MAP NO.	ASSESSMENT REPORT	X	DOCUMENT NO.:	092530
115 P 14 E	PROSPECTUS		MINING DISTRICT:	DAWSON
	CONFIDENTIAL	X	TYPE OF WORK:	GEOPHYSICAL, CHEMICAL MAPPING
	OPEN FILE			

REPORT FILED UNDER: Secret Pass Minerals Corporation

DATE PERFORMED: June-July, 1988 DATE FILED: Sept. 9, 1988

LOCATION: LAT.: 63° 50' W AREA: Clear Creek

LONG.: 137° 20' W VALUE $: ~~76,000.00~~ 31,900.00

CLAIM NAME & NO.: RAIN 1, 3, 5, 7, 9, 11, 13 YA31503-509 INC
RAIN 2, 4, 6, 8, 10, 12, 14, 15 YA31510-517 INC
RAIN 25, 27 YA31522,523
RAIN 16 YA31525
RAIN 26, 28 YA31530,531
WIND 2, 4, 6, 8, 10 YA31855, 57, 59, 61, 63
SLEET 7-24 YB04262-279
SLEET 33-59 YB04280-306
SLEET 61 YB04307
SLEET 63-68 YB04308-313
SLEET 69-84 YB04414-04429
SLEET 89-110 YB04430-04453
SLEET 111-144 YB04314-04347

In 1988 the exploration program consisted of grid construction, topographic surveys, VLF-EM and IP surveys, rock and soil sampling, geological mapping and prospecting. Two main areas were explored, the Harper grid and the Rhosgobel grid. A total of 225 soil samples were collected from the Harper grid. Some anomalous values were encountered in areas of VLF-EM anomalies, with gold in soil ranging as high as 930 ppb and arsenic values up to 225 ppm. Eighteen rock samples were collected from the property. A sample of massive pyrite from a trench in the Left Clear Creek valley returned a value of 8960 ppb gold, greater than 10 000 ppm arsenic and 165 ppm antimony. A sample of silicified, clay altered quartz monzonite from the Rhosgobel grid returned a value of 140 ppb gold, 460 ppm arsenic and 20 ppm antimony. The IP survey outlined an anomaly in the channel of Left Clear Creek which coincided with an area of pyrite-gold mineralization encountered in earlier trenching.

WORK DONE BY: J.C. Stephen

WORK DONE FOR: Secret Pass Minerals Corporation

DATE TO GOOD STANDING	REMARKS: #61 SLEET

OFFICE OF THE REGIONAL MANAGER
MINERAL RIGHTS
SEP 16 1988
WHITEHORSE
YUKON TERRITORY

PROGRESS REPORT ON GEOPHYSICS, GEOCHEMISTRY, AND MAPPING

ON THE

RAIN, WIND AND SLEET CLAIMS
LEFT CLEAR CREEK, YUKON
NTS 115P/14E

092530

Latitude 63° 50'N / Longitude 137° 20'W

WORK DONE: JUNE, JULY 1988

BY

J.C. STEPHEN EXPLORATIONS LTD.

SEP - 6 1988

FOR

SECRET PASS MINERALS CORPORATION

August 20, 1988

This report has been examined by the Geological Evaluation Unit under Section 53 (4) Yukon Quartz Mining Act and is allowed as representation work in the amount of $31 900.00 .

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

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SUMMARY

Discovery of a one metre thick band of apparently stratabound gold-bearing pyrite mineralization at the bottom of Harper's deep placer mining trench led to acqusition of the RAIN, WIND and SLEET claims by Secret Pass Minerals Corp. in September 1987. A preliminary program of linecutting, VLF-EM and I.P. surveying was conducted late in the season and resulted in recommendations to detail and expand on the survey area to develop drill targets.

The current program of VLF-EM and I.P. surveys has detailed strong geophysical anomalies in the vicinity of the 1987 pyrite discovery. Drilling is recommended and four drill sites have been located.

Geochemical analysis of soil samples has demonstrated that arsenic is a useful pathfinder element and that soil sampling would be a useful method for further surface exploration on the property. A significant gold-arsenic anomaly coincident with the strongest VLF-EM anomaly is recommended for tractor trenching.

Examination of the site of geochemical gold anomalies on the RAIN claims, outlined by Canada Tungsten in 1981, failed to document the spacing and orientation of quartz veins in the indicated stockwork areas. Tractor trenching has been laid out to attempt to strip undisturbed bedrock, but access to the area is relatively difficult.

As recommended for Phase I exploration, tractor trenching has been laid out as follows:

1) three trenches across the placer working area in an attempt to explore the most shallow I.P. anomalies and to locate the major N70°E fault zone;

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2) three trenches on the Rhosgobal grid gold anomaly in the saddle at 5700N, 4000E on the RAIN claims;

3) two, or more, trenches on lines 59E and 61E at about 34N to explore an indicated breccia zone and the gold arsenic anomaly overlying the main VLF-EM anomaly;

4) trenches on RAIN 6 to expose the source of abundant quartz float;

5) trenches near the No. 1 post of RAIN 1, 2 to further explore the supposed granite-schist contact and to provide assessment work credits;

6) extension of the tractor road on RAIN 7 - 10 to gain access to the Rhosgobal grid gold anomalies.

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LOCATION AND ACCESS

The Rain Wind and Sleet claims are located approximately 45 miles (72 km) west of Mayo, Yukon in the upper Left Clear Creek valley extending easterly to near the height of land at the headwaters of that drainage. The property is reached by 22 miles (36 kilometers) of narrow gravel and dirt road from the Klondike Highway at Barlow Lake to Left Clear Creek and 5 miles (8 kilometers) of gravel track from that point to the property. This latter portion of the road fords the creek drainage at several points but is generally passable except during extreme high water periods.

The Barlow Lake turn off to Left Clear Creek is located in a gravel pit on the north side of the Klondike Highway 43 miles (70 kilometers) west of Stewart Crossing. The distance from Whitehorse, by paved highway, to Barlow Lake is 260 miles (432 kilometers).

The portion of the road from Barlow Lake to Left Clear Creek crosses Barlow Creek about 2 miles north of the highway and climbs to the height of land for most of its course. The slopes and switchbacks down to the valley of Left Clear Creek are relatively sharp, narrow and steep. Under slippery conditions the road is passable with some difficulty.

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TOPOGRAPHY

Barlow Lake is at an elevation of under 2,000 feet while the road to Left Clear Creek rises to an elevation of 4,375 feet along the crest of the ridge. Left Clear Creek flows from an elevation of 5,940 feet at its headwaters to 3,500 feet at the Blackstone Placer Mining Camp and to about 2,400 feet where it joins Clear Creek.

The hills along Left Clear Creek are generally rounded with local areas of steep and rugged outcrop. Permafrost underlies large areas particularly on the northern slopes. Forest cover consists of spruce, pine, birch and alder with considerable buck brush. North slopes are often covered by rather scattered black spruce and buck brush reflecting permafrost conditions.

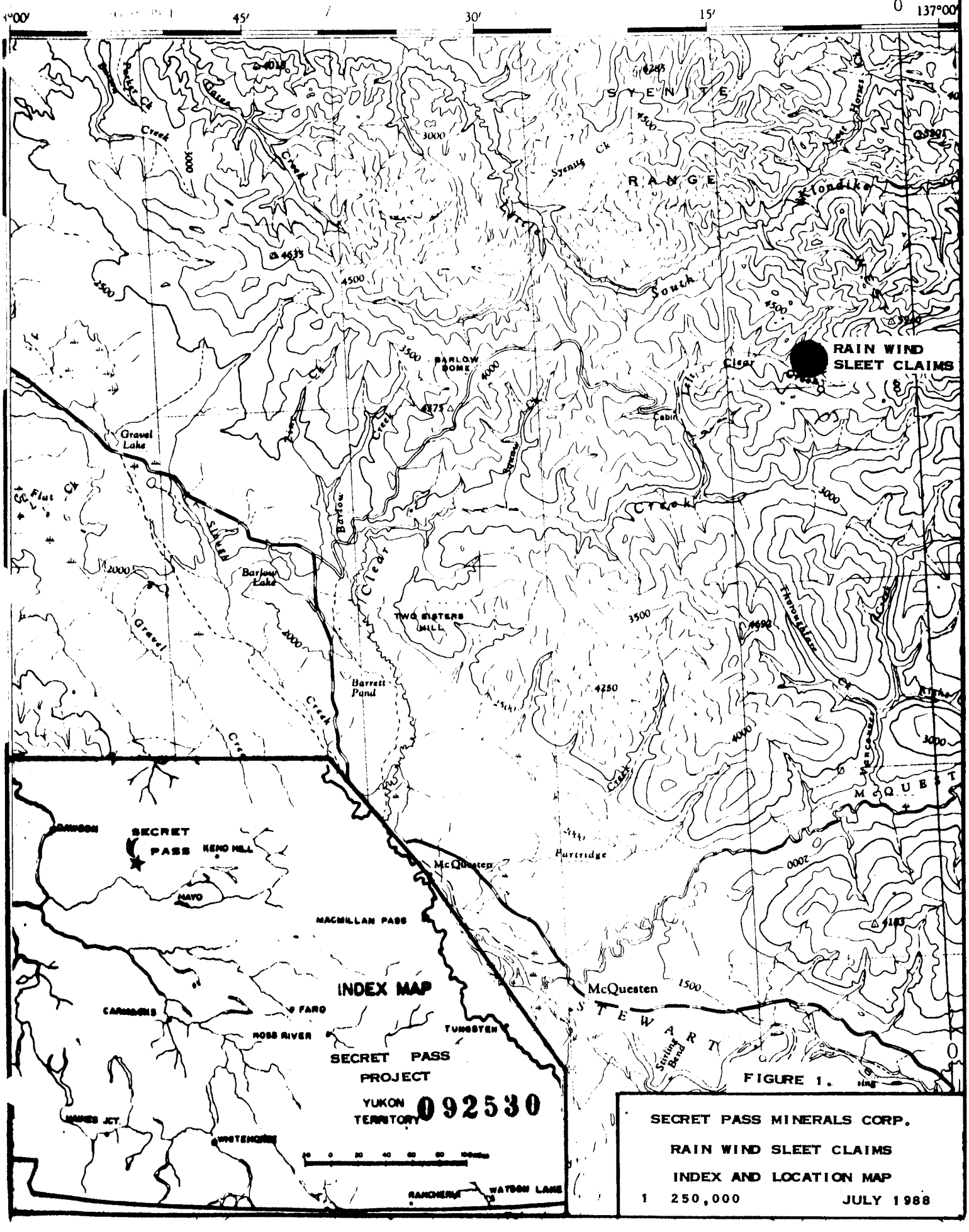

45'
30'
15'
137°00'
RAIN WIND
SLEET CLAIMS
Klondike
Gravel Lake
Barlow Lake
Barrett Pond
TWO SISTERS MILL
McQuesten
Hartridge
Stirling Bend
INDEX MAP
SECRET PASS
PROJECT
YUKON TERRITORY
092530
DAWSON
SECRET PASS
KENO HILL
MAYO
MACMILLAN PASS
CARMACKS
FARO
ROSS RIVER
TUNGSTEN
WATSON LAKE
RANCHERIA
SECRET PASS MINERALS CORP.
RAIN WIND SLEET CLAIMS
INDEX AND LOCATION MAP
1 250,000
JULY 1988

FIGURE 1.

PROPERTY DEFINITION AND CLAIM STATUS

The claims held by Secret Pass Minerals Corp. under an option agreement with Blackstone Placer Mining company of Whitehorse, Yukon are as follows:

Claims	Record Numbers	Date of Expiry
Rain 1,3,5,7,9,11,13	YA 31503 - 509 (inc)	Sept. 5, 1988
Rain 2,4,6,8,10,12,14,15	YA 31510 - 517 (inc)	Sept 5, 1988
Rain 25,27	YA 31522, 523	Sept 5, 1988
Rain 16	YA 31525	Sept 5, 1988
Rain 26,28	YA 31530, 531	Sept 5, 1988
Wind 2,4,6,8,10	YA 31855, 57, 59, 61, 63	Oct. 24, 1988
Sleet 7 - 24	YB 04262 - 279	Oct. 7, 1988
Sleet 33 - 59	YB 04280 - 306	Oct. 7, 1988
Sleet 61	YB 04307	Oct, 7, 1988
Sleet 63 - 68	YB 04308 - 313	Oct. 7, 1988
Sleet 69 - 84	YB 04414 - 04429	Oct. 16, 1988
Sleet 89 - 110	YB 04430 - 04453	Oct. 16, 1988
Sleet 111 - 144	YB 04314 - 04347	Oct. 7, 1988

As shown by Figure 2 and Map I, the Secret Pass property includes several small fractional claims along its eastern boundary. These result from the uncertainty of location inherent in the 2 post method of claim staking used in the Yukon. Considerable effort was used to locate some of the original RAIN and WIND claim posts to determine the ground covered by these "senior" claims. Posts belonging to the adjoining RUM claims, which precede staking of the SLEET claims, were then located to determine their relationships to the RAIN claims. Finally, the newer SLEET posts were located and claim tags were affixed. Location of these posts in the area of Rhosgobel Grid are plotted on Maps I and III.

The actual location of the WIND claim posts, in relation to the Harper Zone, is shown on Maps I and II.

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SECRET PASS MINERALS CORP.

RAIN WIND SLEET CLAIMS

NTS 115P/14

CLAIM MAP J32530

1 50,000 AUGUST 1988

FIGURE 2

HISTORY AND WORK SUMMARY

Placer gold mining, and prospecting of silver, gold, antimony, copper, tungsten and tin occurrences, has been pursued in this district for many years with added impetus being given on publication of geological maps by Bostock in 1942 and development of improved roads up to the present.

In 1980 - 81 Canada Tungsten Mining Corporation Ltd. acquired large blocks of claims in the Dublin Gulch and Clear Creek areas and carried out extensive programs in search of tungsten and, to a much lesser extent, tin and gold. On Left Clear Creek, Canada Tungsten did extensive mapping and geochemical surveys. Some trenching and sampling was done on tungsten bearing skarns but no work was done to follow up on geochemical gold anomalies. The original claim group was gradually reduced to the Rain and Wind claims located as several non-contiguous claims covering various mineral showings and anomalies.

