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REPORT ON

GEOLOGY, GEOCHEMICAL SOIL SAMPLING,
GEOPHYSICAL SURVEYS AND EXPLORATION POTENTIAL

ROSS 1-4 (933-936) CLAIMS

ROSSLAND AREA, TRAIL CREEK MINING DIVISION
BRITISH COLUMBIA

FILED

Latitude: 49°02'N

Longitude: 117° 53'W

N.T.S.: 82-F-4W

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

for **17,346**

SIDON INTERNATIONAL SOURCES CORP.
Suite 300 - 800 West Pender Street
Vancouver, B.C. V6C 2V8
604-682-2325

Vancouver, B.C.
28 September 1987
Revised 19 April, 1988

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SUMMARY

The Ross 1-4 claims of Sidon International Resources Corp. are situated approximately 7 km south-west of Rossland, B.C. The claims are partially underlain by volcanic and sedimentary rocks of the Rossland Formation which forms the major host rock for most of the former producing gold mines in the Rossland Area. The Rossland Formation has been intruded by a large body of serpentinite which underlies much of the claim group, and by porphyritic monzonites, syenites and alkali granites of the Coryell intrusions which underlie the western margin of the claims.

There are six principal areas of showings on the property (for location see Figure 4):

1. Constatine Prospect : Various mineralized shear zones carrying low copper, lead and zinc values and 12-80 gm/tonne silver (0.35-2.33 oz/ton).
2. Various shears and disseminations of pyrite and pyrrhotite in Rossland volcanics containing only trace gold and average 8 gm/tonne silver (0.23 oz/ton).
3. Lenses and disseminations of chromite in serpentine assaying as high as 29.8% Cr_2O_3 , 0.08% TiO_2 .
4. Mineralized shear zones in Rossland volcanics originally explored by a very old shaft (Boiler Shaft). One sample from the dump ran 22.6 gm/tonne Gold (0.66 oz/ton).

SIDON INTERNATIONAL
RESOURCES CORP.

ROSS CLAIMS

TRAIL CREEK M.D., B.C. NTS: 82 F/4

LOCATION MAP

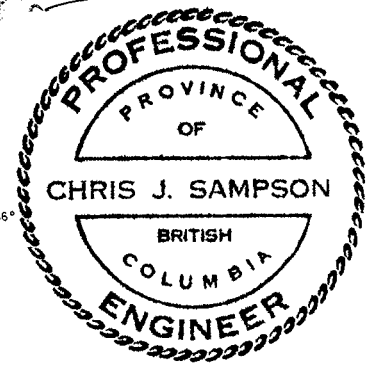
BY: C.J. SAMPSON

DATE: MAY, 1987

FIGURE: 1



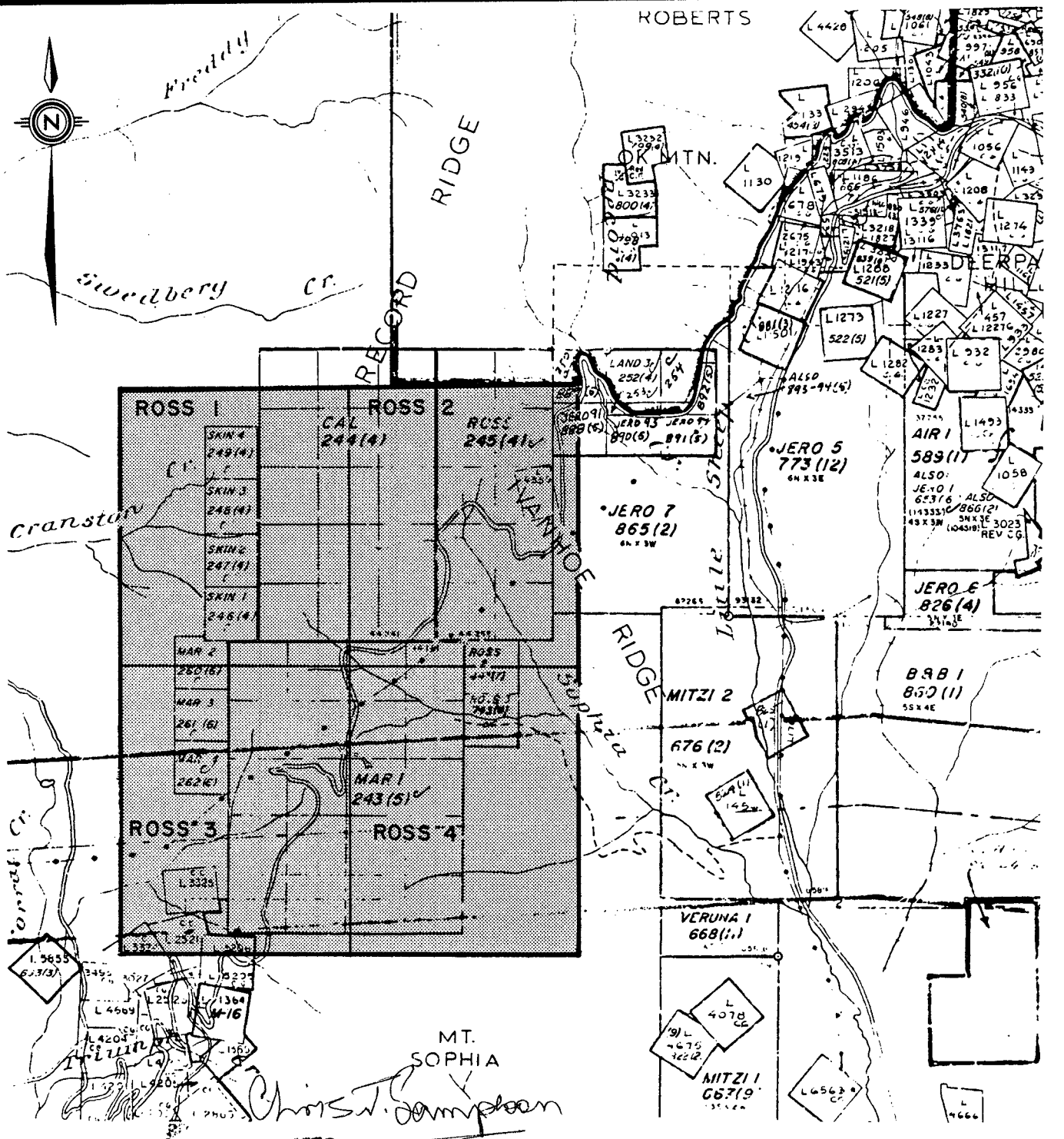
Chris J. Sampson



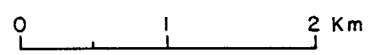
5. Apparently similar mineralized shears (on the power line), discovered by trenching in 1982. One 20 cm sheared band ran 30.6 gm/tonne Gold (0.89 oz/ton) and 7.2 gm/tonne Silver (0.21 oz/ton).
6. Similar zones to those occurring at 4 and 5 but situated in granitic intrusives.

In July and August 1987, Sidon personnel did programmes of geochemical soil sampling, VLF EM and Magnetometer geophysics over the eastern half of the Ross claim group to explore the areas containing the most interesting showings (1,4,5 and 6 on Figure 4).

This report describes results of those programmes and makes recommendations for further work.



Chris J. Sampson



SIDON INTERNATIONAL RESOURCES CORP.

ROSS CLAIMS

TRAIL CREEK M.D., B.C. NTS: 82F/4

CLAIM MAP

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DATE: MAY, 1987

FIGURE: 2

INTRODUCTION

On 8, 9 August 1987 the writer visited the Ross 1-4 Mineral Claims of Sidon International Resources Corp.

The various showings were examined and those localities where Sidon's geochemical soil sampling and VLF EM surveys had discovered significant anomalies and conductors. This report is based on examination of the mineral showings, study of assessment reports, published data, and results of the geochemical and geophysical surveys.

LOCATION, ACCESS, TOPOGRAPHY

The No. 1 posts for each of the Ross 1-4 claims are situated 8.5 kms SW of Rossland, B.C. in the Trail Creek Mining Division. The SW corner of the property adjoins the former producing Velvet mine, the NE corner of the property is situated 1 mile south of the former producing IXL, OK and Midnight gold mines.

The property is traversed from north-east to south-west by the old Rossland Cascade highway which provides access by 2 wheel-drive vehicle to the Ross 2 & 3 claims. Access to the Ross 4 claim can be gained either from the Rossland Cascade highway or by means of a logging road system which runs westward up Sophia Creek from provincial highway 22.

The claims vary in elevation from 900 to 1700 metres above sea level, the highest point being on the north-eastern side of

Ross 1 1650 m (5400 ft. ASL) and on Ivanhoe ridge which runs across the north-eastern corner of Ross 2 and reaches 1370 m (4500 ft) altitude. A few stands of cedar survive in ravines near the eastern boundary of the claim group. At higher elevations serpentine derived soils support only scattered spruce trees and sparse grass. The many creeks on the on the property are generally narrow and of low volume flow but provide adequate water for drilling purposes.

Overburden is generally thin on the northern and western side of the property, but eastern slopes are mostly covered by glacial till and unsorted gravel which varies from 1 to 20 m in thickness.

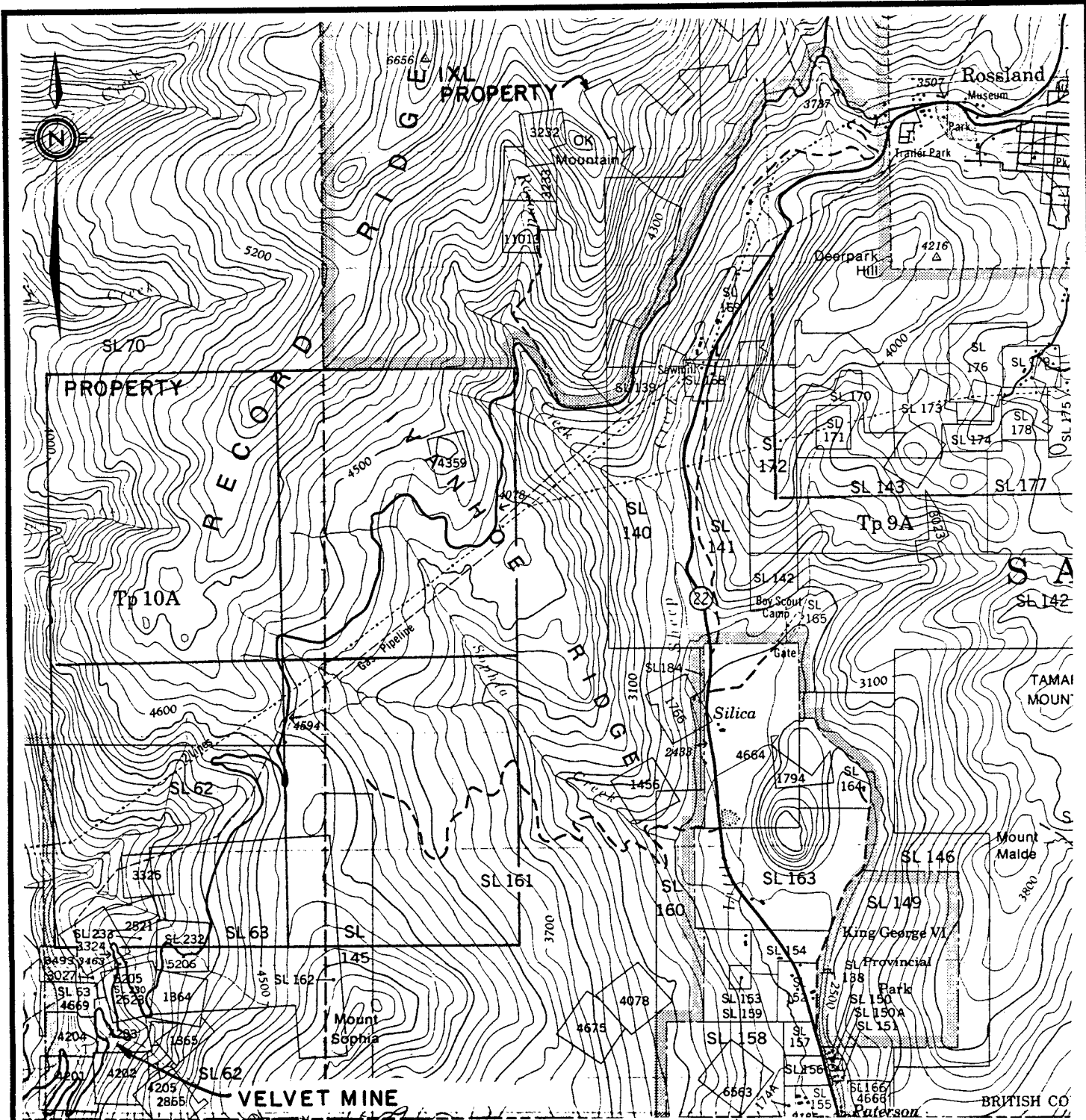
CLAIM DETAILS

The Ross 1-4 claims in Trail Creek Mining Division are owned by Sidon International Resources Corp., 300-800 West Pender Street, Vancouver, B.C., V6C 2V8. Claim details are as follows:

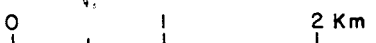
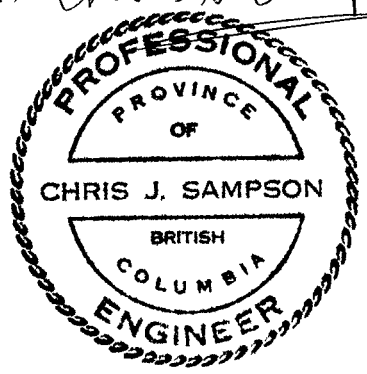
<u>Claim</u>	<u>Record No.</u>	<u>Size (Units)</u>	<u>Expiry Date</u>
Ross 1	933	4W x 5N	28 Dec.1989
Ross 2	934	4E x 5N	28 Dec.1989
Ross 3	935	4W x 5S	28 Dec.1989
Ross 4	936	4E x 5S	28 Dec.1989

HISTORY OF THE AREA

During the period 1894 through 1928 Rossland gold-silver mines were amongst the most productive in British Columbia. The three



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SIDON INTERNATIONAL RESOURCES CORP.	
ROSS CLAIMS	
TRAIL CREEK M.D., B.C. NTS: 82F/4	
TOPOGRAPHIC MAP	
C.J.SAMPSON P,Eng.	
DATE: MAY, 1987	FIGURE: 3

largest producers were the Centre Star, LeRoi and Josie. These are located within the municipal limits of the present city of Rossland and produced most of their significant gold production prior to 1922. More recently, significant molybdenum was produced from the Coxey mine (1966-1972).

The area now covered by the Ross 1-4 claims has been more or less continually staked for many years. There are numerous pits, trenches, prospect shafts and one 60 metre adit on the property, but there is no record of significant production apart from that which came from the adjoining Velvet and nearby IXL, OK and Midnight mines.

The velvet mine was operated intermittently from 1901 until 1942, mostly by lessees. During 1954-1962 eight levels were developed within a vertical interval of about 700 feet. The reported metal recovery from 91,084 tons of ore was 19,744 oz Au, 20,195 oz Ag and 1,224 tons Cu (0.21 oz/ton Au, 0.22 oz/ton Ag, and 1.34% Cu).

The IXL and adjoining claims have been worked intermittently by individual owners or lessees since 1892. Exact production figures are not available but at least 6,100 tons have been shipped for a yield of 26,300 oz Au, and 9,300 oz Ag.

Work in recent years is contained in B.C. Department of Mines Assessment files. The property was held by George Addie and Mineral Resources International in 1974, who carried out a program of geochemical rock chip sampling mostly for platinum in the serpentinite body (Addie 1974).

The claims were subsequently restaked in 1978 by L.G. Morrison, A.M. White and United Canso Oil and Gas Ltd. During 1978 they mapped the property at 1:10,000 scale, ran a 100 m. spaced line grid, covering most of the property, collected 1,000 soil samples which were analyzed for copper, lead and zinc and carried out magnetometer surveys and detailed geological mapping at 1:2,500 scale over the more significantly mineralized parts of the property.

Work in 1979 consisted of follow-up geochemical sampling and of small geologically oriented picket line grids across the most significant geochemically anomalous areas.

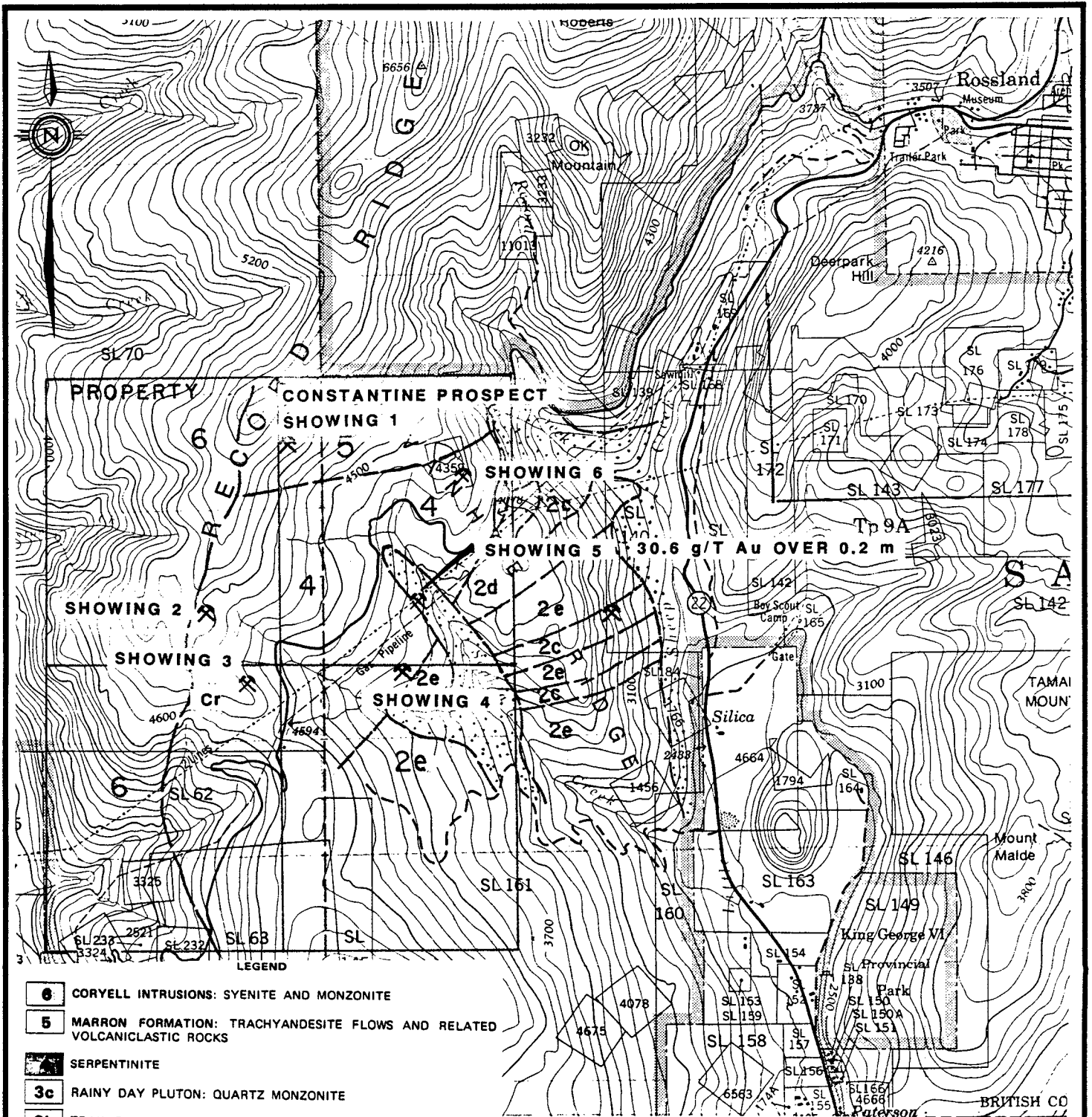
In early 1980 Morrison et al carried out Elfast E.M. surveys across the geochemically anomalous areas and drilled six inclined diamond holes totalling 516 metres to test the conductors. Four of the holes identified weak to moderately sheared and argillized zones containing about 5% pyrite in veinlets and disseminations which explain the EM conductors.

In 1982 further work was done by Morrison on the eastern half of what is now the Ross 2 claim. This consisted of trenching and geochemical soil sampling which successfully exposed gold and silver mineralization in three shear zones varying from a few centimetres to one metre in width. One sheared band in the serpentinite assayed 30.6 gm . Au/tonne (0.89 oz/ton Au) across a width of 20 cm . three samples from sheared, fine grained diorite in contact with ultrabasic rocks averaged 319 gm . Ag/tonne, trace Au and 2.35% Cu across a width of 90 cm .

The property was subsequently optioned to Noranda Exploration who carried out programs of magnetometer and induced polarization surveys across the southern parts of the present Ross 2 claim (originally held at the Ross and Ross 2 by Morrison, White). Noranda were apparently attempting to follow the mineralization located by Morrison, White, United Canso trenching in 1982 but the induced polarization survey failed to locate this mineralization.

REGIONAL GEOLOGY

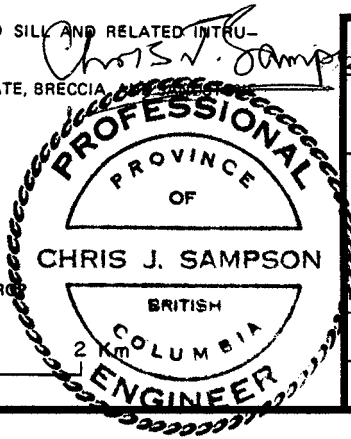
Figure 4 which shows the geology of the Ross claim group is taken from Fyles 1984 Bulletin 74. The area is underlain by two major formations, the lowest of which consists of siltstone, sandstone, conglomerate and minor amounts of limestone of the Carboniferous Mount Roberts Formation. This is overlain predominantly by greenstones with some interbedded siltstones of the Rossland Formation which form the main host rock units for many of the gold mines in the Rossland district. Rossland group is believed to be of lower Jurassic age and is mainly andesitic volcanic breccia, lapilli tuff, volcanic sandstones and conglomerates with interbedded lenses of grey to black siltstone. These two major formations have been variably metamorphosed and intruded by several bodies of plutonic rock - the Rossland Monzonite; the western part of the Trail Pluton; the Rainy Day Pluton; the eastern edge of the Coryell batholith; and intrusions of syenite and monzonite related to the Coryell and serpentinite.



- 6** CORYELL INTRUSIONS: SYENITE AND MONZONITE
- 5** MARRON FORMATION: TRACHYANDESITE FLOWS AND RELATED VOLCANICLASTIC ROCKS
- Serpentine** SERPENTINITE
- 3c** RAINY DAY PLUTON: QUARTZ MONZONITE
- 3b** TRAIL PLUTON: GRANODIORITE
- Rossland Monzonite** ROSSLAND MONZONITE

ROSSLAND GROUP

- 2d** AUGITE PORPHYRY (ROSSLAND SILL AND RELATED INTRUSIONS)
- 2e** GREEN VOLCANIC CONGLOMERATE, BRECCIA
- 2a** GREENSTONE
- 2f** GREY TO BLACK SILTSTONE
- 2g** BANDED HORNFELS
- 2h** BRECCIA COMPLEX
- Areas of little or no outcrop** AREAS OF LITTLE OR NO OUTCROP



PROSPECT

SIDON INTERNATIONAL RESOURCES CORP.

ROSS CLAIMS
TRAIL CREEK M.D., B.C. NTS: 82F/4

REGIONAL GEOLOGY

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DATE: MAY, 1987

FIGURE: 4



The Rosslund monzonite is a grey to greenish grey, fine to medium grained rock which varies in appearance. Variations are caused by alteration, proximity to margins of the intrusions and proximity to large inclusions within the body. Average composition is plagioclase 46%, hornblende 15%, orthoclase microperthite 13.5%, augite 12.5%, biotite 11%, and quartz 2%.

The western lobe of the Trail Pluton lies north of Rosslund and consists principally of granodiorite which is exposed in the lower levels of the War Eagle mine. Composition is andesine 47%, orthoclase microperthite 20%, quartz 18%, hornblende 10%, biotite 5% with minor amounts of apatite, sphene, zircon, chlorite, epidote and sericite.

The Rainy Day Pluton is a small mass of quartz diorite which is exposed in the upper part of Little Sheep Creek on Highway 22 on the northwest slope of Deer Park hill. It consists of light grey porphyritic and non-prophyritic quartz diorite (composition - andesine 50%, quartz 15-20%, orthoclase microperthite 5-15%, biotite 10-15%, hornblende 5% and augite 5%). Accessory minerals are apatite, sphene, magnetite and zircon. The phenocrysts, which are up to 4 mm diameter, are andesine and matrix commonly consists of orthoclase and very fine rounded grains of quartz.

Lenticular masses of serpentinite form a linear belt extending 10 km south-west from Rosslund to a location where they are truncated by the Coryell intrusives. The serpentinite is thought to have been emplaced along the Rosslund break, which was a locus of dislocation and intrusion before the emplacement

of the Coryell syenite. The two masses within the Rosslund area have relatively straight and transgressive margins. They are probably faults though it is not possible to demonstrate that all the contacts are faults. The northerly trending eastern and western margins of the small serpentinite mass in Little Sheep Creek are known to be faults. The northern contact exposed in the workings of the Midnight and IXL mines is highly sheared and associated with a zone of intense fracturing. Evidence of faulted margins of the mass at the head of Sophia Creek is not conclusive, but the relationship between it and volcanic rocks of the Marron Formation to the north strongly suggest that the northern contact of the serpentinite is a fault.

Fyles mentions that the serpentinite has been explored for deposits of nickel and chromium. Chromite occurs on the west side of the ridge between the two main forks of Sophia Creek about 300 m southeast of the natural gas pipeline. Three shallow pits expose fine grained serpentinite with many fractures and abundant light green serpentine. Chromite associated with these fractures is fairly abundant in one pit. Two samples of selected material from this pit assayed 3.24% and 12% chromium and 0.1% and 0.2% nickel. Samples from another trench near the northern edge of the same mass of serpentinite assayed 0.23% chromium and 0.17% nickel.

In 1969 near the northern contact of a mass of serpentinite on the Midnight property, along the western side of Little Sheep Creek, exploration companies samples underground workings and

reported several thousand tons of serpentinite averaging 0.25% nickel. Selected samples assayed 0.45% nickel. In samples submitted by the company to R.B. Kirkham of the G.S.C., pyrite, millerite (Nis) and a mineral of the linnaeite group were identified. Ten samples taken by Fyles from various places throughout the masses of serpentinite exposed in the area gave nickel assays of less than 0.24% nickel.

The Rossland area is situated just on the eastern side of a large syenite body, known as the Coryell Batholith. This consists mainly of pink medium to coarse grained syenite which is commonly highly fractured and deeply weathered. Within the area mapped by Fyles the eastern margin of the batholith is exposed west of Record Creek and Granite Mountain. These rocks are fresh, medium to coarse grained pink syenites composed orthoclase microperthites 75%, biotite 15%, hornblende 5%, quartz 5%. Common accessory minerals are sphene, zircon, apatite and allanite.

The entire sequence of rocks described above is in turn overlain by much younger volcanics known as the Marron Formation (OK volcanic group). These flows and related pyroclastics form the summits and upper slopes of Record Ridge, OK Mountain, and Mounts Roberts, Grey and Kirkup. They are believed to be coeval with the Middle Eocene Marron Formation and consist of porphyritic and amygdaloidal trachytes and andesites with interlayered volcanoclastic rocks.

The Marron Formation in the Rossland area consists of grey

weathering, dark grey to dark green and locally light purplish grey aphanitic rocks, which form bold, open outcrops. They are mainly flows which are commonly porphyritic, amygdaloidal and in places fragmental. The rocks are interlayered with greenish clastic rocks which are mainly lapilli tuff volcanics, sandstone and conglomerate. A few feldspar porphyry dykes transect the lower rocks.

