1988 PROGRAM REPORT
ON THE
KEMESS CREEK PROPERTY
FOR
ST.PHILLIPS RESOURCES INC.

Shangri-La Minerals Limited

1988 PROGRAM REPORT

ON THE

KEMESS CREEK PROPERTY
RON #4 AND DU CLAIMS (RON GROUP)

FOR

ST. PHILLIPS RESOURCES INC.

OMINECA MINING DIVISION
BRITISH COLUMBIA

NTS: 94D/15, 94E/2
NORTH LATITUDE: 57°5'N
WEST LONGITUDE: 126°50'W

BY

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SHANGRI-LA MINERALS LIMITED
VANCOUVER, B.C.
22 DECEMBER, 1988

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SUMMARY

The Kemess Creek property consists of two contiguous mineral claims totalling 40 units located in the Omineca Mining Division of British Columbia. The property is located in the Toodoggone Camp, 260 km north of Smithers, B.C. A program consisting of an IP survey, trenching, and reverse circulation drilling was performed by Shangri-La Minerals Limited for St. Phillips Resources Inc. The project was overseen by E. Livgard, P.Eng., of Livgard Consultants Ltd.

The geology consists of the Upper Triassic-Jurassic Takla Group volcanics and sediments which have been intruded by quartz monzonite. Mineralization consists of pyrite and pyrite-chalcopyrite-gold in quartz monzonite, native copper-gold found in a border phase of the quartz monzonite and native copper in hematized chert.

Exploration since 1981 has included geological, geochemical, geophysical surveys and diamond drilling. The geochemical surveys outlined a large area of anomalous copper and gold in soil. An IP survey indicated that a disseminated sulphide system was coincident with the geochemical anomaly. Subsequent diamond drilling (1984) intersected a gold-copper porphyry system. Further geophysical and geochemical work (1987) provided detail to help in targeting another phase of drilling.

Reverse circulation drilling and an IP survey in 1988, combined with the past surveys, indicated a gold-copper porphyry deposit which appears to extend at least 500 m east-west (open to the east) and 750 m north-south. The 1988 drilling returned values as high as 0.035 oz/ton gold and .57% copper over 10 feet (3.05 m).

A program consisting of 3,500 ft. (1,067 m) of diamond drilling is recommended to better assess the geology and explore for higher grade mineralization. Contingent upon the successful completion of this work, as second stage of diamond drilling consisting of 7,000 ft. (2,134 m) should be entered into. A sum of $720,000 should be allocated to complete the two stages of the proposed program.

Signed at Vancouver, B.C.

E. Livgard, P.Eng.
22 December, 1988

Nigel Hulme, B.Sc.
22 December, 1988

INTRODUCTION

A program consisting of an induced polarization survey, trenching, and reverse circulation drilling was conducted on the Kemess Creek property between July and September, 1988. The work was performed by Shangri-La Minerals Limited on behalf of St. Phillips Resources Inc. of Vancouver, B.C. The project was overseen by E. Livgard, P.Eng., of Livgard Consultants Ltd.

PROPERTY STATUS

The Kemess Creek property consists of two contiguous 20 unit modified grid system mineral claims located in the Omineca Mining Division. Particulars are as follows:

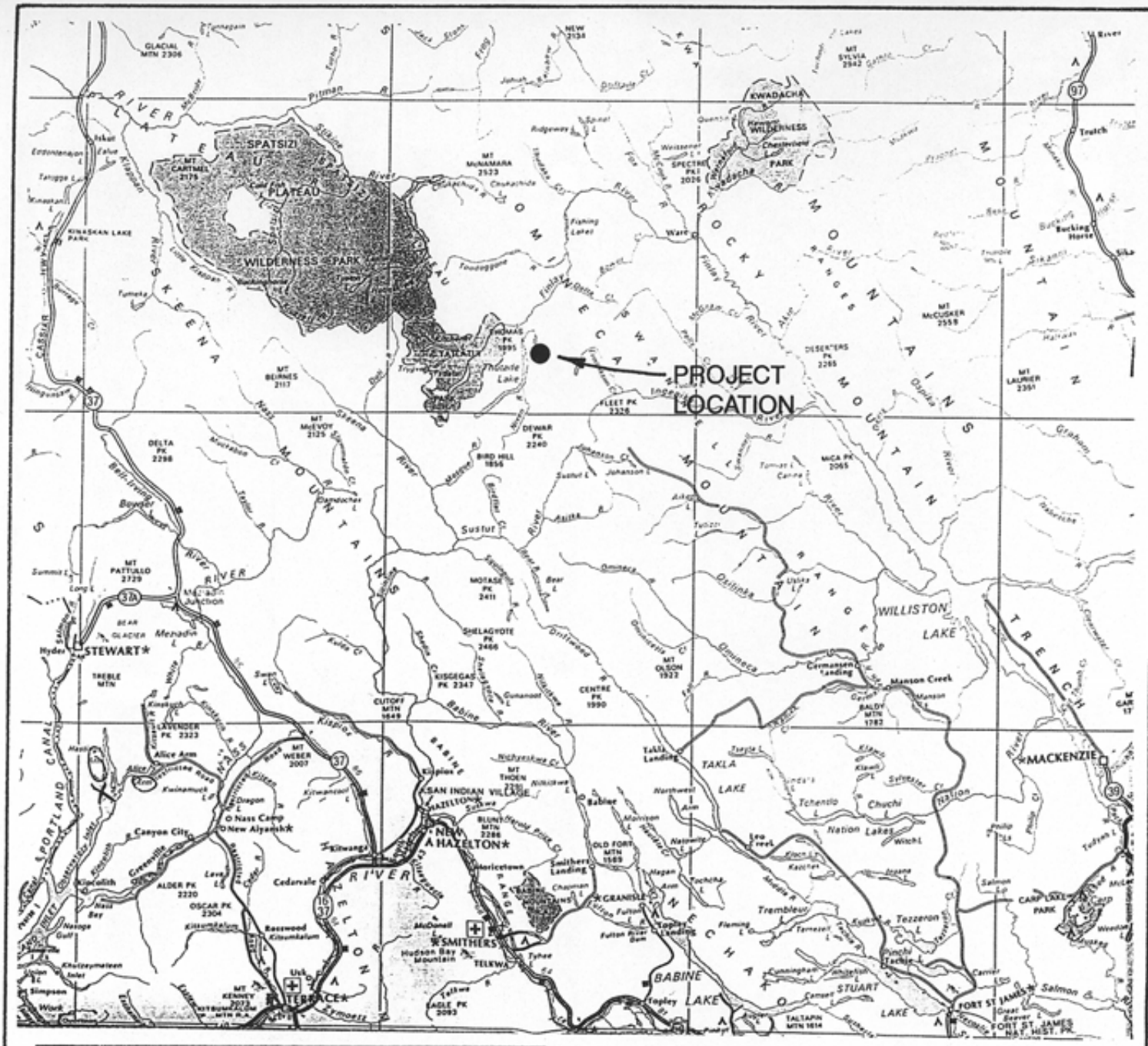
CLAIM	RECORD NO.	AREA	ANNIVERSARY
Ron #4	3630	20 units	March 3, 1990
Du	6396	20 units	July 16, 1990

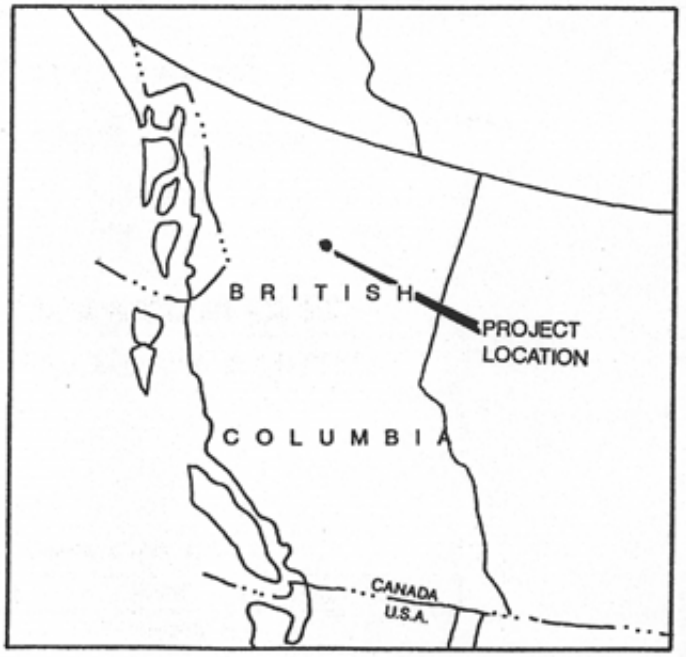
The claims can be found on British Columbia Ministry of Energy, Mines and Petroleum Resources Maps 94D/15E & W and 94E/12E & W.

LOCATION, ACCESS, AND TOPOGRAPHY

The property is located in the Toodoggone Camp, 260 km north of Smithers, B.C. and 7 km east of Thutade Lake, at longitude 126°45'W and latitude 57°00'N.

In the past, access was best via fixed-wing aircraft from Smithers to Sturdee Strip, a gravel air strip 40 km northwest of the claims. The claims could then be reached by helicopter from Sturdee Strip. Since 1987, road access to the Toodoggone area





SCALE 1 : 2 500 000

0 100 200 kms

KEMESS CREEK PROJECT

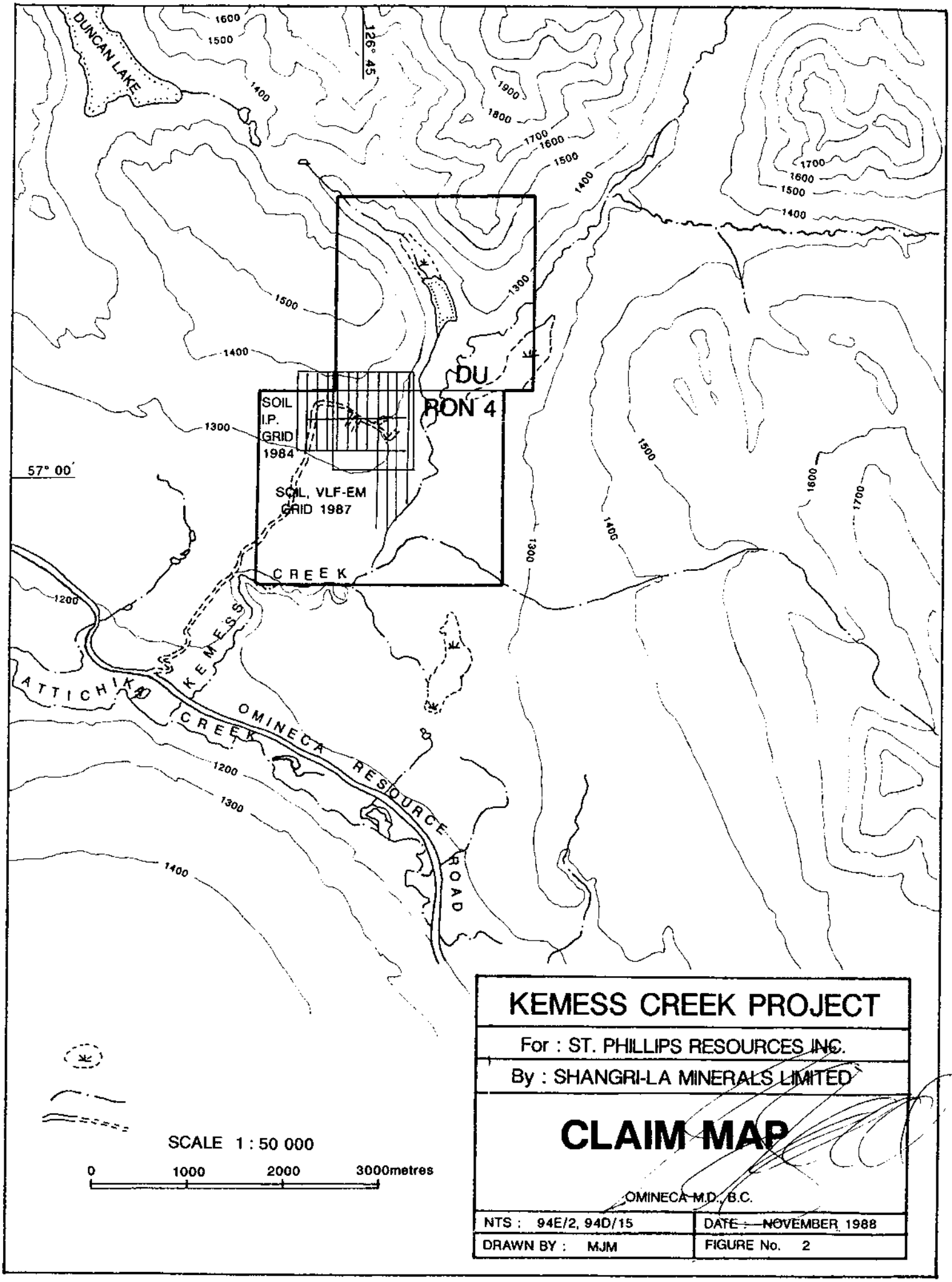
For : ST. PHILLIPS RESOURCES INC.

By : SHANGRI-LA MINERALS LIMITED

LOCATION MAP

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM	FIGURE No. 1



KEMESS CREEK PROJECT

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By : SHANGRI-LA MINERALS LIMITED

CLAIM MAP

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM	FIGURE No. 2

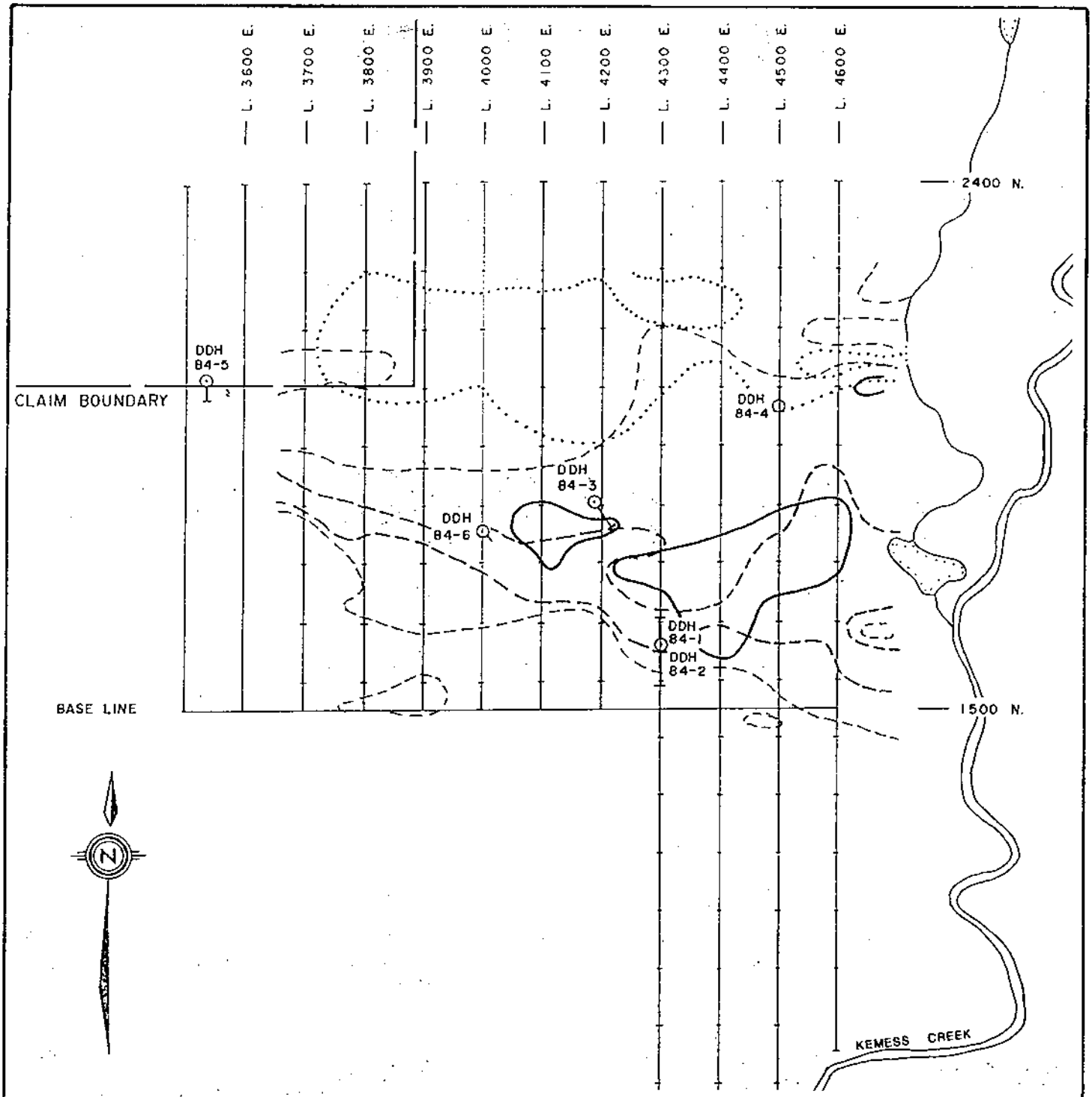
has been available and passes within 2 km of the property. This is a 470 km gravel road originating from Highway 97, approximately 155 km north of Prince George. The first 360 km of the road after leaving the highway is maintained by forest companies and the BC Ministry of Transportation and Highways. The final 110 km is maintained by Cheni Gold Mines Inc. and their permission is required for the use of this portion of the road. A locked gate and watchman are stationed at km 0 of Cheni's road.

In 1988 a four-wheel drive road was constructed by Shangri-La Minerals Limited from km 35.5 on Cheni's road to the Kemess Creek Property.

Topography on the claims is fairly gentle, ranging from 1200 m to 1600 m a.s.l. The property is wet and swampy in the south, with elevations rising towards the north. Drainage is towards Kemess Creek, which flows southerly through the middle of the claims.

HISTORY

The Ron #4 claim was part of a property staked in 1981 to cover geologically favourable ground after the discovery of porphyry copper-gold mineralization to the north. The Du claim was staked in 1984 following reconnaissance work and soil survey's in 1981, 1982 and 1983. In 1984 soil and magnetometer surveys were conducted over a portion of the Ron #4 and Du claims for Pacific Ridge Resources. An area 50-300 m wide and open to the east and west was found to be highly anomalous (+1000 ppm) in copper and to be partly coincident with anomalous (+100 ppb) gold results; the magnetometer survey was inconclusive. A subsequent I.P. survey over 13 line-km (cut grid) covering the soil anomalies indicated the presence of a large disseminated sulphide system.



LEGEND

GOLD	100ppb	———
COPPER	1000ppm	— — —
COPPER	100ppm	— — — —
ZINC	200ppm	. . . . .

After HI-TECH RESOURCE MANAGEMENT LIMITED, 1984, reproduced from Livgard, 1988

SCALE 1 : 10000

METRES

0 100 200 300 400

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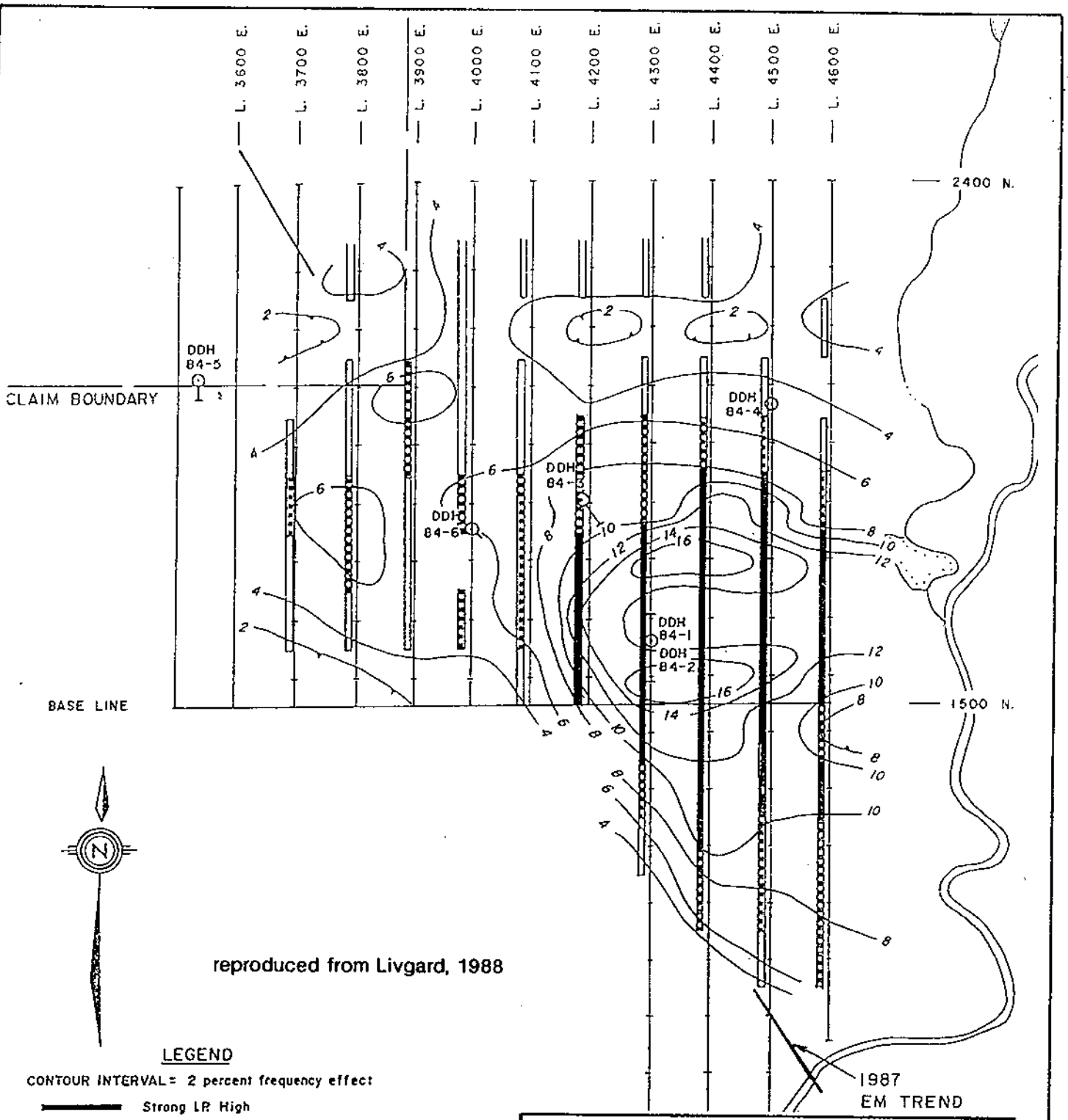
1984 SOIL SURVEY

OMINECA M.D., B.C.

DRAWN BY : MJM, NH	DATE : DECEMBER 1988
NTS : 94D/15, 94E/2	FIGURE No. 3



reproduced from Livgard, 1988

LEGEND

CONTOUR INTERVAL = 2 percent frequency effect

- Strong I.P. High
- Moderate I.P. High
- Weak I.P. High

I.P.U.-I SURVEY: dipole-dipole array

n = 1 a = 100 metres

FREQUENCY: 5 and .5 Hz.

Survey by: Phoenix Geophysics Ltd., September, 1984

Map by: Alan Scott, November, 1984

METRES

0 100 200 300 400

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1984 IP SURVEY AND DIAMOND DRILL HOLE LOCATIONS

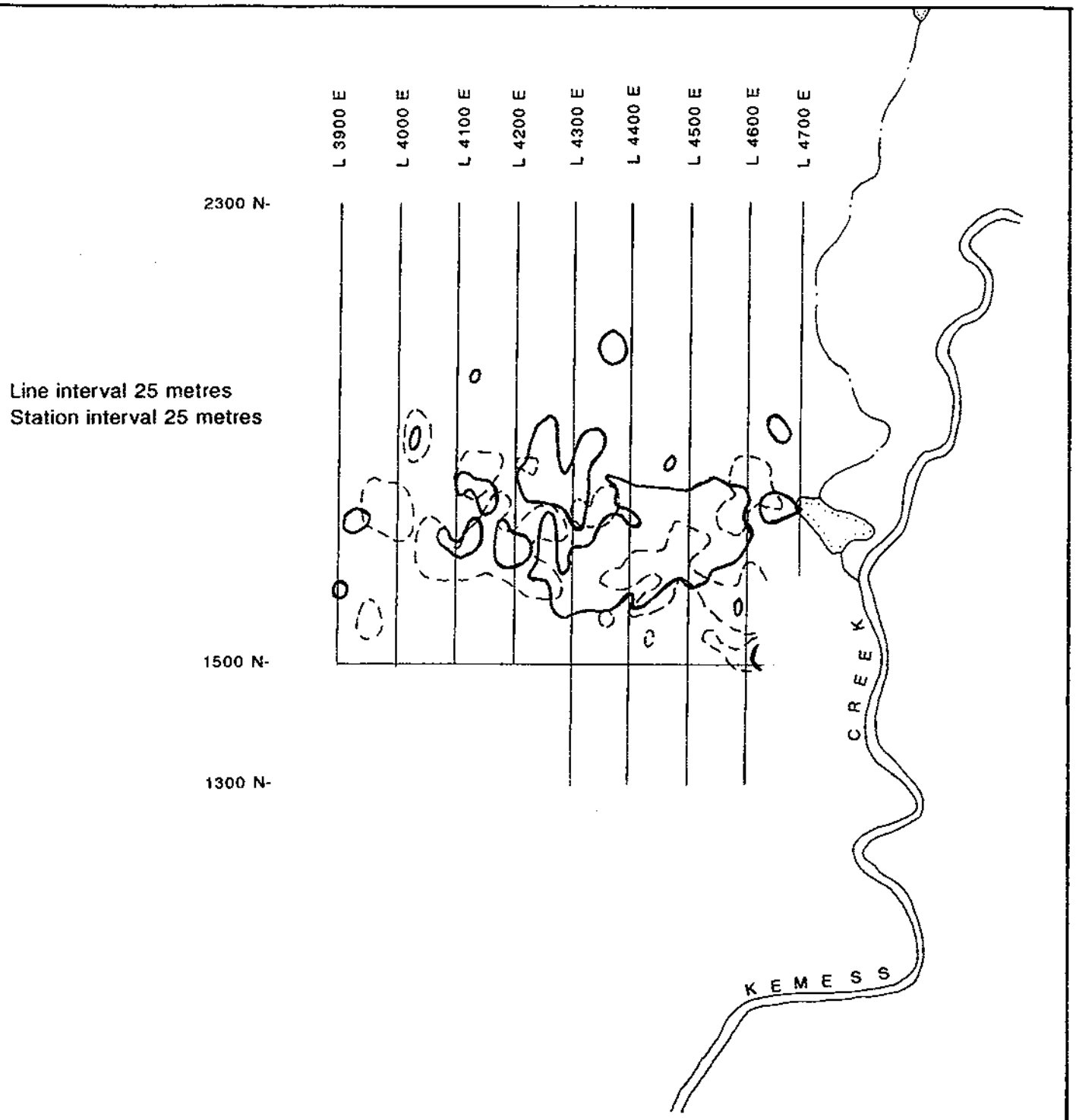
OMINECA M.D., B.C.