During 1986 Scottie Thom, prospector, discovered massive pyrite float on the south side of Left Clear Creek. These float samples returned high assay values in gold. During June 1987 placer operations conducted by Blackstone Placer Mining Company encountered heavy pyrite mineralization in a deep trench cutting into bedrock. The showing was examined by J.C. Stephen and recommended to principals of Secret Pass. During September and October 1987 Secret Pass conducted a program of line cutting, geophysical surveying and rock sampling. The property was examined on behalf of Secret Pass by D.G. Allen, P.Eng., and his report was used as part of the Secret Pass prospectus of effective date March 25, 1988.

The current work program completed to July 15, 1988 consisted of:

a) rehabilitation of 10 km of earlier grid lines;
b) cutting of 10 km of new base line and picket line;
c) location of the Rhosgobel grid (1981) and connection of this grid to the Harper Zone grid;
d) location of RAIN and WIND claim posts;
e) placing of claim tags on SLEET claims;

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f) detailed topographic survey of the creek channel and placer workings in the Harper Zone area;

g) 1.5 km of VLF-EM survey;

h) 8.7 km of pole-dipole IP survey using 25 metre spacing and four separations;

i) 2.4 km of dipole-dipole IP survey using 50 metre spacing and four separations;

j) prospecting for float or rock outcrop in the vicinity of earlier VLF-EM anomalies and mineralized float occurrences;

k) soil sampling over designated geophysical anomalies and a portion of the Harper Zone grid;

l) limited geological mapping in detail in the Harper Zone area and as reconnaissance on the Rhosgobel grid.

REGIONAL GEOLOGY

The following brief description is taken from "Tin and Tungsten Veins and Skarns in the McQuesten River Area, Central Yukon" by D.S. Edmond in Yukon Geology Volume 1, 1984.

> "The McQuesten area is in the northwestern Selwyn Basin and is underlain mainly by Upper Precambrian to Lower Cambrian metasedimentary rocks of the 'Grit Unit'. To the north, these rocks are thrust on to by Ordovician to Devonian Road River Formation sedimentary rocks. Numerous small, high level, acid intrusions and some coeval volcanic rocks, in the southeast part of the area are Cretaceous.
>
> The Grit Unit is a homogeneous, thick, blocky grey-weathering unit consisting of highly deformed, greenschist facies metamorphosed quartzite quartz-mica schist and phyllite with minor intercalated limestone, dolomite and amphibolite. A large NE trending anticline, "the McQuesten Anticline" traverses through the area, just north of the McQuesten River. Foliation dips shallowly northwest to the north and shallowly southeast to the south of the anticline.
>
> Cretaceous intrusions vary from syenite in the north to granite and quartz monzonite in the south and centre. Most are stocks, plugs and dykes; the latter are locally sheeted. These intrusive rocks are grey to

orange-weathering and predominantly feldspar-quartz porphyries. Feldspar phenocrysts are up to 10 centimeters in length, but more commonly 0.5 to 2.0 centimeters. Biotite is the dominant mafic mineral, and commonly makes up 5 to 10% of the rock. Hornblende occurs with biotite in the syenite. Creamy weathering aplite dykes are found in contact zones of many stocks and plugs.

Vertically columnar-jointed, grey-weathering, porphyritic hornblende rhyolite flows located just southeast of Mayo Lake, likely represents a down faulted remnant of flows coeval with the Cretaceous intrusions."

Figure 3 is reproduced from mapping by Bostock and published as Map 1143A, McQueston. Descriptive notes reproduced in part from that map give a more complete description of located formations. Rocks of Unit 4 underlie the area of interest on the Harper Grid and are intruded by Unit 14 intrusives on the Rhosgobel grid.

PROPERTY GEOLOGY

Along the road from the Dawson Highway to Left Clear Creek extensive quartzite outcrops occur, occasionally with masses of white bull quartz. On the downgrade to Left Clear Creek occurrences of black argillite were noted.

In the vicinity of the WIND claims gently dipping quartzites are essentially the only outcrops and the main placer channel has been cut into these formations to depths of up to 14 feet where they are highly fractured along a major fault in the bed of Left Clear Creek. Similar quartzites were observed up the creek toward the Rhosgobel grid to the contact of the granitic intrusives.

Minor granitic dykes occur and granitic intrusives have been mapped in the Rhosgobel grid area on the RAIN claims. Skarns developed within the quartzite sequence indicate calcareous horizons and these were mapped and explored for tungsten by Canada Tungsten in 1981.

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LEGEND

Scale: One Inch to Four Miles = $\frac{1}{253,440}$

4 2 0 4 8 12 Miles

CENOZOIC

QUATERNARY
POST-GLACIAL

20 — Stream deposits, alluvium

21 — Surficial deposits undivided

TERTIARY AND LATER
PLIOCENE (?) AND LATER

Stream deposits, alluvium; 19a, "White Channel gravel"

SELKIRK GROUP

Basalt, andesite

TERTIARY
LATE TERTIARY

17a, rhyolite, trachyte; 17b, granite and syenite porphyries, trachyte

EOCENE (?) OR LATER
CARMACKS GROUP

16 — Andesite, rhyolite, trachyte, dacite

EOCENE (?)

Conglomerate, arkose, sandstone, silt, clay

MESOZOIC

JURASSIC AND/OR CRETACEOUS
COAST INTRUSIONS (13, 14)

Granite, granodiorite, quartz monzonite

13 — Syenite, monzonite

12 — Gabbro, peridotite, serpentine, diorite

CARBONIFEROUS (?) TO (?) CRETACEOUS

11 — Andesite, trachyte

10a, conglomerate, chert, tuff, slate; 10b, phyllite, quartzite; 10c, quartzite, chert, phyllite, limestone

PALÆOZOIC

ORDOVICIAN (?) OR LATER

9 — Quartzite, slate, sandstone, conglomerate; 9a, conglomerate

8 — Limestone, slate, phyllite, quartzite

ORDOVICIAN (?) OR EARLIER

7. Varicoloured slate
6. Quartzite, slate, phyllite, limestone

PROTEROZOIC

KLONDIKE GROUP

5 — Schist, orthogneiss

YUKON GROUP (1–4)

4 — Schist, quartzite, phyllite, limestone

3 — Schist, quartzite, limestone

Quartzite, schist

1 — Paragneiss, quartzite, schist, phyllite, limestone

Geological boundary (approximate, assumed)
Limestone of various ages
Bedding, tops known (inclined, overturned)
Bedding, tops unknown (horizontal, inclined, vertical)
Schistosity, foliation (inclined, vertical)
Fault (defined, approximate, assumed)
Anticline
Glacial striæ
Drumlin (direction of ice movement known)
Limit of last glacial advance (defined, approximate)

Geology by H. S. Bostock, 1946-1949

Cartography by the Geological Survey of Canada, 1963



DESCRIPTIVE NOTES

Tintina Trench is a zone of intense fracturing, faulting, and shearing, the geology on either side being notably dissimilar.

Units 1 to 4, the Yukon Group, contain metamorphic rocks of sedimentary, volcanic, and unknown origin and of Precambrian or uncertain age.

Unit 1 consists of hornblende, quartz, feldspar, and mica paragneisses, interbedded with micaceous quartzite, quartz-mica schist and limestone. In the southwest, gneiss predominates, whereas east of White Mountains, the rocks are dominantly thinly bedded, fine-grained, dark quartzite interbedded with mica and graphitic schists. In a few places this quartzite contains quartz pebbles. In general, the degree of metamorphism in unit 1 is more intense to the southwest, and in all of it is more intense than in the units of the Yukon Group northeast of Tintina Trench.

Unit 2 is characterized by grey, massive, blocky fracturing quartzite interbedded with schist. It is overlain by unit 3 characterized by mica and graphitic schists, with minor quartzite and limestone. This is in turn overlain by unit 4, characterized by mica schist and micaceous quartzite in beds less than a foot thick. Much of it is very uniform, the beds alternating with gradational contacts for great thicknesses. Many of the rocks of unit 4 are brown and contain rounded sand grains and quartz pebbles ⅛ to ¼ inch, rarely 1 inch long. Between Moose and Bear Creeks, thinly bedded, grey quartzite with thin interbeds of mica schist forms much of this unit. Massive lenses of light grey to white, coarsely crystalline limestone occur in units 1, 3, and 4.

The Coast Intrusions comprise a wide range of intrusive rocks ranging from moderately alkaline and mafic (13) to felsic and acidic (14) types. Some bodies of unit 13 are intruded by rocks of unit 14 but, in places, the contacts are gradational. Rocks of both units are intrusive into those of unit 10c, and unit 14 has contributed boulders to unit 15. The age of units 13 and 14 therefore conforms in a general way with that of the Coast Intrusions elsewhere. In the southeast, near Grand Valley Creek, however, some crushed and foliated bodies mapped as unit 14 resemble unit 5 and may be older. It is possible also that some bodies of unit 12 are early, mafic or ultramafic phases of the Coast Intrusions.

Syenite Range is formed of a composite stock with a core of granite (14) grading outward to a rim of coarse, porphyritic syenite (13), 80 per cent of which consists of large, tabular, Carlsbad-twinned albite phenocrysts. The groundmass contains hornblende, biotite, two feldspars and a little quartz. Accessory minerals include titanite, allanite, and an unusual abundance of tourmaline. Towards the centre of the stock the proportion of groundmass to phenocrysts increases, and in the granitic core the feldspar phenocrysts are stubby but scarce.

Sills and dykes of unit 14, though mainly granite and granodiorite, include quartz monzonite, quartz diorite, and near the Syenite Range, syenite.

Along Tintina Trench, northeast and southwest of it, and around North Crooked Creek, most of unit 14 is composed of coarse, light grey granite, commonly containing abundant phenocrysts of large Carlsbad-twinned feldspar. Some parts of the larger bodies near Tonsure Mountain are foliated, showing gneissic and rarely schistose structures. In this neighbourhood also, bodies rich in hornblende with white feldspar occur in unit 14. Some of the bodies of unit 13, north, south, and southwest of Lake Creek, are coarse and porphyritic, others are uniform and medium grained. The feldspar is mainly pink, and the biotite and hornblende content varies greatly. Locally much pegmatitic material is present. Much of the syenite west of Airstrip Creek is foliated, crushed, and altered.

MAP 1143A

GEOLOGY

McQUESTEN

YUKON TERRITORY

Unit 18 consists of lava flows occurring in valleys, covering, and in places covered by, gravels of unit 19. Some flows have been partly dissected by streams; others, which have rough, partly ropy, cavernous surfaces, are not covered by soil. These rocks are typical of, and in part continuous with, areas of the Selkirk group in Carmacks map-area.

The surficial deposits range in age from pre-Pleistocene, to the present. The "White Channel gravels" (19a) are the oldest. They are more than 100 feet thick and lie on granite (14) and are overlain with a sharp, horizontal contact by brown gravels (19b). Unit 19a is mainly composed of well-rounded, slightly polished stones of the toughest of the local rocks, white vein-quartz and quartzite with some foreign black and grey chert. Schist and other dark, originally ferruginous rocks have been leached of their iron content. Though most of the stones are 3 inches or less in length, a few are as long as 10 inches. They are unsorted but their longer dimensions are horizontal. Unit 19a except for the foreign chert, is typical of the White Channel gravels of the Klondike.

A mantle of brown or rusty overburden (19) composed of gravel and alluvium is widespread in the north and southwest. It consists of rounded pebbles and cobbles, largely of tough foreign rocks such as chert, quartzite, diorite and greenstones, but includes a few local types. These materials form, in places, modified terraces where they are as much as 200 feet thick. North of Barrett Pond, the surface material is a gravelly soil with large, angular, local and foreign rocks and rounded and wind-facetted stones. It resembles a till. At Belleview Point, about 75 feet of these gravels is exposed overlying and containing materials of unit 15. At this locality they are well sorted and largely lacking in grains smaller than ¼ inch long. Most of the coarser-textured rocks crumble when disturbed. Brown gravel of this unit lies on the west slope of the hill north of Stevens Roadhouse, at elevations up to 3,000 feet; it contains foreign boulders as large as 5 x 3 x 2 feet of chert and conglomerate. The conglomerate is composed of chert and quartzite stones in a siliceous cement.

Northwest of Goldspring Mountain, very coarse, rounded stones in well-sorted deposits with open interstices, and weathered to light grey lie on the east of the passes up to 3,500 feet. West of upper Lake Creek, thick masses of brown, gravelly overburden, also included in unit 19, disrupt the normal drainage pattern. A few giant, foreign boulders, only movable by ice, occur as high as 3,300 feet in this locality.

Great masses of unit 19 lie in Tintina Trench. To the northwest they are continuous with the late Tertiary, Flat Creek gravels of the Klondike. Near Belleview Point they are overlain by fresh, grey till (21), which suggests a middle or early Pleistocene age for them.

Fresh, light grey overburden, mainly stream deposits and till, (21) is widespread below and southwest of the limit of the last major glacial advance. Included with it are areas of units 19 and 20. In the banks of Stewart River, above Seventeen Mile, a gently undulating sheet of till, 10 to 20 feet thick, lies for several miles between two sets of gravels. A similar section occurs on lower Lake Creek, and the till at Belleview Point is like that in these sections. The till has a silty to clay-like body with scattered stones, commonly as long as 6 inches, and rarely striated boulders. The gravels, both above and below the till, and the till itself, are fresh, except that on Lake Creek, diorite stones in the till and in the gravel under it were seen to be crumbling. Throughout these, and in numerous other exposures of the gravels, the stones are well rounded and their surfaces are coarsely ground. The gravels vary in coarseness and are mingled with sand and silt. They exhibit the typical sorting and bedding of rapid-stream deposits. These materials are believed to be the debris and outwash deposits of the last major glacial advance of the Pleistocene Epoch.

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FIGURE 3

Harper Grid

The near massive pyrite mineralization observed in 1987 at the bottom and face of the placer channel occurs in a slightly darker looking, possibly slightly argillaceous bed. The sulphides occur with considerable sericitic alteration which may be alteration in the mineralized bed or due to alteration along the major fault cutting the zone. Quartzite beds, generally eight to possibly twenty-four inches in thickness, lie both above and below the mineralized horizon. These beds strike approximately N70°E and dip 20° to 30° to the north.

A major fault with 6 to 24 inches white, fine, plastic fault gouge occurs in the bed of Left Clear Creek and has been followed for several hundred feet along the channel by the placer operation. This fault strikes about N70°E and dips 70° north. Branch faults, or possibly intersecting faults, appear in the north wall of the trench and dip at 50° to 65° to the north.

