<2	<8	<2	2	127	<.2	<3	<3	28	.84	.040	8	12	.37	147	.06	3	.53	.05	.27	4	<5	<1	<1
580-RC2-25	95	1035	5	43	.6	5	5	106	1.15	<2	<8	<2	2	182	<.2	<3	<3	27	1.16	.040	8	11	.37	154	.05	4	.55	.04	.27	3	<5	<1	4
580-RC2-26	32	940	4	38	.5	4	4	81	.98	<2	<8	<2	<2	144	<.2	<3	<3	22	1.00	.034	8	8	.28	144	.04	3	.42	.04	.22	3	<5	1	2
580-RC2-27	146	1128	4	32	.6	5	4	72	.91	<2	<8	<2	<2	109	.2	<3	<3	23	.88	.034	8	11	.24	144	.03	5	.39	.05	.19	3	<5	<1	1
580-RC2-28	99	1397	<3	24	.9	3	4	49	.67	<2	<8	<2	2	83	.2	<3	<3	13	.63	.018	5	10	.16	83	.01	5	.21	.03	.11	4	<5	<1	2
580-RC2-29	71	906	4	28	.6	4	4	67	.82	<2	<8	<2	<2	124	<.2	<3	<3	20	.70	.031	6	11	.22	118	.03	6	.36	.05	.20	3	<5	<1	1
580-RC2-30	181	1219	4	30	.7	3	5	74	.94	<2	<8	<2	<2	225	<.2	<3	<3	24	1.10	.041	6	6	.35	150	.03	4	.40	.04	.21	3	<5	<1	4
580-RC3-03	69	664	5	32	1.1	8	12	111	1.08	<2	<8	<2	2	94	<.2	<3	<3	23	1.05	.029	6	20	.47	215	.04	7	.54	.04	.19	25	<5	<1	2
580-RC3-04	42	605	3	29	.7	4	6	88	1.11	<2	<8	<2	<2	121	<.2	<3	<3	23	.73	.029	5	12	.38	147	.04	4	.58	.04	.22	11	<5	<1	2
580-RC3-05	65	977	3	35	1.0	7	11	96	1.18	<2	<8	<2	<2	128	<.2	<3	<3	23	1.03	.030	7	18	.43	184	.04	6	.57	.04	.21	20	<5	<1	2
580-RC3-06	54	1116	4	39	1.5	5	6	71	1.06	<2	<8	<2	<2	120	.2	<3	<3	21	.83	.029	6	12	.33	175	.03	4	.53	.03	.19	11	<5	<1	4
580-RC3-07	47	741	3	26	.7	5	7	76	1.03	<2	<8	<2	<2	196	<.2	<3	<3	16	1.82	.029	6	12	.43	181	.01	6	.54	.03	.15	10	<5	<1	3
580-RC3-08	151	524	4	24	.5	4	5	97	1.15	<2	<8	<2	<2	112	<.2	<3	<3	20	1.07	.030	7	11	.34	206	.03	4	.52	.04	.19	8	<5	<1	3
580-RC3-09	82	766	5	28	.6	6	8	95	1.07	<2	<8	<2	<2	102	<.2	<3	<3	22	1.02	.035	6	13	.34	220	.04	4	.52	.05	.23	14	<5	<1	3
580-RC3-10	30	554	5	26	.5	4	5	100	1.20	<2	<8	<2	2	89	<.2	<3	<3	24	.98	.036	7	10	.33	172	.04	5	.49	.04	.21	7	<5	<1	5
580-RC3-11	149	612	5	24	.4	5	5	73	.87	<2	<8	<2	<2	100	<.2	<3	<3	18	1.03	.030	5	11	.31	212	.02	5	.42	.04	.16	7	<5	<1	5
580-RC3-12	24	738	4	24	.6	4	4	79	.86	<2	<8	<2	2	113	<.2	<3	<3	18	1.75	.030	5	10	.24	150	.02	7	.38	.04	.15	6	<5	<1	7
580-RC3-13	33	404	4	24	.3	4	4	89	1.12	<2	<8	<2	<2	91	<.2	<3	<3	21	.94	.032	7	12	.28	149	.04	5	.48	.05	.21	7	<5	<1	3
580-RC3-14	48	316	5	25	<.3	4	4	94	1.15	<2	<8	<2	<2	118	<.2	<3	<3	24	.69	.031	6	10	.32	161	.04	3	.49	.05	.23	7	<5	<1	3
580-RC3-15	26	447	4	24	.4	4	4	100	1.09	<2	<8	<2	<2	115	<.2	<3	<3	20	.92	.031	6	9	.29	155	.03	3	.50	.05	.21	6	<5	<1	2
580-RC3-16	32	486	4	24	<.3	4	5	94	1.12	<2	<8	<2	<2	139	<.2	<3	<3	24	.91	.031	7	9	.35	162	.04	3	.54	.05	.23	6	<5	<1	1
580-RC3-17	36	542	5	24	.5	4	4	76	1.06	<2	<8	<2	<2	114	<.2	<3	<3	24	.92	.029	6	11	.30	153	.03	5	.50	.05	.20	5	<5	<1	4
STANDARD C3/AU-R	24	67	37	164	5.6	36	12	746	3.43	58	21	<2	18	30	23.4	14	21	81	.58	.085	19	171	.59	144	.10	20	1.91	.04	.16	17	<5	1	491
STANDARD G-1	2	4	3	47	<.3	9	5	579	2.13	<2	<8	<2	3	69	<.2	<3	<3	42	.61	.074	7	92	.64	254	.16	<3	1.03	.07	.50	<2	<5	<1	1

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

Data FA

ACME ANALYTICAL

Discovery Consultants PROJECT 580 FILE # 97-6436

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC3-18	58	622	5	22	.5	3	4	65	.75	<2	<8	<2	<2	102	<.2	<3	<3	21	.84	.028	4	9	.26	151	.02	3	.41	.04	.16	5	<5	<1	5
580-RC3-19	89	603	8	25	.8	5	5	78	.84	<2	<8	<2	<2	134	<.2	<3	<3	17	1.20	.029	5	12	.22	178	.02	5	.40	.05	.17	6	<5	<1	8
580-RC3-20	29	465	6	23	.4	4	4	68	.89	<2	<8	<2	<2	133	<.2	<3	<3	18	.81	.027	5	7	.25	206	.02	3	.45	.04	.16	5	<5	1	4
580-RC3-21	34	451	7	27	<.3	5	4	75	.85	<2	<8	<2	<2	108	<.2	<3	<3	19	.75	.026	5	9	.25	191	.02	<3	.43	.04	.17	5	<5	<1	3
RE 580-RC3-21	36	445	9	26	.3	4	4	73	.85	<2	<8	<2	<2	106	<.2	<3	<3	19	.74	.025	5	10	.24	188	.02	<3	.42	.04	.16	5	<5	<1	5
580-RC3-22	32	350	6	22	<.3	4	5	75	.94	<2	<8	<2	<2	110	<.2	<3	<3	17	.64	.029	5	9	.24	163	.03	<3	.41	.04	.16	7	<5	<1	2
580-RC3-23	19	269	6	17	.4	5	3	57	.56	<2	<8	<2	<2	90	<.2	3	<3	11	.60	.015	3	11	.13	142	.01	4	.26	.05	.12	6	<5	1	8
580-RC3-24	14	253	4	25	<.3	4	4	96	1.01	<2	<8	<2	<2	106	<.2	<3	<3	24	.67	.046	6	9	.29	146	.04	<3	.41	.04	.19	6	<5	<1	2
580-RC3-25	27	287	4	20	<.3	4	3	81	.81	<2	<8	<2	<2	104	<.2	<3	<3	14	.63	.023	5	11	.18	140	.02	4	.34	.05	.16	6	<5	<1	3
580-RC3-26	28	262	<3	21	.3	4	3	77	.84	<2	<8	<2	<2	54	<.2	<3	<3	16	.40	.022	4	10	.19	111	.03	3	.32	.05	.16	7	<5	<1	2
580-RC3-27	57	368	<3	17	<.3	4	3	64	.52	7	<8	<2	<2	186	<.2	<3	<3	6	1.21	.011	4	10	.07	343	<.01	<3	.18	.03	.08	5	<5	<1	2
580-RC3-28	67	383	4	22	<.3	3	3	78	.84	<2	<8	<2	<2	75	<.2	<3	<3	16	.61	.022	5	8	.21	115	.03	<3	.31	.05	.16	5	<5	<1	2
580-RC3-29	29	318	4	26	.3	5	3	87	.90	<2	<8	<2	<2	70	<.2	<3	<3	15	.56	.021	4	13	.20	136	.02	<3	.31	.05	.15	4	<5	<1	3
580-RC3-30	29	254	5	34	<.3	4	8	55	.65	<2	<8	<2	<2	29	<.2	<3	<3	12	.25	.016	3	9	.15	92	.02	<3	.27	.05	.12	21	<5	<1	2
580-RC3-31	69	479	3	29	<.3	6	11	86	1.14	<2	<8	<2	<2	47	<.2	<3	<3	35	.47	.044	6	11	.40	148	.07	<3	.51	.06	.29	30	<5	1	4
580-RC3-32	13	204	4	29	<.3	4	43	78	.82	<2	<8	<2	<2	28	<.2	<3	<3	15	.26	.020	3	9	.20	93	.03	3	.31	.05	.14	134	<5	<1	<1
580-RC3-33	31	227	3	23	<.3	16	30	86	.83	<2	<8	<2	<2	40	<.2	<3	<3	15	.43	.023	4	13	.17	100	.02	<3	.33	.05	.13	89	<5	<1	2
580-RC3-34	33	264	4	25	<.3	14	5	99	.93	<2	<8	<2	<2	67	<.2	<3	<3	17	.60	.026	5	12	.19	132	.03	<3	.36	.05	.16	17	<5	1	2
STANDARD C3/AU-R	25	64	34	160	5.6	35	12	725	3.22	53	21	<2	18	27	22.5	17	20	76	.55	.082	18	162	.57	143	.09	20	1.78	.04	.14	18	<5	1	481
STANDARD G-1	2	5	<3	49	<.3	9	5	571	2.06	<2	<8	<2	4	63	<.2	<3	<3	40	.58	.074	7	87	.64	262	.15	<3	.99	.06	.49	<2	<5	1	<1

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

Data FA

ACME A[illegible]YTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(60[illegible])253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-6483 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC4-02	7	450	3	18	<.3	4	4	122	1.07	<2	<8	<2	<2	39	<.2	<3	<3	20	.92	.027	6	11	.39	375	.03	<3	.74	.04	.14	5	<5	<1	4
580-RC4-03	17	492	3	22	.3	6	5	113	1.25	<2	<8	<2	<2	19	<.2	<3	<3	25	.22	.033	6	14	.35	228	.04	<3	.59	.06	.22	7	<5	<1	4
580-RC4-04	17	572	4	24	.4	6	4	127	1.31	<2	<8	<2	<2	17	<.2	<3	<3	30	.19	.035	6	16	.36	192	.05	5	.57	.06	.26	7	<5	<1	10
580-RC4-05	19	308	4	21	<.3	7	4	116	1.26	<2	<8	<2	<2	19	<.2	<3	<3	25	.31	.031	6	15	.32	164	.05	<3	.52	.07	.26	10	<5	<1	3
580-RC4-06	9	294	4	20	<.3	5	5	123	1.25	<2	<8	<2	<2	20	<.2	<3	<3	22	.44	.031	6	16	.28	181	.04	<3	.51	.06	.23	11	<5	<1	3
580-RC4-07	16	318	3	22	.3	5	5	119	1.25	<2	<8	<2	<2	23	<.2	<3	<3	21	.46	.031	6	16	.24	189	.04	3	.49	.06	.21	7	<5	<1	3
580-RC4-08	10	332	5	19	.5	5	4	132	1.13	<2	<8	<2	<2	25	<.2	<3	<3	14	.37	.027	5	14	.19	269	.02	4	.41	.05	.19	11	<5	<1	7
580-RC4-09	24	273	3	17	<.3	7	4	89	1.01	<2	<8	<2	<2	19	<.2	<3	<3	17	.30	.024	4	15	.21	159	.03	<3	.39	.06	.18	8	<5	<1	2
580-RC4-10	14	134	4	10	<.3	5	2	78	.64	<2	<8	<2	<2	26	<.2	<3	<3	6	.64	.012	3	12	.05	231	.01	3	.23	.04	.12	8	<5	<1	3
580-RC4-11	14	258	<3	21	<.3	7	5	129	1.40	<2	<8	<2	<2	29	<.2	<3	<3	29	.94	.043	7	14	.36	188	.06	<3	.58	.07	.30	7	<5	<1	3
580-RC4-12	21	727	5	28	.7	10	8	140	1.95	2	<8	<2	<2	28	<.2	<3	<3	48	.47	.079	10	19	.51	232	.09	4	.82	.06	.43	6	<5	<1	13
580-RC4-13	38	435	7	21	.5	6	5	93	1.17	2	<8	<2	<2	26	<.2	<3	<3	19	.48	.032	7	14	.20	287	.02	<3	.46	.06	.21	7	<5	<1	9
580-RC4-14	42	450	5	20	.3	5	4	88	1.07	<2	<8	<2	<2	27	<.2	<3	<3	21	.31	.028	5	15	.23	175	.03	<3	.43	.06	.21	9	<5	<1	3
580-RC4-15	24	375	<3	22	<.3	6	5	82	1.11	<2	<8	<2	<2	29	<.2	<3	<3	22	.34	.031	6	16	.23	160	.03	<3	.44	.07	.19	8	<5	<1	4
580-RC4-16	27	398	5	15	<.3	5	3	87	.80	<2	<8	<2	<2	26	<.2	<3	<3	9	.65	.015	3	15	.08	211	.01	<3	.25	.05	.12	11	<5	<1	5
580-RC4-17	21	278	3	21	<.3	6	4	95	1.11	<2	<8	<2	<2	23	<.2	<3	<3	19	.35	.026	5	14	.23	128	.04	<3	.41	.07	.21	8	<5	<1	3
580-RC4-18	60	389	35	26	.7	5	4	121	1.15	<2	<8	<2	<2	39	<.2	<3	<3	17	.67	.028	6	14	.22	191	.03	4	.41	.06	.20	10	<5	<1	9
580-RC4-19	37	344	4	27	<.3	6	4	149	1.27	<2	<8	<2	<2	39	<.2	<3	<3	21	.69	.029	6	14	.32	171	.04	<3	.47	.07	.23	7	<5	<1	3
580-RC4-20	94	541	4	30	<.3	6	4	130	1.23	<2	<8	<2	<2	34	<.2	<3	<3	22	.56	.031	5	16	.29	148	.05	<3	.47	.07	.25	10	<5	<1	3
580-RC4-21	92	642	5	33	.3	6	4	119	1.14	<2	<8	<2	<2	47	<.2	<3	<3	22	.55	.030	7	16	.28	150	.04	<3	.45	.07	.24	8	<5	<1	7
580-RC4-22	49	391	5	19	<.3	5	2	79	.67	<2	<8	<2	<2	45	<.2	<3	<3	7	.36	.008	4	18	.09	128	.01	<3	.22	.06	.12	11	<5	<1	4
580-RC4-23	31	391	5	22	<.3	5	3	67	.74	<2	<8	<2	<2	38	<.2	<3	<3	11	.50	.014	4	15	.12	170	.01	<3	.28	.06	.14	8	<5	<1	3
RE 580-RC4-23	31	406	6	22	<.3	5	3	70	.78	<2	<8	<2	<2	40	<.2	<3	<3	11	.52	.014	4	18	.12	178	.01	<3	.29	.06	.14	8	<5	<1	4
580-RC4-24	44	458	4	30	<.3	5	4	124	1.23	<2	<8	<2	<2	45	<.2	<3	<3	19	.70	.028	6	17	.25	164	.03	3	.45	.06	.20	10	<5	1	4
580-RC4-25	28	453	4	24	.3	5	5	92	.95	<2	<8	<2	<2	50	<.2	<3	<3	14	.73	.025	6	14	.19	127	.02	<3	.35	.05	.18	6	<5	<1	7
580-RC4-26	50	505	5	26	<.3	6	4	126	1.17	<2	<8	<2	<2	55	<.2	<3	<3	18	.71	.028	7	15	.25	159	.04	<3	.43	.06	.22	9	<5	<1	5
580-RC4-29	44	446	4	25	<.3	6	4	98	1.08	<2	<8	<2	<2	90	<.2	<3	<3	19	.47	.025	5	17	.25	148	.03	<3	.41	.08	.22	9	<5	1	3
580-RC4-30	37	461	4	34	<.3	6	5	124	1.25	<2	<8	<2	<2	54	<.2	<3	<3	22	.37	.029	7	16	.27	99	.05	<3	.43	.07	.22	10	<5	<1	3
580-RC4-31	31	546	5	31	.3	6	5	119	1.30	<2	<8	<2	<2	300	<.2	<3	<3	18	.91	.030	7	18	.26	171	.03	3	.43	.07	.20	8	<5	<1	5
580-RC4-32	46	502	6	29	<.3	5	4	126	1.17	<2	<8	<2	<2	366	<.2	<3	<3	17	.94	.030	8	16	.23	225	.03	<3	.42	.06	.22	10	<5	<1	4
580-RC4-33	40	403	16	29	.6	4	3	103	.87	14	<8	<2	<2	203	.2	17	<3	9	1.26	.023	5	11	.21	394	<.01	5	.30	.03	.15	4	<5	<1	4
580-RC4-34	26	438	78	33	1.1	4	4	85	.85	11	<8	<2	<2	135	.5	23	<3	13	.88	.026	5	13	.17	412	.01	5	.36	.04	.18	7	<5	<1	5
580-RC4-35	41	366	38	24	.4	5	4	80	.93	3	<8	<2	<2	105	<.2	8	<3	15	.87	.027	5	14	.19	318	.01	<3	.35	.06	.18	6	<5	<1	4
580-RC4-36	44	444	7	20	.3	4	4	76	.89	<2	<8	<2	<2	106	<.2	<3	<3	12	.87	.025	5	14	.14	227	.01	<3	.32	.05	.12	6	<5	<1	4
580-RC4-37	57	183	7	17	<.3	4	3	57	.54	<2	<8	<2	<2	83	<.2	<3	<3	6	.68	.010	2	14	.14	433	<.01	<3	.20	.05	.10	7	<5	<1	<1
STANDARD C3/AU-R	25	68	35	171	5.7	37	13	772	3.46	58	22	<2	18	30	24.0	18	20	82	.60	.086	19	173	.62	146	.10	20	1.95	.04	.16	17	<5	1	478
STANDARD G-1	3	5	3	50	<.3	9	6	608	2.21	<2	<8	<2	3	71	<.2	<3	<3	43	.64	.077	8	97	.68	262	.16	<3	1.08	.07	.52	<2	<5	<1	3

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: CUTTING AU** ANALYSIS BY ULTRA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 31 1997 DATE REPORT MAILED: Nov 12/97 SIGNED BY [illegible] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data [illegible] FA [illegible]

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC4-38	62	459	10	27	<.3	5	6	89	1.16	2	<8	<2	<2	104	<.2	<3	<3	14	.90	.028	6	15	.21	250	.01	5	.38	.06	.15	8	<5	<1	3
580-RC4-39	28	346	5	20	<.3	4	5	76	.94	<2	<8	<2	<2	101	<.2	<3	<3	11	.94	.023	4	12	.17	261	.01	4	.28	.05	.13	4	<5	<1	4
580-RC4-40	34	431	7	22	.3	4	5	96	1.04	2	<8	<2	<2	98	<.2	<3	<3	13	1.17	.026	5	15	.21	269	.01	3	.32	.05	.15	6	<5	<1	4
580-RC5-03	23	241	8	15	.4	5	5	129	.90	<2	<8	<2	<2	24	<.2	<3	<3	14	.27	.024	6	13	.11	499	.01	3	.39	.05	.16	4	<5	<1	4
580-RC5-04	26	335	6	17	<.3	4	4	117	.95	<2	<8	<2	<2	21	<.2	<3	<3	14	.12	.020	5	13	.11	385	.02	3	.37	.06	.15	6	<5	<1	2
580-RC5-05	14	213	6	15	<.3	5	4	105	.90	<2	<8	<2	<2	21	<.2	<3	<3	15	.24	.023	5	11	.14	355	.02	<3	.41	.06	.16	4	<5	<1	3
580-RC5-06	43	355	4	16	.4	4	4	134	.92	<2	<8	<2	<2	21	<.2	<3	<3	16	.26	.023	7	12	.17	303	.02	4	.42	.06	.17	5	<5	<1	5
580-RC5-07	35	227	3	16	<.3	4	3	91	.87	<2	<8	<2	<2	18	<.2	<3	<3	17	.23	.021	4	11	.20	200	.03	<3	.41	.07	.19	5	<5	<1	<2
580-RC5-08	44	367	7	18	.5	4	4	111	.97	<2	<8	<2	<2	23	<.2	<3	<3	17	.43	.024	6	12	.18	297	.03	4	.39	.06	.19	7	<5	1	4
580-RC5-09	41	427	6	23	<.3	6	5	107	1.07	<2	<8	<2	<2	23	<.2	<3	<3	20	.48	.029	6	15	.21	229	.03	<3	.40	.07	.20	6	<5	<1	5
580-RC5-10	69	475	5	17	.5	4	4	96	.90	<2	<8	<2	<2	34	<.2	<3	<3	17	.61	.022	7	13	.20	302	.03	<3	.37	.07	.20	7	<5	1	7
580-RC5-11	42	465	4	22	.4	6	5	95	1.07	<2	<8	<2	<2	28	<.2	<3	3	21	.43	.027	6	17	.24	221	.04	<3	.44	.08	.24	8	<5	<1	6
580-RC5-12	69	416	5	27	1.0	5	4	129	1.24	2	<8	<2	<2	49	<.2	5	<3	23	.86	.031	7	16	.26	256	.04	<3	.47	.07	.25	9	<5	1	9
580-RC5-13	35	180	4	20	<.3	5	4	104	1.12	<2	<8	<2	<2	68	<.2	<3	<3	20	.97	.029	6	14	.24	209	.04	<3	.45	.06	.20	6	<5	<1	2
580-RC5-14	31	239	3	20	<.3	4	4	109	1.10	<2	<8	<2	<2	87	<.2	<3	<3	19	1.22	.027	7	14	.22	213	.03	<3	.43	.06	.19	8	<5	1	2
580-RC5-15	40	261	5	20	.3	5	4	108	.94	<2	<8	<2	<2	78	<.2	<3	<3	14	1.67	.028	5	12	.19	279	.02	<3	.35	.05	.16	5	<5	<1	4
580-RC5-16	87	398	5	22	.3	6	5	115	1.12	<2	<8	<2	<2	89	<.2	<3	<3	19	.80	.030	7	17	.22	240	.03	3	.42	.07	.21	8	<5	<1	5
580-RC5-17	62	577	4	21	.6	6	5	94	1.11	<2	<8	<2	<2	205	<.2	<3	<3	20	.88	.029	7	12	.23	247	.03	5	.42	.06	.19	8	<5	<1	6
580-RC5-18	43	325	5	17	<.3	5	5	119	1.14	2	<8	<2	<2	65	<.2	<3	<3	15	.94	.028	7	13	.16	291	.02	<3	.42	.05	.16	7	<5	<1	4
RE 580-RC5-18	42	316	5	18	<.3	5	5	110	1.11	<2	<8	<2	<2	63	<.2	<3	<3	15	.91	.027	6	14	.15	283	.02	<3	.40	.05	.15	7	<5	1	4
580-RC5-19	94	445	7	21	.6	5	4	106	1.09	3	<8	<2	<2	70	<.2	3	<3	12	1.10	.028	6	11	.13	323	.01	5	.36	.04	.15	5	<5	<1	6
580-RC5-20	45	303	5	22	.3	5	4	125	1.26	<2	<8	<2	<2	88	<.2	<3	<3	15	1.36	.030	6	14	.21	339	.02	3	.44	.05	.17	6	<5	1	5
580-RC5-21	105	309	5	27	<.3	5	4	103	1.07	<2	<8	<2	<2	77	<.2	<3	<3	16	1.18	.025	7	15	.23	269	.02	<3	.35	.05	.16	6	<5	<1	4
580-RC5-22	110	535	5	29	.4	7	6	124	1.34	2	<8	<2	<2	103	<.2	<3	<3	18	1.36	.031	7	17	.25	309	.02	4	.44	.06	.18	9	<5	<1	15
580-RC5-23	71	328	5	26	<.3	5	4	100	1.05	<2	<8	<2	<2	132	<.2	<3	<3	15	1.17	.025	6	12	.24	257	.02	<3	.33	.05	.15	5	<5	<1	5
580-RC5-24	49	264	5	19	.4	5	4	128	1.11	2	<8	<2	<2	148	<.2	<3	<3	13	1.47	.027	6	14	.29	364	.01	6	.36	.05	.14	7	<5	1	3
580-RC5-25	42	209	4	23	.3	5	4	109	1.04	<2	<8	<2	<2	336	<.2	<3	<3	17	1.01	.028	7	14	.24	286	.02	5	.37	.06	.19	6	<5	<1	5
580-RC5-26	23	234	3	19	<.3	5	4	134	1.28	2	<8	<2	<2	191	<.2	<3	<3	18	.91	.031	8	14	.27	223	.03	3	.39	.06	.19	8	<5	1	3
580-RC5-27	30	194	<3	19	<.3	5	4	119	1.15	<2	<8	<2	<2	136	<.2	<3	<3	13	1.24	.028	7	14	.28	394	.01	4	.33	.06	.16	6	<5	<1	3
580-RC5-28	35	303	4	17	<.3	5	4	86	.88	<2	<8	<2	<2	100	<.2	<3	<3	8	.87	.018	5	14	.16	391	<.01	3	.26	.05	.12	9	<5	<1	2
580-RC5-29	75	307	5	25	<.3	5	5	110	1.13	2	<8	<2	<2	117	<.2	<3	<3	12	1.93	.025	4	11	.38	312	<.01	5	.30	.04	.12	5	<5	1	4
580-RC5-30	69	184	7	21	<.3	4	4	159	1.22	<2	<8	<2	<2	149	<.2	<3	<3	11	2.54	.024	5	11	.44	336	<.01	3	.32	.04	.12	6	<5	<1	5
580-RC5-31	22	308	4	29	.3	5	5	106	1.09	<2	<8	<2	<2	89	<.2	<3	<3	14	1.41	.027	6	13	.32	312	.01	4	.32	.05	.15	5	<5	1	3
580-RC5-32	17	176	3	17	<.3	4	4	129	1.17	<2	<8	<2	<2	107	<.2	<3	<3	14	1.49	.028	7	14	.31	329	.01	6	.33	.05	.12	6	<5	<1	2
580-RC5-33	31	236	5	21	.3	5	4	111	1.07	<2	<8	<2	<2	109	<.2	<3	<3	13	1.33	.028	7	11	.31	411	<.01	5	.34	.05	.13	5	<5	1	2
STANDARD C3/AU-R	26	63	33	166	5.7	36	12	757	3.39	57	21	<2	18	30	23.0	18	21	82	.58	.084	19	171	.59	142	.10	19	1.88	.04	.17	18	<5	1	468
STANDARD G-1	2	5	4	49	<.3	9	5	601	2.19	<2	<8	<2	3	73	<.2	<3	<3	44	.64	.079	8	97	.66	259	.16	<3	1.06	.07	.52	<2	<5	1	2

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

Data [illegible] FA [illegible]

Discovery Consultants PROJECT 580 FILE # 97-6483

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC5-34	81	232	15	18	<.3	4	4	111	1.06	<2	<8	<2	<2	102	<.2	<3	<3	11	.96	.026	6	12	.25	411	.01	3	.33	.04	.15	7	<5	<1	6
580-RC5-35	41	180	13	19	<.3	5	3	90	1.02	<2	<8	<2	<2	105	<.2	<3	<3	12	.88	.025	6	13	.28	392	.01	4	.31	.05	.12	4	<5	1	4
RE 580-RC5-35	43	183	12	20	<.3	5	3	98	1.06	<2	<8	<2	<2	108	<.2	<3	<3	13	.90	.026	6	14	.29	407	.01	<3	.31	.05	.12	4	<5	1	3