PROPERTY GEOLOGY (Figure 5)

The oldest rocks exposed on the Ross 1-4 claims belong to the Rosslund Formation, which outcrops on the north and east margins of the property and as a thin wedge between the Coryell Pluton and western edge of the ultrabasic mass.

The units mapped by Morrison and White (Morrison 1979) were as follows:

Rosslund Group

a) Agglomerate: A light grey to dark greenish grey fine grained to aphanitic matrix containing strands and crystals of amphibole scattered quartz chips and 50% lithic fragments. Fragments are mostly felsic and porphyritic, angular to sub-angular and have a size range from 2 mm to more than 20 cm.

b) Andesite: Several closely related intermediate volcanic rocks have been mapped as andesites. The two most abundant are hornblende andesite and hornblende porphyry.

c) Tuff: This is a light grey to black vitric tuff containing a few strands of plagioclase, scattered fragments of fine grained feldspar porphyry and rare felsic lapilli.

d) Fine grained feldspar porphyry: The northern end of the property is mostly underlain by light to medium grained densely porphyritic rock containing from 30-40% subhedran to euhedral plagioclase phenocrysts from 0.5 mm to 3 mm length.

e) Basalt: This outcrops along the highway on the north-eastermost part of the claim group. It is dark grey to black, fine grained to aphanitic dense and massive with frequent calcite amygdules.

f) Arkosic Sediments: Sedimentary outcrops are mostly restricted to a wedge of Rosslund Formation in the north-western part of the claim group. These consist predominantly of arkosic greywacke, arkosic sandstone, argillite and feldspar quartzite. The finely bedded quartzites are mostly white, tan or grey, hard siliceous aphanitic. They are intercalated with thin beds of black argillite. The unit contains from 1-2% disseminations and blebs of pyrite and pyrrhotite and outcrops are prominently iron stained. The sulphides attracted prospectors and very old trenches and dogholes are common. However, several samples of the most heavily mineralized material collected by Morrison contained no significant precious metal values.

Ultrabasic Rocks

About 2/3rds of the Ross 1-4 claims is underlain by ultrabasic material which is almost completely serpentinized. The most abundant variety of serpentinite is black, tan weathering very fine to medium grained and massive. Thin seams, stringers and stockworks of yellow to green soapy serpentine are rare except in the immediate vicinity of the minor chromite lenses which occur near the southern end of the property.

Porphyritic Dacites

A large mass of porphyritic dacite occurs in the south-western part of the property just north of the Velvet mine. It is of uncertain age and origin. Morrison felt that it was probably a complex assemblage of small high level intrusions, but it could be a recrystallized flow. It predates at least the later stages of the Coryell intrusions and is traversed by several dykes of coarsely porphyritic monzonite.

The unit consists of a light grey very fine grained ground mass, containing widely variable proportions of plagioclase and quartz phenocrysts. The ground mass apparently consists of micro crystalline quartz, alkali feldspar, Fe-Ti oxides, rare apatite prisms, calcite, epidote and chlorite.

Coryell Intrusions

Both the ultrabasic masses and the Rosslund Formation have been intruded by the Coryell Pluton, and numerous associated

porphyritic dykes and apophyses. The dominant rock type within the pluton is alkali granite, or quartz monzonite, although syenites, grey diorites and quartz diorites are also present.

MINERALIZATION

Following the discovery of a large serpentine pipe in 1973, George Addie collected several bulk samples from the serpentinite. One assay from a chromite rich area did not show increased platinum content, but silver was considerably enriched at 0.45 oz/ton. Platinum assays were in the range 0.023, 0.26, 0.03, 0.035 oz/ton. One sample ran 0.01 oz/ton gold, 0.03 oz/ton platinum, 0.16% nickel, and 16.5% chromium. Another ran trace Au, 0.45 oz/ton Ag, 18.4% Cr_2O_3 and 0.17% Ni.

The reports by Morrison (1979) describe various showings on the property, in particular the base metal occurrence near the northern end of what was the Cal claim (north-western corner of Ross 2 claim) where several groups of pits and trenches are situated near an old cabin on the east side of Record ridge (Constantine Prospect Showing 1). Weak discontinuous shear zones each less than 30 meters long and 10 cm wide strike N15E to N30W in a fine grained feldspar porphyry. The shears contain a little rusty vuggy quartz, euhedral crystalline pyrite and specks of chalcopyrite. Malachite and limonite stains and crusts are common. Five grab samples of weathered material from the shears contained traces of gold and from 12-80 gm of silver per tonne. Three samples assayed for base metals contained an average of 0.8% copper, 0.4% lead and 0.4% zinc.

An old adit, 160 metres long, intersected a sheared zone 1.5 metres wide which is probably downdip from the largest surface trench. The zone is strongly kaolinized and manganese stained. The only visible metallic mineral in the adit is crystalline pyrite but a sample from sheared zone contained 0.6% lead, 0.3% copper and 0.7% zinc. The group of trenches is on strike and up drainage from the axis of soil anomaly No. 1 located by the 1979 geochemical soil sampling program of Morrison-White.

In the south centre of the present Ross 1 claim, within the wedge of Rossland Formation, west of the 15W baseline, between 18S and 27S of the Morrison et al grid, there are several old pits in rusty sediments and andesite. Samples selected for maximum pyrite and pyrrhotite content at each pit contained trace gold and an average of 8 gms silver per tonne (showing 2).

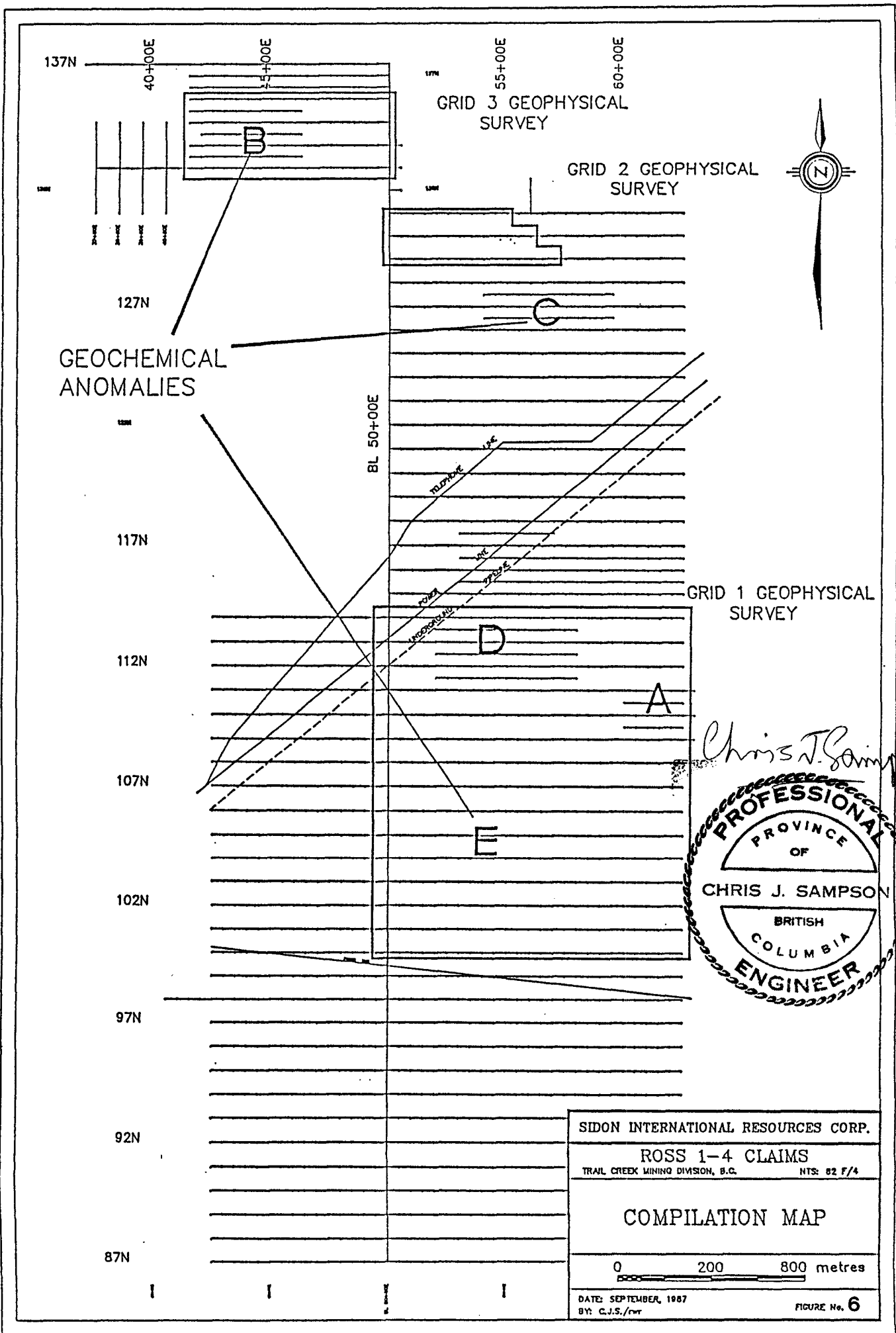
Morrison and White also investigated three chromium showings on what was originally held as Mar 1 and is now part of Ross 3. The best of the three was at 31S 8W where there is a vertical lense of massive chromite up to 30 cms wide and a nearly vertical sheared zone striking N30W. The walls also contain disseminated chromite within a patchy band up to 10 metres wide. At 29S 11+50W a few chromite stringers are disseminations in serpentinite in a group of large trenches was noted and at about 7W between 39S and 42S, there are several very large trenches less than half of which contain readily visible chromite. No significant in-situ lenses were seen, but one dump contains lumps of massive chromite up to 15 cms thick. Two selected grab samples of massive chromite average 29.8% Cr_2O_3 and 0.08% TiO_2

(Showing 3).

Morrison (June 1980) also describes the mineralization occurring on the southern side of the original Ross 2 mineral claim (now part of the Ross 4 claim) where a vertical shaft (close to a large vertical boiler), estimated to be about 100 ft deep and approx. 75 years old was sunk to explore a 10-18 inches wide shear zone which strikes N40W and dips 70°SW. The weathered outcrop of this zone contains vuggy pyritiferous quartz and abundant oxides of iron and manganese. Material on the dump indicates that the unweathered vein contains abundant carbonates. An initial sample of weathered vein material assayed 22.6 gm/tonne Au (0.65 oz/ton Au) but was not duplicated. Several subsequent assays averaged 0.6 gm/tonne Au and 17 gm/tonne Ag (Showing 4).

Morrison also investigated the occurrences (Showing 5) on what was the Ross claim (Morrison, November 1982). In particular, he describes a group of showings which occur immediately under the power line on the present Ross 2 claim.

At anomaly XI, 1200 metres north-east along the power line from the original Ross claim initial post, trenching in 1982 exposed 3, N30W striking, 70° NE dipping mineralized, sheared bands near the irregular contact between ultrabasic rocks and a complex assemblage of grey, fine grained diorite and Rossland andesite. The diorite and andesite at anomaly XI are light bluish brownish and greenish grey fine to very fine grained material, with an average grain size of 0.5 mm. They are slightly to moderately



137N

40+00E

55+00E

55+00E

60+00E

GRID 3 GEOPHYSICAL SURVEY

GRID 2 GEOPHYSICAL SURVEY

127N

GEOCHEMICAL ANOMALIES

BL 50+00E

117N

GRID 1 GEOPHYSICAL SURVEY

112N

107N

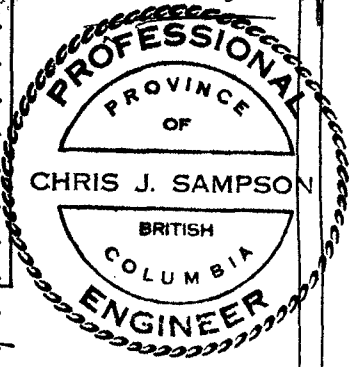
102N

97N

92N

87N

Chris J. Sampson



SIDON INTERNATIONAL RESOURCES CORP.
ROSS 1-4 CLAIMS
TRAIL CREEK MINING DIVISION, B.C. HTS: 82 F/4

COMPILATION MAP

0 200 800 metres

DATE: SEPTEMBER, 1987
BY: C.J.S./cwr

FIGURE No. 6

silicified, chloritized and epidotized. Colourless quartz blebs finely disseminated pyrrhotite and pyrite and fracture coatings of manganese oxide and limonite are common. The mineralized sheared bands vary from less than 5 cm to more than 1 metre wide. They contain abundant malachite, traces of sphalerite and galena and nodular pods of chalcopyrite.

One sample across a 20 cm sheared band in serpentinite assayed 30.6 gm /tonne Au and 7.2 gms/tonne Ag. A sample of black serpentinitized peridotite containing a 3 cm band of malachite, in talc schists assayed 0.8 gm/tonne Au, 35.7 gm/tonne Ag and 0.45% Cu. Three samples from sheared diorite at the ultrabasic contact averaged 319.0 gm/tonne Ag, trace Au and 2.35% Cu across a width of about 90 cm .

GEOCHEMICAL AND GEOPHYSICAL RESULTS

The work in 1979 by Morrison for United Canso Oil & Gas consisted of stream sediment sampling, collection of 950 geochemical soil samples and a magnetometer survey over grids covering the Mar 1-4, Land 1-6, Skin 1-4, Ross and Cal claims. The geochemical soil samples were analyzed for copper, lead and zinc with one area also analyzed for chromium. The work located 11 areas which were recommended for follow-up by EM geophysics and trenching.

Morrison also carried out programs of geochemical soil sampling for copper, lead and zinc on the Ross 2 claim which was situated south of the original Ross claim. This also located coincident Cu, Pb and Zn anomalies.

In 1982 Morrison did further programs of geochemical soil sampling for copper, lead, zinc and silver on the southern half of the original Ross claim and in the area immediately surrounding the shaft which is situated in the north-central part of claim. This work outlined several geochemical anomalies which were subsequently trenched and found to contain mineralization as described above. In particular one anomaly was traced for more than 800 metres south-west from the originally anomaly 11 located by the 1979 surveys.

Initial geophysical surveys on the property were done in 1979 by Morrison as a follow-up to the original geochemical soil sampling. Results of much of this work are unavailable to the writer, however. After the property was optioned to Noranda Exploration they carried out a program of induced polarization and magnetometer coverage across the mineralized area which is situated in the southern part of the original Ross claim immediately south of the Rossland Cascade highway. The magnetometer work successfully outlined various rock units but induced polarization was not of any use in tracing the various mineralized shear zones.

During July and August 1987, Sidon International Resources personnel cut a 5 km north/south base line and flagged 100 m spaced east-west lines across the eastern half of the Ross property.

1948 geochemical soil samples were collected at 25 m spacing along the grid lines using shovels to dig small pits and obtain a 100 gm sample from the B horizon. Each sample was placed in a standard Kraft paper geochemical bag, air dried and shipped to Eco-Tech Laboratories at Kamloops for analysis for copper, lead, zinc, arsenic, silver and antimony content by I.C.P. analysis and gold content by digestion in aqua regia and Atomic Absorption spectrography.

Values for each metal were plotted on histograms assuming a log normal distribution. For each element the threshold value was calculated as the mean plus one standard deviation. Anomalous values - mean plus two standard deviations - were plotted for each metal on three maps - Figure 7 Gold and Arsenic, Figure 8 Silver and Antimony, Figure 9 Copper, Lead and Zinc.

Five anomalous areas were identified:

- A: 60E on lines 109N to 111N. Shows strong copper, lead, zinc with some gold and silver. No showings are known in this locality.
- B: 42E to 46E on lines 133N to 137N. Some copper values but mostly lead, zinc and silver with coincident gold. Again no showings are presently known.
- C: 54E to 59E on lines 126N to 128N: Patchy Copper, Lead, Silver and Gold values.
- D: 52E to 57E on lines 111N to 113+50N: Copper, Lead, Zinc, antimony and gold values not related to any known showings.

E: 52E to 55E on lines 100N to 105N: A weakly anomalous area, mostly gold with some low silver values.

Sidon International Resources personnel also did programmes of VLF EM and magnetometer on the geochemical grid. VLF EM results are shown on Figures 8-10. Magnetometer results were of limited use and are not included in this report.

The field geophysical data was submitted to Mr. E.R. Rockel of Interpretex Resources for plotting and analysis. His conclusions and recommendations are as follows:

GEOPHYSICAL SURVEY RESULTS

1. DISCUSSION

VLF EM data have been profiled on a plan map at a scale of 1:2500. VLF EM in-phase anomaly amplitudes ranged from strong through moderate to weak. Evidence of topography induced positive and negative bias can be seen on inphase profiles, reflecting topographic attitude in the direction the receiver faced while reading (in this case easterly).

VLF EM anomalies have been grouped into conductor systems according to profile character similarities and, where possible, with the aid of magnetic trends. Conductor axes have been interpreted between survey lines to form conductive trends. Significant conductor systems have been labelled for further discussion.

Total field magnetic data were controlled by automatic recording of magnetic values every 30 seconds at a stationary base station. Field magnetic readings were individually corrected for drift using base station values recorded at the same time of day. Final magnetic values were posted and contoured on plan maps at a scale of 1:2500.

Three grid areas were surveyed using the Geonics EM-16 VLF receiver and a Geometrics total field magnetometer. An additional small area was covered by magnetic survey. No VLF EM data was available for the fourth area.

2. CONCLUSIONS

2.1 Area 1, Lines 100N through 114N

Magnetic results in area 1 indicate an active magnetic environment throughout most of the area. Relatively lower magnetic values are observed north of line 110N and on line 108N as a string of magnetic low anomalies which appear to be line dependent. It is possible that the line dependent magnetic lows on line 108N are due to magnetic contamination on the operator or on the ground although operator magnetic contamination usually results in a regular magnetic level shift rather than a series of low anomalies as seen here. The line dependent magnetic lows continue onto the east end of line 109N suggesting possible geological or cultural causes.

Missed readings and very large VLF EM anomalies on lines 111N through 114N resulted from a gas pipe line and power line at the location shown on the VLF EM profile map.

VLF electromagnetic results show conductive features trendings roughly northerly. VLF EM profile character indicates that most conductors exhibit moderate to low conductance and occur near surface.

Nine conductor systems, "A" through "I", have been labelled for discussion.

System "A" is interpreted as a long disjointed conductor composed of weak and questionable anomalies on lines 100N through 106N and lines 108N through 112N. The weak system is believed to be important because it can be seen to correlate with a series of magnetic lows. Also on line 108N at about station 5425E, system "A" coincides with a "shaft" as described in field notes. VLF EM profiles and correlation with magnetic low trends suggests that conductor "A" reflects a conductive and weathered fault zone where rock within the fault has been oxidized to a less magnetic state. The presence of a shaft on line 108N which is coincident with conductor "A" indicates that the conductor may have been explored in this region and has some economic potential elsewhere along strike.

Conductors "B", "C", "D", "E" and "F" are short strike length systems which may be related to structure or conductive overburden.

System "C" occurs near an intense magnetic anomaly and, if not due to topography, may be related to conductive minerals

associated with magnetic minerals such as magnetite and magnetic pyrrhotite.

System "H" is a weak and short strike length feature and may be due to overburden or structure.

Conductor "I" appears to be on the flank of a magnetic high near the edge of the area. It appears to increase in strength and continue off area towards the south. Proximity to high magnetic activity hints at a relationship with sulphides.

2.2 Area 2, Lines 129N, 130N and 131N

No significant conductive trends were observed on the small grid #2 area. Magnetic contours suggest a northerly geologic trend.

2.3 Area 3, Lines 133N through 136N

Significant topographic effect can be seen on VLF EM profiles in this grid. Some weak conductor systems have been interpreted on the VLF EM profile map. These systems appear trend roughly northwest whereas magnetic contours suggest a more northerly geologic trend. Unsupporting magnetic trends point to the possibility of topography effect or overburden conductivity as the cause of anomalies found in Area #3.

2.4 Area 4, Lines 4050S through 4350S (magnetic survey only)

Magnetic contours suggest northerly geologic trends. Steep magnetic gradients may indicate rock contacts in the vicinity of 13250E on all lines and at about 13450E on line 4050S, 13475 on line 4150S and 13500E on line 4250S. A magnetic high can be seen between stations 13300E and 13400E on lines 4050S through 4250S. Strong magnetism and steep gradients seen here are believed to reflect basic rock types or near surface occurrences of magnetite.

3. RECOMMENDATIONS

From a geophysical standpoint the best targets for follow-up are the VLF EM anomalies in System "A" in Area 1. The "A" anomaly on line 109N should be checked first, with other anomalies along strike explored using information obtained from line 109N and from the shaft on line 108N.

Other VLF EM anomalies should be checked on the ground to determine if anomalies are surficial or bonafied bedrock conductors. If no evidence of conductive overburden or steep topography can be found then these anomalies should be explored in more details.

Ground exploration should include geological mapping and geochemical sampling to help determine the best targets for further exploration by trenching or drilling.

Magnetic survey results should be correlated with geological information in order to assess the importance of magnetic anomalies and to aid geological mapping.

(E.R. Rockel -
Interpretex Resources)

CONCLUSIONS

The following conclusions are drawn:

1. The property is underlain by Rossland Group volcanics and serpentinites which form the host rocks for gold deposits elsewhere in the Rossland Camp. The Rossland area was a substantial former gold producing district. Initial discoveries were made in 1890, and several major gold producers were subsequently developed - principally the Le Roi, Centre Star and War Eagle. Fyles (1984) gives production figures of:

Centre Star, 1897-1917	2,065,331 tonnes: 34,164,625 gm Au, 23,147,008 gm Ag, 13,366,167 kg Cu (0.48 oz/ton Au, 0.32 oz/ton Ag, 0.647% Cu)
Le Roi, 1898-1917	1,791,680 tonnes: 24,091,170 gm Au, 37,563,105 gm Ag, 21,330,618 Kg Cu (0.39 oz/ton Au, 0.61 oz/ton Ag, 1.19% Cu)
War Eagle, 1898-1905	300,169 tonnes: 5,659,751 gm Au, 12,036,613 gm Ag, 5,021,436 Kg Cu (0.54 oz/ton Au, 1.16 oz/ton Ag, 1.67% Cu)
Rossland Properties, 1918-1942	653,696 tonnes: 9,928,325 gm Au, 15,318,632 gm Ag, 6,162,263 Kg Cu (0.44 oz/ton Au, 0.68 oz/ton Ag, 0.94% Cu)

(mines by lessees from the combined properties Centre Star, Le Roi and War Eagle - data recorded by Cominco)

Overall Production,	4,811,000 tonnes: 73,844,000 gm Au
1897-1942	88,065,000 gm Ag, 45,880,000 Kg Cu
	(0.448 oz/ton Au, 0.53 oz/ton Ag,
	0.95% Cu)

2. The Ross claims are situated between former producing gold properties. The Velvet mine, situated on the south side of the Ross claims, was operated intermittently from 1901 to 1942. During 1954-1962 eight levels were developed over a vertical interval of some 700 ft. Reported metal recovery from 91,084 tons of ore was 19,744 oz gold, 20,195 oz silver and 1,224 tons copper (i.e. grades of 0.12 oz/ton gold, 0.22 oz/ton silver and 1.34% copper).

The IXL, OK, and Midnight mines are situated on the northeastern side of the Ross claims. Production from these mines as documented by Fyles (1984) was as follows:

I.X.L., 1899-1974	5,248 tonnes: 809,766 gm Au, 268,291 gm Ag, 8,255 Kg Cu
	(4.50 oz/ton Au, 1.49 oz/ton Ag, 1.57% Cu)
O.K., 1909, 1933-1939	293 tonnes: 17,916 gm Au, 14,991 gm Ag, 154 Kg Cu
	(1.784 oz/ton Au, 1.49 oz/ton Ag, 0.53% Cu)
Midnight, 1927-1974	4760 tonnes, 218,346 gm Au, 124,383 gm Ag, 62 Kg Cu

(1.338 oz/ton Au, 0.76 oz/ton Ag,
0.01% Cu)

3. The Ross Claims contain six principal areas of showings (for location, see Figure 4):

a) Constantine Prospect: Various mineralized shear zones carrying copper, lead and zinc values and 12-80 gm/tonne silver (0.35-2.33 oz/ton).

b) Various shears and disseminations of pyrite and pyrrhotite in Rosslund volcanics containing trace gold and average 8 gm/tonne silver (0.23 oz/ton).

c) Lenses and disseminations of chromite in serpentinite assaying as high as 29.8% Cr O , 0.08% TiO .

d) Mineralized shear zones in Rosslund volcanics originally explored by a very old shaft (Boiler Shaft). One sample from the dump ran 22.6 gm/tonne gold (0.66 oz/ton).

e) Apparently similar mineralized shears (on the power line) discovered by trenching in 1982. One 20 cm sheared band ran 30.6 gm/tonne gold (0.89 oz/ton) and 7.2 gm/tonne silver (0.21 oz/ton).

f) Similar zones to those occurring at 4 and 5 but situated in granitic intrusives.

4. Geochemical soil sampling, geophysical surveys and mapping by

previous owners in 1980-1982 and subsequent work in July, August 1987 by Sidon International Resources successfully traced known areas of mineralization and indicated probable extensions.

Four of the known areas of showings (1, 4, 5, 6 on Figure 4) require further exploration by trenching.

Of the five geochemical soil anomalies located by Sidon's 1987 surveys, A, B and D are in areas where no showings are currently known.

5. The showings on the power line (No. 5 on Figure 4) were discovered in 1982 by backhoe trenching as follow-up to geochemical soil sampling.

Thus, the generally extensive, but thin (1-2 m) overburden on the Ross Claims apparently does not mask mineralization in the bedrock.

RECOMMENDATIONS AND COST ESTIMATES

1. Showings 1, 4, 5 and 6 have been partially explored by previous programmes of trenching, pitting and underground work but remain open both along strike and down dip. Initial further exploration should be backhoe trenching.
2. Of the five geochemical soil anomalies located by Sidon's 1987 sampling programmes, three are in areas where no showings are currently known. All 5 anomalous areas should be explored by backhoe trenching.

3. The VLF EM conductors, particularly system A on Grid 1 (which may be related to the showings at the Boiler Shaft, (Showing 4) and those on the power line (Showing 5), should also be explored by backhoe trenching.

Phase I: Backhoe Trenching

A programme of trenching using a large backhoe (Caterpillar 225 or Bantam 366, etc.) is therefore proposed in order to explore the geochemical and geophysical targets and extend the known showings.

Costs would be as follows:

Supervision, prospecting, etc., sampling backhoe trenches:	
Geologist & Assistant: 20 days @ \$330/day	\$ 6,000
Food & Accommodation, Vehicle Rental, Report Preparation	4,000
Backhoe Rental: 15 days @ \$1,000/day	15,000
Geochemical Analyses and Assays	<u>5,000</u>
TOTAL: PHASE I	<u>\$30,000</u>

Phase II: Diamond Drilling

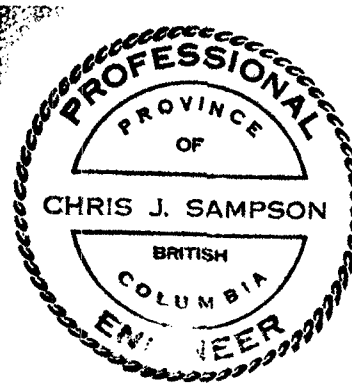
In order to further explore the mineralized areas, a programme of six 100 m. NQ diameter diamond drill holes totalling 600 m. (1962 ft) is recommended:

Costs would be as follows:

600 m. diamond drilling NQ including Mob and Demob @ \$80/m.	\$ 48,000
Assays: 300 @ \$20 each (Au, Ag, some As, etc.)	6,000
Supervision and Report Preparation: Geologist & Assistant: 30 days @ \$300/day	9,000
Food & Accommodation, Travel, Freight, Field Supplies	4,000
Contingency	<u>3,000</u>
TOTAL: PHASE II	<u>\$ 70,000</u>
GRAND TOTAL: PHASES I & II	<u>\$100,000</u>

Vancouver, B.C.
28 September 1987
Revised 19 April 1988

Chris J. Sampson
Chris J. Sampson, P.Eng.
Consulting Geologist



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Addie, George D. Geochemical Report for the Job Claims, Rossland, April 19, 1974 (Assessment Report 4927).