Extensive failure of the trench walls since summer 1987 prevented further direct observation of the pyrite mineralization and of the actual faults during the June-July 1988 mapping program.

Within the schists and quartzite exposed in the trench, minor recumbent folds are commonly observed, fold noses trend about E-W and plunge very gently eastwards. The axial planes are parallel to the foliation. Quartz $\pm$ minor pyrite is occasionally observed to concentrate around the nose of the minor folds. White, massive quartz, devoid of sulphide is commonly observed as lenses or pods in the foliation planes of the meta sediments and occasionally as a highly irregular cross cutting feature. A second variety of quartz is also observed as float and in one exposure of bedrock near the head of the Harper trench. It is a blue grey colour and contains a very fine to extremely fine grained acicular grey mineral and minor pyrite. In float it is observed with sericite/pyrite material and is felt to originate close to a fault. Fragments of massive pyrite were found in the trench rubble. These pieces almost certainly originated from the pyrite exposed in the trench bottom. They are sugary textured masses of pyrite grains, quartz is present interstitially. Textures within the granular pyrite are occasionally suggestive of layering or bedding.

The strong fault with well developed attendant gouge and quartz sericite development reported from the trench bottom before it sloughed in is reported from several locations in the placer excavations and it is believed the zone is continuous. Mr. Harper reports that there are cross cutting "reefs" within the bed rock underlying the creek. The locations of these "reefs" have on occasion been highly productive placer gold locations. Mr. Harper has suggested that 2 types of gold may occur at these sites.

One such "reef" was observed near the present site of the trommel. It is composed in part of a fine grained quartz sericite pyrite schist. A 5 cm quartz vein within the schist is observed to have arsenopyrite. A complete exposure of this zone was not available but it appeared to be faulted on the west side and to cover a width of approximately 1.5 to 2 meters.

Pyritic lumps, portions of thin (2 mm) pyritic beds and arsenopyrite are commonly found in the placer recoveries at this location. The intersections of such cross cutting features with the Left Clear Creek fault are felt to be prime exploration targets. The main showing in the Harper trench may prove to be such an intersection of structures.

Within the gridded area, there is very little exposure of outcropping bedrock. Float within this area is a rusty brown foliated quartzite or grey green, commonly rusty, very thinly foliated or laminated muscovite schist. Locally, almost graphitic looking grey black schists occur. Close examination may show these to be finer grained muscovite/sericite schists rather than graphitic. Fine to coarse grained intergrowths of andalusite (?) are common. Sulphides (py) are commonly observed as films along the partings and foliation planes.

The creek bank and hillside adjacent to the discovery area of the high grade float found by Scottie Thom was searched to no avail for more pieces of float. The character, texture and gold tenure of the pyrite float discovered by Mr. Thom varies significantly from that discovered in the Harper Trench.

It is of speculative interest and consideration that the source of the high grade float may be related to a cross structure leading up the major tributary to the SE

immediately above the float discovery location. Mr. Harper has indicated that there was an irregular lead of coarse placer gold on the south side of the valley below the creek junction and a second one of fine gold and heavy pyrite which ran more or less up the center of the present drainage. This latter is the location of the pyrite mineralization in the Harper Trench.

Preliminary interpretation of IP results lends credence to the presence of an intersecting structure along the tributary creek from the southeast.

The 1987 VLF-EM survey indicated two strong conductive zones, one on either side of the creek entering Left Clear Creek from the southeast. Examination of this area did not reveal any outcrop or float to explain the cause of these anomalies.

A series of 3 back-hoe trenches has been laid out to cross the projected trace of the Left Clear Creek fault. These have been chosen to avail themselves of existing bedrock exposures and space available between the placer tailings piles. Priority should be given to the establishment of further trenches up the southeast tributary.

Rhosgobel Grid

Boulder trains on either side (to east and west) of the main Rhosgobel anomaly are of biotite porphyry feldspar quartz monzonite. Quartz veining, generally barren of sulphides, up to 10 or 15 cm wide are commonly observed in the float. Outcropping of the quartz monzonite occurs on the lower western side of the saddle about 250 metres west of the anomaly. It is felt that there is a good possibility of a N-S trending structure (fault) passing through the saddle area. Linear structures trending in line can be clearly observed to the north and less distinctly to the south. Such structure might account for localized mineralization within the intrusive. A 100 metre trench (TR 88-4) has been laid out, centered on 40+00E 57+00N and running E-W to test bedrock within the anomalous area. Additional or alternative parallel trench sites 50 metres north and south of TR88-4 are also suggested.

Within the creek exposures on the south side of the mountain west of the saddle, coarse boulder float and occasional outcrop is exclusively biotite and minor

hornblende with large (1 to 2 cm) phenocrysts of orthoclase in a quartz monzonite intrusive. It can be found to approximately 525 metres downstream from Line 4000E. At this point the intrusive ends abruptly and quartz rich biotite-quartz gneiss is exposed. The contact was not directly observed but the lack of chilling effects and intrusive veining/dikes and sills into meta-sediments leads to the conclusion that the contact at this point is faulted along 157°/90.

Downstream, there is almost continuous outcrop of hornfelsed meta-sedimentary rocks with an occasional bed or foliated layer of calc-silicate rocks. The sediments are generally rusty, laminar to blocky, schists or gneissic material. Foliation or compositional layering undulates but is generally E-W/25-30° N.

GEOCHEMISTRY

Harper Grid

Specific portions of the Harper Grid were soil sampled to investigate anomalies indicated by the 1987 VLF-EM survey. Results obtained are as follows:

A total of 113 soil samples were collected from specific portions of lines 57E, 59E, 60E, 61E and 62E to investigate areas indicated by VLF-EM Fraser filtered values. Thirty percent of these samples returned less than 5 ppb gold, 50.5% returned 5 to 30 ppb gold, 9.8% returned 31 to 60 ppb gold and 9.7% returned 65 to 930 ppb gold.

Arsenic values ranged to a high of 225 ppm with 51.3% of these values falling between 9 and 30 ppm, 9% between 31 and 40 ppm, 30.6% between 41 and 60 ppm, 6.3% between 61 and 80 ppm and 2.7% over 100 ppm.

Only one sample showed positive correlation of gold and arsenic (70 ppb Au, 150 ppm As).

No mineralization was noted during the sampling and soils are generally classed as till with a large clay component.

These results suggest that gold values in soil for this area may be considered anomalous above 60 ppb. A significant anomaly is indicated on Line 61E coincident with the VLF-EM anomaly. A less well defined zone of gold values occurs on Line 60E along the trend of the VLF anomaly.

No distinct anomaly is evident on the east side of the creek drainage where a similar VLF-EM anomaly is located. This may be due to the silty character of the soils sampled.

For the arsenic values a threshold of 41 to 60 ppm is indicated with samples running greater than 60 ppm being considered anomalous. Since these values do not correlate with the gold values, it appears that either the sources may be different or that the element disperses to a greater distance and that arsenic as a pathfinder element should be considered separately.

By extending the range of values considered to include the range 40 to 60 ppb for gold and 40 to 60 ppm for arsenic, a more interesting pattern emerges for those samples taken on lines 59E, 60E and 61E on the southwest side of the creek. The strongest gold anomaly on line 61E is accompanied by only one threshold value (43 ppm) for arsenic. On line 60E there is a mixed population of gold and arsenic values including the one sample with coincident anomalous values for both elements. On line 59E a broad area of threshold to anomalous arsenic values are accompanied by only one threshold gold value (40 ppb). Importantly this group of anomalous values coincides directly with the indicated Fraser filter VLF-EM anomaly.

Similar treatment of the sample values over the VLF-EM anomaly on the northeast side of the creek shows only a general and rather tenuous correlation of anomalies which, as was suggested above, may be due to the character of the soil.

Soil sampling was conducted on the Harper grid over the area where pyrite float had been reported. Because of deep gravels in the drainage channel, this sampling could not be expected to reflect any response directly from the gold bearing pyrite located in the deep placer trench and the area of deep gravel was not soil sampled.

A total of 112 samples on lines 52E, 53E, 54E, 55, and 56E were taken. These samples were analysed for gold by fire assay and atomic absorption finish. Thirty-two element ICP analysis was used to check for possible pathfinder elements. Analytical results failed to indicate any prominent gold anomaly. The only other element returning possibly significant values was arsenic with values up to 175 ppm.

Gold values range to a high (single sample) of 95 ppb and only 2 samples (1.78%) may be considered anomalous.

Arsenic values range to a high of 175 ppm with 70.5% being in the range of < 5 to 30 ppm and 11.6% ranging from 61 to 175 ppm.

A comparison of the distribution of values obtained over the VLF-EM anomalies and over the supposed pyrite float area are as follows:

Range of Values	Gold Number of Samples VLF-EM Area	/Float Area	Range of Values	Arsenic Number of Samples VLF-EM Area	/Float Area
5	34	56			
5-10	17	28	5-10	3	47
11-20	27	17	11-20	27	16
21-30	13	7	21-30	27	16
31-40	5	2	31-40	12	8
41-50	3	-	41-50	15	9
51-60	4	-	51-60	18	3
61-70	2	-	61-70	7	4
71-80	3	1	71-80	1	2
81-90	1	-	81-90	-	1
91-100	-	1	91-100	-	2
+100	4	-	+100	3	4
	113	112		113	112

As shown on the geochemistry map (Map II) there is an arsenic anomaly on line 56+00E from 45N to about 46N with minor gold values to 35 and 75 ppb. this corresponds to a very weak VLF-EM anomaly and a resistivity IP high. The location is on the outer margin of the IP chargeability high area. The significance of this geochemical anomaly is presently questionable but trenching may be warranted. No distinct anomaly is present which might point to a source of pyritic float.

North of the main placer channel, the geochemical sampling returned arsenic highs on each line ranging from 50 to 165 ppm. These values lie in the hanging wall of the main IP anomaly and suggest that arsenic anomalies, with no coincident gold values, may occur in the vicinity of significant gold mineralization.

Rhosgobel Grid

Aurum Exploration Ltd. (for Goldrite Res.) has established a grid on the RUM Claims. Portions of this grid are on the RAIN claims, including the 3 station anomaly centered at 5700N on line 4000E (Rhosgobel grid). The portion of Aurum's grid over the anomaly and adjacent area is located on the accompanying 1:10,000 and 1:5,000 scale maps (Maps I and III).

The gold anomaly centered on L.4000E 5700N is located in an area of grassy/mossy, tundra-alpine meadow slightly to the east of the low point in a broad saddle. The anomalous area is locally unusual in that no rocks or frost heaved bounders are found. Elsewhere, boulder fields or trains are common.

Several large solufluction lobe fronts can be observed across the saddle and up the east side slope. These phenomena indicate that mass transport of surface material is taking place. It is not known how far transport has occurred, but it is not believed to be a great distance (several 10's of metres perhaps).

The anomalous area on the top of the prominent mountain west of the saddle is within rusty schists and hornfelsed rocks of the intruded Yukon group "grits". Quartz float among the local felsenmeer is common and veins and stringers cutting the meta-sediments are commonly observed in this area. Soil development is generally very poor locally and significant portions of the mountain slopes do not have any appreciable soils. Fine material is restricted to the top of the mountain and a few areas on the slopes between boulder trains. Under these conditions it is possible for the geochemistry to outline the extent of soil rather than the limits of anomalous gold, and any anomalous area may have significantly greater extent than the geochemical patterns might otherwise indicate.

This anomaly would appear to be related to contact effects of the intrusive and the presence of sulphide bearing quartz stringers and small veins. The distribution and frequency of the quartz stringers were not established but were commonly observed over 200 metres of the hillside.

Rock Geochemistry

Only 18 rock samples were analysed for gold and by the 32 element ICP method in search of pathfinder elements. Results suggest that arsenic is the most consistant associated element with some samples returning anomalous antimony values.

The samples collected fall into several groups. Five samples consist of rock float mineralized with pyrite and arsenopyrite which were found along the deep placer channel bottom. These samples are certainly float from the pyrite mineralization and the fault zone discovered in June, 1987. One sample, of quartz with pyrite, returned only 20 ppb gold and 135 ppm arsenic. The other four samples of mineralized rock and gouge range in value from 880 to 8960 ppb gold (.026 to .268 oz Au/ton). These values are accompanied by high arsenic values and significant antimony values.

Two samples consists of quartz sericite schist from the present placer (trommel) area. These schists contain minor pyrite and possible arsenopyrite with a few narrow white quartz veins. Both these samples returned values for gold, arsenic and antimony below the detection limit.

Eight samples were collected from various portions of the Rhosgobel Grid. One of these returned 140 ppb gold, 460 ppm arsenic and 20 ppm antimony. None of the other samples returned other than marginally anomalous arsenic values.

One sample of limonite quartzite was collected from the vicinity of the VLF-EM anomaly at 59E, 43+75N which returned 50 ppb gold, 245 ppm arsenic and less than 5 ppm antimony.

Two quartz samples from float and from a quartz vein in quartzite in the main placer trench failed to return significant values.

GEOPHYSICAL SURVEYS

VLF-EM Survey 1988 Harper Grid

Extension of the VLF-EM survey across the placer workings and up the north valley slope was done in an attempt at locating the main fault zone. The Cutler Maine station could not be read from this property and the station may not have been on during much of the survey time. As a result no readings were obtained from this more favourable transmitter direction.

Readings of the Seattle transmitter failed to provide useful cross-overs and the Fraser filtered data is essentially flat. As a result no information was obtained which would assist in locating the fault structure thought to underlie the Left Clear Creek valley.

In view of the apparent coincidence of VLF-EM and geochemical anomalies south of the tributary creek on lines 59E-61E continued exploration of this property would warrant extension of the VLF-EM survey using both Seattle and some other station at a large angle (Hawaii) rather than Cutler Maine.

Induced Polarization Survey

Appendix III of this report contains a report on the IP survey by geophysicist S.J. Visser. The following comments may be considered in conjunction with that report.

The few outcrops observed in the Left Clear Creek channel, upon which the IP survey was centered, consist of blocky quartzites, pale greenish grey sericitic quartzite and schist, phyllitic sericite schist and dark grey to black thinly laminated slightly graphitic mica schist. These formations generally dip 20^{o} to 40^{o} north with considerable small scale folding and crenulation. Small amounts of pyrite (1%) as disseminated grains, small blebs and smears are fairly common.