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-6537 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC1-16	56	455	3	28	<.3	7	6	131	1.20	3	<8	<2	<2	113	<.2	<3	<3	31	1.60	.057	6	14	.38	192	.01	7	.49	.05	.16	3	<5	<1	4
580-RC1-17	66	374	4	25	<.3	7	5	103	1.05	3	<8	<2	<2	122	<.2	<3	<3	27	1.86	.042	4	14	.41	191	.01	7	.41	.03	.13	2	<5	<1	<2
580-RC1-30	95	1051	8	23	.8	5	5	108	.89	8	<8	<2	<2	111	.2	<3	<3	13	1.97	.030	2	13	.39	268	<.01	8	.31	.02	.11	4	<5	<1	4
580-RC2-03	55	1511	5	48	.7	20	11	253	1.96	3	<8	<2	<2	61	.2	<3	<3	53	1.08	.053	7	38	.74	197	.07	8	1.10	.04	.28	2	<5	<1	15
580-RC2-04	33	1992	4	91	.8	46	21	435	3.89	4	<8	<2	<2	51	.6	<3	<3	137	1.06	.101	9	88	2.01	215	.30	4	1.98	.06	.94	2	<5	1	9
580-RC4-27	131	375	3	19	.3	4	4	94	.89	<2	<8	<2	<2	62	<.2	<3	<3	14	.88	.023	6	13	.18	169	.02	3	.34	.05	.17	5	<5	<1	5
580-RC4-28	40	324	5	22	<.3	3	4	101	1.07	<2	<8	<2	<2	75	<.2	<3	<3	17	.75	.022	7	10	.21	133	.03	3	.39	.06	.19	6	<5	<1	3
580-RC7-03	9	201	7	65	<.3	43	22	640	3.97	18	<8	<2	<2	108	.3	<3	<3	106	2.67	.095	6	55	.90	49	.20	<3	2.70	.12	.17	2	<5	<1	4
580-RC7-26	4	222	7	50	<.3	19	22	351	4.24	5	<8	<2	<2	92	.3	<3	<3	135	2.09	.107	5	24	1.07	28	.24	<3	2.27	.20	.22	3	<5	<1	2
580-RC7-28	7	206	14	44	.3	30	22	355	3.81	5	<8	<2	<2	103	.4	<3	<3	116	1.86	.111	7	46	.89	26	.21	<3	1.84	.18	.17	2	<5	<1	2
580-RC7-29	6	198	5	49	<.3	25	19	415	3.95	6	<8	<2	<2	94	.3	<3	<3	115	2.22	.122	7	45	1.08	26	.22	<3	2.14	.16	.20	2	<5	1	<2
580-RC7-30	2	174	6	35	<.3	13	20	240	3.18	5	<8	<2	<2	51	.2	<3	<3	69	1.67	.117	8	17	.50	32	.17	<3	.93	.09	.10	13	<5	1	<2
580-RC7-31	1	115	6	35	<.3	11	13	287	2.92	7	<8	<2	<2	58	<.2	<3	<3	83	1.58	.129	8	16	.65	28	.18	<3	1.24	.11	.12	4	<5	<1	<2
580-RC7-33	4	129	9	30	.3	37	18	308	2.51	6	<8	<2	<2	249	.2	<3	<3	97	2.62	.088	3	67	.92	36	.16	<3	2.99	.30	.17	<2	<5	<1	3
580-RC7-34	2	117	<3	24	<.3	42	19	305	2.42	3	<8	<2	<2	330	<.2	<3	<3	97	2.93	.076	2	81	1.00	41	.16	3	3.43	.37	.18	<2	<5	<1	<2
580-RC7-35	10	132	9	33	.3	33	20	319	2.57	2	<8	<2	<2	371	.2	<3	<3	101	3.15	.085	2	65	.93	31	.16	4	3.61	.43	.19	2	<5	<1	<2
580-RC7-36	2	68	<3	27	<.3	25	16	282	2.45	2	<8	<2	<2	334	.2	<3	<3	108	3.19	.057	2	69	.99	44	.18	3	4.13	.48	.32	2	<5	<1	<2
580-RC7-37	5	80	<3	28	<.3	24	16	276	2.45	2	<8	<2	<2	291	<.2	<3	<3	103	2.98	.068	3	67	.96	51	.18	3	3.79	.45	.30	<2	<5	<1	<2
580-RC7-38	2	31	<3	23	<.3	10	8	167	1.98	2	<8	<2	<2	193	<.2	<3	<3	66	1.91	.099	6	28	.59	25	.16	3	1.98	.24	.11	3	<5	<1	<2
580-RC7-39	3	76	<3	26	<.3	27	16	296	2.40	2	<8	<2	<2	350	.2	<3	<3	101	3.20	.059	2	65	1.03	52	.18	3	4.37	.53	.31	<2	<5	<1	<2
580-RC7-40	2	55	<3	24	<.3	17	10	231	2.31	2	<8	<2	<2	292	.4	<3	<3	83	2.29	.090	5	37	.79	37	.17	<3	2.30	.30	.14	2	<5	<1	2
RE 580-RC7-40	1	53	3	24	<.3	17	10	224	2.24	2	<8	<2	<2	288	.4	<3	<3	81	2.25	.089	4	37	.77	37	.16	<3	2.25	.29	.13	2	<5	<1	<2
580-RC8-04	7	102	4	59	.3	21	9	237	1.97	7	<8	<2	<2	40	.3	<3	<3	55	.61	.061	5	29	.53	74	.11	4	1.26	.08	.17	2	<5	1	<2
580-RC8-05	6	111	3	79	<.3	30	13	289	2.44	6	<8	<2	<2	58	.4	<3	<3	79	1.02	.075	5	49	.71	83	.16	<3	1.67	.11	.22	2	<5	<1	<2
580-RC8-06	8	149	3	81	<.3	54	20	357	3.34	9	<8	<2	<2	72	.3	<3	<3	119	1.95	.086	4	101	1.50	77	.25	<3	2.66	.14	.37	<2	<5	<1	<2
580-RC8-07	13	154	4	92	<.3	55	22	382	3.54	8	<8	<2	<2	90	.4	<3	<3	132	2.25	.078	3	112	1.60	108	.26	<3	3.04	.17	.50	<2	<5	1	<2
580-RC8-10	5	297	<3	91	<.3	45	22	323	3.65	7	<8	<2	<2	65	.5	<3	<3	98	1.59	.096	6	65	.99	49	.24	<3	1.60	.14	.23	5	<5	1	3
580-RC8-11	50	295	19	113	.6	62	21	413	3.40	8	<8	<2	<2	201	.5	<3	<3	116	2.80	.099	5	115	1.28	92	.22	<3	2.67	.24	.34	2	<5	<1	<2
580-RC8-13	11	323	4	148	.3	46	16	287	3.12	7	<8	<2	<2	80	.7	<3	<3	75	1.65	.106	7	62	.69	40	.19	<3	1.48	.15	.16	3	<5	<1	<2
580-RC8-14	17	260	4	136	<.3	66	22	343	3.34	19	<8	<2	<2	142	.5	<3	<3	102	2.14	.095	6	117	1.14	120	.23	<3	2.72	.24	.36	2	<5	<1	<2
580-RC8-15	11	256	3	84	<.3	54	17	266	2.87	13	<8	<2	<2	169	.4	<3	<3	82	2.38	.110	7	79	.95	51	.19	<3	3.02	.31	.24	2	<5	<1	4
580-RC8-16	6	324	<3	80	<.3	25	16	247	3.29	3	<8	<2	<2	73	.3	<3	<3	85	1.51	.101	7	31	.85	34	.21	<3	1.51	.15	.15	4	<5	<1	3
580-RC8-17	15	412	<3	129	.4	29	21	291	3.69	7	<8	<2	<2	60	.7	<3	<3	99	1.61	.092	7	38	.92	26	.24	<3	1.30	.12	.17	3	<5	<1	2
580-RC8-18	5	228	3	125	.3	39	13	301	2.87	8	<8	<2	<2	111	.6	<3	<3	73	3.39	.114	5	68	.67	22	.18	<3	2.03	.24	.11	4	<5	<1	<2
580-RC8-19	16	575	<3	171	.5	68	23	331	4.02	5	<8	<2	<2	333	.8	<3	<3	92	3.89	.147	7	131	.71	28	.18	<3	3.39	.42	.14	2	<5	<1	<2
STANDARD C3/AU-R	27	65	35	166	5.5	36	12	740	3.37	56	20	<2	18	30	23.3	15	22	80	.58	.085	20	171	.60	142	.10	18	1.91	.04	.15	17	<5	<1	498
STANDARD G-1	2	4	3	48	<.3	9	5	589	2.20	<2	<8	<2	4	73	<.2	<3	<3	44	.63	.076	8	106	.67	260	.16	3	1.08	.07	.51	<2	<5	<1	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: CUTTING AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
<u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>

DATE RECEIVED: NOV 4 1997 **DATE REPORT MAILED:** Nov 13/97 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC8-20	10	376	<3	184	.4	59	20	349	3.17	<2	<8	<2	<2	357	.7	<3	<3	95	4.14	.164	10	139	.76	40	.20	5	3.86	.47	.15	4	<5	<1	6
580-RC8-21	7	190	<3	123	<.3	56	15	309	2.53	<2	<8	<2	<2	421	.7	<3	<3	95	4.24	.151	9	139	.83	31	.19	4	3.97	.45	.15	2	<5	<1	<2
580-RC8-22	8	199	4	159	.3	55	16	344	2.83	<2	<8	<2	<2	421	.7	<3	<3	98	3.58	.153	10	132	.94	33	.21	3	3.30	.42	.15	2	<5	<1	<2
580-RC8-23	2	109	<3	122	<.3	10	7	238	2.07	<2	<8	<2	<2	173	.4	<3	<3	51	1.52	.098	6	22	.59	31	.11	<3	1.01	.11	.07	4	<5	1	<2
580-RC8-24	6	81	<3	73	<.3	8	7	233	2.05	<2	<8	<2	<2	219	.2	<3	<3	59	1.66	.098	7	18	.58	50	.12	3	.95	.09	.11	3	<5	1	<2
580-RC8-25	36	82	3	58	<.3	6	6	174	1.89	<2	<8	<2	<2	59	.2	<3	<3	54	.72	.081	8	13	.57	88	.14	<3	.69	.08	.18	5	<5	1	<2
580-RC8-26	25	102	4	54	<.3	5	5	170	1.80	<2	<8	<2	<2	54	<.2	<3	<3	49	.69	.074	8	15	.54	75	.12	<3	.69	.07	.14	6	<5	<1	<2
580-RC8-27	18	110	4	90	<.3	6	5	179	1.75	2	<8	<2	<2	73	.3	<3	<3	54	.76	.078	8	13	.61	86	.16	<3	.76	.08	.16	5	<5	<1	4
580-RC8-28	13	162	4	60	<.3	7	6	197	1.94	2	<8	<2	<2	67	.2	<3	<3	55	.89	.081	9	15	.71	89	.15	<3	.86	.08	.19	6	<5	1	<2
580-RC8-30	9	91	3	47	<.3	7	6	182	1.99	<2	<8	<2	<2	61	<.2	<3	<3	54	.77	.079	10	14	.57	99	.13	<3	.73	.08	.21	5	<5	1	6
RE 580-RC8-30	9	93	<3	46	<.3	7	7	183	1.98	<2	<8	<2	<2	61	<.2	<3	<3	55	.76	.080	10	13	.57	98	.13	<3	.74	.08	.21	6	<5	1	2
580-RC8-31	6	91	4	85	<.3	6	6	201	2.01	<2	<8	<2	<2	82	.2	<3	<3	54	.98	.085	10	13	.62	97	.14	3	.95	.07	.18	6	<5	<1	5
580-RC8-32	29	260	<3	108	.3	17	12	379	3.31	5	<8	<2	<2	96	.4	<3	<3	102	2.39	.122	11	30	1.03	50	.22	<3	1.71	.15	.19	3	<5	<1	6
580-RC8-36	18	136	<3	43	<.3	6	7	186	1.95	<2	<8	<2	<2	57	.2	<3	<3	46	1.05	.077	9	12	.57	29	.12	<3	.98	.08	.11	6	<5	<1	2
580-RC8-38	20	496	4	147	.5	12	17	261	3.55	<2	<8	<2	<2	134	.7	<3	<3	86	1.98	.118	8	19	.75	20	.19	3	1.83	.18	.12	5	<5	<1	7
580-RC8-39	14	573	4	236	.5	31	22	444	4.28	4	<8	<2	<2	155	1.1	<3	<3	150	2.76	.137	7	66	1.26	44	.27	<3	2.40	.26	.39	2	<5	1	<2
STANDARD C3/AU-R	25	64	36	166	5.6	37	12	746	3.36	54	20	<2	16	30	23.6	15	21	81	.59	.085	20	170	.60	144	.10	20	1.93	.04	.16	17	<5	1	535
STANDARD G-1	1	3	3	47	<.3	9	5	589	2.16	<2	<8	<2	2	72	<.2	<3	<3	44	.64	.077	8	104	.66	256	.16	3	1.07	.07	.51	<2	<5	1	3

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-6509 Page 1

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC6-03	383	967	5	121	.9	15	20	502	5.23	<2	<8	<2	<2	41	.8	<3	<3	192	1.40	.062	5	36	1.77	81	.23	4	1.72	.09	.70	9	<5	<1	5
580-RC6-04	66	787	<3	99	.5	11	13	393	3.60	3	<8	<2	<2	34	.5	<3	<3	151	1.58	.088	7	27	1.51	110	.21	3	1.44	.08	.63	4	<5	<1	4
580-RC6-05	57	562	<3	70	.4	11	11	253	2.66	3	<8	<2	<2	32	.6	<3	<3	101	.95	.078	7	18	.97	82	.15	<3	.99	.07	.44	8	<5	<1	5
580-RC6-06	25	393	<3	96	.4	50	18	427	3.67	<2	<8	<2	<2	59	.9	<3	4	132	1.80	.093	7	120	2.03	113	.22	<3	1.67	.10	.67	3	<5	1	<2
580-RC6-07	113	932	<3	138	.5	20	18	454	4.09	5	<8	<2	<2	50	1.0	<3	3	167	1.12	.081	5	42	2.02	104	.28	5	1.99	.12	1.06	4	<5	<1	3
580-RC6-08	17	559	<3	89	.4	14	14	343	3.19	3	<8	<2	<2	52	<.2	<3	<3	147	.75	.066	6	25	1.55	125	.26	<3	1.59	.11	.86	4	<5	<1	2
580-RC6-09	62	545	<3	73	.3	16	19	325	3.59	<2	<8	<2	<2	48	.5	<3	<3	135	.86	.068	7	34	1.52	116	.23	<3	1.39	.09	.77	5	<5	<1	3
580-RC6-10	86	667	4	109	.7	13	19	469	5.23	2	<8	<2	<2	112	.9	<3	5	177	2.52	.069	7	19	1.60	74	.14	<3	2.12	.06	.88	3	<5	<1	3
580-RC6-11	22	605	3	95	.7	28	20	431	4.45	4	<8	<2	<2	201	.7	<3	<3	167	2.47	.063	7	56	1.51	87	.18	4	1.93	.16	.92	4	<5	<1	4
580-RC6-12	51	381	5	98	<.3	12	13	425	3.23	4	<8	<2	<2	154	.6	<3	<3	107	3.15	.059	7	15	1.53	85	.10	7	1.69	.04	.76	2	<5	<1	2
580-RC6-13	59	350	3	48	.3	4	8	197	1.88	2	<8	<2	<2	515	.4	<3	<3	49	2.19	.069	9	14	.70	109	.05	<3	.82	.04	.28	5	<5	<1	2
580-RC6-14	49	340	3	45	<.3	6	8	161	1.76	<2	<8	<2	<2	188	.3	<3	<3	50	1.28	.073	10	15	.67	117	.08	<3	.92	.05	.36	6	<5	<1	2
580-RC6-15	78	322	<3	49	.3	7	8	175	1.85	2	<8	<2	<2	62	<.2	<3	4	62	.55	.075	8	17	.78	133	.13	<3	.87	.06	.40	6	<5	<1	<2
580-RC6-16	59	350	4	42	<.3	6	7	159	1.58	<2	<8	<2	<2	99	<.2	<3	3	52	.61	.067	9	14	.74	155	.09	<3	.87	.06	.36	4	<5	<1	3
580-RC6-17	186	887	3	93	.6	10	15	442	3.62	4	<8	<2	<2	371	.8	<3	<3	131	3.45	.061	8	12	1.23	80	.06	3	1.43	.05	.37	2	<5	<1	2
580-RC6-18	103	1681	<3	155	1.3	17	25	603	5.27	6	<8	<2	<2	319	1.4	<3	5	179	3.84	.066	6	17	1.48	43	.10	5	1.80	.12	.30	3	<5	<1	6
580-RC6-20	64	426	<3	54	.3	6	10	241	1.99	38	<8	<2	<2	454	.3	<3	<3	52	3.07	.076	6	9	1.06	100	.02	<3	.86	.03	.16	3	<5	<1	6
580-RC6-21	60	353	<3	47	.4	6	8	203	1.64	3	<8	<2	<2	220	.2	<3	<3	47	1.52	.067	9	13	.57	108	.07	<3	.84	.04	.32	4	<5	1	<2
RE 580-RC6-21	62	363	<3	49	.3	5	9	207	1.68	<2	<8	<2	2	222	.4	<3	<3	48	1.55	.068	9	13	.58	108	.07	<3	.87	.05	.32	4	<5	<1	<2
580-RC6-23	246	919	<3	97	.6	13	20	590	4.82	3	<8	<2	<2	137	1.0	<3	4	174	3.45	.051	6	25	1.33	88	.09	7	1.78	.08	.58	2	<5	<1	5
580-RC6-24	116	971	<3	112	.6	18	21	561	5.29	<2	<8	<2	<2	124	.8	<3	<3	190	2.44	.050	6	45	1.54	69	.16	<3	2.00	.10	.85	3	<5	<1	2
580-RC6-25	88	709	<3	90	.3	12	16	397	3.73	<2	<8	<2	<2	87	1.0	<3	<3	131	1.73	.040	5	24	1.03	69	.11	<3	1.46	.07	.48	3	<5	1	3
580-RC6-26	47	720	<3	84	.4	13	20	470	5.33	<2	<8	<2	<2	99	1.0	<3	<3	196	2.23	.052	6	16	1.01	102	.11	3	1.64	.10	.44	2	<5	<1	<2
580-RC6-27	101	1008	<3	98	.4	14	17	445	4.17	2	<8	<2	<2	102	1.0	<3	<3	145	2.52	.060	9	24	1.02	72	.09	4	1.62	.06	.53	2	<5	1	<2
580-RC6-28	148	942	<3	95	.6	13	19	477	4.29	3	<8	<2	<2	111	.9	<3	5	151	2.18	.064	7	24	1.31	80	.11	6	1.68	.08	.48	3	<5	<1	3
580-RC6-29	83	847	<3	100	.5	14	17	531	4.79	2	<8	<2	<2	100	.9	<3	4	187	1.82	.047	5	31	1.67	95	.16	<3	1.77	.09	.48	2	<5	<1	4
580-RC6-30	39	535	<3	74	.6	43	21	490	3.97	10	<8	<2	2	289	.5	<3	4	130	5.15	.079	5	61	1.31	31	.16	13	3.99	.05	.22	<2	<5	1	2
580-RC6-31	19	174	<3	52	<.3	49	17	463	3.12	7	<8	<2	<2	166	.6	<3	<3	116	4.00	.079	4	90	1.61	24	.23	9	3.78	.08	.16	<2	<5	<1	<2
580-RC6-32	37	222	<3	77	<.3	19	18	471	3.80	10	<8	<2	<2	149	.6	<3	<3	137	3.75	.121	8	29	1.37	41	.29	6	3.45	.09	.15	<2	<5	<1	2
580-RC6-33	12	261	<3	58	.3	17	17	402	3.94	7	<8	<2	<2	107	.8	<3	<3	116	1.72	.093	6	23	1.12	49	.28	9	2.01	.09	.18	2	<5	1	<2
580-RC6-34	44	269	8	57	.4	33	18	410	3.73	4	<8	<2	<2	113	.8	<3	4	105	2.09	.088	6	54	1.30	77	.28	3	2.21	.08	.23	<2	<5	<1	3
580-RC6-35	18	228	3	43	<.3	33	14	327	3.37	6	<8	<2	<2	115	<.2	<3	4	101	2.96	.069	6	57	1.07	54	.21	5	2.90	.10	.22	2	<5	<1	<2
580-RC6-36	13	139	4	46	<.3	41	20	398	3.57	8	<8	<2	<2	138	.7	<3	8	132	3.18	.075	5	79	1.57	52	.25	7	3.51	.13	.24	<2	<5	<1	3
580-RC6-37	13	219	3	52	<.3	51	24	424	3.99	16	<8	<2	<2	112	.7	<3	<3	133	3.02	.080	6	88	1.70	40	.28	4	3.29	.12	.27	<2	<5	<1	2
580-RC6-38	23	160	17	84	<.3	149	25	373	3.34	9	<8	<2	<2	95	.3	3	<3	104	1.94	.086	5	213	1.91	101	.26	4	2.44	.13	.37	3	<5	<1	<2
STANDARD C3/AU-R	26	68	35	173	5.6	35	14	759	3.50	56	18	2	18	30	23.2	16	25	84	.60	.085	19	178	.62	155	.10	18	1.91	.04	.16	21	<5	1	484
STANDARD G-1	2	4	<3	49	<.3	10	5	572	2.16	2	<8	<2	4	73	<.2	<3	<3	44	.63	.076	8	104	.66	259	.15	<3	1.06	.07	.49	<2	<5	<1	<2

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: CUTTING AU** ANALYSIS BY FA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 3 1997 **DATE REPORT MAILED:** Nov 13/97 **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

Discovery Consultants PROJECT 580 FILE # 97-6509

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC6-39	8	209	<3	51	<.3	44	19	400	4.15	7	<8	<2	<2	81	.4	<3	4	145	2.48	.087	4	66	1.42	61	.29	10	2.58	.15	.26	3	<5	<1	9
580-RC6-40	14	218	<3	56	.4	35	20	492	4.09	4	<8	<2	<2	81	.3	<3	<3	132	2.75	.093	4	59	1.32	79	.26	6	2.66	.17	.22	2	<5	<1	6
580-RC7-04	13	163	<3	44	.5	57	19	475	4.09	7	<8	<2	<2	54	<.2	<3	4	89	3.10	.124	7	79	1.00	39	.24	<3	1.36	.10	.18	2	<5	<1	5
580-RC7-05	3	155	6	70	.3	35	24	435	3.75	<2	<8	<2	<2	203	.3	<3	<3	138	3.06	.118	5	40	1.21	33	.23	6	3.16	.56	.27	4	<5	1	3
580-RC7-06	5	246	8	54	.3	17	30	348	4.24	<2	<8	<2	<2	181	.3	<3	<3	177	3.25	.115	5	32	1.18	34	.23	<3	3.54	.52	.31	2	<5	<1	3
580-RC7-07	2	174	<3	55	<.3	15	21	410	4.13	<2	<8	<2	<2	130	.7	<3	7	174	2.91	.125	5	28	1.13	16	.24	<3	2.82	.39	.27	3	<5	1	3
580-RC7-08	2	193	9	56	.6	16	21	447	4.16	3	<8	<2	<2	214	.2	<3	<3	176	3.71	.135	6	28	1.07	22	.24	<3	3.54	.45	.24	2	<5	<1	5
580-RC7-09	4	201	6	54	<.3	34	23	383	4.01	2	<8	<2	<2	132	.2	<3	<3	126	2.51	.109	6	35	1.22	33	.23	<3	2.69	.37	.25	4	<5	<1	2
580-RC7-10	3	273	5	46	.3	20	28	391	3.88	<2	<8	<2	<2	144	.3	<3	<3	136	2.97	.134	5	21	.69	18	.19	<3	2.38	.36	.16	3	<5	1	2
580-RC7-11	4	232	5	40	<.3	16	19	300	3.67	<2	<8	<2	<2	168	.4	<3	<3	126	2.83	.175	7	13	.62	18	.24	3	2.77	.41	.15	3	<5	1	<2
580-RC7-12	4	192	5	44	<.3	15	18	462	3.89	3	<8	<2	2	172	.3	<3	5	149	4.42	.192	8	13	.91	21	.21	4	3.13	.31	.12	4	<5	<1	5
580-RC7-13	7	216	5	51	.3	23	24	460	4.05	9	<8	<2	2	131	.5	<3	<3	147	3.92	.132	6	19	.97	8	.20	4	2.62	.21	.11	2	<5	<1	<2
580-RC7-14	4	162	<3	43	<.3	20	21	404	3.63	6	<8	<2	<2	168	.6	<3	<3	141	3.25	.127	7	18	.80	17	.21	6	3.13	.40	.17	9	<5	2	3
580-RC7-15	3	131	<3	45	<.3	15	15	361	3.23	<2	<8	<2	<2	126	.6	<3	<3	119	2.77	.138	8	18	.83	17	.20	5	2.37	.28	.11	2	<5	<1	3
580-RC7-16	4	80	8	23	<.3	5	10	152	2.38	3	<8	<2	<2	43	.2	<3	<3	45	1.16	.091	8	13	.49	22	.12	3	.88	.08	.10	5	<5	<1	<2
580-RC7-17	3	83	7	21	<.3	6	8	132	1.93	4	<8	<2	<2	40	<.2	<3	<3	38	1.17	.086	7	11	.36	12	.11	3	.77	.08	.08	3	<5	<1	<2
580-RC7-18	5	271	21	119	.4	22	19	205	3.58	5	<8	<2	<2	98	.4	3	<3	70	1.83	.164	8	14	.46	20	.22	<3	1.50	.23	.08	7	<5	1	<2
580-RC7-19	7	218	6	40	<.3	17	17	211	3.04	<2	<8	<2	<2	131	<.2	<3	<3	83	2.20	.131	7	18	.50	18	.22	5	2.01	.27	.12	5	<5	<1	<2
580-RC7-20	3	199	19	29	.6	12	18	255	3.26	<2	<8	<2	<2	113	.5	<3	<3	75	2.14	.147	7	13	.48	11	.22	<3	1.87	.26	.10	7	<5	<1	<2
RE 580-RC7-20	3	191	17	27	.3	14	19	252	3.16	<2	<8	<2	<2	110	<.2	<3	<3	72	2.07	.141	6	12	.47	2	.21	3	1.80	.25	.10	7	<5	<1	<2
580-RC7-21	5	162	4	44	<.3	21	20	320	3.35	5	<8	<2	<2	146	<.2	<3	<3	114	2.79	.086	4	42	.90	27	.21	5	2.86	.31	.17	4	<5	<1	<2
580-RC7-22	4	133	5	42	<.3	10	16	348	3.54	7	<8	<2	<2	83	<.2	<3	<3	103	2.09	.134	7	17	.87	17	.26	4	1.97	.22	.18	4	<5	<1	<2
580-RC7-23	6	193	<3	50	<.3	21	21	331	4.15	7	<8	<2	<2	81	.8	<3	<3	117	2.17	.129	6	25	.99	26	.24	4	2.12	.19	.14	4	<5	<1	<2
580-RC7-24	3	120	4	50	<.3	11	15	435	3.82	3	<8	<2	<2	83	.6	<3	<3	137	2.89	.134	8	26	1.25	13	.24	3	1.94	.20	.14	7	<5	<1	2
580-RC7-25	3	117	13	40	<.3	16	21	325	3.56	4	<8	<2	<2	128	.2	<3	4	133	2.53	.114	6	21	.94	29	.24	<3	2.43	.31	.20	12	<5	1	<2
STANDARD C3/AU-R	27	67	38	173	5.7	35	13	783	3.57	57	18	<2	19	31	23.8	11	25	86	.62	.087	20	181	.62	143	.11	20	1.96	.04	.16	17	<5	1	489
STANDARD G-1	2	3	4	49	<.3	8	6	576	2.13	<2	<8	<2	4	71	<.2	<3	<3	44	.66	.076	8	93	.66	254	.15	<3	1.07	.06	.48	<2	<5	<1	<2

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

Data FA

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Discovery Consultants PROJECT 580 File # 97-6580