Bradish, L. Report of Work Geophysical Surveys on the Ross-Morrison Option, Rossland, B.C. Western Division, Noranda Exploration Ltd. (Assessment Report 12,127).

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Morrison, Lee G. Report on Geological, Geochemical and Geophysical Studies, Mar 1-4, Land 1-6, Skin 1-4, Ross and Call Claims, Rossland, B.C. for United Canso Oil & Gas Limited, February 1979 (Assessment Report 7162).

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Diamond Drilling Report, Cal, Mar 1 and Skin 3 Claims, Rossland, B.C. for United Canso Oil & Gas Ltd., November 1980 (Assessment Report 8936).

Report on Trenching and Soil Geochemistry on the Ross Mineral Claim, Rossland, B.C. November 1982 (Assessment Report 10,799).

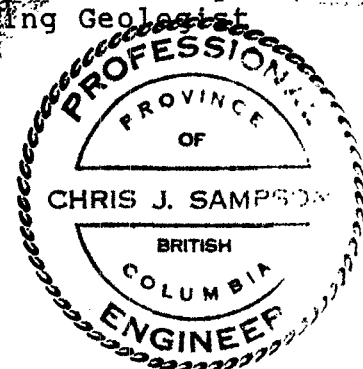
CERTIFICATE

I, Christopher J. Sampson, of 2696 West 11th Avenue, Vancouver, B.C., V6K 2L6, hereby certify that:

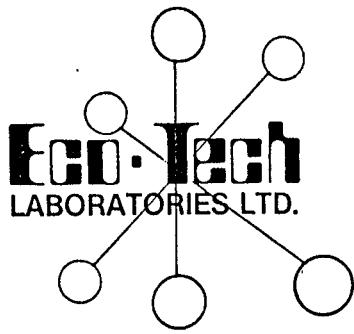
1. I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.
2. I have practised my profession of mining exploration for the past 21 years in Canada, Europe, United States and Central America. For the past 11 years I have been based in British Columbia.
3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers of British Columbia.
4. I have not written any other reports on the Ross 1-4 claims, but I have written on the Ross Island claims situated 7 kms east of the Ross 1-4 claims.
5. The present report is based on knowledge gained from visits to the property in July 1986, August 1987, study of published and unpublished reports.
6. I have not received, nor do I expect to receive, any interest, direct or indirect, in the properties or securities of Sidon International Resources Corp. or in those of its associated affiliates.
7. Sidon International Resources Corp. and its affiliates are hereby authorized to use this report in, or in conjunction with, any prospectus or statement of material facts.
8. I have no interest in any other property or company holding property within 10 kilometres of the Ross 1-4 group of claims.

Vancouver, B.C.
19 April 1988

Chris J. Sampson
Christopher J. Sampson, P.Eng.
Consulting Geologist



TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground			
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	25 km	ROSS 1 to 4	3,750.00
Electromagnetic	25 km	ROSS 1 to 4	3,750.00
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for)			
Soil	1848 soils 6 Element ICP (238 Au, Ag, As, Sb, Cu, Pb, Zn by AA)	ROSS 1 to 4 claims	11,978.85
Silt			
Rock	9 rock samples	ROSS 1 to 4 claims	192.50
Other			
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	87.25 km flagged & chained	ROSS 1 to 4 claims	25,942.00
Road, local access (kilometres)	40 km geophysical linecutting	ROSS 1 to 4 claims	8,800.00
Trench (metres)			
XXXXXXXXXXXX Chris J. Sampson, P. Eng.			
Property visit and qualifying (VSE) Report			3,450.00
TOTAL COST			\$61,563.35



ENVIRONMENTAL TESTING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ASSAYING

10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Telex: 048-8393

August 21, 1987

Miner

CERTIFICATE OF ANALYSIS ETK 87-316

CLIENT: Renegade Minerals
300, 800 West Pender Street
VANCOUVER, B.C.
V6M 1R9

ATTENTION: Brent Jardine

SAMPLE IDENTIFICATION: 451 soil samples received July 20, 1987

ICP ANALYSIS

ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-01	L109+50N 6000E	.7	24030	13	17	185	1.6	6	5560	2.7	16	26	40130
316-02	6050E	.4	37890	13	21	200	1.1	6	2580	1.8	8	20	23420
316-03	6100E	.7	43050	6	25	300	1.8	8	4890	2.6	14	35	42410
316-04	6150E	.8	37460	9	21	333	1.5	7	4800	2.7	12	39	36500
316-05	6200E	.8	36730	10	20	252	1.5	8	5200	2.4	11	(45)	34820
316-06	6250E	.6	38140	9	21	217	1.5	6	4020	2.3	10	(46)	33320
316-07	L110+50N 6000E	.7	35700	15	19	259	1.3	4	2780	1.9	10	21	29750
316-08	6050E	.7	31230	21	18	240	1.5	5	4940	2.7	13	26	35170
316-09	6150E	.7	34610	21	19	212	1.4	6	4270	1.9	10	31	31550
316-10	6200E	.7	37240	12	21	295	1.4	5	4010	2.4	13	(54)	33930
316-11	6250E	1.0	33220	7	20	528	1.5	6	5820	7.1	11	30	33500
316-12	L111+50N 5200E	1.0	36090	21	21	685	1.5	5	5870	3.7	11	(47)	34150
316-13	5250E	.6	31640	21	18	217	1.4	5	2760	2.5	13	20	31110
316-14	5300E	.6	26020	1	14	173	1.1	5	1830	1.4	11	16	25480
316-15	5350E	.8	33510	16	18	139	1.3	5	1790	2.5	13	24	26510
316-16	5400E	.8	29540	20	19	185	1.8	6	4790	4.2	17	33	41690
316-17	5450E	.8	30820	12	19	252	1.7	7	2830	3.4	21	22	39230
316-18	5500E	.5	34210	24	19	129	1.4	5	2790	2.4	13	18	32770
316-19	5600E	.8	32380	15	19	238	1.7	7	2940	3.1	21	20	38580
316-20	5650E	.6	37700	3	22	183	1.8	4	2900	3.8	18	25	39720

Renegade Minerals

ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-21	L111+50N 5600E	.6	36260	19	20	135	1.3	4	2260	2.1	11	17	27030
316-22	5650E	.6	26270	4	14	199	1.1	5	2170	2.1	8	12	26120
316-23	5700E	.8	30360	5	17	220	1.4	5	4840	3.2	13	22	32090
316-24	L112+50N 5200E	.6	29490	1	16	111	1.4	5	3390	2.5	12	36	28840
316-25	5250E	.8	30880	22	17	151	1.3	4	3550	3.1	11	48	27980
316-26	5300E	.7	24850	23	34	141	1.2	6	3150	2.3	14	21	28480
316-27	5350E	.9	25300	6	16	159	1.4	5	4160	2.9	13	38	32400
316-28	5400E	.8	32660	15	18	190	1.2	5	3090	2.6	9	35	25090
316-29	5500E	.7	21860	15	14	128	1.4	5	5230	3.1	14	20	36850
316-30	5550E	.6	24400	4	14	129	1.2	4	2480	2.4	10	24	27430
316-31	5600E	.5	28590	25	18	176	1.4	4	2210	2.7	15	17	32620
316-32	5650E	.6	32060	27	18	175	1.6	5	1970	2.1	13	18	37170
316-33	5700E	.4	31620	15	17	144	1.3	5	1710	3.7	12	16	29930
316-34	L113+50N 5200E	.5	11290	18	12	151	1.3	1	2560	3.4	17	9	38780
316-35	5250E	.6	25960	17	16	197	1.3	4	2340	2.8	22	17	35820
316-36	5300E	.7	28120	8	15	117	1.0	3	1530	1.6	10	13	27590
316-37	5350E	1.0	32110	21	18	166	1.2	4	3290	1.9	11	22	28130
316-38	5400E	.9	26060	18	16	127	1.5	5	3570	3.5	24	32	41890
316-39	5450E	1.2	25270	14	17	209	1.4	6	4660	4.7	14	36	32920
316-40	5500E	.8	23430	22	19	168	1.6	4	4190	4.2	16	37	41990
316-41	5550E	.8	23050	6	14	132	1.3	3	2520	2.1	14	15	34350
316-42	5600E	.5	21040	23	17	156	1.6	3	5270	4.5	20	27	42980
316-43	5650E	.5	23980	17	15	144	1.4	4	3100	3.7	18	47	35630
316-44	5700E	.6	30000	7	17	123	1.3	5	2480	2.8	14	25	34300
316-45	L115+50E 5000E	.4	15580	10	12	195	1.3	2	1970	2.7	19	9	40700
316-46	5050E	.6	30720	23	19	171	1.4	2	2480	2.5	17	12	32600
316-47	5100E	.5	30430	25	17	161	1.2	3	1810	2.6	15	12	28680
316-48	5150E	.7	26090	3	16	172	1.2	3	2360	2.6	18	15	31340
316-49	5200E	.8	32180	3	18	192	1.5	4	3000	3.6	19	17	33380
316-50	5250E	.7	29760	26	17	167	1.2	4	2610	2.2	15	15	29190
316-51	L115+50N 5300E	.6	37620	22	21	208	1.4	4	2200	2.3	14	16	32410
316-52	5350E	.6	24980	20	14	98	1.0	3	2000	2.2	10	13	24530
316-53	5400E	.7	25420	18	14	226	1.1	3	2540	1.5	10	15	25650
316-54	5450E	.6	22820	8	13	106	1.3	3	3140	2.2	14	24	33350
316-55	5500E	1.0	19060	20	14	133	1.4	4	5380	2.6	14	41	36530
316-56	5550E	1.6	36700	29	20	200	1.5	6	4670	3.0	14	74	36110
316-57	5600E	1.6	32010	7	19	172	1.5	7	3410	4.6	14	75	35530
316-58	5650E	.8	26090	4	15	143	1.2	6	2580	2.3	12	23	31770
316-59	5700E	.6	28170	26	18	198	1.7	3	4040	2.7	13	36	39820
316-60	5750E	.7	24580	6	14	143	1.1	3	1700	1.8	8	17	26930

Renegade Minerals

August 21, 1987

ETK#		<u>K</u>	<u>LI</u>	<u>MG</u>	<u>MN</u>	<u>MO</u>	<u>NA</u>	<u>NI</u>	<u>P</u>	<u>PB</u>	<u>SB</u>	<u>SR</u>	<u>TH</u>
316-01	L109+50N	6000E 1680	23	20380	574	2	300	190	1050	16	3	60	1
316-02		6050E 900	22	5540	625	1	380	58	3200	11	2	52	1
316-03		6100E 2240	33	15990	896	4	230	121	1270	5	1	42	1
316-04		6150E 1650	22	11330	1049	1	230	46	2580	8	2	71	1
316-05		6200E 1740	22	11100	631	2	260	47	1500	6	3	54	1
316-06		6250E 1660	37	10340	595	2	310	42	1150	7	1	43	1
316-07	L110+50N	6000E 1100	26	8450	573	2	250	99	2930	4	3	46	1
316-08		6050E 1840	28	11850	886	1	230	125	1950	9	2	60	1
316-09		6100E 1440	26	9980	668	1	260	74	1560	6	1	50	1
316-10		6150E 1430	22	8140	1579	2	340	43	1600	6	2	50	1
316-11		6200E 2140	23	8760	1955	2	310	37	2570	4	2	82	1
316-12		6250E 2360	27	9670	2399	1	290	30	3500	22	3	113	1
316-13	L111+50N	5200E 1020	33	11910	587	2	230	292	2300	8	3	44	1
316-14		5250E 600	21	8080	673	2	250	192	1550	31	2	26	1
316-15		5300E 650	24	7400	429	2	230	185	1590	31	4	20	1
316-16		5350E 2110	48	22260	570	2	240	451	860	14	5	39	1
316-17		5400E 1230	30	17730	1486	1	220	369	1030	16	4	36	1
316-18		5450E 960	28	11750	247	1	270	219	2270	13	3	39	1
316-19		5500E 1260	38	17780	681	2	220	454	1500	8	5	24	1
316-20		5550E 1280	34	18880	466	2	220	363	860	15	5	23	1
316-21		5600E 960	25	8810	287	1	330	240	810	13	2	22	1
316-22		5650E 770	18	4160	863	2	200	34	2970	8	2	57	1
316-23		5700E 1310	24	10610	1030	1	250	146	1770	9	4	63	1
316-24	L112+50N	5200E 910	28	12110	496	2	360	439	530	11	3	35	1
316-25		5250E 990	18	11560	645	2	560	833	280	19	5	38	1
316-26		5300E 830	37	12300	755	1	410	423	490	21	3	33	1
316-27		5350E 1060	26	13530	773	1	370	480	500	21	3	41	1
316-28		5400E 820	31	8440	553	1	490	406	500	11	4	35	1
316-29		5500E 1210	20	20830	401	1	620	212	670	7	2	75	1
316-30		5550E 810	36	12290	387	1	260	302	370	19	2	26	1
316-31		5600E 740	25	12920	571	3	170	258	1360	15	1	16	1
316-32		5650E 950	32	11860	448	2	130	181	1720	16	1	24	1
316-33		5700E 910	46	8940	590	1	180	436	2290	9	3	26	1
316-34	L113+50N	5200E 510	13	20730	637	1	150	297	360	32	2	21	1
316-35		5250E 850	28	14570	648	1	180	506	660	27	3	21	1
316-36		5300E 650	25	5770	275	2	210	109	2160	4	1	28	1
316-37		5350E 1140	40	9350	502	1	300	300	930	32	3	37	1
316-38		5400E 1250	38	20470	594	1	190	291	1000	115	4	36	1
316-39		5450E 1310	27	14360	885	2	220	235	1390	90	3	56	1
316-40		5500E 1660	24	25790	565	1	250	344	1030	45	2	37	1

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EIK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-41	L113+50N 5550E	860	25	13980	435	1	200	183	1310	18	3	30	1
316-42	5600E	2160	25	32560	625	1	260	353	1200	53	3	52	1
316-43	5650E	1050	33	17830	612	2	230	886	450	27	5	32	1
316-44	5700E	1050	54	12740	270	2	170	657	780	7	3	21	1
316-45	L115+50N 5000E	600	17	21310	486	2	100	329	390	13	2	13	1
316-46	5050E	790	26	13800	276	2	200	269	760	11	3	17	1
316-47	5100E	630	26	11450	236	2	210	293	900	12	3	17	1
316-48	5150E	780	21	14610	572	1	240	360	620	13	2	22	1
316-49	5200E	1030	33	20080	396	4	260	319	1270	12	3	23	1
316-50	5250E	870	40	12030	431	2	250	398	720	13	2	28	1
316-51	5300E	980	57	12780	262	2	260	688	780	6	4	17	1
316-52	5350E	810	33	8260	399	2	240	329	450	13	3	19	1
316-53	5400E	840	24	7500	503	1	220	171	2220	3	2	53	1
316-54	5450E	1050	31	13280	356	1	280	285	510	6	3	29	1
316-55	5500E	1580	19	19040	436	1	410	317	850	35	3	61	1
316-56	5550E	1520	41	14000	404	2	580	418	1080	26	3	79	1
316-57	5600E	1330	27	13140	693	3	280	240	1490	129	2	44	1
316-58	5650E	880	25	8220	494	2	250	107	3120	23	3	50	1
316-59	5700E	1680	25	16800	403	1	300	225	1080	17	3	49	1
316-60	5750E	780	23	5520	280	1	230	56	2490	5	3	39	1

EIK#		U	V	ZN	GA	SN	W	CR
316-01	L109+50N 6000E	1	68.0	100	3	2	1	191
316-02	6050E	1	35.9	117	1	3	6	38
316-03	6100E	1	72.5	147	2	2	7	97
316-04	6150E	2	68.1	134	2	3	6	54
316-05	6200E	4	67.8	143	2	1	5	50
316-06	6250E	1	62.5	159	2	3	7	40
316-07	L110+50N 6000E	2	46.5	199	2	1	6	68
316-08	6050E	1	62.3	200	2	1	1	82
316-09	6100E	1	55.3	176	2	4	6	58
316-10	6150E	3	63.6	216	2	3	1	32
316-11	6200E	2	57.6	467	3	1	6	43
316-12	6250E	2	56.5	221	3	3	4	35
316-13	L111+50N 5200E	1	46.5	154	3	2	2	93
316-14	5250E	1	36.0	240	2	2	2	77
316-15	5300E	1	36.1	432	2	4	4	62
316-16	5350E	1	65.1	134	3	2	1	151
316-17	5400E	1	56.1	175	4	2	1	138
316-18	5450E	1	46.9	340	2	4	5	86
316-19	5500E	1	51.9	182	3	4	1	109
316-20	5550E	2	57.1	158	3	3	6	147

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ETK#	DESCR.	U	V	ZN	GA	SN	W	CR
316-21	L111+50N 5600E	2	39.1	116	2	6	1	59
316-22	5650E	1	35.5	389	2	5	1	36
316-23	5700E	1	52.5	178	3	2	1	80
316-24	L112+50N 5200E	1	44.6	109	3	4	1	90
316-25	5250E	2	36.9	120	4	4	2	81
316-26	5300E	1	45.8	170	3	4	2	139
316-27	5350E	1	51.0	134	3	5	4	129
316-28	5400E	1	34.8	241	2	5	5	80
316-29	5500E	1	62.8	90	2	4	3	182
316-30	5550E	2	42.9	277	3	4	5	136
316-31	5600E	1	48.1	132	2	2	2	87
316-32	5650E	1	53.4	149	3	6	7	82
316-33	5700E	1	41.1	183	3	6	6	56
316-34	L113+50N 5200E	1	33.4	84	3	1	2	422
316-35	5250E	1	45.5	119	3	2	3	228
316-36	5300E	1	41.6	145	1	5	1	78
316-37	5350E	2	43.9	183	2	5	4	83
316-38	5400E	2	60.8	650	3	4	3	219
316-39	5450E	1	48.4	479	3	3	2	151
316-40	5500E	1	60.5	169	3	2	4	276
316-41	5550E	1	47.6	152	3	4	1	175
316-42	5600E	1	60.8	124	3	2	2	306
316-43	5650E	2	47.1	145	4	5	1	156
316-44	5700E	2	49.8	250	3	7	2	183
316-45	L115+50N 5000E	2	41.0	89	3	2	1	376
316-46	5050E	1	41.4	114	2	5	2	179
316-47	5100E	2	38.5	125	2	5	1	141
316-48	5150E	1	40.8	79	3	2	3	179
316-49	5200E	1	48.7	101	3	5	1	144
316-50	5250E	1	39.8	91	3	4	1	123
316-51	5300E	2	48.1	102	3	2	1	128
316-52	5350E	1	37.7	102	2	2	3	98
316-53	5400E	1	35.8	92	2	2	1	97
316-54	5450E	1	57.2	110	2	1	2	163
316-55	5500E	1	62.8	223	3	3	3	219
316-56	5550E	1	60.5	396	3	4	2	116
316-57	5600E	2	56.1	1129	3	3	5	122
316-58	5650E	1	50.6	347	2	3	1	91
316-59	5700E	1	66.3	122	3	2	2	167
316-60	5750E	1	46.8	157	2	2	1	47

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ETK#	DESCR.	AGG	AL	FAS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-61	L115+50N 5800E	.9	27920	12	16	177	1.3	3	2070	2.2	10	18	28820
316-62	5850E	.9	33230	8	20	193	1.2	4	2160	2.0	10	22	32170
316-63	5900E	1.0	31070	15	18	190	1.5	5	3220	1.9	10	26	30640
316-64	5950E	1.0	35240	21	20	152	1.4	5	2670	2.2	9	23	28700
316-65	6000E	1.0	32630	7	17	186	1.3	5	2380	1.6	8	24	26050
316-66	6050E	1.0	33240	12	18	153	1.2	5	2680	1.7	6	21	21200
316-67	6100E	1.1	33350	19	18	335	1.1	4	2530	2.0	8	18	25200
316-68	6150E	1.0	40470	26	23	215	1.5	6	2420	1.7	10	40	32140
316-69	6200E	.9	33450	26	18	243	1.5	4	2100	1.9	9	30	30590
316-70	6250E	1.0	29470	5	16	327	1.4	6	2280	1.8	9	34	31880
316-71	L116+50N 5300E	.6	15260	18	11	105	.9	3	1910	1.6	11	11	24150
316-72	5350E	.4	16560	19	13	101	1.1	2	1560	2.1	11	11	27770
316-73	5400E	.8	19870	11	13	118	1.0	4	1330	1.6	10	11	23610
316-74	5450E	.8	29860	10	18	209	1.4	3	1610	2.3	13	15	32470
316-75	5500E	.8	21640	13	15	146	1.3	3	1380	2.8	14	14	32180
316-76	5550E	.9	24550	25	16	147	1.5	4	2210	2.6	14	22	34780
316-77	5600E	.7	14110	2	9	104	.9	1	1210	1.5	8	12	24620
316-78	5650E	.9	21950	22	14	145	1.3	2	2000	2.6	13	16	34470
316-79	5700E	1.0	20800	14	14	169	1.2	5	3170	2.5	12	15	27680
316-80	L116N 5000E	.7	20770	19	15	161	1.2	2	2180	2.8	17	12	31580
316-81	5050E	.6	20220	20	16	142	1.4	3	2460	3.3	20	14	35460
316-82	5100E	.4	26610	4	17	141	1.3	2	1380	3.0	14	13	31010
316-83	5150E	.6	16860	18	13	140	1.2	3	1370	3.0	15	9	28790
316-84	5200E	.6	16220	3	14	147	1.2	2	1390	3.6	16	10	30690
316-85	5250E	.5	19600	17	13	155	1.1	3	1170	2.8	15	11	26330
316-86	5300E	.8	30830	7	17	213	1.3	3	1360	2.6	13	15	24500
316-87	5350E	.7	32630	5	19	211	1.1	2	1520	2.1	11	15	24610
316-88	5400E	.6	19810	10	13	125	1.2	3	1500	2.3	12	13	28720
316-89	5450E	.8	22010	15	13	123	1.0	3	1770	2.6	9	20	23520
316-90	5500E	.8	20500	21	13	126	1.1	2	1700	2.5	11	15	25600
316-91	5550E	.7	33610	14	19	184	1.4	2	1640	2.8	16	21	34900
316-92	5600E	.4	16210	17	10	119	1.2	1	2470	2.3	14	19	30900
316-93	5650E	.5	19420	2	17	140	1.4	2	2740	3.8	16	23	37750
316-94	5700E	.8	15760	13	9	117	1.0	4	1740	1.6	9	10	25650
316-95	5750E	.8	31420	12	17	198	1.4	3	2020	2.7	12	24	32610
316-96	5800E	1.0	35890	11	19	186	1.7	3	3090	2.8	14	38	38450
316-97	5850E	.8	27250	6	15	143	1.2	3	2840	2.5	10	24	32450
316-98	5900E	.8	32540	6	18	162	1.5	2	3050	3.3	12	24	35040
316-99	5950E	.7	20110	9	11	119	1.2	4	3750	1.9	10	17	29070
316-100	6000E	.9	25610	12	14	164	1.2	5	3120	1.8	8	15	30500

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ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-101	L116N 6050E	.9	31680	8	17	157	1.2	5	2330	1.9	9	19	28810
316-102	6100E	1.0	36900	23	20	213	1.3	5	2470	2.1	8	26	27110
316-103	6150E	.9	35800	26	18	326	1.6	6	3090	2.5	15	35	36130
316-104	6200E	1.0	33850	17	16	177	1.2	3	2240	1.6	7	24	23760
316-105	6250E	1.0	25350	2	13	239	1.1	3	2760	1.4	8	28	26250
316-106	L117+50 5300E	.8	29810	7	18	217	1.2	4	1870	2.0	10	20	26800
316-107	L117+50N 5350E	.4	19680	9	14	148	1.2	2	2170	3.0	12	16	30400
316-108	5400E	.8	19110	14	13	136	1.2	3	2380	3.0	12	22	28340
316-109	5450E	.6	27350	5	16	131	1.1	5	2190	1.4	9	16	25500
316-110	5500E	.9	23070	17	15	127	1.4	3	2680	2.9	11	24	29610
316-111	5550E	1.0	24050	13	15	160	1.4	5	2300	3.2	11	29	31340
316-112	5600E	.7	26860	4	16	136	1.2	3	1600	2.8	10	17	27890
316-113	5650E	.7	26210	6	16	188	1.2	3	2130	2.5	13	19	31370
316-114	5700E	.5	32620	27	26	161	1.9	1	1900	5.4	27	24	46510
316-115	L117N 5000E	.9	18510	19	19	251	1.8	1	2710	4.3	32	16	46860
316-116	5050E	.7	16430	12	9	157	.8	2	1040	1.8	10	8	20920
316-117	5100E	.8	18790	16	12	145	1.1	3	1900	2.8	13	11	29310
316-118	5150E	.5	13660	3	12	120	1.3	1	2570	3.3	15	15	30450
316-119	5200E	.7	24240	2	13	154	1.2	3	1690	1.7	11	12	29540
316-120	5250E	.7	24930	11	14	170	1.2	2	1980	2.1	11	13	26250

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PD	SB	SR	TH
316-61	L115+50N 5800E	840	20	7360	582	3	130	89	1760	9	④	37	1
316-62	5850E	960	22	8280	586	2	150	108	1950	10	3	36	1
316-63	5900E	1080	20	8920	675	3	140	126	1420	7	④	51	1
316-64	5950E	1000	53	6180	546	3	250	131	520	5	④	18	1
316-65	6000E	880	17	5620	663	2	160	33	1480	10	④	32	1
316-66	6050E	810	24	3280	560	2	240	21	1540	3	④	29	1
316-67	6100E	920	20	4530	1003	2	200	19	4540	12	3	79	1
316-68	6150E	1260	24	8570	441	1	200	45	1200	5	④	19	1
316-69	6200E	970	20	6930	941	2	120	29	1240	8	④	23	1
316-70	6250E	1000	21	6940	1566	1	150	24	1890	3	④	35	1
316-71	L116+50N 5300E	870	21	12720	444	1	220	216	280	12	3	23	1
316-72	5350E	670	25	13680	352	2	140	211	530	7	2	14	1
316-73	5400E	580	21	8380	291	1	130	173	930	10	④	17	1
316-74	5450E	790	27	11960	281	2	140	199	3290	9	④	37	1
316-75	5500E	770	24	12510	680	1	130	189	1250	4	3	15	1