The pyrite showing sampled in 1987 in the bottom of the main placer trench occurred in a somewhat argillaceous bed below blocky quartzite and above dark grey schists.

Since the overall dip of the sediments is generally steeper than the slope of the hillside to the south it might be assumed that successively lower stratigraphic beds would sub-outcrop to the south and that linear IP anomalies should result. The pattern of the IP chargeability, however, suggests a broad source, possibly a bedded feature, dipping somewhat flatter than the hillside south of the placer channel and dipping north below the steeper hillside north of the placer channel.

The resistivity profiles reflect this pattern in a general manner but show considerable variation such as might be caused by steeper dipping contacts, faults or steeper beds.

Lines 49+50E, 50+00E, 50+50E trend up a local gulley such that the topography is somewhat lower than on the succeeding lines to the east. These survey lines in the gully located IP responses for a considerable distance to the south suggesting that a flat or gently dipping source underlies the hillside. The steeper slopes to the east may mask this IP effect.

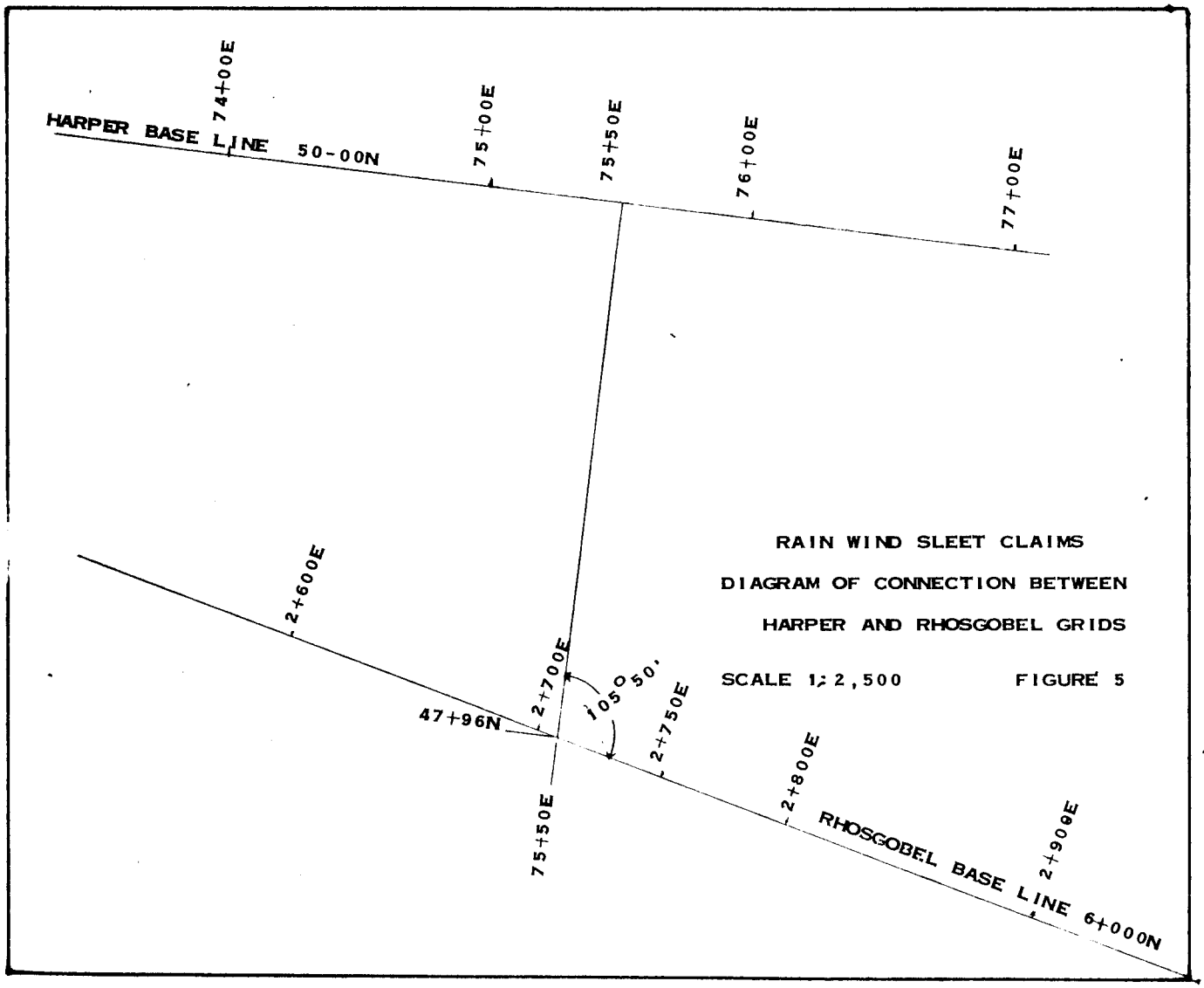
The overall impression is of a gently dipping source or series of sources, possibly the dark coloured, slightly graphitic, schists producing a broad IP response with a superimposed series of stronger anomalous zones underlying the placer channel. These zones might be caused by mineralization controlled by faulting or shearing along the trend of Left Clear Creek. Since the pyrite mineralization at the east end of the placer trench carried significant gold values these targets warrant testing by diamond drilling.

In general the IP responses are stronger for the second and particularly the third and fourth IP separations. This would usually indicate a stronger source at depth and as a result drill holes are proposed to cut these zones at depths of 100 feet or more below surface.

PHYSICAL WORK

Correlation With Rhosgobel Grid

Sufficient grid stations on the Rhosgobel grid are legible at this time to allow for positive identification of the grid and to locate the gold geochemical anomalies. The 6+000N base line of the Rhosgobel grid was intersected by a line extended from the current Harper grid base line which was extended from 75+50E for this purpose. Figure 5 illustrates the relationship of the two grids at this connection point.



Topographic Survey

A transit stadia survey was carried out in the Harper Grid area to detail the location of the 1987 pyrite discovery and the related placer workings. This survey covers the grid from 49+00E to 56+00E along the 50+00N baseline and covers the trend of the most intense IP anomalies. From the combined topographic information and the IP data, diamond drill hole locations may be accurately located.

The location of the sparse outcrop presently visible is plotted on the map (Map IX) but the actual pyrite mineralization and the main fault have been covered by caving of the trench walls. Because of some uncertainty as to the trend of the fault this has not been plotted on this map. It was located against the north wall at the bottom of the trench between about 54+50E and 55+10E and dipped 70°N.

Locations for three proposed backhoe trenches to uncover bedrock are indicated on Map IX.

Present camp buildings are indicated between 50+50E and 51+50E but there are other sheds and depots of machinery, material and fuel not specifically indicated which will affect the location and operation of a diamond drill program.

CONCLUSION

Source of the original massive pyrite float has not been determined and no further float of that kind has been found.

The major fault indicated in the deep placer trench which was open in July 1987 has not been documented at other locations to indicate its trend and this fault's effect on the IP result has, therefore not been well documented.

True north has not been accurately determined and the various scale maps are drawn at different orientations to facilitate coverage of the local area desired. There is a resulting grey area of uncertainty in correlating various aspects of the present data.

Intensive IP surveying in the vicinity of the 1987 gold bearing pyrite mineralization discovery was predicted on the assumption of a stratabound pyritic horizon. When the detailed 25 meter spaced pole-dipole survey returned results which put this interpretation in question, three lines were surveyed with 50 meter dipole-dipole spacing to attempt deeper penetration to assist in further interpretation. Visser's interpretation of the IP suggests a mineralized horizon either dipping to the south or thinning to the south. An alternative interpretation will be described below based on additional data collected during the early part of a subsequent trenching program which will be the subject of a further progress report.

Our inability to read any VLF-EM transmitter station other than Seattle from this property location has resulted in no adequate VLF-EM data to help locate the main fault zone. Seattle is at a particularly poor angle to pick up this fault.

The VLF-EM survey, most of it conducted in 1987, indicated two main anomalous zones trending southeast and located on either side of a tributary creek entering Left Clear Creek from the southeast. These zones were tested by soil sampling which has resulted in outlining significant gold arsenic anomalies which warrant exploration by trenching.

Soil sampling has indicated arsenic enrichment in the hanging wall of the 1987 pyrite discovery and this data suggests that further soil sampling will be warranted in future in search of other zones of interest.

Examination of the gold anomalies in the Rhosgobel Grid area did nothing to clarify the overall importance of theses anomalies. Quartz veining was observed in frost heaved and talus fragments of hornfelsed sediments in the anomalous area but no data on the frequency or true orientation of the vein sets was obtained. None of the rock has been systematically sampled.

The most attractive portion of the gold anomaly on the Rhosgobel Grid lies near line 4+000E at about 5+700N. Trenches were spotted here as the next stage of exploration. Access for the tractor has proved more difficult than expected and further work is proposed on an access road up the north slope.

Alternative IP Interpretation

The main IP chargeabililty anomaly tends to follow the valley bottom of Left Clear Creek where placer operations have taken place. This corresponds to, or includes, the main fault zone and the apparently bedded pyrite mineralization encountered in 1987.

The chargeability values decrease from the 60 millisecond plus range to the 20 millisecond range fairly uniformly and fairly abruptly to the north of the central channel area. This may be attributed to a north dip, conformable to the regional geological dip, and to rapidly increasing cover as the hillside rises to the north.

South of the central channel area the chargeability values decrease to the 20 millisecond range over a distance of 300 meters on line 52E, 53E, 54E while the distance increases to over 400 meters on line 56E where the line is located at a lower elevation for a greater distances and to a distance of 600 meters at 50E where the line follows a local gully and is therefore relatively lower in elevation.

The pattern for resistivity is not the same. Many local variations occur which might be caused by shear zones and bedrock horizons of differing resistance dipping northerly with the regional trend. There is, however, a marked, flat, change in resistivity at depth on certain lines. Line 52E is a good example with a marked change in the third separation readings.

The picture developed suggests a broad IP chargeability source with little local change except along the channel of Left Clear Creek where faulting and mineralization result in intensely anomalous conditions.

During the early stages of the subsequent tractor trenching program, a trench was cut near the south end of line 59E as part of an effort to explain the geochemical results on line 61E on the VLF-EM anomaly. An unexpected rock breccia was encountered over a distance of about 65 meters and is probably much more extensive. The breccia consists of dark grey black, finely schistose, phyllite, quartzite, quartz and brownish hornfels fragments. In the field it was thought a few fragments of an aplitic intrusive were present. The breccia is cut by later,

narrow, quartz veins. No geochemical results are available as yet on this rock type.

It is suggested that this breccia may represent a diatreme emanating from a buried intrusive body.

Mapping by Bema in 1980-81 indicates a zone of alteration - hornfels - around the Rhosgobel grid intrusive which extends some 50 to 1,500 meters from the contact.

It is suggested that the IP survey in the channel of Left Clear Creek is encountering a hornfelsed zone at about the third separation and that, where the survey lines are at a relatively low elevation, the hornfels can be traced a considerable distance to the south. Where the lines follow a steeper hillside, the IP effect is lost more quickly. Certain biotitic hornfels zones are known to produce strong IP anomalies although the overall sulphide content may be very low.

Figure 6 is presented as a diagramatic representation of the structure envisaged. Local favourable beds and crosscutting structures will have to be sought in the search for economic gold mineralization.

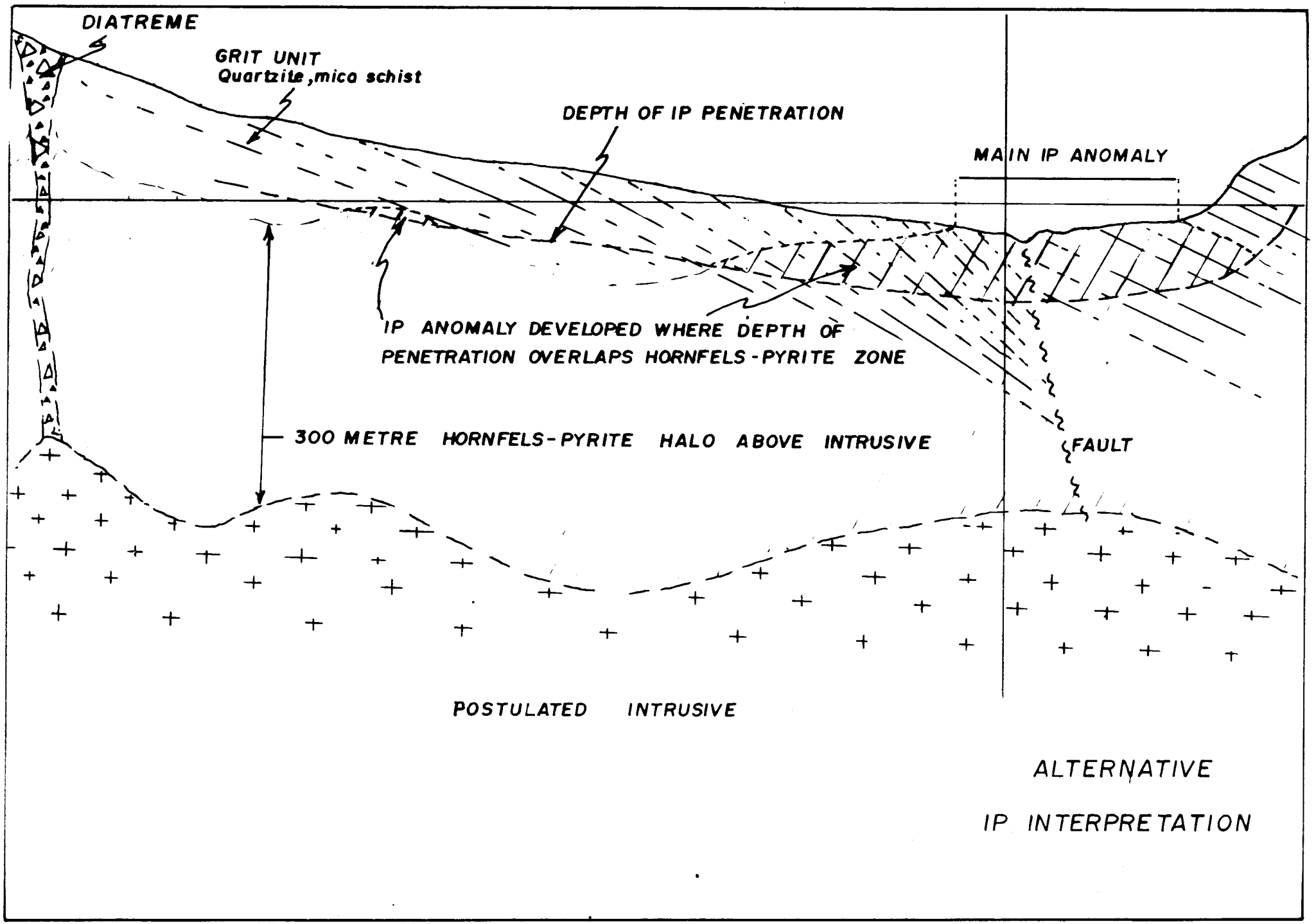

DIATREME
GRIT UNIT
Quartzite, mica schist
DEPTH OF IP PENETRATION
MAIN IP ANOMALY
IP ANOMALY DEVELOPED WHERE DEPTH OF
PENETRATION OVERLAPS HORNFELS-PYRITE ZONE
300 METRE HORNFELS-PYRITE HALO ABOVE INTRUSIVE
FAULT
POSTULATED INTRUSIVE
ALTERNATIVE
IP INTERPRETATION

FIGURE 6

RECOMMENDATIONS

Of first priority a determination should be made of the economic potential of the main IP anomaly. Diamond drilling using NQ core is recommended until ground coniditons have been tested at which time it may be possible to reduce to BQ core size. As a minimum the following four sites which have been prepared, should be drilled as follows:

Line	Chainage	Direction	Dip	Minimum Length
55+00E	50+15N	South	-55°	80 meters
54+00E	50+25N	South	-55°	80 meters
53+00E	50+50N	South	-55°	100 meters
52+00E	51+00N	South	-55°	100 meters

It is intended that, if any of these holes should encounter significant mineralization, a steeper hole should be drilled from the same set up. The angle and depth of such a hole will depend on the results of the earlier hole.