P.O. Box 933, Vernon BC V1T 6M8 Submitted by: A. Koffyberg

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppm	Au** ppb
580-RC7-27	3	230	9	58	.4	15	22	399	4.47	3	<8	<2	<2	84	1.0	<3	<3	123	2.10	.107	4	14	.94	30	.22	<3	1.91	.22	.24	2	<5	2	1
580-RC7-32	2	118	30	46	.5	14	17	440	3.31	21	<8	<2	2	93	.6	<3	<3	113	3.32	.108	5	24	1.08	12	.19	<3	2.27	.13	.12	<2	<5	2	3
580-RC8-08	5	168	5	80	<.3	51	21	409	3.69	5	<8	<2	<2	126	1.1	<3	<3	140	1.98	.088	4	103	1.61	126	.28	4	2.79	.25	.53	<2	<5	<1	4
580-RC8-29	9	121	<3	59	.3	6	5	196	1.89	3	<8	<2	<2	55	<.2	<3	<3	57	1.17	.082	10	10	.67	91	.13	3	.89	.07	.19	4	<5	1	<1
580-RC8-33	23	361	7	136	.5	16	18	361	3.62	3	<8	<2	2	265	1.5	<3	<3	93	3.02	.155	9	24	.91	30	.22	<3	1.70	.23	.16	<2	<5	<1	13
580-RC8-34	19	338	6	99	.3	10	14	250	2.89	3	<8	<2	<2	124	.7	<3	4	73	1.83	.149	9	18	.70	32	.19	6	1.62	.22	.13	2	<5	<1	<1
580-RC8-35	34	243	<3	99	.3	8	18	261	2.77	<2	<8	<2	<2	123	.8	3	<3	79	1.63	.125	8	17	.71	27	.19	<3	1.69	.20	.18	7	<5	2	<1
580-RC8-37	9	100	<3	41	<.3	1	4	158	1.46	3	<8	<2	<2	43	.3	<3	<3	43	.93	.076	7	8	.55	31	.11	<3	.81	.06	.10	4	<5	<1	<1
580-RC8-40	56	343	<3	127	.4	17	17	321	3.49	3	<8	<2	<2	123	1.3	<3	<3	104	1.71	.112	8	32	1.02	46	.21	<3	1.50	.17	.32	<2	<5	<1	<1
580-RC9-05	8	96	4	60	<.3	20	14	391	3.15	9	<8	<2	2	54	.8	<3	<3	86	.96	.084	7	38	.97	83	.15	<3	1.78	.08	.18	<2	<5	1	7
580-RC9-06	5	88	7	49	<.3	22	11	368	2.80	6	<8	<2	<2	57	.2	<3	<3	80	1.03	.077	6	40	.87	85	.15	<3	1.76	.10	.21	2	<5	<1	7
580-RC9-07	5	138	<3	58	<.3	23	9	294	2.43	5	<8	<2	<2	66	.4	3	4	79	1.05	.076	6	36	.73	65	.16	<3	1.68	.12	.18	2	<5	1	6
580-RC9-08	6	183	<3	67	<.3	24	13	335	2.46	5	<8	<2	<2	65	.5	<3	3	81	1.01	.079	6	34	.70	74	.16	<3	1.68	.13	.19	2	<5	1	1
580-RC9-09	7	204	4	71	.3	26	16	361	2.32	4	<8	<2	<2	61	.4	<3	<3	78	.94	.076	5	33	.67	67	.15	<3	1.61	.12	.19	2	<5	<1	<1
580-RC9-11	71	1146	40	255	1.0	25	20	335	3.85	5	<8	<2	<2	23	1.7	5	4	132	.82	.078	5	30	1.02	79	.25	4	1.29	.10	.52	2	<5	1	3
580-RC9-12	30	652	<3	78	.4	21	20	377	3.76	2	<8	<2	<2	20	.8	<3	<3	131	.90	.081	5	26	1.12	87	.23	4	1.35	.13	.53	3	<5	<1	<1
580-RC9-13	68	769	<3	107	.6	22	22	413	4.36	6	<8	<2	<2	43	1.4	<3	<3	130	1.18	.078	4	20	1.13	49	.23	<3	1.49	.14	.25	<2	<5	<1	<1
580-RC9-14	81	801	3	90	.4	24	26	493	5.31	6	<8	<2	<2	24	1.3	<3	<3	176	1.28	.087	5	30	1.49	109	.25	<3	1.59	.11	.52	<2	<5	1	1
580-RC9-15	103	466	4	81	.3	29	22	422	4.78	13	<8	<2	<2	19	.9	<3	3	160	1.12	.092	5	42	1.50	127	.27	<3	1.56	.11	.83	<2	<5	<1	2
580-RC9-16	35	439	4	136	.5	21	28	730	6.29	10	<8	<2	<2	22	1.5	<3	<3	243	1.46	.093	4	27	2.61	135	.36	<3	2.46	.10	1.65	<2	<5	<1	<1
580-RC9-17	10	231	3	69	<.3	23	24	502	4.82	11	<8	<2	<2	20	1.1	<3	<3	183	1.15	.108	4	31	2.02	236	.32	<3	2.01	.13	1.20	<2	<5	<1	<1
580-RC9-18	38	251	5	73	.4	19	21	454	4.56	12	<8	<2	<2	26	.6	<3	<3	174	1.39	.089	5	34	1.82	189	.29	5	1.82	.11	.81	2	<5	1	1
580-RC9-19	18	344	3	101	.3	25	22	513	4.65	12	<8	<2	<2	37	1.2	<3	<3	157	1.31	.093	5	39	1.72	131	.32	3	1.87	.14	.91	<2	<5	<1	<1
RE 580-RC9-19	18	337	5	98	<.3	26	22	505	4.56	11	<8	<2	<2	37	1.0	<3	<3	154	1.29	.091	5	38	1.69	136	.31	4	1.83	.14	.89	<2	<5	<1	<1
580-RC9-20	21	378	3	94	<.3	19	22	573	4.86	10	<8	<2	<2	20	.7	<3	<3	178	1.14	.089	5	31	1.73	176	.34	<3	1.87	.13	1.06	<2	<5	1	<1
580-RC10-02	5	107	<3	49	<.3	21	14	489	3.45	16	<8	<2	<2	66	.8	<3	<3	101	1.15	.114	7	36	1.10	61	.19	4	1.88	.11	.19	<2	<5	1	<1
580-RC10-03	6	74	4	57	<.3	28	16	681	3.71	8	<8	<2	<2	154	1.4	<3	<3	97	2.49	.089	8	46	1.39	94	.15	3	1.88	.09	.16	<2	<5	1	2
580-RC10-04	3	60	5	55	<.3	32	17	724	3.65	7	<8	<2	<2	106	1.2	<3	<3	90	3.46	.082	7	49	1.60	115	.12	4	1.91	.07	.15	<2	<5	<1	1
580-RC10-05	2	65	6	59	<.3	34	18	694	3.51	8	<8	<2	2	104	.8	<3	4	81	3.52	.085	8	52	1.55	92	.11	4	1.79	.05	.15	<2	<5	<1	5
580-RC10-06	2	60	6	58	<.3	31	18	724	3.63	7	<8	<2	<2	105	.7	<3	<3	83	3.98	.084	7	49	1.58	85	.11	<3	1.91	.05	.13	<2	<5	1	3
580-RC10-07	2	55	3	54	<.3	33	16	702	3.49	5	<8	<2	<2	104	1.0	<3	<3	77	3.77	.082	6	53	1.63	85	.12	<3	1.80	.05	.13	2	<5	<1	2
580-RC10-08	3	91	7	52	<.3	26	16	558	3.36	8	<8	<2	<2	88	1.1	<3	<3	92	2.51	.088	7	44	1.29	87	.16	4	1.84	.10	.18	<2	<5	2	1
580-RC10-09	5	153	4	46	<.3	20	12	343	3.18	5	<8	<2	<2	49	.7	<3	<3	111	.91	.082	7	42	1.01	107	.18	<3	1.58	.09	.31	2	<5	2	2
STANDARD C3/AU-R	25	64	36	166	5.1	34	13	735	3.41	55	23	3	19	29	22.6	17	21	81	.58	.084	18	170	.60	146	.10	16	1.81	.04	.16	17	<5	2	497
STANDARD G-1	2	6	<3	52	<.3	10	5	605	2.28	<2	<8	<2	4	79	<.2	<3	3	45	.67	.079	8	114	.68	260	.16	<3	1.12	.07	.53	<2	<5	<1	4

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: CUTTING AU** ANALYSIS BY ULTRA/ICP FROM 30 GM SAMPLE.
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: NOV 5 1997 **DATE REPORT MAILED:** Nov 13/97 **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Data FA

APPENDIX 6

DRILL LOGS

Reverse Circulation Drilling
Independence Property

Coords: 4+50S, 2+32E		Drill type: Reverse Circulation		Hole No:	580-RC1
				Target Area:	Homestead Zone
Azimuth:	250°			Claim:	Camsell 1A
Dip:	-60°			Property:	Independence
Elevation:	5400 ft			Location:	south-central B.C.
Length:	150 ft	Date St.:	97.10.27		
		Date Fin.:	97.10.27	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	Quartz-feldspar-biotite porphyry quartz (40-60%), feldspar (40-60%), minor biotite (10%), 1% pyrite. Reddish matrix due to rusty weathering near surface.	580-RC1-01
5	10	Quartz-feldspar-biotite porphyry quartz, feldspar, minor biotite, predominate limonite and hematite staining, slightly more mafic, trace pyrite and a few chalcopyrite flecks.	580-RC1-02
10	15	Quartz-feldspar-biotite porphyry same as above	580-RC1-03
15	20	Quartz-feldspar-biotite porphyry same as above, reddish staining, trace pyrite	580-RC1-04
20	25	Quartz-feldspar-biotite porphyry slightly more mafic (15%), 1% pyrite, trace chalcopyrite	580-RC1-05
25	30	Quartz-feldspar-biotite porphyry reddish orange matrix due to Fe coating, trace pyrite	580-RC1-06
30	35	Quartz-feldspar-biotite porphyry reddish orange matrix due to Fe coating, trace pyrite	580-RC1-07
35	40	Quartz-feldspar-biotite porphyry predominately quartz and biotite	580-RC1-08
40	45	Quartz-feldspar-biotite porphyry predominately translucent quartz and biotite	580-RC1-09
45	50	Quartz-feldspar-biotite porphyry minor light green fragments (chlorite)	580-RC1-10
50	55	Quartz-feldspar-biotite porphyry predominately quartz, may be a siliceous altered zone, minor Fe coating on grains	580-RC1-11
55	60	Quartz-feldspar-biotite porphyry	580-RC1-12

		predominately quartz with minor green chlorite	
60	65	Quartz-feldspar-biotite porphyry predominately quartz with minor green chlorite, trace pyrite	580-RC1-13
65	70	Quartz-feldspar-biotite porphyry coarse grained fragments, wet, possible fault zone or brecciated zone	580-RC1-14
70	75	Quartz-feldspar-biotite porphyry predominately quartz, minor biotite	580-RC1-15
75	80	Quartz-feldspar-biotite porphyry wet, fault zone?, rusty fragments, hematite	580-RC1-16
80	85	Quartz-feldspar-biotite porphyry grey matrix of quartz, feldspars, minor biotite, trace pyrite and possibly chalcopyrite	580-RC1-17
85	90	Quartz-feldspar-biotite porphyry predominately grey matrix, minor mafics trace pyrite assoc with quartz, possible chalcopyrite	580-RC1-18
90	95	Aplite white to grey, quartz and feldspar, trace pyrite and chalcopyrite	580-RC1-19
95	100	Aplite white to grey, quartz and feldspar trace pyrite and chalcopyrite	580-RC1-20
100	105	Aplite white to grey, quartz and feldspar trace pyrite and chalcopyrite	580-RC1-21
105	110	Aplite white to grey, trace pyrite and chalcopyrite, wet, possible fault zone	580-RC1-22
110	115	Quartz-feldspar-biotite porphyry white to grey, trace pyrite and chalcopyrite, wet, possible fault zone, minor mafics	580-RC1-23
115	120	Quartz-feldspar-biotite porphyry white to grey, trace pyrite and possible chalcopyrite,	580-RC1-24
120	125	Quartz-feldspar-biotite porphyry white matrix (quartz) one maroon fragment, trace pyrite and chalcopyrite	580-RC1-25
125	130	Quartz-feldspar-biotite porphyry white (quartz), pink (feldspar), grey matrix, trace pyrite	580-RC1-26
130	135	Quartz-feldspar-biotite porphyry	580-RC1-27

		white (quartz), pink (feldspar), grey matrix, trace pyrite	
135	140	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, trace pyrite and chalcopyrite	580-RC1-28
140	145	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, clay balls, trace pyrite	580-RC1-29
145	150	Quartz-feldspar-biotite porphyry quartz, feldspar, minor epidote, clay balls, trace pyrite	580-RC1-30

EOH

Coords: 5+50S, 1+55E		Drill type: Reverse Circulation		Hole No:	580-RC2
				Target Area:	Homestead Zone
Azimuth:	45°			Claim:	Camsell 1A
Dip:	-60°			Property:	Independence
Elevation:	5400 ft			Location:	south-central B.C
Length:	160 ft	Date St.:	97.10.27		
		Date Fin.:	97.10.27	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	Overburden rusty black volcanics, hematite, limonite coating, quartz, feldspar, trace pyrite	580-RC2-03
15	20	Mafic volcanics black, rusty fragments, quartz with chalcopyrite, malachite, trace pyrite	580-RC2-04
20	25	Mafic volcanics dark grey, rusty volcanics, minor white quartz, trace pyrite	580-RC2-05
25	30	Mafic volcanics dark grey to black, rusty volcanics, minor quartz, limonite, trace pyrite	580-RC2-06
30	35	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, orange Fe coating, 20% mafics (volcanics)	580-RC2-07
35	40	Quartz-feldspar-biotite porphyry felsic matrix, pinkish orange Fe coating, 10-15% mafics, trace to 1% pyrite	580-RC2-08
40	45	Quartz-feldspar-biotite porphyry strong Fe alteration 1% pyrite, possibly chalcopyrite	580-RC2-09
45	50	Quartz-feldspar-biotite porphyry / Mafic volcanics 50% felsic, 50% mafic fragments, strong Fe alteration trace pyrite	580-RC2-10
50	55	Quartz-feldspar-biotite porphyry minor Fe alteration, 15% mafics, trace pyrite	580-RC2-11
55	60	Quartz-feldspar-biotite porphyry / Mafic volcanics 50% felsic, 50% mafic fragments, trace pyrite	580-RC2-12
60	65	Mafic volcanics / Quartz-feldspar-biotite porphyry	580-RC2-13

		75% mafic fragments, trace pyrite assoc with quartz	
65	70	Mafic volcanics / Quartz-feldspar-biotite porphyry 50% felsic, 50% mafic fragments trace pyrite assoc with sugar pink quartz	580-RC2-14
70	75	Quartz-feldspar-biotite porphyry trace pyrite assoc with quartz	580-RC2-15
75	80	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, 10% mafics 1% pyrite and chalcopyrite	580-RC2-16
80	85	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, 10% mafics 1% pyrite and chalcopyrite	580-RC2-17
85	90	Quartz-feldspar-biotite porphyry slightly more mafic, hematite flecks in quartz, trace pyrite, possibly chalcopyrite	580-RC2-18
90	95	Quartz-feldspar-biotite porphyry milky white quartz, minor mafics, 1% pyrite, trace chalcopyrite	580-RC2-19
95	100	Quartz-feldspar-biotite porphyry minor mafics, trace hematite, 1-2% dissem pyrite, possibly chalcopyrite	580-RC2-20
100	105	Mafic volcanics / Quartz-feldspar-biotite porphyry 50-60% mafics, 1-2% pyrite and chalcopyrite	580-RC2-21
105	110	Mafic volcanics no quartz, dark grey, homogeneous, trace pyrite	580-RC2-22
110	115	Quartz-feldspar-biotite porphyry 70-80% quartz and feldspar, mafic fragments pyrite associated with quartz, malachite	580-RC2-23
115	120	Quartz-feldspar-biotite porphyry Grey matrix, pinkish feldspars, malachite 1-2% pyrite	580-RC2-24
120	125	Quartz-feldspar-biotite porphyry pinkish feldspars, 5-7% mafic, 1-2% pyrite, trace chalcopyrite	580-RC2-25
125	130	Quartz-feldspar-biotite porphyry trace pyrite	580-RC2-26
130	135	Quartz-feldspar-biotite porphyry 1% pyrite, trace chalcopyrite, malachite staining	580-RC2-27
135	140	Quartz-feldspar-biotite porphyry 1% pyrite, trace chalcopyrite and molybdenite associated with quartz	580-RC2-28

140	145	Quartz-feldspar-biotite porphyry 1% pyrite, trace chalcopyrite	580-RC2-29
145	150	Quartz-feldspar-biotite porphyry 10% mafics, 1% pyrite, trace chalcopyrite	580-RC2-30
150	155	Quartz-feldspar-biotite porphyry / Mafic volcanics? 40-50% mafic, greenish matrix (chlorite), wet, 1% pyrite, trace chalcopyrite	580-RC2-31
155	160	Quartz-feldspar-biotite porphyry / Mafic volcanics? 50-60% mafic, greenish matrix (chlorite), wet, 1% pyrite, trace chalcopyrite, possibly molybdenite associated with feldspars	580-RC2-32
EOH			

Coords: 6+00S, 1+50E		Drill type: Reverse Circulation		Hole No:	580-RC3
				Target Area:	Homestead Zone
Azimuth:	220°			Claim:	Camsell 1A
Dip:	-60°			Property:	Independence
Elevation:	5400 ft			Location:	south-central B.C.
Length:	170 ft	Date St.:	97.10.28		
		Date Fin.:	97.10.28	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	Quartz-feldspar-biotite porphyry grey, pinkish, white, black matrix, no Fe staining trace pyrite and chalcopyrite	580-RC3-03
15	20	Quartz-feldspar-biotite porphyry 70-80% felsics, no Fe staining	580-RC3-04
20	25	Quartz-feldspar-biotite porphyry trace to 1% pyrite	580-RC3-05
25	30	Quartz-feldspar-biotite porphyry minor chlorite, trace to 1% pyrite	580-RC3-06
30	35	Quartz-feldspar-biotite porphyry minor chlorite, trace to 1% pyrite	580-RC3-07
35	40	Quartz-feldspar-biotite porphyry minor chlorite, trace to 1% pyrite	580-RC3-08
40	45	Quartz-feldspar-biotite porphyry chlorite, trace to 1% pyrite, trace chalcopyrite	580-RC3-09
45	50	Quartz-feldspar-biotite porphyry orange, rusty fragments, 20-30% mafics, 1% pyrite	580-RC3-10
50	55	Quartz-feldspar-biotite porphyry quartz and pink feldspar rich, 1-2% pyrite	580-RC3-11
55	60	Quartz-feldspar-biotite porphyry quartz and pink feldspar rich, 1-2% pyrite	580-RC3-12
60	65	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, minor chlorite 1-2% pyrite	580-RC3-13
65	70	Quartz-feldspar-biotite porphyry minor biotite, trace pyrite	580-RC3-14
70	75	Quartz-feldspar-biotite porphyry	580-RC3-15

		minor biotite, bright green chlorite, trace pyrite	
75	80	Quartz-feldspar-biotite porphyry minor biotite, trace pyrite, green fragments	580-RC3-16
80	85	Quartz-feldspar-biotite porphyry larger pieces resemble foliated granodiorite, 1% pyrite	580-RC3-17
85	90	Quartz-feldspar-biotite porphyry grey to white matrix, 1-2% pyrite	580-RC3-18
90	95	Quartz-feldspar-biotite porphyry grey to white matrix, 1-2% pyrite, minor chlorite	580-RC3-19
95	100	Quartz-feldspar-biotite porphyry grey to white matrix, 1-2% pyrite	580-RC3-20
100	105	Quartz-feldspar-biotite porphyry grey to white matrix, 1-2% pyrite	580-RC3-21
105	110	Quartz-feldspar-biotite porphyry *20-30% mafics, 1-2% pyrite, trace chalcopyrite*	580-RC3-22
110	115	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, 10% mafics, 1% pyrite	580-RC3-23
115	120	Quartz-feldspar-biotite porphyry 20-30% mafics, 1% pyrite	580-RC3-24
120	125	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, 10% mafics, 1% dissem pyrite	580-RC3-25
125	130	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, 10% mafics, 1% dissem pyrite	580-RC3-26
130	135	Aplite predominately quartz and feldspar, 2-3% mafics, 1% pyrite	580-RC3-27
135	140	Aplite predominately felsic, minor orange alteration minor epidote, 1% pyrite	580-RC3-28
140	145	Quartz-feldspar-biotite porphyry predominately felsic, minor orange Fe alteration minor epidote, 1% pyrite	580-RC3-29
145	150	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, 1-2% pyrite, trace chalcopyrite	580-RC3-30
150	155	Quartz-feldspar-biotite porphyry / Mafic volcanics 50% mafics, 1-2% pyrite, possibly chalcopyrite	580-RC3-31
155	160	Quartz-feldspar-biotite porphyry	580-RC3-32

		minor hematite, trace pyrite	
160	165	Quartz-feldspar-biotite porphyry higher proportion of pinkish feldspars, trace pyrite	580-RC3-33
165	170	Quartz-feldspar-biotite porphyry predominately quartz and feldspar, trace pyrite	580-RC3-34

EOH

Coords:	6+45S, 1+70E	Drill type: Reverse Circulation		Hole No:	580-RC4
				Target Area:	Homestead Zone
Azimuth:	220°			Claim:	Camsell 1A
Dip:	-60°			Property:	Independence
Elevation:	5375 ft			Location:	south-central B.C.
Length:	200 ft	Date St.:	97.10.29		
		Date Fin.:	97.10.29	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	Quartz-feldspar-biotite porphyry orange, rusty Fe alteration, 2-3% mafics	580-RC4-02
10	15	Quartz-feldspar-biotite porphyry predominately orange, Fe alteration, quartz, trace pyrite and chalcopyrite, trace malachite, hematite	580-RC4-03
15	20	Quartz-feldspar-biotite porphyry predominately orange, Fe alteration, quartz, trace pyrite and chalcopyrite	580-RC4-04
20	25	Quartz-feldspar-biotite porphyry predominately orange, Fe alteration, quartz, 1% coarse grained pyrite, minor green chlorite	580-RC4-05
25	30	Quartz-feldspar-biotite porphyry predominately orange, Fe alteration, quartz, 1% coarse grained pyrite, minor green chlorite	580-RC4-06
30	35	Quartz-feldspar-biotite porphyry predominately orange, Fe alteration, quartz, trace pyrite and chalcopyrite	580-RC4-07
35	40	Quartz-feldspar-biotite porphyry lesser Fe alteration, trace pyrite	580-RC4-08
40	45	Quartz-feldspar-biotite porphyry lesser Fe alteration, trace pyrite	580-RC4-09
45	50	Aplite orangey pink, white matrix of quartz, feldspar trace pyrite	580-RC4-10
50	55	Aplite / Mafic volcanics 50-60% mafics, orange Fe alteration, quartz, feldspar 1% pyrite, possibly chalcopyrite	580-RC4-11
55	60	Quartz-feldspar-biotite porphyry / Mafic volcanics 50% mafics, predominately euhedral biotite 1% pyrite, trace chalcopyrite	580-RC4-12

60	65	Quartz-feldspar-biotite porphyry / Mafic volcanics *50% orange Fe alteration, 25% mafics, 25% quartz/feldspar* 1% pyrite, trace chalcopyrite	580-RC4-13
65	70	Quartz-feldspar-biotite porphyry 50% orange Fe alteration, 25% mafics, 25% quartz/feldspar 1% pyrite, trace chalcopyrite	580-RC4-14
70	75	Quartz-feldspar-biotite porphyry 50% orange Fe alteration, 25% mafics, 25% quartz/feldspar 1% pyrite	580-RC4-15
75	80	Aplite reddish quartz/feldspar, 1-2% mafics, 1-2% pyrite	580-RC4-16
80	85	Quartz-feldspar-biotite porphyry reddish felsics, 10% mafics, 1% pyrite	580-RC4-17
85	90	Quartz-feldspar-biotite porphyry predominately white matrix, 5% mafics, 1% dissem pyrite, trace chlorite	580-RC4-18
90	95	Quartz-feldspar-biotite porphyry predominately white fragments, 20% mafics, coarse pyrite	580-RC4-19
95	100	Quartz-feldspar-biotite porphyry grey matrix, biotite grains, coarse pyrite	580-RC4-20
100	105	Quartz-feldspar-biotite porphyry grey, pink, black biotite grains, trace pyrite	580-RC4-21
105	110	Quartz-feldspar-biotite porphyry grey, pink, black biotite grains, trace pyrite	580-RC4-22
110	115	Quartz-feldspar-biotite porphyry grey matrix with pink feldspar, black biotite, trace pyrite	580-RC4-23
115	120	Quartz-feldspar-biotite porphyry grey matrix with pink feldspar, black biotite, trace pyrite	580-RC4-24
120	125	Quartz-feldspar-biotite porphyry *grey matrix, sericite (silvery mica), trace pyrite*	580-RC4-25
125	130	Quartz-feldspar-biotite porphyry grey matrix, sericite (silvery mica), trace pyrite	580-RC4-26
130	135	Quartz-feldspar-biotite porphyry moybdenite, wet, possible fault zone	580-RC4-27
135	140	Quartz-feldspar-biotite porphyry grey matrix, wet, possible fault zone, trace pyrite, possibly chalcopyrite	580-RC4-28
140	145	Quartz-feldspar-biotite porphyry grey matrix with quartz, pink feldspar, biotite, trace pyrite	580-RC4-29

145	150	Quartz-feldspar-biotite porphyry grey matrix with quartz, pink feldspar, biotite, trace pyrite	580-RC4-30
150	155	Quartz-feldspar-biotite porphyry predominately felsic, trace pyrite	580-RC4-31
155	160	Quartz-feldspar-biotite porphyry grey matrix, minor chlorite, large biotite, trace pyrite	580-RC4-32
160	165	Quartz-feldspar-biotite porphyry grey matrix, minor chlorite, large biotite, trace pyrite associated with quartz	580-RC4-33
165	170	Quartz-feldspar-biotite porphyry grey matrix, greenish chlorite, feldspar, 1% pyrite	580-RC4-34
170	175	Quartz-feldspar-biotite porphyry grey matrix, felsics, pink feldspar, quartz 1% pyrite	580-RC4-35
175	180	Aplite light pink to white, trace mafics, trace pyrite	580-RC4-36
180	185	Aplite light pink to white, trace mafics, trace pyrite	580-RC4-37
185	190	Quartz-feldspar-biotite porphyry 5% mafics, trace to 1% pyrite	580-RC4-38
190	195	Quartz-feldspar-biotite porphyry grey matrix, quartz, feldspar, 5% mafics, trace pyrite	580-RC4-39
195	200	Quartz-feldspar-biotite porphyry grey matrix, quartz, feldspar, 5% mafics, trace pyrite	580-RC4-40

EOH

Coords: 6+65S, 1+50E	Drill type: Reverse Circulation	Hole No:	580-RC5
		Target Area:	Homestead Zone
Azimuth: 220°		Claim:	Camsell 1A
Dip: -60°		Property:	Independence
Elevation: 5375 ft		Location:	south-central B.C.
Length: 175 ft	Date St.: 97.10.29		
	Date Fin.: 97.10.29	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	Quartz-feldspar-biotite porphyry grey matrix, rusty Fe coating, hematite in quartz, trace pyrite	580-RC5-03
15	20	Quartz-feldspar-biotite porphyry rusty Fe coating, quartz, feldspar, biotite, trace pyrite	580-RC5-04
20	25	Quartz-feldspar-biotite porphyry rusty Fe coating, quartz, feldspar, almost aplitic	580-RC5-05
25	30	Quartz-feldspar-biotite porphyry quartz, feldspar, biotite, trace pyrite	580-RC5-06
30	35	Quartz-feldspar-biotite porphyry coarse grained biotite, 10% mafics, minor Fe alteration 1% pyrite, possibly chalcopyrite	580-RC5-07
35	40	Quartz-feldspar-biotite porphyry abundant reddish Fe alteration, quartz, feldspar, minor mafics, trace pyrite	580-RC5-08
40	45	Quartz-feldspar-biotite porphyry lesser Fe alteration, coarse grained biotite, trace pyrite, possibly chalcopyrite	580-RC5-09
45	50	Quartz-feldspar-biotite porphyry white to light grey matrix, quartz, biotite trace pyrite and chalcopyrite	580-RC5-10
50	55	Quartz-feldspar-biotite porphyry white to grey matrix, reddish pink feldspar, biotite, 1% pyrite	580-RC5-11
55	60	Quartz-feldspar-biotite porphyry reddish pink feldspar, quartz, biotite, 1% pyrite	580-RC5-12
60	65	Quartz-feldspar-biotite porphyry reddish pink feldspar, quartz, biotite, 1% pyrite	580-RC5-13