DRAWN BY : MJM, NH	DATE : DECEMBER 1988
NTS : 94D/15, 94E/2	FIGURE No. 4

In the fall of 1984, this area was tested by 323 metres of diamond drilling in six holes. In his 1985 assessment report of the drilling, D.L. Cooke, P.Eng., concluded that the drilling demonstrated the presence of both stockwork porphyry gold-copper-molybdenum mineralization and strata-controlled copper mineralization and recommended further diamond drilling and backhoe trenching. Of the six holes, three were drilled in a quartz monzonite intrusive and gave weighted averages of 0.478 g/tonne Au and 0.170% Cu over 53.2 m (DDH84-1); 0.339 g/tonne Au and 0.129% Cu over 73.9 m (DDH84-2); 0.586 g/tonne Au and 0.199% Cu over 68.7 m (DDH84-3). Holes DDH84-4 and 5 intersected andesites, argillites, and cherts generally containing background values in gold and copper. DDH84-6 was abandoned before reaching bedrock.

In 1987, a detailed fill-in soil survey and VLF-EM survey were conducted over the area encompassed by the 1984 cut grid. The 1987 soil survey covered 31 km of lines spaced at 25 m with a 25 m station interval. Results showed a copper anomaly (+500 ppm) extending over 750 m east-west, open to the east, and about 300 m to 400 m north-south (Livgard, 1988). Several areas within this zone had copper values above 1250 ppm. A gold anomaly (+100 ppb) extended over much the same area as the +500 ppm copper anomaly with highly anomalous (+500 ppb) gold values scattered throughout (Livgard, 1988). The southern boundary of the anomalous zone was coincident with a change in overburden while the northern boundary was more irregular and gradual. Lead, zinc, and arsenic anomalies were found to the north of the copper-gold anomaly.

The 1987 VLF-EM survey covered 27 km of lines spaced at 25 m with a 25 m station interval. The survey utilized transmitting stations at Seattle and Annapolis with results showing indistinct features coincident with the 1984 IP anomaly boundaries.



LEGEND

- 300 ppb gold geochemistry contour
- 1250 ppm copper geochemistry contour

SCALE 1: 10000

0 300 600 metres

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COMPOSITE SOIL GEOCHEMISTRY (1987)

OMINECA M.D., B.C.

NTS : 94D/15. 94E/2	DATE : NOVEMBER 1988
DRAWN BY : MJM. NH	FIGURE No. 5

SURVEY SPECIFICATIONS

Induced Polarization Survey

A dipole-dipole time domain induced polarization (IP) survey was conducted on seven cut lines spaced at 100 m intervals emplaced in 1984.

The survey was done using a Phoenix IPT-1 2 Kw transmitter and an EDA IP2 (BGRM ELREC-2C) receiver. The pulse length was 2 seconds; four integration windows were used. A dipole width of 25 m was used with four separations (N=1 to 4).

A total of 6.85 km was surveyed.

A Wenner vertical sounding array was done on Line 4200E for depth determination of the overburden.

Road Building and Trenching

A 225 Cat Excavator was used to rehabilitate approximately 4 km of a bulldozer track which passes through the Kemess Creek property. Approximately 1.6 km of new road was constructed to access and build fifteen drill pads. In addition, the excavator was used to trench at two sites, excavating approximately 650 cubic metres of material. After they had been sampled, the trenches were backfilled.

Reverse Circulation Drilling

Eleven holes totalling 870 m (2854 ft) were drilled using a reverse circulation drill having a 12 cm (4.75 inches) diameter narrowing to 10.5 cm (4.125 inches) at depth. Fifteen drill holes drilled from fifteen pads had been anticipated, but due to

the hardness of the rock and equipment breakdowns not all the drill sites were utilized. The drill holes were numbered according to which drill pad drilling took place from.

Drilling was performed by Flite Drilling Services Ltd. of Calgary, Alberta. Sample collection was performed at 3.05 (10 ft) intervals on site by drill personnel; portions of the samples were then washed and logged by Shangri-La Minerals staff. These portions are being stored in Vancouver, B.C. for future reference. The remainder of the samples were shipped for analysis.

Analytical Method

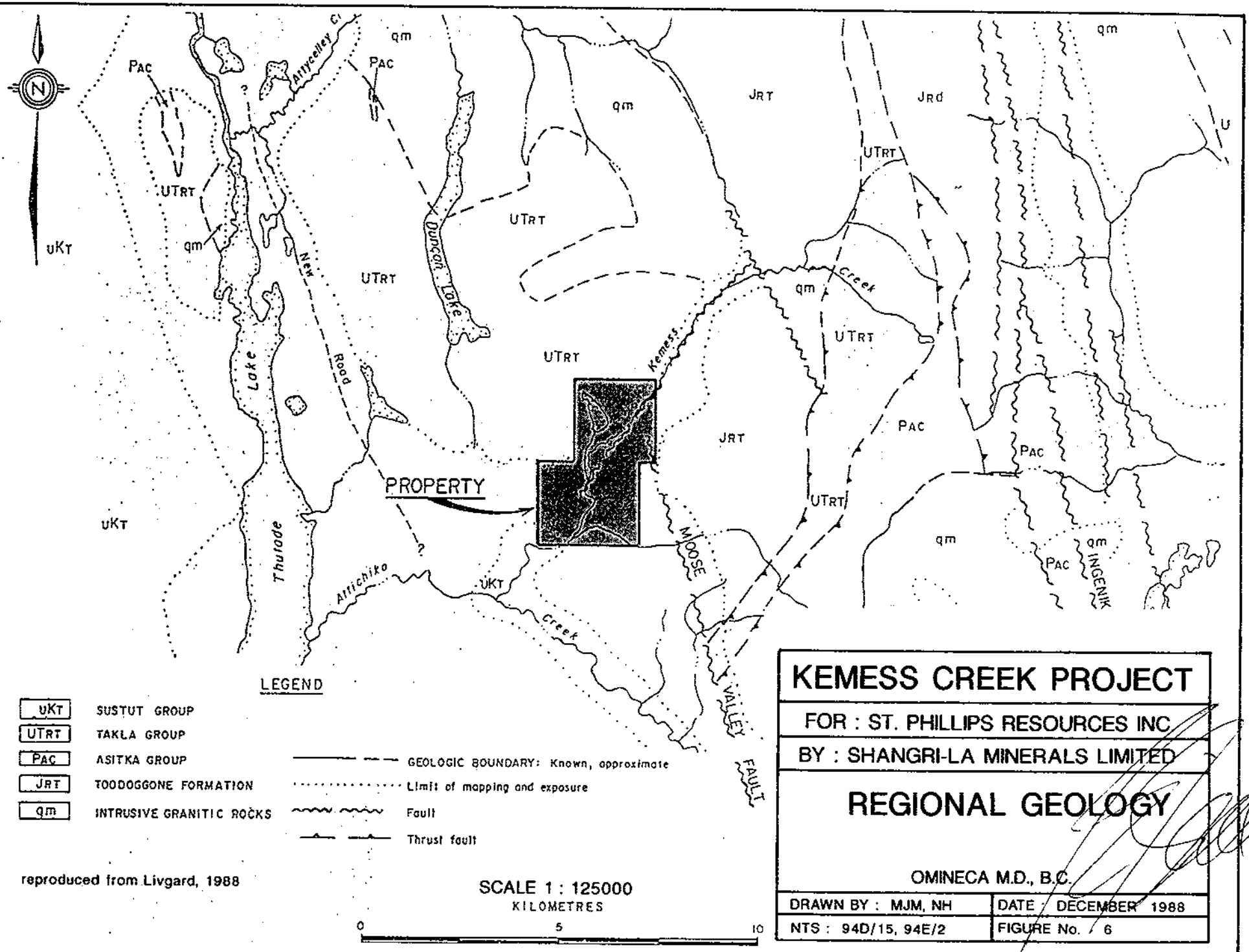
A total of 254 drill chip samples and 9 rock samples were analysed by Min-En Laboratories Ltd of North Vancouver, B.C. for 31 elements by the ICP method and for gold by atomic absorption (A.A.). Three of the drill chip samples were also fire assayed for gold. A portion of sample DH9-88, 245-255 (labelled 255-265) was sampled and sent for assay by E. Livgard.

GEOLOGY

Regional Geology

The Thutade Lake area is largely underlain by andesitic volcanics and related sediments of the Upper Triassic-Jurassic Takla Group and small pockets of Permian Asitka Group sediments. East of Kemess Creek, Middle to Upper Jurassic Toodoggone volcanics are in fault contact with Takla Group volcanics. These rocks have been intruded by Jurassic quartz monzonite and granodiorite.

The major structures in the area are north-northwest striking faults, such as the Moose Valley Fault which appears to



reproduced from Livgard, 1988

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REGIONAL GEOLOGY

OMINECA M.D., B.C.

DRAWN BY : MJM, NH	DATE : DECEMBER 1988
NTS : 94D/15, 94E/2	FIGURE No. / 6

extend onto the property and the Ingenika Fault, which runs into or becomes a north striking structure.

Property Geology

Bedrock is poorly exposed on the property and is generally limited to areas above treeline or where more rugged topography is prevalent. Past programs and regional mapping show the geology to consist of Takla Group volcanics and sediments which have been intruded by quartz monzonite. Quartz monzonite has been noted in two areas, on the hillside near the west-central portion of the Du claim and on the southeast portion of the 1984 cut grid. Geology on the cut grid is known mainly from exposures in road cuts and trenches and from results of the 1984 and 1988 drill programs.

Mineralization consists of pyrite and chalcopyrite in quartz monzonite, native copper found in 1988 in a border phase of the quartz monzonite and in 1984 in hematized chert, and pyrite in argillite and chert.

GEOPHYSICAL RESULTS

Induced Polarization Survey

The induced polarization (IP) data is presented in plan form on Figures 7a, b, 8a, b and in pseudosection form on Figure 9.

A frequency domain induced polarization (IP) survey was carried out in the past (see Report on Ron #4 and Du mineral claims for St. Phillips Resources Inc. by Livgard Consultants Ltd., January 4, 1988) on the Kemess grid. The dipole width used was 100 m which is four times the width of 25 m used for the 1988 survey. A 100 m dipole width has a greater penetration but gives much more general results. A 25 m dipole width provides

four times more detail of shallower features and is consequently better suited for targeting a shallow drilling program (about 100 m holes). Also, the shallower penetration (particularly on dipole separation (N) of N=1) is better for geochemical correlation.

Assuming that sulphide mineral sizes, rock porosity and permeability are relatively constant, then the amplitude of the chargeability (M_t) probably quantitatively represents the concentration of sulphides. Trends within an anomaly can be recognized as isolated M_t or apparent resistivity (RHO) areas of similar amplitude.

Three zones of anomalous chargeability are evident from the N=1 and N=3 chargeability plan maps. The largest zone is present over much of the eastern central portion of the grid, bounded to the west by L4100E, to the north by 1900N, and to the south by 1225N. The zone is open to the east. Extremely high chargeabilities within the core of this zone were measured at the N=3 and 4 separations. Two smaller anomalous zones are present in the northwestern and western extremities of the surveyed area.

Since trends within the anomalous areas are difficult to distinguish a description of each surveyed line follows.

Line 4000E contains the western and northwestern anomalies. The western anomaly extends from 1725N to 1825N with an area of low M_t's and high RHO's at depth (N>2) between 1750N and 1800N. The north-western anomaly extends from 1975N to 2100N and is characterized by high M_t's and low RHO's.

Line 4100E has a vague southern boundary in the area of 1650N to 1700N. The M_t value from 1700N to 1950N are of medium amplitude and possibly represent the edge of the eastern central anomaly. The north-western anomaly is present from 1975N to 2050N and is characterized by high M_t's and low RHO's.

Line 4200E is well within the eastern central anomaly. The anomaly is open to the south at 1550N but is decreasing at this point. The north-western anomaly seems to have a weak expression at about 2000N. The M_t peak on N>1 at 1650N and 1750N.

The following lines have anomalous values related strictly to the eastern central anomaly.

On Line 4300E the southern boundary is at 1475N and the northern boundary at 1900N. There is an isolated M_t high at 2025N with a related low RHO, resembling the low RHO trend on Lines 4000N and 4100N at 2035N (due to chert). The M_t's peak on N=2, 3 and 4 at 1562N, on all N's at 1637N and on N=2, 3 and 4 at 1737N.

On Line 4400E the southern boundary is at 1200N and the northern one at 1950N. The M_t's peak on N=2, 3 and 4 at 1425N, on N=2, 3 and 4 at 1562N, on all N's at 1637N, on N=2, 3 and 4 at 1775N and on all N's at 1825N. The RHO's on N=2 between 1400N and 1475N are high and may be due to a xenolith within the porphyry.

On Line 4500N the M_t's are generally lower than on Line 4400N. The southern boundary is at 1125N, the M_t's on N=1 from 1325N to 1125N are low possibly because of a thick swamp cover, the northern boundary is at 1925N. The M_t's peak on all N's at 1450N on all N's at 1525, on N=1 and 2 between 1625N and 1750N and on N=3 and 4 at 1800N.

On Line 4600N the M_t's are generally lower than on Line 4500N. The southern boundary is at 1050N, with the same low M_t's on N=1 as on Line 4500N, the northern boundary is at 1875N. The M_t's peak on all N's at 1425N, on all N's at 625N and on N=1, 2 and 3 at 1712N.

The geophysical properties of the rock bounding the porphyry area seem to be different on the north side compared to the south side. The northern side has low M_t with high RHO were as the southern side has low M_t with low RHO. This can be seen clearly on the N=1 and N=3 RHO plan maps (Figure 7b and 8b).

A Wenner vertical sounding array was carried out on line 4200E at the location of a proposed trench to determine the overburden thickness. Because of a limit in the trenching of 8 m in depth the array was set up for very shallow sounding. As the array was being performed it became apparent that the depth was less than 2 metres.

TRENCHING AND DRILLING RESULTS

Two trenches were excavated during the 1988 program. The first trench, at the locale of L4200E/1725N, was excavated in a zone of anomalous copper and gold geochemistry coincident with IP results indicating a high concentration of sulphides. Some 50 m - 75 m south of the trench, 1984 results had indicated the possible monzonite-country rock boundary. The total length of the trench was 70 m, exposing 37 m of bedrock along its northern half. To the south, overburden proved too deep for the excavator. Four samples were collected from the trench (Figure 10), mineralized with pyrite and erratic chalcopyrite. These samples contained: 1739 ppm Cu and 440 ppb Au (KM1); 3901 ppm Cu and 635 ppb Au (KM2); 3248 ppm Cu and 835 ppb Au (KM3); 3899 ppm Cu and 574 ppb Au (KM4).

The second trench, at the locale of L4000E/2100N, was excavated over the northern boundary of the northwest IP anomaly. The trench was 60 m long; rock exposed was chert and argillites mineralized in the southern section of the trench with high concentrations of pyrite (corresponding to the high IP results). Four samples were collected, KM 5 to 8, which contained only background values of economic minerals.

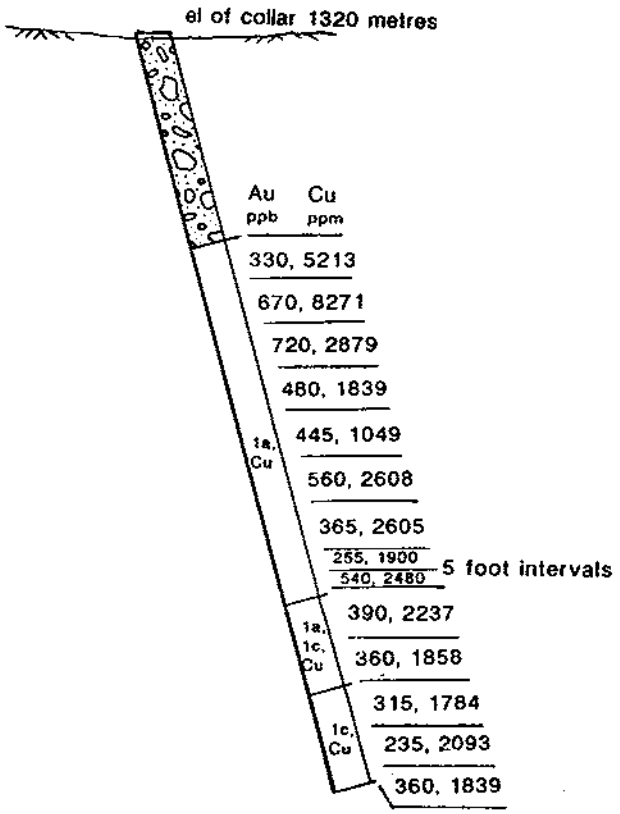
The reverse circulation drilling program tested the area, underlain by quartz monzonite, showing anomalous gold and copper soil geochemistry coincident with anomalous IP results. Fifteen target sites were chosen, but due to difficulties in drilling, eleven holes were drilled from ten sites. Pads 3, 4, 5, 6 and 13 were not used. Drill logs are appended to this report.

DH1-88 was drilled at azimuth 360° at an angle of -75° from L4000E/1715N to test what had been interpreted from 1987 and 1988 results as the possible southern boundary of the quartz monzonite. The hole cut into a section of what appeared to be heavily k-spar altered monzonite mineralized with native copper. The highest concentration of copper was between 16.8 m and 19.8 m from surface; this interval contained 8271 ppm (0.8271%) Cu. Native copper was present throughout the remainder of the hole, but at lower amounts. Pieces of copper seen ranged from millimetre sized flakes to centimetre sized chips, suggesting the mineral was present as fracture fillings, possibly due to supergene enrichment. The weighted average of the hole was 2877 ppm (0.2987%) Cu and 438 ppb Au over 36.9 m. Due to caving from surface and fracturing at depth the hole was cut off at 50.6 m.

DH1A-88 was located approximately 15 m west of DH1-88. The hole was drilled vertically in an attempt to drill deeper than DH1-88. Unfortunately, the same type of problems were encountered and the hole was cut off at a depth of 36.0 m. Native copper, at lower concentrations than in DH1-88, was encountered in the same rock type. Within DH1A-88, copper amount increased towards the bottom of the hole (in analytical results). The hole averaged 1690 ppm Cu and 370 ppb Au over 25.3 m.

DH2-88 was collared 62 m east of DH1-88 at 4062E/1725N. The hole was drilled at azimuth 120° at an angle of -70°. The hole intersected mainly fresh monzonite, averaging 408 ppb Au and 1875 ppm Cu over 64.0 m.

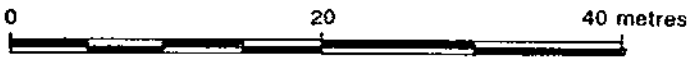
Section looking west



DH1-88

Location : 4000E/1715N
Azimuth, Dip: North,-75°
Total Depth : 50.6 metres

SCALE 1 : 500



LEGEND

1a k-spar altered monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite

KEMESS CREEK PROJECT

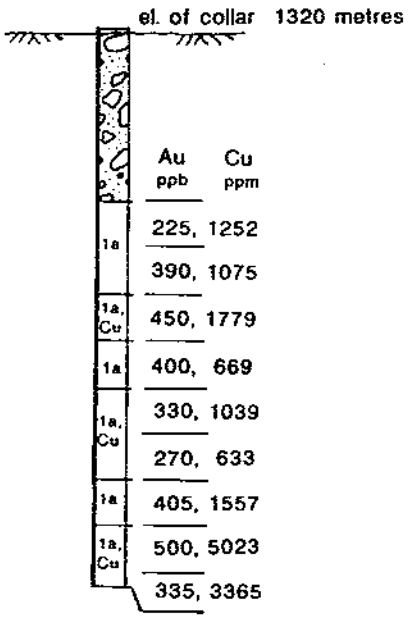
FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

DH1-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11a



DH1A-88

Location : 3985E/1710N
Azimuth, Dip: Vertical
Total Depth : 36.0 metres

SCALE 1 : 500

0 20 40 metres

LEGEND

1a k-spar altered monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite

KEMESS CREEK PROJECT

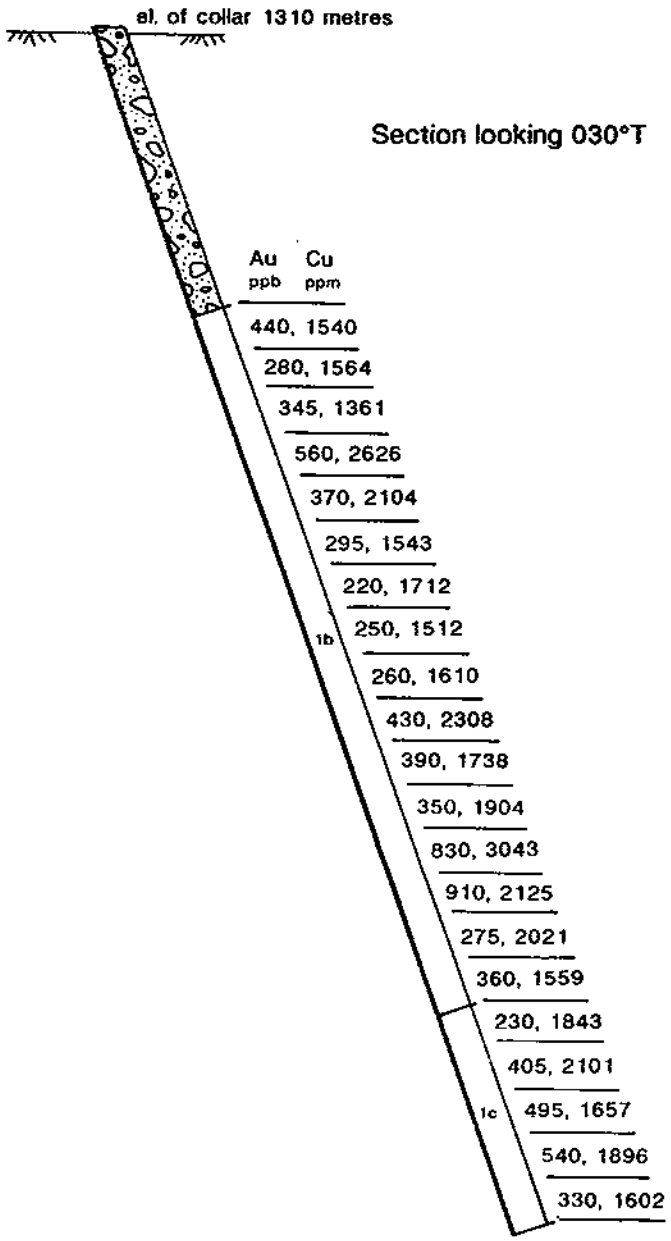
FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

DH1A-88

OMINECA M.D., B.C.

NTS : 9 E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11b



DH2-88

Location : 4062E/1725N
Azimuth, Dip: 120°,-70°
Total Depth : 83.8 metres

SCALE 1 : 500

0 20 40 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

Sample interval is 10 feet except where noted

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

DH2-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11c

DH7-88 through 10-88 were drilled where a zone of anomalous gold geochemistry (>300 ppb) was partly coincident with high IP results (L4300E). Copper geochemistry ranged from 468 ppm to 1612 ppm in this area. Each hole intersected grey and k-spar rich (pink) quartz monzonite. Disseminated pyrite ranged from 3% to 5%, and rarely upto 10%. Details are as follows:

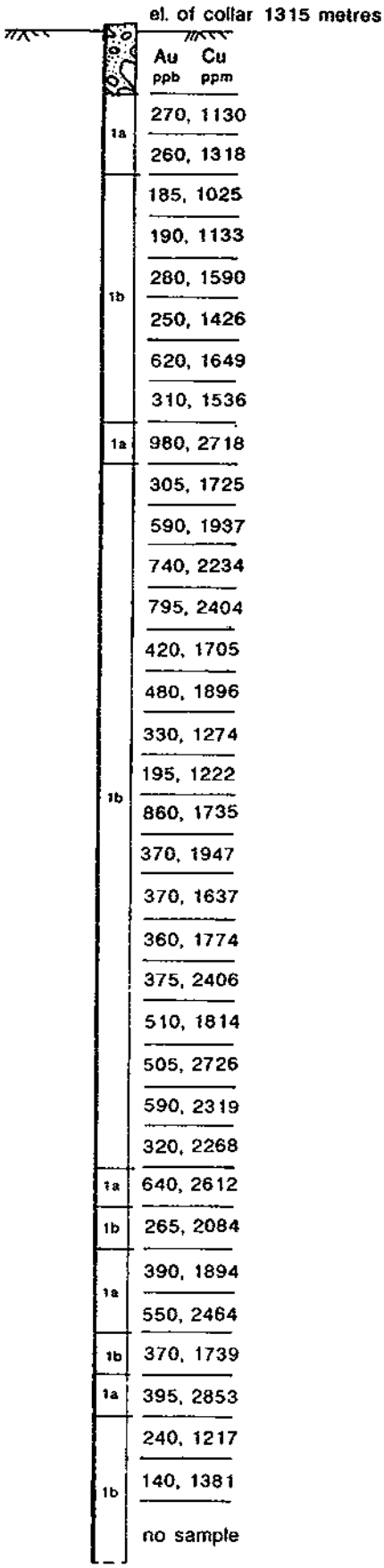
	DH7-88	DH8-88	DH9-88	DH10-88
Location	4300E/1750N	4300E/1825N	4250E/1900N	4325E/1400N
Azimuth, dip	Vertical	Vertical	Vertical	Vertical
Weighted Average Au	425 ppb over 103.6m	360 ppb over 97.6m	499 ppb over 73.2m	214 ppb over 117.4m
Weighted Average Cu	1846 ppm over 103.6m	1637 ppm over 97.6m	2406 ppm over 73.2m	1565 ppm over 117.4m

Higher gold values were encountered in DH9-88 (Figure 11f) and fire assays of sample DH9-88 75-85, 175-185, 225-235 gave values of 0.033, 0.035 and 0.029 oz/ton Au respectively. A portion of DH9-88 interval 245-255 was collected by E. Livgard before the hole was shut down due to poor recovery. The sample assayed .189% Cu, .01% Pb, .02% Zn. .05% oz/ton Ag, and .014 oz/ton Au (Sample DH9-88 255-265).