Phase IA this drill program is expected to cost:-

Minimum four holes NQ 360 meters @ $180/m	$ 64,800
Allowance for two steeper holes 240 meters @ $180/m	43,200
	$ 108,000

Phase IB

If favourable results are obtained further step out drilling on lines 51+00E, 50+00E and 49+00E on the main IP anomaly would be justified. Because of the broad nature of the IP anomaly in this area, more than one drill set up on each line would be required. Costs of drilling should be reduced for this extended program.

3 lines x 2 holes each @ 100 meters @ $150 meter = 600 meters @ $150	$ 90,000

Phase IC

Concurrent with the proposed drilling program, additional tractor trenching, sampling, mapping and geophysical surveying should be planned to further investigate and expand on trenching results on the VLF-EM zone, the Rhosgobel Grid and, possibly, the "Diatreme" zone.

A budget to facilitate this work is proposed as	$ 35,000
Total estimated costs of Phase IA, B and C	$ 233,000
Contingencies approximately 7%	$ 17,000
Estimated Exploration Budget 1989 Phase I	$ 250,000

If the initial drilling on the main IP anomaly should encounter ore grade sections of mineralization, the project would warrant a high level of detailed exploration and a further major budget would be required.

Respectfully submitted,
J.C. Stephen Exploration Ltd.

J.C. Stephen, President

APPENDIX I

COST STATEMENT

GEOPHYSICS, GEOCHEMISTRY AND MAPPING

RAIN, WIND AND SLEET CLAIMS

JUNE, JULY 1988

SUMMARY COST STATEMENT

SENIOR ENGINEER, W.A. Howell		
June 9-30; July 1-9;11;12/2;20;26;27/2. Aug 2		
Total 35.2 days @ $300/day	$10,575.00	
SENIORTECHNICIAN, A. Anczykowski		
June 9-30; July 1-9		
Total 31 days @ $210/day	$ 6,510.00	
TECHNICIAN, J. Muir		
June 3, 6-30; July 1-12		
Total 38 days @ $200/day	$ 7,600.00	
ASSISTANTS		
J. Twomey - June 3,6-30; July 1-12		
J. Cowan - June 22-30; July 1-9		
S. Dewitt - June 20-30; July 1-9		
Total 76 days @ $145/day	$11,020.00	
		$35,705.00
J.C. Stephen,		
July 1, 3-5; July 22-31 = 29 hrs.		
August 1x½; 15,19,20,24; 1hr on Aug. 2		
Total 12.25 days @ $300	$ 3,675.00	$ 3,675.00
I.P. OPERATOR AND EQUIPMENT		
20 days @ $550/day	$11,000.00	
Equipment prep. fee T. Hasek & Assoc.	880.00	
Equipment rental during transit	239.94	
		$12,119.94
MISC. EQUIPMENT RENTALS		
Generator 20 days @ $15	$ 300.00	
Transit, tripod, rod etc 9 days @ $50	450.00	
Geotronics EM-16 4 days @ $25	100.00	
Power saw 17 days @ $25	425.00	
		$ 1,275.00

SUMMARY COST STATEMENT

TRAVEL, HOTELS, MEALS	$ 1,659.36
AIR FARES	$ 4,198.00
FREIGHT, BAGGAGE	$ 1,241.12
BUS FARES, TAXIS, ETC	$ 122.50
TRUCK RENTALS & MILEAGE	$ 4,528.20
TRUCK OPERATING AND FUEL	$ 1,596.79
CAMP SUPPLIES, FUEL, HARDWARE	$ 1,828.95
GROCERIES	$ 2,556.80
SAMPLE ANALYSIS	$ 3,683.00
DRAFTING AND BLUEPRINTING	$ 1,889.45
WORD PROCESSING	$ 90.00
TELEPHONE, POSTAGE, STATIONERY, MAPS, ETC.	$ 158.84
TOTAL PROJECT COSTS	$76,327.95

APPENDIX II

CERTIFICATES OF ANALYSIS

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Twomey

DATE

PROJECT Secret Pass

NTS

LINE 52+00 E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
43+00N		30	B	BROWN	MED			N			10	<5		
25		40	B	BLACK	"						95	95		
50		40	B	BR	"						15	10		
75		20	B	BL	"						10	5		
44+00N		20	B	BR	"						10	<5		
25		40	B	BL	"						15	80		
50		30	B	BR	"						10	5		
75		30		"	"						5	<5		
45+00N		20		"	"						30	55		
25		20		"	"						5	35		
50		20		"	FINE						<5	<5		
75		20		"	FINE						<5	15		
46+00N		40		"	MED						40	5		
25		30		"	"						<5	<5		
50		20		BL-BR	"						<5	<5		
75		30		BL-BR	"						<5	<5		
47+00N		20		BR	"						<5	20		
25		30		"	FINE						10	10		
50		30		"	MED						15	<5		
75		30	B	"	"			N			5	30		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER J Twomey

DATE

PROJECT Secret Pass

NTS 115P/14

LINE 53+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
43+00N		30 cm	B	BL-BR	F			N			<5	<5		
43+25N		20	B	BR	F						<5	10		
50		30	B	BR	M						<5	10		
75		30	B	BL-BR	M						<5	25		
44+00N		20	B	"	M						<5	30		
25		20	B	BR	F						<5	10		
50		30	B	BR	F						5	35		
75		30	B	BR	M						10	10		
45+00N		30	B	BR	F						<5	5		
25		20	E	BL-BR	F						25	10		
50		30	B	BR	F						15	20		
75		30	B	BL	F						<5	10		
46+00N		40	B	BR	F						10	15		
25		40	B	BL-BR	M						5	15		
50		30	B	BR	F						<5	10		
75		40	B	BL-BR	M						<5	5		
47+00N		30	B	BR	F						<5	10		
25		20	B	BR	F						<5	20		
50		30	B	BL	M						<5	10		
75		30	B	BR	M			N			<5	10		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER J. Twomey

DATE

PROJECT Secret Pass

NTS

LINE 53+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth CM	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
48+00N		40	B	Brown	Fine			North			<5	25		
25		20	B	Black	"			"			<5	5		
50		30	B	Brown	"			"			<5	10		
75		30	B	"	"			"			<5	<5		
49+00N		30	B	Bl-Br	"			"			<5	5		
50+50N		15		Brown	Med			South			25	65		
75		20	B	"	Coarse			"			10	95		
51+00N		15		"	"			"			<5	70		
25		20	B	"	Med			"			<5	165		
50		20	B	"	"			"			<5	75		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Twomey

DATE

PROJECT SECRET PASS

NTS

LINE 54+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
45+00N		20	B	BROWN	MED			N			10	45		
25		30	B	"	FINE						<5	25		
50		40	B	BR-BL	MED						5	45		
75		30	B	BR	FINE						<5	15		
46+00N		30	B	BL	MED						5	30		
25		30	B	BR	"						10	20		
50		30	B	"	FINE						20	30		
75		30	B	"	MED						15	40		
47+00N		30	B	"	FINE						10	25		
25		30	B	"	"						<5	25		
50		40	B	"	"						5	25		
75		30	B	"	"						<5	20		
48+00N		30	B	BL-BR	MED						<5	10		
25		30	B	BR	FINE						15	20		
50		40	B	BL	MED						<5	<5		
75		30	B	BR	MED						15	5		
49+00N		30		BLACK	COARSE			NORTH			<5	<5		
51+00N		30		BR	M			S			10	85		
25		20		BR	M.			S			5	25		
50		30	B	BROWN	MED			SOUTH			<5	30		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER: TWOMEY

DATE:

PROJECT: SECRET PASS

NTS:

LINE: 55+00 E

AIR PHOTO NO.:

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
45+00N		30		BROWN	MED			N			30	45		
25'		30		"	FINE						15	50		
50		40		BLACK	MED						15	10		
75'		30		BROWN	FINE						15	35		
46+00N		30		"	"						20	45		
25'		30		"	"						5	20		
50		40		"	"						25	10		
75'		30		BR-BL	"						25	40		
47+00N		30		BR	"						20	40		
25'		30		GREY	"						10	5		
50		30		"	"						<5	25		
75'		40		BROWN	"						<5	50		
48+00N		40		BR-BL	"						<5	<5		
25'		40		" "	"						<5	40		
50		30		" "	"						<5	25		
75'		30		BL	"						5	<5		
49+00N		50		BLACK	MED			N			<5	10		
50+75N		40		BROWN	"			S			<5	70		
51+00N		20		"	"			S			<5	30		
25'		30		"	"			S			<5	15		
50		30		BROWN	"			S			<5	10		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Twamley

DATE

PROJECT Secret Pass

NTS

LINE 56+00 E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
45+00 N		20		Brown	MED			N			20	105		
25		30		"	FINE						35	175		
50		30		"	"						30	65		
75		20		"	"						15	55		
46+00 N		30		BLACK	"						<5	15		
25		30		BR	"						75	60		
50		40		BR-BL	"						<5	5		
75		20		BR	"						<5	25		
47+00 N		20		BR	MED						20	20		
25		20		GR-BR	FINE						<5	50		
50		20		BR	"						<5	20		
75		30		"	COARSE						10	50		
48+00 N		20		"	MED						15	15		
25		30		BL-BR	FINE						5	10		
50		40		BR	"						10	10		
75		30	B	BR	"						<5	5		
49+00 N		40		BL-BR	MED			N			<5	10		
50 +50 N		30		BL-BR	M			S			<5	120		
75		20		BR	M			S			<5	40		
51+00 N		15		BR	M			S			5	50		
25		20		BR	M			S			<5	10		
50		R	O	CK										

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER J. Twomey

DATE

PROJECT Secret Pass Left Clear Creek

NTS

LINE 57+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
35+00N		10	B	Brown	Coarse			N			40	50		
25		15	B	"	"			N			20	36		
50		10	B	"	"			N			15	45		
75		5	B	"	"			N			<5	43		
36+00N		15	B	"	"			N			15	70		
25		10	B	"	"			N			15	69		
50		10	B	"	"			NE			10	60		
75		15	B	"	"			NE			20	70		
37+00N		20	B		"			NE			5	60		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Adam Antzykowski

DATE June 29, 1988

PROJECT Secret Pass - Left Clear Creek

NTS 115 P/14

LINE 59+00 E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				ppb Au	ppm As		
37+50N		40cm	CLAY ORBE BT	Med Brown	clay	0		10°N		TILL	10	35		
+75		40	BT	Light Brown	"					"	30	43		
38+00N		30	BT	Med Brown	"					"	30	63		
+25		35	BT	"	"					"	25	60		
+50		45	BT	"	"					"	15	60		
+75		35	BT	Light Brown	"					"	20	60		
39+00N		35	BT	Med Brown	"					"	20	53		
25		30	BT	"	"					"	40	60		
50		35	BT	"	"					"	10	51		
75		35	BT	"	"			15°N		"	20	59		
40+00N		50	BT	"	"					"	30	61		
25		60	BT	Light Brown	"					"	20	50		
40+50N		40cm	BT	Med Brown	"					"	15	29		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Antzykowski

DATE Jul. 29, 1988

PROJECT Secret Pass - Left Clear Creek

NTS 115 P/14

LINE 59+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
45+00N		60cm	BT	Dark Brown	Clay	0		20°E		Till	10	22		
25		60	BT	Med Brown	"			"		"	5	41		
50		60	BT	"	"			"		"	5	32		
75		20	BT	"	"			FLAT		"	30	60		
46+00N		70	BT	Dark Brown	"			30°E		"	50	53		
25		40	BT	Med Brown	"			20°S		"	25	23		
50		30	BT	"	"			10°N		"	<5	17		
75		40	BT	"	"			"		"	20	15		
47+00N		60	BT	"	"			10°N		"	15	50		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER ANCZYKOWSKI

DATE JUNE-29 1988

PROJECT SECRET PASS - LEFT CLEAR CREEK

NTS

LINE 60+00 E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth CM	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
35+00N		50	BT	Med Brown	Clay			20°N		TILL	30	24		
25		50		"	"						35	33		
50		50		Dark Brown	"						25	29		
75		60		med Brown	"						20	17		
36+00N		40	BT	"	"			25°N			15	15		
25		60	—	"	Clay Sand			"		ROCK RUBBLE	175	60		
50		30	BT	"	Clay			"			35	60		
75		50	BT	"	Clay Sand			"		TILL	30	41		
37+00N		60	—	"	Clay					ROCK RUBBLE	55	60		
25		50	BT	"	"					No Soil	70	150		
50		60		"	"			15°N		TILL	20	50		
75		30		"	"			20°N			25	51		
38+00N		50		"	"			10°N			20	36		
25		60		Dark Brown	"			20°N			65	30		
50		60		Med Brown	"			20°N			20	35		
75		40		"	"			15°N			5	22		
39+00N		30		"	Sand Clay			15°N			<5	22		
25		50		"	Sand Clay			20°N			25	15		
50		50		"	Clay			10°N			<5	11		
75		60		"	"			5°N			15	36		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Anczykowski

DATE

PROJECT Secret Pass

NTS

LINE 60+00 E.