65	70	Quartz-feldspar-biotite porphyry grey matrix, trace green chlorite, quartz, minor biotite, trace pyrite	580-RC5-14
70	75	Quartz-feldspar-biotite porphyry sericite?, quartz, biotite, trace chlorite, hematite, 1% pyrite	580-RC5-15
75	80	Quartz-feldspar-biotite porphyry medium size grains, minor green chlorite 1% pyrite, possibly chalcopyrite	580-RC5-16
80	85	Quartz-feldspar-biotite porphyry medium size grains, minor green chlorite 1% pyrite, possibly chalcopyrite	580-RC5-17
85	90	Quartz-feldspar-biotite porphyry reddish feldspar (Fe alteration?), quartz, trace pyrite	580-RC5-18
90	95	Quartz-feldspar-biotite porphyry reddish feldspar (Fe alteration?), minor biotite, trace pyrite	580-RC5-19
95	100	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-20
100	105	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite, pyrite seam in quartz	580-RC5-21
105	110	Quartz-feldspar-biotite porphyry white to light grey matrix, clay balls, 1% pyrite	580-RC5-22
110	115	Quartz-feldspar-biotite porphyry white to light grey matrix, clay balls, light pink feldspar, 5% mafics, 1% pyrite	580-RC5-23
115	120	Quartz-feldspar-biotite porphyry white to light grey matrix, clay balls, 1% pyrite	580-RC5-24
120	125	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-25
125	130	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-26
130	135	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-27
135	140	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-28
140	145	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-29
145	150	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, 1% pyrite	580-RC5-30

150	155	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, trace pyrite	580-RC5-31
155	160	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, trace pyrite	580-RC5-32
160	165	Quartz-feldspar-biotite porphyry white to light grey matrix, 5% mafics, trace pyrite	580-RC5-33
165	170	Quartz-feldspar-biotite porphyry light grey matrix, 5% mafics, trace pyrite	580-RC5-34
170	175	Quartz-feldspar-biotite porphyry light grey matrix, 5% mafics, trace pyrite	580-RC5-35

EOH

Coords: 29+85S, 20+35E	Drill type: Reverse Circulation	Hole No:	580-RC6
		Target Area:	Alpha Zone
Azimuth: 45°		Claim:	Camsell 2
Dip: -60°		Property:	Independence
Elevation: 4600 ft		Location:	south-central B.C.
Length: 200 ft	Date St.: 97.10.31		
	Date Fin.: 97.10.31	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	Mafic metavolcanics black, fine grained matrix, 2-3% quartz, minor chlorite, 1% pyrite assoc with quartz and dissem in host rock	580-RC6-03
15	20	Mafic metavolcanics black, dark green minor quartz, 1% pyrite in quartz minor chlorite	580-RC6-04
20	25	Mafic metavolcanics black matrix with minor quartz and pinkish feldspar, 3% pyrite assoc with quartz and dissem in matrix	580-RC6-05
25	30	Mafic metavolcanics black matrix with minor quartz and pinkish feldspar, 3% pyrite assoc with quartz and dissem in matrix	580-RC6-06
30	35	Mafic metavolcanics Predominately black matrix, minor quartz, 3% pyrite	580-RC6-07
35	40	Mafic metavolcanics black, dark green, 10% quartz, 1-2% pyrite	580-RC6-08
40	45	Mafic metavolcanics black matrix, 5% quartz, epidote, chlorite, hematite in quartz, 3-4% pyrite, possibly chalcopyrite	580-RC6-09
45	50	Mafic metavolcanics black, chlorite associated with quartz, euhedral pyrite, dissem pyrite in quartz, 5% pyrite	580-RC6-10
50	55	Mafic metavolcanics 98% mafic, chloritized metavolcanics, pyrite seams in quartz veins	580-RC6-11
55	60	Mafic metavolcanics black to dark green, 30% felsics, light green chlorite, 1-2% pyrite	580-RC6-12
60	65	Granite/ Granodiorite	580-RC6-13

		very felsic, grey matrix, quartz, chlorite, pinkish feldspar, biotite (hydrothermal?), fine grained pyrite associated with quartz	
65	70	Granite/ Granodiorite felsic, quartz, chlorite, biotite, fine grained 2-3% pyrite	580-RC6-14
70	75	Granite/ Granodiorite grey matrix, smaller felsic fragments , pinkish feldspar coarse grained biotite, chlorite, 3-4% pyrite	580-RC6-15
75	80	Granite/ Granodiorite grey matrix, smaller felsic fragments , pinkish feldspar coarse grained biotite, chlorite, 1-2% pyrite	580-RC6-16
80	85	Granite/ Granodiorite/ Metavolcanics 50% mafic, 50% felsic, fine grained pyrite in quartz	580-RC6-17
85	90	Mafic metavolcanics 90% mafic fragments, minor quartz, 3-4% fine grained pyrite	580-RC6-18
90	95	Mafic metavolcanics Chloritic volcanics, a few white feldspars, wet, possible fault zone, 3-4% pyrite	580-RC6-19
95	100	Granite/ Granodiorite medium grey matrix, abundant quartz, light green chlorite, possible fault zone, 4% pyrite, white gypsum?	580-RC6-20
100	105	Granite/ Granodiorite/ Metavolcanics medium grey matrix, quartz, chlorite, coarse grained biotite, 5% pyrite	580-RC6-21
105	110	Mafic metavolcanics predominately mafic, hematite, gypsum, 4% pyrite	580-RC6-22
110	115	Mafic metavolcanics predominately mafic, hematite, gypsum, 3% pyrite	580-RC6-23
115	120	Mafic metavolcanics predominately mafic, minor epidote, quartz, 4% pyrite	580-RC6-24
120	125	Mafic metavolcanics 50% mafic, 50% felsic, 4% fine grained pyrite, white quartz (veinlets)	580-RC6-25
125	130	Mafic metavolcanics 98% black, chloritized volcanics, 4% dissem pyrite	580-RC6-26
130	135	Mafic metavolcanics 98% black, chloritized volcanics, 3-4% dissem pyrite	580-RC6-27
135	140	Mafic metavolcanics 98% black, chloritized volcanics, white quartz (veinlets) 3-4% dissem pyrite	580-RC6-28

140	145	Mafic metavolcanics 98% black, chloritized volcanics, white quartz (veinlets) 3-4% dissem pyrite	580-RC6-29
145	150	Mafic metavolcanics 20% felsic fragments, clay balls, damp sample, light green chlorite and epidote, quartz, 4% pyrite associated with chlorite	580-RC6-30
150	155	Mafic metavolcanics quartz, chlorite, epidote, 4% pyrite	580-RC6-31
155	160	Mafic metavolcanics white quartz, chlorite, epidote, 4% pyrite assoc with quartz	580-RC6-32
160	165	Mafic metavolcanics 8-10% felsics, chlorite, quartz, 1-2% dissem pyrite	580-RC6-33
165	170	Mafic metavolcanics 70% mafics, epidote in quartz, chlorite, 3% pyrite	580-RC6-34
170	175	Mafic metavolcanics 70% mafics, epidote in quartz, chlorite, 3% pyrite	580-RC6-35
175	180	Mafic metavolcanics 70% mafics, epidote in quartz, chlorite, 3% pyrite	580-RC6-36
180	185	Mafic metavolcanics 60% mafics, epidote, chlorite, quartz, 4-5% pyrite	580-RC6-37
185	190	Mafic metavolcanics 95% mafics, chlorite, quartz, trace pyrite	580-RC6-38
190	195	Mafic metavolcanics 95% mafics, chlorite, quartz, trace pyrite	580-RC6-39
195	200	Mafic metavolcanics 70% mafics, chlorite, quartz, 2% pyrite, gypsum?	580-RC6-40

EOH

Coords: 30+00S, 20+75E		Drill type: Reverse Circulation		Hole No:	580-RC7
				Target Area:	Alpha Zone
Azimuth:	48°			Claims:	Camsell 10
Dip:	-60°			Property:	Independence
Elevation:	4600 ft			Location:	south-central B.C.
Length:	200 ft	Date St.:	97.11.01		
		Date Fin.:	97.11.02	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	Mafic metavolcanics Large rusty orange overburden fragments, wet, hematite	580-RC7-03
15	20	Mafic metavolcanics completely black, chloritized metavolcanics, trace pyrite	580-RC7-04
20	25	Mafic metavolcanics black, chloritized fragments, minor quartz, trace pyrite	580-RC7-05
25	30	Mafic metavolcanics black, chloritized fragments, minor quartz, epidote trace pyrite	580-RC7-06
30	35	Mafic metavolcanics black, chloritized fragments, minor quartz, epidote feldspar?, trace dissem pyrite	580-RC7-07
35	40	Mafic metavolcanics predominately mafic, epidote, chlorite, 1% pyrite	580-RC7-08
40	45	Mafic metavolcanics predominately mafic, epidote, chlorite, 1% pyrite as dissem in mafics and associated with epidote	580-RC7-09
45	50	Mafic metavolcanics mafics, 5% epidote as veinlets, 3% pyrite, chlorite	580-RC7-10
50	55	Mafic metavolcanics mafics, 8% epidote associated with chlorite, 3% pyrite, minor hematitic quartz, non magnetic	580-RC7-11
55	60	Mafic metavolcanics 80% mafics with epidote, chlorite, quartz, 1% pyrite	580-RC7-12
60	65	Mafic metavolcanics 80% mafics with epidote, chlorite, quartz, 1% pyrite	580-RC7-13

65	70	Mafic metavolcanics predominately mafic, 3% epidote, 2% pyrite	580-RC7-14
70	75	Mafic metavolcanics 30% felsics, quartz, 4% pyrite assoc with quartz	580-RC7-15
75	80	Mafic metavolcanics (silificied zone?) grey matrix, quartz, feldspar, minor biotite, epidote, 4% pyrite	580-RC7-16
80	85	Mafic metavolcanics (silificied zone?) grey matrix, pyrite and epidote in quartz, chlorite stringers in translucent quartz	580-RC7-17
85	90	Mafic metavolcanics more mafic, epidote, chlorite, 3% pyrite in quartz, foliated fragments	580-RC7-18
90	95	Mafic metavolcanics 80% mafic, quartz, epidote ,chlorite, 2% pyrite	580-RC7-19
95	100	Mafic metavolcanics 80% mafic, minor white quartz (veinlets), 1% pyrite	580-RC7-20
100	105	Mafic metavolcanics predominately chloritized volcanics, 1% pyrite	580-RC7-21
105	110	Mafic metavolcanics predominately chloritized volcanics, 1% pyrite	580-RC7-22
110	115	Mafic metavolcanics predominately chloritized volcanics, 1% pyrite	580-RC7-23
115	120	Mafic metavolcanics predominately chloritized volcanics, minor reddish hematitic quartz, 1% pyrite	580-RC7-24
120	125	Mafic metavolcanics predominately chloritized volcanics, large fragments, 1% pyrite	580-RC7-25
125	130	Mafic metavolcanics predominately chloritized volcanics, white quartz veinlets, trace to 1% pyrite	580-RC7-26
130	135	Mafic metavolcanics predominately chloritized volcanics, white quartz veinlets, trace to 1% pyrite	580-RC7-27
135	140	Mafic metavolcanics mafic with epidote and chlorite, 2% pyrite	580-RC7-28
140	145	Mafic metavolcanics mafic with epidote and chlorite, 2-3% pyrite	580-RC7-29
145	150	Mafic metavolcanics 60-70% mafics, abundant quartz, epidote and feldspar,	580-RC7-30

		3% dissem pyrite	
150	155	Mafic metavolcanics 80% mafics, quartz, epidote, feldspar, 3% dissem pyrite	580-RC7-31
155	160	Mafic metavolcanics 80% mafics, quartz, epidote, feldspar, 1% dissem pyrite	580-RC7-32
160	165	Mafic metavolcanics 80% mafics, quartz, 2% rusty fragments, 1% pyrite	580-RC7-33
165	170	Mafic metavolcanics chloritized volcanics, 5% white quartz veinlets, 1% pyrite	580-RC7-34
170	175	Mafic metavolcanics chloritized volcanics, 1% white quartz veinlets, 1% pyrite	580-RC7-35
175	180	Mafic metavolcanics chloritized black volcanics, 1% white quartz, 1% pyrite	580-RC7-36
180	185	Mafic metavolcanics 10% felsics, 1% pyrite associated with quartz	580-RC7-37
185	190	Mafic metavolcanics 10% felsics, 1% pyrite associated with quartz	580-RC7-38
190	195	Mafic metavolcanics 5% felsics, 1% pyrite	580-RC7-39
195	200	Mafic metavolcanics melanocratic, dark grey matrix, quartz, epidote, chlorite, minor reddish hematitic quartz, 2% pyrite	580-RC7-40

EOH

Coords: 31+50S, 21+75E		Drill type: Reverse Circulation		Hole No: Target Area:	580-RC8 Alpha Zone
Azimuth:	53°			Claim:	Camsell 15
Dip:	-60°			Property:	Independence
Elevation:	4550 ft			Location:	south-central B.C.
Length:	200 ft	Date St.: Date Fin.:	97.11.02 97.11.02	Logged by:	A. Koffyberg

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Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	no sample	
15	20	Large overburden chips rusty white quartz, black volcanics	580-RC8-04
20	25	Mafic metavolcanics large chips, rusty red on weathered surfaces	580-RC8-05
25	30	Mafic metavolcanics black, chloritized volcanics, 1% white quartz veinlets trace pyrite	580-RC8-06
30	35	Mafic metavolcanics black, unaltered volcanics, 1% fine grained pyrite	580-RC8-07
35	40	Mafic metavolcanics black, chloritized, 2% fine grained pyrite	580-RC8-08
40	45	Mafic metavolcanics black, chloritized, 3% fine grained pyrite	580-RC8-09
45	50	Mafic metavolcanics black, chloritized, 3% fine grained pyrite	580-RC8-10
50	55	Mafic metavolcanics predominately black, chloritized, minor quartz, epidote 3% fine grained pyrite	580-RC8-11
55	60	Mafic metavolcanics predominately black, chloritized, minor quartz, epidote 3% fine grained pyrite assoc with quartz and host rock	580-RC8-12
60	65	Mafic metavolcanics 25% felsics, quartz, light green chlorite, pinkish feldspar, 3% pyrite	580-RC8-13
65	70	Mafic metavolcanics 5-7% felsics, 2% pyrite	580-RC8-14

70	75	Mafic metavolcanics 5-7% felsics, minor reddish felspar, 2% pyrite	580-RC8-15
75	80	Mafic metavolcanics (silicified zone) predominately felsic, quartz, epidote, chlorite, feldspar, 3-4% pyrite	580-RC8-16
80	85	Mafic metavolcanics (silicified zone) predominately felsic, quartz, epidote, chlorite, feldspar, 3-4% pyrite	580-RC8-17
85	90	Mafic metavolcanics (silicified zone) dark grey matrix, quartz, 3-4% pyrite assoc with chlorite, epidote	580-RC8-18
90	95	Mafic metavolcanics predominately mafic, epidote, chlorite, minor quartz, 3% pyrite	580-RC8-19
95	100	Mafic metavolcanics mafic with abundant reddish fragments, 3% pyrite	580-RC8-20
100	105	Mafic metavolcanics mafic with abundant reddish fragments, 3% pyrite	580-RC8-21
105	110	Mafic metavolcanics mafic with abundant reddish fragments, 3% pyrite	580-RC8-22
110	115	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 3% pyrite	580-RC8-23
115	120	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 3% pyrite	580-RC8-24
120	125	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 2% pyrite	580-RC8-25
125	130	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 1-2% pyrite	580-RC8-26
130	135	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 2-3% pyrite	580-RC8-27
135	140	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 2-3% pyrite	580-RC8-28
140	145	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 2-3% pyrite	580-RC8-29

145	150	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 2-3% pyrite	580-RC8-30
150	155	Mafic metavolcanics (silicified zone) light grey matrix, quartz, chlorite, minor biotite 2-3% pyrite	580-RC8-31
155	160	Mafic metavolcanics (silicified zone) dark grey matrix, quartz, chlorite, 1-2% pyrite	580-RC8-32
160	165	Mafic metavolcanics 70-80% mafic, 1-2% pyrite	580-RC8-33
165	170	Mafic metavolcanics predominately mafic, 1% pyrite	580-RC8-34
170	175	Mafic metavolcanics black, chloritized volcanics	580-RC8-35
175	180	Mafic volcanics (silicified zone) grey matrix, predominately quartz, 1-2% pyrite	580-RC8-36
180	185	Mafic volcanics (silicified zone) grey matrix, predominately quartz, 1-2% pyrite	580-RC8-37
185	190	Mafic volcanics predominately black, 1-2% pyrite	580-RC8-38
190	195	Mafic volcanics predominately black, minor white quartz veinlets, 1-2% pyrite	580-RC8-39
195	200	Mafic volcanics predominately black, minor white quartz veinlets, 1-2% pyrite	580-RC8-40

EOH

Coords: 32+00S, 21+80E		Drill type: Reverse Circulation		Hole No:	580-RC9
				Target Area:	Alpha Zone
Azimuth:	45°			Claim:	Camsell 15
Dip:	-60°			Property:	Independence
Elevation:	4500 ft			Location:	south-central B.C.
Length:	175 ft	Date St.:	97.11.03		
		Date Fin.:	97.11.03	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	no sample	
10	15	no sample	
15	20	no sample	
20	25	Large overburden chips rusty, black volcanics	580-RC9-05
25	30	Mafic metavolcanics large, rusty, black overburden fragments, minor quartz	580-RC9-06
30	35	Mafic metavolcanics rusty, black mafics, minor quartz	580-RC9-07
35	40	Mafic metavolcanics rusty, black mafics, minor quartz, pyrite seam in chlorite	580-RC9-08
40	45	Mafic metavolcanics overburden fragments, minor biotite, quartz, rusty weathered fragments	580-RC9-09
45	50	Mafic metavolcanics overburden fragments, black volcanics, trace pyrite in quartz, chlorite	580-RC9-10
50	55	Mafic metavolcanics black, chloritized volcanics, 1% fine grained pyrite	580-RC9-11
55	60	Mafic metavolcanics black, chloritized volcanics, 1% fine grained pyrite	580-RC9-12
60	65	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-13
65	70	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-14
70	75	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-15

75	80	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-16
80	85	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-17
85	90	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-18
90	95	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-19
95	100	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-20
100	105	Mafic metavolcanics dark green to black, 1% fine grained pyrite	580-RC9-21
105	110	Mafic metavolcanics dark green to black, minor hematite, quartz 1% pyrite	580-RC9-22
110	115	Mafic metavolcanics dark green to black, minor hematite, 1% pyrite	580-RC9-23
115	120	Mafic metavolcanics dark green to black, minor quartz, epidote, trace pyrite	580-RC9-24
120	125	Mafic metavolcanics dark green to black, minor white quartz, 1% pyrite	580-RC9-25
125	130	Mafic metavolcanics dark green to black, minor white quartz, 1% pyrite	580-RC9-26
130	135	Mafic metavolcanics dark green to black, minor white quartz, 1% pyrite	580-RC9-27
135	140	Mafic metavolcanics abundant chlorite, minor white quartz, 1% pyrite	580-RC9-28
140	145	Mafic metavolcanics predominately mafic, 1-2% pyrite	580-RC9-29
145	150	Mafic metavolcanics predominately mafic, 1-2% pyrite	580-RC9-30
150	155	Mafic metavolcanics predominately mafic, trace pyrite	580-RC9-31
155	160	Mafic metavolcanics predominately mafic, trace pyrite	580-RC9-32
160	165	Mafic metavolcanics predominately mafic, trace pyrite	580-RC9-33

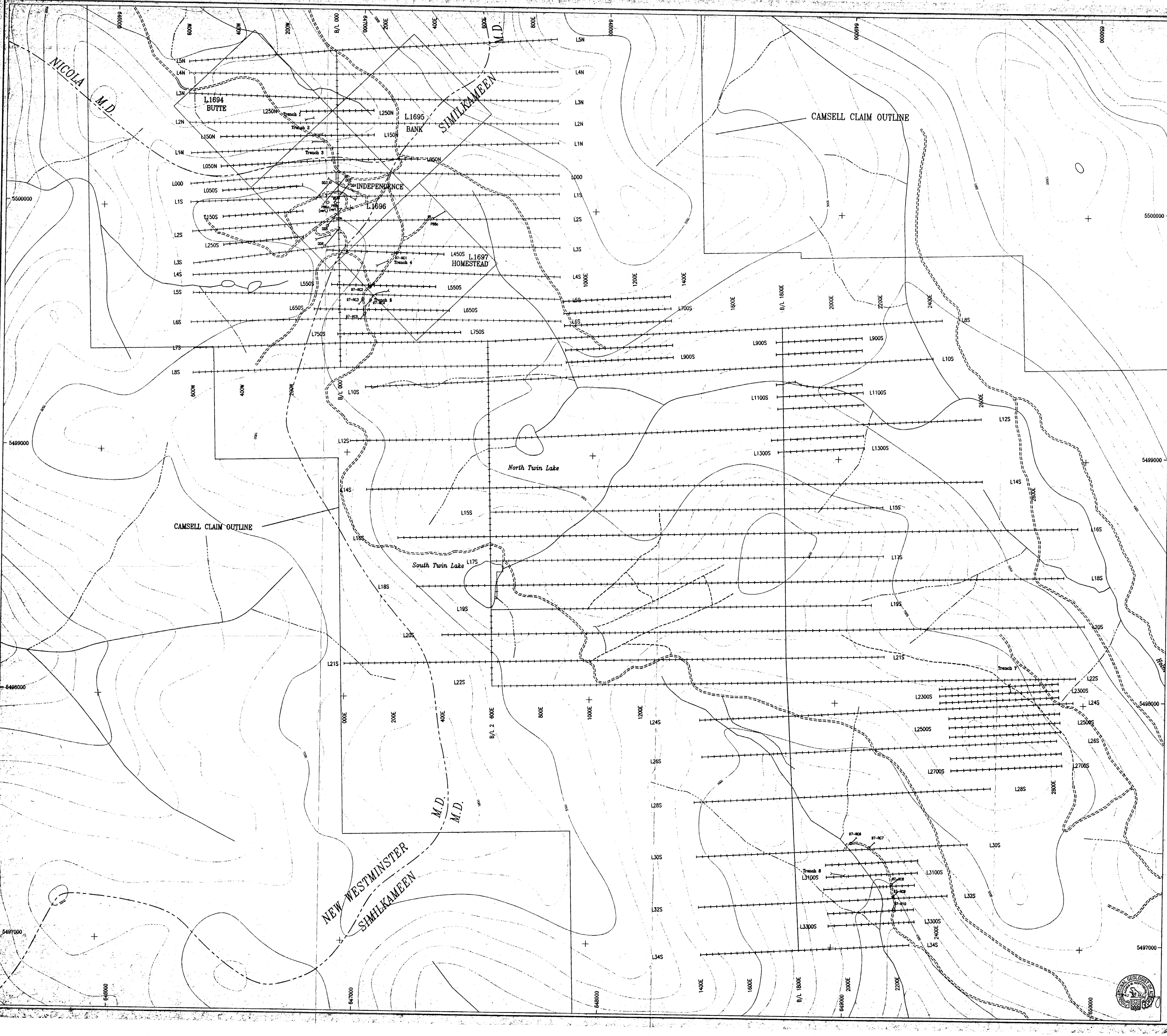
165	170	Mafic metavolcanics predominately mafic, trace pyrite	580-RC9-34
170	175	Mafic metavolcanics predominately mafic, trace pyrite	580-RC9-35

EOH

Coords: 32+50S, 22+05E		Drill type: Reverse Circulation		Hole No:	580-RC10
				Target Area:	Alpha Zone
Azimuth:	230°			Claim:	Camsell 15
Dip:	-75°			Property:	Independence
Elevation:	4500 ft			Location:	south-central B.C
Length:	115 ft	Date St.:	97.11.03		
		Date Fin.:	97.11.04	Logged by:	A. Koffyberg

Interval (ft) From	To	Description	Sample ID
0	5	no sample	
5	10	overburden large rusty mafic volcanics fragments	580-RC10-02
10	15	overburden large rusty mafic volcanics fragments	580-RC10-03
15	20	overburden large rusty mafic volcanics fragments	580-RC10-04
20	25	Mafic metavolcanics large overburden fragments, rusty, black	580-RC10-05
25	30	Mafic metavolcanics large overburden fragments, rusty, black, chloritized	580-RC10-06
30	35	Mafic metavolcanics large overburden fragments, rusty, black, chloritized	580-RC10-07
35	40	Mafic metavolcanics large overburden fragments, rusty, black, chloritized	580-RC10-08
40	45	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz	580-RC10-09
45	50	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz	580-RC10-10
50	55	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz	580-RC10-11
55	60	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz, hematite, minor biotite	580-RC10-12
60	65	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz, hematite, minor biotite	580-RC10-13

65	70	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz, hematite, minor biotite	580-RC10-14
70	75	no sample still in overburden, drilling is difficult	
75	80	no sample still in overburden, drilling is difficult	
80	85	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz, hematite, trace pyrite	580-RC10-17
85	90	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz, hematite, epidote, trace pyrite	580-RC10-18
90	95	Mafic metavolcanics large overburden fragments, rusty, black, chloritized, minor quartz, hematite, epidote, trace pyrite	580-RC10-19
95	105	no sample	
105	115	no sample	
EOH		Drilling was stopped because the rods continued to become jammed with overburden debris.	