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EIK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-76	L116+50N 5550E	900	29	15730	399	1	220	307	520	6	5	20	1
316-77	5600E	470	18	7810	292	2	80	200	430	8	1	12	1
316-78	5650E	920	23	11780	317	1	120	194	940	19	4	20	1
316-79	5700E	1040	22	9280	889	2	190	131	1050	33	4	48	1
316-80	L116N 5000E	590	24	17440	358	1	150	363	410	21	4	15	1
316-81	5050E	660	21	22470	473	3	120	423	450	39	4	14	1
316-82	5100E	700	27	15440	297	2	100	284	810	6	3	6	1
316-83	5150E	490	19	16230	459	1	110	293	500	8	4	6	1
316-84	5200E	530	19	21180	332	3	80	413	590	8	1	11	1
316-85	5250E	540	22	16560	239	2	120	426	730	4	3	8	1
316-86	5300E	680	29	8430	247	2	180	369	1890	12	1	28	1
316-87	5350E	990	38	10280	207	1	220	462	1070	6	4	18	1
316-88	5400E	690	31	14080	307	2	160	332	560	9	4	20	1
316-89	5450E	760	30	11430	431	2	230	404	300	12	1	17	1
316-90	5500E	780	31	13660	329	1	210	297	300	8	4	15	1
316-91	5550E	880	41	15400	403	2	130	347	1140	5	3	14	1
316-92	5600E	1240	22	16400	383	2	130	202	760	13	3	35	1
316-93	5650E	790	23	24230	781	1	200	365	620	9	3	35	1
316-94	5700E	630	15	6620	560	1	140	93	1300	16	2	40	1
316-95	5750E	1250	25	11670	607	1	130	150	1440	8	4	32	1
316-96	5800E	1350	24	14600	638	2	100	196	1060	15	4	47	1
316-97	5850E	1640	30	13710	317	1	190	168	700	10	2	33	1
316-98	5900E	1190	33	13160	698	3	90	139	950	21	4	32	1
316-99	5950E	1710	20	14150	256	2	300	151	530	10	2	52	1
316-100	6000E	960	29	7920	213	1	180	64	2970	5	4	87	1
316-101	L116N 6050E	890	21	7490	360	3	190	82	2020	5	3	43	1
316-102	6100E	1290	20	6430	502	2	280	37	1140	11	4	35	1
316-103	6150E	1480	32	14220	634	2	150	86	2370	3	2	63	1
316-104	6200E	870	17	5510	607	2	130	19	1560	8	4	38	1
316-105	6250E	1040	18	6030	1339	1	150	28	1240	12	4	36	1
316-106	L117+50 5300E	850	43	13680	362	2	230	461	490	7	4	16	1
316-107	L117+50N5350E	1120	28	18660	312	1	180	372	500	5	2	21	1
316-108	5400E	790	21	15250	603	2	180	388	340	5	3	20	1
316-109	5450E	850	32	11720	289	1	330	353	290	12	4	22	1
316-110	5500E	900	24	17270	527	2	300	329	300	6	4	31	1
316-111	5550E	750	25	13610	881	2	210	247	600	25	3	28	1
316-112	5600E	700	19	10680	379	2	140	169	1630	8	4	25	1
316-113	5650E	930	24	14450	550	1	130	241	1170	11	3	25	1
316-114	5700E	1040	35	34860	598	1	100	880	800	22	6	5	1
316-115	L117N 5000E	770	18	29110	1373	2	90	507	590	66	1	22	1
316-116	5050E	490	14	9390	518	1	60	166	550	22	3	10	1
316-117	5100E	610	19	14210	496	2	110	229	600	16	4	20	1
316-118	5150E	1100	14	24440	345	1	100	313	1080	16	2	28	1
316-119	5200E	770	23	11320	235	1	110	171	1550	8	3	24	1
316-120	5250E	940	33	12460	237	1	90	298	1020	13	4	23	1

Renegade Minerals

ETK#	DESCR.	U	V	GN	GA	SN	W	CR
316-61	L115+50N 5800E	1	46.7	131	2	7	2	48
316-62	5850E	1	52.4	146	2	5	6	53
316-63	5900E	2	52.7	152	3	6	2	52
316-64	5950E	2	50.7	165	2	4	2	32
316-65	6000E	3	44.3	184	2	5	3	26
316-66	6050E	2	32.8	188	1	8	5	15
316-67	6100E	2	37.2	265	2	7	6	21
316-68	6150E	3	58.2	141	2	6	7	35
316-69	6200E	3	57.6	146	2	3	1	31
316-70	6250E	3	59.2	173	3	4	4	34
316-71	L116+50N 5300E	4	36.8	69	3	3	2	123
316-72	5350E	1	38.5	63	2	1	3	147
316-73	5400E	2	33.5	63	3	2	2	101
316-74	5450E	1	41.8	91	2	2	2	135
316-75	5500E	5	42.6	89	3	2	2	168
316-76	5550E	3	52.4	97	3	1	2	211
316-77	5600E	2	33.0	94	2	1	2	125
316-78	5650E	2	50.9	128	2	3	2	148
316-79	5700E	4	45.1	107	3	3	3	78
316-80	L116N 5000E	1	38.1	114	3	2	2	222
316-81	5050E	5	41.8	114	3	2	3	253
316-82	5100E	2	35.4	121	2	7	2	173
316-83	5150E	2	31.8	70	2	2	2	186
316-84	5200E	3	31.2	64	3	6	3	235
316-85	5250E	3	29.7	55	3	6	3	170
316-86	5300E	4	32.0	62	2	5	3	117
316-87	5350E	3	28.7	81	2	4	2	112
316-88	5400E	2	37.4	70	2	2	2	163
316-89	5450E	3	34.1	75	2	1	1	168
316-90	5500E	1	35.2	67	2	2	2	145
316-91	5550E	1	43.6	107	2	1	1	220
316-92	5600E	1	48.6	79	3	1	5	141
316-93	5650E	1	46.6	97	3	3	3	252
316-94	5700E	1	40.2	88	2	1	2	74
316-95	5750E	1	52.9	128	2	2	7	81
316-96	5800E	1	64.2	138	3	5	1	90
316-97	5850E	1	56.0	109	2	6	7	69
316-98	5900E	1	59.3	162	2	1	6	64
316-99	L116N 5950E	1	51.2	81	2	1	1	94
316-100	6000E	1	45.9	143	2	2	1	65
316-101	6050E	1	49.4	193	2	5	4	47
316-102	6100E	1	48.8	212	1	8	1	28
316-103	6150E	1	54.1	186	2	3	1	69
316-104	6200E	1	36.6	135	1	8	8	21
316-105	6250E	1	47.0	148	2	1	1	30

Renegade Minerals

ETK#	DESCR.	U	V	ZN	GA	SN	W	CR
316-106	L117+50 5300E	1	36.8	77	2	2	1	133
316-107	L117+50N 5350E	1	38.1	60	2	6	3	170
316-108	5400E	1	40.3	87	3	3	4	180
316-109	5450E	1	39.4	88	2	1	2	137
316-110	5500E	1	44.0	79	3	6	7	185
316-111	5550E	2	46.1	99	3	3	2	192
316-112	5600E	1	40.1	84	2	1	3	110
316-113	5650E	2	44.8	104	2	1	2	108
316-114	5700E	1	55.0	110	3	1	4	152
316-115	L117N 5000E	2	43.5	102	4	6	5	401
316-116	5050E	1	22.9	74	2	1	1	95
316-117	5100E	1	35.3	73	3	1	2	179
316-118	5150E	1	34.7	58	3	1	2	179
316-119	5200E	1	37.8	73	2	1	4	107
316-120	5250E	2	32.9	91	3	1	2	106

Renegade Minerals

ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-121	L117N	5300E .6	15850	7	8	164	.9	3	1100	1.2	8	7	22970
316-122		5400E .7	20910	18	14	172	1.2	4	1550	2.4	15	14	28720
316-123		5450E .8	20460	6	9	90	.8	4	740	1.1	6	8	19810
316-124		5500E .7	17190	14	11	97	1.1	2	1700	3.0	11	13	29370
316-125		5550E .7	19130	13	11	103	1.0	4	1230	1.8	8	11	23160
316-126		5600E .7	18350	14	10	116	1.6	3	2740	2.1	10	21	27550
316-127		5650E .8	35570	2	19	129	1.6	3	1690	2.5	13	16	30290
316-128		5700E .6	27750	3	16	207	1.4	3	1870	2.2	12	18	31490
316-129		5750E .8	32130	3	18	308	1.6	4	3690	3.2	12	30	33340
316-130		5800E .8	31560	14	16	237	1.6	4	2480	2.3	11	35	33970
316-131		5850E .8	20900	10	11	142	1.1	5	2180	2.6	9	16	25160
316-132		5900E .8	32430	9	18	281	1.7	4	3850	3.4	19	24	38750
316-133		5950E .8	33780	2	19	252	1.5	4	3780	2.4	11	25	34260
316-134		6000E .9	29640	8	16	381	1.4	3	3430	3.0	10	23	31250
316-135		6050E 1.0	39230	4	21	255	1.8	4	3630	3.3	13	36	39820
316-136		6100E 1.0	33830	1	19	185	1.6	4	3740	2.3	10	37	31640
316-137		6150E 1.0	32440	10	17	227	1.5	5	3470	2.4	9	37	30930
316-138		6200E 1.0	27820	21	14	232	1.2	4	2300	2.3	7	29	27580
316-139		6250E 1.0	23030	8	11	334	1.3	4	1620	2.2	9	26	33550
316-140	L118N	5000E .6	10940	5	6	134	.7	1	1030	1.2	6	7	18100
316-141		5050E .6	19930	2	14	193	1.5	2	1510	3.8	21	12	37190
316-142		5100E .4	13470	1	24	186	1.6	1	1670	5.9	49	13	45150
316-143		5150E .6	19140	14	11	191	1.0	2	1660	2.5	15	11	27350
316-144		5200E .6	25300	6	13	129	1.1	3	1610	2.1	11	10	23860
316-145		5250E .7	15510	18	12	136	1.3	3	1670	4.0	23	11	35550
316-146		5300E .8	13130	9	9	244	1.1	3	2700	2.6	15	11	29380
316-147		5350E .7	21910	16	14	194	1.1	2	1560	3.2	16	17	31370
316-148		5400E .8	29750	12	16	198	1.1	3	1300	2.6	15	16	30130
316-149		5450E .8	20920	10	11	183	1.0	4	1720	1.6	10	13	28310
316-150		5500E .7	17450	11	11	104	1.0	2	1180	1.5	8	9	27300
316-151		5550E .7	23620	12	15	173	1.6	6	3260	3.6	18	17	36740
316-152		5600E .7	26810	4	16	169	1.6	5	3100	2.6	14	19	34250
316-153		5650E .7	29550	12	18	174	1.6	5	2220	3.6	18	17	37180
316-154		5700E .1	19870	1	21	125	1.6	4	2220	4.9	27	15	46150
316-155		5750E .6	28560	6	19	139	1.1	5	2070	1.9	14	14	24870
316-156		5800E .9	36810	20	23	289	1.9	6	3850	4.2	19	31	43910
316-157		5900E .8	31680	21	20	239	1.6	5	3370	4.0	15	27	36740
316-158		5950E .9	36170	2	20	312	1.5	6	3210	4.0	11	25	33020
316-159		6000E .9	40110	17	21	244	1.5	7	2660	2.8	10	19	29440
316-160		6050E 1.0	50430	25	27	221	1.9	7	2810	3.3	11	42	33210

Renegade Minerals

ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-161	L118N 6100E	1.0	42310	21	23	222	1.4	6	2770	2.3	10	25	30950
316-162	6150E	.8	39230	2	20	238	1.6	7	4020	2.3	11	30	34510
316-163	6200E	.9	36860	3	19	251	1.5	7	4200	2.0	10	31	32810
316-164	6250E	1.1	39820	9	20	240	1.6	7	3490	2.9	13	32	36360
316-165	L119N 5000E	.2	20730	27	20	148	1.6	3	2240	5.4	30	15	42910
316-166	5050E	.8	25000	3	15	221	1.3	6	2750	2.3	12	13	31750
316-167	5100E	.7	25100	7	14	275	1.3	6	2750	2.5	11	17	30990
316-168	5150E	.7	27500	22	19	110	1.4	5	2880	4.0	16	21	36020
316-169	5200E	.8	26070	22	15	149	1.2	5	2230	1.7	10	13	26160
316-170	5250E	.7	24730	6	13	227	1.1	4	2490	1.9	12	13	27850
316-171	5300E	.7	29310	18	16	154	1.2	5	2730	1.9	10	16	24920
316-172	5350E	.6	31410	10	20	164	1.3	4	2520	2.3	15	16	31760
316-173	5400E	.6	28930	10	16	150	1.3	5	2320	2.5	15	17	31870
316-174	5450E	.8	32940	18	18	146	1.2	5	1850	1.8	8	22	24460
316-175	5500E	.6	25830	10	17	132	1.0	4	2110	2.5	9	13	24510
316-176	5550E	.9	29710	9	16	176	1.4	6	1470	1.6	8	17	31130
316-177	5600E	.7	35060	9	23	242	1.5	4	2600	2.8	14	17	32380
316-178	5650E	.8	25800	20	16	178	1.4	4	2680	3.3	21	16	38430
316-179	5700E	.6	23230	8	18	171	1.5	3	2540	3.6	30	16	39750
316-180	5750E	.6	45970	15	25	136	1.4	3	1480	2.3	14	19	32110

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-121	L117N 5300E	540	19	7420	386	2	100	130	1570	8	2	30	1
316-122	5400E	690	29	14540	372	1	120	320	1250	4	④	22	1
316-123	5450E	440	15	3900	140	1	100	68	1550	7	2	22	1
316-124	5500E	660	21	14320	468	2	160	202	290	17	3	21	1
316-125	5550E	500	27	10260	327	2	160	201	290	10	1	10	1
316-126	5600E	560	19	11950	472	1	100	261	660	②⑨	3	43	1
316-127	5650E	750	22	12810	298	1	120	285	1600	16	⑤	19	1
316-128	5700E	900	21	10840	527	2	110	201	2020	9	2	32	1
316-129	5750E	1420	25	12040	860	3	130	137	1870	9	3	71	1
316-130	5800E	1500	23	12150	673	2	120	122	1470	15	④	32	1
316-131	5850E	980	39	11030	543	2	230	118	450	4	2	29	1
316-132	5900E	1450	41	10650	938	1	150	332	1250	14	④	39	1
316-133	5950E	1640	29	11810	616	1	140	137	1840	8	3	54	1
316-134	6000E	1260	23	9730	997	1	160	89	1930	7	3	53	1
316-135	6050E	2660	30	14850	505	3	200	127	1600	17	④	34	1
316-136	6100E	1150	45	9840	412	3	230	167	790	15	⑤	36	1
316-137	6150E	1310	21	8680	398	3	190	52	1440	8	④	47	1
316-138	6200E	880	17	5720	863	1	100	19	1050	②⑦	1	29	1
316-139	6250E	930	25	5460	1596	2	110	10	1230	⑤⑧	1	38	1
316-140	L118N 5000E	370	10	3440	163	1	100	81	1660	④⑩	2	32	1

Renegade Minerals

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PR	SB	SR	TH
316-141	L118N 5050E	510	19	23550	769	2	80	498	480	31	4	6	1
316-142	5100E	440	16	46060	1581	1	40	749	690	28	4	8	2
316-143	5150E	560	21	13140	497	1	110	268	1120	18	3	21	1
316-144	5200E	510	23	7960	218	3	120	173	1130	11	3	21	1
316-145	5250E	570	16	20180	716	2	90	357	700	17	1	15	1
316-146	5300E	890	14	12870	1658	1	130	195	430	66	1	28	1
316-147	5350E	620	31	18650	372	2	120	342	700	9	4	11	1
316-148	5400E	780	37	12530	372	1	90	297	2160	13	3	19	1
316-149	5450E	560	17	7760	752	1	100	129	1290	14	3	26	1
316-150	5500E	550	24	7840	296	1	90	86	740	5	1	12	1
316-151	5550E	900	30	14170	654	1	220	244	1830	19	2	52	1
316-152	5600E	920	20	15070	464	3	200	252	1460	10	3	43	1
316-153	5650E	880	31	15170	416	1	170	305	1280	4	4	30	1
316-154	5700E	700	23	36310	457	1	130	818	460	4	5	8	1
316-155	5750E	750	30	11090	229	2	270	254	770	5	2	20	1
316-156	5800E	1670	26	20930	1039	1	170	295	1690	23	4	44	1
316-157	5900E	1360	23	21950	526	1	230	270	2430	9	4	45	1
316-158	5950E	1400	24	10450	993	2	290	100	2880	17	3	64	1
316-159	6000E	1140	26	8610	992	1	310	92	1710	13	4	36	1
316-160	6050E	1570	83	10110	359	1	380	235	1240	17	5	24	1
316-161	6100E	1500	29	9700	319	2	320	109	1550	16	4	29	1
316-162	6150E	1940	34	11610	457	1	390	68	1350	9	5	56	1
316-163	6200E	1640	27	10580	444	2	320	85	1940	11	3	61	1
316-164	6250E	1190	48	11070	487	2	310	159	1740	14	4	46	1
316-165	L119N 5000E	930	20	37920	763	2	110	721	670	5	4	11	1
316-166	5050E	1480	27	10890	481	1	200	187	1250	13	3	37	1
316-167	5100E	930	20	8060	608	1	210	131	2220	26	3	51	1
316-168	5150E	1010	27	22490	345	3	240	419	770	15	4	19	1
316-169	5200E	660	20	8160	462	2	240	136	1060	12	3	28	1
316-170	5250E	720	24	8430	402	2	200	189	2370	9	3	48	1
316-171	5300E	700	36	9840	272	1	490	462	200	14	4	31	1
316-172	5350E	890	37	13490	391	2	270	508	1140	13	5	24	1
316-173	5400E	810	29	12700	335	1	190	261	1380	9	3	26	1
316-174	5450E	600	29	6180	358	2	290	487	600	12	5	13	1
316-175	5500E	530	28	10130	271	2	310	183	530	11	3	30	1
316-176	5550E	600	29	6590	169	2	230	178	3260	3	4	42	1
316-177	5600E	850	23	12540	731	2	250	247	2470	10	5	44	1
316-178	5650E	870	30	19220	597	1	240	381	530	17	4	23	1
316-179	5700E	1050	22	26760	796	2	170	583	540	26	5	19	1
316-180	5750E	820	38	10620	169	1	290	531	1470	12	6	12	1

Renegade Minerals

ETK#		U	V	ZN	GA	SN	W	CR
316-121	L117N 5300E	1	27.6	69	2	2	1	93
316-122	5400E	1	38.9	72	4	1	1	191
316-123	5450E	1	27.4	64	2	2	1	68
316-124	5500E	2	39.1	87	3	1	2	187
316-125	5550E	2	32.3	84	3	2	2	126
316-126	5600E	2	37.2	120	3	1	3	116
316-127	5650E	1	39.9	92	3	4	1	114
316-128	5700E	1	42.5	120	2	1	2	75
316-129	5750E	2	55.7	142	2	2	5	63
316-130	5800E	1	57.5	139	3	2	2	70
316-131	5850E	1	45.9	166	2	4	1	60
316-132	5900E	1	58.0	154	4	1	1	118
316-133	5950E	1	55.2	162	3	2	4	74
316-134	6000E	2	49.9	210	2	2	3	62
316-135	6050E	1	69.1	151	3	3	1	111
316-136	6100E	1	52.0	157	3	3	4	60
316-137	6150E	1	55.7	238	2	2	1	43
316-138	6200E	1	52.6	159	2	2	4	28
316-139	6250E	1	59.4	233	3	1	2	21
316-140	L118N 5000E	1	19.9	89	2	1	1	93
316-141	5050E	1	38.3	82	4	2	2	237
316-142	5100E	1	29.0	79	2	1	3	416
316-143	5150E	1	32.4	86	3	1	2	133
316-144	5200E	1	31.0	61	2	2	4	83
316-145	5250E	1	34.6	77	4	1	3	244
316-146	5300E	1	38.5	87	3	2	3	166
316-147	5350E	1	43.3	72	3	5	4	203
316-148	5400E	1	38.4	131	2	4	4	156
316-149	5450E	1	40.0	91	2	1	1	104
316-150	5500E	2	38.3	79	2	1	1	93
316-151	5550E	1	50.8	120	3	2	2	187
316-152	5600E	1	49.4	104	3	1	2	172
316-153	5650E	1	51.9	149	4	2	1	184
316-154	5700E	1	46.5	83	3	2	4	393
316-155	5750E	1	37.6	106	2	1	3	85
316-156	5800E	1	70.7	138	4	2	2	185
316-157	5900E	1	56.1	131	3	3	2	129
316-158	5950E	1	55.5	235	2	1	1	74
316-159	6000E	1	46.9	164	2	3	5	58
316-160	6050E	1	49.7	134	2	1	7	62

Renegade Minerals

ETK#		U	V	ZN	GA	SN	W	CR
316-161	L118N 6100E	1	50.7	103	2	2	5	7
316-162	6150E	1	63.2	151	2	2	1	63
316-163	6200E	1	60.3	149	2	3	6	57
316-164	6250E	1	64.6	160	2	1	1	61
316-165	L119N 5000E	1	40.9	73	3	1	1	308
316-166	5050E	2	45.4	85	2	1	1	157
316-167	5100E	1	46.2	134	2	3	4	125
316-168	5150E	2	50.8	87	3	3	5	236
316-169	5200E	1	40.8	76	2	2	3	104
316-170	5250E	1	37.1	84	2	1	1	123
316-171	5300E	2	40.1	76	2	3	3	103
316-172	5350E	1	47.0	132	3	4	3	165
316-173	5400E	1	48.5	113	2	3	5	139
316-174	5450E	2	37.9	115	2	4	4	114
316-175	5500E	1	36.8	127	2	2	1	124
316-176	5550E	3	43.9	134	2	4	3	96
316-177	5600E	3	43.6	122	2	3	2	147
316-178	5650E	1	53.7	103	3	4	2	221
316-179	5700E	4	43.1	80	3	4	2	267
316-180	5750E	2	44.2	96	2	3	1	85

Renegade Minerals

ETK#	DESCR	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-181	L119N 5800E	.5	13250	26	36	121	2.0	2	4240	6.9	30	29	49870
316-182	5850E	.5	21830	3	64	186	1.9	2	2130	7.5	34	19	46780
316-183	5900E	.7	27140	22	19	256	1.7	7	3580	3.6	21	21	43100
316-184	5950E	.7	22990	16	22	284	1.6	6	4340	5.3	49	28	38840
316-185	6000E	.8	32020	15	18	226	1.6	6	2780	2.6	12	17	34540
316-186	6050E	.7	35990	1	22	162	1.2	8	2210	2.4	11	16	31660
316-187	6100E	.7	35610	1	20	409	1.5	6	4060	3.4	12	24	33810
316-188	6150E	1.1	41840	5	22	370	2.0	9	3990	3.3	15	35	46110
316-189	6200E	.9	40170	7	21	252	1.6	5	4250	4.0	14	29	37240
316-190	6250E	.8	35700	15	19	228	1.4	7	4430	1.8	10	31	32400
316-191	L120N 5050E	.7	30830	10	16	213	1.1	6	2000	1.6	11	13	25900
316-192	5100E	.7	32060	8	18	159	1.6	5	2480	1.9	15	18	36240
316-193	5150E	.7	35790	25	19	187	1.3	7	2170	2.0	11	18	30080
316-194	5200E	.8	29760	25	17	173	1.4	6	3410	2.4	12	17	35500
316-195	5250E		NO SAMPLE										
316-196	5300E	.8	20540	5	12	141	1.1	8	2850	1.8	10	12	31550
316-197	5350E	.8	34020	13	18	233	1.2	8	2070	1.6	11	16	27910
316-198	5400E	.7	23560	25	17	191	1.9	7	4850	3.3	21	23	53480
316-199	5450E	.8	32320	5	20	247	1.4	6	2420	2.7	13	21	32200
316-200	5500E	.5	25610	1	22	132	1.4	7	3240	3.9	20	16	35210
316-201	5550E	.7	35410	12	20	197	1.5	5	2600	3.1	18	24	35170
316-202	5600E	.7	30000	15	18	332	1.5	4	3290	3.0	19	22	35650
316-203	5650E	.6	33320	9	21	260	1.7	6	3280	3.3	22	32	42350
316-204	5700E	.8	44240	7	26	208	1.9	5	3700	4.0	21	27	43090
316-205	5750E	.8	31590	19	20	172	1.6	5	2860	3.4	17	31	40390
316-206	5800E		NO SAMPLE										
316-207	5850E	.3	27860	17	23	189	1.6	5	2930	3.9	22	20	38410
316-208	5900E		NO SAMPLE										
316-209	5950E		NO SAMPLE										
316-210	6000E		NO SAMPLE										
316-211	6050E	.5	38050	31	22	254	1.4	6	3440	3.5	15	24	36650
316-212	6100E	.6	39070	5	21	314	1.6	7	3900	3.3	13	23	38840
316-213	6150E	.8	44610	2	24	289	1.6	5	3470	3.5	13	32	36220
316-214	6200E	.7	32960	3	20	345	1.5	7	4090	3.4	20	22	36460
316-215	6250E	1.1	26390	20	14	238	1.4	9	6410	2.9	12	25	34090
316-216	L121N 5000E	1.1	33880	24	18	271	1.6	5	4120	2.5	14	34	33480
316-217	5050E	1.0	29650	18	15	165	1.5	6	3480	1.7	10	31	26080
316-218	5100E	.8	23230	27	17	200	2.0	6	6550	5.1	21	27	50380
316-219	5150E	.6	12310	13	11	108	1.4	4	4860	3.4	13	31	39480
316-220	5200E	1.0	23550	15	13	278	1.4	5	3270	1.9	13	18	39080

Renegade Minerals

ETK#	DESCR	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-221	5250E	.7	34350	14	18	216	1.3	4	2720	1.9	10	14	30630
316-222	5300E	.8	25740	12	14	187	1.3	5	3720	2.7	12	23	31550
316-223	5350E	1.0	28240	8	16	180	1.8	6	6520	2.8	13	56	37460
316-224	5400E	.8	24830	19	15	123	1.6	5	4460	3.3	15	28	41280
316-225	5450E	1.1	41900	24	22	155	1.3	4	2810	1.5	11	19	26570
316-226	5500E	1.1	37190	14	24	165	1.5	4	2120	2.4	17	18	31630
316-227	5550E	.6	22970	1	20	138	1.4	5	2820	3.1	19	17	35460
316-228	5600E	.6	28200	30	26	181	1.5	5	3570	4.9	23	19	39100
316-229	L12A1N 5650E	.7	27990	14	20	184	1.5	4	2320	3.7	21	17	37370
316-230	5700E	.6	20070	7	19	204	1.6	4	2520	4.5	23	20	46150
316-231	5750E	.6	33770	13	22	230	1.6	5	2660	2.9	20	22	33710
316-232	5800E	.7	28820	11	18	150	1.4	4	2650	2.8	17	57	32290
316-233	5850E	.6	23140	25	16	205	1.7	4	3210	3.8	32	23	48120
316-234	5900E	.5	30620	3	18	224	1.2	4	1960	2.7	17	17	32640
316-235	5950E	1.1	30950	20	18	355	1.6	5	4360	3.8	20	31	43130
316-236	6000E	.7	30560	15	19	254	1.6	6	3670	3.4	23	23	41090
316-237	6050E	.6	25190	23	18	311	1.4	5	3450	3.4	25	17	36460
316-238	6100E	.7	27790	17	18	316	1.3	3	3510	5.1	19	23	35830
316-239	6150E	.5	29230	20	18	200	1.5	2	2540	3.7	19	24	37270
316-240	6200E	1.0	39100	8	21	361	1.8	5	4380	3.7	16	33	48380
ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-181	L119N 5800E	1100	13	64940	691	3	220	836	830	27	3	16	2
316-182	5850E	760	18	50390	952	2	60	824	590	37	4	7	1
316-183	5900E	1940	23	23220	668	2	170	317	470	3	5	32	1
316-184	5950E	1370	20	28550	1545	1	240	816	700	119	2	57	1
316-185	6000E	1070	29	12100	575	1	250	161	2280	10	4	51	1
316-186	6050E	1110	32	8600	374	1	310	88	2130	12	4	35	1
316-187	6100E	1490	31	11620	553	1	270	96	2880	5	5	82	1
316-188	6150E	2370	38	18620	552	1	250	84	2570	9	5	49	1
316-189	6200E	1400	29	13050	571	1	300	145	2960	18	5	69	1
316-190	6250E	1520	26	12050	477	2	310	92	1560	15	4	60	1
316-191	L120N 5050E	730	21	7100	601	2	250	165	2320	8	3	38	1
316-192	5100E	920	23	13840	336	2	230	324	1020	10	4	24	1
316-193	5150E	660	19	10160	552	3	280	195	1090	10	5	21	1
316-194	5200E	970	21	11700	321	1	230	140	1100	5	3	40	1
316-195	5250E			NO SAMPLE									