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth Cm	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
40+00N		60	BT	Dark Brown	Clay + Organic			5°N		Till	20	20		
25		70	BT	Grey Brown	Clay			2°N		" ? from Creek, willows	35	16		
50		70	BT	Grey Brown	Clay			2°N		Moss 25m from Creek	80	30		
75		40	BT	Med Brown	sand			2°N		Till 10m from Creek	45	27		
41+00		40	Over Bedrock	Dark Brown	Sand clay			0°		– 5m to Creek 3m to cat trail	75	22		
25		70	BT	Med Brown	clay			5°S		Till 15m to Creek Well developed A horiz	<5	60		
50		30		"	clay sand			15°S		Till	5	70		
75		50		"	Clay Sand			20°S		Till	<5	30		
42+00N		40			Clay			37°SW			<5	19		
25		40			Sand Clay			35°SW			<5	36		
50		60			Clay			37°SW			5	36		
75		40			Sandy Clay			35°W			<5	22		
43+00N		50			"			35°W			45	220		
25		40			"			35°W		Rocky Slope	10	50		
50		50			Clay			30°W			<5	24		
75		50			Clay			30°W			15	22		
44+00N		60			Clay			20°W			<5	17		
25		70		Dark Brown	Clay sand			"			5	19		
50		50		Med Brown	"			"			<5	22		
75		60		"	"			"			20	22		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER Anczykowski

DATE

PROJECT Secret Pass

NTS

LINE 60+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
45+00N		70	BT	Dark Brown	clay			15°N		Till	10	15		
25		70	"	"	clay sand			15°N		"	<5	15		
50		50	"	Med Brown	clay			20°N		"	20	50		
75		50	"	Dark Brown	clay			20°N		"	15	36		
46+00N		60	"	Med Brown	clay			20°N		"	10	29		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER J. Twomey

DATE

PROJECT SECRET PASS - LEFT CLEAR CREEK

NTS

LINE 61+00 E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
34+00N		15	B	BROWN	MED			NE			150	15		
25		15	B	"	COARSE			"		ck 100 Au	930	24		
50		15	B	"	"			"			140	43		
75		7	B	"	MED			"			75	22		
35+00N		10	B	"	"			"			60	19		
25		10	B	"	COARSE			"			90	36		
50		15	B	"	MED/CRSE			NE			60	24		
75		15	B	"	MED			W			<5	11		
36+00N		10	B	"	"			"			10	10		
25		10	B	"	"			"			<5	9		
50		10	B	"	"			"			<5	20		
			B	"	COARSE			S						
41+00N		10	B	"	"			S			10	51		
25		12	B	"	"			SW			<5	63		
50		10	B	"	"			"			<5	53		
75		10	B	"	"			"			<5	135		
42+00N		12	B	"	"			"			<5	73		
25		15	B	"	"			W			<5	22		
50		10	B	"	"			"			<5	45		
75		10	B	"	"			"			15	46		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET – SOIL SAMPLING

SAMPLER J. TWOMEY

DATE

PROJECT SECRET PASS LEFT CLEAR CREEK

NTS

LINE 61+00E; 62+00E

AIR PHOTO NO.

SAMPLE NO.	LOCATION	Depth	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS			
				Colour	Part Size	% ORG.	Ph				Au	As		
43+00N		10	B	BROWN	MED			W			<5	30		
25		10	B	"	COARSE			"			60	29		
50		15	B	"	"			"			<5	16		
75		15	B	"	MED			"			20	24		
44+00N		10	B	"	COARSE			NW			15	20		
25		20	B	"	"			"			<5	30		
50		15	B	"	"			"			<5	30		
75		20	B	"	"			"			<5	17		
45+00N		25	B	"	"			"			<5	11		
62+00E 47+50N		25	B	BROWN	COARSE			N			30	48		
75		25	A/B	"	FINE			N			<5	36		
48+00N				A HORIZON - ICE										
25		7	B	BROWN	FINE			NW			<5	9		
50		7	B	"	COARSE			"			<5	12		
75		7	B	"	"			"			10	12		
49+00		15	B	"	"			"			<5	11		
25		5	B	"	MED			N			<5	14		
49+50		10	B	"	COARSE			N			<5	14		
49+75				NO SAMPLE										
50+00		15	B	BROWN	COARSE			NW			10	14		

J.C. STEPHEN EXPLORATIONS LTD.

GEOCHEMICAL DATA SHEET — ROCK GEOCHEM SAMPLING

SAMPLER W.A. Howell

DATE June / July '88

PROJECT Secret Pass - Dawson M.D. Y.T.

NTS

LINE

AIR PHOTO No.

	SAMPLE NUMBER	LOCATION	ROCK TYPE	ALTERATION	MINERALIZATION	STRIKE / DIP	ADDITIONAL REMARKS	APPARENT WIDTH / TRUE WIDTH	ASSAYS Au.	As.	Sb.	
(1)	BB-B-110	59E 43+75N	Quartzite	Limonitic	—		FLOAT No VIS. SULPHIDES AREA OF VLF-ANOMALY		<50	245	<5	
(2)	BB-B-111	54+72E 44+79N.	qtz "lens" in grit schists	SILICA	MINOR PY, ? ASPY & ? Needle SULPHIDE		S SIDE OF DEEP TRENCH o/c NEAR E END		5	50	<5	
(3)	BB-B-112	RHOSGOBEL BL 3+00 E	qtz musc schist / qtz STRING	SILICA.	vfg ? PY LIMONITE		TALUS FLOAT QTZ STRINGERS ARE COMMON		5	60	5	
(4)	BB-B-113	HARPER GRID 54+10E, 44+90N	GOUGE	CLAY	PY ASPY		FLOAT - "GOB" OF CLAY GOUGE, WITH ABUNDANT SULPHIDES, PUSHED UP BY CAT.		880	5900	50	
(5)	B-114	53+75E 50+00N	QTZ.		PY + ?		FLOAT - BIG TRENCH - BLUE GRAY QTZ - SULPHIDES DISSEMINATION FRAC		20	135	<5	
(6)	B-115	49+60 E 50+70N	QTZ.		PY + ?		FLOAT - ABUNDANT RUSTY QTZ FROM DUMP PILE		<5	30	<5	
(7)	B-116	3990E (RG) 5300N	INTR QTZ / ? DIORITE	SILICA / CLAY	LIM. MINOR PY AT JOINT INTERSECT		340/74 E @ 15/68 S		5	60	<5	
(8)	B-117	3990E (RG) 5290N	SHEAR IN INTR. Q/DIORITE	SILICA / CLAY			SAME CROSS STRUCT AS B-116	12 CM	<5	25	<5	
(9)	B-118	3975E (RG) 5280N	INTR., QTZ/DIORITE MON.	QTZ.	vfg PY / LIMONITE CLOTS		SHATTER ZONE - QTZ & MYLONITE IN INTR.	3-10 CM	<5	25	<5	
(10)	B-119	IN [illegible] TO [illegible] - 50?/51	INTR. QTZ DIORITE OR QTZ. MONZ	SILICA / CLAY	? PY		COMMON FLOAT IN CAT ROAD.		140	460	20	
(11)	B-120	SLOPE			TALUS FINES SANDY SOIL		SOIL FROM CONTACT ZONE					
(12)	B-121	617 m	QTZ. VEIN			304/90		10 CM	<5	5	<5	
(13)	B-122	1091 m	QTZ. VF		NO VIS SULPHIDES	330/70 SW	GREY/BLUE QTZ. FETID SMELL - SER. ALT. SELVAGES	20 CM	<5	10	<5	
(14)	B-123	RHOSGOBEL 2+700E 5+150N	BLOCKS OF QTZ SCHIST		PYRRHOTITE MICA SCHIST.		ANGULAR, FLOAT IN CR GRAVELS		<5	<5	<5	
(15)												
(16)	B-109	HARPER GRID 54+10E 49+90N	GOUGE	CLAY	PY, ? ASPY		FLOAT - SIMILAR TO B-113 BUT WITH LESS SULPHIDE		1510	1680	75	
(17)	B-108	TRENCH FLOAT	MASSIVE PY		PY & MINOR ASPY ?		DEBRIS FROM BIG TRENCH - FLOAT		8960	10.00	165	
(18)	B-107	TRENCH FLOAT	SHEARED ? MUSC SCHIST W QTZ/CARB	QTZ CARBONATE	ASPY PY		VUGGY CLOTS OF QTZ/CARB HAVE RIMS OF ASPY.		3420	10.00	105	
(19)	B-106	TROMMEL VEIN	QTZ VEIN	QTZ	PY ASPY		EXPOSED AT TROMMEL OUTFALL ? QTZ = SCM SHEAR ZONE ?		<5	<5	<5	
(20)	B-105	TROMMEL VEIN - H WALL	QTZ/SER SCHIST	QTZ / SERICITE	ASPY / PY (MINOR)		OCC. MARIPOSITE TREND IS ~SE ACROSS THE ~~MAIN VALLEY TREND~~.		<5	<5	<5	

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: TEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8
Project : SECRET PASS
Comments:

Date : 18-AUG-88
Invoice # : I-8820635
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820635

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
88B-105	205 238	< 5	0.23	< 0.2	< 5	10	< 0.5	< 2	0.17	< 0.5	2	70	18	1.21	< 10	< 1	0.07	10	0.11	89
88B-106	205 238	< 5	0.04	< 0.2	< 5	< 10	< 0.5	< 2	0.07	< 0.5	2	111	19	0.62	< 10	< 1	< 0.01	< 10	0.02	40
88B-107	205 238	3420	0.24	< 0.2	>10000	20	1.0	< 2	9.89	< 0.5	11	6	4	6.35	< 10	< 1	0.31	< 10	3.39	4050
88B-108	205 238	8960	0.02	1.6	>10000	10	1.0	< 2	0.09	< 0.5	< 1	46	46	>15.00	< 10	< 1	0.09	< 10	0.05	21
88B-109	205 238	1510	0.32	0.4	9680	20	1.0	6	3.76	< 0.5	19	8	10	6.46	< 10	< 1	0.14	10	1.34	1530
88B-110	205 238	50	0.61	0.2	245	100	1.0	2	0.53	< 0.5	29	221	43	5.30	< 10	< 1	0.12	30	0.08	821
88B-111	205 238	5	0.69	< 0.2	50	40	1.0	2	0.16	< 0.5	7	79	12	1.52	< 10	< 1	0.11	20	0.29	189
88B-112	205 238	5	0.50	0.2	60	30	1.0	2	0.02	< 0.5	5	42	35	9.97	< 10	< 1	0.11	40	0.02	47
88B-113	205 238	880	0.22	0.2	5900	20	1.5	4	4.24	< 0.5	19	8	8	5.31	< 10	< 1	0.13	10	1.46	1995
88B-114	205 238	20	0.49	< 0.2	135	10	0.5	2	0.13	< 0.5	5	175	10	1.63	< 10	< 1	0.06	10	0.29	172
88B-115	205 238	< 5	0.21	< 0.2	30	10	0.5	< 2	0.23	< 0.5	2	109	16	1.42	< 10	< 1	0.01	< 10	0.13	168
88B-116	205 238	5	0.16	4.6	60	40	1.0	4	0.12	< 0.5	1	92	3	1.03	< 10	< 1	0.04	20	0.01	462
88B-117	205 238	< 5	0.20	1.0	25	40	1.0	4	0.10	< 0.5	2	77	5	1.60	< 10	< 1	0.16	10	0.02	243
88B-118	205 238	< 5	0.13	0.2	25	40	1.0	< 2	0.12	< 0.5	3	61	4	1.19	< 10	< 1	0.05	10	0.01	376
88B-119	205 238	140	0.37	0.2	460	30	1.0	2	0.09	< 0.5	11	79	8	6.58	< 10	< 1	0.08	30	0.07	384
88B-121	205 238	< 5	0.08	< 0.2	5	10	< 0.5	< 2	0.03	< 0.5	1	120	2	0.41	< 10	< 1	0.03	< 10	0.01	80
88B-122	205 238	< 5	0.13	< 0.2	10	20	< 0.5	< 2	0.15	< 0.5	1	116	2	0.36	< 10	< 1	0.03	< 10	0.03	40
88B-123	205 238	< 5	2.28	0.2	< 5	90	1.5	6	0.05	< 0.5	16	109	28	3.69	10	< 1	1.57	30	1.08	116

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
88B-105	205 238	1	0.02	8	110	< 2	< 5	< 1	5	< 0.01	< 10	< 10	4	< 5	29
88B-106	205 238	< 1	< 0.01	8	70	2	< 5	< 1	2	< 0.01	< 10	< 10	1	< 5	5
88B-107	205 238	< 1	< 0.01	33	180	108	105	5	260	< 0.01	< 10	< 10	2	< 5	14
88B-108	205 238	4	< 0.01	19	< 10	2	165	2	3	< 0.01	20	< 10	< 1	< 5	13
88B-109	205 238	< 1	< 0.01	42	360	4	75	3	108	< 0.01	< 10	< 10	4	< 5	28
88B-110	205 238	3	< 0.01	37	2220	10	< 5	31	23	< 0.01	10	< 10	122	< 5	134
88B-111	205 238	< 1	0.01	15	420	12	< 5	1	9	0.01	< 10	< 10	10	< 5	39
88B-112	205 238	4	0.01	34	910	6	5	4	4	< 0.01	10	< 10	30	< 5	114
88B-113	205 238	1	< 0.01	40	370	2	50	3	122	< 0.01	< 10	< 10	3	< 5	175
88B-114	205 238	< 1	< 0.01	13	240	4	< 5	< 1	5	< 0.01	< 10	< 10	4	< 5	33
88B-115	205 238	1	< 0.01	5	970	2	< 5	< 1	10	< 0.01	< 10	< 10	3	< 5	21
88B-116	205 238	1	< 0.01	3	470	390	< 5	1	7	< 0.01	< 10	10	5	< 5	178
88B-117	205 238	2	< 0.01	4	450	66	< 5	< 1	5	< 0.01	< 10	< 10	2	15	45
88B-118	205 238	2	0.01	3	470	42	< 5	2	5	< 0.01	< 10	< 10	3	90	38
88B-119	205 238	2	< 0.01	10	770	52	20	3	5	< 0.01	< 10	< 10	29	115	112
88B-121	205 238	< 1	0.01	4	100	10	< 5	< 1	1	< 0.01	< 10	< 10	1	< 5	11
88B-122	205 238	< 1	0.01	8	310	2	< 5	< 1	22	0.01	< 10	< 10	2	< 5	6
88B-123	205 238	< 1	0.02	33	200	10	< 5	4	5	0.22	< 10	< 10	43	< 5	77