LEGEND

Secondary road
Track
1997 Grid location
1997 Trench location
1997 Reverse circulation drill hole

Note: topographical contour interval 100 feet

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,293

0 50 100 150 200 250 300 350
metres

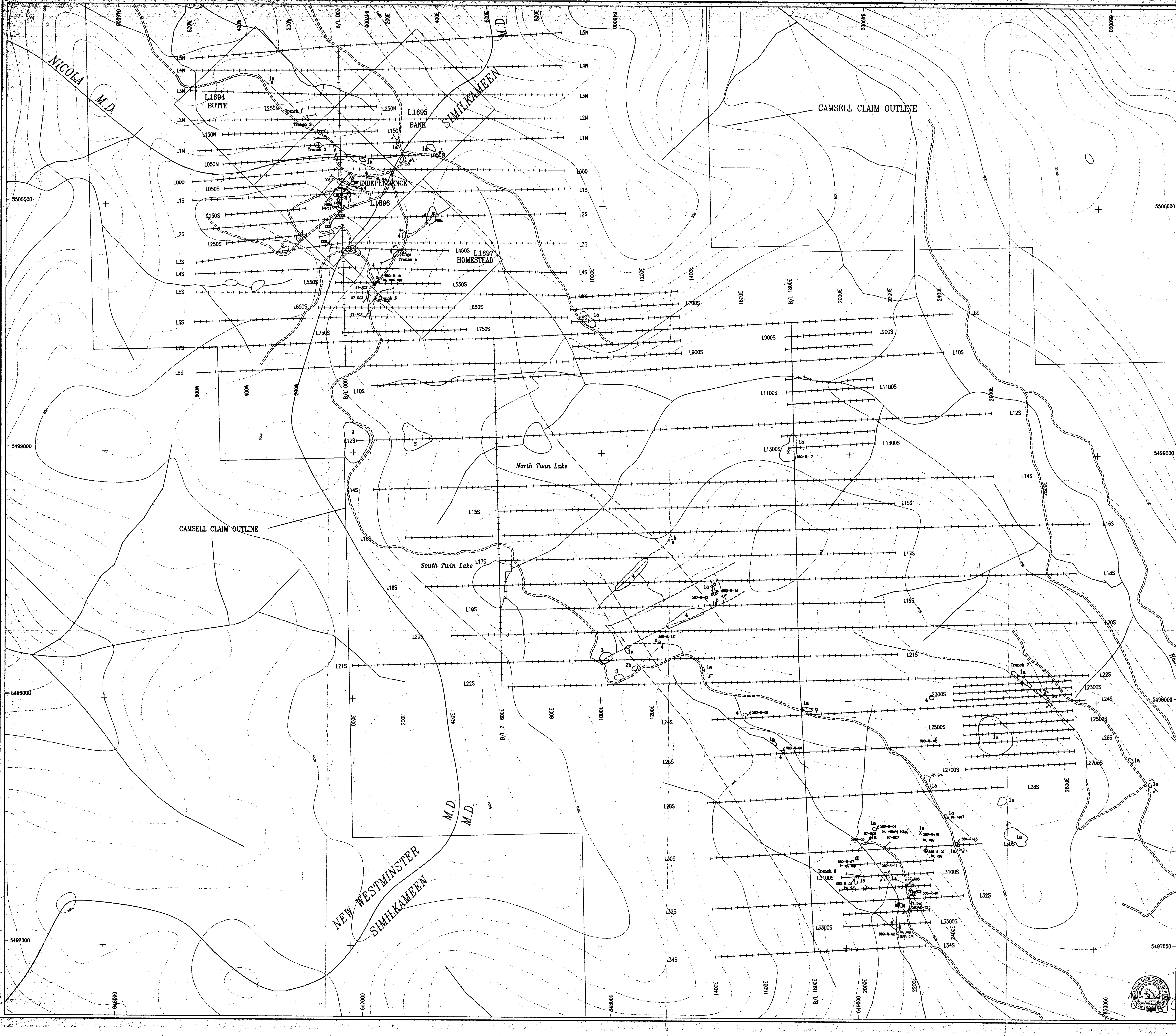
DRAWN:		January 31, 1997
REVISION DATE	REVISED BY	REVISION
April 17, 1997	Rk	1981 grid values
April 25, 1997	Rk	1988 grid values
Aug.13, 1997	Rk	1997 soil values
Sept.12/97	Rk	Rock data inserted
Path:		N:\580\dwgs\geoc_580.dwg

DISCOVERY Consultants

NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY
GEOCHEMICAL SOIL SURVEY (1)
GRID, TRENCH AND DRILL HOLE LOCATION MAP

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:5000	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 3



LEGEND

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

25,293

Secondary road

Track

1997 Grid location

1997 Trench location

97-RC1 1997 Reverse circulation drill hole

Note: topographical contour interval 100 feet

Early Tertiary

6 Feldsapr porphyry: Grey matrix, white feldspar laths (not seen in trenches)

5 Breccia: Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz

4 Quartz-feldspar-biotite porphyry, granodiorite: Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

3 Granodiorite: medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.

3a aplite, felsic dykes: Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

2a Gabbroic dykes/amphibolite: Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams

2b Syenite dykes: Medium grained, feldspar-hornblende-biotite intrusive

2c Ultramafic rocks: Grey to black, massive, pyrite

Late Triassic

Nicola Group

1a Metavolcanic rocks: Black, very fine grained, trace pyrite

1b Metasedimentary rocks: Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins

Ca carbonitized: Light blue, massive

Sil silicified: Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

outcrop

contact, measured/assumed

strike/dip of contacts

strike/dip of relic bedding

foliation/fabric

joints, vertical

shear/fault

az azurite

bx breccia

cpy chalcopyrite

fl float

gyp gypsum

mag magnetite

mal malachite

gal galena

po pyrrhotite

py pyrite

q.v. quartz vein

580-R-15 X Rock sample location

580-R-17 ⊕ Rock sample, float

0 50 100 150 200 250 300 350

metres

DRAWN:	January 31, 1997	
REVISION DATE	REVISED BY	REVISION
April 17, 1997	Rk	1981 grid values
April 25, 1997	Rk	1988 grid values
Aug.13, 1997	Rk	1997 soil values
Sept.12/97	Rk	Rock data inserted
Path:	N:\580\dwgs\geoc_580.dwg	

DISCOVERY Consultants

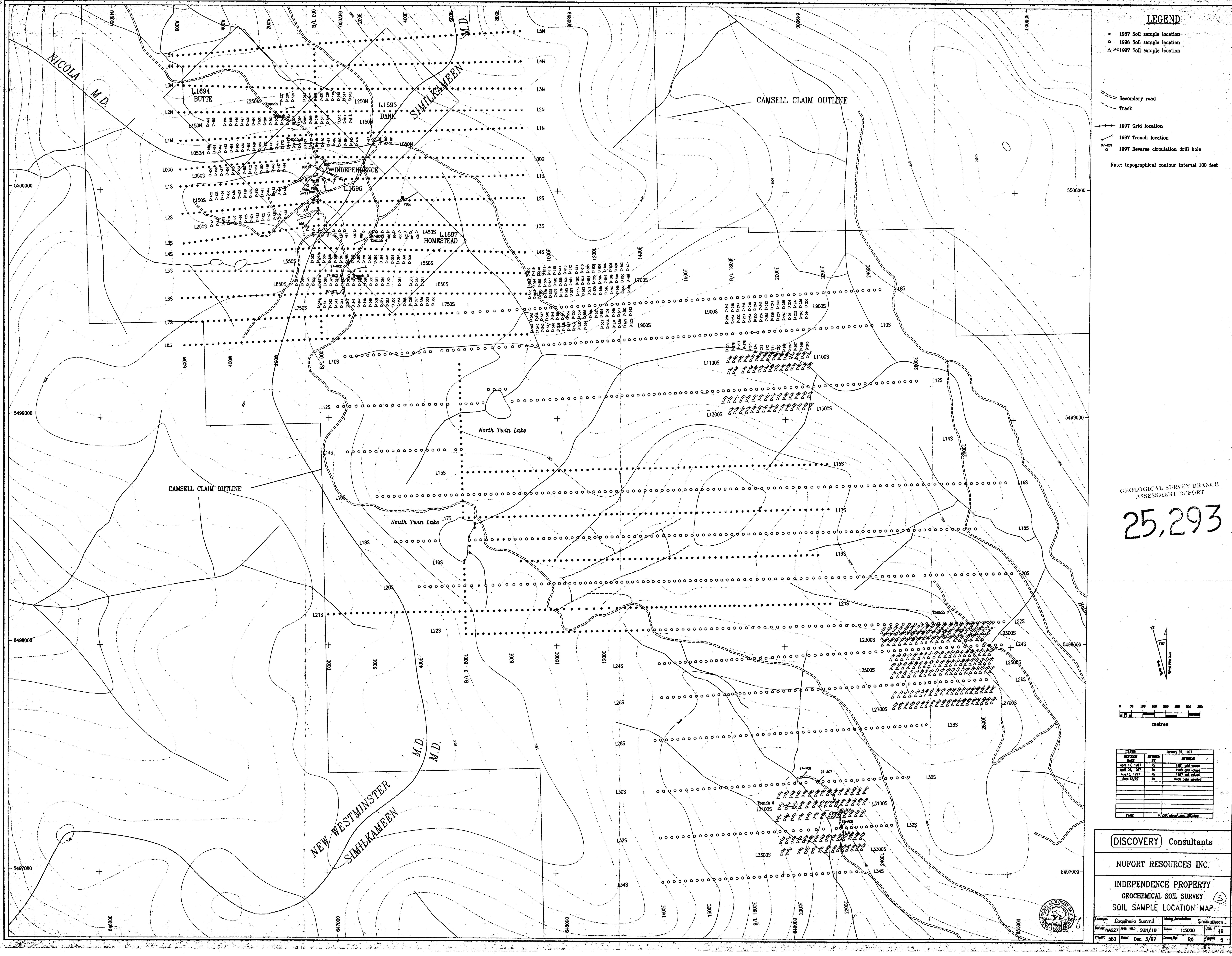
NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY (2)

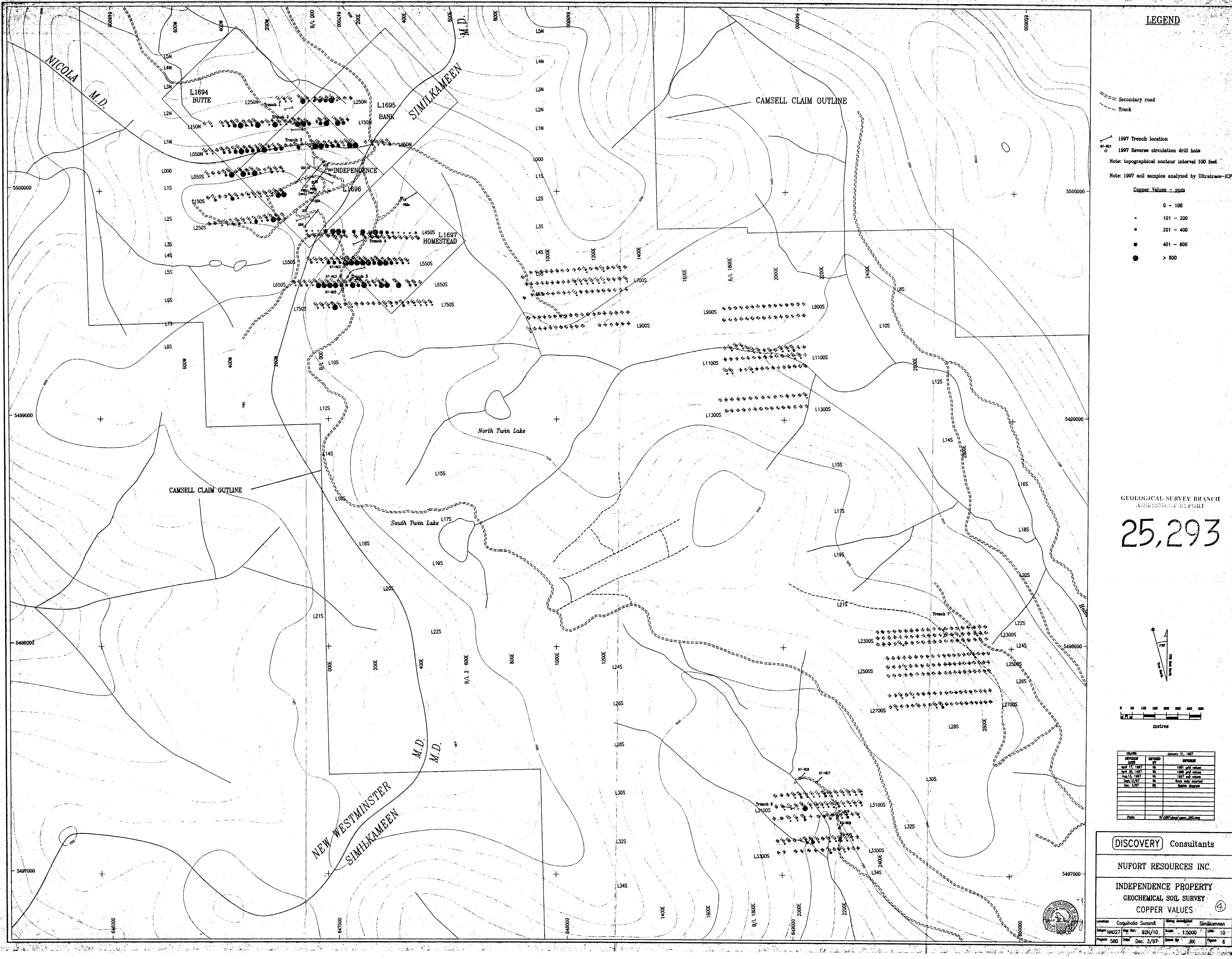
GEOLOGICAL SURVEY

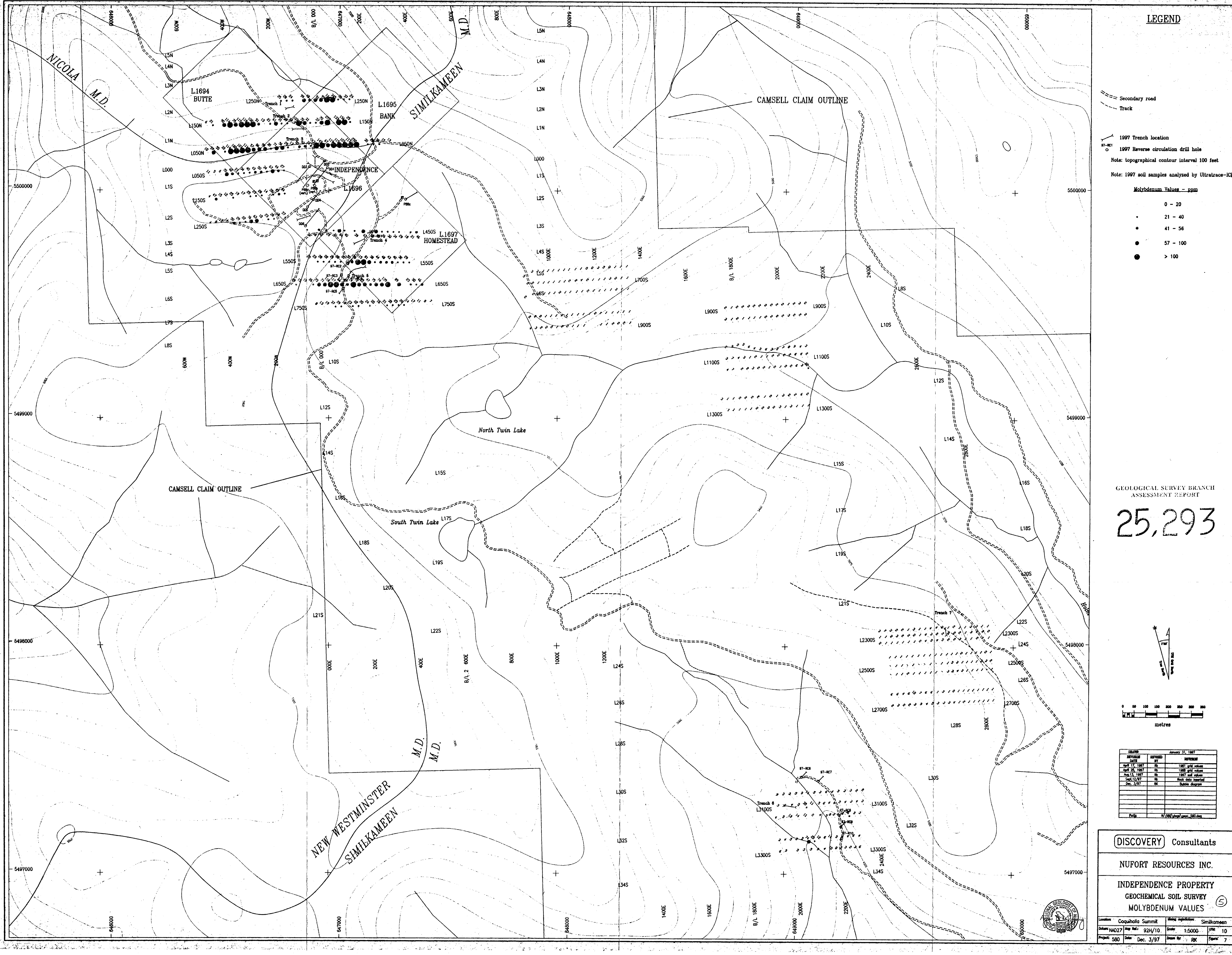
GEOLOGY and ROCK SAMPLE LOCATION MAP

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:5000	UTM: 10-
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 4

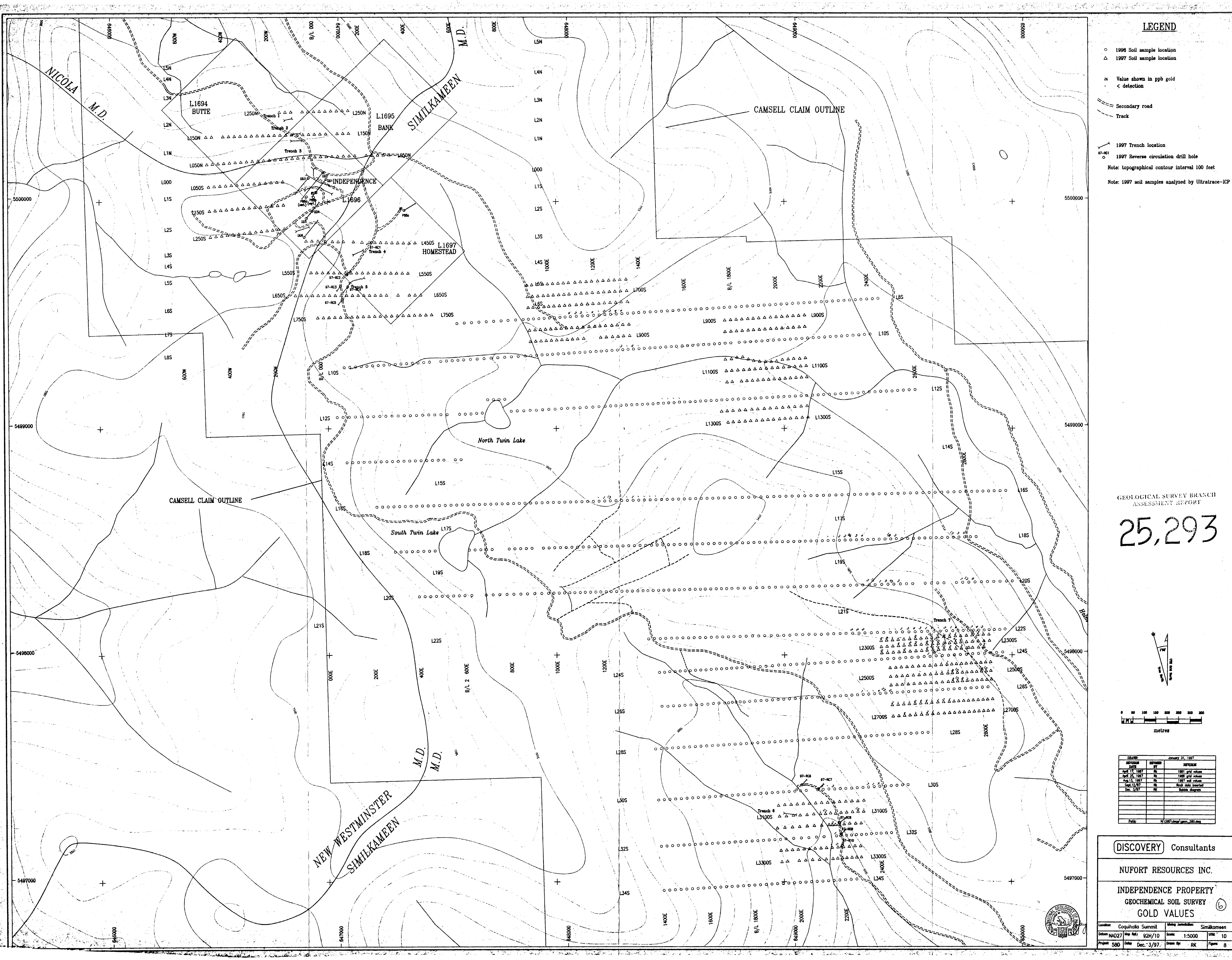


LEGEND
1987 Soil sample location
1996 Soil sample location
1997 Soil sample location
Secondary road
Track
1997 Grid location
1997 Trench location
1997 Reverse circulation drill hole
Note: topographical contour interval 100 feet
metres
CAMSELL CLAIM OUTLINE
NICOLA M.D.
SIMILKAMEEN M.D.
NEW WESTMINSTER M.D.
SIMILKAMEEN M.D.
L.1694 BUTTE
L.1695 BANK
INDEPENDENCE
L.1696
L.1697 HOMESTEAD
North Twin Lake
South Twin Lake
Trench 7
Trench 8
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,293
DISCOVERY Consultants
NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY
GEOCHEMICAL SOIL SURVEY
SOIL SAMPLE LOCATION MAP
Coquihalla Summit
Similkameen
NAD27
92H/10
1:5000
10
580
Dec. 3/97
RK
5


LEGEND
Secondary road
Track
1997 Trench location
1997 Reverse circulation drill hole
Note: topographical contour interval 100 feet
Note: 1997 soil samples analyzed by Ultratrace-ICP
Copper Values - ppm
0 - 100
101 - 200
201 - 400
401 - 800
> 800
GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT
25,293
metres
DRAWN: January 31, 1997
REVISION DATE | REVISED BY | REVISION
April 17, 1997 | Rk | 1981 grid values
April 25, 1997 | Rk | 1988 grid values
Aug.13, 1997 | Rk | 1997 soil values
Sept.12/97 | Rk | Rock data inserted
Dec. 3/97 | RK | Bubble diagram
Path: N:\580\dwgs\geoc_580.dwg
DISCOVERY Consultants
NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY
GEOCHEMICAL SOIL SURVEY
COPPER VALUES
Location: Coquihalla Summit
Mining Jurisdiction: Similkameen
Datum: NAD27
Map Ref.: 92H/10
Scale: 1:5000
UTM: 10
Project: 580
Date: Dec. 3/97
Drawn By: RK
Figure: 6
NICOLA M.D.
SIMILKAMEEN M.D.
NEW WESTMINSTER M.D.
SIMILKAMEEN M.D.
CAMSELL CLAIM OUTLINE
CAMSELL CLAIM OUTLINE
L.1694 BUTTE
L.1695 BANK
INDEPENDENCE
L.1696
L.1697 HOMESTEAD
North Twin Lake
South Twin Lake

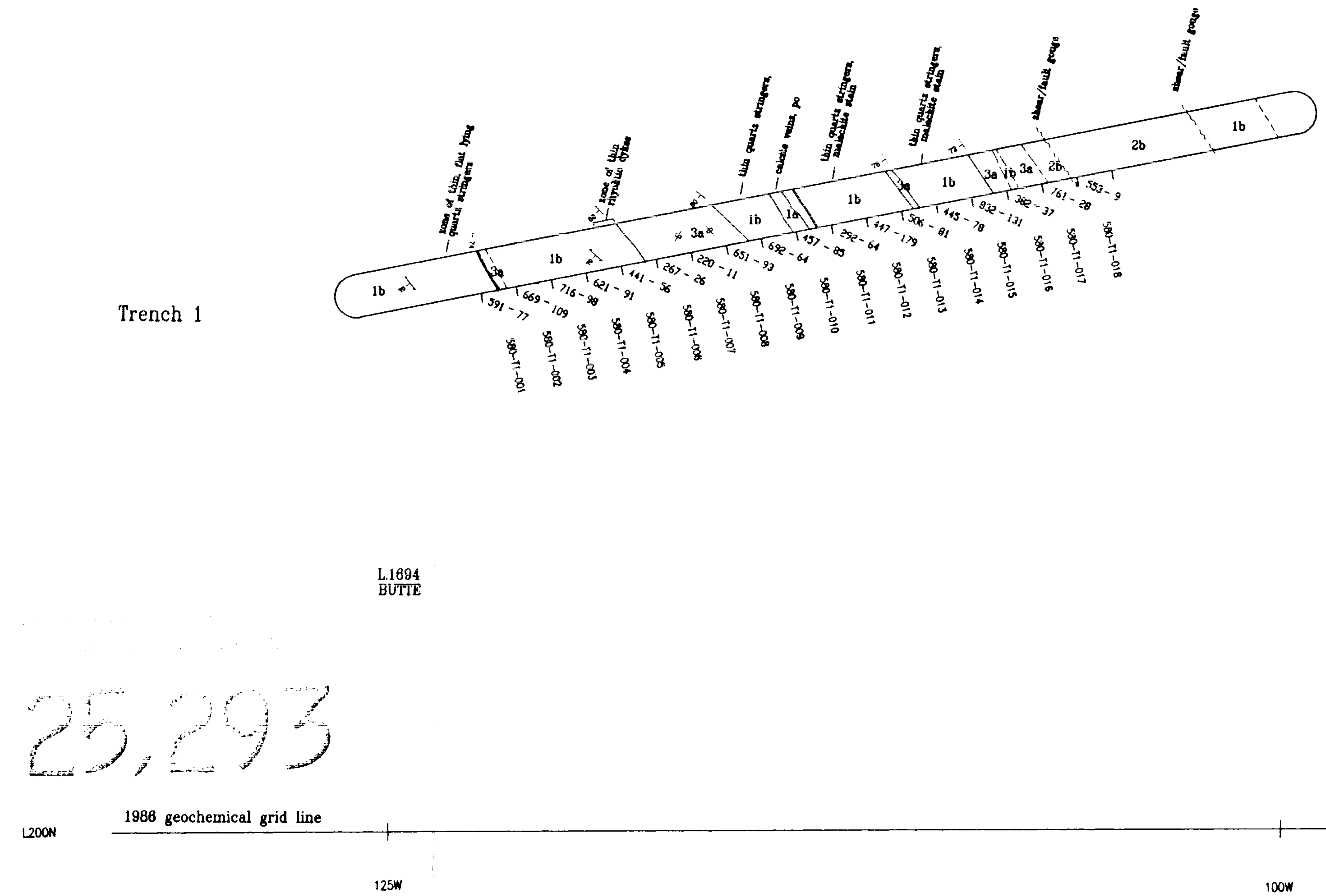


REVISION DATE	REVISED BY	REVISION
April 17, 1997	Rk	1981 grid values
April 25, 1997	Rk	1988 grid values
Aug.13, 1997	Rk	1997 soil values
Sept.12/97	Rk	Rock data inserted
Dec. 3/97	RK	Bubble diagram



LEGEND
1996 Soil sample location
1997 Soil sample location
Value shown in ppb gold
< detection
Secondary road
Track
1997 Trench location
1997 Reverse circulation drill hole
Note: topographical contour interval 100 feet
Note: 1997 soil samples analyzed by Ultratrace-ICP
NICOLA M.D.
SIMILKAMEEN M.D.
NEW WESTMINSTER M.D.
CAMSELL CLAIM OUTLINE
L.1694 BUTTE
L.1695 BANK
L.1696
INDEPENDENCE
L.1697 HOMESTEAD
North Twin Lake
South Twin Lake
GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT
25,293
metres
DISCOVERY Consultants
NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY
GEOCHEMICAL SOIL SURVEY
GOLD VALUES
Coquihalla Summit
Similkameen
NAD27
92H/10
1:5000
10
580
Dec. 3/97
RK
8

Trench 1



LEGEND

Early Tertiary

[6] Feldsapr porphyry:
Grey matrix, white feldspar laths (not seen in trenches)

[5] Breccia:
Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz

[4] Quartz-feldspar-biotite porphyry, granodiorite:
Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

[3] Granodiorite:
medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.