DH11-88 was drilled approximately 75 m to the west of DH7-88 and 8-88. The hole intersected monzonite mineralized with up to 10% pyrite, and rare chalcopyrite and molybdenite. The hole averaged 208 ppb Au and 1135 ppm Cu over 112.8 m.

DH12-88 was collared at L4325E/1680N, and drilled vertically. The hole intersected monzonite, commonly k-spar rich, averaging 497 ppb Au and 2345 ppm Cu over 44.2 m.

DH14-88 was located at L4400E/1600N, and drilled at an azimuth of 180°, at an angle of -60°. The hole intersected grey and k-spar rich monzonite, mineralized with 3% to 8% disseminated



DH7-88

Location : 4300E/1750N
Azimuth, Dip: Vertical
Total Depth : 112.8 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

SCALE 1 : 500

0 20 40 metres

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

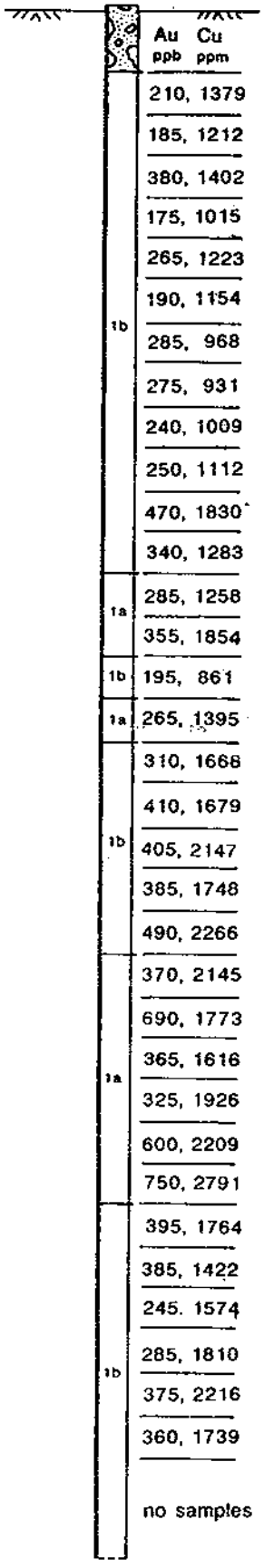
DH7-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11d

sample interval is 10 feet except where noted

el. of collar 1315 metres



DH8-88

Location : 4300E/1825N
Azimuth, Dip: Vertical
Total Depth : 112.8metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

SCALE 1 : 500

0 20 40 metres

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

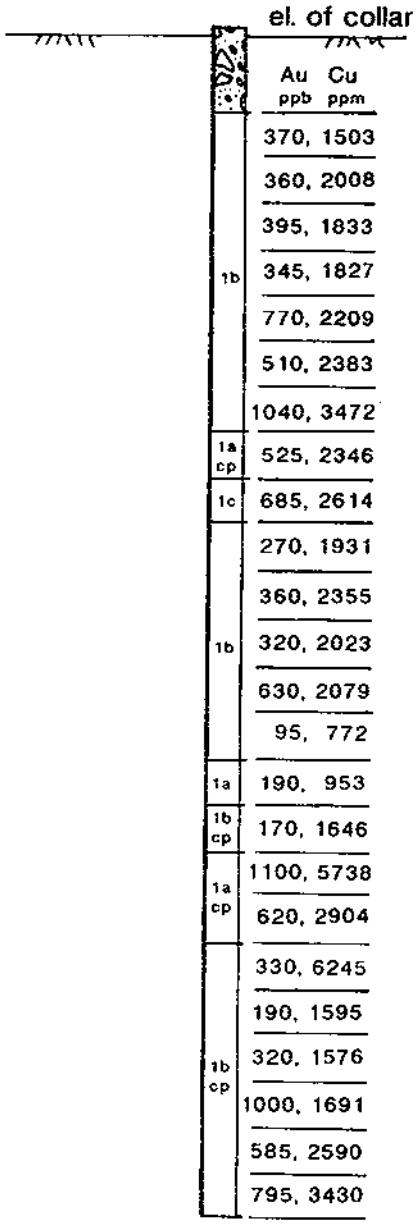
BY : SHANGRI-LA MINERALS LIMITED

DH8-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11e

sample interval is 10 feet except where noted



DH9-88

Location : 4250E/1900N
Azimuth, Dip: Vertical
Total Depth : 77.7 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

SCALE 1 : 500

0 20 40 metres

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

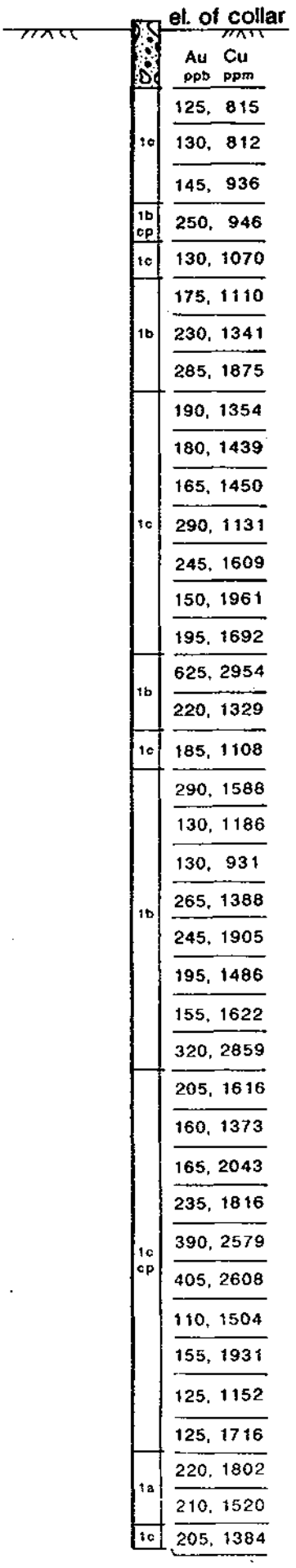
BY : SHANGRI-LA MINERALS LIMITED

DH9-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11f

sample interval is 10 feet except where noted



sample interval is 10 feet except where noted

DH10-88

Location : 4325E/1900N
Azimuth, Dip: Vertical
Total Depth : 122.0 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

SCALE 1 : 500

0 20 40 metres

KEMESS CREEK PROJECT

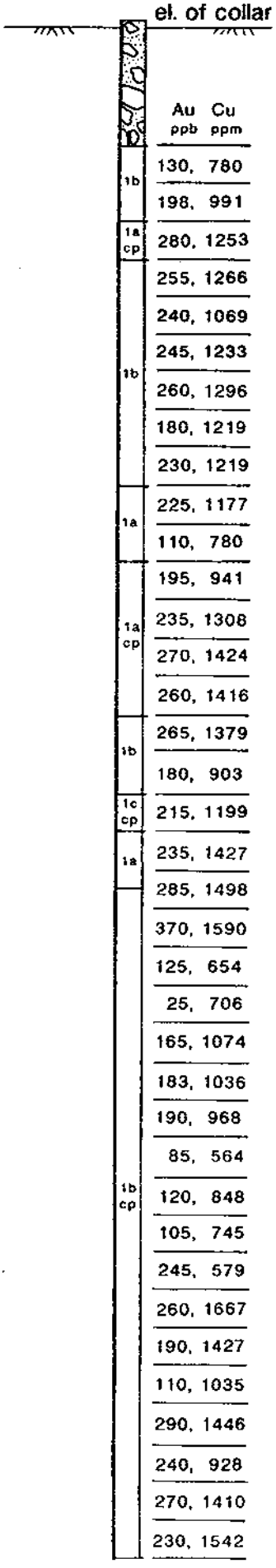
FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

DH 10-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11g



sample interval is 10 feet except where noted

DH11-88

Location : 4375E/1800N
Azimuth, Dip: Vertical
Total Depth : 122.0 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

SCALE 1 : 500

0 20 40 metres

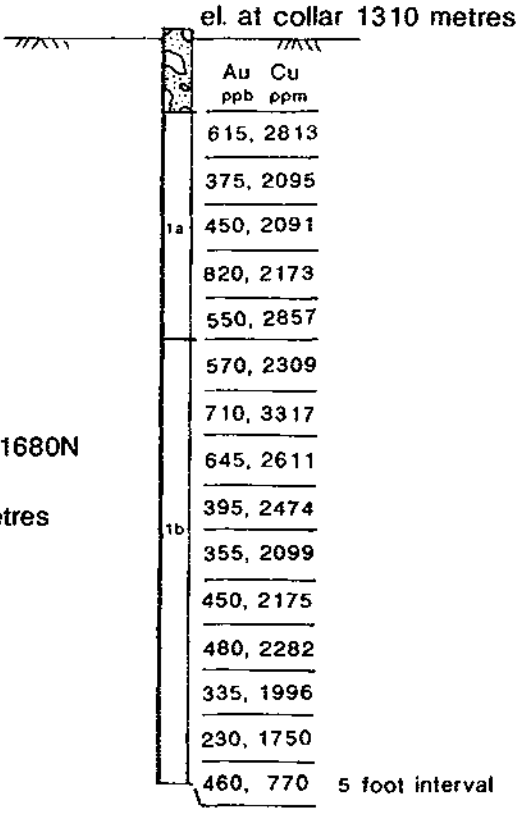
KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.,
BY : SHANGRI-LA MINERALS LIMITED

DH11-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11h



DH12-88

Location : 4325E/1680N
Azimuth, Dip: Vertical
Total Depth : 48.8 metres

SCALE 1 : 500

0 20 40 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

Sample interval is 10 feet except where noted

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

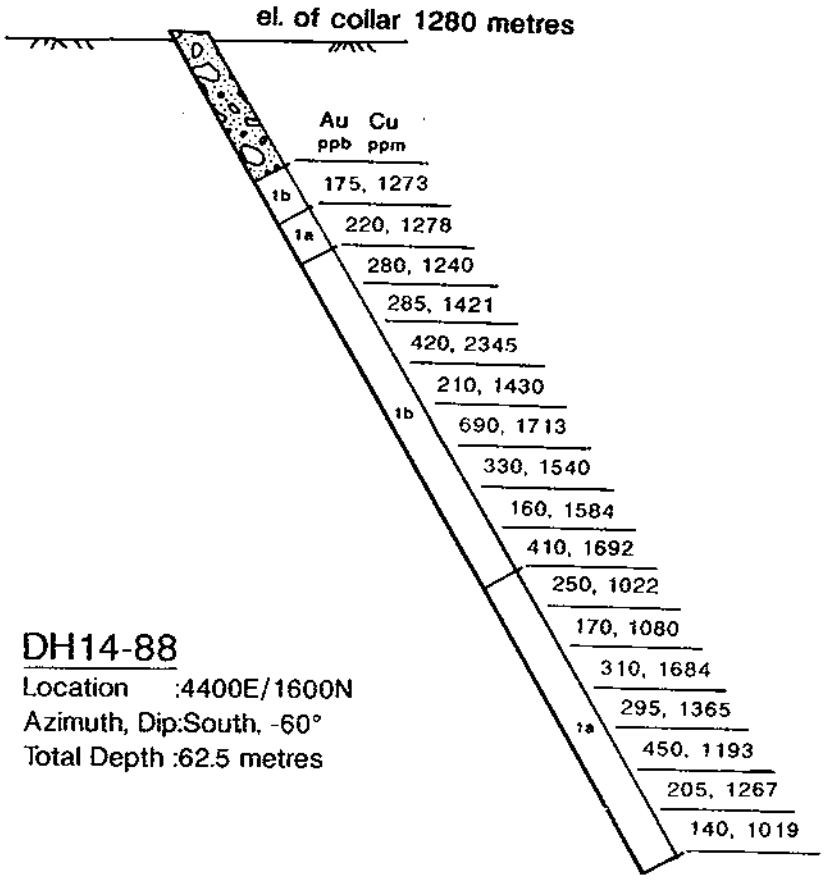
BY : SHANGRI-LA MINERALS LIMITED

DH12-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11i

Section looking east



DH14-88

Location :4400E/1600N
Azimuth, Dip:South, -60°
Total Depth :62.5 metres

SCALE 1 : 500

0 20 40 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

Sample interval is 10 feet except where noted

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

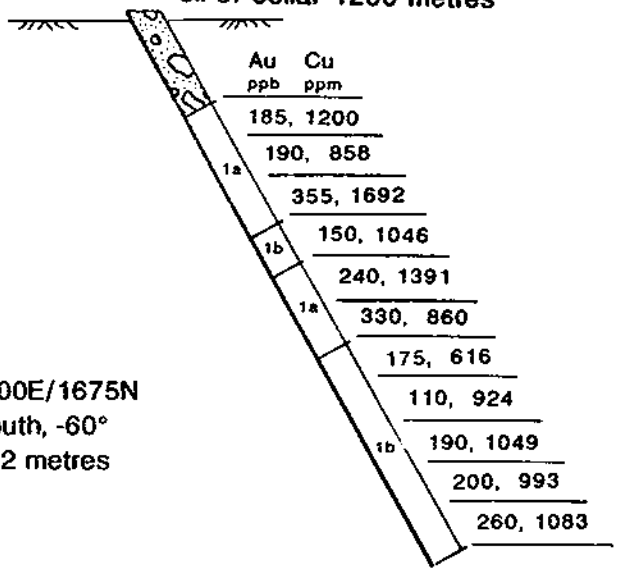
DH14-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11j

Section looking east

el. of collar 1260 metres



DH15-88

Location : 4500E/1675N
Azimuth, Dip: South, -60°
Total Depth : 41.2 metres

SCALE 1 : 500

0 20 40 metres

LEGEND

1a k-spar rich monzonite
1b grey monzonite
1c greenish-grey monzonite
Cu native copper
Cp chalcopyrite
overburden

Sample interval is 10 feet except where noted

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

DH15-88

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : NOVEMBER 1988
DRAWN BY : MJM, NJH	FIGURE No. 11k

pyrite and rare molybdenite. The hole averaged 294 ppb Au and 2345 ppm Cu over 51.8 m.

DH15-88 was located at L4500E/1675N. Again, the hole intersected grey and k-spar rich monzonite, with slightly higher pyrite concentrations than in DH14-88. The hole averaged 217 ppb Au and 1065 ppm Cu over 33.5 m. A sample of bedrock exposed while building the drill pad contained 430 ppm Cu and 110 ppb Au (KM9).

CONCLUSIONS AND RECOMMENDATION

The Kemess Creek property of St.Phillips Resources Inc. covers a gold-copper porphyry deposit which appears to extend at least 500 m east-west (open to the east) and 750 m north-south. It is thus a deposit of very major size and additional exploration is warranted.

It is recommended that five diamond drill holes totalling 3,500 feet (1,067 m) be drilled with NQ core in order to better understand the geology and to look for higher gold values. The holes should be located as follows:

Collar	Azimuth	Dip	Length
4050E/1930N	North	-45°	700 ft (213 m)
4062E/1760N	215°	-45°	700 ft (213 m)
4200E/1800N	North	-45°	700 ft (213 m)
4400E/1650N	North	-45°	700 ft (213 m)
4400E/1600N	South	-45°	700 ft (213 m)

If this program is successful then a second stage of drilling should be entered into. The second stage should consist of 7,000 ft (2,134 m) of diamond drilling.

Estimated Cost of Recommendations

Stage I

Diamond Drilling, all inclusive (mob-demob, camp costs) 3,500 ft (NQ core) @ $50/ft	$175,000
Bulldozer (roadwork, pads, drill moves)	20,000
Supervision, Geology, Sampling	12,000
Rock Sample Assays and Freight	10,000
Contingencies, 10% (approx)	23,000
Total	$240,000

Stage II

Diamond Drilling, all inclusive (mob-demob, camp costs) 7,000 ft (NQ core) @ $50/ft	$350,000
Bulldozer (roadwork, pads, drill moves)	40,000
Supervision, Geology, Sampling	24,000
Rock Sample Assays and Freight	20,000
Contingencies 10% (approx)	46,000
Total	$480,000

Signed at Vancouver, B.C.

E. Livgard, P.Eng.
22 December 1988

Nigel Hulme, B.Sc.
22 December, 1988

REFERENCES

Coffin, D., and Mertens, H.
1988 Assessment Report for Livgard Consultants Ltd. on the Kemess Creek Property; Shangri-La Minerals Limited.

Cooke, David
1985 Diamond Drilling on the Ron 4 Claim Group for Pacific Ridge Resources Corp. BCDM Assessment Rept. #14575.

Gabrielse, H, et al
Geology of Toodoggone River (94E) and Ware West-Half (94F): Open File Map 483; Geological Survey of Canada.

Hawkins, Greg
1982 Report on Preliminary Assessment and Recommended 1982 Work Program for Ron 1, 2 Claims and Ron 3, 4, 5, 6 Claims for Pacific Ridge Resources Corp.; Sawyer Consultants Inc.

Livgard, E.
1988 Report on the Ron #4 and Du Mineral Claims in the Toodoggone Area for St. Phillips Resources Inc.; Livgard Consultants Ltd.

Richards, T.
McConnel Creek Map-Area (94D/E): Open File Map 342; Geological Survey of Canada.

Scott, Alan
1984 Geophysical Assessment Report Induced Polarization and Apparent Resistivity Survey on the Ron 4 and Du Mineral Claims for Pacific Ridge Resources Corp. BCDM Assessment Rept. #13027, part 2 of 2.

Vanderpoll, Wim
1984 Geological, Geochemical and Geophysical Report on the Ron 3-11, Du, Overlooked Mineral Claims (Kemess Creek Property); Hi-Tec Resources Management Limited. BCDM Assessment Rept. #13027, part 1 of 2.

Von Einsiedel, C.
1983 Descriptions of Lithogeochemical and Soil Geochemical Surveys, Ron 3 and 4 Claims, Thutade Lake Area for Pacific Ridge Resources; Hi-Tec Resources Management Limited, BCDM Assessment Rept. #12485.

APPENDIX A
COST BREAKDOWN

COST BREAKDOWN FOR THE

KEMESS CREEK PROJECT, 1988
(For Assessment Purposes)

Camp Costs	$ 16,416.56
Excavator	45,053.00
Vehicle Rentals	3,222.53
Instrument Rentals	2,875.00
Fuel	6,154.29
Drilling	72,976.12
Staff Charges	28,223.17
Total Costs for Assessment Purposes	$174,920.67

APPENDIX B
CERTIFICATES

CERTIFICATE

I, Egil Livgard, of 1990 King Albert Avenue, Coquitlam, B.C., do hereby certify that;

I) I am a Consulting Geological Engineer, practicing from #616-837 West Hastings Street, Vancouver, B.C.

II) I am a graduate of the University of British Columbia, with a B.Sc., 1960 in Geological Sciences.

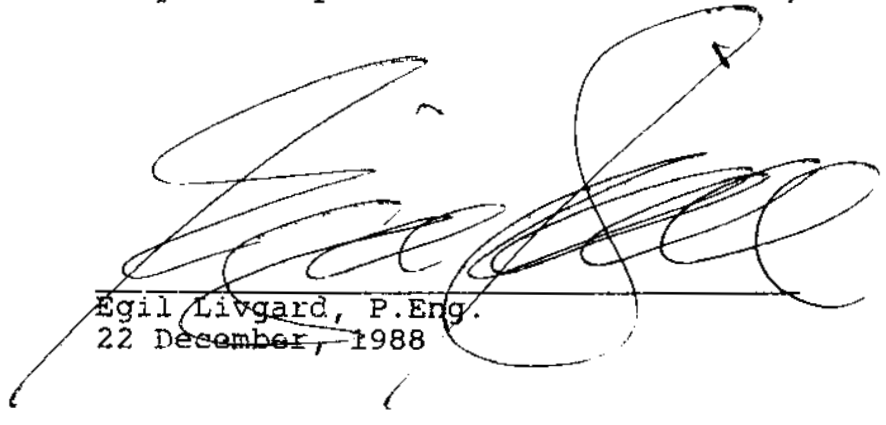
III) I am a registered member in good standing of the Association of Professional Engineers of the Province of British Columbia.

IV) I have practiced my profession for over 25 years.

V) I have no direct, indirect or contingent interest in the Kemess Creek Property (or any nearby property) which is held by St. Phillips Resources Ltd., nor in the securities of St. Phillips Resources Ltd., direct or indirect, nor in any associated company, nor do I intend to receive any such interest.

VI) This report dated 22 December, 1988 is based on a personal examination of the property on August 25, 1988, the work by Shangri-La Minerals Limited, and on references as listed.

Respectfully submitted at Vancouver, B.C.



Egil Livgard, P.Eng.
22 December, 1988

CERTIFICATE

I, Nigel J. Hulme, of the City of Vancouver, do hereby certify that;

I) I am a Consulting Geologist to the firm of Shangri-La Minerals Limited at #706-675 West Hastings Street, Vancouver, British Columbia, V6B 1N2.

II) I graduated in 1982 from Carleton University, Ottawa, Ontario with an Honours B.Sc., in Geology.

III) I have been involved in mineral exploration since 1979.

IV) This report is based on results of an exploration program conducted by the author and by a Shangri-La Minerals Limited crew between July and September, 1988.

V) I have no direct or indirect interest in the property nor in St. Phillips Resources Inc. nor do I expect to receive any.

VI) This report may be utilized by St. Phillips Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Nigel Hulme

Nigel J. Hulme, B.Sc.
22 December, 1988

CERTIFICATE

I, Martin St-Pierre, of the City of Vancouver in the Province of British Columbia, do hereby certify that;

I) I am a Consulting Geophysicist to the firm of Shangri-La Minerals Limited at #706-675 West Hastings Street, Vancouver, British Columbia, V6B 1N2.

II) I graduated in 1984 from McGill University in Montreal with a B.Sc. in Geophysics.

III) I have been involved in numerous mineral exploration programs since 1982.

IV) The geophysical portion of this report is based upon fieldwork carried out by myself and a crew from Shangri-La Minerals Limited for St. Phillips Resources Inc. during the month of July and August, 1988.

V) I have no direct or indirect interest in the property, nor in any securities of St. Phillips Resources Inc. or in any associated companies, nor do I expect to receive any.

VI) This report may be utilized by St. Phillips Resources Inc. for inclusion in a Prospectus or Statement of Material Facts.

Respectfully submitted at Vancouver, B.C.

Martin St-Pierre, B.Sc.
22 December, 1988

APPENDIX C
SAMPLE DESCRIPTIONS

Rock Sample Descriptions

		Cu ppm	Au ppb
KM1	Trench at L4200E/1725N	1739	440
	Grab sample of greenish quartz monzonite. 5% disseminated pyrite.		
KM2	Trench at L4200E/1725N	3901	635
	Grab sample of quartz monzonite. 5% chalcopyrite, pyrite in veinlets parallel veinlets of quartz.		
KM3	Trench at L4200E/1725N	3248	835
	Grab sample of pyrite associated with a large fracture in quartz monzonite. Fracture surface has iron red colour, contains clots and massive pyrite. Quartz is adjacent to fracture.		
KM4	Trench at L4200E/1725N	3899	574
	Grab sample of quartz monzonite containing narrow (.5 - 1 mm) fractures infilled with quartz. Chalcopyrite and pyrite are present in the fractures as well as disseminated in the rock.		
KM5	Trench at L4000E/2100N	56	5
	Grab sample of carbonaceous argillite.		
KM6	Trench at L4000E/2100N		
KM7	Trench at L4000E/2100N	33	5
	Grab sample of limonitic, grey argillite interbedded with grey chert.		
KM8	Trench at L4000E/2100N	21	5
	Grab sample at grey argillaceous rock showing wispy laminations of pyrite following bedding planes.		

		Cu ppm	Au ppb
KM9	Drill pad #15	430	110

Grab sample of quartz monzonite. Sample from intersection of two fractures. Clay alteration is associated with the fractures. Disseminated pyrite, 5%, chalcopyrite <1% in the rock. Pyrite up to 5% along the fractures.

APPENDIX D

DRILL LOGS

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 1-88

Elevation 1320 m Bearing North Depth 50.6 m Started 19/9/88 Completed 21/9/88

Location 4000E/1715N Dip -75° Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock is mainly k-spar altered monzonite				
0-13.7	OVerburden				
13.7-16.8	1 m of overburden in sample. Chips are dark red brown	DH1-88 45-55	5213	330	
	from weathering. All k-spar with approximately 1% of				
	biotite. Approximately 1% of sample by volume is native				
	copper.				
16.8-19.8	Chips are not so oxidized. Same amount of copper	DH1-88 55-65	8271	670	
19.8-22.9	As above.	DH1-88 65-75	2879	720	
22.9-25.9	Chips becoming lighter coloured due to less mafics.	DH1-88 75-85	1839	480	
	1 flake of native copper.				

HOLE NO DH 1-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
25.9-29.0	As above. Pale green plagioclase phenocrysts. No native copper in sample.	DH1-88 85-95	1049	445	
29.0-32.0	Largely k-spar chips. One chip of white plagioclase. 1-1/2% native copper by volume.	DH1-88 95-105	2608	560	
32.0-35.1	As above. Chips are larger, possibly rock is highly fractured. One chip of native copper.	DH1-88 105-115	2605	365	
35.1-36.6	1cm x 1/2cm chips of native copper. Otherwise same as 29.0m-32.0.	DH1-88 115-120	1900	255	
36.6-38.1	As above. Not as much native copper.	DH1-88 120-125	2480	540	
38.1-41.2	Large 1cm sized green-grey fine grained chips (possible dyke) similar to rock of DH2-88 and smaller, 3mm sized k-spar chips. 1/2-1% native copper by volume.	DH1-88 125-135	2237	390	

HOLE NO DH 1-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
41.2-44.2	Small, grey-pink chips (k-spar, plagioclase).	DH1-88 135-145	1858	360	
	Approximately half as much native copper.				
44.2-47.3	Large-sized quartz chips, also green-grey chips.	DH1-88 145-155	1784	315	
	Oxidized chips from surface caving.				
47.3-50.3	As above.	DH1-88 155-165	2093	235	
50.3-50.6	Grey and pink chips - plagioclase and k-spar.	DH1-88 165-166	1839	360	
50.6	End of hole.				
	Note: Carbonate alteration throughout hole				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 1A-88

Elevation 1320 m Bearing — Depth 36.0m Started 21/9/88 Completed 22/9/88

Location 3985E/1710N Dip Vertical Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock is mainly k-spar altered monzonite				
0-10.7	Overburden				
10.7-13.7	Red-brown weathered rock. Large sized, 1cm x 1cm,	DH1A-88 35-45	1252	225	
	chips show overburden-rock boundary within this				
	interval. Chips are granular, with crystals of				
	feldspar.				
13.7-16.8	As above. Chips becoming smaller.	DH1A-88 45-55	1075	390	
16.8-19.8	Chips of pink intrusive. 1% native copper by volume	DH1A-88 55-65	1779	450	
19.8-22.9	99% chips of pink intrusive, 1% red-brown oxidized	DH1A-88 65-75	661	400	
	chips. No native copper.				
22.9-25.9	All pink intrusive (k-spar + 2-5% plagioclase, 1%	DH1A-88 75-85	1039	336	
	biotite). 1 small chip native copper.				