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PHONE (604) 984-0221

STEPHEN, J.C. EXPLORATION LIMITED

746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments:

Page No. 1
Tot. Pa 3
Date 20-JUL-88
Invoice # I-8818947
P.O. # NONE

CERTIFICATE OF ANALYSIS A8818947

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As ppm	Au check
57+00E 35+00N	201 --	40	50	-----
57+00E 35+25N	201 --	20	36	-----
57+00E 35+50N	201 --	15	45	-----
57+00E 35+75N	201 --	< 5	43	-----
57+00E 36+00N	201 --	15	70	-----
57+00E 36+25N	201 --	15	69	-----
57+00E 36+50N	201 --	10	60	-----
57+00E 36+75N	201 --	20	70	-----
57+00E 37+00N	201 --	5	60 ✓	-----
59+00E 37+50N	201 --	10	35	-----
59+00E 37+75N	201 --	30	43	-----
59+00E 38+00N	201 --	30	63	-----
59+00E 38+25N	201 --	25	60	-----
59+00E 38+50N	201 --	15	60	-----
59+00E 38+75N	201 --	20	60	-----
59+00E 39+00N	201 --	20	53	-----
59+00E 39+25N	201 --	40	60	-----
59+00E 39+50N	201 --	10	51	-----
59+00E 39+75N	201 --	20	59	-----
59+00E 40+00N	201 --	30	61	-----
59+00E 40+25N	201 --	20	50	-----
59+00E 40+50N	201 --	15	29 ✓	-----
59+00E 45+00N	201 --	10	22	-----
59+00E 45+25N	201 --	5	41	-----
59+00E 45+50N	201 --	5	32	-----
59+00E 45+75N	201 --	30	60	-----
59+00E 46+00N	201 --	50	53	-----
59+00E 46+25N	201 --	25	23	-----
59+00E 46+50N	201 --	< 5	17	-----
59+00E 46+75N	201 --	20	15	-----
59+00E 47+00N	201 --	15	50	-----
60+00E 35+00N	201 --	30	24	-----
60+00E 35+25N	201 --	35	33	-----
60+00E 35+50N	201 --	25	29	-----
60+00E 35+75N	201 --	20	17	-----
60+00E 36+00N	201 --	15	15	-----
60+00E 36+25N	201 --	175	60	-----
60+00E 36+50N	201 --	35	60	-----
60+00E 36+75N	201 --	30	41	-----
60+00E 37+00N	201 --	55	60	-----

CERTIFICATION : Garth Bichler

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: STEPHEN, J.C. EXPLORATION LIMITED

746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments:

Page No. : 2
Tot. Pa : 3
Date : 20-JUL-88
Invoice # : I-8818947
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8818947

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As ppm	Au check
60+00E 37+25N	201 --	70	150	-----
60+00E 37+50N	201 --	20	50	-----
60+00E 37+75N	201 --	25	51	-----
60+00E 38+00N	201 --	20	36	-----
60+00E 38+25N	201 --	65	30	-----
60+00E 38+50N	201 --	20	35	-----
60+00E 38+75N	201 --	5	22	-----
60+00E 39+00N	201 --	< 5	22	-----
60+00E 39+25N	201 --	25	15	-----
60+00E 39+50N	201 --	< 5	11	-----
60+00E 39+75N	201 --	15	36	-----
60+00E 40+00N	201 --	20	20	-----
60+00E 40+25N	201 --	35	16	-----
60+00E 40+50N	201 --	80	30	-----
60+00E 40+75N	201 --	45	27	-----
60+00E 41+00N	201 --	75	22	-----
60+00E 41+25N	201 --	< 5	60	-----
60+00E 41+50N	201 --	5	70	-----
60+00E 41+75N	201 --	< 5	30	-----
60+00E 42+00N	201 --	< 5	19	-----
60+00E 42+25N	201 --	< 5	36	-----
60+00E 42+50N	201 --	5	36	-----
60+00E 42+75N	201 --	< 5	22	-----
60+00E 43+00N	201 --	45	220	-----
60+00E 43+25N	201 --	10	50	-----
60+00E 43+50N	201 --	< 5	24	-----
60+00E 43+75N	201 --	15	22	-----
60+00E 44+00N	201 --	< 5	17	-----
60+00E 44+25N	201 --	5	19	-----
60+00E 44+50N	201 --	< 5	22	-----
60+00E 44+75N	201 --	20	22	-----
60+00E 45+00N	201 --	10	15	-----
60+00E 45+25N	201 --	< 5	15	-----
60+00E 45+50N	201 --	20	50	-----
60+00E 45+75N	201 --	15	36	-----
60+00E 46+00N	201 --	10	29	-----
61+00E 34+00N	201 --	150	15	-----
61+00E 34+25N	201 --	930	24	100
61+00E 34+50N	201 --	140	43	-----
61+00E 34+75N	201 --	75	22	-----

CERTIFICATION : Ian Bickler

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: STEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments

Page No : 3
Tot. Pa : 3
Date : 20-JUL-88
Invoice # : I-8818047
P O # : NONE

CERTIFICATE OF ANALYSIS A8818947

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	As ppm	Au check
61+00E 35+00N	201 --	60	19	-----
61+00E 35+25N	201 --	90	36	-----
61+00E 35+50N	201 --	60	24	-----
61+00E 35+75N	201 --	< 5	11	-----
61+00E 36+00N	201 --	10	10	-----
61+00E 36+25N	201 --	< 5	9	-----
61+00E 36+50N	201 --	< 5	20	-----
61+00E 41+00N	201 --	10	51	-----
61+00E 41+25N	201 --	< 5	63	-----
61+00E 41+50N	201 --	< 5	53	-----
61+00E 41+75N	201 --	< 5	135	-----
61+00E 42+00N	201 --	< 5	73	-----
61+00E 42+25N	201 --	< 5	22	-----
61+00E 42+50N	201 --	< 5	45	-----
61+00E 42+75N	201 --	15	46	-----
61+00E 43+00N	201 --	< 5	30	-----
61+00E 43+25N	201 --	60	29	-----
61+00E 43+50N	201 --	< 5	16	-----
61+00E 43+75N	201 --	20	24	-----
61+00E 44+00N	201 --	15	20	-----
61+00E 44+25N	201 --	< 5	30	-----
61+00E 44+50N	201 --	< 5	30	-----
61+00E 44+75N	201 --	< 5	17	-----
61+00E 45+00N	201 --	< 5	11	-----
62+00E 47+50N	201 --	30	48	-----
62+00E 47+75N	201 --	< 5	36	-----
62+00E 48+25N	201 --	< 5	9	-----
62+00E 48+50N	201 --	< 5	12	-----
62+00E 48+75N	201 --	10	12	-----
62+00E 49+00N	201 --	< 5	11	-----
62+00E 49+25N	201 --	< 5	14	-----
62+00E 49+50N	201 --	< 5	14	-----
62+00E 50+00N	201 --	10	14	-----

CERTIFICATION : Bert Bichler

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BRITISH COLUMBIA CANADA V7J-2C1
PHONE (604) 984-0221

STEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8
Project : SECRET PASS
Comments:

Page No. : 1-A
Tot. Pages: 3
Date : 11-AUG-88
Invoice # : I-8820323
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820323

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
52+00E 43+00N	203 238	10	0.98	< 0.2	< 5	40	< 0.5	< 2	0.03	< 0.5	< 1	31	12	1.35	< 10	< 1	0.04	10	0.05	77
52+00E 43+25N	217 238	95	0.84	< 0.2	95	40	< 0.5	< 2	0.03	< 0.5	3	44	12	2.30	< 10	< 1	0.11	20	0.28	168
52+00E 43+50N	203 238	15	1.18	< 0.2	10	90	< 0.5	< 2	0.13	< 0.5	4	38	11	2.14	< 10	< 1	0.07	20	0.35	206
52+00E 43+75N	203 238	10	0.99	< 0.2	5	100	< 0.5	< 2	0.08	< 0.5	2	56	11	1.35	< 10	< 1	0.08	20	0.17	103
52+00E 44+00N	203 238	10	1.57	< 0.2	< 5	80	< 0.5	< 2	0.11	< 0.5	4	39	8	3.06	< 10	< 1	0.06	20	0.38	211
52+00E 44+25N	217 238	15	0.54	< 0.2	80	30	< 0.5	< 2	0.04	< 0.5	3	57	23	4.21	< 10	< 1	0.05	10	0.09	115
52+00E 44+50N	203 238	10	0.74	< 0.2	5	50	< 0.5	< 2	0.05	< 0.5	1	53	8	0.96	< 10	< 1	0.06	20	0.08	64
52+00E 44+75N	203 238	5	1.33	< 0.2	< 5	100	< 0.5	< 2	0.11	< 0.5	5	45	9	2.58	< 10	< 1	0.05	10	0.35	220
52+00E 45+00N	203 238	30	0.98	< 0.2	55	80	< 0.5	< 2	0.08	< 0.5	4	40	15	2.24	< 10	< 1	0.10	20	0.24	157
52+00E 45+25N	203 238	5	1.31	< 0.2	35	70	< 0.5	< 2	0.06	< 0.5	5	69	15	2.61	< 10	< 1	0.12	40	0.44	171
52+00E 45+50N	203 238	< 5	0.80	< 0.2	< 5	40	< 0.5	< 2	0.05	< 0.5	< 1	24	6	1.16	< 10	< 1	0.04	10	0.08	46
52+00E 45+75N	203 238	< 5	1.81	< 0.2	15	70	< 0.5	< 2	0.08	< 0.5	5	34	12	3.00	< 10	< 1	0.05	20	0.31	207
52+00E 46+00N	203 238	40	0.56	< 0.2	5	50	< 0.5	< 2	0.05	< 0.5	1	35	5	0.75	< 10	< 1	0.05	10	0.04	44
52+00E 46+25N	203 238	< 5	1.06	< 0.2	< 5	70	< 0.5	< 2	0.11	< 0.5	3	43	8	1.95	< 10	< 1	0.08	20	0.28	143
52+00E 46+50N	203 238	< 5	0.75	< 0.2	< 5	90	< 0.5	< 2	0.09	< 0.5	2	30	10	0.85	< 10	< 1	0.06	10	0.07	46
52+00E 46+75N	203 238	< 5	1.14	< 0.2	< 5	90	< 0.5	< 2	0.10	< 0.5	3	37	14	1.85	< 10	< 1	0.05	20	0.20	137
52+00E 47+00N	203 238	< 5	1.31	< 0.2	20	80	< 0.5	< 2	0.07	< 0.5	5	54	14	2.45	< 10	< 1	0.14	30	0.31	273
52+00E 47+25N	203 238	10	1.34	< 0.2	10	120	< 0.5	< 2	0.10	< 0.5	4	35	14	1.98	< 10	< 1	0.09	20	0.31	154
52+00E 47+50N	203 238	15	1.27	0.2	< 5	110	< 0.5	< 2	0.11	< 0.5	4	41	15	2.06	< 10	< 1	0.09	30	0.29	182
52+00E 47+75N	203 238	5	1.15	< 0.2	30	110	< 0.5	< 2	0.10	< 0.5	4	53	13	2.28	< 10	< 1	0.13	30	0.24	186
53+00E 43+00N	203 238	< 5	0.97	< 0.2	< 5	80	< 0.5	< 2	0.13	< 0.5	4	22	12	1.81	< 10	< 1	0.04	10	0.32	138
53+00E 43+25N	203 238	< 5	0.85	< 0.2	10	60	< 0.5	< 2	0.12	< 0.5	3	23	8	1.61	< 10	< 1	0.04	10	0.28	107
53+00E 43+50N	203 238	< 5	0.93	< 0.2	10	150	< 0.5	< 2	0.11	< 0.5	4	29	12	1.69	< 10	< 1	0.05	10	0.27	150
53+00E 43+75N	203 238	< 5	0.80	< 0.2	25	70	< 0.5	< 2	0.09	< 0.5	4	34	10	1.88	< 10	< 1	0.06	10	0.23	147
53+00E 44+00N	203 238	< 5	1.11	< 0.2	30	110	< 0.5	< 2	0.10	< 0.5	4	42	14	2.01	< 10	1	0.07	20	0.32	130
53+00E 44+25N	203 238	< 5	1.12	< 0.2	10	70	< 0.5	< 2	0.12	< 0.5	4	36	8	2.18	< 10	< 1	0.06	20	0.33	196
53+00E 44+50N	203 238	5	1.53	< 0.2	35	150	< 0.5	< 2	0.09	< 0.5	5	44	23	2.42	< 10	< 1	0.15	30	0.39	162
53+00E 44+75N	203 238	10	1.33	< 0.2	10	70	< 0.5	< 2	0.11	< 0.5	4	37	11	2.40	< 10	< 1	0.07	20	0.38	185
53+00E 45+00N	203 238	< 5	1.22	< 0.2	5	80	< 0.5	< 2	0.10	< 0.5	4	34	11	1.87	< 10	< 1	0.07	20	0.35	118
53+00E 45+25N	203 238	25	1.44	< 0.2	10	160	< 0.5	< 2	0.12	< 0.5	4	42	22	2.37	< 10	< 1	0.10	30	0.31	140
53+00E 45+50N	203 238	15	1.18	< 0.2	20	80	< 0.5	< 2	0.08	< 0.5	5	35	17	2.28	< 10	< 1	0.09	30	0.37	176
53+00E 45+75N	203 238	< 5	1.15	< 0.2	10	80	< 0.5	< 2	0.08	< 0.5	3	39	15	1.82	< 10	< 1	0.08	20	0.31	98
53+00E 46+00N	203 238	10	1.41	< 0.2	15	90	< 0.5	< 2	0.10	< 0.5	3	39	14	2.14	< 10	< 1	0.10	30	0.38	102
53+00E 46+25N	203 238	5	1.10	< 0.2	15	80	< 0.5	< 2	0.08	< 0.5	3	47	15	1.86	< 10	< 1	0.10	30	0.28	110
53+00E 46+50N	203 238	< 5	1.39	< 0.2	10	80	< 0.5	< 2	0.08	< 0.5	5	37	22	2.66	< 10	< 1	0.09	40	0.48	138
53+00E 46+75N	203 238	< 5	1.25	< 0.2	5	80	< 0.5	< 2	0.08	< 0.5	4	33	12	1.95	< 10	< 1	0.07	30	0.37	114
53+00E 47+00N	203 238	< 5	1.30	< 0.2	10	70	< 0.5	< 2	0.08	< 0.5	6	37	20	2.78	< 10	< 1	0.07	30	0.42	198
53+00E 47+25N	203 238	< 5	1.20	< 0.2	20	90	< 0.5	< 2	0.08	< 0.5	6	46	21	2.69	< 10	< 1	0.11	30	0.38	220
53+00E 47+50N	203 238	< 5	1.32	0.4	10	190	< 0.5	< 2	0.11	< 0.5	4	17	25	2.35	< 10	< 1	0.07	20	0.15	96
53+00E 47+75N	203 238	< 5	1.16	0.2	10	140	< 0.5	< 2	0.09	< 0.5	5	39	22	2.39	< 10	< 1	0.09	30	0.27	170