[3a] aplite, felsic dykes:
Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

[2a] Gabbroic dykes/amphibolite:
Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams

[2b] Syenite dykes:
Medium grained, feldspar-hornblende-biotite intrusive

[2c] Ultramafic rocks:
Grey to black, massive, pyrite

Late Triassic

Nicola Group

[1a] Metavolcanic rocks:
Black, very fine grained, trace pyrite

[1b] Metasedimentary rocks:
Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins

[Ca] carbonitized:
Light blue, massive

[Sil] silicified:
Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

contact, measured/assumed — cpy chalcopyrite
quartz vein/stringer — gyp gypsum
strike/dip of contacts — mag magnetite
foliation/fabric — gal galena
joints, vertical — po pyrrhotite
shear/fault — py pyrite

580-T1-001 Trench rock sample location

591 - 77 Copper - Molybdenum Values in ppm

0 1 2 3 4 5
metres

DRAWN:		September 5, 1997
REVISION DATE	REVISED BY	REVISION
Nov. 12, 1997	RK	Rock data
Path:		\580\dwg\97_TR1.dwg

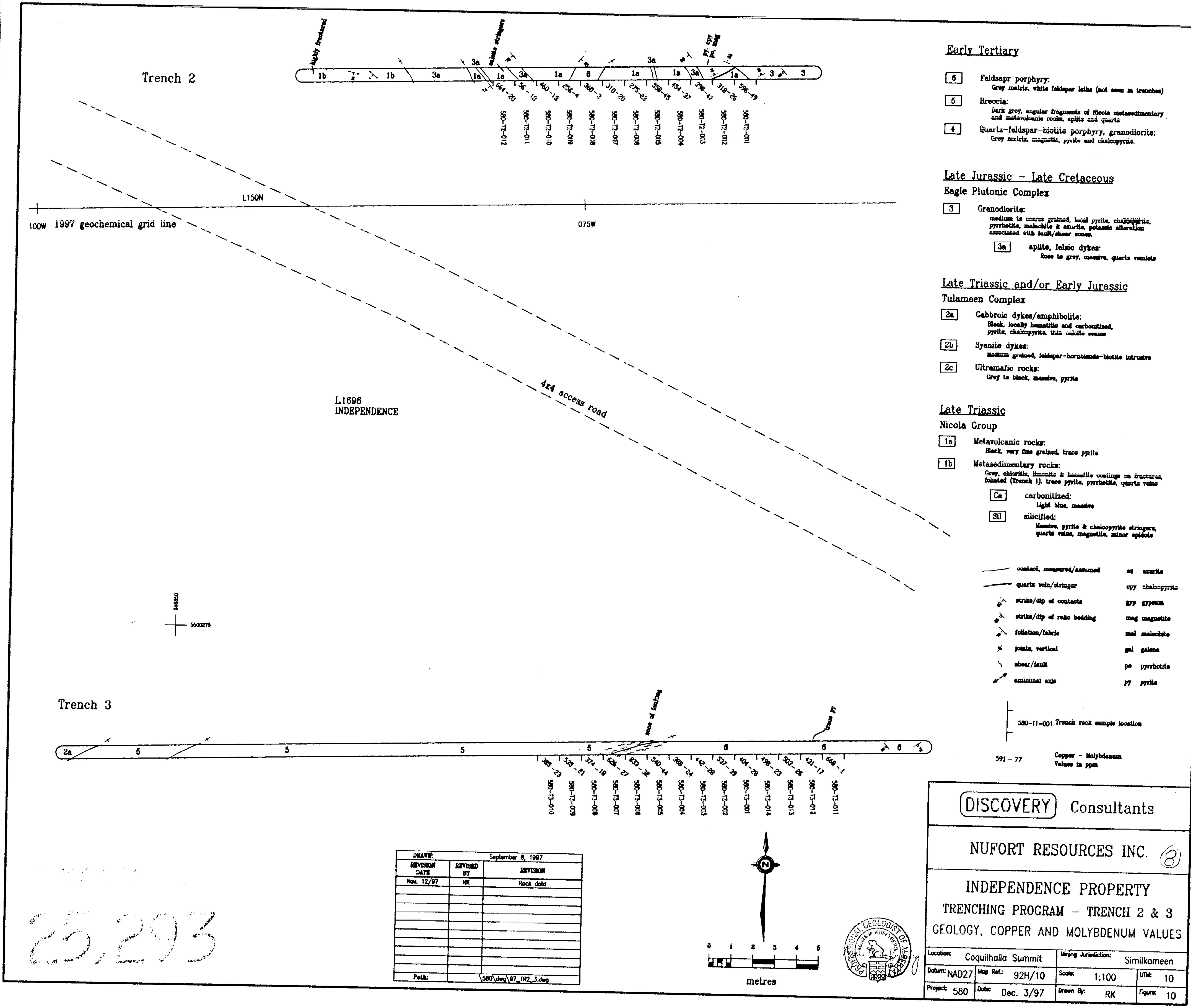
DISCOVERY Consultants

NUFORT RESOURCES INC.

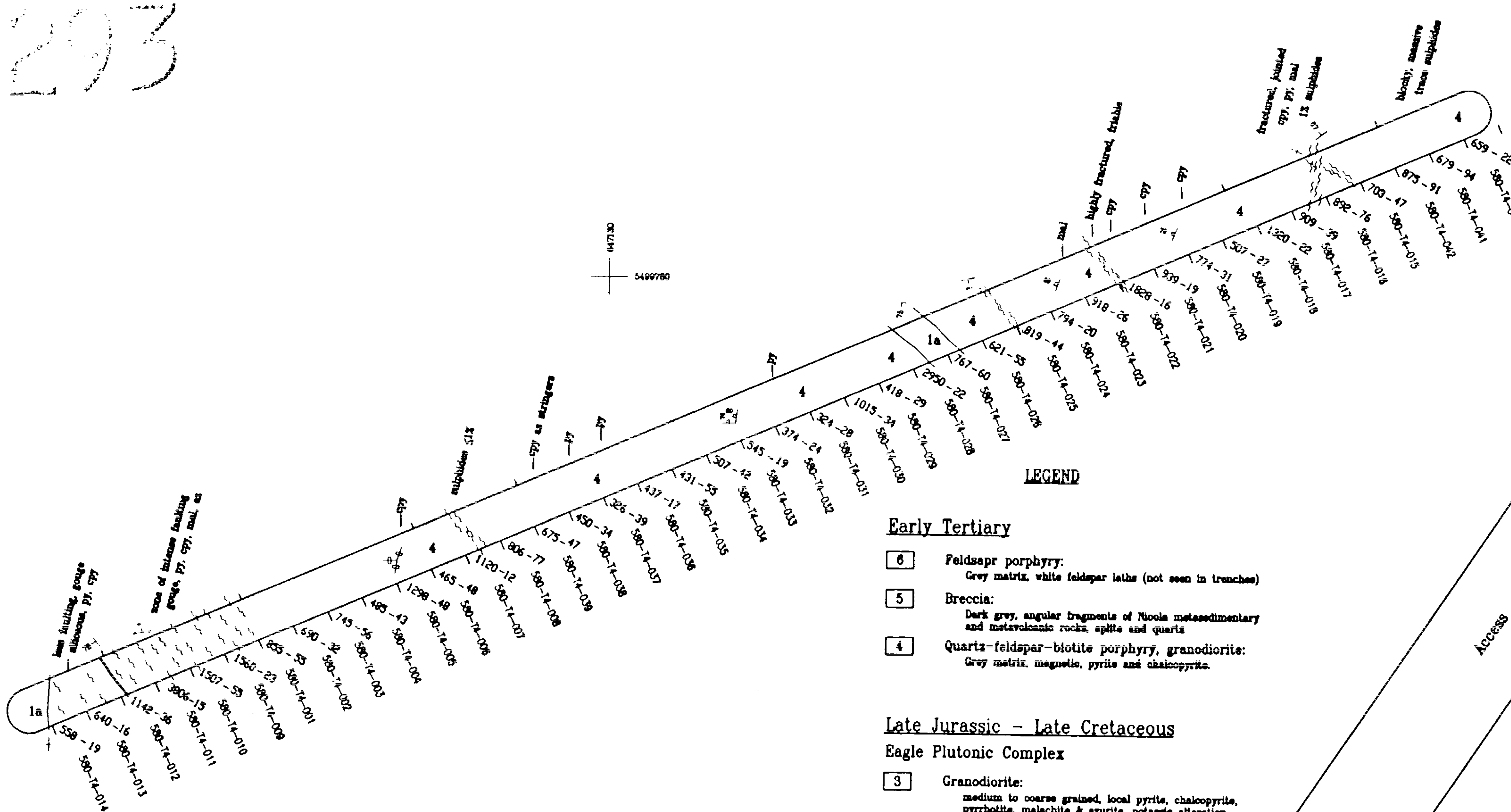
INDEPENDENCE PROPERTY
TRENCHING PROGRAM - TRENCH 1
GEOLOGY, COPPER AND MOLYBDENUM VALUES

(7)

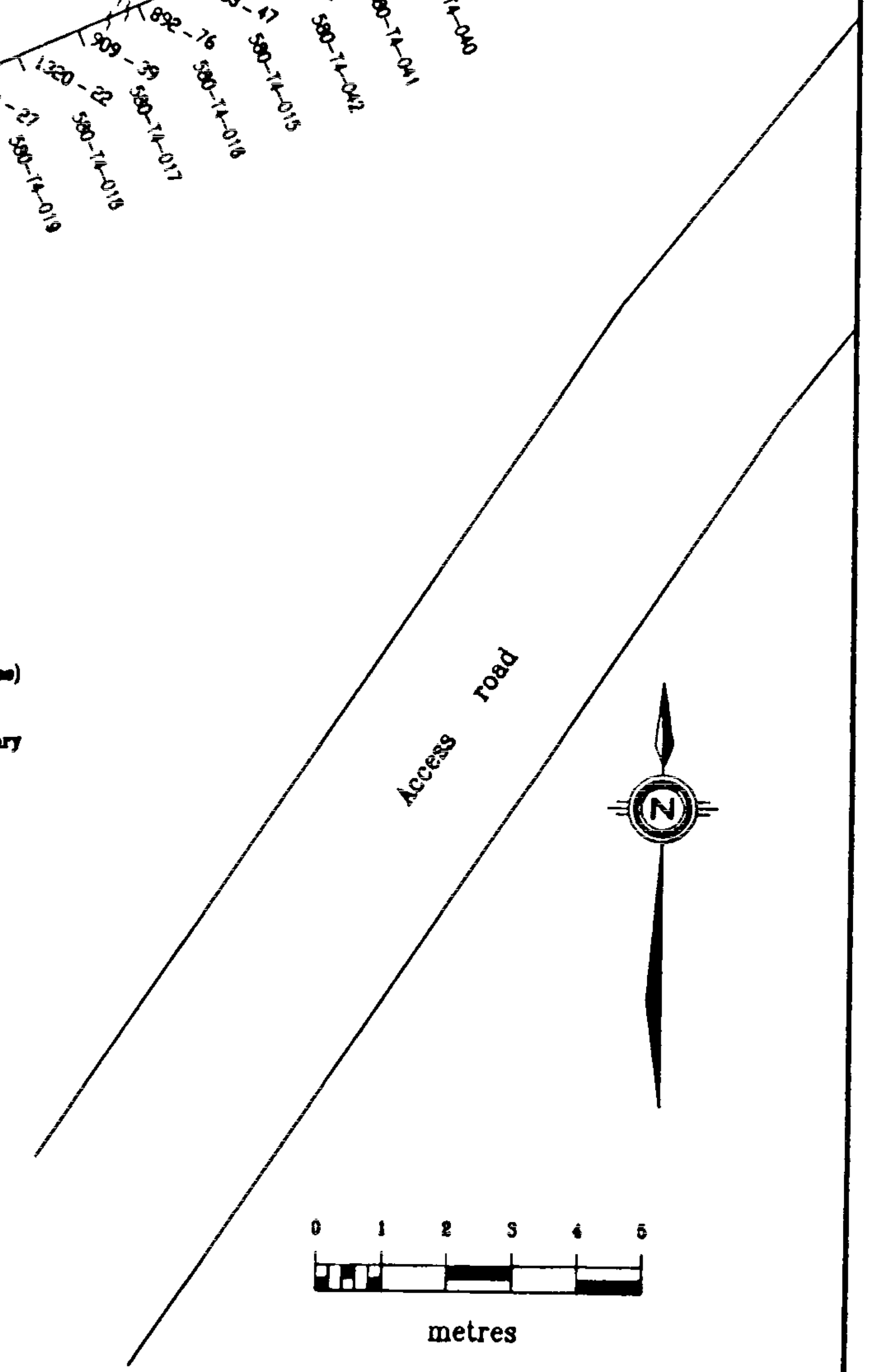
Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 9


Trench 2
Trench 3
L150N
100W
1997 geochemical grid line
075W
4x4 access road
L.1696
INDEPENDENCE
Early Tertiary
6 Feldspar porphyry: Grey matrix, white feldspar laths (not seen in trenches)
5 Breccia: Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz
4 Quartz-feldspar-biotite porphyry, granodiorite: Grey matrix, magnetic, pyrite and chalcopyrite.
Late Jurassic - Late Cretaceous
Eagle Plutonic Complex
3 Granodiorite: medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.
3a aplite, felsic dykes: Rose to grey, massive, quartz veinlets
Late Triassic and/or Early Jurassic
Tulameen Complex
2a Gabbroic dykes/amphibolite: Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams
2b Syenite dykes: Medium grained, feldspar-hornblende-biotite intrusive
2c Ultramafic rocks: Grey to black, massive, pyrite
Late Triassic
Nicola Group
1a Metavolcanic rocks: Black, very fine grained, trace pyrite
1b Metasedimentary rocks: Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins
Ca carbonitized: Light blue, massive
Sil silicified: Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote
contact, measured/assumed
quartz vein/stringer
strike/dip of contacts
strike/dip of relic bedding
foliation/fabric
joints, vertical
shear/fault
anticlinal axis
az azurite
cpy chalcopyrite
gyp gypsum
mag magnetite
mal malachite
gal galena
po pyrrhotite
py pyrite
580-T1-001 Trench rock sample location
591 - 77 Copper - Molybdenum Values in ppm
DRAWN: September 8, 1997
REVISION DATE | REVISED BY | REVISION
Nov. 12/97 | RK | Rock data
Path: 580\dwg\97_TR2_3.dwg
metres
0 1 2 3 4 5
DISCOVERY Consultants
NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY
TRENCHING PROGRAM - TRENCH 2 & 3
GEOLOGY, COPPER AND MOLYBDENUM VALUES
Location: Coquihalla Summit
Mining Jurisdiction: Similkameen
Datum: NAD27
Map Ref.: 92H/10
Scale: 1:100
UTM: 10
Project: 580
Date: Dec. 3/97
Drawn By: RK
Figure: 10
25,293

25,293



Trench 4



LEGEND

Early Tertiary

6 Feldsapr porphyry:
Grey matrix, white feldspar laths (not seen in trenches)

5 Breccia:
Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz

4 Quartz-feldspar-biotite porphyry, granodiorite:
Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

3 Granodiorite:
medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.

3a aplite, felsic dykes:
Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

2a Gabbroic dykes/amphibolite:
Black, locally hematitic and carbonitised, pyrite, chalcopyrite, thin calcite seams

2b Syenite dykes:
Medium grained, feldspar-hornblende-biotite intrusive

2c Ultramafic rocks:
Grey to black, massive, pyrite

Late Triassic

Nicola Group

1a Metavolcanic rocks:
Black, very fine grained, trace pyrite

1b Metasedimentary rocks:
Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins

Ca carbonitized:
Light blue, massive

Sil silicified:
Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

580-T1-001 Trench rock sample location

591 - 77 Copper - Molybdenum Values in ppm

contact, measured/assumed		az	azurite
quartz vein/stringer		cpy	chalcopyrite
strike/dip of contacts		gyp	gypsum
strike/dip of relic bedding		mag	magnetite
foliation/fabric		mal	malachite
joints, vertical		gal	galena
shear/fault		po	pyrrhotite
anticlinal axis		py	pyrite

DRAWN:	September 8,1997	
REVISION DATE	REVISED BY	REVISION
Sept.16/97	RK	Rock data inserted
Path:	\580\dwg\97_tr4.dwg	

GEOLOGIST OF ALBERTA — JAMES M. KOFFYBERG (seal)

DISCOVERY Consultants

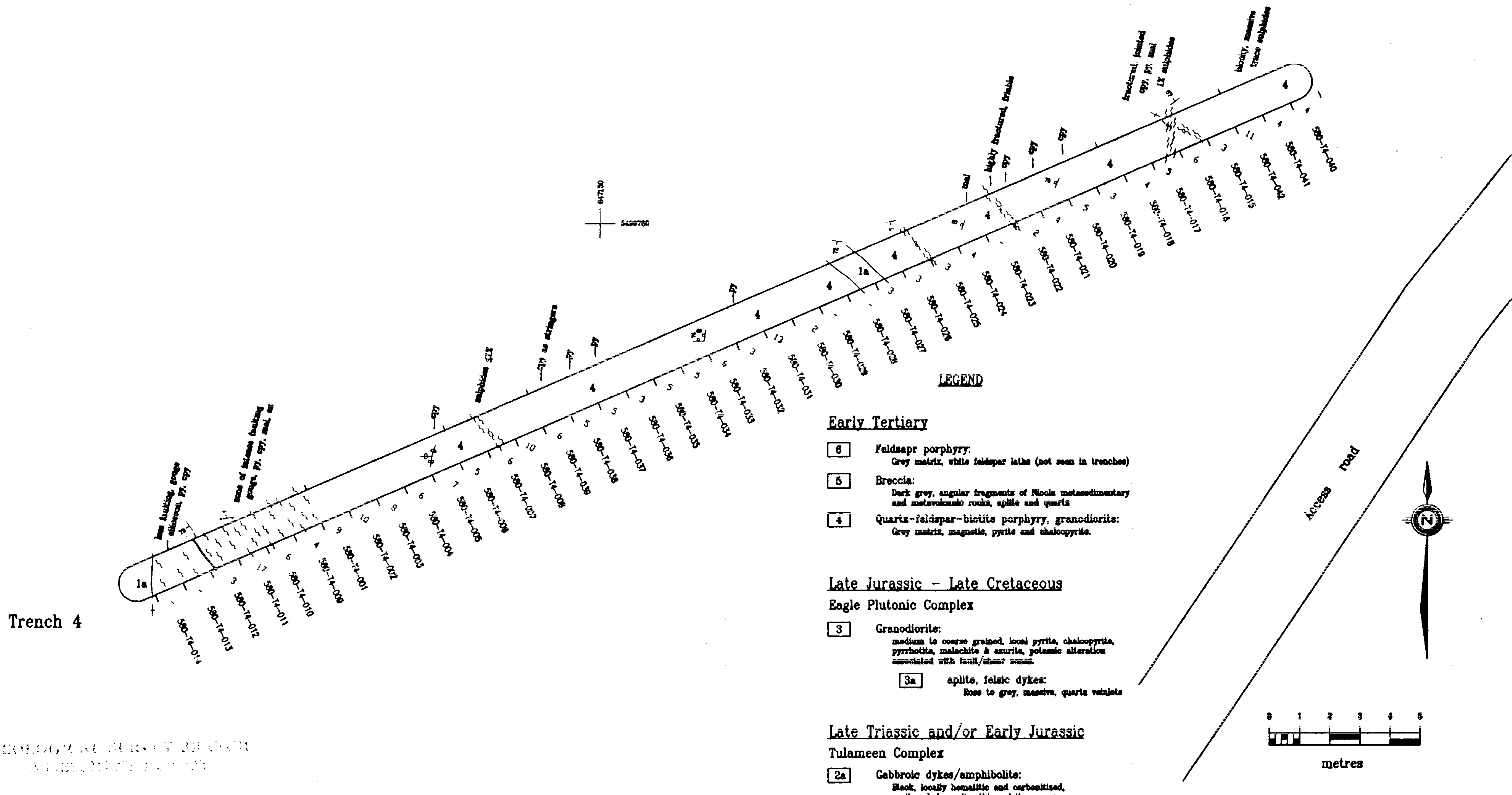
NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY (9)

Trenching Program - Trench 4

GEOLOGY, COPPER AND MOLYBDENUM VALUES

Location: Coquilhalla Summit		Mining Jurisdiction: Simílkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 11



LEGEND

Early Tertiary

6 Feldsapr porphyry: Grey matrix, white feldspar laths (not seen in trenches)

5 Breccia: Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz

4 Quartz-feldspar-biotite porphyry, granodiorite: Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

3 Granodiorite: medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.

3a aplite, felsic dykes: Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

2a Gabbroic dykes/amphibolite: Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams

2b Syenite dykes: Medium grained, feldspar-hornblende-biotite intrusive

2c Ultramafic rocks: Grey to black, massive, pyrite

Late Triassic

Nicola Group

1a Metavolcanic rocks: Black, very fine grained, trace pyrite

1b Metasedimentary rocks: Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins

Ca carbonitized: Light blue, massive

Sil silicified: Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

0 1 2 3 4 5

metres

580-T1-001 Trench rock sample location

0.02 Values shown in ppb Au

\- <2 ppb Au

contact, measured/assumed		az	azurite
quartz vein/stringer		cpy	chalcopyrite
strike/dip of contacts		gyp	gypsum
strike/dip of relic bedding		mag	magnetite
foliation/fabric		mal	malachite
joints, vertical		gal	galena
shear/fault		po	pyrrhotite
anticlinal axis		py	pyrite

GEOLOGICAL SURVEY BRANCH ASSESSMENT REPORT

25,293

DRAWN:	September 8,1997	
REVISION DATE	REVISED BY	REVISION
Sept.16/97	RK	Rock data inserted
Path:	\580\dwg\97_tr4.dwg	

DISCOVERY Consultants

NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY

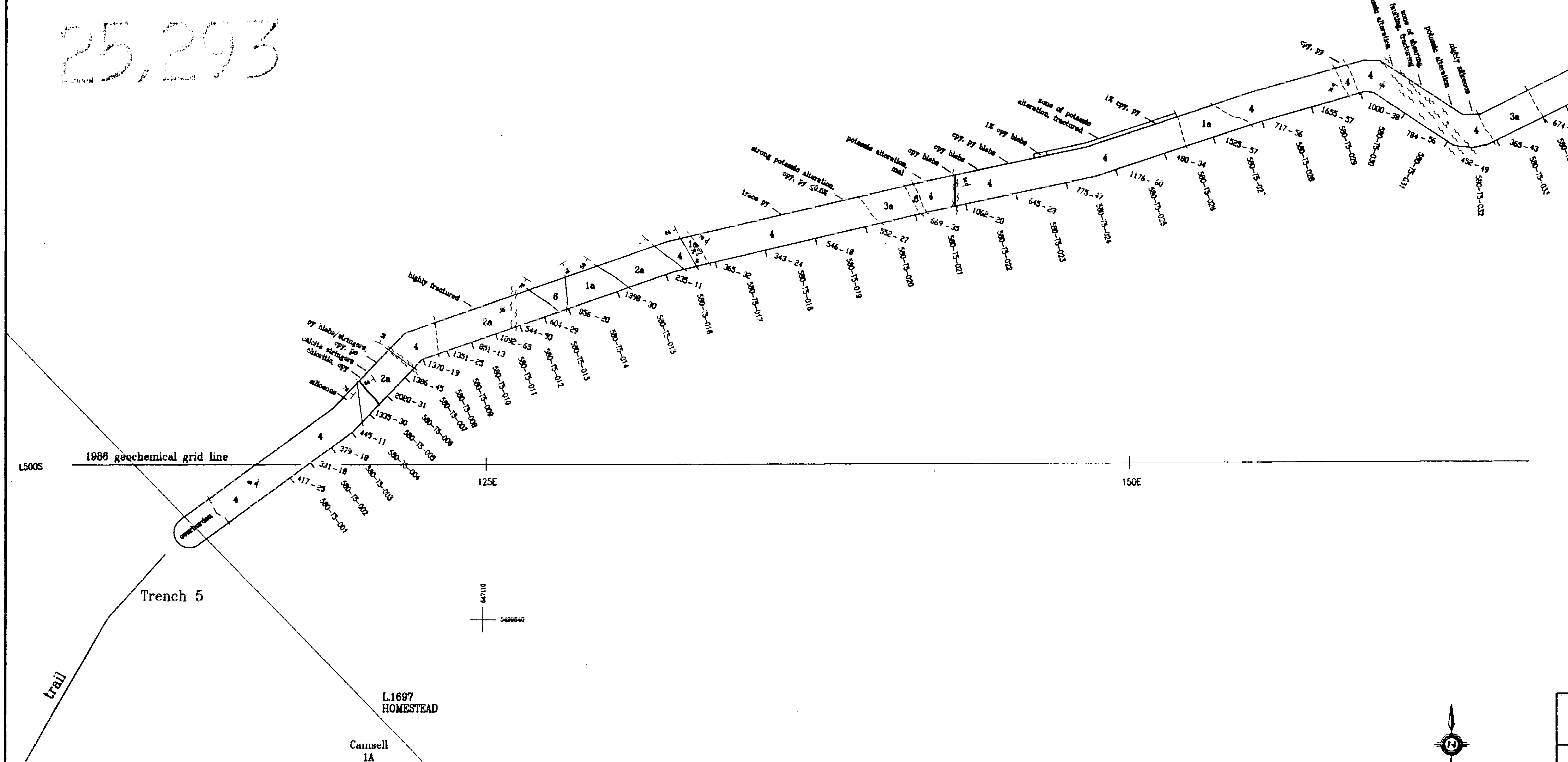
Trenching Program - Trench 4

GEOLOGY and GOLD VALUES

(10)

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 12

25,293



Early Tertiary

6 Feldsapr porphyry:
Grey matrix, white feldspar laths (not seen in trenches)

5 Breccia:
Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz

4 Quartz-feldspar-biotite porphyry, granodiorite:
Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

3 Granodiorite:
medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.

3a aplite, felsic dykes:
Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

2a Gabbroic dykes/amphibolite:
Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams

2b Syenite dykes:
Medium grained, feldspar-hornblende-biotite intrusive

2c Ultramafic rocks:
Grey to black, massive, pyrite

Late Triassic

Nicola Group

1a Metavolcanic rocks:
Black, very fine grained, trace pyrite

1b Metasedimentary rocks:
Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins

Ca carbonitized:
Light blue, massive

Sil silicified:
Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

580-T1-001 Trench rock sample location

591 - 77 Copper - Molybdenum Values in ppm

- contact, measured/assumed
- quartz vein/stringer
- strike/dip of contacts
- strike/dip of relic bedding
- foliation/fabric
- joints, vertical
- shear/fault
- anticlinal axis

az	azurite
cpy	chalcopyrite
gyp	gypsum
mag	magnetite
mal	malachite
gal	galena
po	pyrrhotite
py	pyrite

0 1 2 3 4 5
metres

PROFESSIONAL GEOLOGIST OF ALBERTA
AGNES M. KOFFYBERG

DRAWN:	September 8,1997	
REVISION DATE	REVISED BY	REVISION
Sept.16/97	RK	Rock data inserted
Path:	\580\dwg\97_tr5.dwg	

DISCOVERY Consultants

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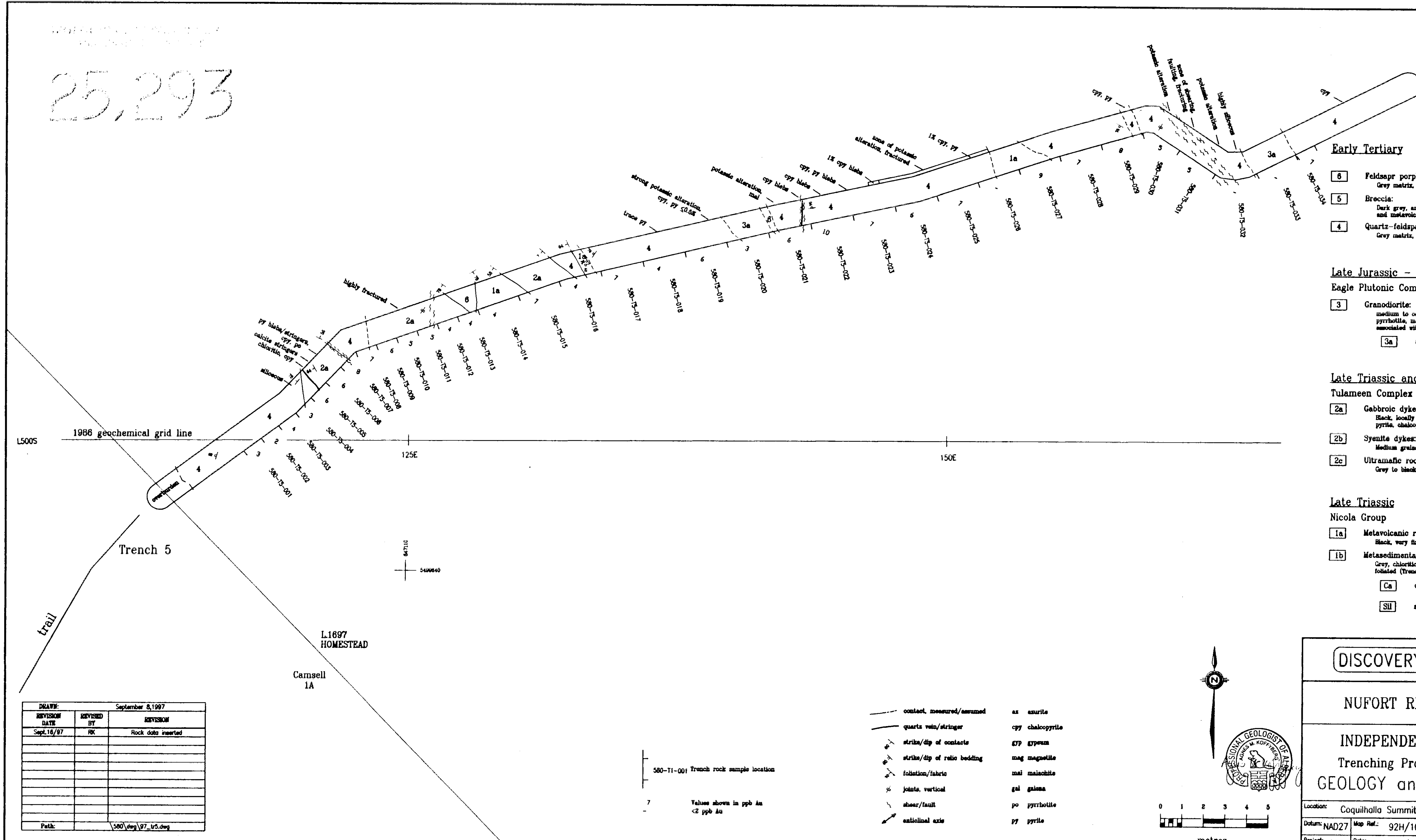
INDEPENDENCE PROPERTY (11)