HOLE NO DH 1A-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
25.9-29.0	As above, 2 small chips native copper.	DH1A-88 85-95	683	270	
29.0-32.0	As above. No native copper.	DH1A-88 95-105	1557	405	
32.0-35.1	As above. 1 rounded chip native copper.	DH1A-88 105-115	5023	500	
35.1-36.0	Pink intrusive, 50%, red-brown weathered chips, 50%.	DH1A-88 115-118	3365	335	
	Weathered chips are from surface caving.				
36.0	End of hole.				
	Note: Carbonate alteration throughout hole				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 2-88

Elevation 1310 m Bearing 120° Depth 83.8 m Started 15/9/88 Completed 19/9/88

Location 4062E/1725N Dip -70° Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock is monzonite				
0-19.8	Overburden.				
19.8-22.9	Approximately 1m of overburden in sample. Quartz	DH2-88 65-75	1540	440	
	monzonite chips, blue green with k-spar alteration.				
	Overall colour is greyish-pink. Few quartz chips.				
	Less than 1% pyrite. 1% biotite.				
22.9-25.9	As above.	DH2-88 75-85	1564	280	
25.9-29.0	As above.	DH2-88 85-95	1361	345	
29.0-32.0	As above.	DH2-88 95-105	2626	560	
32.0-35.1	As above.	DH2-88 105-115	2104	370	

HOLE NO DH 2-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
35.1-38.1	As above.	DH2-88 115-125	1543	295	
38.1-41.2	As above.	DH2-88 125-135	1712	220	
41.2-44.2	As above.	DH2-88 135-145	1512	250	
44.2-47.3	As above.	DH2-88 145-155	1610	260	
47.3-50.3	As above.	DH2-88 155-165	2308	430	
50.3-53.4	As above.	DH2-88 165-175	1738	390	
53.4-56.4	As above.	DH2-88 175-185	1904	350	
56.4-59.5	As above.	DH2-88 185-195	3043	830	

HOLE NO DH 2-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
59.5-62.5	Caving from top of hole has contaminated sample with	DH2-88 195-205	2125	910	
	overburden. Otherwise, sample is similar to previous.				
62.5-65.5	As above, no caving.	DH2-88 205-215	2021	275	
65.5-68.6	As above. Sample consists of nearly all fines, hard	DH2-88 215-225	1559	360	
	rock.				
68.6-71.6	Green-grey. Plagioclase rich. 1% pyrite.	DH2-88 225-235	1843	230	
71.6-74.7	As above.	DH2-88 235-245	2101	405	
74.7-77.7	As above.	DH2-88 245-255	1657	495	
77.7-80.8	As above.	DH2-88 255-265	1896	540	

HOLE NO DH 2-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
80.8-83.8	As above.	DH2-88 265-275	1602	330	
83.8	End of hole.				
	Note: Carbonate alteration throughout hole				

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 7-88

Elevation 1,315 m Bearing - Depth 112.8 m Started 4/9/88 Completed 6/9/88

Location 4300N/1750E Dip Vertical Drilled By Flite Drllg. Logged By N.Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite				
0-4.6	Overburden.				
4.6-7.6	Overall grey in colour. 20% fresh coloured k-spar	DH7-88 15-25	1130	270	
	chips. 3% pyrite, concentrated in the k-spar, some				
	veinlets of pyrite also.				
7.6-10.7	As above. Not as much k-spar. Minor epidote.	DH7-88 25-35	1318	260	
10.7-13.7	Pale grey to flesh coloured from plagioclase and	DH7-88 35-45	1025	185	
	k-spar. 5% pyrite.				
13.7-16.8	Grey chips with blue-green plagioclase phenocrysts.	DH7-88 45-55	1133	190	
	A few k-spar chips. 3% pyrite.				
16.8-19.8	As above. K-spar chips, 5%. Pyrite, 5%.	DH7-88 55-65	1590	280	

HOLE NO DH 7-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
19.8-22.9	As above. Minor quartz.	DH7-88 65-75	1426	250	
22.9-25.9	Dark grey. A few quartz chips and orange-pink k-spar	DH7-88 75-85	1649	620	
	chips. 2-3% pyrite.				
25.9-29.0	As above.	DH7-88 85-95	1536	310	
29.0-32.0	Orange-brown colour from k-spar (50% of sample) chips.	DH7-88 95-105	2718	980	
	3% pycite.				
32.0-35.1	Light grey colour, due to plagioclase. 10% k-spar.	DH7-88 105-115	1725	305	
	3% pyrite.				
35.1-38.1	As above.	DH7-88 115-125	1937	590	
38.1-41.2	As above.	DH7-88 125-135	2234	740	

HOLE NO DH 7-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
46.2-44.2	As above.	DH7-88 135-145	2404	795	
44.2-47.3	Dark grey chips. Minor k-spar. 2% pyrite.	DH7-88 145-155	1705	420	
47.3-50.3	Grey chips. 10% pink k-spar chips. 2% pyrite.	DH7-88 155-165	1896	480	
50.3-53.4	As above. Minor quartz chips.	DH7-88 165-175	1274	330	
53.4-56.4	As above. Pyrite veinlet 0.5 mm wide in one dark	DH7-88 175-185	1222	195	
	coloured chip.				
56.4-59.5	As above. Less k-spar.	DH7-88 185-195	1735	860	
59.5-62.5	Dark grey overall colour. 5% k-spar chips, quartz	DH7-88 195-205	1947	370	
	chips. 2% pyrite.				
62.5-65.5	As above.	DH7-88 205-215	1637	370	

HOLE NO DH 7-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
65.5-68.6	Grey overall colour. Minor quartz, k-spar, plagioclase	DH7-88 215-225	1774	360	
	chips.				
68.6-71.6	As above.	DH7-88 225-235	2406	375	
71.6-74.7	As above.	DH7-88 235-245	1814	510	
74.7-77.7	Light grey overall. Some orange-brown k-spar chips.	DH7-88 245-255	2726	505	
	Blue-green plagioclase phenocrysts. 2% pyrite.				
77.7-80.8	Light grey. Poor recovery. 5% pyrite.	DH7-88 255-265	2319	590	
80.8-83.8	As above. Better recovery.	DH7-88 265-275	2268	320	
83.8-86.9	Light grey and orange coloured, 40% k-spar chips,	DH7-88 275-285	2612	640	
	10% quartz chips. 2% pyrite.				

HOLE NO DH 7-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
86.9-89.9	Grey. Minor k-spar. 3% pyrite.	DH7-88 285-295	2084	265	
89.9-93.0	Light grey overall. 25% flesh coloured k-spar chips.	DH7-88 295-305	1849	390	
	Minor quartz. Blue-green plagioclase phenocrysts.				
	2% pyrite.				
93.0-96.0	As above.	DH7-88 305-315	2464	550	
96.0-99.1	Grey to dark grey chips. Only minor k-spar. 3%pyrite	DH7-88 315-325	1739	370	
99.1-102.1	Grey overall. 20% flesh coloured k-spar chips.	DH7-88 325-335	2853	395	
	Few quartz chips. 1-2% pyrite.				
102.1-105.1	Bit darker than previous. 3% pyrite.	DH7-88 335-345	1217	240	
105.1-108.2	Dark grey. 3% pyrite.	DH7-88 345-355	1381	140	

HOLE NO DH 7-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
108.1-112.8	Drillers report hole to 112.8 m but no samples				
	available past 108.2 m.				
	Note: Carbonate alteratoin throughout hole				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 8-88

Elevation 1315 m Bearing - Depth 112.8m Started 30/8/88 Completed 3/9/88

Location 4300E/1825N Dip Vertical Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite				
0-4.6	Overburden				
4.6-7.6	Light grey and flesh coloured. 10% quartz and k-spar	DH8-88 15-25	1379	210	
	chips. Less than 1% pyrite.				
7.6-10.7	Slightly darker. 1% pyrite.	DH8-88 25-35	1212	185	
10.7-13.7	Brown-grey. 5% k-spar chips. Plagioclase phenocrysts	DH8-88 35-45	1402	380	
	2% pyrite.				
13.7-16.8	As above. 10% k-spar chips.	DH8-88 45-55	1015	175	
16.8-19.8	As above. Finely disseminated pyrite.	DH8-88 55-65	1223	265	
19.8-22.9	Grey chips with k-spar phenocrysts. Chips are larger.	DH8-88 65-75	1154	190	
	3% pyrite.				

HOLE NO DH 8-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
22.9-25.4	As above. Pyrite on fracture surfaces.	DH8-88 75-85	968	285	
25.4-29.0	As above.	DH8-88 85-95	931	275	
29.0-32.0	AS above.	DH8-88 95-105	1009	240	
32.0-35.1	As above. K-spar chips, 5%	DH8-88 105-115	1112	250	
35.1-38.1	As above. Pale k-spar chips.	DH8-88 115-125	1830	470	
38.1-41.2	As above.	DH8-88 125-135	1283	340	
41.2-44.2	Dark grey chips, 5% pyrite. Deep coloured k-spar	DH8-88 135-145	1258	285	
	chips, 3%. K-spar coatings on fractures.				
44.2-47.3	As above.	DH8-88 145-155	1854	355	

HOLE NO DH 8-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
47.3-50.3	Grey chips. Minor k-spar. 3% pyrite.	DH8-88 155-165	861	195	
50.3-53.4	Pale in colour. Some k-spar coating. 3% pyrite.	DH8-88 165-175	1395	265	
53.4-56.4	Grey. K-spar chips, 5%. Pyrite, 3%	DH8-88 175-185	1668	310	
56.4-59.5	As above.	DH8-88 185-195	1679	410	
59.5-62.5	As above, slightly paler.	DH8-88 195-205	2147	405	
62.5-65.5	Grey to pale grey chips. 3% pyrite.	DH8-88 205-215	1748	385	
65.5-68.6	Grey. Minor k-spar chips. 3% pyrite.	DH8-88 215-225	2266	440	
68.6-71.6	Pale grey-brown. 2% k-spar chips. 5% pyrite.	DH8-88 225-235	2145	370	
71.6-74.7	As above.	DH8-88 235-245	1773	640	

HOLE NO DH 8-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
74.7-77.7	As above.	DH8-88 245-255	1616	365	
77.7-80.8	As above.	DH8-88 255-265	1926	325	
80.8-83.8	As above.	DH8-88 265-275	2209	600	
83.8-86.9	As above.	DH8-88 275-285	2791	750	
86.9-89.9	Grey overall colour. 5% pink k-spar chips. 3% pyrite.	DH8-88 285-295	1764	395	
89.9-93.0	As above.	DH8-88 295-305	1422	385	
93.0-96.0	As above.	DH8-88 305-315	1574	245	
96.0-99.1	As above.	DH8-88 315-325	1810	285	
99.1-102.1	As above.	DH8-88 325-335	2216	375	

HOLE NO DH 8-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
102.1-105.2	As above.	DH8-88 335-345	1739	360	
105.1-112.8	Drillers report drilling to 112.8 m but could not				
	produce samples. Samples either lost or a mistake was				
	made in footage.				
	Note: Carbonate alteration throughout hole				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 9-88

Elevation 1340 m Bearing - Depth 77.7m Started 23/8/88 Completed 25/8/88

Location 4250E/1900N Dip Vertical Drilled By Flite Drlg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
0-4.6	Overburden				
4.6-7.6	First 60cm of sample in overburden. 40% of sample is	DH9-88 15-25	1503	370	
	weathered rock, orange coloured, containing 5% pyrite				
	and few specks chalcopyrite. Unaltered rock is pale				
	grey-green to dark grey, containing k-spar, plagioclase				
	phenocrysts.				
7.6-10.7	Grey, pale green-grey. 5% k-spar fragments, 3-5%	DH9-88 25-35	2008	360	
	pyrite, ~2% quartz fragments.				
10.7-13.7	Large sized chips, pale grey in colour, silica rich,	DH9-88 35-45	1833	395	
	possibly from fracture. Pyrite between 5 and 10%.				
13.7-16.8	Poor recovery. Sample has lots of fines, grey,	DH9-88 45-55	1827	345	

quartz-rich chips. K-spar chips 5%, disseminated pyrite, 8%.

HOLE NO DH 9-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
16.8-19.8	Almost all of samples is in fine particles, indicating	DH9-88 55-65	2209	770	
	rock is hard and massive. K-spar 5-8%, sulphides 2%.				
19.8-22.9	Lots of fines in sample. 5-10% pyrite, 10% k-spar	DH9-88 65-75	2383	510	
	chips.				
22.9-25.9	As above. **0.033 oz/ton Au by fire assay.**	DH9-88 75-85	3472	1040	
25.9-29.0	Light grey-pink coloured. 10% k-spar chips. 8% pyrite	DH9-88 85-95	2346	525	
	One quartz chip contains less than .5mm sized				
	chalcopyrite veinlet.				
29.0-32.0	Slightly paler, and green. Fines in sample. 1% pyrite	DH9-88 95-105	2614	685	
32.0-35.1	Very poor recovery. Grey in colour, few quartz chips.	DH9-88 105-115	1931	270	
	2% k-spar chips. 1-2% pyrite.				

HOLE NO DH 9-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
35.1-38.1	As above, very poor recovery.	DH9-88 115-125	2355	360	
38.1-41.2	Poor recovery, dark grey in colour. 10% k-spar chips.	DH9-88 125-135	2023	320	
	Sulphides 5%.				
41.2-44.2	As above.	DH9-88 135-145	2074	630	
44.2-47.3	As above.	DH9-88 145-155	772	95	
47.3-50.3	Large amount of fines. 40% k-spar, 10% pyrite. A few	DH9-88 155-165	953	190	
	light grey-green chips also.				
50.3-53.4	Poor recovery. Mainly dark grey chips, small amount	DH9-88 165-175	1646	170	
	of k-spar chips. 5-10% pyrite, one speck of chalopyrite.				
53.4-56.4	30% k-spar chips. 6 chips show chalcopyrite in	DH9-88 175-185	5738	1100	
	quartz, probably from a quartz veinlet. 10% pyrite,				

0.035 oz/ton Au by fire assay.

HOLE NO DH 9-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
56.4-59.5	As above, but no chalcopyrite.	DH9-88 185-195	2904	620	
59.5-62.5	Dark grey. Very little k-spar or quartz. 5% pyrite.	DH9-88 195-205	6245	330	
62.5-65.5	As above.	DH9-88 205-215	1595	190	
65.5-68.6	As above. Small amount of chalcopyrite on quartz chips	DH9-88 215-225	1576	320	
68.6-71.6	Poor recovery - indicates rock is hard. 10% k-spar	DH9-88 225-235	1691	1000	
	chips. Sulphides 5%. **0.029 oz/ton Au by fire assay.**				
71.6-74.7	Dark grey overall colour. Weathered k-spar chips, 2%	DH9-88 235-245	2590	585	
	quartz chips 2%, pyrite, 3%, as disseminations and				
	coatings on quartz.				
74.7-77.7	As above. K-spar 5%. Green alteration on some chips -	DH9-88 245-255	3430	795	
	chlorite?				

HOLE NO DH9-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
74.7-77.7	Same interval as above. Sample collected by E.Livgard and shipped for assay	DH9-88 255-265			
	"B Results: .189% Cu, .01% Pb, .02% Zn, .05 oz/ton Ag, .014 oz/ton Ay B"				
77.7	Hole shut down at 77.7m due to poor recovery.				
	Note: Carbonate alteration throughout hole,				

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 10-88

Elevation 1330 m Bearing - Depth 122 m Started 25/8/88 Completed 30/8/88

Location 4325E/1900N Dip Vertical Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite.				
0-4.6	Overburden.				
4.6-7.6	Pale grey-green chips. 5-10% pyrites as	DH10-88 15-25	815	125	
	disseminations and fracture coatings.				
7.6-10.7	As above, k-spar phenocrysts 1mm-2mm.	DH10-88 25-35	812	130	
10.7-13.7	As above. A few dark grey chips.	DH10-88 35-45	936	145	
13.7-16.8	Dark grey chips. 5% pyrite. Chalcopyrite(?) on	DH10-88 45-55	946	250	
	few quartz chips.				
16.8-19.8	Pale grey-green chips. K-spar phenocrysts 1mm-2mm	DH10-88 55-65	1070	130	
	3% pyrite.				

HOLE NO DH 10-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
19.8-22.9	Dark grey chips. Very few k-spar chips. 3-5% pyrite.	DH10-88 65-75	1110	175	
22.9-25.9	Mainly dark grey chips. 1% k-spar chips. 5% pyrite,	DH10-88 75-85	1341	230	
	mainly as coatings.				
25.9-29.0	Pale grey. 10% pyrite.	DH10-88 85-95	1875	285	
29.0-32.0	Dark grey-green colour. 1% k-spar chips, k-spar	DH10-88 95-105	1354	190	
	phenocrysts also. Minor quartz chips. 8% pyrite.				
32.0-35.1	As above.	DH10-88 105-115	1439	180	
35.1-38.1	As above.	DH10-88 115-125	1450	165	
38.1-41.2	As above.	DH10-88 125-135	1131	290	
41.2-44.2	As above. Minor quartz.	DH10-88 135-145	1609	245	

HOLE NO DH 10-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
44.2-47.3	As above.	DH10-88 145-155	1961	150	
47.3-50.3	As above.	DH10-88 155-165	1692	195	
50.3-53.4	Grey coloured chips. Minor quartz, k-spar chips. 3%	DH10-88 165-175	2954	625	
	pyrite.				
53.4-56.4	As above, colour darkens.	DH10-88 175-185	1324	220	
56.4-59.5	Dark grey-green. 3% pyrite.	DH10-88 185-195	1108	185	
59.5-62.5	Grey. Mior qurtz, k-spar chips. 5% pyrite.	DH10-88 195-205	1588	290	
62.5-65.5	As above. Driller reports fractured rock from 64 m -	DH10-88 205-215	1186	130	
	88.4 m.				
65.5-68.6	Dark grey. 3% pyrite.	DH10-88 215-225	931	130	

HOLE NO DH 10-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
68.6-71.6	As above.	DH10-88 225-235	1388	265	
76.1-74.7	Poor recovery. Dark grey overall colour. 1% quartz	DH10-88 235-245	1905	245	
	and k-spar chips.				
74.7-77.7	As above. 5% k-spar.	DH10-88 245-255	1486	195	
77.7-80.8	Dark grey and grey-green. Minor quartz and k-spar	DH10-88 255-265	1622	155	
	chips. 3% pyrite.				
80.8-83.8	As above.	DH10-88 265-275	2859	320	
83.8-86.9	Grey-green overall colour. Minor amount of k-spar	DH10-88 275-285	1616	205	
	chips. 3% pyrite.				
86.9-89.9	Pale grey-green. Pale k-spar chips. 3% pyrite.	DH10-88 285-295	1373	160	

HOLE NO DH 10-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
89.9-93.0	As above.	DH10-88 295-305	2043	165	
93.0-96.0	As above. Molydbenite on a few quartz chips.	DH10-88 305-315	1816	235	
96.0-99.1	Mainly dark grey and green-grey chips. Minor quartz	DH10-88 315-325	2579	390	
	and k-spar chips. Dark grey chip with 1-2mm wide				
	carbonate veinlet has speck of chalcopyrite within				
	streak of pyrite. 8% pyrite overall. Pyrite streak				
	crosscuts to veinlet.				
99.1-102.1	As above. Some epidotized chips. No visible	DH10-88 325-335	2608	405	
102.1-105.2	As above. No epidote or chalcopyrite.	DH10-88 335-345	1504	110	
105.2-108.2	Pale grey-green. A few quartz-carbonate chips. 10%	DH10-88 345-355	1931	155	
	pyrite.				

HOLE NO DH 10-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
108.2-111.3	Dark grey-green. 10% pyrite disseminated and in	DH10-88 355-365	1152	125	
	veinlets.				
111.3-114.3	As above. Some pale, epidotized plagioclase chips.	DH10-88 365-375	1716	125	
114.3-117.4	20% pale, flesh coloured k-spar chips. Minor	DH10-88 375-385	1802	220	
	plagioclase chips. Rest are dark grey-green. 8%				
	pyrite in dark grey-green chips, 2% pyrite in k-spar				
	chips.				
117.4-120.4	As above, 10% k-spar chips.	DH10-88 385-395	1520	210	
120.4-122.0	Dark grey-green. Minor plagioclase, k-spar chips.	DH10-88 395-400	1384	205	
	1-2% pyrite.				
122.0	End of hole.				
	Note: Carbonate alteration throughout hole.				

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 11-88

Elevation 1315 m Bearing - Depth 122m Started 20/8/88 Completed 22/8/88

Location 4375E/1800N Dip Vertical Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite.				
0-9.1	Overburden				
9.1-12.2	Grey colour, some chips of k-spar. Disseminated	DH11-88 30-40	780	130	
	pyrite, 3%, heavier concentrations on a few chips and				
	on fractures.				
12.2-15.2	As above, pyrite up to 10%	DH11-88 40-50	991	198	
15.2-18.3	Paler in colour, with more k-spar, quartz chips.	DH11-88 50-60	1253	280	
	Molybdenite on a quartz chip, speck of chalcopyrite				
	on a k-spar chip. 10% pyrite.				
18.3-21.3	Rock is darker, more plagioclase, less k-spar.	DH11-88 60-70	1266	255	
	10% pyrite.				

HOLE NO DH 11-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
21.3-24.4	As above.	DH11-88 70-80	1069	240	
24.4-27.4	As above, minor quartz. Driller reports clay layer	DH11-88 80-90	1233	245	
	from 24.4m-25.0m (due to fault?).				
27.4-30.5	As above.	DH11-88 90-100	1290	260	
30.5-33.5	As above.	DH11-88 100-110	1219	180	
33.5-36.6	As above.	DH11-88 110-120	1219	230	
36.6-39.6	K-spar increases slightly.	DH11-88 120-130	1177	225	
39.6-42.7	As above. K-spar decreases in lower 3m of sample.	DH11-88 130-140	780	110	
42.7-45.7	As above.	DH11-88 140-150	941	195	

HOLE NO DH 11-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
45.7-48.8	Slight k-spar increase. From 47.2m-48.8m very poor	DH11-88 150-160	1308	235	
	recovery, quartz chips increases to 5%. One speck of				
	chalcopyrite.				
48.8-51.8	K-spar increases, sulphides remain at 10%.	DH 11-88 160-170	1424	270	
51.8-54.9	As above.	DH11-88 170-180	1416	260	
54.9-57.9	Grey chips, 5% pyrite, minor k-spar, blue-green	DH11-88 180-190	1379	265	
	plagioclase, sand layer (fracture) between 56.4m and				
	57.4m				
57.9-61.0	As above.	DH11-88 190-200	903	180	
61.0-64.0	As above. Chalcopyrite on quartz chips. Green-grey	DH11-88 200-210	1199	215	
	colour overall. 3% pyrite, less than 1% chalcopyrite.				