Renegade Minerals

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-196	5300E	780	20	7440	366	1	260	108	1050	8	2	42	1
316-197	5350E	560	20	6040	757	2	320	131	1590	15	4	33	1
316-198	5400E	1090	30	27730	713	1	300	332	840	4	4	63	1
316-199	5450E	960	22	14610	826	2	360	249	1270	15	3	25	1
316-200	5500E	1010	28	24760	377	2	380	408	330	15	4	35	1
316-201	5550E	1010	30	20810	588	1	310	363	740	7	4	20	1
316-202	5600E	1180	33	19600	961	2	290	304	1930	7	4	58	1
316-203	5650E	1040	35	23390	744	3	300	437	1680	21	3	32	1
316-204	5700E	1420	65	23310	462	3	350	817	1180	13	6	35	1
316-205	5750E	960	21	16980	490	2	150	380	840	29	5	27	1
316-206	5800E			NO SAMPLE									
316-207	5850E	1040	21	21560	836	4	170	482	780	13	4	17	1
316-208	5900E			NO SAMPLE									
316-209	5950E			NO SAMPLE									
316-210	6000E			NO SAMPLE									
316-211	6050E	1420	28	13410	443	1	350	185	1280	9	3	39	1
316-212	6100E	1440	38	12870	612	2	250	131	3260	10	3	72	1
316-213	6150E	1510	34	11960	665	2	390	120	2120	15	2	45	1
316-214	6200E	1550	31	15620	997	4	330	290	1670	18	5	54	1
316-215	6250E	1800	28	14990	510	2	520	104	860	7	4	97	1
316-216	L121N 5000E	1060	21	11600	1119	1	420	342	720	19	4	71	1
316-217	5050E	730	16	9390	579	1	430	347	410	6	4	54	1
316-218	5100E	3360	19	33960	641	3	360	290	1310	23	2	75	2
316-219	5150E	1260	11	23350	488	2	260	222	1020	52	4	61	1
316-220	5200E	1010	19	12350	950	2	240	160	1950	18	3	67	1
316-221	5250E	800	23	6380	447	1	280	109	3300	9	4	66	1
316-222	5300E	1430	23	13210	321	1	350	278	600	10	4	48	1
316-223	5350E	1970	25	15510	683	2	410	244	1000	13	5	81	1
316-224	L121N 5400E	1600	26	18630	481	1	310	345	570	21	4	51	1
316-225	5450E	770	22	7390	412	2	370	128	1430	14	1	31	1
316-226	5500E	630	26	14820	423	1	280	259	1420	5	6	21	1
316-227	5550E	830	26	24280	393	3	290	405	440	16	5	22	1
316-228	5600E	990	32	30620	386	2	440	508	420	20	4	37	1
316-229	5650E	1000	27	22130	669	3	240	423	1060	9	4	19	1
316-230	5700E	1270	26	28950	660	3	230	565	490	17	4	16	1
316-231	5750E	1100	28	16570	706	1	330	382	1330	12	4	28	1
316-232	5800E	850	20	14230	422	1	350	795	660	4	4	31	1
316-233	5850E	1040	22	25170	711	1	280	681	730	13	6	31	1
316-234	5900E	1010	29	13670	386	3	220	367	1080	8	3	19	1
316-235	5950E	1520	23	18910	1774	3	210	307	810	39	6	46	1
316-236	6000E	1210	24	19860	1146	3	160	390	890	22	6	39	1
316-237	6050E	1300	24	20410	1134	3	240	473	800	29	5	53	1
316-238	6100E	1530	49	15640	1238	1	210	502	1080	26	5	69	1
316-239	6150E	1420	31	18020	580	3	140	432	1100	44	5	26	1
316-240	6200E	3120	55	22400	487	1	510	197	1330	16	5	107	1

Renegade Minerals

ETK#	DESCR	U	V	ZN	GA	SN	W	CR
316-181	L119N 5800E	1	42.6	84	1	3	2	526
316-182	5850E	2	45.8	96	3	3	4	251
316-183	5900E	2	65.8	96	3	7	3	211
316-184	5950E	3	43.4	107	5	5	1	381
316-185	6000E	4	56.9	133	3	5	2	96
316-186	6050E	1	52.3	174	2	6	3	64
316-187	6100E	1	54.6	155	3	7	1	81
316-188	6150E	1	75.1	178	3	4	6	106
316-189	6200E	3	60.4	161	3	7	5	96
316-190	6250E	2	57.7	122	2	10	1	79
316-191	L120N 5050E	2	39.3	102	2	3	2	90
316-192	5100E	1	56.9	101	3	3	1	162
316-193	5150E	2	49.1	102	2	6	1	105
316-194	5200E	3	58.9	91	2	3	1	127
316-195	5250E		NO SAMPLE					
316-196	5300E	1	53.3	108	2	1	1	123
316-197	5350E	2	42.5	143	2	2	4	93
316-198	5400E	2	77.9	96	3	1	1	339
316-199	5450E	1	45.9	115	3	2	1	198
316-200	5500E	2	53.0	73	3	3	3	260
316-201	5550E	1	48.8	110	3	2	1	256
316-202	5600E	1	49.9	145	3	2	1	231
316-203	5650E	1	66.3	179	3	1	1	245
316-204	5700E	2	61.4	120	4	2	1	192
316-205	5750E	2	64.8	109	3	1	2	153
316-206	5800E		NO SAMPLE					
316-207	5850E	1	59.4	103	3	3	1	164
316-208	5900E		NO SAMPLE					
316-209	5950E		NO SAMPLE					
316-210	6000E		NO SAMPLE					
316-211	6150E	1	62.6	164	2	2	8	125
316-212	6200E	1	60.9	218	2	1	6	99
316-213	6250E	2	62.6	181	2	2	1	85
316-214	L121N 5000E	1	57.9	155	3	1	3	179
316-215	5050E	1	69.6	146	3	1	3	103
316-216	5100E	1	54.5	102	3	1	6	85
316-217	5150E	3	40.8	90	2	1	1	59
316-218	5200E	1	80.7	100	3	2	6	270
316-219	L121N 5150E	2	58.7	87	3	1	4	249
316-220	5200E	1	61.5	109	3	1	1	164

Renegade Minerals

ETK#	DESCR	U	V	ZN	GA	SN	W	CR
316-221	5250E	1	46.2	112	2	1	2	78
316-222	5300E	1	57.2	89	2	1	1	124
316-223	5350E	1	74.2	84	3	1	2	145
316-224	5400E	1	69.7	76	3	1	2	240
316-225	5450E	1	38.6	102	2	1	4	93
316-226	5500E	2	41.4	122	3	1	1	199
316-227	5550E	1	53.2	88	3	1	3	246
316-228	5600E	1	56.1	74	3	1	2	310
316-229	5650E	2	48.3	101	3	1	2	251
316-230	5700E	1	55.1	87	3	2	3	372
316-231	5750E	1	45.4	160	3	1	1	235
316-232	5800E	1	37.9	111	3	2	1	161
316-233	5850E	1	53.7	119	3	2	3	297
316-234	5900E	1	49.5	87	3	1	2	117
316-235	5950E	1	72.8	131	3	1	3	186
316-236	6000E	1	61.9	105	3	2	3	207
316-237	6050E	1	49.7	90	4	2	2	278
316-238	6100E	1	50.6	122	4	3	2	210
316-239	6150E	1	50.9	103	3	2	4	207
316-240	6200E	2	87.2	116	3	2	1	158

Renegade Minerals

ETK#		AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-241	L121N 6250E	.5	28650	1	19	310	1.4	4	3090	2.5	13	19	31300
316-242	L122N 5000E	.7	34580	27	19	195	1.2	6	1780	2.0	12	13	28920
316-243	5050E	.9	21690	6	11	181	1.0	4	1730	1.6	8	12	23260
316-244	5100E	1.0	35320	1	19	252	1.4	5	2500	2.7	13	16	31960
316-245	5150E	.7	33590	27	18	149	1.3	5	2830	1.6	11	14	30280
316-246	5200E	.7	28540	1	15	144	1.2	4	2630	1.2	10	14	29490
316-247	5250E	.6	18830	3	13	131	1.1	4	2400	1.3	10	10	30970
316-248	5300E	.6	24140	10	13	107	.9	5	1390	.9	7	9	21010
316-249	5350E	.8	21970	1	12	171	1.5	4	4910	2.8	15	21	41620
316-250	5400E	.6	32860	2	19	196	1.3	4	1990	2.4	12	19	30130
316-251	5450E	.7	23190	2	19	125	1.3	5	2770	3.8	18	15	33010
316-252	5500E	.7	17330	6	9	131	1.0	5	2240	1.8	9	10	28370
316-253	5550E	.7	29410	19	18	244	1.5	4	3090	3.7	20	26	38740
316-254	5600E	.7	29250	17	33	227	1.5	4	2900	4.1	20	27	38260
316-255	5650E	.2	19060	11	29	130	1.7	2	3190	5.9	28	23	47410
316-256	5700E	.9	39860	4	24	298	1.5	6	3640	2.6	19	22	37000
316-257	5750E	.7	40250	12	25	181	1.6	5	3360	3.7	18	24	38980
316-258	5800E		NO SAMPLE										
316-259	5850E	.5	33580	11	19	170	1.4	2	2290	3.4	17	24	33360
316-260	5900E	.7	34980	1	19	183	1.4	5	2720	3.2	20	20	36400
316-261	5950E	.7	36910	6	21	250	1.4	4	2750	2.7	18	20	34230
316-262	6000E	.7	28210	25	18	235	1.6	4	3520	3.3	20	31	41100
316-263	6100E	.2	18750	11	24	118	1.6	3	3150	5.4	26	21	44060
316-264	6150E	.9	38220	4	21	194	1.6	7	3080	3.0	23	22	40450
316-265	6200E	.6	29300	24	19	227	1.3	5	2290	2.8	20	18	32980
316-266	6250E	.7	32130	16	22	216	1.6	4	2490	3.4	22	20	36240
316-267	L123N 5000E	.9	26630	2	14	260	1.2	5	2580	1.2	8	15	25040
316-268	5050E	.8	22710	8	12	138	1.7	4	3250	1.8	12	20	41580
316-269	5100E	.9	19930	13	10	110	1.1	6	2620	1.6	8	14	28880
316-270	5150E	.7	35750	15	19	210	1.4	5	2270	1.4	10	16	29140
316-271	5200E	.7	34230	8	21	214	1.3	6	2750	.8	9	15	27270
316-272	5250E	1.1	27140	7	16	359	1.5	5	5150	2.8	13	19	37380
316-273	5300E	.7	25620	2	14	180	1.2	5	2500	1.4	11	14	29650
316-274	5350E	.7	17850	4	13	134	1.7	4	5670	3.0	13	22	39780
316-275	5400E	.8	44150	22	22	258	1.7	5	3130	2.1	12	19	34490
316-276	5450E	.7	21530	12	12	136	1.1	4	3420	2.5	12	12	29910
316-277	5500E	.5	30210	12	19	180	1.5	5	2880	3.4	15	22	37660
316-278	5550E	.9	44030	11	26	210	2.0	5	2600	3.3	19	25	44840
316-279	5600E	.6	38470	6	22	192	1.4	6	2160	2.8	15	18	34110
316-280	5650E	.5	24220	18	15	201	1.4	4	2730	3.4	16	14	40210
316-281	5700E	.6	26940	12	16	231	1.3	5	2640	2.6	14	13	35190
316-282	5750E	.8	35420	1	20	188	1.8	4	2470	3.4	16	23	41890
316-283	5800E	1.1	35790	4	19	554	1.8	8	3980	3.1	11	28	36380
316-284	5850E	.9	38730	14	24	239	1.7	6	3810	4.8	16	48	38180
316-285	5900E	.5	26790	9	15	171	1.2	5	1730	2.2	17	13	28580

Renegade Minerals

ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	EE
316-286	L123N 5950E	.9	31890	8	19	248	1.5	7	3840	3.2	15	19	48610
316-287	6000E	.6	22770	15	13	226	1.1	6	1750	2.0	15	17	28090
316-288	6050E	.8	30540	21	20	214	1.8	7	3600	3.8	24	26	43990
316-289	6100E	.7	29710	11	18	257	1.3	5	2630	2.7	19	17	33740
316-290	6150E	.8	26320	9	15	154	1.3	6	3030	2.8	15	16	33700
316-291	6200E	.7	34180	10	20	217	1.6	4	3030	2.8	21	24	38990
316-292	6250E	.5	29190	2	16	198	1.3	5	2010	1.8	11	16	28590
316-293	L124N 5000E	.9	26020	20	14	341	1.2	6	3570	1.9	11	16	32320
316-294	5050E	.7	26010	6	14	219	1.2	6	3550	1.6	12	15	30420
316-295	5100E	.7	27490	21	15	157	1.1	6	2280	1.1	9	14	28210
316-296	5150E	.7	28180	4	15	177	1.4	7	2920	1.9	11	19	33910
316-297	5200E (1.4)		59710	36	32	320	3.2	7	5770	3.8	16	185	49400
316-298	5250E	.9	38300	12	20	300	1.7	8	3020	2.0	11	20	37730
316-299	5300E	.7	28040	1	15	176	1.8	5	4100	2.1	10	24	31510
316-300	5350E	.7	28440	2	17	175	1.1	6	2840	1.8	11	15	26970

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-241	L121N 6250E	1170	33	10400	739	1	250	170	2720	4	2	64	1
316-242	L122N 5000E	710	23	8300	460	2	220	210	2260	7	5	29	1
316-243	5050E	510	12	4370	1567	1	240	80	1390	21	1	27	1
316-244	5100E	670	25	10540	897	3	220	192	2830	7	5	40	1
316-245	5150E	760	21	7960	310	2	210	123	1590	4	3	38	1
316-246	5200E	790	20	8330	305	1	190	105	1250	14	4	32	1
316-247	5250E	640	18	6840	343	2	190	97	1070	14	2	34	1
316-248	5300E	440	16	2130	308	1	200	27	1420	4	3	22	1
316-249	5350E	1610	20	19340	415	3	250	153	1420	16	4	83	1
316-250	5400E	820	21	12840	500	2	280	221	1490	15	4	22	1
316-251	5450E	910	25	21820	351	2	300	342	320	8	1	28	1
316-252	5500E	640	16	6300	331	1	190	91	850	14	2	30	1
316-253	5500E 5600E	870	32	19800	847	1	250	339	1610	28	1	35	1
316-254	5600E 5650E	860	33	19370	754	2	270	348	1650	24	5	29	1
316-255	5600E 5700E	1060	17	49670	560	1	310	812	640	5	4	14	1
316-256	5700E 5750E	1370	34	17790	406	1	380	461	2470	17	6	48	1
316-257	5800E 5800E	1280	61	19590	433	3	310	666	1100	6	6	30	1
316-258	5900E			NO SAMPLE									
316-259	5850E	920	29	18580	553	2	260	313	710	12	3	14	1
316-260	5900E	1270	39	18710	349	1	260	450	1240	15	4	27	1

Renegade Minerals

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-261	5950E 1200		33	17150	350	1	340	448	2310	7	4	36	1
316-262	6000E 1130		30	23980	532	2	280	401	1070	21	4	31	1
316-263	6100E 1030		17	44370	518	1	290	807	690	18	5	18	1
316-264	6150E 1400		42	20310	392	2	290	479	1430	11	5	33	1
316-265	6200E 1290		30	17450	365	2	280	451	1480	11	4	23	1
316-266	6250E 1260		30	18990	401	3	320	446	1360	7	5	29	1
316-267	L123N 5000E 960		15	4880	998	2	210	97	2470	12	3	55	1
316-268	5050E 1100		20	11390	345	1	160	140	1180	11	4	43	1
316-269	5100E 900		20	9860	309	2	200	186	430	17	1	30	1
316-270	5150E 940		25	8770	386	1	220	165	1900	12	4	32	1
316-271	5200E 880		22	5670	479	2	300	82	2760	13	3	46	1
316-272	5250E 1300		27	13410	1424	2	210	175	1310	25	3	71	1
316-273	5300E 860		23	8450	682	1	230	133	1820	14	3	41	1
316-274	5400E 1490		16	18700	506	3	270	220	1130	9	4	100	1
316-275	5450E 1150		25	9020	510	2	300	115	5470	5	4	92	1
316-276	5500E 810		35	11150	319	2	280	232	510	21	4	44	1
316-277	5550E 890		29	18580	473	1	270	314	1690	8	4	37	1
316-278	5600E 960		50	18390	326	2	290	456	740	17	6	16	1
316-279	5650E 680		40	14630	552	2	340	397	930	10	5	21	1
316-280	5700E 880		32	19050	572	2	220	329	560	13	3	22	1
316-281	L123N 5700E 940		27	17070	633	1	200	263	810	11	3	24	1
316-282	5750E 840		25	18590	1068	2	160	277	1280	8	5	12	1
316-283	5800E 1700		28	13740	2130	3	300	92	3420	22	3	86	1
316-284	5850E 1330		47	17740	792	3	440	832	610	16	6	44	1
316-285	5900E 640		31	12020	286	1	250	403	640	14	4	17	1
316-286	5950E 1130		33	17950	603	2	220	231	590	13	5	27	1
316-287	6000E 670		19	9810	799	3	220	238	1050	33	4	20	1
316-288	6050E 1130		28	22860	1049	2	190	486	980	39	6	32	1
316-289	6100E 1090		37	17890	536	2	290	415	1910	12	5	51	1
316-290	6150E 1150		61	17150	678	3	310	235	430	26	4	31	1
316-291	6200E 1380		28	18790	492	2	250	380	1350	15	5	33	1
316-292	6250E 1020		32	9870	509	1	180	222	2040	8	4	51	1
316-293	L124N 5000E 1270		23	7640	878	1	210	100	2940	13	4	90	1
316-294	5050E 1040		23	10260	413	3	240	134	1790	13	4	69	1
316-295	5100E 830		22	6260	469	3	240	96	1780	6	4	36	1
316-296	5150E 940		21	10620	345	1	210	187	1540	9	5	39	1
316-297	5200E 1800		34	19180	1175	3	290	943	670	36	9	100	1
316-298	5250E 1460		30	9470	584	2	180	166	2070	13	4	46	1
316-299	5300E 1130		28	11620	417	1	280	163	620	4	3	71	1
316-300	5350E 820		33	9720	418	2	320	516	460	7	1	31	1

Renegade Minerals

EIK#		U	V	ZN	GA	SN	W	CR
316-241	L121N 6250E	2	47.0	163	2	2	5	101
316-242	L122N 5000E	2	42.4	110	2	3	1	99
316-243	5050E	1	38.2	146	2	1	1	78
316-244	5100E	2	45.6	146	3	2	4	124
316-245	5150E	1	49.5	80	2	4	1	89
316-246	5200E	2	48.1	82	2	2	2	94
316-247	5250E	2	50.5	92	2	3	2	119
316-248	5300E	1	33.2	90	1	4	1	37
316-249	5350E	2	63.9	63	3	2	1	251
316-250	5400E	1	41.4	93	2	3	1	189
316-251	5450E	2	48.9	68	3	4	3	240
316-252	5500E	1	46.9	88	2	1	1	111
316-253	5550E	2	59.7	179	3	1	2	217
316-254	5600E	2	58.6	174	3	2	2	215
316-255	5650E	2	46.7	68	2	3	2	353
316-256	5700E	2	53.4	96	3	4	1	125
316-257	5750E	2	54.8	120	3	1	2	168
316-258	5800E			NO SAMPLE				
316-259	5850E	2	45.9	103	3	2	2	231
316-260	5900E	2	57.7	97	3	4	5	124
316-261	5950E	3	49.4	85	3	3	5	110
316-262	6000E	3	67.7	130	3	3	2	243
316-263	6100E	1	46.1	63	2	1	4	288
316-264	6150E	3	64.2	102	3	4	6	141
316-265	6200E	2	45.7	94	3	3	2	248
316-266	6250E	2	52.1	98	3	3	4	263
316-267	L123N 5000E	4	36.9	119	2	4	5	66
316-268	5050E	2	69.4	86	2	4	3	138
316-269	5100E	2	52.8	91	2	3	2	95
316-270	5150E	5	44.1	112	2	3	6	74
316-271	5200E	1	42.0	137	2	3	3	56
316-272	5250E	2	60.1	163	3	4	2	150
316-273	5300E	2	44.6	92	2	2	1	116
316-274	5350E	2	61.4	102	3	4	6	222
316-275	5400E	2	47.4	133	2	3	1	117
316-276	5450E	2	48.9	73	3	3	5	227
316-277	5500E	3	52.4	88	3	3	2	213
316-278	5550E	2	63.9	94	3	2	1	280
316-279	5600E	1	50.2	86	2	2	2	161
316-280	5650E	3	56.6	92	3	4	5	217

Renegade Minerals

ETK#		U	V	ZN	GA	SN	W	CR
316-281	5700E	3	49.6	108	3	5	2	180
316-282	5750E	3	60.5	119	3	4	2	190
316-283	5800E	4	58.3	190	3	4	6	88
316-284	5850E	2	57.9	643	4	3	6	265
316-285	5900E	1	39.0	79	3	3	2	143
316-286	5950E	4	74.1	97	3	5	2	136
316-287	6000E	3	45.4	93	2	4	3	99
316-288	6050E	3	67.1	122	3	4	3	223
316-289	6100E	2	49.5	84	3	2	2	176
316-290	6150E	4	62.4	112	3	6	2	131
316-291	6200E	3	62.0	97	3	3	2	211
316-292	6250E	2	43.6	100	2	2	1	108
316-293	L124N 5000E	3	49.7	128	2	2	1	84
316-294	5050E	2	52.7	76	2	3	1	103
316-295	5100E	2	44.1	96	2	3	3	70
316-296	5150E	2	51.4	81	2	2	1	121
316-297	5200E	2	62.0	149	4	1	8	213
316-298	5250E	1	55.1	153	2	2	1	107
316-299	5300E	2	51.3	81	2	1	3	126
316-300	5350E	2	41.2	61	3	1	2	100

Renegade Minerals

EIK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-301	L124N 5400E	.8	28610	25	21	399	1.3	5	3180	2.8	13	11	34120
316-302	5450E	.7	33500	8	23	208	1.4	5	2740	2.6	13	12	31160
316-303	5500E	1.1	36300	17	23	213	1.4	5	2480	1.6	12	12	33760
316-304	5550E	.7	33780	4	23	225	1.6	5	2560	3.0	16	13	40110
316-305	5600E	.8	32370	2	23	226	1.5	6	2660	2.8	16	13	37540
316-306	5650E	.7	25840	19	20	171	1.4	4	3740	3.2	16	12	33530
316-307	5700E	.7	30030	4	22	270	1.5	4	3390	3.4	18	14	40120
316-308	5750E	.7	35170	33	25	234	1.6	5	2870	3.0	19	18	36870
316-309	5800E	.9	35410	3	24	213	1.6	5	2570	3.4	18	14	36180
316-310	5850E	.7	23840	12	21	267	1.4	6	2800	4.0	22	10	32690
316-311	5900E	1.0	34420	12	23	303	1.8	7	3400	3.5	21	17	42800
316-312	5950E	.1	16340	16	24	118	1.8	1	2510	7.1	55	15	52030
316-313	6000E	.5	26140	6	17	270	1.2	5	2330	2.4	17	10	27850
316-314	6050E	1.0	26200	7	18	286	1.5	5	3870	3.0	24	13	39480
316-315	6100E	.7	17260	18	18	297	1.7	4	3600	5.0	43	12	47610
316-316	6150E	.7	41620	1	28	282	2.0	5	3390	4.0	24	25	45790
316-317	6200E	.6	26540	21	22	274	1.8	4	3270	3.9	38	12	45590
316-318	L125N 5000E	1.1	29100	17	17	274	1.5	5	3540	2.0	10	28	33400
316-319	5050E	1.1	25040	16	14	242	1.3	6	2930	2.1	10	13	30020
316-320	5100E	.8	26780	9	15	182	1.2	5	2860	1.3	8	13	25780
316-321	5150E	.9	28150	17	15	140	.9	6	2280	1.4	8	8	22030
316-322	5200E	1.0	16370	1	10	117	1.1	7	3320	1.2	8	6	27280
316-323	5250E	.8	16810	15	10	168	1.2	5	2820	.8	8	5	27560
316-324	5300E	.9	31760	28	18	156	1.6	6	3920	2.4	13	17	34820
316-325	5350E	.9	25820	3	15	157	1.3	6	2740	1.8	12	11	30430
316-326	5400E	.7	29330	9	19	288	1.6	4	3590	2.8	17	18	39770
316-327	5450E	.7	30570	2	20	179	1.6	4	2540	2.9	16	14	39940
316-328	5500E	.7	27610	9	19	285	1.6	3	3030	2.8	17	13	42730
316-329	5550E	.7	28180	9	19	178	1.6	3	3390	2.6	18	14	41430
316-330	5600E	.6	26790	2	16	150	1.2	5	1600	1.6	10	9	30040
316-331	5650E	.7	35500	7	23	193	1.5	6	2220	2.2	16	12	30640
316-332	5700E	.5	34190	10	25	283	1.6	6	2750	4.0	22	15	36790
316-333	5750E	.7	29400	12	22	261	1.6	5	2980	3.6	21	13	38370
316-334	5800E	.5	18120	24	16	174	1.5	5	3230	3.4	19	9	43270
316-335	5850E	.8	21290	8	17	220	1.9	3	3000	2.8	30	15	54630
316-336	5900E	.7	29930	7	22	273	1.7	4	3250	3.0	19	15	41960
316-337	5950E	.7	28640	23	18	292	1.2	6	2320	2.0	16	13	31350
316-338	6000E	.8	37230	13	21	310	1.4	5	2340	1.5	11	12	26220
316-339	6050E	1.1	33020	20	18	243	1.5	6	2800	2.7	14	17	30710
316-340	6100E	1.1	35500	18	19	154	1.8	8	4090	2.9	14	32	39080

Renegade Minerals

ETK#	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-341	L125N 6150E	.7	24380	5	16	219	1.3	6	4230	3.3	16	19	30360
316-342	6200E	.7	32650	11	21	183	1.7	5	3830	3.3	18	22	37190
316-343	L126+50N5100E	.7	31650	23	17	315	1.6	4	2820	2.3	12	15	33630
316-344	5400E	.7	32230	5	17	250	1.2	5	2140	1.3	8	10	27210
316-345	5450E	1.4	25370	4	15	420	1.4	6	3270	2.5	11	13	35630
316-346	5500E	.8	38370	21	24	263	1.6	6	2500	2.1	11	18	35850
316-347	5550E	.8	29120	17	19	262	1.5	4	3430	2.5	12	19	35000
316-348	5650E	.9	37530	20	24	378	1.5	3	4180	3.0	12	18	34570
316-349	L126+50N5700E	1.1	34780	29	22	283	1.5	5	3540	2.9	14	20	35000
316-350	5750E	1.0	32110	1	21	437	1.6	4	3420	3.3	15	19	36690
316-351	5800E	.9	33860	2	22	196	1.6	5	1740	2.8	14	16	36240
316-352	5850E	1.0	33370	30	22	267	1.8	5	2790	2.8	18	22	41140
316-353	5900E	.6	25720	14	18	281	1.7	4	3020	4.2	15	22	45030
316-354	L127+50N5400E	1.3	35600	33	19	265	1.9	7	8670	3.3	16	43	42580
316-355	5450E	1.0	22560	16	12	410	1.2	5	5130	1.8	10	22	29790
316-356	5500E	1.2	29740	22	17	322	1.6	5	4850	2.7	12	23	36870
316-357	5550E	.9	28760	9	16	241	1.5	4	2850	2.7	14	16	39500
316-358	5600E	.9	53220	12	29	178	2.0	5	4040	3.1	12	30	38590
316-359	5650E	.7	35650	1	19	368	1.1	5	2990	1.8	6	12	23480
316-360	5700E	.8	28080	19	19	431	1.1	6	5300	3.0	9	20	27700