Trenching Program - Trench 5

GEOLOGY, COPPER AND MOLYBDENUM VALUES

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 13

25,293



Early Tertiary

6	**Feldsapr porphyry:** Grey matrix, white feldspar laths (not seen in trenches)
5	**Breccia:** Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz
4	**Quartz-feldspar-biotite porphyry, granodiorite:** Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

3	**Granodiorite:** medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.
3a	**aplite, felsic dykes:** Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

2a	**Gabbroic dykes/amphibolite:** Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams
2b	**Syenite dykes:** Medium grained, feldspar-hornblende-biotite intrusive
2c	**Ultramafic rocks:** Grey to black, massive, pyrite

Late Triassic

Nicola Group

1a	**Metavolcanic rocks:** Black, very fine grained, trace pyrite
1b	**Metasedimentary rocks:** Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins
Ca	**carbonitized:** Light blue, massive
Sil	**silicified:** Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

580-T1-001 Trench rock sample location

7 Values shown in ppb Au
- <2 ppb Au

Symbol		Abbrev.	
	contact, measured/assumed	az	azurite
	quartz vein/stringer	cpy	chalcopyrite
	strike/dip of contacts	gyp	gypsum
	strike/dip of relic bedding	mag	magnetite
	foliation/fabric	mal	malachite
	joints, vertical	gal	galena
	shear/fault	po	pyrrhotite
	anticlinal axis	py	pyrite

DRAWN:	September 8,1997	
REVISION DATE	REVISED BY	REVISION
Sept.16/97	RK	Rock data inserted
Path:		580\dwg\97_tr5.dwg

DISCOVERY Consultants

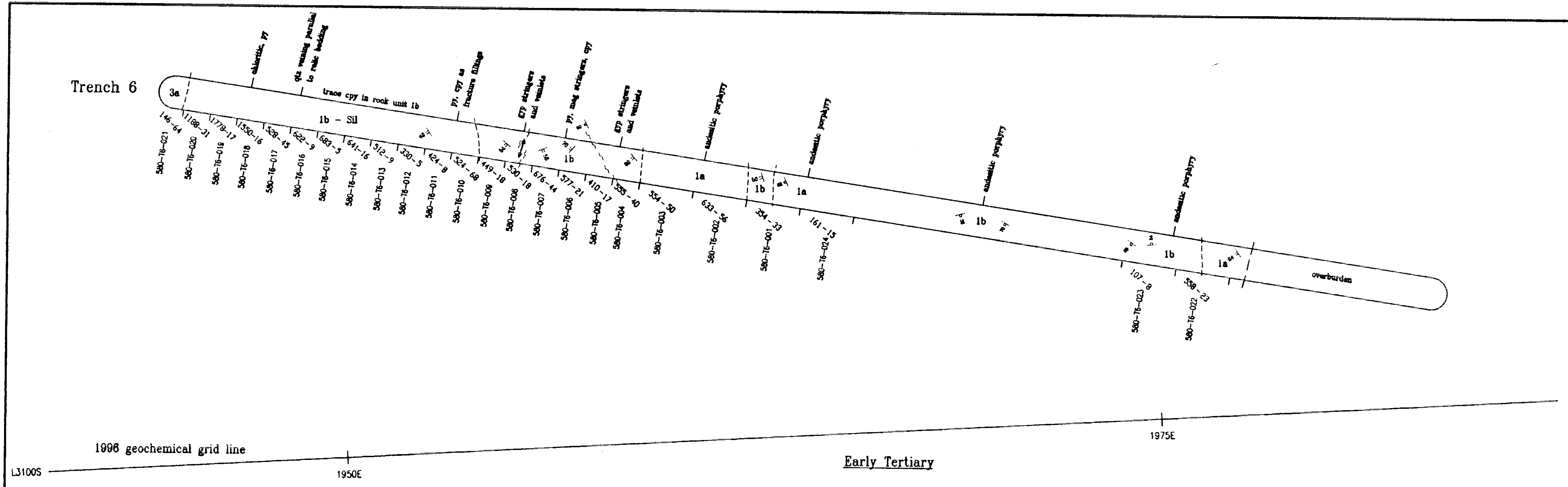
NUFORT RESOURCES INC.

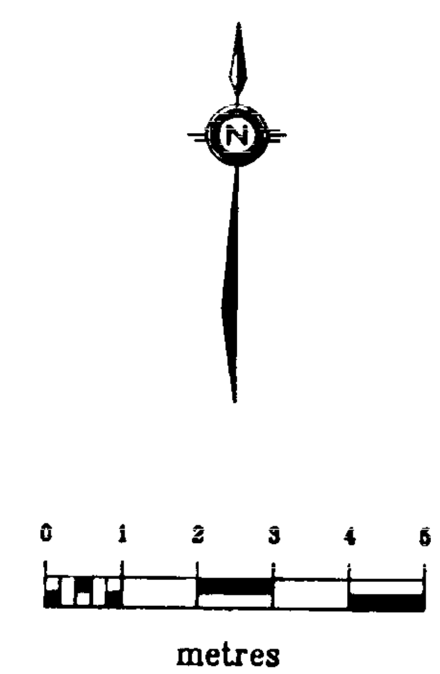
INDEPENDENCE PROPERTY (12)

Trenching Program - Trench 5

GEOLOGY and GOLD VALUES

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 14





Early Tertiary

6 **Feldsapr porphyry:**
Grey matrix, white feldspar laths (not seen in trenches)

5 **Breccia:**
Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz

4 **Quartz–feldspar–biotite porphyry, granodiorite:**
Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic – Late Cretaceous

Eagle Plutonic Complex

3 **Granodiorite:**
medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.

3a **aplite, felsic dykes:**
Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

2a **Gabbroic dykes/amphibolite:**
Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams

2b **Syenite dykes:**
Medium grained, feldspar–hornblende–biotite intrusive

2c **Ultramafic rocks:**
Grey to black, massive, pyrite

Late Triassic

Nicola Group

1a **Metavolcanic rocks:**
Black, very fine grained, trace pyrite

1b **Metasedimentary rocks:**
Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins

Ca **carbonitized:**
Light blue, massive

Sil **silicified:**
Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

contact, measured/assumed		as	azurite
quartz vein/stringer		cpy	chalcopyrite
strike/dip of contacts		gyp	gypsum
strike/dip of relic bedding		mag	magnetite
foliation/fabric		mal	malachite
joints, vertical		gal	galena
shear/fault		po	pyrrhotite
anticlinal axis		py	pyrite

580-T1-001 Trench rock sample location

591 – 77 Copper – Molybdenum Values in ppm

25,293

DRAWN:	September 9, 1997	
REVISION DATE	REVISED BY	REVISION
Sept.16/97	RK	Rock data inserted
Path:	\580\dwg\97_TR6.dwg	

DISCOVERY Consultants

NUFORT RESOURCES INC.

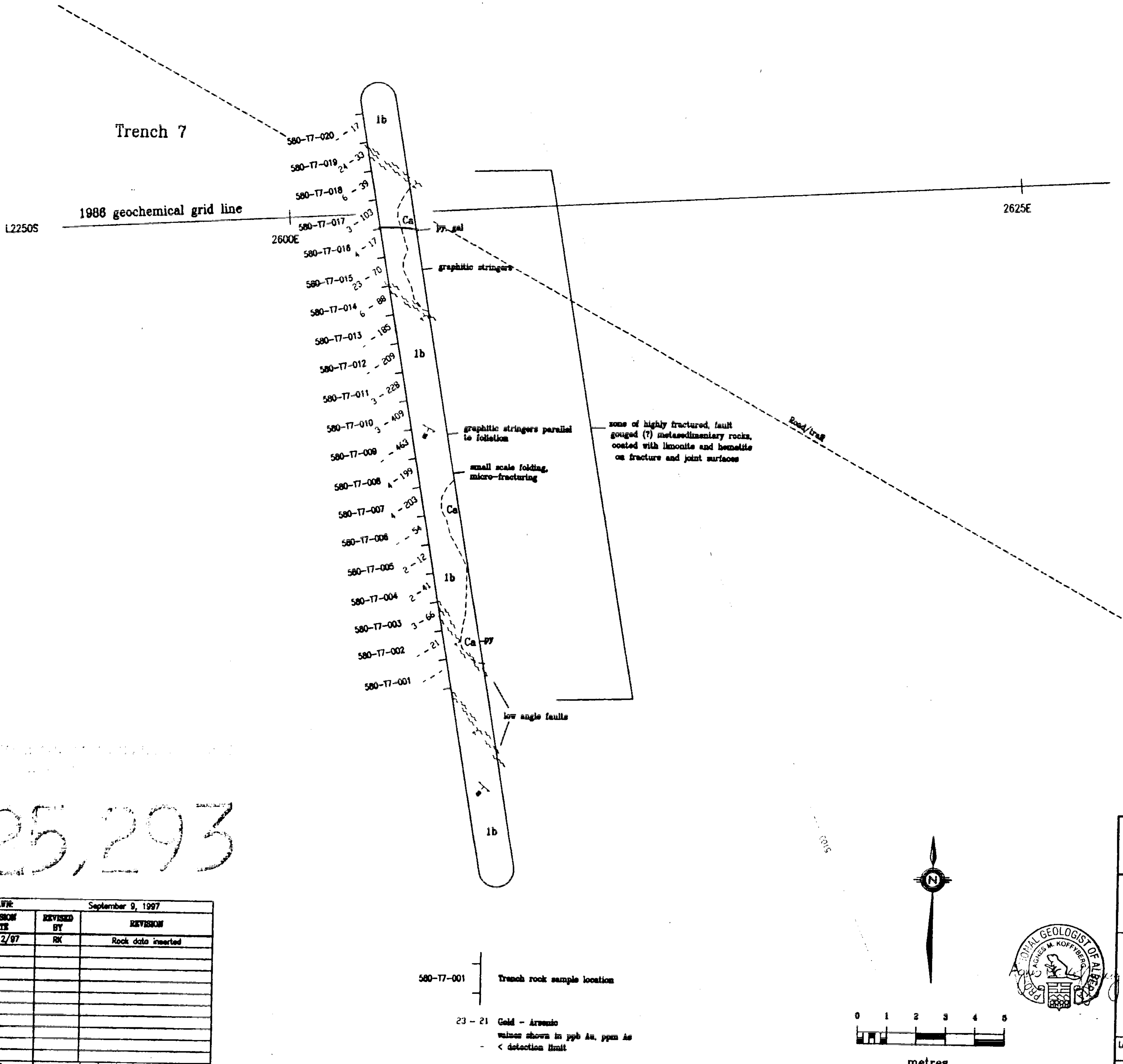
INDEPENDENCE PROPERTY

TRENCHING PROGRAM – TRENCH 6

GEOLOGY, COPPER AND MOLYBDENUM VALUES

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 15

PROFESSIONAL GEOLOGIST OF ALBERTA



25,293

Early Tertiary

- **6** Feldsapr porphyry: Grey matrix, white feldspar laths (not seen in trenches)
- **5** Breccia: Dark grey, angular fragments of Nicola metasedimentary and metavolcanic rocks, aplite and quartz
- **4** Quartz-feldspar-biotite porphyry, granodiorite: Grey matrix, magnetic, pyrite and chalcopyrite.

Late Jurassic - Late Cretaceous

Eagle Plutonic Complex

- **3** Granodiorite: medium to coarse grained, local pyrite, chalcopyrite, pyrrhotite, malachite & azurite, potassic alteration associated with fault/shear zones.
  - **3a** aplite, felsic dykes: Rose to grey, massive, quartz veinlets

Late Triassic and/or Early Jurassic

Tulameen Complex

- **2a** Gabbroic dykes/amphibolite: Black, locally hematitic and carbonitized, pyrite, chalcopyrite, thin calcite seams
- **2b** Syenite dykes: Medium grained, feldspar-hornblende-biotite intrusive
- **2c** Ultramafic rocks: Grey to black, massive, pyrite

Late Triassic

Nicola Group

- **1a** Metavolcanic rocks: Black, very fine grained, trace pyrite
- **1b** Metasedimentary rocks: Grey, chloritic, limonite & hematite coatings on fractures, foliated (Trench 1), trace pyrite, pyrrhotite, quartz veins
  - **Ca** carbonitized: Light blue, massive
  - **Sil** silicified: Massive, pyrite & chalcopyrite stringers, quartz veins, magnetite, minor epidote

contact, measured/assumed		az	azurite
quartz vein/stringer		cpy	chalcopyrite
strike/dip of contacts		gyp	gypsum
strike/dip of relic bedding		mag	magnetite
foliation/fabric		mal	malachite
joints, vertical		gal	galena
shear/fault		po	pyrrhotite
anticlinal axis		py	pyrite

DRAWN:	September 9, 1997	
REVISION DATE	REVISED BY	REVISION
Sept.12/97	RK	Rock data inserted
Path:		\580\dwg\97_TR7.dwg

DISCOVERY Consultants

NUFORT RESOURCES INC.

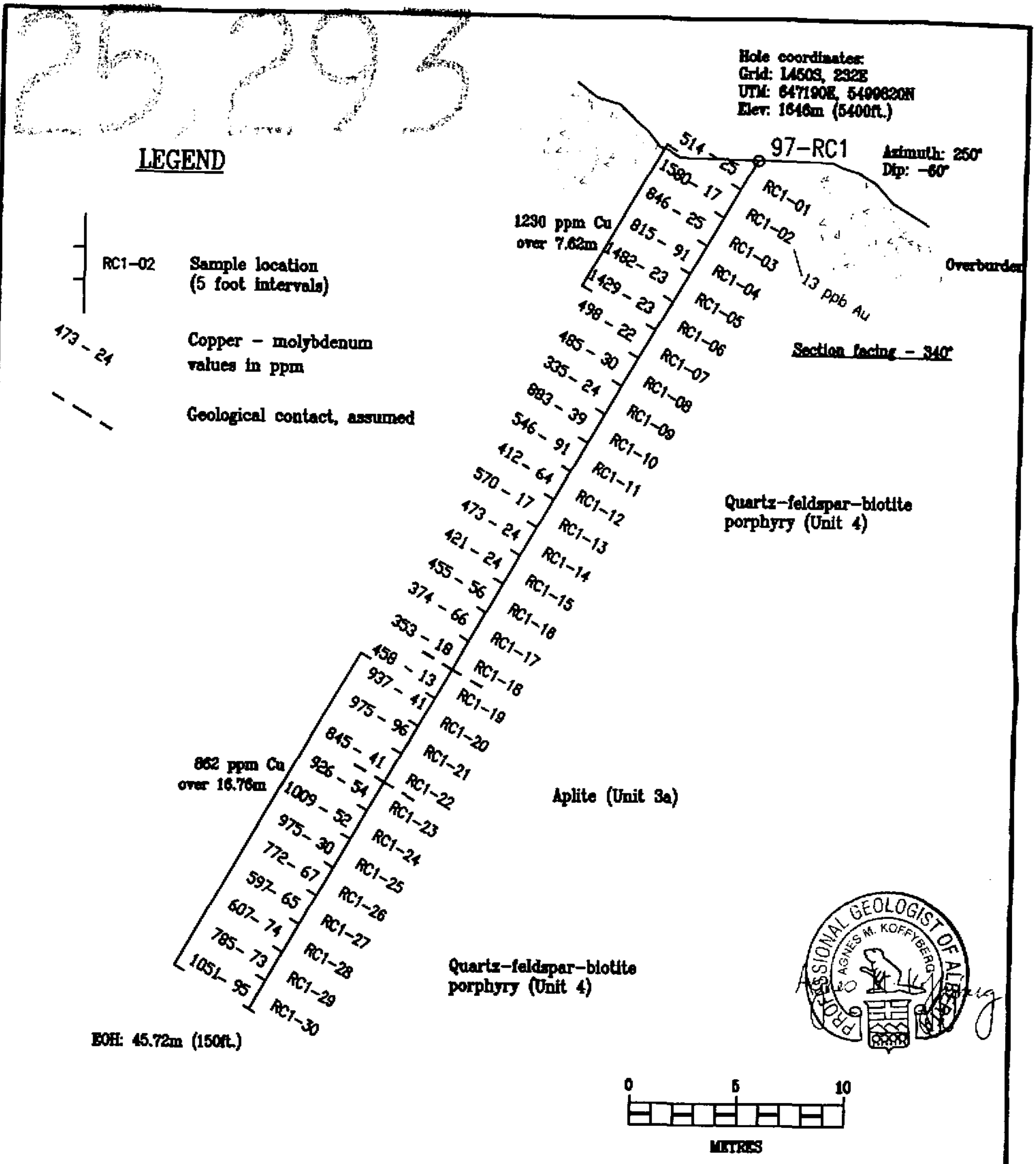
INDEPENDENCE PROPERTY (14)

TRENCHING PROGRAM - TRENCH 7

GEOLOGY, GOLD AND ARSENIC VALUES

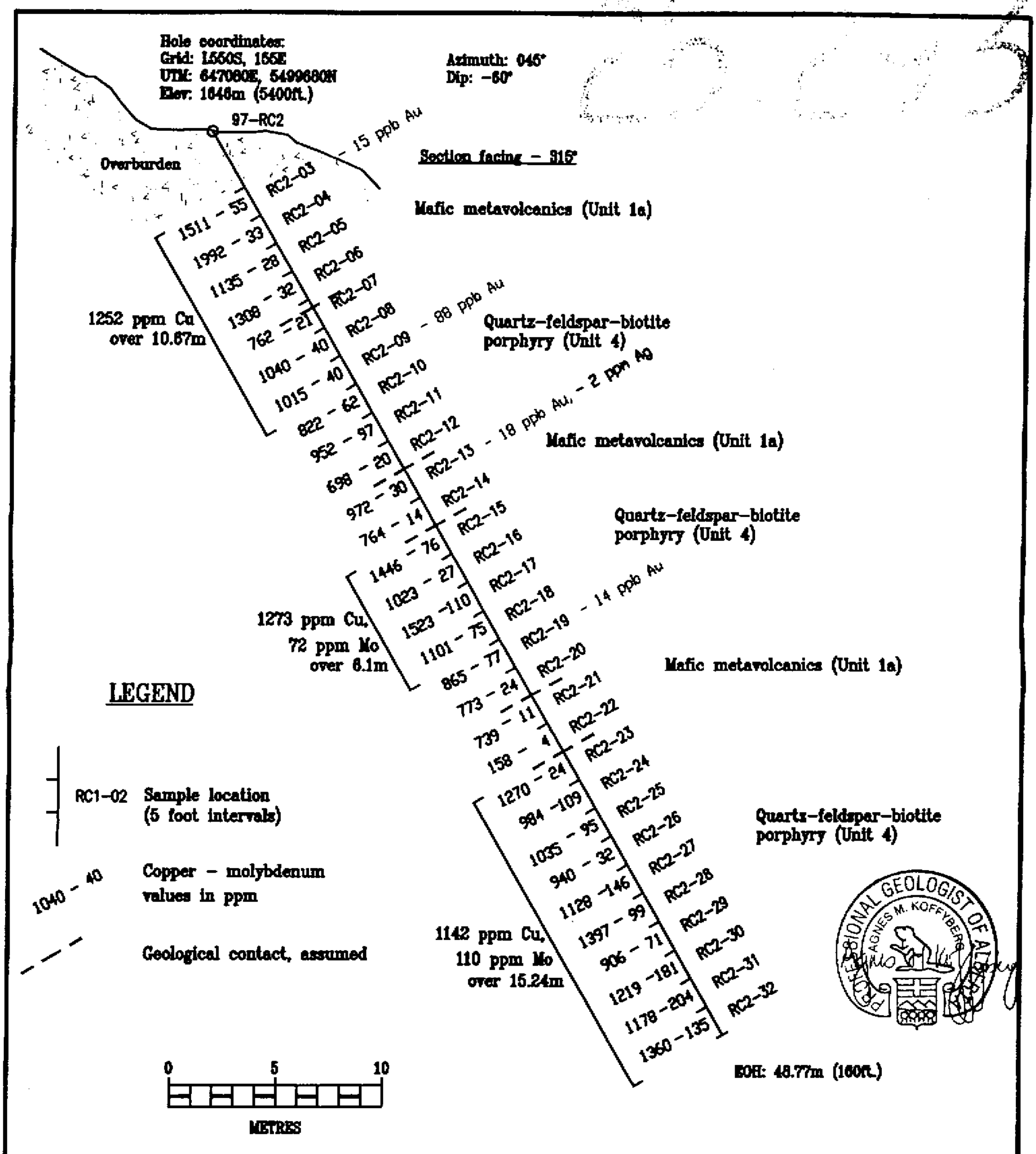
Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:100	UTM: 10
Project: 580	Date: Dec. 3/97	Drawn By: RK	Figure: 16

PROVINCIAL GEOLOGIST OF ALBERTA AGNES M. KOFFYBERG



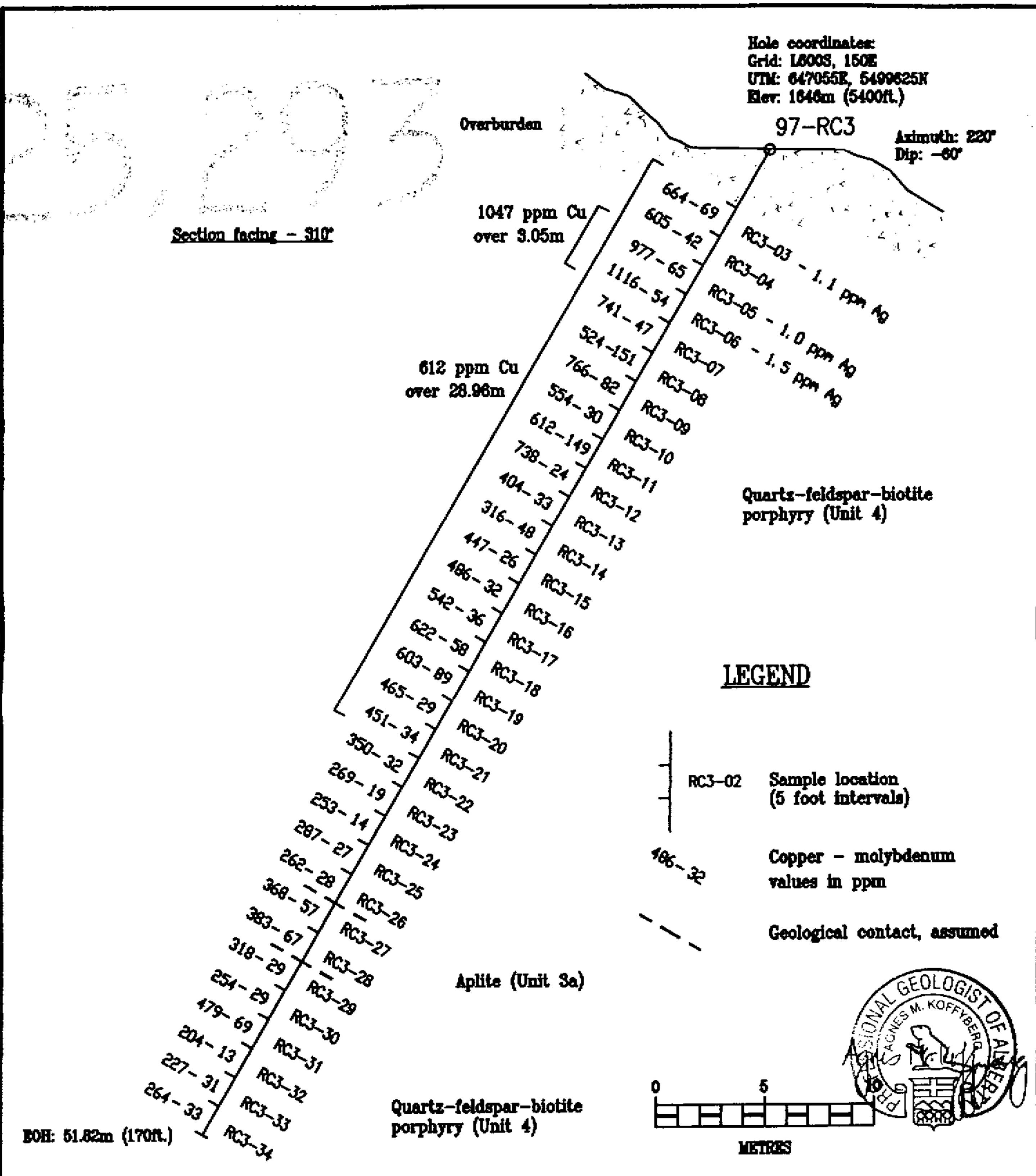
DISCOVERY Consultants	NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY Reverse Circulation Drill Program	DRILL SECTION 97-RC1 Copper and Molybdenum Values

Date: December 3, 1997	Project: 580	Scale: 1:250	N.T.S.: 92H/10	Mining Div: Similkameen	Figure: 17



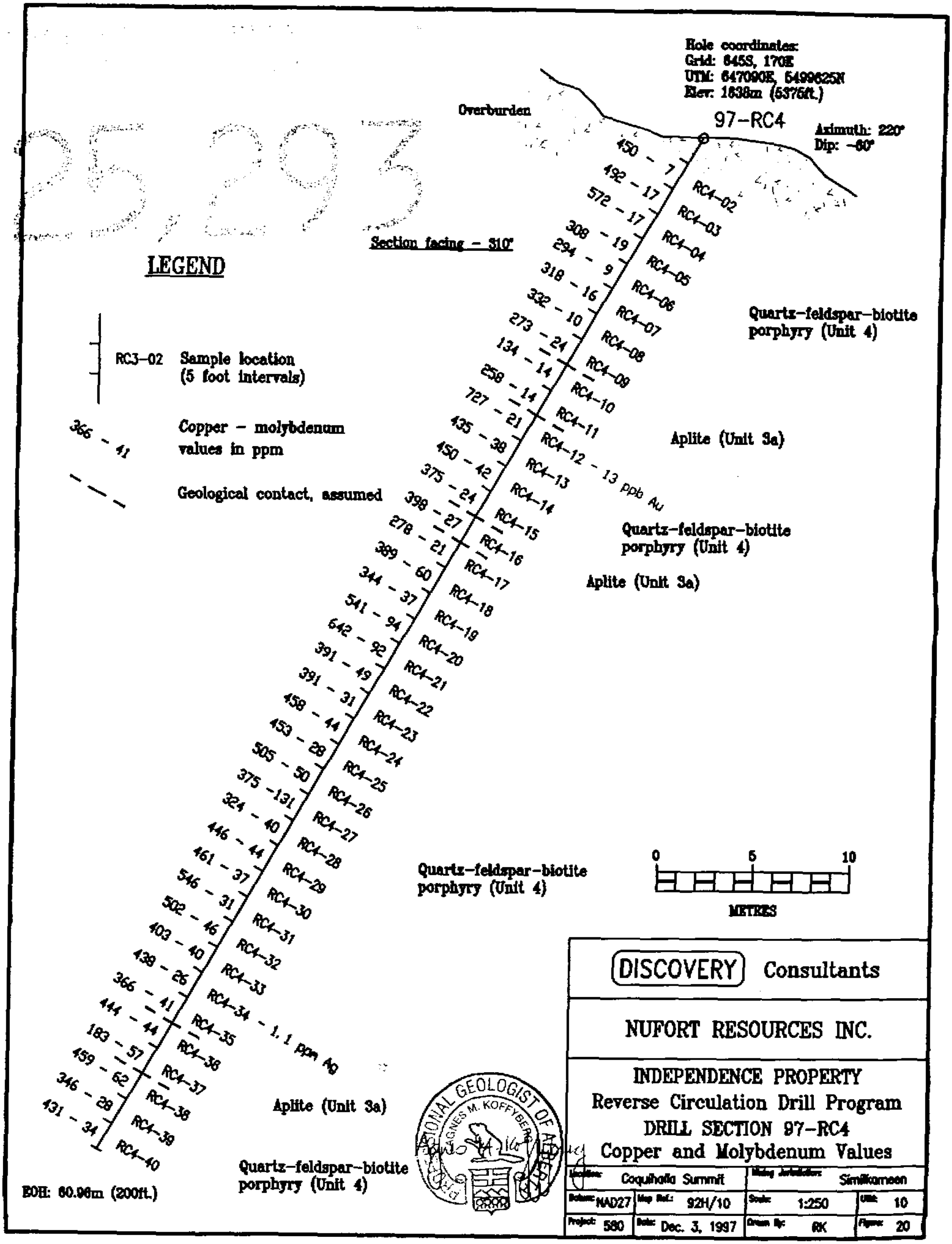
DISCOVERY Consultants	NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY Reverse Circulation Drill Program	DRILL SECTION 97-RC2 Copper and Molybdenum Values