HOLE NO DH 11-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
64.0-67.1	K-spar increases. 1% pyrite.	DH11-88 210-220	1427	235	
67.1-70.1	K-spar increases to 20% of sample.	DH11-88 220-230	1498	285	
70.1-73.2	Large decrease in k-spar between 71.6 and 73.2m.	DH11-88 230-240	1590	370	
73.2-76.2	K-spar chips 5%. Plagioclase chips 5%. Small amount	DH11-88 240-250	659	125	
	of quartz. 2%-3% pyrite.				
76.2-79.3	As above.	DH11-88 250-260	706	25	
79.3-82.3	Pale grey to slightly pink. 10% k-spar chips. 3% pyrite	DH11-88 260-270	1074	165	
82.3-85.4	As above.	DH11-88 270-280	1036	183	
85.4-88.4	As above, blue-green tint to plagioclase.	DH11-88 280-290	968	190	

HOLE NO DH 11-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
88.4-91.5	As above.	DH11-88 290-300	564	85	
91.5-94.5	As above.	DH11-88 300-310	848	120	
94.5-97.6	As above but returns are very fine - indicating rock	DH11-88 310-320	745	105	
	is hard and possibly siliceous.				
97.6-100.6	As above. Speck of molybdenite on quartz chip	DH11-88 320-330	579	245	
100-6-103.7	Pale grey-brown. Small amount k-spar. 2% pyrite.	DH11-88 330-340	1667	260	
103.7-106.7	As above. Plagioclase is light blue-green.	DH11-88 340-350	1427	190	
106.7-109.8	K-spar decreases.	DH11-88 350-360	1035	110	
109.8-112.8	As above. One chip shows speck of chalcopyrite.	DH11-88 360-370	1446	290	

HOLE NO DH 11-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
112.8-115.9	K-spar decreases. 1% pyrite, no visible chalcopyrite.	DH11-88 370-380	928	240	
115.9-118.9	As above. Calcite chip coated with molybdenite.	DH11-88 380-390	1410	270	
118.9-122.0	As above.	DH11-88 390-400	1542	230	
122.0	End of hole.				
	Note: Carbonate found throughout hole.				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 12-88

Elevation 1310 m Bearing - Depth 48.8m Started 22/9/88 Completed 24/9/88

Location 4325E/1680N Dip Vertical Drilled By Flite Drllg. Logged By N.Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite.				
0-4.6	Overburden				
4.6-7.6	Mainly grey chips. 15% pink k-spar chips. Quartz	DH12-88 15-25			
	stringers. Epidote alteration of plagioclase.				
	Weathered chips from overburden-rock boundary. 5% pyrite.				
7.6-10.7	As above. One quartz chip. All fresh rock	DH12-88 25-35			
10.7-13.7	As above.	DH12-88 35-45			
13.7-16.8	As above.	DH12-88 45-55			
16.8-19.8	As above. Some weathered chips.	DH12-88 55-65			
16.8-22.9	As above. 10% k-spar chips. No weathered chips.	DH12-88 65-75			

HOLE NO DH 12-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
22.9-25.9	As above.	DH12-88 75-85			
25.9-29.0	As above.	DH12-88 85-95			
29.0-32.0	As above.	DH12-88 95-105			
32.0-35.1	As above.	DH12-88 105-115			
35.1-38.1	As above.	DH12-88 115-125			
38.1-41.2	Sample contains more plagioclase and less k-spar.	DH12-88 125-135			
	Driller reports native copper in fracture at 38.4m but				
	none seen in sample.				
41.2-44.2	Mainly grey chips. 10% pink k-spar chips.	DH12-88 135-145			
44.2-47.3	As above.	DH12-88 145-155			

HOLE NO DH 12-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
47.3-48.8	As above.	DH12-88 155-160			
48.8	End of hole.				
	Note: Carbonate alteration throughout hole.				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 14-88

Elevation 1280 m Bearing South Depth 62.5m Started 12/9/88 Completed 14/9/88

Location 4400E/1600N Dip -60° Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite.				
0-10.7	Overburden.				
10.7-13.7	Sample contains 1m of overburden. Mainly grey chips,	DH14-88 35-45	1273	175	
	a few k-spar chips. 5% pyrite.				
13.7-16.8	Grey and pink coloured, 50% k-spar. Plagioclase	DH14-88 45-55	1278	220	
16.8-19.8	Light grey. K-spar content decreases. 5% pyrite.	DH14-88 55-65	1240	280	
19.8-22.9	Same as 13.7-16.8. No molybdenite.	DH14-88 65-75	1421	285	
22.9-25.9	As above. 5% pyrite	DH14-88 75-85	2345	420	
25.9-29.0	As above.	DH14-88 85-95	1430	210	

HOLE NO DH 14-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
29.0-32.0	As above.	DH14-88 95-105	1713	690	
32.0-35.1	As above.	DH14-88 105-115	1540	330	
35.1-38.1	As above. Two chips of dark silica	DH14-88 115-125	1584	160	
38.1-41.2	Dark grey. 3% pyrite.	DH14-88 125-135	1692	410	
41.2-44.2	Pinkish-grey. K-spar content increases. Larger chips	DH14-88 135-145	1022	250	
	of dark grey. 4% pyrite.				
44.2-47.3	As above.	DH14-88 145-155	1080	170	
47.3-50.3	As above.	DH14-88 155-165	1684	310	
50.3-53.4	As above. One large chip of red-brown oxidized rock,	DH14-88 165-175	1365	295	
	probably from surface caving of hole.				

HOLE NO DH 14-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
53.4-56.4	As above.	DH14-88 175-185	1193	450	
56.4-59.5	As above.	DH14-88 185-195	1267	205	
59.5-62.5	As above.	DH14-88 195-205	1019	140	
62.5	End of hole.				
	Note: carbonate alteration throughout hole.				

DRILL RECORD

CLAIM Ron 4 PROPERTY Kemess HOLE NO DH 15-88

Elevation 1,260m Bearing South Depth 41.2m Started 7/9/88 Completed 8/9/88

Location 4,500E/1,675N Dip -60° Drilled By Flite Drllg. Logged By N. Hulme

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
	Rock type is monzonite.				
0-7.6	Overburden				
7.6-10.7	Brown-grey from k-spar. Blue green plagioclase	DH15-88 25-35	1200	185	
	phenocrysts. 5% pyrite.				
10.7-13.7	As above.	DH15-88 35-45	858	190	
13.7-16.8	As above.	DH15-88 45-55	1692	355	
16.8-19.8	Mainly light grey chips. 5% pyrite.	DH15-88 55-65	1046	150	
19.8-22.9	Similar to smaple 25-35. Large chips, red-brown	DH15-88 65-75	1391	240	
	iron streaks. Possible caving.				
22.9-25.9	As above. 8% pyrite.	DH15-88 75-85	860	330	

HOLE NO DH 15-88

DEPTH metres	DESCRIPTION	SAMPLE NO.	Cu ppm	Au ppb	OTHER
25.9-29.0	Light grey. 5% k-spar chips. 5-10% pyrite.	DH15-88 85-95	616	175	
29.0-32.0	As above.	DH15-88 95-105	924	110	
32.0-35.1	As above. A bit darker.	DH15-88 105-115	1049	190	
35.1-38.1	Grey. 5% k-spar, 5% pyrite. Very hard rock.	DH15-88 115-125	993	200	
38.1-41.2	As above.	DH15-88 125-135	1083	260	
41.2	Hole shut down due to problems with caving.				
	Note: Carbonate alteration throughout hole.				

APPENDIX E

ANALYTICAL RESULTS

COMPANY: SHANGRI-LA MINERALS
PROJECT NO:
ATTENTION: J.GRAHAM/N.HULME

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 3
FILE NO: 81-87/P1
DATE:AUGUST 23, 1988

(VALUES IN PPM) % TYPE ROCK GEOCHEM %

	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
KM1	.4	26720	20	5	466	1.2	1	10920	.7	31	1239	35160
KM2	2.6	14470	9	11	41	1.0	6	2540	.5	68	3901	79650
KM3	1.2	15940	22	9	141	1.1	1	4980	1.7	40	3248	49450
KM4	.6	27030	7	7	576	1.2	3	4210	.9	24	3699	38920

COMPANY: SHANGRI-LA MINERALS
PROJECT NO:
ATTENTION: J.GRAHAM/R.HULME

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM #

FILE NO: 81-87/P1
DATE:AUGUST 23, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
KM1	5400	51	9190	688	32	540	5	860	22	3	10	1
KM2	4540	47	4550	177	172	580	3	790	22	2	5	1
KM3	4590	47	5340	359	54	490	3	670	18	1	5	1
KM4	6870	50	10970	449	27	610	7	960	16	1	11	1

COMPANY: SHANGRI-LA MINERALS
PROJECT NO:
ATTENTION: J.GRAHAM/N.HULME

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 3 OF 3
FILE NO: 81-87/P1
DATE:AUGUST 23, 1988

* TYPE ROCK GEOCHEM *

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
KM1	1	57.4	174	1	2	2	63	440
KM2	1	35.2	104	1	1	1	78	635
KM3	1	36.8	135	1	1	2	125	835
KM4	1	78.8	88	3	1	1	67	575

COMPANY: SHANGRI LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-1148R/1+2

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | # TYPE ROCK GEOCHEM # | DATE:SEPT 13, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
KM5	1.5	9530	30	3	355	1.2	1	6880	1.4	6	56	20080
KM6	1.0	12180	32	1	666	1.0	3	14330	1.0	7	15	15400
KM7	.9	27920	86	7	528	1.9	4	4150	4.6	8	33	30480
KM8	.5	23840	84	5	369	1.8	4	13760	6.9	21	21	33530
KM9	1.2	21830	10	3	193	1.0	4	4270	.7	9	430	32910
DH-11-8830-40	1.3	21250	7	4	257	1.1	2	10860	.4	20	780	44400
DH-11-8840-50	1.6	21390	8	4	237	.9	2	9770	.2	22	991	47030
DH-11-8850-60	1.6	26260	14	7	205	1.4	2	9880	1.0	21	1253	42730
DH-11-8860-70	1.5	20010	11	5	143	1.2	1	9140	1.1	28	1266	57270
DH-11-8870-80	1.5	16840	17	5	166	1.0	3	7530	1.4	26	1069	55950
DH-11-8880-90	1.9	20610	10	4	233	1.0	2	8380	1.1	19	1233	39270
DH-11-8890-100	1.9	15780	11	4	187	1.0	2	11460	1.3	25	1290	52410
DH-11-88100-110	1.9	20980	13	5	259	1.1	4	11290	1.0	20	1219	43910
DH-11-88110-120	1.9	22270	15	5	294	1.1	5	8830	1.0	19	1219	42700
DH-11-88120-130	1.7	17130	4	4	150	1.0	3	10020	.8	32	1177	68190
DH-11-88130-140	1.4	15840	10	4	156	.6	4	10420	.8	24	780	61930
DH-11-88140-150	1.7	18990	7	4	335	1.0	4	11760	.6	22	941	43140
DH-11-88150-160	2.1	24490	8	5	289	1.1	4	17090	1.3	18	1308	36030
DH-11-88160-170	2.2	16620	9	4	268	.9	4	10810	.1	21	1424	36500
DH-11-88170-180	2.3	15670	23	5	249	.8	3	10270	.2	25	1416	40920
DH-11-88180-190	2.1	15830	17	4	233	.9	4	10760	.6	27	1379	40680
DH-11-88190-200	1.3	24130	8	5	353	1.1	3	11820	.6	18	903	41620
DH-11-88200-210	1.8	15530	16	3	207	.8	3	12510	1.2	25	1199	40890
DH-11-88210-220	1.8	18000	13	5	248	1.1	3	10010	.5	20	1427	38740
DH-11-88220-230	1.9	21210	11	6	164	1.2	3	13920	.2	27	1498	47350
DH-11-88230-240	1.9	16650	11	5	211	1.1	1	13970	1.3	25	1590	48330
DH-11-88240-250	1.5	15550	6	3	306	1.1	4	13740	1.2	17	659	44270
DH-11-88250-260	1.6	19170	15	7	272	.8	2	11820	.7	20	706	46850
DH-11-88260-270	1.7	18070	14	19	230	1.2	3	13560	.3	23	1074	42820
DH-11-88270-280	1.9	18360	19	6	264	1.1	4	12610	.5	23	1036	41020
DH-11-88280-286	1.7	14020	14	4	115	1.0	2	11430	.2	26	968	47980
DH-11-88290-295	1.5	14110	11	3	151	1.0	4	11400	.7	22	564	45540
DH-11-88300-310	1.8	15340	16	5	137	1.0	4	12970	1.0	24	848	48730
DH-11-88310-320	1.7	19960	12	5	179	.8	4	15090	1.2	19	745	43210
DH-11-88320-330	1.5	12710	15	3	108	.9	4	8320	.4	22	579	49220

COMPANY: SHANGRI LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 2 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-114BR/1+2

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:SEPT 13, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
KM5	3150	10	3460	74	42	150	22	3130	17	1	14	1
KM6	1340	21	10160	604	9	90	15	210	17	1	4	1
KM7	7320	25	10750	251	18	160	8	360	26	1	5	1
KM8	4610	26	13110	493	12	180	27	360	31	1	2	1
KM9	4900	12	9130	148	46	260	2	1000	14	1	11	1
DH-11-8830-40	5670	11	8640	266	47	530	1	750	27	3	23	1
DH-11-8840-50	6030	11	8610	250	53	550	2	910	22	8	23	1
DH-11-8850-60	6950	12	10020	235	175	640	3	910	16	32	27	1
DH-11-8860-70	5830	11	8690	226	150	600	1	930	27	6	19	1
DH-11-8870-80	5050	10	7480	184	111	590	2	970	26	5	18	1
DH-11-8880-90	5830	11	9370	223	64	690	2	910	43	11	24	1
DH-11-8890-100	4680	10	8080	245	86	580	1	910	29	1	17	1
DH-11-88100-110	5660	11	9590	259	94	660	2	870	24	3	21	1
DH-11-88110-120	5550	12	9580	214	139	670	1	930	23	1	24	1
DH-11-88120-130	4730	10	8810	213	82	580	1	850	25	1	18	1
DH-11-88130-140	4830	10	7840	177	48	560	1	800	17	1	16	1
DH-11-88140-150	5660	10	9490	234	46	640	2	860	15	1	21	1
DH-11-88150-160	6560	14	11770	316	103	890	3	1060	18	1	31	1
DH-11-88160-170	4710	11	8740	233	98	660	2	940	21	1	21	1
DH-11-88170-180	4250	11	8290	233	163	560	2	930	17	3	22	1
DH-11-88180-190	4010	11	7830	239	121	720	2	940	17	1	21	1
DH-11-88190-200	6070	12	6910	247	50	510	1	1190	15	15	26	1
DH-11-88200-210	3930	11	7510	238	107	570	1	920	11	1	19	1
DH-11-88210-220	4670	11	8910	206	172	600	1	1030	14	1	21	1
DH-11-88220-230	5440	12	9050	242	186	640	1	990	16	1	25	1
DH-11-88230-240	5070	10	7750	224	164	620	1	1200	19	1	18	1
DH-11-88240-250	4480	10	8010	244	48	600	1	840	25	1	19	1
DH-11-88250-260	6150	9	6890	166	179	650	1	990	54	1	15	1
DH-11-88260-270	5190	10	7540	201	145	650	2	1050	33	1	19	1
DH-11-88270-280	5100	9	6660	155	219	650	2	860	23	3	20	1
DH-11-88280-286	3940	9	6760	171	125	580	3	790	26	1	16	1
DH-11-88290-295	3880	9	7560	199	51	670	1	750	19	3	15	1
DH-11-88300-310	4180	10	7830	216	162	640	2	860	20	1	19	1
DH-11-88310-320	4880	11	9070	260	62	880	2	950	18	4	23	1
DH-11-88320-330	3410	8	5960	154	80	530	1	700	17	2	17	1

COMPANY: SHANGRI LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 3 OF 3
PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-114BR/1+2
ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:SEPT 13, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
KM5	1	453.3	162	1	1	4	200	5
KM6	9	16.5	43	7	1	5	120	5
KM7	1	82.9	100	8	1	1	27	5
KM8	3	181.1	48	6	1	2	63	5
KM9	2	42.9	27	6	1	2	62	110
DH-11-8830-40	1	58.4	139	2	4	2	75	130
DH-11-8840-50	1	51.9	166	1	4	2	89	198
DH-11-8850-60	1	59.7	62	1	1	1	61	280
DH-11-8860-70	1	50.6	179	3	4	2	99	255
DH-11-8870-80	1	47.7	114	3	2	2	92	240
DH-11-8880-90	1	58.0	103	1	1	2	67	245
DH-11-8890-100	1	53.0	84	3	2	2	69	260
DH-11-88100-110	2	63.1	48	1	1	2	63	180
DH-11-88110-120	1	64.2	46	2	1	3	84	230
DH-11-88120-130	1	56.2	54	4	1	1	53	225
DH-11-88130-140	3	52.4	32	3	1	1	55	110
DH-11-88140-150	1	64.7	125	1	1	1	50	195
DH-11-88150-160	2	80.7	114	1	3	1	61	235
DH-11-88160-170	1	61.6	132	3	1	2	77	270
DH-11-88170-180	1	62.4	130	4	1	2	60	260
DH-11-88180-190	1	58.8	188	2	1	2	87	265
DH-11-88190-200	1	57.9	104	1	1	2	86	180
DH-11-88200-210	1	51.8	41	1	1	2	65	215
DH-11-88210-220	1	52.3	52	3	1	2	79	235
DH-11-88220-230	3	59.6	38	1	1	1	81	285
DH-11-88230-240	1	46.2	35	2	1	3	109	370
DH-11-88240-250	1	52.5	262	1	1	2	71	125
DH-11-88250-260	3	38.2	189	2	1	6	143	25
DH-11-88260-270	1	42.5	189	1	1	4	102	165
DH-11-88270-280	2	38.4	156	1	1	5	122	183
DH-11-88280-286	1	42.7	144	2	2	1	68	190
DH-11-88290-295	1	49.4	88	3	2	2	79	85
DH-11-88300-310	1	53.2	122	1	3	1	70	120
DH-11-88310-320	1	59.6	84	2	2	2	81	105
DH-11-88320-330	6	37.7	119	3	4	2	79	245

COMPANY: SHANGRI LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3
PROJECT NO: | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-121R/P1+2
ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:SEPT 12, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DH-9-8815-25	2.3	11880	11	2	142	1.0	1	8620	.4	28	1503	42520
DH-9-8825-35	2.7	15520	10	3	154	1.1	1	11050	.3	29	2008	46450
DH-9-8835-45	2.6	16940	13	3	251	1.4	1	11370	.1	21	1833	35480
DH-9-8845-55	2.5	16870	4	4	203	1.1	1	11050	.2	29	1827	44020
DH-9-8855-65	3.1	16390	1	3	120	.9	2	13660	.4	22	2209	33230
DH-9-8865-75	2.8	22960	1	6	445	1.2	2	12090	1.2	23	2383	40100
DH-9-8875-85	4.0	14230	11	3	149	1.0	4	11890	1.2	27	3472	36990
DH-9-8885-95	2.8	13560	11	4	133	1.1	1	10310	.1	24	2346	43600
DH-9-8895-105	3.4	17550	9	3	166	1.2	1	12610	.5	24	2614	39440
DH-9-88105-115	2.8	13760	2	3	122	1.0	3	11490	.3	25	1931	41120
DH-9-88115-125	2.9	14940	10	7	122	1.0	1	12120	1.3	38	2355	58670
DH-9-88125-135	2.8	21240	2	5	267	1.2	2	15480	.5	23	2023	38040
DH-9-88135-145	2.7	10350	9	6	93	.9	2	15710	.7	24	2079	35270
DH-9-88145-155	2.1	12200	13	2	142	.9	5	7480	1.1	22	772	35330
DH-9-88155-165	2.4	12720	11	2	142	1.1	6	9490	1.0	20	953	31770
DH-9-88165-175	2.7	13410	11	2	113	1.1	4	13080	.3	24	1646	37580
DH-9-88175-185	6.1	13330	16	6	141	1.1	1	13010	1.3	36	5738	52190
DH-9-88185-195	3.4	13270	10	4	150	1.0	4	12970	.8	26	2904	38210
DH-9-88195-205	5.6	14070	20	6	168	1.0	1	13060	.3	38	6245	55190
DH-9-88205-215	2.4	12310	6	4	122	1.0	1	13450	.5	32	1595	58540
DH-9-88215-225	2.5	13460	6	3	129	.9	4	12610	1.1	24	1576	41230
DH-9-88225-235	2.5	13770	12	3	139	1.1	4	11990	.6	25	1691	41110
DH-9-88235-245	2.4	12520	5	4	90	1.0	2	13900	.9	32	2590	49250
DH-9-88245-255	3.4	12210	9	3	106	1.0	2	13730	.5	25	3430	33380
DH-11-88330-340	2.1	14850	11	5	129	1.0	1	16870	.3	31	1667	51660
DH-11-88340-350	2.0	13820	7	5	132	1.0	2	14040	.3	32	1427	54470
DH-11-88350-360	1.6	12290	14	4	92	1.0	2	13760	1.2	34	1035	66880
DH-11-88360-370	1.9	10690	16	5	64	1.0	2	11840	.2	30	1446	57060
DH-11-88370-380	1.2	6140	13	16	39	.6	4	13210	.3	44	928	112900
DH-11-88380-390	1.9	8640	9	4	58	1.0	1	14050	.3	37	1410	60050
DH-11-88390-400	1.6	11610	8	6	57	1.1	3	15550	1.3	43	1542	80060

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DH-9-8815-25	3000	10	7870	201	63	220	11	920	21	5	19	1
DH-9-8825-35	3420	12	8440	210	59	220	1	980	24	7	26	1
DH-9-8835-45	3640	12	9410	216	109	260	5	1090	25	25	37	1
DH-9-8845-55	3770	11	9080	201	86	380	1	1080	26	4	30	1
DH-9-8855-65	3450	13	10580	260	72	480	4	1010	23	1	28	1
DH-9-8865-75	5420	13	11480	248	113	450	5	1180	25	7	31	1
DH-9-8875-85	3180	11	8500	227	100	340	3	1790	32	4	20	1
DH-9-8885-95	3440	11	7530	193	101	340	2	1160	22	1	20	1
DH-9-8895-105	4130	13	10580	247	87	500	3	1180	70	2	27	1
DH-9-88105-115	3310	11	8260	202	46	370	3	1060	20	1	21	1
DH-9-88115-125	3330	11	7960	178	333	410	2	1090	24	1	31	1
DH-9-88125-135	4890	12	8680	196	61	450	3	900	22	4	21	1
DH-9-88135-145	2550	9	6250	212	185	290	3	910	121	4	15	1
DH-9-88145-155	2860	12	8200	181	53	390	2	940	12	1	19	1
DH-9-88155-165	3070	12	8420	182	28	330	1	880	20	1	16	1
DH-9-88165-175	3120	12	9520	258	46	340	1	1250	16	1	23	1
DH-9-88175-185	3010	11	8190	216	106	270	1	1140	30	14	17	1
DH-9-88185-195	3530	11	8560	254	106	300	2	1270	25	1	19	1
DH-9-88195-205	3260	11	7700	222	124	270	1	1160	29	16	17	1
DH-9-88205-215	3410	11	8310	226	129	340	1	1100	25	3	19	1
DH-9-88215-225	3790	12	9470	239	54	350	2	1280	25	3	21	1
DH-9-88225-235	3730	12	9360	263	84	360	1	1170	23	1	16	2
DH-9-88235-245	3290	11	8510	268	173	310	2	1390	24	2	13	1
DH-9-88245-255	2180	11	6720	230	100	320	4	1100	22	1	18	1
DH-9-88330-340	3130	11	8980	299	197	350	7	1580	37	2	15	1
DH-9-88340-350	3010	10	7610	258	213	360	1	1080	25	1	18	1
DH-9-88350-360	2720	9	6950	257	90	330	1	1070	25	2	15	1
DH-9-88360-370	2350	10	6910	241	197	300	1	1040	23	3	14	1
DH-9-88370-380	1440	7	3370	138	1038	200	4	690	21	6	7	2
DH-9-88380-390	1900	9	6900	283	119	280	1	1060	26	1	14	1
DH-9-88390-400	2460	9	6680	276	301	310	3	1090	36	4	16	1

COMPANY: SHANGRI LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 3 OF 3

PROJECT NO: | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-121R/P1+2

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | # TYPE ROCK GEOCHEM # | DATE:SEPT 12, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DH-9-8815-25	1	46.3	154	3	1	1	21	370
DH-9-8825-35	1	52.2	109	3	1	1	19	360
DH-9-8835-45	1	46.8	86	4	1	2	21	395
DH-9-8845-55	1	48.1	138	4	1	1	20	345
DH-9-8855-65	1	68.1	76	2	1	1	26	770
DH-9-8865-75	1	63.3	326	1	1	2	31	510
DH-9-8875-85	1	57.4	206	3	1	1	27	1040
DH-9-8885-95	1	52.0	158	1	24	1	20	525
DH-9-8895-105	1	74.0	187	1	1	1	22	685
DH-9-88105-115	1	64.1	92	1	106	1	21	270
DH-9-88115-125	1	56.9	68	4	1	1	19	360
DH-9-88125-135	1	68.5	220	2	14	1	24	320
DH-9-88135-145	1	42.5	786	1	3	1	28	630
DH-9-88145-155	1	64.5	68	4	1	3	22	95
DH-9-88155-165	1	62.4	49	3	12	1	19	190
DH-9-88165-175	1	67.2	59	2	9	1	20	170
DH-9-88175-185	1	56.0	66	1	1	2	20	1100
DH-9-88185-195	1	57.3	286	2	6	1	20	620
DH-9-88195-205	1	58.9	68	4	1	1	21	330
DH-9-88205-215	1	62.6	510	4	1	2	20	190
DH-9-88215-225	1	73.1	225	1	7	1	19	320
DH-9-88225-235	1	73.1	241	1	1	2	20	1000
DH-9-88235-245	1	74.7	172	3	13	1	19	585
DH-9-88245-255	1	49.5	229	2	1	1	20	795
DH-11-88330-340	1	47.1	190	2	1	1	47	260
DH-11-88340-350	1	42.6	137	1	1	8	23	190
DH-11-88350-360	1	37.1	165	4	1	2	48	110
DH-11-88360-370	1	40.0	58	3	1	2	36	290
DH-11-88370-380	1	20.2	231	3	1	5	21	240
DH-11-88380-390	1	37.0	159	1	1	1	22	270
DH-11-88390-400	1	32.3	64	1	4	1	26	230

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-133/P3

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | # TYPE ROCK GEOCHEM # | DATE:SEPTEMBER 27, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DH1088305-315	1.3	7710	10	5	61	1.6	3	21410	.9	41	1816	61790
DH1088315-325	1.7	11830	10	4	50	1.8	3	17790	.8	45	2579	60140
DH1088325-335	.8	18880	20	7	16	1.8	2	33890	.4	89	2608	105940
DH1088335-345	1.0	16830	12	5	58	1.8	1	20860	1.3	43	1504	70330
DH1088345-355	1.1	15820	13	5	56	1.5	1	25950	1.5	40	1931	59530
DH1088355-365	.9	14910	10	5	53	1.6	2	11590	1.6	37	1152	65740
DH1088365-375	.8	16350	14	5	43	1.9	1	23410	1.2	47	1716	67920
DH1088375-385	.9	17800	2	6	52	1.9	4	12530	.2	59	1802	84440
DH1088385-395	1.0	12690	10	5	97	1.7	4	11800	.1	49	1520	79240
DH1088395-400	.5	15280	16	5	161	1.3	2	14350	1.2	46	1384	68880

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 2 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-133/P3

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * | DATE:SEPTEMBER 27, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DH1088305-315	2010	7	5680	197	272	180	2	1040	28	1	6	1
DH1088315-325	2360	11	11040	240	125	200	8	970	22	1	8	1
DH1088325-335	1470	18	19450	552	41	390	56	1040	18	2	4	3
DH1088335-345	3510	14	14120	348	55	320	8	1050	13	1	11	1
DH1088345-355	2970	15	15150	367	88	300	18	1100	21	3	5	1
DH1088355-365	2390	14	14210	340	44	410	6	790	18	1	12	1
DH1088365-375	2640	16	15920	417	64	310	20	980	17	3	7	1
DH1088375-385	1770	17	17310	457	29	740	13	770	15	5	15	1
DH1088385-395	1600	13	12460	386	73	390	9	670	24	1	15	1
DH1088395-400	1580	15	15060	506	39	440	12	630	17	1	20	1

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM *

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DH1088305-315	1	32.2	332	1	5	1	20	235
DH1088315-325	1	57.2	169	2	1	1	38	390
DH1088325-335	1	126.3	133	2	1	2	101	405
DH1088335-345	1	107.0	73	1	1	1	28	110
DH1088345-355	1	74.4	50	3	2	1	56	155
DH1088355-365	1	97.9	49	1	2	1	29	125
DH1088365-375	1	93.3	82	1	2	1	59	125
DH1088375-385	1	140.2	74	1	2	1	37	220
DH1088385-395	1	92.4	92	1	1	1	32	210
DH1088395-400	1	117.7	87	1	2	1	48	205