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-301	L124N 5400E	1120	29	12010	1444	1	200	183	1450	5	3	33	1
316-302	5450E	1060	30	11480	516	1	280	295	1520	8	4	33	1
316-303	5500E	1130	30	8460	806	1	330	116	3220	14	4	52	1
316-304	5550E	760	29	15270	658	3	280	238	2480	4	3	44	1
316-305	5600E	840	30	14450	776	3	260	275	1960	21	3	33	1
316-306	5650E	820	32	18250	638	1	340	353	450	14	4	42	1
316-307	5700E	1080	29	19910	810	1	250	358	1390	10	4	40	1
316-308	5750E	1000	35	20010	599	4	260	396	1790	16	4	29	1
316-309	5800E	1040	29	18560	537	3	340	331	1210	16	5	24	1
316-310	5850E	870	32	19900	471	2	360	398	950	16	3	29	1
316-311	5900E	1230	31	23210	757	4	250	429	1690	3	6	41	1
316-312	5950E	480	12	69770	1069	4	80	1316	470	17	5	1	1
316-313	6000E	770	24	12880	418	1	300	407	1190	5	4	37	1
316-314	6050E	1070	27	16000	1990	3	220	353	1400	17	5	55	1
316-315	6100E	850	22	30480	1763	2	200	653	730	66	1	51	1

Renegade Minerals

EIK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-316	L124N 6150E 1510	38	28130	580	2	338	453	1210	17	(4)	31	1	
316-317	6280E 920	36	26910	858	2	240	881	1180	6	1	46	1	
316-318	L125N 5000E 1250	21	8410	832	1	210	115	2000	4	(4)	72	1	
316-319	5050E 1020	23	7420	789	1	250	110	1890	13	3	60	1	
316-320	5100E 850	16	6050	420	1	250	97	1600	12	(4)	62	1	
316-321	5150E 720	17	3690	352	2	290	89	1220	11	(4)	45	1	
316-322	5200E 750	15	6740	431	1	250	59	540	10	3	63	1	
316-323	5250E 850	15	4860	422	1	190	60	1270	3	3	73	1	
316-324	5300E 850	28	12910	271	1	290	310	540	7	3	78	1	
316-325	5350E 970	23	9670	521	1	280	167	1610	10	3	47	1	
316-326	5400E 1010	30	16850	762	2	220	324	1380	10	(4)	44	1	
316-327	5450E 1100	28	16580	552	2	190	314	1280	16	(4)	22	1	
316-328	5500E 1240	30	18600	810	1	220	338	1100	11	(5)	39	1	
316-329	5550E 1060	28	17280	487	1	230	278	1500	8	2	45	1	
316-330	5600E 680	25	8910	366	3	230	88	1890	12	2	25	1	
316-331	5650E 680	30	13310	538	1	370	348	1370	16	(4)	23	1	
316-332	5700E 790	34	21580	524	1	350	428	640	6	3	22	1	
316-333	5750E 920	31	22040	815	1	290	414	1070	15	(5)	33	1	
316-334	5800E 800	27	24570	580	2	240	388	370	17	(4)	36	1	
316-335	5850E 730	26	20620	1135	4	210	405	730	(22)	(5)	31	1	
316-336	5900E 1130	33	22450	419	2	270	401	710	13	(4)	25	1	
316-337	5950E 900	29	12090	539	3	360	283	1390	10	3	32	1	
316-338	6000E 900	28	8580	768	2	370	109	3550	4	3	55	1	
316-339	6050E 1040	27	12310	683	1	310	148	1910	5	(4)	46	1	
316-340	6100E 1450	43	15660	455	1	490	352	640	14	3	74	1	
316-341	6150E 1150	34	16460	926	2	370	497	740	(24)	(5)	65	1	
316-342	6200E 1350	50	20980	486	1	330	518	940	20	(4)	45	1	
316-343	L126+50N5100E 880	23	10860	874	2	280	116	3430	3	2	64	1	
316-344	L126+50N5400E 790	21	4970	637	3	270	49	3630	4	3	59	1	
316-345	5450E 1320	29	11830	2548	2	240	103	1180	19	1	47	1	
316-346	5500E 1110	26	12870	1340	3	270	118	2340	7	3	32	1	
316-347	5550E 1350	27	11390	1466	1	300	131	2550	(25)	(4)	69	1	
316-348	5650E 1150	26	14420	1269	1	370	164	3020	5	1	62	1	
316-349	5700E 1230	28	14260	1090	1	270	219	780	13	(5)	22	1	
316-350	5750E 1440	29	17100	1942	1	230	232	1120	(25)	3	19	1	
316-351	5800E 1060	26	15230	1022	1	190	213	900	11	2	18	1	
316-352	5850E 1090	27	20890	1176	3	190	321	820	15	(4)	10	1	
316-353	5900E 1720	26	25340	405	2	200	276	590	14	3	15	1	
316-354	L127+50N5400E5010	22	24030	543	1	460	85	1360	5	1	163	1	
316-355	5450E 1360	18	7930	1068	1	330	64	2090	(39)	3	140	1	
316-356	5500E 1460	31	12970	1332	1	450	112	900	16	2	101	1	
316-357	5550E 1170	28	15340	627	2	330	163	830	11	3	51	1	
316-358	5600E 1360	39	13550	755	1	440	220	880	17	3	40	1	
316-359	5650E 930	20	5180	1242	2	380	18	4770	4	1	109	1	
316-360	5700E 1540	21	9930	1896	1	440	36	2470	(48)	2	135	1	

Renegade Minerals

ETK#	DESCR.	U	V	ZN	GA	SN	W	CR
316-301	L124N 5400E	1	49.9	135	4	1	5	134
316-302	5450E	1	42.3	84	3	2	6	149
316-303	5500E	2	49.2	109	3	2	4	106
316-304	5550E	1	51.9	96	4	2	6	229
316-305	5600E	1	48.7	96	3	1	7	230
316-306	5650E	2	47.6	103	4	2	5	232
316-307	5700E	1	54.3	110	3	1	5	250
316-308	5750E	2	48.8	125	3	1	4	258
316-309	5800E	1	48.9	113	4	1	6	233
316-310	5850E	1	42.8	81	4	3	2	246
316-311	5900E	2	62.0	148	4	2	8	232
316-312	5950E	1	30.2	60	1	3	6	570
316-313	6000E	2	37.9	79	3	1	6	154
316-314	6050E	1	54.1	151	4	2	6	175
316-315	6100E	1	42.7	106	4	6	5	447
316-316	6150E	1	71.8	98	3	1	5	324
316-317	6200E	2	46.6	124	4	5	6	440
316-318	L125N 5000E	1	53.6	107	3	5	3	96
316-319	5050E	2	47.7	113	2	2	6	79
316-320	5100E	1	41.0	100	2	1	3	67
316-321	5150E	1	35.5	101	2	2	4	40
316-322	5200E	2	48.8	86	2	2	2	94
316-323	5250E	1	43.5	112	2	2	1	92
316-324	5300E	1	56.1	74	3	1	4	145
316-325	5350E	1	45.9	70	3	3	3	121
316-326	5400E	1	53.0	96	3	3	8	213
316-327	5450E	1	56.0	94	3	1	4	215
316-328	5500E	1	56.0	99	3	1	1	262
316-329	5550E	1	58.0	82	3	1	1	232
316-330	5600E	1	44.9	81	2	1	5	97
316-331	5650E	1	41.0	76	3	7	8	251
316-332	5700E	1	45.1	75	4	1	9	283
316-333	5750E	2	46.7	87	4	3	7	284
316-334	5800E	2	51.2	75	4	6	1	335
316-335	5850E	3	54.5	110	4	2	3	489
316-336	5900E	3	57.6	84	3	2	1	285
316-337	6000E	3	40.2	80	3	3	4	196
316-338	6050E	2	39.7	100	2	2	3	84
316-339	L125N 6050E	2	50.1	202	3	3	8	109
316-340	6100E	1	76.8	82	3	5	2	99

Renegade Minerals

<u>ETK#</u>	<u>DESCR.</u>	<u>U</u>	<u>V</u>	<u>ZN</u>	<u>GA</u>	<u>SN</u>	<u>W</u>	<u>CR</u>
316-341	L125N 6150E	2	47.8	101	3	2	4	190
316-342	6200E	4	57.8	109	3	4	8	225
316-343	L126+50N5100E	2	48.8	109	2	8	2	116
316-344	5400E	4	38.0	102	2	3	4	53
316-345	5450E	5	53.3	182	4	2	3	122
316-346	5500E	3	52.5	99	3	2	4	122
316-347	5550E	3	50.7	146	3	3	4	126
316-348	5650E	4	49.5	119	2	4	7	122
316-349	5700E	4	51.8	96	3	1	4	165
316-350	5750E	4	52.2	159	3	1	4	171
316-351	5800E	2	54.6	115	3	1	3	161
316-352	5850E	3	57.9	107	3	5	5	245
316-353	5900E	3	65.4	67	3	5	1	287
316-354	L127+50N5400E	2	70.4	78	2	3	6	142
316-355	5450E	2	44.0	160	2	2	1	79
316-356	5500E	2	60.0	120	3	4	3	119
316-357	5550E	3	57.5	102	3	1	2	180
316-358	5600E	3	62.9	88	2	4	5	194
316-359	5650E	2	34.1	134	2	1	2	24
316-360	5700E	2	46.2	175	3	2	2	45

Renegade Minerals

ETK#	DESCR	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-361	L127+50N 5750E	.9	34950	1	23	307	2.0	6	4640	3.3	17	27	46110
316-362	5800E	1.1	23240	11	15	679	1.3	5	4680	2.8	12	22	37210
316-363	5850E	1.1	48340	17	26	223	1.8	5	4060	2.2	12	33	32030
316-364	5900E	.7	26400	21	17	216	1.5	4	2750	2.9	18	13	36550
316-365	L133+50N 4150E	1.0	29400	19	15	139	1.5	6	2570	1.4	6	15	26900
316-366	4200E	1.2	26250	4	14	159	2.1	8	3530	1.8	6	11	25230
316-367	4250E	1.2	26830	6	13	254	2.3	8	3400	1.0	8	13	25010
316-368	4300E	1.9	33460	14	16	123	1.8	7	1900	1.2	6	21	29330
316-369	4350E	1.1	36060	1	18	91	1.6	8	2010	.6	6	22	30720
316-370	4400E	1.2	22750	14	11	91	1.8	6	2700	1.0	5	52	29990
316-371	4450E	1.2	26170	4	13	89	1.4	6	2630	1.0	5	23	30320
316-372	4500E	.7	20710	8	11	106	1.6	3	2740	1.2	5	15	26220
316-373	4550E	.9	24640	11	13	126	1.9	2	2910	1.0	5	17	30330
316-374	4600E	1.1	24620	6	13	154	1.7	5	6000	2.0	6	19	27130
316-375	L134N 4150E	1.1	25590	5	14	161	1.4	7	2400	.8	6	12	23830
316-376	4200E	1.6	26740	9	15	167	1.4	6	2840	1.2	6	11	27420
316-377	L134+50N 4150E	1.1	44940	16	23	150	1.8	5	2030	.6	6	15	26250
316-378	4200E	2.6	33360	4	18	197	2.9	7	6290	2.9	7	52	34200
316-379	4250E	1.3	25850	18	15	171	1.7	6	3710	2.5	7	20	26450
316-380	4300E	.9	22740	1	14	126	1.5	6	2580	.6	5	13	26110
316-381	4350E	1.6	26450	4	14	129	1.9	8	3160	1.0	7	14	29930
316-382	4400E	1.3	28890	13	15	109	1.2	5	2140	.6	5	12	22300
316-383	4450E	1.0	25020	4	12	61	1.5	7	2550	.8	5	14	29150
316-384	4500E	1.6	32570	2	17	73	1.6	6	2170	.7	5	35	31070
316-385	4550E		NO SAMPLE										
316-386	4600E	.7	24590	16	13	163	1.5	4	3080	1.5	6	19	28870
316-387	L135N 4150E	1.3	35510	21	17	207	2.0	6	2360	.8	7	16	25120
316-388	L135+50N 4150E	1.2	26260	1	14	323	1.9	6	4670	1.7	7	15	25720
316-389	4250E	.9	22960	2	11	169	1.3	6	3560	1.9	6	13	24600
316-390	4300E	1.5	25870	3	14	172	1.9	9	3300	1.8	7	14	25340
316-391	4350E	1.6	31720	24	16	145	2.3	8	2930	2.0	8	29	32490
316-392	4400E	2.0	39640	32	20	144	3.1	8	3190	1.8	8	27	35140
316-393	4450E	1.9	29110	1	15	160	2.2	7	2750	1.2	6	14	25770
316-394	4500E	1.1	33990	26	19	146	1.6	7	2140	1.2	6	12	30640
316-395	4550E	1.1	29300	7	15	123	1.4	7	2360	1.2	5	11	25830
316-396	4600E	.9	23750	20	13	129	1.6	5	3960	1.3	5	11	29140
316-397	L136N 4150E	1.4	22810	12	13	195	1.6	8	4070	2.0	7	12	27720
316-398	L136 4200E	1.4	31700	1	17	142	1.8	8	3510	1.4	6	17	30620
316-399	L136+50N 4150E	1.6	23920	9	12	202	2.1	7	4140	.8	7	18	25730
316-400	4200E	1.1	30020	23	17	108	2.1	7	3930	1.8	7	18	31990

Renegade Minerals

ETK#	DESCR	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
316-401	4250E	1.3	24210	20	13	172	1.5	4	3360	.7	6	9	25000
316-402	4300E	1.4	21760	10	12	150	1.3	7	3560	1.8	6	9	26170
316-403	4350E	2.1	25040	22	13	102	2.0	8	3700	1.8	7	27	29130
316-404	4400E	1.4	27330	21	14	193	1.7	4	3760	1.6	6	18	29940
316-405	4450E	1.2	24490	2	13	151	1.5	6	2430	1.6	6	10	25600
316-406	4500E	1.5	26930	1	15	134	1.6	6	3160	1.6	7	14	30330
316-407	4550E	1.5	30220	3	16	185	1.9	7	5240	2.1	9	14	27400
316-408	4600E	1.3	28040	6	17	147	1.9	7	3650	1.0	7	13	27870
316-409	4650E	1.1	22360	15	20	125	1.6	6	3060	1.2	5	11	32680
316-410	4700E	.7	25370	7	13	97	1.6	4	2280	.9	5	13	28420
316-411	4750E	.5	22210	10	11	79	1.2	5	2280	1.0	5	14	27360
316-412	4800E	.7	23640	18	12	89	1.4	5	2960	1.0	6	10	27460
316-413	4850E	.8	27870	6	14	128	1.5	5	2450	1.2	6	14	28540
316-414	4900E	.6	21390	4	11	133	1.5	4	3650	1.0	5	12	29330
316-415	4950E	.7	21540	12	12	183	1.4	5	5320	1.0	5	15	29290
316-416	5000E	.7	19350	4	11	150	1.6	4	3980	1.2	5	11	30140
316-417 L137N	4150E	1.2	35230	21	17	153	3.1	6	4660	1.4	7	20	24040
316-418	4200E	1.4	37500	23	20	186	3.5	6	5500	1.2	8	24	27040
316-419	4250E		NO SAMPLE										
316-420 L137N	4300E	.9	28790	9	13	134	2.7	4	4010	1.1	6	17	21190

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-361 L127+50N	5750E	1670	27	22660	1111	4	230	269	1770	8	4	48	1
316-362	5800E	1010	20	13980	3189	1	160	167	860	24	3	42	1
316-363	5850E	990	36	11900	538	4	480	320	1670	8	4	31	1
316-364	5900E	760	28	20080	735	1	240	271	1240	11	3	32	1
316-365 L133+50N	4150E	950	19	4880	1424	2	240	6	700	36	1	77	1
316-366	4200E	710	21	3970	1501	2	310	5	560	30	2	62	1
316-367	4250E	790	38	4410	1099	2	270	5	580	48	2	104	1
316-368	4300E	770	14	4420	399	1	380	3	900	16	2	50	1
316-369	4350E	880	16	5140	541	1	170	3	1340	25	3	66	1
316-370	4400E	720	12	4120	942	1	140	3	1220	151	4	63	1
316-371	4450E	710	12	3870	520	1	180	3	1110	117	3	101	1
316-372	4500E	830	11	3920	1212	1	110	5	1120	97	2	122	1
316-373	4550E	970	13	4590	1622	1	130	6	1350	143	3	106	1
316-374	4600E	1220	14	5590	2711	2	130	6	1410	164	2	247	1
316-375 L134N	4150E	960	18	3400	2462	1	250	5	1120	26	2	45	1
316-376 L134N	4200E	950	17	3790	1676	3	240	4	1190	24	3	62	1
316-377 L134+50N	4150E	830	20	2990	474	3	350	1	1340	13	4	67	1
316-378	4200E	980	42	7050	1016	1	280	5	1080	98	2	132	1
316-379	4250E	1100	19	5280	1217	3	240	6	800	116	3	111	1
316-380	4300E	950	16	4370	730	1	170	2	690	24	2	80	1

Renegade Minerals

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-381	4350E	790	20	4450	643	2	250	3	630	33	2	78	1
316-382	4400E	640	15	2590	1175	2	290	2	1420	25	1	33	1
316-383	4450E	730	13	4390	359	1	140	4	1170	37	2	44	1
316-384	4500E	790	17	4140	486	1	160	4	1310	224	2	35	1
316-385	4550E	NO SAMPLE											
316-386	4600E	1280	16	7510	1380	1	140	17	1220	59	2	155	1
316-387	L135N 4150E	1060	18	3770	1757	2	320	3	1180	27	3	49	1
316-388	L135+50N 4150E	1240	21	4760	1224	1	210	6	1380	52	1	216	1
316-389	4250E	830	16	4050	677	1	200	7	1270	71	1	65	1
316-390	4300E	840	19	3970	2011	1	230	3	1020	114	2	71	1
316-391	4350E	990	21	5410	1212	1	200	4	900	109	1	49	1
316-392	4400E	1300	26	6570	449	2	150	9	850	109	1	71	1
316-393	4450E	780	19	4460	1058	2	220	4	860	203	4	82	1
316-394	4500E	1060	21	3710	1050	2	210	2	1760	24	1	50	1
316-395	4550E	840	16	3250	1655	2	280	3	1090	33	2	40	1
316-396	4600E	910	12	4360	1545	2	230	5	1230	47	1	84	1
316-397	L136N 4150E	940	18	4910	1960	2	290	7	760	41	3	158	1
316-398	L136 4200E	1110	23	5260	1212	1	230	6	1270	142	2	113	1
316-399	L136+50N 4150E	970	10	4690	1066	3	430	5	1190	89	2	131	1
316-400	4200E	1080	25	5830	610	2	190	7	1070	135	1	112	1
316-401	4250E	890	14	3820	931	1	260	6	1110	25	2	71	1
316-402	4300E	1070	17	3710	1461	1	250	5	1510	64	3	106	1
316-403	4350E	690	23	4590	602	1	200	6	430	188	3	98	1
316-404	4400E	1130	20	5960	1451	1	170	8	1610	98	2	123	1
316-405	4450E	930	18	3740	952	3	240	5	870	48	1	93	1
316-406	4500E	1000	17	4600	1053	1	230	6	1580	43	3	54	1
316-407	4550E	1570	30	9380	1208	1	260	44	980	81	3	90	1
316-408	4600E	1000	17	4630	1512	1	250	6	1160	30	2	78	1
316-409	4650E	890	13	3720	738	1	220	2	1590	48	3	69	1
316-410	4700E	900	11	4610	519	1	220	8	1130	19	3	66	1
316-411	4750E	1060	12	5480	412	1	200	8	1910	23	1	63	1
316-412	4800E	830	14	5360	652	2	170	7	1310	23	3	56	1
316-413	4850E	900	9	4850	805	1	270	9	1750	14	3	91	1
316-414	4900E	930	15	5510	700	2	130	8	1340	40	1	189	1
316-415	4950E	1090	13	4980	941	1	150	8	1490	44	2	159	1
316-416	5000E	920	11	4230	863	2	140	6	1110	23	1	112	1
316-417	L137N 4150E	800	18	4610	797	3	390	8	1540	5	1	132	1
316-418	4200E	880	20	5260	977	3	390	10	1590	15	1	155	1
316-419	4250E	NO SAMPLE											
316-420	4300E	650	15	4060	766	1	270	8	1230	10	1	107	1

Renegade Minerals

ETK#	DESCR.	U	V	ZN	GA	SN	W	CR
316-361	L127+50N 5750E	2	64.9	121	3	1	9	259
316-362	5800E	2	54.6	99	5	1	6	153
316-363	5850E	2	57.4	70	3	1	2	201
316-364	5900E	1	48.0	95	4	1	5	266
316-365	L133+50N 4150E	1	46.0	164	2	1	4	18
316-366	4200E	1	42.6	144	3	2	4	17
316-367	4250E	2	50.3	130	3	1	1	24
316-368	4300E	1	46.6	452	2	2	2	20
316-369	4350E	2	53.0	158	2	1	3	22
316-370	4400E	1	54.4	250	2	1	3	30
316-371	4450E	2	53.3	176	2	1	5	25
316-372	4500E	1	45.5	170	2	1	2	29
316-373	4550E	1	51.1	225	3	2	4	32
316-374	4600E	1	45.8	230	4	1	4	26
316-375	L134N 4150E	1	39.3	179	3	1	4	16
316-376	4200E	1	46.0	167	3	1	2	22
316-377	L134+50N 4150E	1	42.1	122	1	1	5	10
316-378	4200E	2	58.2	765	3	1	2	37
316-379	4250E	1	43.2	399	3	1	2	24
316-380	4300E	2	45.4	134	2	1	3	21
316-381	4350E	1	51.2	300	2	2	3	26
316-382	4400E	1	37.2	154	2	1	4	12
316-383	4450E	1	54.1	112	2	1	1	28
316-384	4500E	1	51.9	384	2	1	1	24
316-385	4550E		NO SAMPLE					
316-386	4600E	2	49.7	143	2	1	2	35
316-387	L135N 4150E	2	41.3	162	2	1	3	16
316-388	L135+50N 4150E	2	43.0	294	3	1	2	22
316-389	4250E	2	41.8	279	2	1	1	28
316-390	4300E	1	42.1	292	3	1	3	21
316-391	4350E	3	55.3	389	2	1	7	29
316-392	4400E	2	58.9	502	2	1	3	30
316-393	4450E	2	47.3	402	3	1	4	26
316-394	4500E	2	51.1	188	2	1	5	19
316-395	4550E	2	42.5	180	3	1	5	17
316-396	4600E	1	50.3	160	2	2	4	33
316-397	L136N 4150E	3	49.4	208	3	2	3	28
316-398	L136 4200E	2	53.7	320	3	1	4	26
316-399	L136+50N 4150E	1	43.5	268	3	1	3	22
316-400	4200E	1	51.7	293	2	1	1	29

Renegade Minerals

ETK#	DESCR.	U	V	ZN	GA	SN	W	CR
316-401	L136+50N 4250E	1	41.8	242	2	1	1	25
316-402	4300E	2	44.9	403	3	3	5	28
316-403	4350E	3	62.5	339	2	2	1	30
316-404	4400E	2	49.4	455	3	1	1	30
316-405	4450E	2	43.7	237	2	3	3	21
316-406	4500E	1	50.3	275	2	3	1	33
316-407	4550E	1	47.9	412	3	2	2	45
316-408	4600E	3	48.7	161	2	1	2	32
316-409	4650E	1	56.4	116	2	2	3	35
316-410	4700E	3	50.0	97	2	2	2	27
316-411	4750E	1	46.0	100	1	1	1	28
316-412	4800E	2	49.7	103	2	2	3	32
316-413	4850E	1	47.3	107	2	2	2	28
316-414	4900E	1	50.1	93	2	4	2	38
316-415	4950E	3	49.5	107	2	1	2	36
316-416	5000E	1	52.1	89	2	2	2	39
316-417	L137N 4150E	2	39.7	73	2	2	4	26
316-418	4200E	2	43.9	82	2	1	4	32
316-419	4250E			NO SAMPLE				
316-420	4300E	1	34.8	65	1	1	2	24

Renegade Minerals

ETK #	DESCR.	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	EE
316-421	L137N 4350E	1.3	34230	19	17	153	3.0	4	5180	.9	7	18	24230
316-422	4400E	.6	37990	21	19	212	3.4	3	6090	2.8	13	21	64830
316-423	4450E	.5	37850	30	19	210	3.1	3	6360	3.1	13	22	61460
316-424	4500E	.9	31110	19	15	169	1.7	9	6790	3.2	11	9	35300
316-425	4550E	.7	31960	22	15	174	1.7	7	6820	2.8	11	9	35750
316-426	4650E		NO SAMPLE										
316-427	4700E	1.0	32830	1	15	137	1.9	6	3050	1.1	8	17	27090
316-428	4750E	1.1	36820	4	17	155	2.1	7	3350	1.8	8	20	31370
316-429	4800E	.9	23760	22	12	151	1.8	7	4670	1.7	9	13	39670
316-430	4850E	.9	24600	16	12	151	1.8	7	4810	1.5	10	14	41100
316-431	4900E	1.0	35520	28	16	250	2.2	6	5360	1.6	10	11	37740
316-432	4950E	1.0	38290	15	18	280	2.4	7	5750	2.1	10	13	41130
316-433	5000E	1.0	37030	31	17	275	2.5	7	5090	1.8	10	13	39300
316-434	L137+50N4150E	1.0	26700	2	12	126	1.4	5	2630	.8	5	7	26160
316-435	4200E	1.1	26740	17	12	132	1.4	6	2820	.6	5	7	25330
316-436	4250E	.5	17920	7	8	105	1.1	4	2270	.8	4	7	23580
316-437	4300E	.6	18790	7	9	94	1.2	5	2300	.7	4	6	24630
316-438	4350E	1.1	23910	19	11	117	1.9	6	3440	1.1	7	13	26670
316-439	4400E	1.1	24750	11	13	154	1.8	7	3280	1.0	7	12	32960
316-440	4450E	.9	28380	3	15	143	1.7	6	2600	1.4	6	9	27880
316-441	4500E	.9	26600	1	13	108	1.5	6	2380	1.0	6	10	27960
316-442	4550E	.8	27720	3	14	107	1.5	5	2590	.9	6	10	28940
316-443	4600E	.9	27070	16	13	88	1.7	6	3010	.9	6	10	32230
316-444	4650E	.7	26590	3	13	85	1.6	5	2780	1.0	6	9	30280
316-445	4700E	.7	24930	10	12	126	1.5	5	3180	1.3	6	22	29320
316-446	4750E		NO SAMPLE										
316-447	4800E		NO SAMPLE										
316-448	4850E	.4	19640	5	9	121	1.4	1	2950	1.0	4	11	27360
316-449	4950E	.5	20420	16	9	86	1.4	4	2490	.6	5	9	26500
316-450	5000E	.7	22780	7	11	95	1.6	6	2660	.8	6	10	30790
316-451	L126+50N5400E	.6	25050	11	13	195	1.4	5	3280	1.6	9	13	30190