Date: December 3, 1997	Project: 580	Scale: 1:250	N.T.S.: 92H/10	Mining Div: Similkameen	Figure: 18

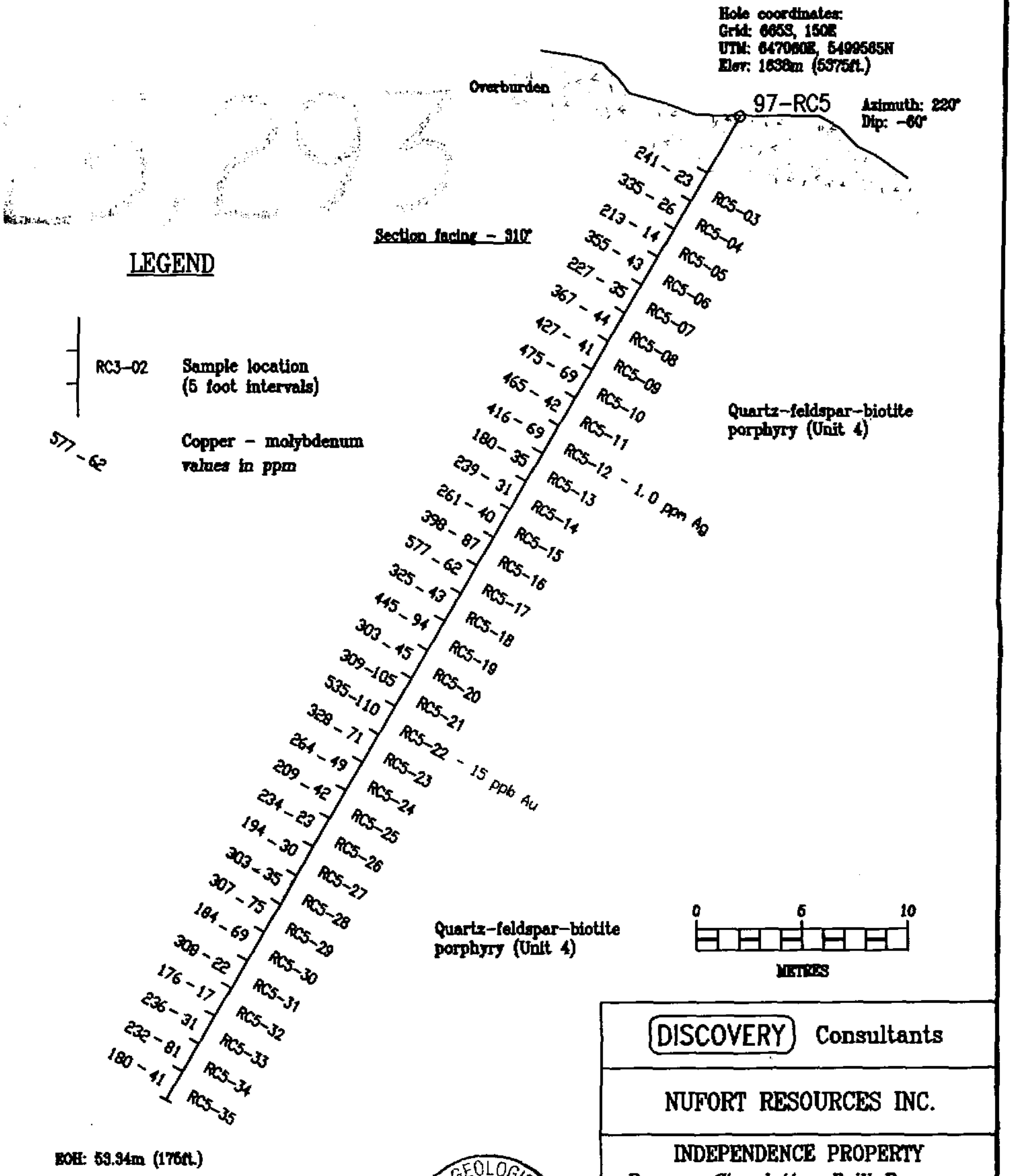


DISCOVERY Consultants	NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY Reverse Circulation Drill Program	DRILL SECTION 97-RC3 Copper and Molybdenum Values

Date: December 3, 1997	Project: 580	Scale: 1:250	N.T.S.: 92H/10	Mining Div: Similkameen	Figure: 19



25,293
Hole coordinates:
Grid: 645S, 170E
UTM: 647090E, 5499625N
Elev: 1838m (6375ft.)
97-RC4
Azimuth: 220°
Dip: -60°
Overburden
Section facing - 310°
LEGEND
RC3-02 Sample location (5 foot intervals)
366 - 41 Copper - molybdenum values in ppm
Geological contact, assumed
450 - 7
492 - 17 RC4-02
572 - 17 RC4-03
308 - 19 RC4-04
294 - 9 RC4-05
318 - 16 RC4-06
332 - 10 RC4-07
273 - 24 RC4-08
134 - 14 RC4-09
258 - 14 RC4-10
727 - 21 RC4-11
435 - 38 RC4-12 - 13 ppb Au
450 - 42 RC4-13
375 - 24 RC4-14
398 - 27 RC4-15
278 - 21 RC4-16
389 - 60 RC4-17
344 - 37 RC4-18
541 - 94 RC4-19
642 - 92 RC4-20
391 - 49 RC4-21
391 - 31 RC4-22
458 - 44 RC4-23
453 - 28 RC4-24
505 - 50 RC4-25
375 - 131 RC4-26
324 - 40 RC4-27
446 - 44 RC4-28
461 - 37 RC4-29
546 - 31 RC4-30
502 - 46 RC4-31
403 - 40 RC4-32
439 - 26 RC4-33
366 - 41 RC4-34 - 1.1 ppm Ag
444 - 44 RC4-35
183 - 57 RC4-36
459 - 62 RC4-37
346 - 28 RC4-38
431 - 34 RC4-39
RC4-40
Quartz-feldspar-biotite porphyry (Unit 4)
Aplite (Unit 3a)
Quartz-feldspar-biotite porphyry (Unit 4)
Aplite (Unit 3a)
Quartz-feldspar-biotite porphyry (Unit 4)
Aplite (Unit 3a)
Quartz-feldspar-biotite porphyry (Unit 4)
0 5 10
METRES
EOH: 60.96m (200ft.)
PROVINCIAL GEOLOGIST OF ALBERTA
AGNES M. KOFFYBERG
DISCOVERY Consultants
NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY
Reverse Circulation Drill Program
DRILL SECTION 97-RC4
Copper and Molybdenum Values
Location: Coquihalla Summit
Mining Jurisdiction: Similkameen
Datum: NAD27
Map Ref.: 92H/10
Scale: 1:250
UTM: 10
Project: 580
Date: Dec. 3, 1997
Drawn By: RK
Figure: 20



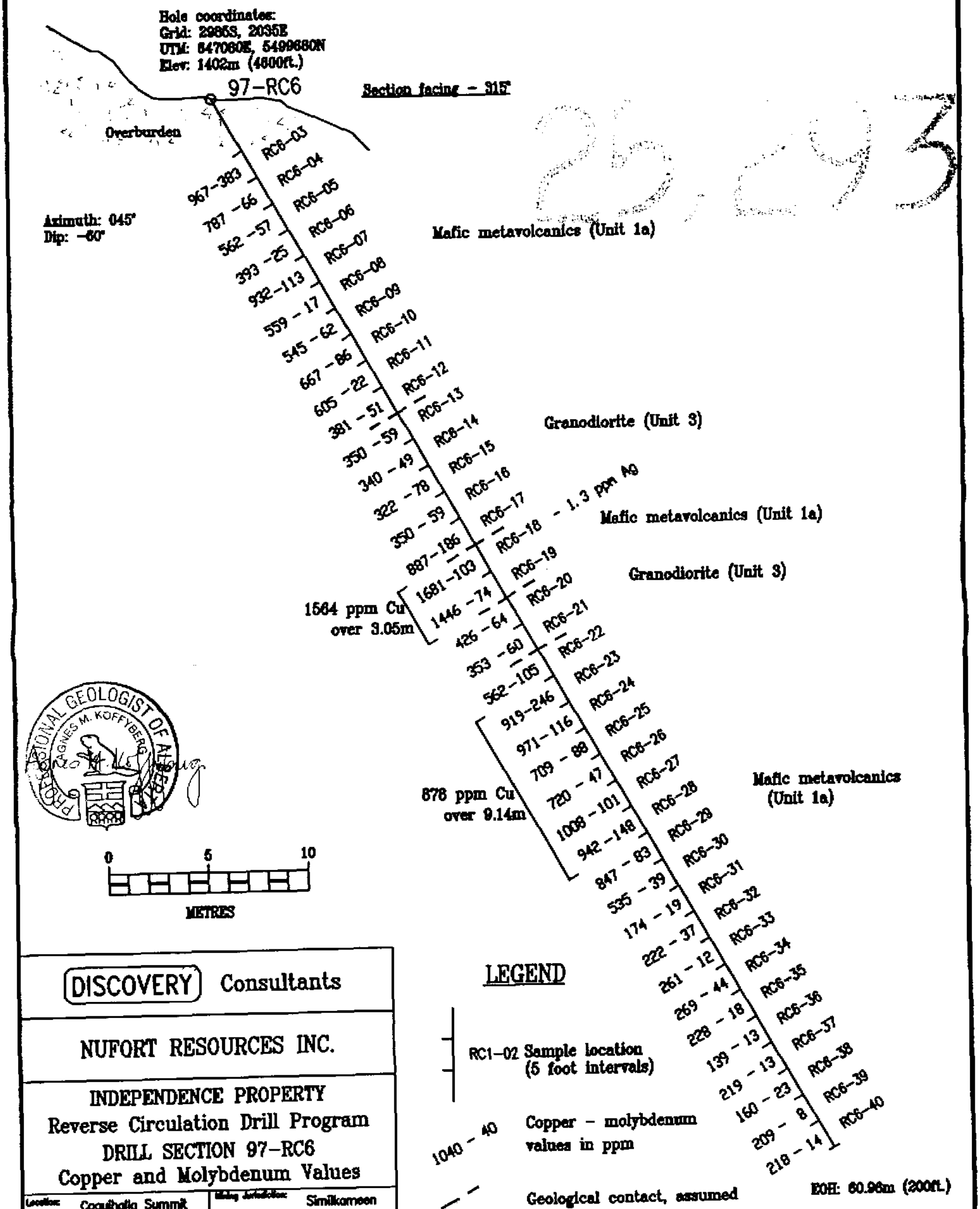
DISCOVERY Consultants

NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY
Reverse Circulation Drill Program
DRILL SECTION 97-RC5
Copper and Molybdenum Values

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:250	UTM: 10
Project: 580	Date: Dec. 3, 1997	Drawn By: RK	Figure: 21

PROFESSIONAL GEOLOGIST OF ALBERTA
AGNES M. KOFFYBERG



DISCOVERY Consultants

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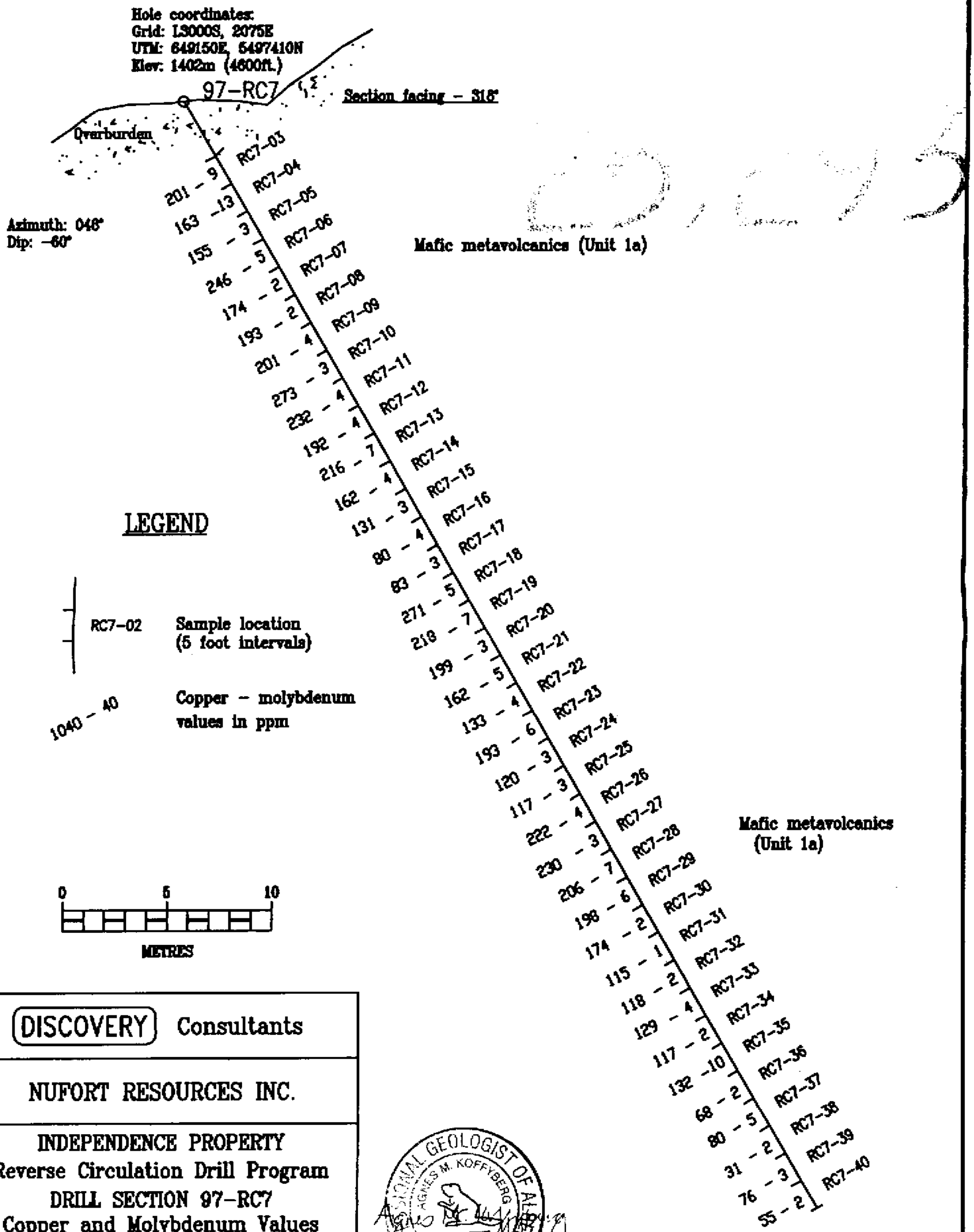
INDEPENDENCE PROPERTY
Reverse Circulation Drill Program
DRILL SECTION 97-RC6
Copper and Molybdenum Values

Location: Coquihalla Summit		Mining Jurisdiction: Simlkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:250	UTM: 10
Project: 580	Date: Dec. 3, 1997	Drawn By: RK	Figure: 22

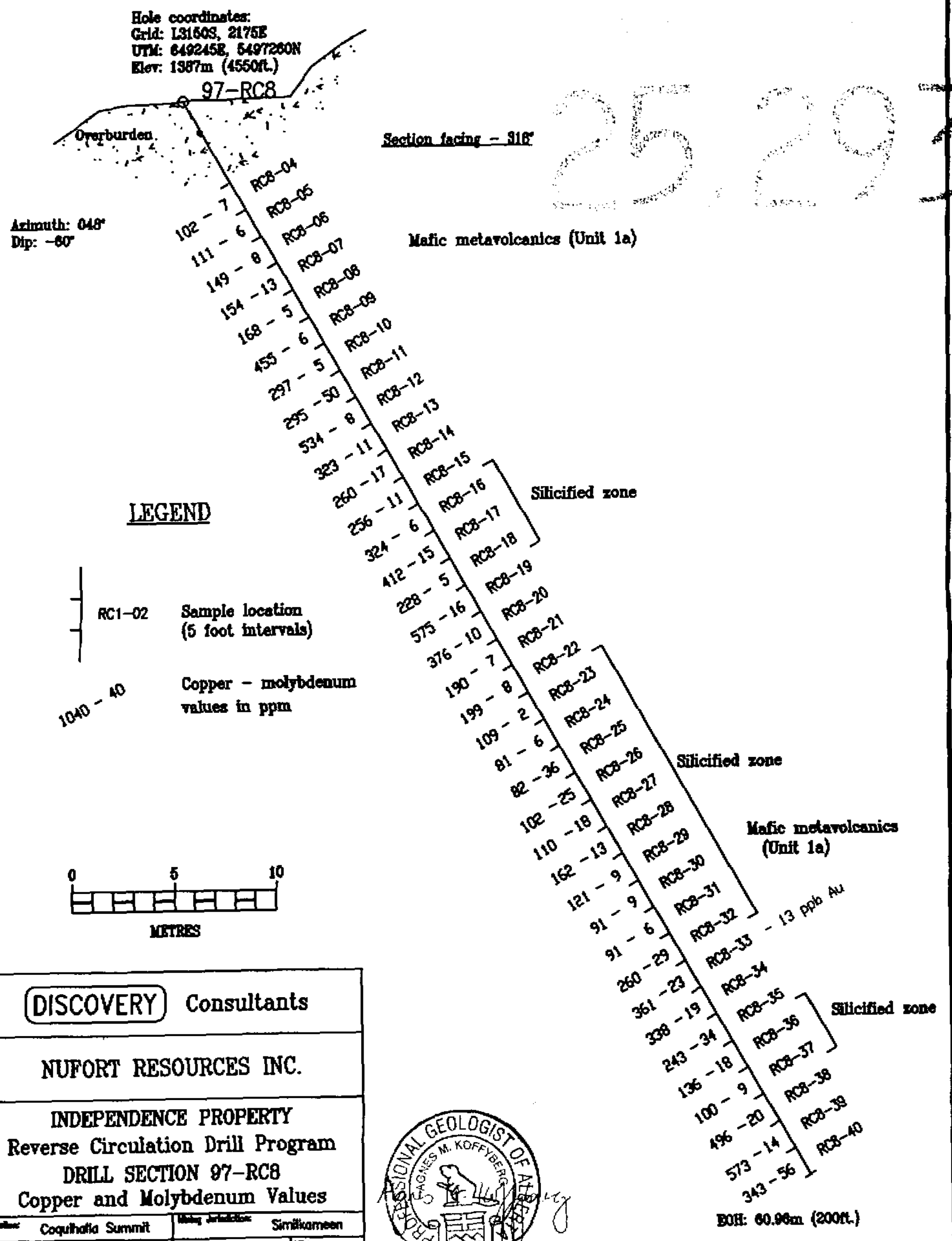


DISCOVERY Consultants

NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY
Reverse Circulation Drill Program
DRILL SECTION 97-RC7
Copper and Molybdenum Values

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:250	UTM: 10
Project: 580	Date: Dec. 3, 1997	Drawn By: RK	Figure: 23

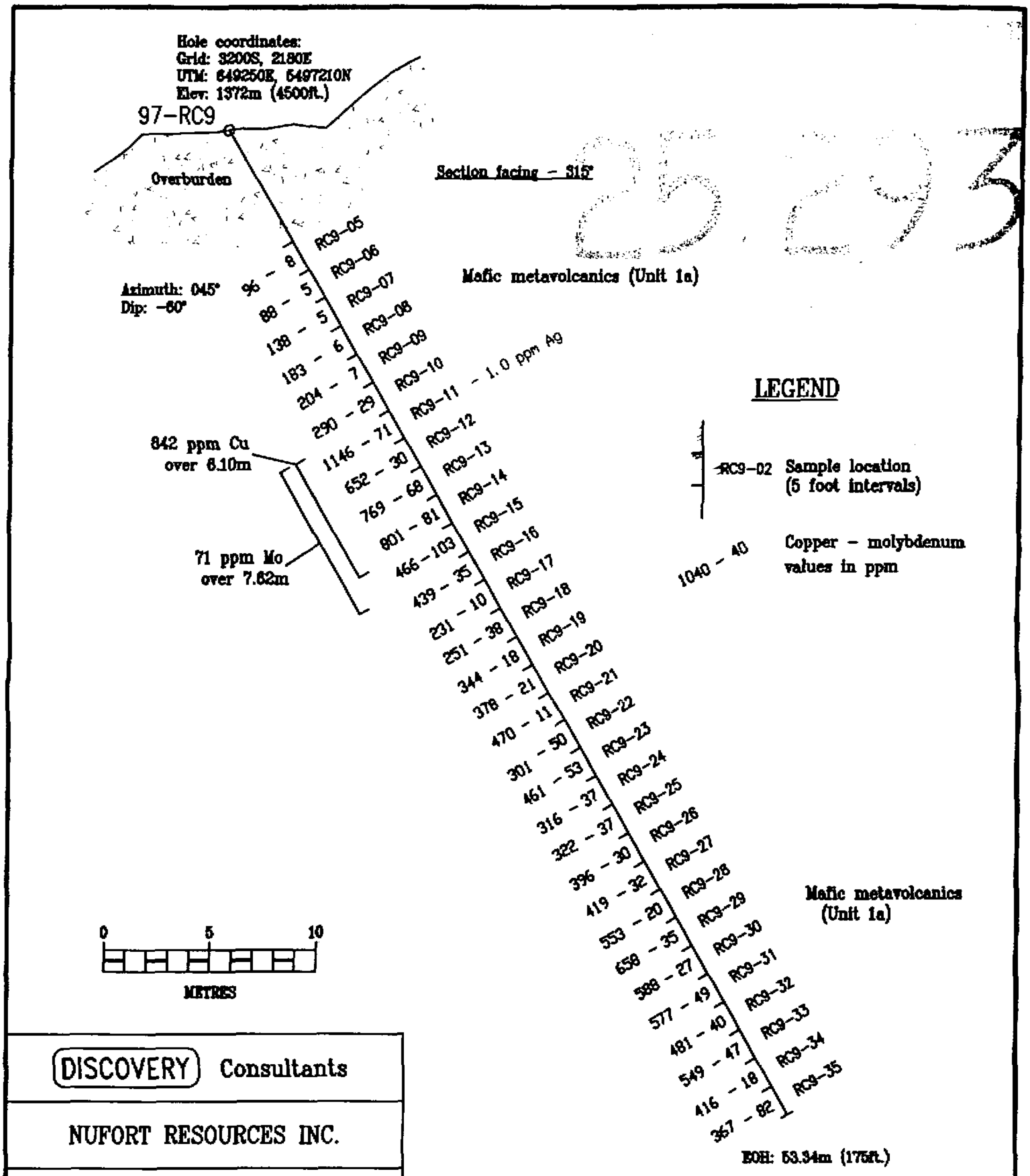


DISCOVERY Consultants

NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY
Reverse Circulation Drill Program
DRILL SECTION 97-RC8
Copper and Molybdenum Values

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:250	UTM: 10
Project: 580	Date: Dec. 3, 1997	Drawn By: RK	Figure: 24



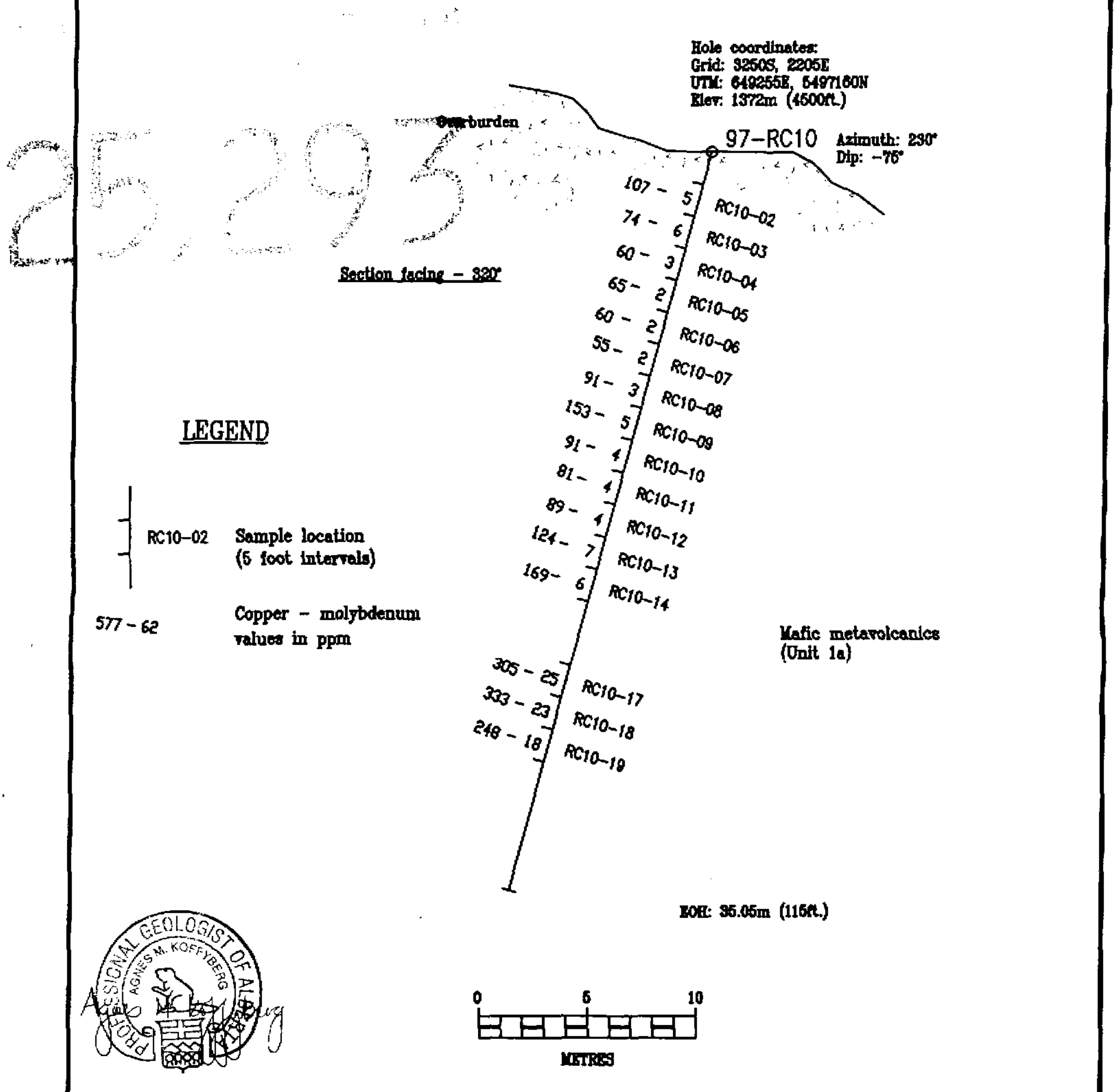
DISCOVERY Consultants

NUFORT RESOURCES INC.

INDEPENDENCE PROPERTY
Reverse Circulation Drill Program
DRILL SECTION 97-RC9
Copper and Molybdenum Values

Location: Coquihalla Summit		Mining Jurisdiction: Similkameen	
Datum: NAD27	Map Ref.: 92H/10	Scale: 1:250	UTM: 10
Project: 580	Date: Dec. 3, 1997	Drawn By: RK	Figure: 25

PROFESSIONAL GEOLOGIST OF ALBERTA
AGNES M. KOFFYBERG



DISCOVERY Consultants	NUFORT RESOURCES INC.
INDEPENDENCE PROPERTY Reverse Circulation Drill Program	DRILL SECTION 97-RC10 Copper and Molybdenum Values

Date:	Project:	Scale:	N.T.S.:	Mining Div:	Figure:
December 3, 1997	580	1:250	92H/10	Similkameen	26