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: KEMESS | 705WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-133/P1+2

ATTENTION: C.GRAHAM/N.HOLME | (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * | DATE:SEPTEMBER 28, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DH888015-025	.9	15650	14	3	138	1.5	1	15840	.2	22	1379	39370
DH888025-035	.6	19230	31	4	156	1.4	1	16700	.7	21	1212	40670
DH888035-045	.8	18370	5	4	175	1.6	2	13490	.3	22	1402	36400
DH888045-055	.4	14100	6	4	98	1.5	1	8660	.1	33	1015	54100
DH888055-065	.9	14940	11	3	120	1.6	2	11820	1.2	25	1223	45750
DH888065-075	1.0	14900	17	3	92	1.4	4	11050	1.0	29	1154	43560
DH888075-085	.9	10930	19	2	77	1.3	4	8900	.3	23	968	41090
DH888085-095	1.1	9710	16	2	65	1.2	4	9090	.7	26	931	43700
DH888095-105	.8	12810	9	3	110	1.5	5	12930	.2	26	1009	46260
DH888105-115	1.2	11010	18	2	91	1.2	4	9340	.7	25	1112	42530
DH888115-125	1.4	15010	10	3	114	1.3	3	9810	.8	27	1830	41680
DH888125-135	1.1	14030	11	6	126	1.4	4	9310	1.2	23	1283	40200
DH888135-145	1.3	11650	22	3	126	1.4	2	9580	1.1	22	1258	39260
DH888145-155	1.6	11190	14	4	88	1.4	3	10550	.6	26	1854	39650
DH888155-165	1.0	11320	17	3	92	1.3	4	12530	.1	24	861	48230
DH888165-175	1.0	12180	15	4	86	1.6	2	13700	1.1	28	1395	51030
DH888175-185	1.0	12920	16	3	116	1.7	3	14250	.9	29	1668	51380
DH888185-195	1.5	12310	11	4	114	1.4	3	12160	.5	31	1679	51720
DH888195-205	1.6	12340	18	4	105	1.6	2	9210	1.2	38	2147	59100
DH888205-215	1.5	13620	9	4	123	1.7	1	10560	1.3	31	1748	53960
DH888215-225	1.5	12260	15	4	115	1.4	1	9590	.6	30	2266	50540
DH888225-235	1.6	11710	15	3	88	1.4	1	10420	.1	30	2145	49820
DH888235-245	1.5	13590	9	3	95	1.3	3	8380	.7	26	1773	48440
DH888245-255	1.3	11420	13	3	93	1.4	2	10810	1.1	22	1616	43550
DH888255-265	1.2	13850	10	5	103	1.5	2	8770	.2	31	1926	56760
DH888265-275	1.2	10920	22	5	74	1.7	1	7730	.9	40	2209	75850
DH888275-285	1.6	9270	21	4	47	1.6	3	10650	.6	41	2791	66260
DH888285-295	1.2	10410	12	3	65	1.4	2	17100	1.1	29	1764	46140
DH888295-305	1.0	10730	15	3	76	1.4	2	16660	1.1	28	1422	46900
DH888305-315	1.1	15550	6	4	82	1.5	3	19500	.8	24	1574	39440
DH888315-325	1.3	11290	6	2	64	1.3	2	12850	.9	28	1810	40740
DH108815-25	.6	12710	11	2	94	1.4	2	10450	.1	21	815	51280
DH108825-35	.4	9290	11	2	64	1.7	1	11040	1.1	22	812	60490
DH108835-45	.6	13330	7	4	92	1.8	2	13640	.3	28	936	59960
DH108845-55	.5	10150	13	3	63	1.7	1	11110	.8	32	946	64360
DH108855-65	.8	10020	10	3	77	1.5	2	10060	1.0	28	1070	52910
DH108865-75	.8	11480	11	4	117	1.6	3	13030	1.2	26	1110	49010
DH108875-85	.9	11460	13	2	97	1.4	3	12430	.7	22	1341	44050
DH108885-95	1.3	9690	14	3	79	1.5	2	14890	.8	29	1875	49670
DH108895-105	1.0	9880	16	3	65	1.4	2	14030	.7	33	1354	60540
DH1088105-115	1.0	9930	9	3	49	1.6	1	10640	.1	32	1439	57040
DH1088115-125	1.3	10470	10	3	61	1.6	1	10900	.8	31	1450	49110
DH1088125-135	3.9	11400	13	3	75	1.3	3	16120	.6	24	1131	39720
DH1088135-145	1.4	10680	11	4	69	1.3	3	13580	.1	29	1609	40720
DH1088145-155	2.8	10210	13	3	62	1.4	2	12520	.1	36	1961	45790
DH1088155-165	1.8	10760	19	3	69	1.4	2	11160	.5	30	1692	52970
DH1088165-175	2.3	10890	9	3	78	1.2	3	12000	2.0	20	2954	26700
DH1088175-185	1.0	11780	12	3	90	1.6	2	15680	1.2	27	1329	49060
DH1088185-195	1.0	10860	10	2	80	1.3	4	10690	.1	27	1108	42050
DH1088195-205	1.2	10170	13	2	73	1.2	2	10990	.1	30	1588	41260
DH1088205-215	1.0	10080	11	2	60	1.4	4	11440	1.1	26	1186	35380
DH1088215-225	1.0	9340	13	2	73	1.1	4	10530	.5	22	931	35240
DH1088225-235	1.3	9900	13	3	65	1.3	4	11030	1.1	24	1388	37190
DH1088235-245	1.4	10460	11	3	59	1.3	2	14530	1.0	27	1905	40440
DH1088245-255	1.2	8440	15	2	58	1.3	2	15810	.9	29	1486	43420
DH1088255-265	1.1	8840	18	2	47	1.4	1	15750	1.2	34	1622	49500
DH1088265-275	1.7	9560	11	2	44	1.4	1	14570	1.2	31	2859	46230
DH1088275-285	1.1	11370	15	3	59	1.8	2	15230	1.4	33	1616	54880
DH1088285-295	.7	8030	18	4	39	1.6	1	18410	.5	41	1373	66690
DH1088295-305	1.3	8940	13	3	40	1.3	1	21940	1.3	43	2043	54380

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM *

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DH888015-025	2980	11	10500	297	50	320	5	1080	28	14	21	1
DH888025-035	3450	13	11950	361	44	440	8	960	19	3	24	1
DH888035-045	3650	12	10350	310	50	520	5	960	17	13	20	1
DH888045-055	2960	10	7930	198	50	450	3	820	35	3	18	1
DH888055-065	2950	11	8370	236	46	500	2	1010	23	1	48	1
DH888065-075	2380	10	8240	223	29	600	2	990	20	17	35	1
DH888075-085	2640	9	8130	213	52	350	2	880	15	5	20	1
DH888085-095	2570	9	8080	203	65	320	1	930	15	1	14	1
DH888095-105	3160	10	9150	278	85	390	2	1070	23	1	15	1
DH888105-115	2710	9	7870	204	58	350	2	980	14	1	14	1
DH888115-125	2930	10	8440	179	55	420	1	1000	17	3	19	1
DH888125-135	3330	9	8130	184	51	430	4	960	20	7	20	1
DH888135-145	3220	11	7520	192	56	350	2	1110	41	1	18	1
DH888145-155	2890	10	8190	202	71	300	1	1180	22	3	15	1
DH888155-165	3520	8	7460	194	37	320	2	990	21	3	14	1
DH888165-175	2630	9	7900	199	117	310	2	1030	22	1	15	1
DH888175-185	3050	11	11360	321	68	340	3	980	26	1	14	1
DH888185-195	3780	9	8320	218	107	350	3	1040	43	1	12	1
DH888195-205	3690	9	7800	185	97	320	1	1150	31	2	13	1
DH888205-215	4100	10	8050	208	90	340	1	1060	23	1	13	1
DH888215-225	3440	8	6440	161	100	300	1	1010	28	1	14	1
DH888225-235	3150	8	6410	171	92	260	2	1160	30	1	13	1
DH888235-245	3590	9	8280	196	59	370	1	940	22	1	19	1
DH888245-255	3100	9	7250	229	114	380	1	900	22	1	16	1
DH888255-265	3630	8	6610	196	120	360	2	920	31	3	15	1
DH888265-275	3310	7	4840	104	181	290	2	940	21	15	15	1
DH888275-285	2450	7	4950	146	121	250	1	1130	21	17	15	1
DH888285-295	2560	9	7660	256	82	290	1	1230	18	1	20	1
DH888295-305	2850	10	8220	285	86	300	3	1130	17	1	15	1
DH888305-315	3580	11	10460	332	126	300	3	1120	18	1	17	1
DD888315-325	3080	10	8770	244	68	280	2	1270	15	1	13	1
DH108815-25	2610	8	6780	148	37	200	3	940	20	2	13	1
DH108825-35	2090	7	5420	127	69	160	2	930	24	1	12	1
DH108835-45	2970	9	6700	178	94	250	1	950	23	4	19	1
DH108845-55	2380	8	5200	161	62	360	3	890	24	2	23	1
DH108855-65	2250	7	4960	104	136	370	2	740	25	2	20	1
DH108865-75	3180	8	6480	181	156	390	1	950	26	10	23	1
DH108875-85	3440	9	8000	237	74	320	1	1220	20	1	17	1
DH108885-95	2380	9	6350	174	99	310	1	1090	18	2	17	1
DH108895-105	2490	12	6600	187	131	310	2	1040	26	1	20	1
DH1088105-115	2120	9	6100	169	134	290	3	1070	17	1	19	1
DH1088115-125	2360	10	6330	183	126	280	1	1180	20	1	22	1
DH1088125-135	2590	10	8280	258	115	290	1	1140	19	1	17	1
DH1088135-145	2510	10	7670	208	213	300	2	1220	18	3	16	1
DH1088145-155	2310	9	7550	210	189	260	2	1110	19	1	15	1
DH1088155-165	2790	9	6760	197	106	280	2	1220	22	1	16	1
DH1088165-175	2520	10	8100	200	221	290	4	1660	33	16	17	2
DH1088175-185	2860	11	7560	220	120	290	3	1180	31	4	21	1
DH1088185-195	2730	10	8270	243	54	410	1	950	16	1	12	1
DH1088195-205	2410	9	7230	216	61	290	2	1110	16	1	17	1
DH1088205-215	2480	9	6620	211	80	310	1	1020	15	3	18	1
DH1088215-225	2550	9	7200	225	77	300	1	1020	17	1	14	1
DH1088225-235	2400	9	7170	208	154	270	1	1110	16	1	16	1
DH1088235-245	2410	10	7320	249	132	250	2	1340	21	5	15	1
DH1088245-255	1830	8	5960	231	97	230	2	1060	12	1	9	1
DH1088255-265	2630	9	6320	237	96	240	1	1390	17	10	12	1
DH1088265-275	2250	9	6720	228	99	210	2	1200	21	4	12	1
DH1088275-285	2630	10	7680	222	82	250	3	1170	17	1	12	1
DH1088285-295	2010	8	5570	189	121	200	2	1080	13	4	9	1
DH1088295-305	2630	9	6830	227	136	190	2	1160	14	1	6	1

COMPANY: SHANGRI-LA MINERALS
PROJECT NO: KEMESS
ATTENTION: C.GRAHAM/H.HULME

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM *

(ACT:F31) PAGE 3 OF 3
FILE NO: 81-133/R1+2
DATE:SEPTEMBER 29, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DH898015-025	2	47.9	154	1	1	4	26	210
DH898025-035	1	61.3	79	3	1	3	24	185
DH898035-045	1	59.5	110	1	1	1	22	380
DH898045-055	1	50.0	205	3	1	1	20	175
DH898055-065	1	51.4	57	2	1	1	21	265
DH898065-075	1	50.8	65	1	2	1	21	190
DH898075-085	1	51.6	51	1	1	1	20	285
DH898085-095	2	49.4	73	1	1	1	27	275
DH898095-105	1	71.3	76	1	1	1	22	240
DH898105-115	1	57.1	50	1	1	1	22	250
DH898115-125	1	51.1	58	2	1	1	21	470
DH898125-135	1	52.5	47	2	1	1	20	340
DH898135-145	2	56.4	2165	1	1	2	22	285
DH898145-155	1	56.4	86	1	1	1	19	355
DH898155-165	2	49.3	106	1	2	1	18	195
DH898165-175	1	51.1	159	1	2	1	21	265
DH898175-185	1	79.8	72	1	2	1	28	310
DH898185-195	1	68.4	229	2	3	1	21	410
DH898195-205	1	63.9	108	1	2	2	20	405
DH898205-215	1	67.5	704	1	2	2	22	365
DH898215-225	1	43.3	191	2	1	2	18	490
DH898225-235	2	42.7	350	2	1	2	18	370
DH898235-245	1	54.1	92	2	1	1	25	690
DH898245-255	1	44.5	95	1	1	1	20	365
DH898255-265	1	42.2	357	1	2	2	18	325
DH898265-275	1	25.6	61	1	3	1	18	600
DH898275-285	1	28.2	335	1	1	2	17	750
DH898285-295	1	44.9	133	2	3	1	19	395
DH898295-305	1	53.2	77	1	4	1	22	385
DH898305-315	2	65.9	76	2	1	2	21	245
DD898315-325	1	56.8	113	2	1	1	19	285
DH108815-25	1	26.1	43	2	1	1	19	125
DH108825-35	1	20.4	32	2	1	1	18	130
DH108835-45	1	32.4	42	2	4	1	20	145
DH108845-55	1	31.7	37	1	1	1	16	250
DH108855-65	1	22.1	38	1	1	1	16	130
DH108865-75	1	39.0	60	1	3	2	21	175
DH108875-85	1	50.3	166	1	3	2	20	230
DH108885-95	1	36.7	68	1	5	1	18	285
DH108895-105	1	41.0	69	2	5	1	17	190
DH1088105-115	1	37.8	241	1	5	1	16	180
DH1088115-125	1	38.5	403	1	6	1	16	165
DH1088125-135	1	63.7	235	1	1	1	19	290
DH1088135-145	1	54.6	212	2	2	1	18	245
DH1088145-155	1	51.9	146	1	2	1	18	150
DH1088155-165	1	49.6	182	1	2	1	18	195
DH1088165-175	1	51.2	288	1	2	1	20	625
DH1088175-185	1	46.0	98	1	3	1	18	220
DH1088185-195	1	62.5	65	2	2	1	19	185
DH1088195-205	1	51.9	59	1	2	1	20	290
DH1088205-215	1	43.9	38	1	3	1	19	130
DH1088215-225	1	49.4	173	1	1	1	20	130
DH1088225-235	1	47.0	58	1	1	1	21	265
DH1088235-245	1	47.2	78	2	2	1	19	245
DH1088245-255	1	44.3	80	1	2	1	23	195
DH1088255-265	1	40.4	126	1	2	1	23	155
DH1088265-275	1	41.6	137	1	3	1	20	320
DH1088275-285	1	48.0	88	3	4	1	24	205
DH1088285-295	1	33.9	47	1	2	1	21	160
DH1088295-305	1	38.6	68	1	3	1	25	165

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-146/P1+2

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM * | DATE:SEPTEMBER 30, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DH-2-8865-75	1.7	12620	16	3	195	1.1	1	20640	3.4	15	1540	31420
DH-2-8875-85	1.3	7550	22	3	122	.4	2	19400	.6	14	1564	72000
DH-2-8885-95	1.2	8380	1	2	138	.4	1	19390	1.4	12	1361	56620
DH-2-8895-105	2.3	9370	12	1	166	.5	1	13470	1.4	14	2626	35420
DH-2-88105-115	2.3	8950	11	1	126	.7	2	13850	2.3	14	2104	36600
DH-2-88115-125	1.3	8510	8	1	153	.8	2	20230	1.5	13	1543	48260
DH-2-88125-135	1.8	14280	17	10	167	1.0	2	22920	.9	14	1712	38460
DH-2-88135-145	1.6	12140	11	1	115	.8	2	18610	2.5	12	1512	34860
DH-2-88145-155	1.8	10360	17	1	134	1.0	3	25240	2.9	14	1610	32190
DH-2-88155-165	2.2	10350	12	1	114	.7	2	20200	2.3	15	2308	30690
DH-2-88165-175	1.9	10060	13	1	136	.8	2	23180	2.3	16	1738	28100
DH-7-8815-25	1.6	13330	25	1	106	.8	4	13280	1.2	25	1130	45100
DH-7-8825-35	2.2	16290	20	1	141	.9	4	16170	1.4	21	1318	41320
DH-7-8835-45	1.3	14470	21	1	129	.7	3	17030	.8	19	1025	44840
DH-7-8845-55	1.5	11670	14	1	100	.3	2	14820	.8	22	1133	48090
DH-7-8855-65	2.0	18500	20	1	108	.8	3	14410	.2	22	1590	44730
DH-7-8865-75	1.9	16320	34	1	135	1.0	4	14230	.5	21	1426	42320
DH-7-8875-85	2.0	16330	18	1	128	.9	3	13320	2.1	19	1649	41800
DH-7-8885-95	1.9	13000	22	1	107	.6	4	13720	2.1	20	1536	38670
DH-7-8895-105	2.8	12180	22	1	106	.9	2	10060	2.5	23	2718	41320
DH-7-88105-115	2.1	16830	23	1	161	1.0	3	14090	1.2	16	1725	31800
DH-7-88115-125	2.2	12480	27	1	93	.9	2	11660	1.3	19	1937	38940
DH-7-88125-135	2.5	10290	18	1	88	.6	2	9690	1.9	21	2234	37710
DH-7-88135-145	2.4	11700	25	1	89	.7	1	15090	1.4	23	2404	42990
DH-7-88145-155	2.2	13730	17	1	150	.6	3	11240	.6	19	1705	36080
DH-7-88155-165	1.9	13520	25	1	100	.9	3	14240	.5	19	1896	35700
DH-7-88165-175	1.8	14170	21	1	115	.8	4	14430	.7	21	1274	42010
DH-7-88175-185	1.8	13150	21	1	113	.7	4	10720	1.2	25	1222	44220
DH-7-88185-195	2.2	11520	4	1	84	.5	3	12770	.4	27	1735	46090
DH-7-88195-205	2.2	10150	22	1	63	.7	3	16280	2.1	26	1947	42430
DH-7-88205-215	2.1	8300	10	1	75	.8	2	16570	1.4	27	1637	52330
DH-7-88215-225	2.0	9980	14	1	83	.4	2	19300	.1	32	1774	55950
DH-7-88225-235	2.7	10190	15	1	71	.7	1	14170	1.6	31	2406	50240
DH-7-88235-245	1.9	11670	13	1	81	.6	1	13020	.1	30	1814	48250
DH-7-88245-255	4.9	10210	8	1	66	1.0	1	12940	.6	34	2726	56680
DH-7-88255-265	2.6	10260	12	1	103	.6	3	18700	.7	28	2319	53830
DH-7-88265-275	2.2	8010	11	1	63	.3	1	18720	1.2	29	2268	46340
DH-7-88275-285	2.3	6220	10	1	49	.3	2	15380	.9	32	2612	63500
DH-7-88285-295	2.2	12220	16	2	78	.6	2	21130	1.3	34	2084	45520
DH-7-88295-305	2.1	12770	2	2	104	.8	1	21150	.5	31	1849	51600
DH-7-88305-315	2.8	11160	18	1	94	.5	4	14810	1.9	32	2464	40590
DH-7-88315-325	2.1	9780	15	1	86	.9	4	15730	1.7	31	1739	40730
DH-7-88325-335	3.0	9970	17	1	66	.8	4	19120	1.8	35	2853	41790
DH-7-88335-345	1.8	10060	18	1	105	.7	4	14610	2.3	24	1217	42650
DH-7-88345-355	1.9	10920	23	1	96	.9	5	13800	1.3	28	1381	44020
DH-8-88325-335	2.1	13070	5	1	70	1.1	2	17370	1.2	35	2216	49970
DH-8-88335-345	2.1	9690	11	1	69	.7	2	16010	1.7	36	1739	42160
DH-14-88035-045	1.5	14440	16	2	133	.9	2	9970	2.5	24	1273	54000
DH-14-88045-055	1.3	13890	9	2	130	.6	1	10860	.8	29	1278	76290
DH-14-88055-065	1.4	13640	29	3	109	.5	3	14940	2.0	35	1240	84570
DH-14-88065-075	1.6	8980	1	2	62	.6	3	14320	.4	33	1421	88360
DH-14-88075-085	1.9	9200	1	3	49	.5	4	14480	1.6	40	2345	96060
DH-14-88085-095	1.4	10360	11	1	87	.8	1	19110	1.3	30	1430	63280
DH-14-88095-105	1.3	6620	28	3	33	.1	3	8800	1.7	44	1713	114740
DH-14-88105-115	1.4	8970	1	4	59	.2	1	16830	.2	40	1540	104670
DH-14-88115-125	1.2	9590	1	3	57	.6	3	21270	.6	48	1584	100950
DH-14-88125-135	1.6	12490	10	2	65	.3	4	10780	1.1	38	1692	83580
DH-14-88135-145	1.2	6050	7	2	42	.3	1	12340	1.5	30	1022	84350
DH-14-88145-155	1.3	6030	18	2	43	.3	2	10330	9.5	28	1080	78430
DH-14-88155-165	1.6	8860	1	3	59	.6	1	10750	2.7	34	1684	78900

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DH-2-8865-75	1300	13	8110	578	12	240	16	880	26	3	28	1
DH-2-8875-85	1160	8	5230	447	23	130	1	990	33	1	17	1
DH-2-8885-95	1260	8	6850	423	32	140	3	920	27	1	14	1
DH-2-8895-105	1530	8	6100	314	26	190	4	1230	35	1	18	2
DH-2-88105-115	1480	8	6990	341	31	210	4	990	32	1	15	2
DH-2-88115-125	1500	8	6630	361	22	240	2	1020	27	1	15	1
DH-2-88125-135	2270	9	9550	441	34	310	5	1170	27	1	20	1
DH-2-88135-145	1910	10	9550	400	40	250	3	1200	28	1	18	1
DH-2-88145-155	1780	9	9260	466	99	230	5	1260	25	1	17	1
DH-2-88155-165	1860	9	9030	383	64	230	4	1250	30	1	18	1
DH-2-88165-175	1930	9	8030	429	41	180	5	1210	40	1	16	1
DH-7-8815-25	3630	10	9430	268	58	210	6	970	33	5	18	1
DH-7-8825-35	3360	11	10510	302	67	310	4	1040	112	16	28	1
DH-7-8835-45	3230	9	8960	268	31	420	4	1000	36	7	24	1
DH-7-8845-55	2630	8	7510	223	40	400	3	830	33	6	22	1
DH-7-8855-65	3790	11	10690	268	55	510	2	1100	34	5	31	1
DH-7-8865-75	3620	11	8840	311	64	470	5	1110	31	32	29	1
DH-7-8875-85	3620	11	9700	306	50	500	4	1170	32	3	29	1
DH-7-8885-95	3180	10	9240	266	39	400	6	940	22	3	21	1
DH-7-8895-105	2700	10	8440	208	76	370	7	920	30	6	21	1
DH-7-88105-115	3460	10	9280	253	56	500	6	1070	27	10	32	2
DH-7-88115-125	2630	9	8110	238	67	390	3	960	26	1	23	1
DH-7-88125-135	2280	8	5600	173	99	350	4	1120	30	13	22	1
DH-7-88135-145	2700	9	7160	256	51	360	5	940	27	1	19	1
DH-7-88145-155	3430	9	8490	247	62	410	5	880	20	5	22	1
DH-7-88155-165	3150	10	9080	281	48	420	6	1030	22	1	23	1
DH-7-88165-175	3610	10	8270	259	73	410	6	1130	24	1	23	2
DH-7-88175-185	3780	9	8970	258	61	460	5	1130	25	1	23	1
DH-7-88185-195	3330	9	7840	261	50	300	2	1250	38	3	20	1
DH-7-88195-205	2730	9	7680	263	73	260	5	1180	34	2	16	1
DH-7-88205-215	2560	7	7040	211	71	240	3	1030	21	1	17	1
DH-7-88215-225	2730	8	6650	254	43	260	3	1160	24	1	18	1
DH-7-88225-235	2820	8	6770	246	61	260	4	1240	29	12	23	1
DH-7-88235-245	3160	8	7650	247	38	260	4	1250	24	3	21	1
DH-7-88245-255	2790	8	7040	226	81	240	1	1470	34	1	20	1
DH-7-88255-265	2890	9	7660	273	44	330	4	1560	34	1	20	1
DH-7-88265-275	1990	8	5680	220	143	240	3	1110	30	1	20	1
DH-7-88275-285	1620	7	4370	154	116	190	3	1270	30	1	15	1
DH-7-88285-295	3280	8	6560	196	181	260	3	1290	29	1	16	1
DH-7-88295-305	2920	9	7680	238	56	300	4	1260	29	1	32	1
DH-7-88305-315	2920	9	7510	190	112	250	6	1310	27	1	19	1
DH-7-88315-325	2870	8	7250	215	91	340	5	1060	22	1	17	1
DH-7-88325-335	2300	9	7080	195	281	230	4	1060	28	1	21	1
DH-7-88335-345	3540	8	8360	185	111	310	5	830	23	1	14	1
DH-7-88345-355	3910	9	8670	194	92	310	5	990	27	1	16	1
DH-8-88325-335	2650	9	7460	227	101	280	2	1180	26	1	25	1
DH-8-88335-345	2060	8	6480	224	151	240	3	930	26	2	19	1
DH-14-88035-045	2380	9	8110	286	58	170	6	950	49	10	15	1
DH-14-88045-055	3290	8	7390	138	143	180	3	910	38	2	10	1
DH-14-88055-065	2830	8	7280	220	70	180	4	1060	46	1	19	1
DH-14-88065-075	2190	7	5380	168	63	170	1	950	30	1	14	1
DH-14-88075-085	2220	7	5990	176	69	160	4	980	31	1	14	2
DH-14-88085-095	2950	7	6880	273	60	200	1	1070	30	1	17	1
DH-14-88095-105	1600	6	5050	100	96	140	3	910	37	4	10	2
DH-14-88105-115	2410	7	5880	186	88	190	1	910	27	3	12	2
DH-14-88115-125	2200	7	5720	197	89	190	1	1050	33	1	13	2
DH-14-88125-135	2690	8	7280	153	86	240	4	1140	28	1	23	1
DH-14-88135-145	1590	6	4870	170	55	140	1	840	29	2	13	2
DH-14-88145-155	1170	7	4470	171	66	140	1	910	65	2	13	2
DH-14-88155-165	1960	7	5960	198	103	180	4	1030	43	1	16	1