Renegade Minerals

ETK#	DESCR.	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
316-421	L137N 4350E 670		17	4100	842	2	250	7	1640	10	1	169	1
316-422	4400E 2020		25	20210	586	4	150	81	740	58	7	154	1
316-423	4450E 2180		26	20700	505	5	110	93	710	54	7	152	1
316-424	4500E 1950		22	17800	250	4	140	73	600	21	1	149	1
316-425	4550E 1960		23	18510	253	1	150	70	600	15	1	145	1
316-426	4650E		NO SAMPLE										
316-427	4700E 1000		17	6360	429	1	200	17	1230	6	1	60	1
316-428	4750E 1170		19	7730	460	2	220	26	1430	14	2	66	1
316-429	4800E 1420		15	9810	324	2	130	53	1430	12	2	99	1
316-430	4850E 1470		16	10200	317	1	150	59	1500	14	1	92	1
316-431	4900E 1840		35	12500	316	1	150	23	1030	12	4	103	1
316-432	4950E 1960		38	13610	346	1	160	26	1100	9	1	109	1
316-433	5000E 1830		38	13570	343	4	160	24	1050	14	3	109	1
316-434	L137N+50N4150E600		16	3600	512	1	130	5	1520	21	2	51	1
316-435	4200E 590		15	3480	523	2	140	5	1550	13	2	55	1
316-436	4250E 650		14	3390	621	1	110	3	2030	22	1	55	1
316-437	4300E 620		15	3010	358	1	130	3	1240	34	3	45	1
316-438	4350E 870		18	4400	760	1	200	5	890	91	2	86	1
316-439	4400E 980		19	4690	1413	2	160	7	1390	75	2	72	1
316-440	4450E 880		19	4250	1513	3	200	4	1350	65	2	59	1
316-441	4500E 770		16	4810	913	3	120	9	1250	25	3	62	1
316-442	4550E 780		15	5200	793	1	120	7	1240	30	2	72	1
316-443	4600E 750		13	5770	472	2	110	9	1340	33	4	63	1
316-444	4650E 740		13	5530	495	1	90	5	1410	26	2	59	1
316-445	4700E 1030		13	5660	841	2	110	6	1680	35	1	132	1
316-446	4750E		NO SAMPLE										
316-447	4800E		NO SAMPLE										
316-448	4850E 910		10	4750	640	2	70	7	1480	5	1	120	1
316-449	4950E 730		13	4980	486	2	100	7	920	7	3	76	1
316-450	5000E 770		14	5460	512	2	130	7	980	14	1	79	1
316-451	L126+50N5400E1070		19	8510	615	2	220	115	1540	6	1	82	1

Renegade Minerals

EIK#	DESCR.	U	V	ZN	GA	SN	W	CR
316-421	L137N 4350E	3	38.4	80	2	1	5	26
316-422	4400E	4	142.6	138	3	2	6	147
316-423	4450E	3	135.4	142	4	2	8	154
316-424	4500E	1	78.1	119	4	2	3	113
316-425	4550E	2	78.0	124	3	2	6	113
316-426	4650E		NO SAMPLE					
316-427	4700E	3	47.7	83	2	1	3	47
316-428	4750E	1	54.4	94	2	2	5	56
316-429	4800E	1	68.6	70	2	1	4	110
316-430	4850E	1	72.5	69	2	1	4	115
316-431	4900E	2	67.8	77	2	1	3	88
316-432	4950E	3	73.2	81	2	1	4	95
316-433	5000E	1	68.7	86	2	1	5	92
316-434	L137+50N4150E	1	40.8	178	1	1	2	28
316-435	4200E	1	39.2	175	1	1	3	25
316-436	4250E	1	36.1	143	1	1	1	26
316-437	4300E	1	40.7	194	1	1	3	27
316-438	4350E	1	47.1	259	2	2	1	27
316-439	4400E	2	57.3	249	2	2	5	38
316-440	4450E	2	45.8	269	2	2	1	25
316-441	4500E	2	46.4	116	2	3	5	29
316-442	4550E	1	49.6	108	2	2	2	32
316-443	4600E	1	57.2	99	2	5	6	46
316-444	4650E	1	52.5	102	2	1	3	39
316-445	4700E	1	49.6	96	2	1	6	37
316-446	4750E		NO SAMPLE					
316-447	4800E		NO SAMPLE					
316-448	4850E	1	44.5	75	2	5	4	34
316-449	4950E	1	44.1	73	1	1	3	32
316-450	5000E	2	51.2	83	2	1	2	39
316-451	L126+50N5400E	1	47.6	93	2	1	4	105

SPB/jk

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S. Benischek
 ECO-TECH LABORATORIES LTD.
 Sonja P. Benischek
 B.C. Certified Assayer



10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 2J3 Phone (604) 573-5700
Telex: 048-8393

ENVIRONMENTAL TESTING
GEOCHEMISTRY
ANALYTICAL CHEMISTRY
ASSAYING

Au Assays

July 24, 1987

ADDENDUM TO
CERTIFICATE OF ANALYSIS ETK 87-133

CLIENT: Renegade Minerals
300, 800 West Fender Street
VANCOUVER, B.C.
V6M 1R9

ATTENTION: Brent Jardine

SAMPLE IDENTIFICATION: 1353 soil samples received June 11, 1987
PROJECT: ROSS GROUP

<u>ETK#</u>	<u>Description</u>	<u>Au(ppb)</u>
133 - 3	L131N 51+00E	10
133 - 5	L131N 52+00E	<5
133 - 6	L131N 52+50E	<5
133 - 40	LB9N 49+50E	5
133 - 72	L110N 50+00E	10
133 - 93	L110N 61+00E	10
133 - 94	L110N 61+50E	(20)
133 - 95	L108N 42+50E	<5
133 - 96	L108N 43+00E	10
133 - 111	L108N 50+50E	(20)
133 - 134	L108N 62+00E	(15)
133 - 135	L108N 62+50E	5
133 - 157	L104N 52+50E	5
133 - 158	L104N 53+00E	<5
133 - 159	L104N 53+50E	(45)
133 - 160	L104N 54+50E	(15)
133 - 161	L104N 55+00E	10
133 - 162	L104N 55+50E	(15)
133 - 163	L104N 56+00E	10
133 - 164	L104N 56+50E	(15)

Page 1 of 6

(225) Samples TOTAL

35
35
26
35

July 24, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au(ppb)</u>
133 - 165	L104N 57+00E	10 ✓
133 - 174	L104N 61+50E	5
133 - 198	L103N 53+00E	15
133 - 199	L103N 53+50E	10 ✓
133 - 200	L103N 54+00E	5
133 - 201	L103N 54+50E	5
133 - 202	L103N 55+00E	10 ✓
133 - 203	L103N 55+50E	10 ✓
133 - 214	L103N 61+00E	5
133 - 215	L103N 61+50E	10 ✓
133 - 234	L106N 51+00E	15
133 - 235	L106N 51+50E	15
133 - 236	L106N 52+00E	10 ✓
133 - 238	L106N 53+00E	15
133 - 271	L107N 50+00E	15
133 - 273	L107N 51+00E	10 ✓
133 - 274	L107N 51+50E	10 ✓
133 - 296	L107N 62+50E	15
133 - 309	L128N 56+00E	10 ✓
133 - 310	L128N 56+50E	10 ✓
133 - 344	L111N 53+00E	20
133 - 345	L111N 53+50E	5
133 - 346	L111N 54+00E	10 ✓
133 - 347	L111N 54+50E	<5
133 - 348	L111N 55+00E	<5
133 - 349	L111N 55+50E	<5
133 - 350	L111N 56+00E	<5
133 - 351	L111N 56+50E	<5
133 - 352	L111N 57+50E	<5
133 - 357	L111N 60+00E	10 ✓
133 - 358	L111N 60+50E	<5
133 - 359	L111N 61+00E	15
133 - 360	L111N 61+50E	5
133 - 361	L111N 62+00E	25
133 - 381	L105N 51+50E	10 ✓

<u>ETK#</u>	<u>Description</u>	<u>Au(ppb)</u>
133 - 382	L105N 52+00E	<5
133 - 383	L105N 52+50E	10 ✓
133 - 384	L105N 53+00E	5
133 - 385	L105N 54+00E	10 ✓
133 - 386	L105N 54+50E	<5
133 - 387	L105N 55+00E	10 ✓
133 - 388	L105N 55+50E	5
133 - 389	L105N 56+00E	<5
133 - 390	L105N 56+50E	5
133 - 391	L105N 57+00E	<5
133 - 392	L105N 57+50E	<5
133 - 419	L101N 51+50E	<5
133 - 420	L101N 52+00E	<5
133 - 421	L101N 52+50E	10 ✓
133 - 422	L101N 53+00E	10 ✓
133 - 423	L101N 53+50E	5
133 - 424	L101N 54+00E	5
133 - 425	L101N 54+50E	25
133 - 426	L101N 55+00E	20
133 - 436	L101N 60+00E	10 ✓
133 - 437	L101N 60+50E	25
133 - 438	L101N 61+00E	30
133 - 439	L101N 61+50E	20
133 - 458	L100N 50+50E	5
133 - 468	L100N 55+50E	15
133 - 499	L114N 52+50E	20
133 - 500	L114N 53+00E	50
133 - 501	L114N 53+50E	15
133 - 502	L114N 54+00E	<5
133 - 503	L114N 54+50E	10 ✓
133 - 504	L114N 55+00E	<5
133 - 505	L114N 55+50E	15
133 - 506	L114N 56+00E	<5
133 - 507	L114N 56+50E	15
133 - 508	L114N 57+00E	15

Renegade Minerals

July 24, 1987

<u>ETK#</u>	<u>Description</u>	<u>Au(ppb)</u>
133 - 517	L114N 61+50E	15
133 - 518	L114N 62+00E	10
133 - 519	L114N 62+50E	<5
133 - 533	L112N 48+50E	10
133 - 534	L112N 49+00E	20
133 - 535	L112N 49+50E	15
133 - 536	L112N 50+00E	40
133 - 540	L112N 52+00E	30
133 - 541	L112N 52+50E	25
133 - 542	L112N 53+00E	25
133 - 543	L112N 53+50E	15
133 - 544	L112N 54+00E	15
133 - 545	L112N 54+50E	30
133 - 546	L112N 55+00E	15
133 - 547	L112N 55+50E	10
133 - 548	L112N 56+00E	20
133 - 549	L112N 56+50E	15
133 - 550	L112N 57+00E	10
133 - 551	L112N 57+50E	5
133 - 552	L112N 58+00E	10
133 - 555	L112N 59+50E	5
133 - 573	L87N 48+00E	5
133 - 577	L87N 50+00E	<5
133 - 578	L87N 50+50E	<5
133 - 606	L130N 51+50E	<5
133 - 607	L130N 52+00E	<5
133 - 608	L130N 52+50E	<5
133 - 640	L126N 55+50E	<5
133 - 641	L126N 56+00E	<5
133 - 642	L126N 56+50E	5
133 - 643	L126N 57+00E	10
133 - 644	L126N 57+50E	<5
133 - 645	L126N 58+00E	25
133 - 646	L126N 58+50E	5
133 - 647	L126N 59+00E	15

ETK#	Description	Au(ppb)
133 - 675	L102N 52+50E	10✓
133 - 676	L102N 53+00E	5
133 - 677	L102N 53+50E	20
133 - 678	L102N 54+00E	10✓
133 - 679	L102N 54+50E	10✓
133 - 680	L102N 55+00E	<5
133 - 693	L102N 61+50E	<5
133 - 694	L102N 62+00E	5
133 - 695	L102N 62+50E	<5
133 - 700	L92N 43+50E	<5
133 - 736	L92N 62+00E	<5
133 - 754	L93N 50+50E	<5
133 - 795	L94N 50+50E	15
133 - 829	L136N 42+50E	<5
133 - 830	L136N 43+00E	<5
133 - 831	L136N 43+50E	<5
133 - 833	L136N 44+50E	<5
133 - 834	L136N 45+00E	<5
133 - 835	L136N 45+50E	<5
133 - 859	L129N 57+00E	<5
133 - 871	N135N 42+50E	<5
133 - 872	N135N 43+00E	15
133 - 873	N135N 43+50E	<5
133 - 874	N135N 44+00E	10✓
133 - 875	N135N 44+50E	<5
133 - 876	N135N 45+00E	15
133 - 877	N135N 45+50E	10✓
133 - 928	L88N 43+00E	25
133 - 953	L88N 55+50E	35
133 - 959	L88N 58+50E	30
133 - 1008	L90N 62+50E	20
133 - 1010	L134N 43+50E	15
133 - 1011	L134N 44+00E	30
133 - 1012	L134N 44+50E	25
133 - 1013	L134N 45+00E	20

July 24, 1987

ETK#	Description	Au(ppb)
133 - 1014	L134N 45+50E	30
133 - 1031	L133N 46+00E	10
133 - 1055	L97N 50+00E	20
133 - 1160	L109N 62+00E	<5
133 - 1161	L109N 62+50E	10
133 - 1181	L113N 52+00E	5
133 - 1182	L113N 52+50E	<5
133 - 1183	L113N 53+00E	<5
133 - 1184	L113N 53+50E	20
133 - 1185	L113N 54+00E	10
133 - 1186	L113N 54+50E	<5
133 - 1187	L113N 55+00E	<5
133 - 1188	L113N 55+50E	<5
133 - 1189	L113N 56+00E	<5
133 - 1190	L113N 56+50E	<5
133 - 1191	L113N 57+00E	<5
133 - 1192	L113N 57+50E	<5
133 - 1193	L113N 58+00E	10
133 - 1218	L98N 50+00E	5
133 - 1244	L127N 50+00E	10
133 - 1253	L127N 54+50E	10
133 - 1254	L127N 55+00E	5
133 - 1255	L127N 55+50E	15
133 - 1257	L127N 56+50E	5
133 - 1258	L127N 57+00E	<5
133 - 1259	L127N 57+50E	5
133 - 1260	L127N 58+00E	<5
133 - 1261	L127N 58+50E	5
133 - 1262	L127N 59+00E	<5
133 - 1316	L91N 43+00E	10
133 - 1334	L91N 52+50E	<5

NOTE: < = less than

S. Benischek
 ECO-TECH LABORATORIES LTD.
 Sonja Benischek
 B.C. Certified Assayer

SB/JK/jmb

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Sample

ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEPTEMBER 4 1987
DATE REPORTS MAILED *Sept 11/87*

GEOCHEMICAL ASSAY CERTIFICATE

SAMPLE TYPE : PULP Pt** & Pd** By FA-MS

ASSAYER *D. Toye* DEAN TOYE , CERTIFIED B.C. ASSAYER

RENEGADE MINERAL PROJECT ROSS FILE# 87-3380 R PAGE# 1

SAMPLE	Pt** ppb	Pd** ppb	Ni ppm
01021	2	2	2200
01026	5	4	1810

Ross Group

ASSAY CERTIFICATE

- SAMPLE TYPE: ROCK

DATE RECEIVED: AUG 17 1987

DATE REPORT MAILED: *Aug 26/87*

ASSAYER: *D. Lynn*...DEAN TOYE, CERTIFIED B.C. ASSAYER

RENEGADE MINERAL PROJECT-ROSS File # 87-3380

SAMPLE#	MO %	CU %	PB %	ZN %	AG OZ/T	NI %	CO %	MN %	FE %	AS %	U %	TH %	CD %	SB %	BI %	AU OZ/T
01021	.001	.02	.16	.03	.15	.23	.01	.06	4.86	.01	.002	.01	.01	.01	.01	.002
01022	.003	.01	.02	.01	.21	.01	.01	.09	2.51	.08	.002	.01	.01	.01	.01	.006
01023	.001	.01	.01	.01	.28	.01	.01	.01	4.40	.25	.002	.01	.01	.01	.01	.019
01024	.001	.01	.04	.01	.02	.01	.01	.13	4.53	.01	.002	.01	.01	.01	.01	.001
01025	.001	.30	.10	.20	.27	.01	.01	.54	7.37	.01	.002	.01	.01	.01	.01	.001
01026	.001	.01	.01	.01	.01	.18	.01	.07	6.28	.01	.002	.01	.01	.01	.01	.001
01027	.001	.01	.01	.01	.01	.19	.01	.05	5.43	.01	.002	.01	.01	.01	.01	.001
STD R-1	.091	.89	1.42	2.44	3.11	.03	.02	.08	7.15	.98	.006	.01	.04	.15	.03	-

*Good sample 10/11
01022 2/10/86 2/10/86
01023 2/10/86 2/10/86
01024 2/10/86 2/10/86
01025 2/10/86 2/10/86
01026 2/10/86 2/10/86
01027 2/10/86 2/10/86*

GEOCHEMICAL ICP ANALYSIS

.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 CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: SOILS -80 MESH

ASSAYER: *D. Jeyar* DEAN TOYE, CERTIFIED B.C. ASSAYER

RENEGADE MINERAL PROJECT-ROSSLAND File # 87-3526 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
	412	20.94	193	1.37	49.1
L40+50S 135+00W	22	85	145	.4	5
L40+50S 134+75W	26	100	138	.4	6
L40+50S 134+50W	23	112	172	.3	9
L40+50S 134+25W	28	180	301	.4	9
L40+50S 134+00W	28	126	184	.2	9
L40+50S 133+75W	28	201	434	.6	6
L40+50S 133+50W	28	288	366	.3	10
L40+50S 133+25W	27	135	182	.6	7
L40+50S 133+00W	27	100	139	.2	8
L40+50S 132+75W	29	47	112	.1	7
L40+50S 132+50W	39	118	218	1.2	6
L40+50S 132+25W	27	82	185	.6	10
L40+50S 132+00W	75	415	498	1.1	8
L40+50S 131+75W	108	340	467	.8	14
L40+50S 131+50W	45	218	234	1.0	11
L40+50S 131+25W	26	91	137	.3	13
L40+50S 131+00W	26	174	176	.1	16
L41+50S 135+00W	19	58	93	.1	6
L41+50S 134+75W	33	119	229	.4	9
L41+50S 134+50W	17	75	173	.1	9
L41+50S 134+25W	20	110	166	.3	9
L41+50S 134+00W	22	124	180	.1	9
L41+50S 133+75W	28	154	327	.4	11
L41+50S 133+50W	32	201	732	.6	9
L41+50S 133+25W	25	148	319	.6	10
L41+50S 133+00W	28	89	170	.3	13
L41+50S 132+75W	31	124	241	.4	9
L41+50S 132+50W	48	122	209	.5	9
L41+50S 132+25W	118	290	600	2.7	5
L41+50S 132+00W	166	251	387	1.0	8
L41+50S 131+75W	50	148	256	.7	6
L41+50S 131+50W	25	219	197	.6	7
L41+50S 131+25W	31	230	244	.5	12
L41+50S 131+00W	21	68	122	.3	4
L42+50S 135+00W	26	105	168	.5	5
L42+50S 134+75W	24	92	136	.3	13
STD C	60	40	128	7.0	41

L# 10+50

L# 39+50

SAMPLE#		CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM
L42+50S	134+50W	28	67	129	.2	9
L42+50S	134+25W	24	90	193	.3	10
L42+50S	134+00W	23	108	170	.4	7
L42+50S	133+75W	29	104	217	.2	9
L42+50S	133+50W	35	111	230	.7	9
L42+50S	133+25W	37	158	264	.4	15
L42+50S	133+00W	36	162	161	.3	15
L42+50S	132+75W	70	336	587	.4	10
L42+50S	132+50W	112	386	682	.7	9
L42+50S	132+25W	116	432	603	.8	7
L42+50S	132+00W	177	602	750	1.2	8
L42+50S	131+75W	34	351	451	.8	8
L42+50S	131+50W	22	102	181	.3	8
L42+50S	131+25W	29	165	321	.4	8
L42+50S	131+00W	52	295	353	.8	6
L43+50S	135+00W	23	89	123	.6	11
L43+50S	134+75W	22	55	133	.2	7
L43+50S	134+50W	25	84	154	.2	9
L43+50S	134+25W	27	86	147	.2	7
L43+50S	134+00W	27	97	155	.1	12
L43+50S	133+75W	31	77	120	.2	9
L43+50S	133+50W	33	120	160	.2	13
L43+50S	133+25W	50	239	378	.6	13
L43+50S	133+00W	51	272	298	.5	9
L43+50S	132+75W	79	384	811	1.5	10
L43+50S	132+50W	59	450	599	.5	9
L43+50S	132+25W	61	373	640	.5	11
L43+50S	132+00W	52	320	447	.6	13
L43+50S	131+75W	33	130	418	.3	9
L43+50S	131+50W	25	118	208	.1	9
L43+50S	131+25W	31	195	268	.4	13
L43+50S	131+00W	35	154	280	.3	4
L111N	6200	58	36	408	.4	13
L110N	6350	50	29	112	.4	13
STD C		60	37	127	7.2	41

L 26150

L 37150

150

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7K 1T2

PHONE: (604) 980-5914 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: ECO TEC LABORATORIES
Project: RENEGADE
Attention: B. JARDINE

Renegade

File: 7-1074/P1
Date: AUGUST 22/87
Type: PULP GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number AU-WET PPB

316-11 110+50N 6250E 5
316-16 111+50N 5400E 5
316-18 L 111+50N 55100E 10
316-22 111+50N 5650E 5
316-38 113+50N 5400E 5

64 (no. 10)

316-39 113+50N 5450E 5
316-55 115+50N 5500E 5
316-56 5650E 5
316-57 5
316-58 5650E 5

New N

316-59 115+50N 5700E 5
316-184 117N 59450E 10
316-284 125N 59450E 10
316-297 121N 59400E 10
316-345 126+50N 5450E 5

316-368 133+50N 4300E 5
316-376 134 4700E 5
316-378 134+50N 4200E 5
316-379 4250E 5
316-381 4350E 5

316-384 4500E 5
316-390 135+50N 4300E 5
316-391 4350E 5
316-392 4400E 5
316-393 4450E 5

316-397 136N 4150E 5
316-398 4200E 5
316-399 136+50N 4150E 5
316-400 4200E 5
316-402 4300E 5

Certified by 

MIN-EN LABORATORIES LTD.

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PHONE: (604) 980-5614 DR (604) 988-4524

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Certificate of GEOCHEM

Company: ECO TEC LABORATORIES
Project: RENEGRAD
Attention: B. JARDINE

File: 7-1074/P2
Date: AUGUST 22/87
Type: PULP GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number		AU-WET PPB
------------------	--	---------------

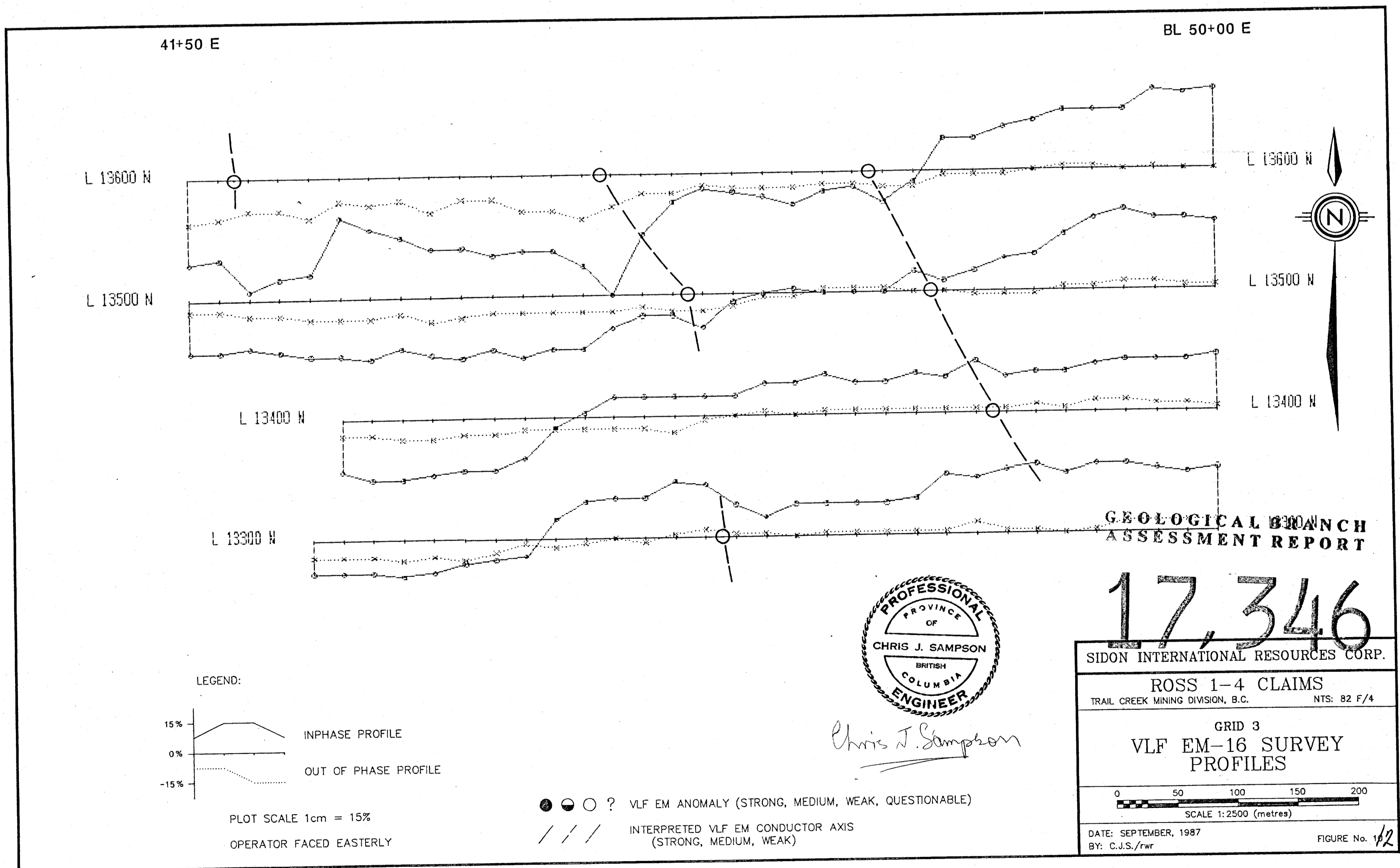
316-403	136+50N 4350E	5
316-404	136+50N 44400E	10
316-405	4450E	5
316-406	4500E	5
316-407	4550E	5

316-408	4600E	5
316-418	137N 4200E	10

Certified by



MIN-EN LABORATORIES LTD.



BL 50+00 E

57+00 E

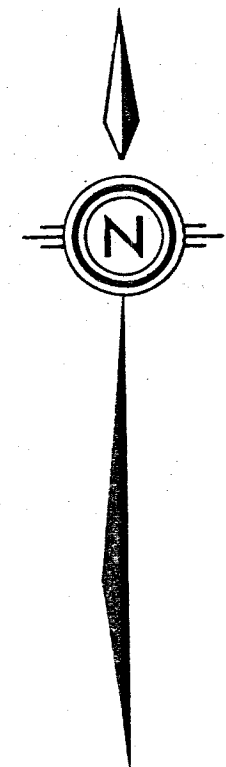
L 13100 N

L 13100 N

L 13000 N

L 13000 N

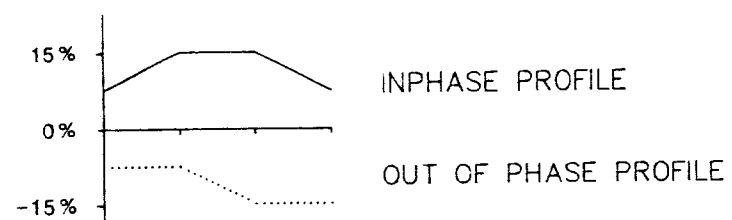
L 12900 N



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,346

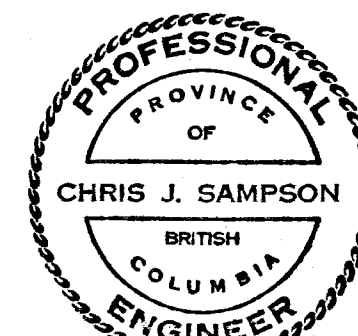
LEGEND:



PLOT SCALE 1cm = 15%
OPERATOR FACED EASTERLY

● ○ ? VLF EM ANOMALY (STRONG, MEDIUM, WEAK, QUESTIONABLE)

/// INTERPRETED VLF EM CONDUCTOR AXIS (STRONG, MEDIUM, WEAK)

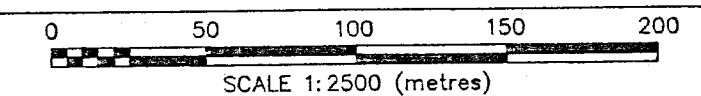


Chris J. Sampson

SIDON INTERNATIONAL RESOURCES CORP.