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 3 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-146/P1+2

ATTENTION: C.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 # TYPE ROCK GEOCHEM # | DATE:SEPTEMBER 30, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DH-2-8865-75	1	60.5	84	1	3	2	35	440
DH-2-8875-85	1	125.7	200	2	2	1	21	280
DH-2-8885-95	1	109.4	185	1	1	1	21	345
DH-2-8895-105	1	59.3	94	1	2	1	21	560
DH-2-88105-115	1	65.5	178	1	2	1	20	370
DH-2-88115-125	1	88.4	106	1	1	1	23	295
DH-2-88125-135	1	75.6	220	1	3	1	21	220
DH-2-88135-145	1	67.3	434	1	2	1	20	250
DH-2-88145-155	1	67.1	201	1	3	1	20	260
DH-2-88155-165	1	60.5	183	1	2	1	23	430
DH-2-88165-175	1	53.7	432	1	3	1	23	390
DH-7-8815-25	1	52.6	61	3	3	2	22	270
DH-7-8825-35	1	53.3	141	4	3	2	21	260
DH-7-8835-45	1	49.0	73	4	2	2	20	185
DH-7-8845-55	1	39.7	48	3	2	2	19	190
DH-7-8855-65	1	55.7	70	4	3	2	21	280
DH-7-8865-75	1	54.4	68	3	3	2	21	250
DH-7-8875-85	1	55.5	70	2	3	1	23	620
DH-7-8885-95	1	50.8	48	3	2	1	21	310
DH-7-8895-105	1	49.3	57	1	3	1	21	980
DH-7-88105-115	1	49.6	67	3	3	2	21	305
DH-7-88115-125	1	44.8	54	1	3	2	21	590
DH-7-88125-135	2	33.3	50	1	2	1	21	740
DH-7-88135-145	1	43.3	59	1	2	1	23	795
DH-7-88145-155	1	51.8	60	1	3	2	22	420
DH-7-88155-165	1	46.3	48	1	3	2	20	480
DH-7-88165-175	1	47.1	46	3	3	3	19	330
DH-7-88175-185	1	55.9	55	4	2	2	21	195
DH-7-88185-195	1	50.0	652	1	3	1	20	860
DH-7-88195-205	1	46.0	72	1	3	1	19	370
DH-7-88205-215	1	36.8	35	1	2	1	20	370
DH-7-88215-225	1	42.2	169	1	2	1	18	360
DH-7-88225-235	1	43.4	101	1	3	1	19	375
DH-7-88235-245	1	44.6	139	1	3	1	19	510
DH-7-88245-255	1	40.7	98	1	2	2	19	505
DH-7-88255-265	1	39.0	229	1	3	1	20	590
DH-7-88265-275	1	30.3	90	1	3	1	20	320
DH-7-88275-285	2	20.5	72	1	2	1	18	640
DH-7-88285-295	1	36.6	60	1	3	1	20	265
DH-7-88295-305	1	46.2	605	1	2	1	22	390
DH-7-88305-315	3	42.3	105	1	3	1	20	550
DH-7-88315-325	1	58.0	75	1	3	2	22	370
DH-7-88325-335	2	42.2	75	1	3	1	20	395
DH-7-88335-345	2	54.7	68	2	3	3	20	240
DH-7-88345-355	1	62.2	83	2	3	2	22	140
DH-8-88325-335	1	41.7	75	1	3	1	20	375
DH-8-88335-345	2	39.5	277	1	3	1	20	360
DH-14-88035-045	1	41.2	111	1	3	2	25	175
DH-14-88045-055	1	28.8	184	1	3	1	19	220
DH-14-88055-065	1	34.3	799	1	2	1	19	280
DH-14-88065-075	1	20.8	37	1	2	1	15	285
DH-14-88075-085	1	33.0	157	1	2	2	17	420
DH-14-88085-095	1	38.8	61	1	2	1	17	210
DH-14-88095-105	1	20.1	82	1	1	2	14	690
DH-14-88105-115	1	30.9	36	3	2	1	17	330
DH-14-88115-125	1	27.1	129	2	1	1	19	160
DH-14-88125-135	1	33.3	193	2	3	1	18	410
DH-14-88135-145	1	22.7	191	2	2	1	15	250
DH-14-88145-155	1	18.7	705	1	1	1	18	170
DH-14-88155-165	1	29.5	500	1	1	1	19	310

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-146/P3

ATTENTION: C.GRAHAM/N.KULME | (604)980-5814 OR (604)988-4524 | % TYPE ROCK GEOCHEM % | DATE:SEPTEMBER 30, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DH-14-88165-175	1.6	8700	28	5	51	.5	2	14100	1.0	41	1365	95590
DH-14-88175-185	1.5	10530	1	3	69	.5	1	16340	.2	32	1193	75290
DH-14-88185-195	1.5	11160	12	4	72	.8	2	14800	.4	36	1267	75930
DH-14-88195-205	1.3	13170	5	3	101	.7	1	21390	.9	25	1019	53710
DH-15-88025-035	1.5	11240	18	3	50	.9	2	16800	1.3	38	1200	79470
DH-15-88035-045	1.4	8820	9	2	39	.7	2	13520	1.6	29	858	71100
DH-15-88045-055	1.6	9430	1	3	33	.4	1	19770	1.5	40	1692	86660
DH-15-88055-065	1.3	12140	13	3	42	.4	2	18410	1.1	32	1046	74740
DH-15-88065-075	1.8	12850	11	3	65	.7	1	15830	1.1	34	1391	73330
DH-15-88075-085	.9	6580	1	4	30	1.4	3	10540	2.0	37	860	122270
DH-15-88085-095	.7	7030	23	5	37	1.5	1	19360	2.5	39	616	138610
DH-15-88095-105	1.3	10260	1	3	58	.2	3	20090	1.5	35	924	88510
DH-15-88105-115	3.9	10300	7	2	53	.8	3	18010	1.0	37	1049	68340
DH-15-88115-125	1.5	11060	5	3	60	.2	2	16390	.9	42	993	94010
DH-15-88125-135	1.4	11040	11	7	56	.4	2	23450	1.0	40	1083	79700

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DH-14-88165-175	1890	8	6830	251	83	190	2	1030	46	5	14	1
DH-14-88175-185	2500	8	7510	265	56	200	2	1050	39	4	14	1
DH-14-88185-195	2600	8	7180	296	81	240	1	1050	33	5	17	1
DH-14-88195-205	2960	9	8100	299	66	230	3	1120	33	1	19	1
DH-15-88025-035	2250	8	7490	187	57	130	3	1140	38	4	16	1
DH-15-88035-045	1630	7	6030	133	40	130	3	970	24	1	20	1
DH-15-88045-055	1930	7	6520	196	94	150	3	1100	33	2	20	1
DH-15-88055-065	2330	8	7680	176	68	170	1	1220	32	1	22	1
DH-15-88065-075	2650	8	7120	173	138	200	2	1220	38	1	25	1
DH-15-88075-085	1210	6	4600	66	95	130	1	1130	31	2	12	1
DH-15-88085-095	1600	6	4500	94	48	140	3	1030	30	2	9	1
DH-15-88095-105	2560	7	7020	159	32	170	4	960	39	2	13	1
DH-15-88105-115	2600	8	7900	152	59	190	1	1080	27	1	15	1
DH-15-88115-125	3070	8	7040	175	105	240	3	1030	37	4	18	1
DH-15-88125-135	2340	9	7830	214	43	210	2	1230	33	5	15	1

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524 * TYPE ROCK GEOCHEM *

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR	AU-PPB
DH-14-88165-175	1	36.5	457	1	2	1	22	295
DH-14-88175-185	1	44.8	193	1	2	1	20	450
DH-14-88185-195	1	50.0	192	1	2	1	24	205
DH-14-88195-205	1	42.2	139	3	2	2	20	140
DH-15-88025-035	1	32.7	34	1	2	1	18	185
DH-15-88035-045	2	22.6	53	2	2	1	17	190
DH-15-88045-055	1	30.2	37	3	3	1	17	355
DH-15-88055-065	1	31.2	36	1	2	1	18	150
DH-15-88065-075	1	36.5	202	1	3	1	19	240
DH-15-88075-085	1	12.6	41	1	2	1	14	330
DH-15-88085-095	1	16.3	303	2	1	2	14	175
DH-15-88095-105	1	30.0	561	3	2	1	18	110
DH-15-88105-115	1	38.8	43	2	2	2	21	190
DH-15-88115-125	1	43.9	73	1	2	1	21	200
DH-15-88125-135	1	36.6	65	1	2	1	18	260

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-157/P1+2

ATTENTION: J.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:OCT 3, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
DH-1-88045-055	3.6	19160	12	7	718	2.2	12	8810	1.4	28	5213	80990
DH-1-88055-065	5.2	17190	18	5	909	1.5	16	8270	1.9	30	8271	59180
DH-1-88065-075	2.0	19710	18	5	1214	1.5	9	10230	1.9	27	2879	56260
DH-1-88075-085	1.6	16990	28	4	676	1.3	6	8000	1.8	22	1839	60420
DH-1-88085-095	1.1	15020	18	3	463	1.0	5	8610	2.8	19	1049	54180
DH-1-88095-105	1.9	13380	17	3	560	1.2	9	14210	2.2	16	2608	66140
DH-1-88105-115	2.4	11160	10	2	372	1.0	7	26640	10.3	11	2605	46060
DH-1-88115-120	1.9	10480	15	2	140	.9	6	15670	2.3	11	1930	60350
DH-1-88120-125	2.2	9620	11	1	111	.9	9	16770	2.5	13	2480	57390
DH-1-88125-135	2.1	10100	14	2	185	.9	9	11300	2.1	14	2237	61160
DH-1-88135-145	1.8	10990	14	2	198	.9	6	12870	1.8	13	1858	62200
DH-1-88145-155	1.7	9540	20	2	167	1.0	7	10160	.8	12	1784	68220
DH-1-88155-165	1.7	10130	27	3	272	1.0	9	9300	1.3	16	2093	79640
DH-1-88165-175	2.0	11400	20	2	141	1.0	7	11070	.7	15	1839	61750
DH-1A-88035-045	.9	11250	27	4	275	1.0	4	8730	1.2	11	1252	136020
DH-1A-88045-055	.8	8040	11	7	181	.8	3	6000	1.2	6	1075	232500
DH-1A-88055-065	1.2	13730	20	4	942	1.6	5	9820	2.0	19	1779	98720
DH-1A-88065-075	1.0	13400	26	2	1212	1.1	4	13360	1.7	16	661	57930
DH-1A-88075-085	1.1	11330	15	2	864	1.0	5	17830	1.2	9	1039	68350
DH-1A-88085-095	.6	9600	10	1	376	1.1	4	21280	2.7	9	633	46070
DH-1A-88095-105	1.4	11250	16	1	205	1.1	6	17570	3.3	11	1557	38830
DH-1A-88105-115	3.5	8080	20	1	363	1.1	14	13120	4.1	9	5023	46290
DH-1A-88115-118	2.7	14030	18	2	251	1.1	9	16670	2.5	13	3365	52340
DH-2-88175-185	2.0	10600	20	2	254	.8	7	25980	3.3	16	1904	42470
DH-2-88185-195	2.7	9860	17	1	203	.9	9	19730	2.9	16	3043	38750
DH-2-88195-205	2.3	11060	20	2	344	1.0	6	19450	1.8	19	2125	50990
DH-2-88205-215	1.5	11400	17	2	600	.9	7	22700	2.0	14	2021	37570
DH-2-88215-225	1.2	7480	28	2	771	.7	5	30440	1.5	19	1559	49460
DH-2-88225-235	1.3	9200	16	1	322	.9	6	19720	1.9	21	1843	39530
DH-2-88235-245	1.8	9210	26	2	308	1.0	6	14690	2.0	19	2101	47750
DH-2-88245-255	2.3	8850	25	5	236	.9	7	13900	3.4	19	1657	64130
DH-2-88255-265	1.6	7710	13	2	183	.7	5	10160	3.2	16	1896	27980
DH-2-88265-275	1.8	13090	22	3	427	.8	6	23440	1.3	16	1602	89890
DH-12-88015-025	2.7	16360	15	3	201	.9	9	7730	.1	40	2813	86780
DH-12-88025-035	2.0	13080	14	2	167	.8	8	8940	2.4	29	2095	63340
DH-12-88035-045	2.1	16570	17	2	230	1.1	7	11590	3.0	17	2091	36420
DH-12-88045-055	2.3	14660	2	1	143	1.1	7	17330	4.1	22	2173	46450
DH-12-88055-065	2.3	8620	17	1	74	.7	7	17150	2.2	30	2857	53620
DH-12-88065-075	2.1	9380	20	2	71	.7	7	18820	4.0	22	2309	57320
DH-12-88075-085	3.0	7500	17	1	56	.7	9	12450	2.1	30	3317	61460
DH-12-88085-095	2.2	9270	13	1	77	.8	8	10530	2.6	27	2611	53040
DH-12-88095-105	2.3	9680	18	1	90	.7	8	11750	2.6	31	2474	54350
DH-12-88105-115	1.7	10470	19	1	78	.6	7	12880	2.3	29	2099	47540
DH-12-88115-125	2.0	10920	22	1	95	.6	6	13640	1.9	31	2175	53780
DH-12-88125-135	2.1	10770	25	1	116	.6	7	14200	2.2	29	2282	51810
DH-12-88135-145	1.5	9450	17	1	73	.7	6	8080	2.4	25	1996	47580
DH-12-88145-155	1.2	8610	20	1	93	.9	6	7130	2.3	22	1750	42980
DH-12-88155-160	.9	3990	17	1	45	.5	4	4190	3.2	14	770	22550

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 2 OF 3

PROJECT NO: KENESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-157/P1+2

ATTENTION: J.GRAHAM/N.HULME | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:OCT 3, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
DH-1-88045-055	3000	10	7030	459	21	340	2	790	62	16	43	3
DH-1-88055-065	2030	11	8250	432	8	370	2	1510	45	11	30	3
DH-1-88065-075	2280	11	11050	542	6	430	4	1330	44	8	35	3
DH-1-88075-085	1690	11	10990	520	9	300	2	1130	35	7	27	2
DH-1-88085-095	1450	9	10940	454	6	270	1	1100	36	7	22	3
DH-1-88095-105	1500	8	9030	438	11	270	1	1160	38	8	23	2
DH-1-88105-115	1350	8	9360	584	8	270	1	1080	34	7	15	1
DH-1-88115-120	1400	7	7870	412	19	270	3	1050	31	5	17	1
DH-1-88120-125	1310	8	8290	388	19	250	2	1050	24	5	15	1
DH-1-88125-135	1620	7	8280	436	15	250	2	930	33	6	16	1
DH-1-88135-145	1670	8	7810	383	13	260	1	920	26	6	15	1
DH-1-88145-155	1620	8	6850	330	14	200	2	940	28	6	16	1
DH-1-88155-165	1300	6	5100	489	15	160	1	760	27	7	22	1
DH-1-88165-175	2100	10	9030	361	23	190	2	1000	26	5	14	1
DH-1A-88035-045	1350	5	2490	323	27	150	1	1220	23	8	32	3
DH-1A-88045-055	1830	3	1240	291	50	170	6	1980	12	10	29	1
DH-1A-88055-065	2060	7	4660	352	18	260	3	1370	33	12	32	1
DH-1A-88065-075	1500	7	6670	455	9	260	2	1190	35	14	26	1
DH-1A-88075-085	1340	6	6010	445	9	270	1	1230	37	9	20	1
DH-1A-88085-095	1370	6	6460	506	9	310	1	1190	38	8	16	1
DH-1A-88095-105	1520	7	8800	500	8	290	1	1250	30	8	17	1
DH-1A-88105-115	1160	6	5880	324	14	180	1	970	34	8	14	1
DH-1A-88115-118	1880	8	9890	469	12	300	2	1100	43	8	21	1
DH-2-88175-185	3000	7	8740	482	82	240	1	1210	33	6	15	1
DH-2-88185-195	2740	6	7300	367	92	200	3	1230	26	7	15	1
DH-2-88195-205	2830	6	5740	382	81	230	1	1320	46	7	17	1
DH-2-88205-215	3170	6	6540	409	70	200	3	1290	27	7	20	1
DH-2-88215-225	2430	4	3530	461	35	100	1	1340	30	9	16	1
DH-2-88225-235	2640	5	4530	358	47	170	2	1410	30	5	17	1
DH-2-88235-245	2360	5	4050	302	70	150	2	1350	23	7	18	1
DH-2-88245-255	1950	8	4850	355	36	150	1	1480	34	8	19	3
DH-2-88255-265	2370	6	4090	276	48	160	3	1240	30	5	16	2
DH-2-88265-275	3220	7	5150	626	36	140	3	1470	30	4	16	1
DH-12-88015-025	4460	6	6960	315	43	180	2	990	39	1	15	1
DH-12-88025-035	3970	5	6610	256	89	160	2	860	52	1	17	1
DH-12-88035-045	4900	7	8710	328	94	240	5	830	32	2	23	2
DH-12-88045-055	3480	8	8710	341	84	240	3	1030	59	8	20	1
DH-12-88055-065	2360	5	5840	285	102	190	1	1220	29	1	13	1
DH-12-88065-075	2880	5	5990	281	181	200	1	1020	46	1	13	1
DH-12-88075-085	2350	5	5480	187	177	170	1	1100	44	6	14	1
DH-12-88085-095	2920	5	6150	177	95	210	1	1100	27	1	15	1
DH-12-88095-105	2960	5	6410	196	69	220	1	1140	26	2	14	1
DH-12-88105-115	3330	6	6930	215	53	240	1	1050	23	1	16	1
DH-12-88115-125	3760	6	6850	249	89	240	2	1030	32	2	16	1
DH-12-88125-135	3740	6	6330	230	107	200	3	1200	30	6	16	1
DH-12-88135-145	2830	5	6590	166	68	190	2	950	29	1	14	1
DH-12-88145-155	2610	5	5230	117	58	200	4	1100	28	4	16	1
DH-12-88155-160	1210	4	3000	66	47	100	5	470	29	1	11	1

COMPANY: SHANGRI-LA MINERALS | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 3 OF 3

PROJECT NO: KEMESS | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 81-157/P1+2

ATTENTION: J.GRAHAM/N.KULME | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:OCT 3, 1988

(VALUES IN PPM)	U	V	ZN	SA	SN	W	CR	AU-PPB
DH-1-88045-055	1	96.2	1183	1	4	1	26	330
DH-1-88055-065	1	99.4	258	1	4	1	24	670
DH-1-88065-075	1	101.9	367	1	3	1	25	720
DH-1-88075-085	1	116.0	209	2	3	1	24	480
DH-1-88085-095	1	105.3	183	3	2	2	25	445
DH-1-88095-105	1	123.7	236	1	2	1	24	560
DH-1-88105-115	1	87.3	119	1	2	1	23	365
DH-1-88115-120	1	116.8	88	1	2	1	23	255
DH-1-88120-125	1	104.8	84	1	2	1	23	540
DH-1-88125-135	1	114.6	242	1	2	2	25	390
DH-1-88135-145	1	113.7	199	1	3	2	24	360
DH-1-88145-155	1	130.0	153	1	2	2	25	315
DH-1-88155-165	1	128.0	105	1	2	1	30	235
DH-1-88165-175	1	115.9	170	2	3	4	25	360
DH-1A-88035-045	1	148.4	692	1	4	1	26	225
DH-1A-88045-055	1	132.2	564	1	9	1	24	390
DH-1A-88055-065	1	100.2	264	1	3	1	22	450
DH-1A-88065-075	1	96.0	453	1	2	1	23	400
DH-1A-88075-085	1	133.4	267	1	2	1	24	330
DH-1A-88085-095	1	84.5	426	1	2	1	23	270
DH-1A-88095-105	1	70.0	183	1	2	1	23	405
DH-1A-88105-115	1	70.4	113	1	1	1	23	500
DH-1A-88115-118	1	85.3	133	1	3	3	27	335
DH-2-88175-185	1	93.2	256	1	3	2	29	350
DH-2-88185-195	1	79.9	92	1	2	1	22	830
DH-2-88195-205	1	105.4	227	1	2	1	25	910
DH-2-88205-215	1	77.5	75	1	2	1	26	275
DH-2-88215-225	1	107.5	58	1	2	1	24	360
DH-2-88225-235	1	70.6	60	1	2	1	20	230
DH-2-88235-245	1	80.5	53	1	2	1	21	405
DH-2-88245-255	1	95.5	375	1	2	3	29	495
DH-2-88255-265	3	38.5	349	1	2	1	21	540
DH-2-88265-275	1	145.9	159	1	4	1	27	330
DH-12-88015-025	1	67.5	278	1	4	1	23	615
DH-12-88025-035	1	44.6	639	1	2	1	21	375
DH-12-88035-045	1	50.3	211	1	3	2	23	450
DH-12-88045-055	1	47.6	1999	1	4	1	22	820
DH-12-88055-065	1	36.1	205	1	3	1	21	550
DH-12-88065-075	1	35.0	267	1	3	1	22	570
DH-12-88075-085	1	27.8	1020	1	3	1	21	710
DH-12-88085-095	1	33.8	148	1	2	1	20	645
DH-12-88095-105	1	36.6	119	1	2	1	21	395
DH-12-88105-115	1	42.0	119	1	2	1	21	355
DH-12-88115-125	1	41.5	260	1	3	1	20	450
DH-12-88125-135	1	38.0	108	1	3	2	23	480
DH-12-88135-145	1	32.1	98	1	2	1	19	335
DH-12-88145-155	2	19.4	226	1	1	1	18	230
DH-12-88155-160	9	12.9	311	1	1	1	17	460

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TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: SHANGRI-LA
Project: TILTHADE LAKE
Attention: E.LIVGARD

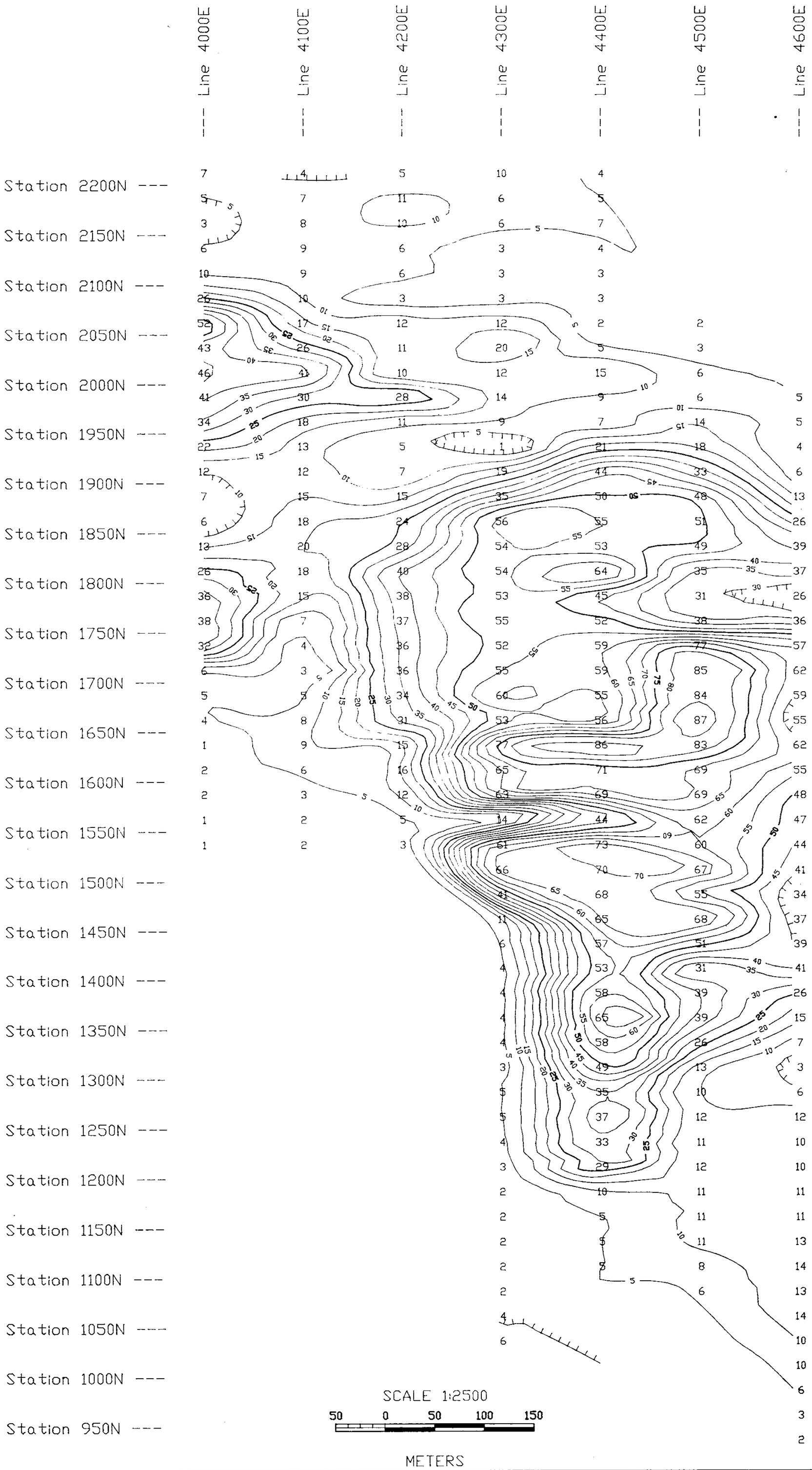
File: 8-1375/P1
Date: AUG 29/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
#9-255-265	.189	.01	.02	1.8	0.05	.49	0.014

Certified by _____

MIN-EN LABORATORIES LTD.