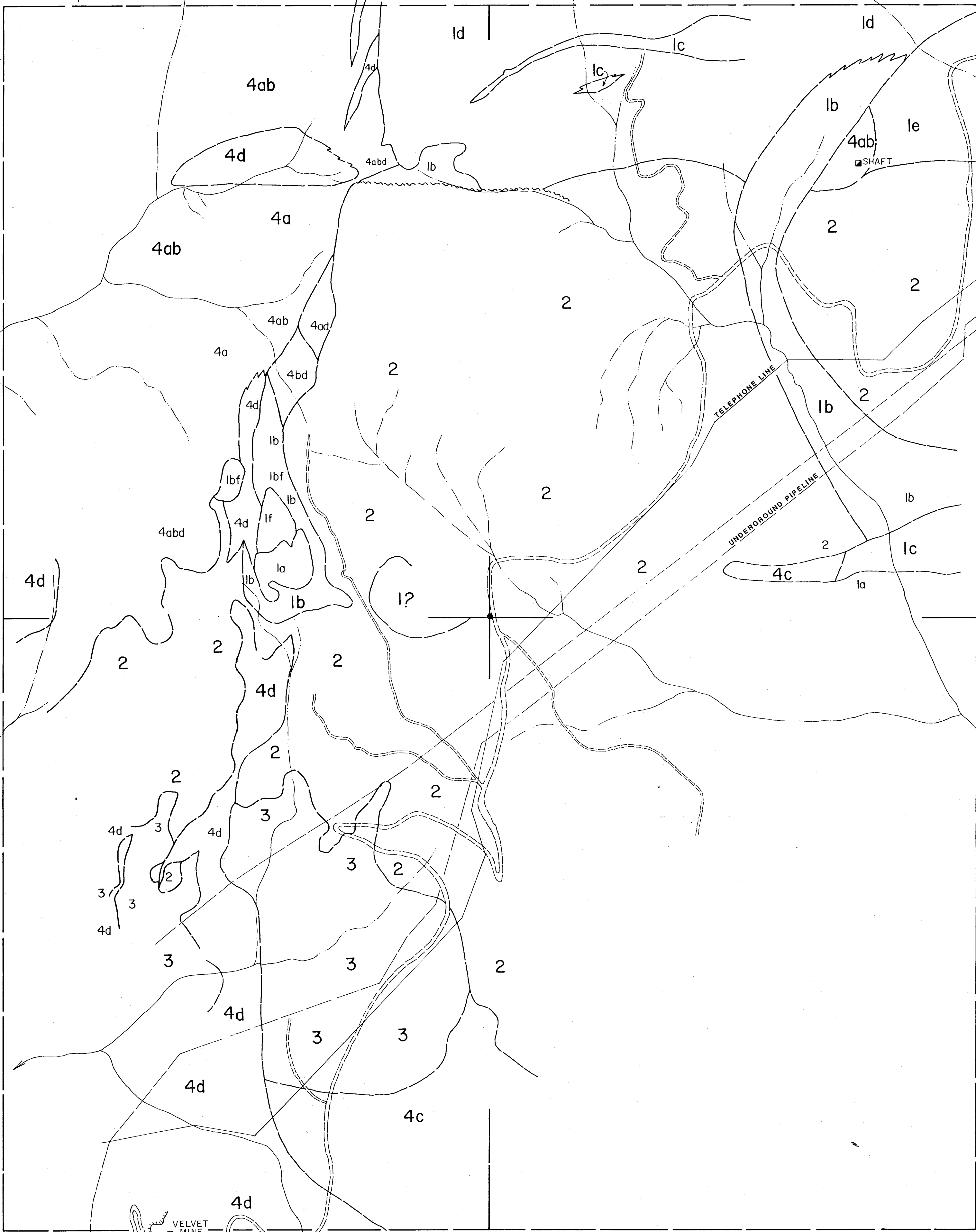
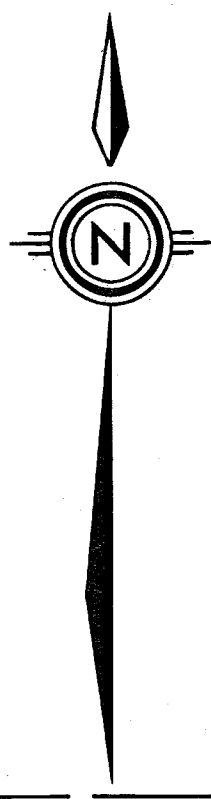
ROSS 1-4 CLAIMS
TRAIL CREEK MINING DIVISION, B.C. NTS: 82 F/4

GRID 2
VLF EM-16 SURVEY
PROFILES



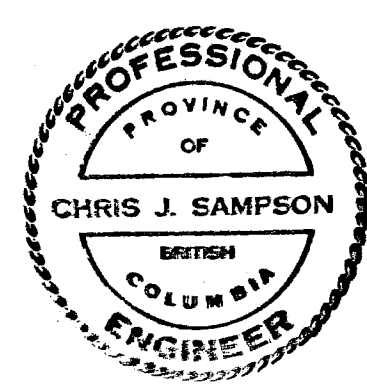
DATE: SEPTEMBER, 1987
BY: C.J.S./rwr

FIGURE No. //



LEGEND:

- ANDESITE & DACITE DYKES (MOSTLY PORPHYRITIC)
- CORYELL INTRUSIONS
- 4d PORPHYRITIC MONZONITE
- 4c GREY DIORITE & QUARTZ-DIORITE
- 4b SYENITE
- 4a ALKALI GRANITE
- 3 PORPHYRITIC DACITE
- 2 ULTRABASIC ROCKS (MOSTLY SERPENTINITE)
- ROSSLAND FORMATION
- 1f ARKOSIC SEDIMENTS
- 1e BASALT
- 1d FINE GRAINED FELDSPAR PORPHYRY
- 1c TUFF
- 1b ANDESITE (ABUNDANT HORNBLENDE PORPHYRY)
- 1a AGGLOMERATE
- INFERRED FAULT
- - - CONTACT (OBSERVED, INFERRED)



Chris J. Sampson

SIDON INTERNATIONAL RESOURCES CORP.

ROSS 1-4 CLAIMS
TRAIL CREEK MINING DIVISION, B.C. NTS: 82 F/4

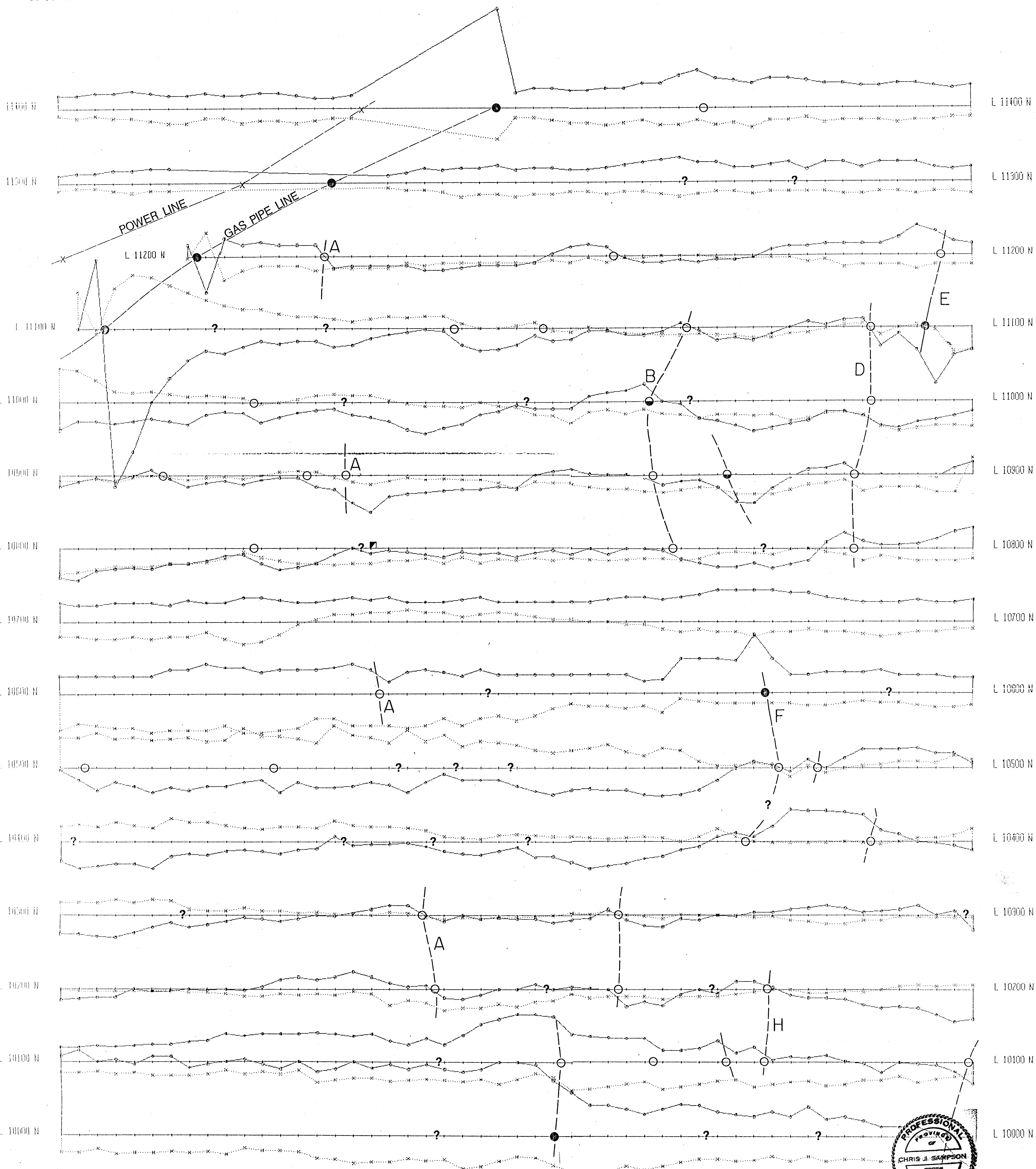
PROPERTY GEOLOGY

0 200 400 600 800 metres
SCALE 1:10 000

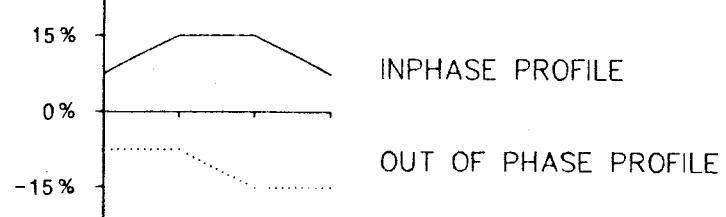
DATE: SEPTEMBER, 1987
BY: C.J.S. LOGICAL BRANCH ASSESSMENT REPORT

FIGURE No. 5

17,346

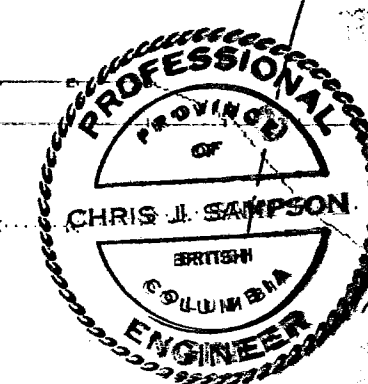


LEGEND:



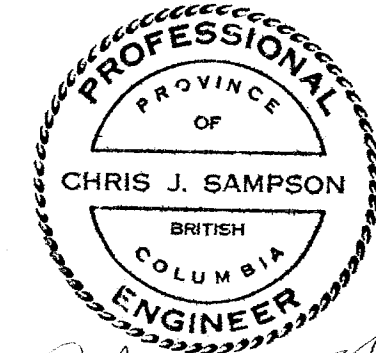
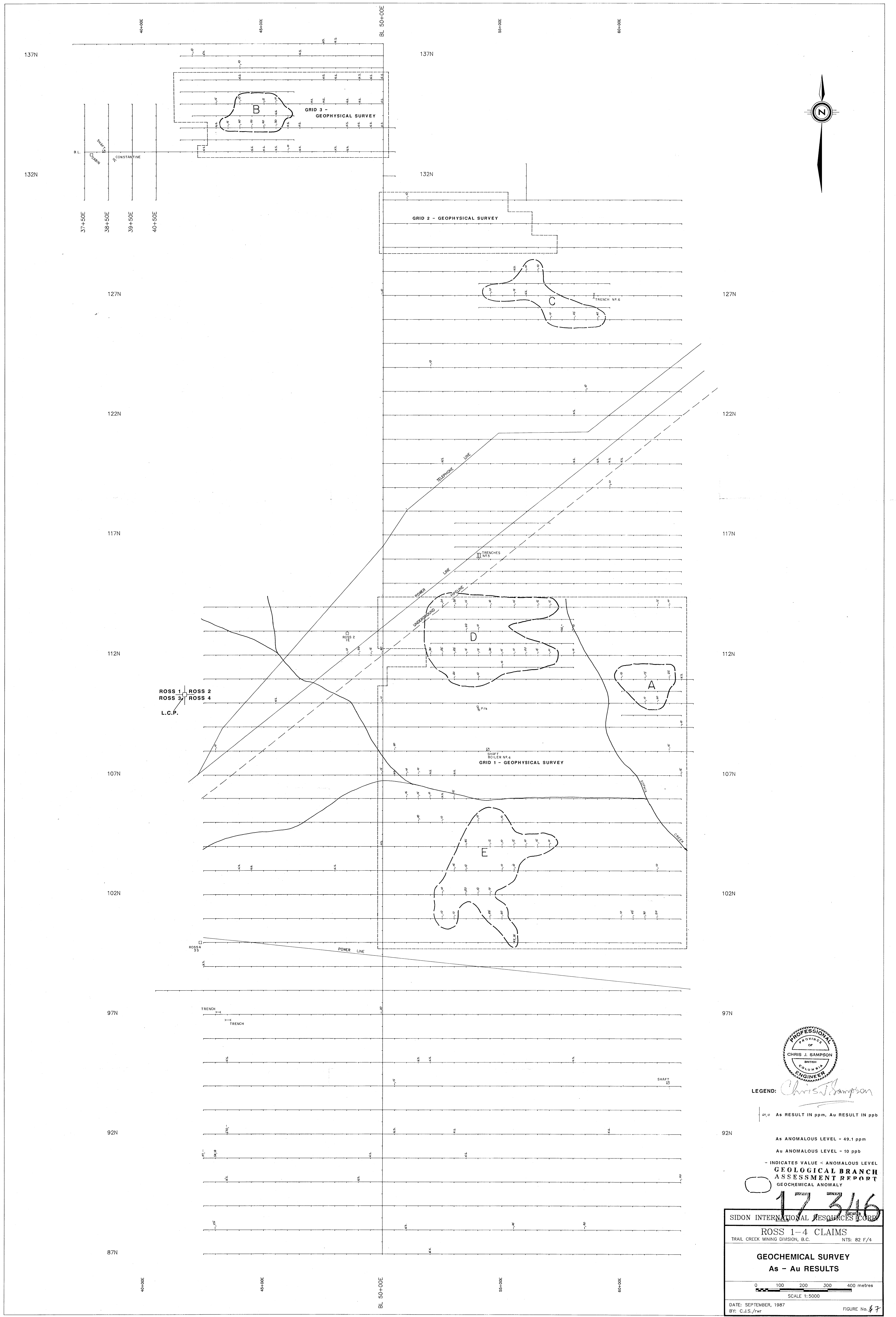
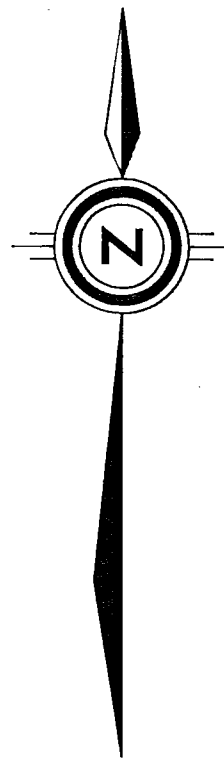
PLOT SCALE 1cm = 15%
OPERATOR FACED EASTERLY

● ○ ? VLF EM ANOMALY (STRONG, MEDIUM, WEAK, QUESTIONABLE)
 /// INTERPRETED VLF EM CONDUCTOR AXIS (STRONG, MEDIUM, WEAK)



Chris J. Sampson

GEOLOGICAL BRANCH
ASSESSMENT REPORT
 ROSS 1-4 CLAIMS
 TRAIL CREEK MINING DIVISION, B.C. NTS: 82 F/4
 GND 1
 VLF EM LOG SURVEY
 PROFILES
 17,346
 SCALE 1:2500 (metres)
 DATE: SEPTEMBER, 1987
 BY: C.J.S./rwr
 FIGURE No. 10



LEGEND: *Chris J. Sampson*

As RESULT IN ppm, Au RESULT IN ppb

As ANOMALOUS LEVEL = 49.1 ppm

Au ANOMALOUS LEVEL = 10 ppb

- INDICATES VALUE < ANOMALOUS LEVEL
GEOLOGICAL BRANCH
ASSESSMENT REPORT
GEOCHEMICAL ANOMALY

17346

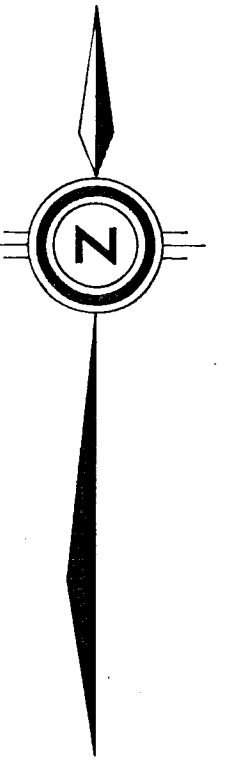
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ROSS 1-4 CLAIMS
TRAIL CREEK MINING DIVISION, B.C. NTS: 82 F/4

GEOCHEMICAL SURVEY
As - Au RESULTS

0 100 200 300 400 metres
SCALE 1:5000

DATE: SEPTEMBER, 1987
BY: C.J.S./rwr

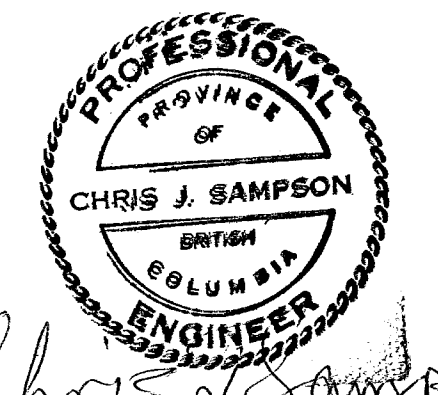
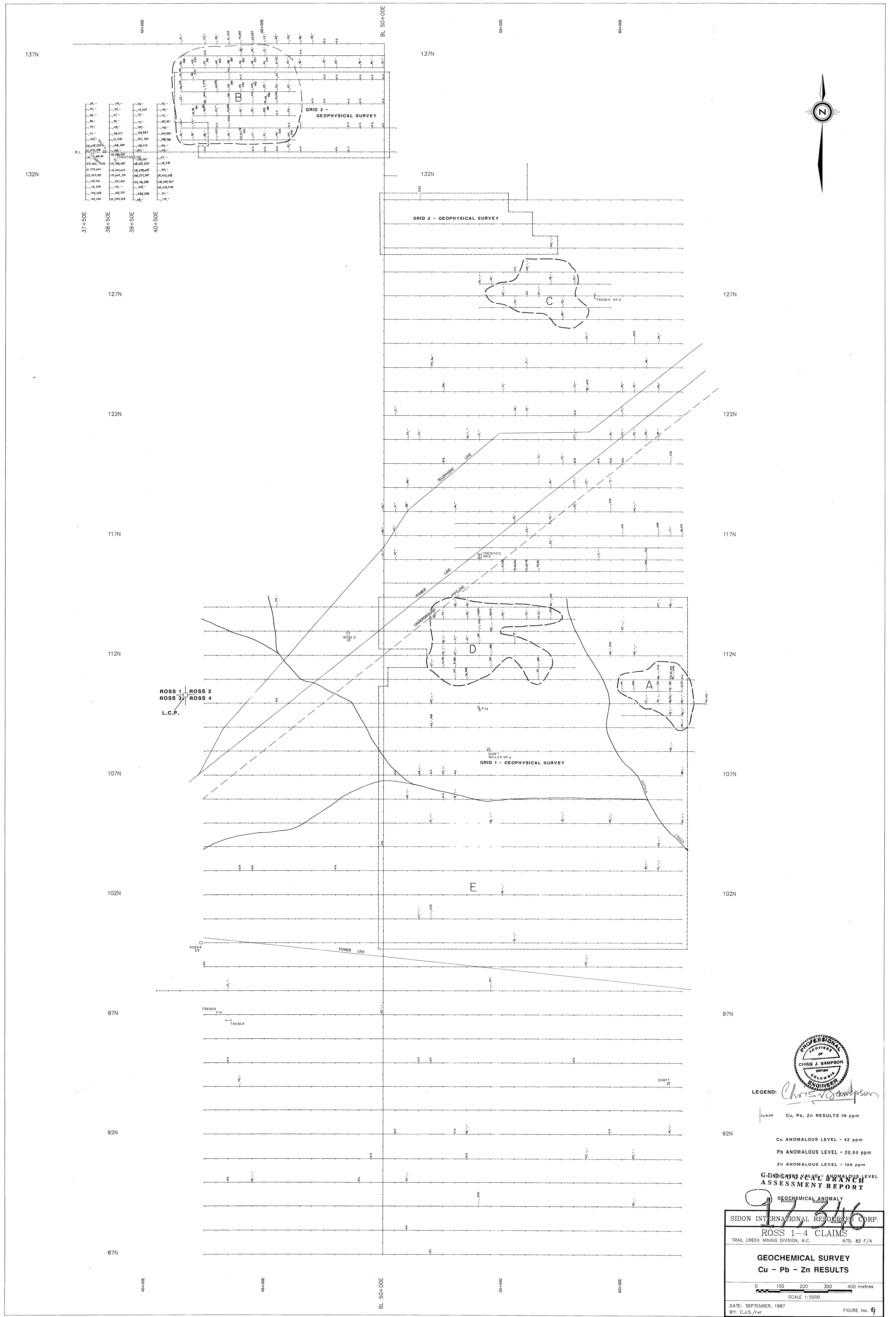
FIGURE No. 87



37+50E 38+50E 39+50E 40+50E

137N	132N	127N	122N	117N	112N	107N	102N	97N	92N	87N
60+00E	55+00E	50+00E	45+00E	40+00E	35+00E	30+00E	25+00E	20+00E	15+00E	10+00E

BL 50+00E



LEGEND: *Chris J. Sampson*

Cu, Pb, Zn RESULTS IN ppm
Cu ANOMALOUS LEVEL = 42 ppm
Pb ANOMALOUS LEVEL = 20.94 ppm
Zn ANOMALOUS LEVEL = 198 ppm

GEOCHEMICAL ANOMALY

97 346

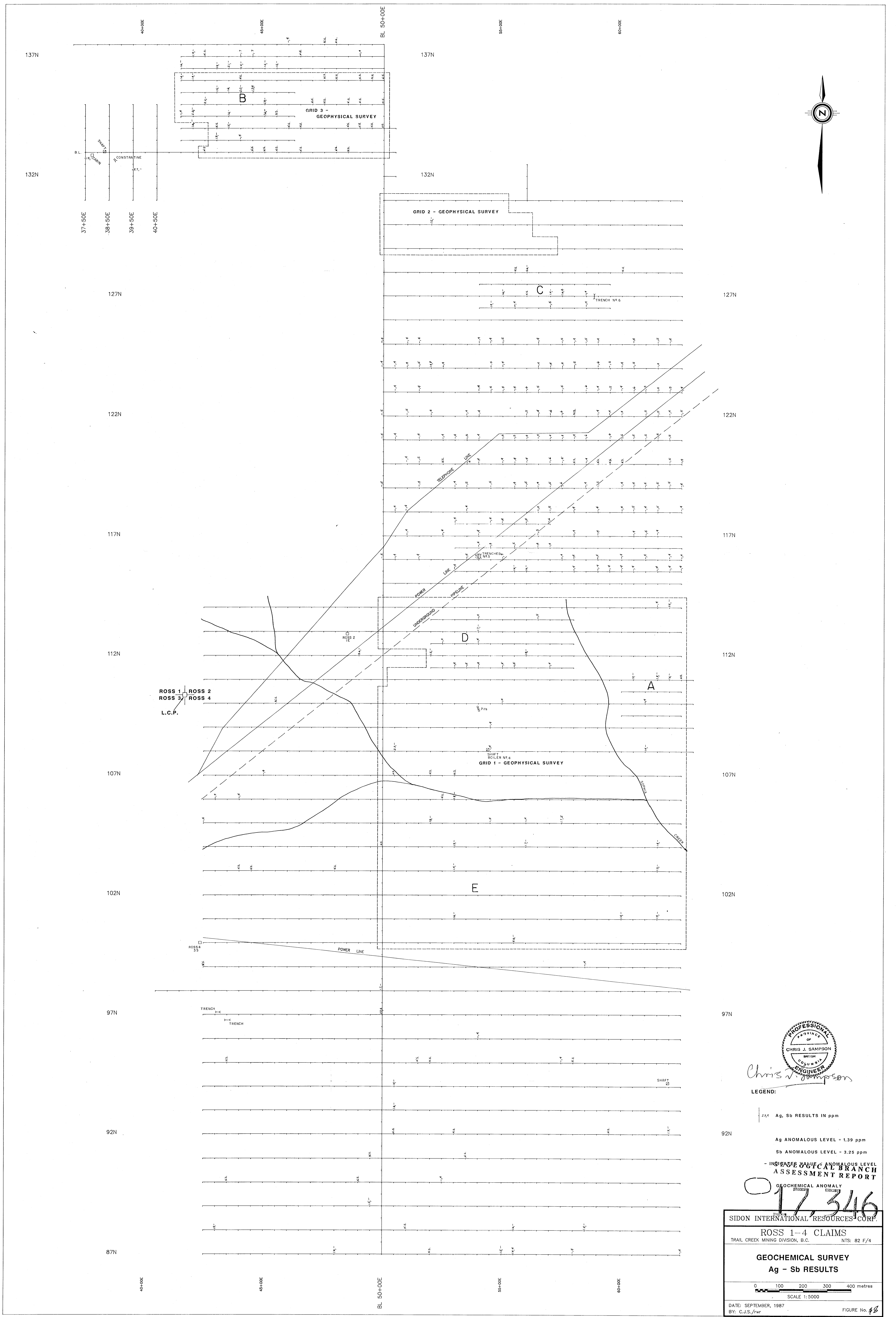
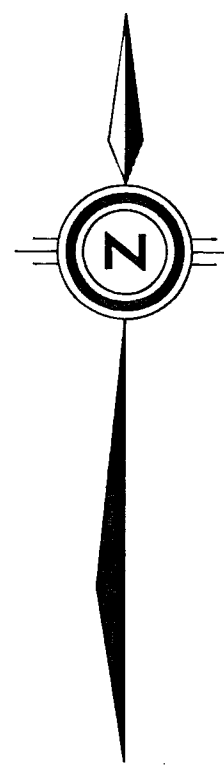
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ROSS 1-4 CLAIMS
TRAIL CREEK MINING DIVISION, B.C. NTS: 82 F/4

GEOCHEMICAL SURVEY
Cu - Pb - Zn RESULTS

0 100 200 300 400 metres
SCALE 1:5000

DATE: SEPTEMBER, 1987
BY: C.J.S./rwr

FIGURE No. 4



PROFESSIONAL
PROVINCE OF
CHRIS J. SAMPSON
BRITISH
COLUMBIA
ENGINEER
Chris J. Sampson

LEGEND:
25% Ag, Sb RESULTS IN ppm
Ag ANOMALOUS LEVEL = 1.39 ppm
Sb ANOMALOUS LEVEL = 3.25 ppm
- INDICATES VALUE ANOMALOUS LEVEL
ASSESSMENT REPORT
GEOCHEMICAL ANOMALY

17,346
SIDON INTERNATIONAL RESOURCES CORP.
ROSS 1-4 CLAIMS
TRAIL CREEK MINING DIVISION, B.C. NTS: 82 F/4
GEOCHEMICAL SURVEY
Ag - Sb RESULTS
0 100 200 300 400 metres
SCALE 1:5000
DATE: SEPTEMBER, 1987
BY: C.J.S./rwr
FIGURE No. 8B