SCALE 1:2500

50 0 50 100 150

METERS

DIPOLE WIDTH: 25m

CONTOUR INTERVAL: 5 msec

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,208

KEMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

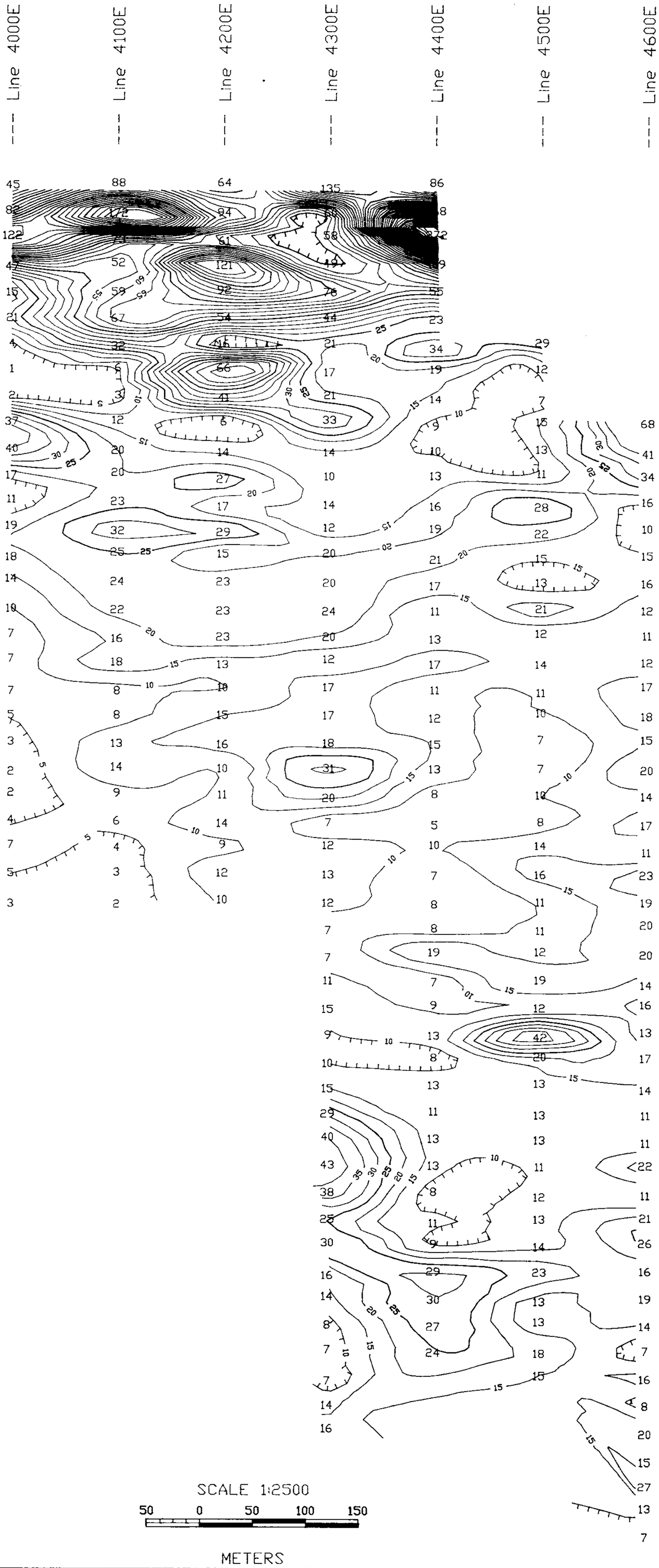
BY: SHANGRI-LA MINERALS LIMITED

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

INDUCED POLARIZATION
PLAN MAP OF
CHARGEABILITY (Mt)
N = 1

OMINECA M.D., B.C.

N.T.S.: 94E/2, 94D/15	DATE: DECEMBER 1988
PLOTTED BY R.P.M.	FIGURE NO. 7a



SCALE 1:2500

50 0 50 100 150

METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,208

DIPOLE WIDTH: 25m

CONTOUR INTERVAL: 5 Ohm-m * 10

KEMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

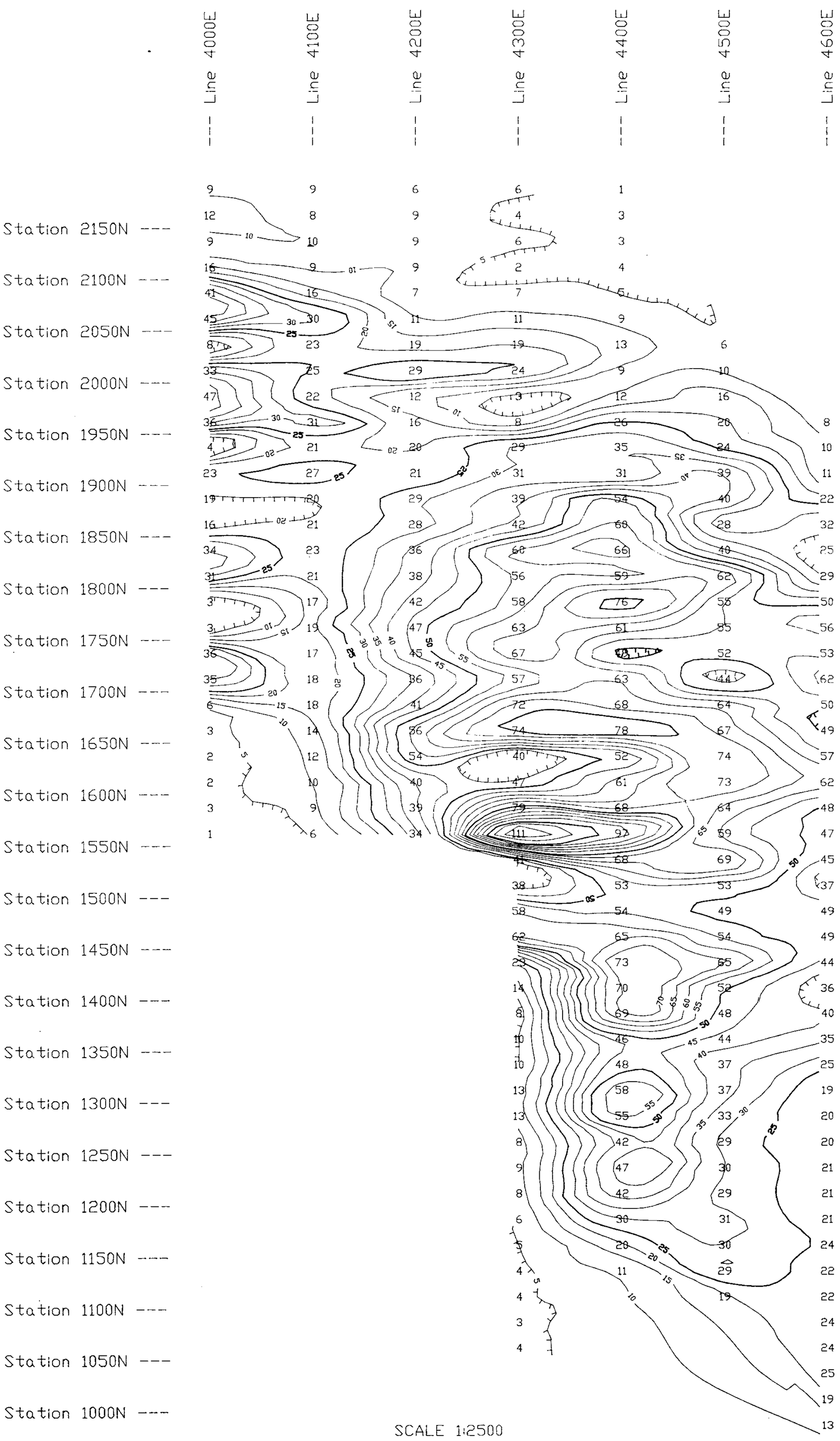
BY: SHANGRI-LA MINERALS LIMITED

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

INDUCED POLARIZATION
PLAN MAP OF
APPARENT RESISTIVITY (RHO)
N = 1

OMINECA M.D., B.C.

N.T.S.: 94E/2, 94D/15	DATE: DECEMBER 1988
PLOTTED BY R.P.M.	FIGURE NO. 7b



SCALE 1:2500

50 0 50 100 150

METERS

DIPOLE WIDTH: 25m

CONTOUR INTERVAL: 5 msec

GEOLOGICAL BRANCH ASSESSMENT REPORT

18,208

KEMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

PLOTTED BY: RPM MAPPING AND COMPUTER SERVICES LTD.

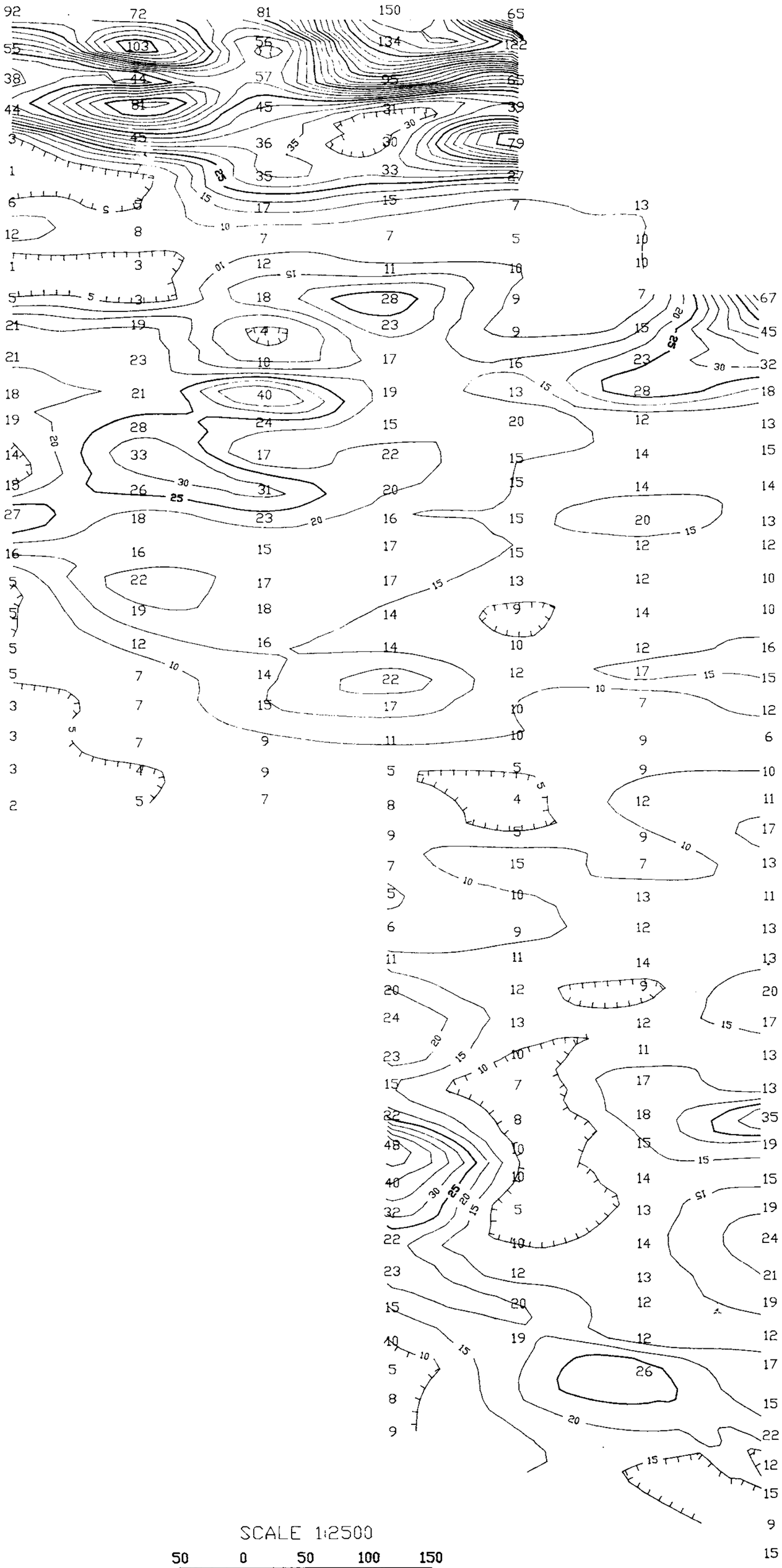
INDUCED POLARIZATION PLAN MAP OF CHARGEABILITY (Mt) N = 3

OMINECA M.D., B.C.

N.T.S.: 94E/2, 94D/15	DATE: DECEMBER 1988
PLOTTED BY R.P.M.	FIGURE NO. 8a

Line 4000E --- Line 4100E --- Line 4200E --- Line 4300E --- Line 4400E --- Line 4500E --- Line 4600E

Station 2150N ---
Station 2100N ---
Station 2050N ---
Station 2000N ---
Station 1950N ---
Station 1900N ---
Station 1850N ---
Station 1800N ---
Station 1750N ---
Station 1700N ---
Station 1650N ---
Station 1600N ---
Station 1550N ---
Station 1500N ---
Station 1450N ---
Station 1400N ---
Station 1350N ---
Station 1300N ---
Station 1250N ---
Station 1200N ---
Station 1150N ---
Station 1100N ---
Station 1050N ---
Station 1000N ---



SCALE 1:2500

50 0 50 100 150

METERS

DIPOLE WIDTH: 25m

CONTOUR INTERVAL: 5 Ohm-m * 10

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,208

KEMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED

PLOTTED BY: RPM MAPPING
AND COMPUTER SERVICES LTD.

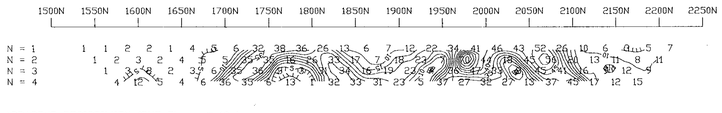
INDUCED POLARIZATION
PLAN MAP OF
APPARENT RESISTIVITY (RHO)
N = 3

OMINECA M.D., B.C.

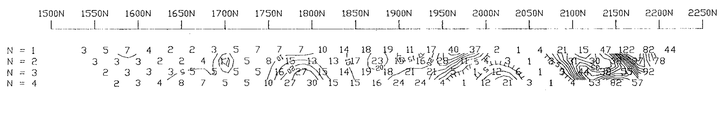
N.T.S.: 94E/2, 94D/15	DATE: DECEMBER 1988
PLOTTED BY R.P.M.	FIGURE NO. 8b

LINE 4000E

CHARGEABILITY (Mt msec)

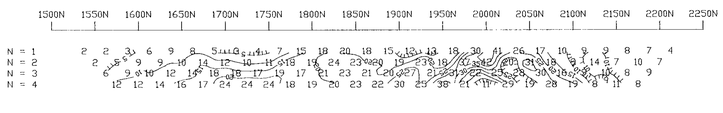


APPARENT RESISTIVITY (RHO Ohm-m * 10)

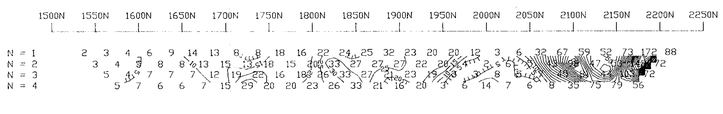


LINE 4100E

CHARGEABILITY (Mt msec)

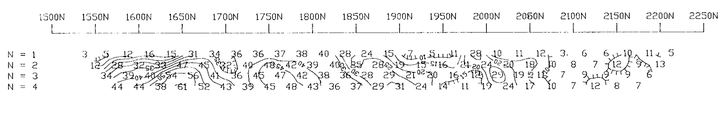


APPARENT RESISTIVITY (RHO Ohm-m * 10)

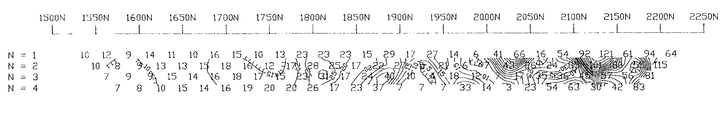


LINE 4200E

CHARGEABILITY (Mt msec)

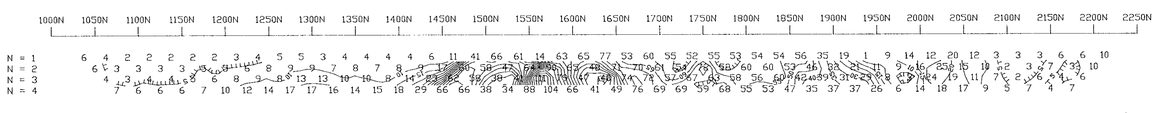


APPARENT RESISTIVITY (RHO Ohm-m * 10)

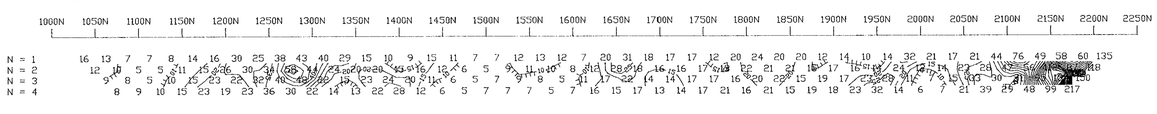


LINE 4300E

CHARGEABILITY (Mt msec)

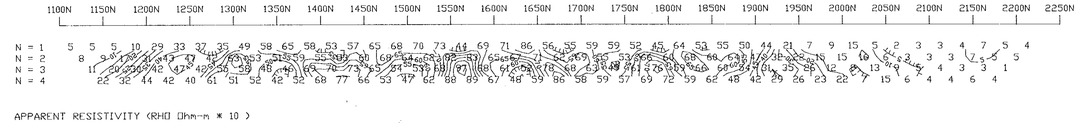


APPARENT RESISTIVITY (RHO Ohm-m * 10)

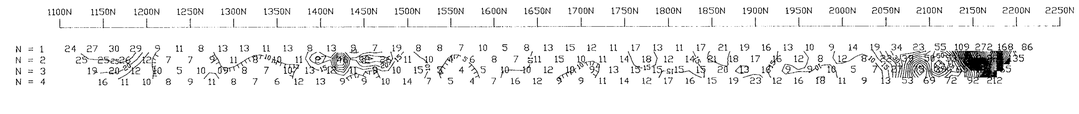


LINE 4400E

CHARGEABILITY (Mt msec)

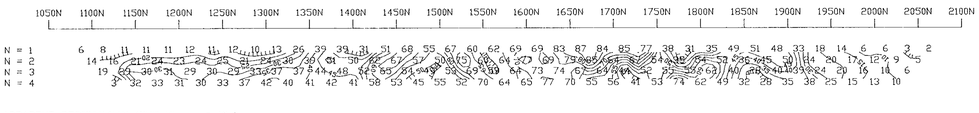


APPARENT RESISTIVITY (RHO Ohm-m * 10)

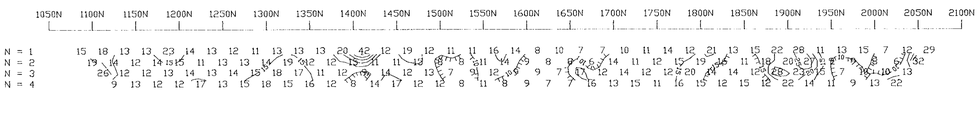


LINE 4500E

CHARGEABILITY (Mt msec)

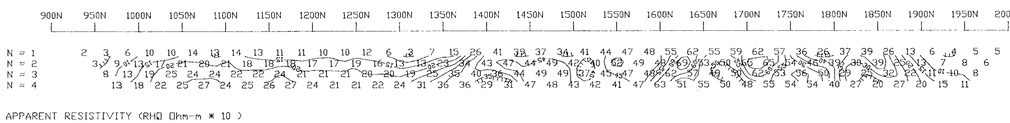


APPARENT RESISTIVITY (RHO Ohm-m * 10)

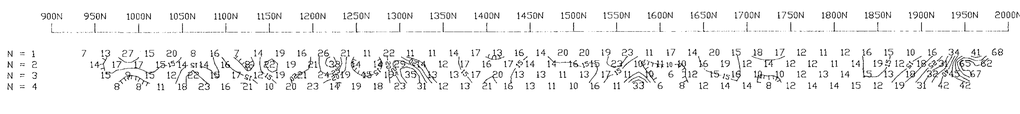


LINE 4600E

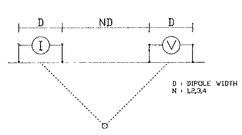
CHARGEABILITY (Mt msec)



APPARENT RESISTIVITY (RHO Ohm-m * 10)

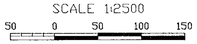


DIPOLE - DIPOLE ARRAY



CONTOUR INTERVALS
CHARGEABILITY (Mt): 5 msec
APPARENT RESISTIVITY (Rho): 5 Ohm-m*10

SCALE 1:2500



METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,208

KEMESS CREEK PROJECT

FOR: ST. PHILLIPS RESOURCES INC.

BY: SHANGRI-LA MINERALS LIMITED
PLOTTED BY: RPM MAPPING
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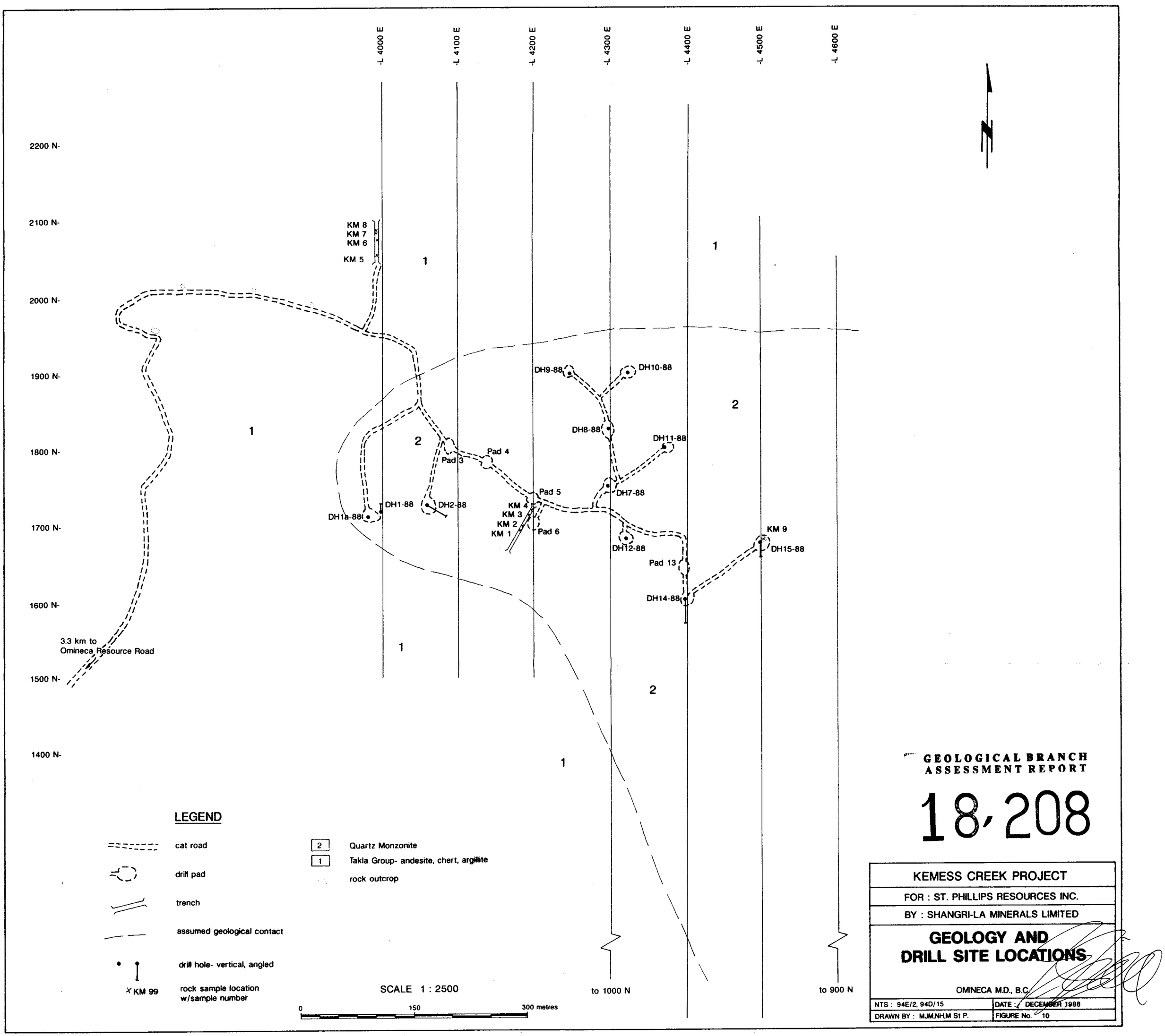
INDUCED POLARIZATION
PSEUDOSECTIONS
DIPOLE - DIPOLE ARRAY
DIPOLE WIDTH: 25m
LINES 4000E - 4600E
OMINECA M.D., B.C.

N.T.S.: 94E/2, 94D/15	DATE: DECEMBER 1988
PLOTTED BY R.P.M.	FIGURE NO. 9



LEGEND

- cat road
- drill pad
- trench
- assumed geological contact
- drill hole- vertical, angled
- X KM 99 — rock sample location w/sample number
- 2 — Quartz Monzonite
- 1 — Takla Group- andesite, chert, argillite
- rock outcrop

SCALE 1 : 2500

0 150 300 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,208

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

GEOLOGY AND DRILL SITE LOCATIONS

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : DECEMBER 1988
DRAWN BY : MJM,NH,M St P.	FIGURE No. 10

-L 4000 E
-L 4100 E
-L 4200 E
-L 4300 E
-L 4400 E
-L 4500 E
-L 4600 E

2200 N-
2100 N-
2000 N-
1900 N-
1800 N-
1700 N-
1600 N-
1500 N-
1400 N-

DH9-88
DH10-88
DH8-88
DH11-88
Pad 4
Pad 3
Pad 5
DH7-88
DH2-88
DH1-88
DH1a-88
Pad 6
DH12-88
DH15-88
Pad 13
DH14-88

3.3 km to
Omineca Resource Road

to 1000 N

to 900 N

LEGEND

- cat road
- drill pad
- trench
- drill hole- vertical, angled
- Au geochemistry 300 ppb contour (1987)
- Cu geochemistry 1250 ppm contour (1987)
- lines surveyed by induced polarization
- highly anomalous induced polarization responses
- anomalous induced polarization responses

SCALE 1 : 2500

0 150 300 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,208

KEMESS CREEK PROJECT

FOR : ST. PHILLIPS RESOURCES INC.

BY : SHANGRI-LA MINERALS LIMITED

COMPILATION MAP

OMINECA M.D., B.C.

NTS : 94E/2, 94D/15	DATE : DECEMBER 1988
DRAWN BY : MJM,NH,M St P.	FIGURE No. 12