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER.
BRITISH COLUMBIA. CANADA V7J-2C1
PHONE (604) 984-0221

To: STEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8
Project : SECRET PASS
Comments:

Date : 11-AUG-88
Invoice # : I-8820323
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820323

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
52+00E 43+00N	203 238	< 1	0.01	4	390	8	< 5	< 1	7	0.01	< 10	< 10	36	< 5	12
52+00E 43+25N	217 238	1	0.01	12	320	8	< 5	1	6	0.01	< 10	< 10	21	< 5	26
52+00E 43+50N	203 238	< 1	0.01	13	490	8	< 5	1	13	0.04	< 10	< 10	40	< 5	36
52+00E 43+75N	203 238	1	0.01	8	400	12	< 5	< 1	11	0.01	< 10	< 10	29	< 5	19
52+00E 44+00N	203 238	1	0.01	12	360	< 2	< 5	2	10	0.05	< 10	< 10	44	< 5	38
52+00E 44+25N	217 238	1	0.01	11	470	12	< 5	< 1	6	0.01	< 10	< 10	29	< 5	34
52+00E 44+50N	203 238	2	0.01	7	230	< 2	< 5	1	8	0.04	< 10	< 10	34	< 5	14
52+00E 44+75N	203 238	1	0.01	12	310	6	< 5	2	10	0.06	< 10	< 10	42	< 5	35
52+00E 45+00N	203 238	1	0.01	13	350	8	< 5	1	8	0.02	< 10	< 10	31	< 5	39
52+00E 45+25N	203 238	< 1	0.01	16	330	2	< 5	2	8	0.03	< 10	< 10	33	< 5	39
52+00E 45+50N	203 238	1	0.01	5	230	6	< 5	1	7	0.05	< 10	< 10	44	< 5	9
52+00E 45+75N	203 238	1	0.01	16	330	6	< 5	2	9	0.05	< 10	< 10	45	< 5	35
52+00E 46+00N	203 238	< 1	0.01	3	310	2	< 5	< 1	9	0.03	< 10	< 10	24	< 5	10
52+00E 46+25N	203 238	2	0.01	12	260	12	< 5	2	11	0.06	< 10	< 10	41	< 5	30
52+00E 46+50N	203 238	1	0.02	7	550	4	< 5	< 1	12	0.01	< 10	< 10	18	< 5	13
52+00E 46+75N	203 238	2	0.01	9	470	2	< 5	1	12	0.03	< 10	< 10	33	< 5	25
52+00E 47+00N	203 238	< 1	0.01	20	410	12	< 5	1	9	0.02	< 10	< 10	26	< 5	42
52+00E 47+25N	203 238	< 1	0.01	18	360	12	< 5	2	12	0.03	< 10	< 10	33	< 5	40
52+00E 47+50N	203 238	1	0.01	12	450	6	< 5	1	12	0.04	< 10	< 10	31	< 5	39
52+00E 47+75N	203 238	1	0.01	13	410	12	< 5	1	12	0.03	< 10	< 10	31	< 5	42
53+00E 43+00N	203 238	1	0.01	11	500	2	< 5	1	11	0.02	< 10	< 10	27	< 5	40
53+00E 43+25N	203 238	1	0.01	11	450	6	< 5	1	9	0.01	< 10	< 10	26	< 5	32
53+00E 43+50N	203 238	1	0.01	12	500	2	< 5	1	11	0.01	< 10	< 10	24	< 5	37
53+00E 43+75N	203 238	1	0.01	11	390	< 2	< 5	1	9	0.01	< 10	< 10	27	< 5	30
53+00E 44+00N	203 238	2	0.01	16	420	12	< 5	1	11	0.02	< 10	< 10	32	< 5	37
53+00E 44+25N	203 238	1	0.01	9	420	4	< 5	1	10	0.04	< 10	< 10	39	< 5	37
53+00E 44+50N	203 238	1	0.01	17	520	6	< 5	2	12	0.04	< 10	< 10	41	< 5	51
53+00E 44+75N	203 238	1	0.01	15	400	14	< 5	2	10	0.04	< 10	< 10	41	< 5	43
53+00E 45+00N	203 238	1	0.01	10	360	6	< 5	1	11	0.04	< 10	< 10	34	< 5	35
53+00E 45+25N	203 238	2	0.01	16	660	20	< 5	1	16	0.01	< 10	< 10	35	< 5	39
53+00E 45+50N	203 238	2	0.01	15	390	6	< 5	2	9	0.03	< 10	< 10	29	< 5	42
53+00E 45+75N	203 238	1	0.01	9	470	2	< 5	1	8	0.02	< 10	< 10	28	< 5	31
53+00E 46+00N	203 238	1	0.01	13	330	16	< 5	2	10	0.03	< 10	< 10	32	< 5	41
53+00E 46+25N	203 238	2	0.01	10	390	12	< 5	1	10	0.02	< 10	< 10	28	< 5	31
53+00E 46+50N	203 238	1	0.01	18	320	10	< 5	2	9	0.03	< 10	< 10	30	< 5	48
53+00E 46+75N	203 238	1	0.01	15	380	< 2	< 5	1	9	0.02	< 10	< 10	26	< 5	39
53+00E 47+00N	203 238	2	0.01	17	340	18	< 5	2	8	0.03	< 10	< 10	31	< 5	48
53+00E 47+25N	203 238	1	0.01	23	390	14	< 5	2	9	0.03	< 10	< 10	30	< 5	51
53+00E 47+50N	203 238	2	0.01	13	1430	16	< 5	1	13	0.01	< 10	< 10	19	< 5	32
53+00E 47+75N	203 238	1	0.01	22	650	18	< 5	1	12	0.02	< 10	< 10	29	< 5	46

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: STEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8
Project: SECRET PASS
Comments:

Page No: 2-A
Tot. P: 3
Date: 11-AUG-88
Invoice #: I-8820323
P.O. #: NONE

CERTIFICATE OF ANALYSIS A8820323

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
53+00E 48+00N	203 238	< 5	1.06	0.4	25	80	< 0.5	< 2	0.08	< 0.5	6	37	17	2.55	< 10	< 1	0.08	30	0.33	248
53+00E 48+25N	203 238	< 5	1.10	0.2	5	120	< 0.5	< 2	0.06	< 0.5	1	25	24	1.64	< 10	1	0.07	20	0.18	74
53+00E 48+50N	203 238	< 5	1.19	< 0.2	10	90	< 0.5	< 2	0.07	< 0.5	5	28	13	2.62	< 10	< 1	0.06	20	0.33	314
53+00E 48+75N	203 238	< 5	1.28	0.2	< 5	160	0.5	< 2	0.16	< 0.5	10	34	26	3.02	< 10	< 1	0.10	30	0.45	439
53+00E 49+00N	203 238	< 5	1.29	0.2	5	130	< 0.5	< 2	0.13	< 0.5	4	34	23	3.08	< 10	< 1	0.08	20	0.39	144
53+00E 50+50N	203 238	25	1.43	0.4	65	140	0.5	4	0.21	< 0.5	10	44	21	2.95	< 10	< 1	0.17	40	0.49	600
53+00E 50+75N	203 238	10	1.33	0.4	95	140	0.5	< 2	0.14	0.5	5	45	20	2.86	< 10	< 1	0.21	40	0.37	248
53+00E 51+00N	203 238	< 5	1.03	0.6	70	280	< 0.5	2	0.23	1.0	8	44	19	2.45	< 10	< 1	0.18	30	0.26	639
53+00E 51+25N	203 238	< 5	1.71	0.4	165	160	0.5	< 2	0.18	1.0	12	48	29	3.38	< 10	< 1	0.19	30	0.49	410
53+00E 51+50N	203 238	< 5	1.79	0.4	75	140	0.5	< 2	0.12	0.5	7	38	15	3.15	< 10	1	0.11	20	0.40	204
54+00E 45+00N	203 238	10	1.11	0.2	45	110	< 0.5	2	0.08	< 0.5	< 1	38	16	1.95	< 10	< 1	0.10	30	0.33	127
54+00E 45+25N	203 238	< 5	1.40	0.2	25	110	< 0.5	< 2	0.11	< 0.5	4	34	18	2.34	< 10	< 1	0.09	30	0.38	158
54+00E 45+50N	203 238	5	1.09	0.4	45	100	< 0.5	2	0.07	< 0.5	5	40	18	2.32	< 10	< 1	0.14	40	0.29	150
54+00E 45+75N	203 238	< 5	1.37	0.2	15	110	< 0.5	< 2	0.14	< 0.5	5	37	13	2.15	< 10	< 1	0.09	20	0.43	106
54+00E 46+00N	203 238	5	1.32	0.4	30	160	< 0.5	2	0.11	< 0.5	5	48	25	2.67	< 10	< 1	0.10	20	0.30	127
54+00E 46+25N	203 238	10	1.32	0.4	20	120	< 0.5	< 2	0.11	< 0.5	4	37	18	2.34	< 10	1	0.10	30	0.39	131
54+00E 46+50N	203 238	20	1.40	0.2	30	110	< 0.5	< 2	0.10	< 0.5	8	34	21	2.77	< 10	< 1	0.10	40	0.41	288
54+00E 46+75N	203 238	15	1.10	0.2	40	80	< 0.5	< 2	0.06	< 0.5	6	31	26	3.02	< 10	< 1	0.10	40	0.29	221
54+00E 47+00N	203 238	10	1.12	< 0.2	25	70	< 0.5	< 2	0.09	< 0.5	5	28	20	2.45	< 10	1	0.07	30	0.27	201
54+00E 47+25N	203 238	< 5	1.14	0.2	25	80	0.5	< 2	0.08	< 0.5	4	29	18	2.10	< 10	< 1	0.08	30	0.26	121
54+00E 47+50N	203 238	5	1.08	0.2	25	90	0.5	6	0.07	< 0.5	4	33	19	2.33	< 10	< 1	0.08	30	0.24	120
54+00E 47+75N	203 238	< 5	0.98	0.2	20	90	< 0.5	< 2	0.08	< 0.5	< 1	40	13	2.09	< 10	1	0.09	30	0.28	108
54+00E 48+00N	203 238	< 5	1.27	0.2	10	300	0.5	2	0.11	< 0.5	8	39	27	2.38	< 10	< 1	0.09	20	0.25	414
54+00E 48+25N	203 238	15	1.07	< 0.2	20	120	0.5	2	0.12	< 0.5	4	35	17	2.24	< 10	< 1	0.07	30	0.33	127
54+00E 48+50N	217 238	< 5	1.19	0.2	< 5	170	< 0.5	< 2	0.10	< 0.5	1	25	17	1.74	< 10	< 1	0.07	20	0.24	76
54+00E 48+75N	203 238	15	0.94	< 0.2	5	90	< 0.5	< 2	0.09	< 0.5	1	38	11	1.63	< 10	< 1	0.08	20	0.27	86
54+00E 49+00N	217 238	< 5	0.53	< 0.2	< 5	260	< 0.5	< 2	0.18	< 0.5	2	5	24	0.99	< 10	< 1	0.05	10	0.05	97
54+00E 51+00N	203 238	10	1.95	0.6	85	170	1.0	< 2	0.16	< 0.5	18	40	29	4.95	< 10	< 1	0.14	30	0.43	803
54+00E 51+25N	203 238	5	1.13	0.4	25	210	0.5	< 2	0.18	< 0.5	9	33	14	2.64	< 10	< 1	0.13	30	0.28	651
54+00E 51+50N	203 238	< 5	1.79	0.4	30	200	1.0	2	0.15	< 0.5	9	43	23	3.52	< 10	< 1	0.14	40	0.42	533
55+00E 45+00N	203 238	30	1.28	0.2	45	100	0.5	2	0.14	< 0.5	8	38	17	2.33	< 10	< 1	0.09	30	0.37	364
55+00E 45+25N	203 238	15	1.17	< 0.2	50	110	0.5	< 2	0.12	< 0.5	4	43	15	2.18	< 10	< 1	0.11	30	0.34	165
55+00E 45+50N	203 238	15	1.15	0.2	10	70	< 0.5	< 2	0.06	< 0.5	1	29	13	1.54	< 10	< 1	0.07	20	0.19	66
55+00E 45+75N	203 238	15	1.43	< 0.2	35	110	0.5	< 2	0.09	< 0.5	6	35	19	2.27	< 10	< 1	0.10	30	0.38	153
55+00E 46+00N	203 238	20	1.13	0.2	45	90	0.5	< 2	0.10	< 0.5	5	34	14	2.19	< 10	< 1	0.08	30	0.38	180
55+00E 46+25N	203 238	5	1.27	< 0.2	20	110	0.5	< 2	0.13	< 0.5	5	34	13	2.08	< 10	< 1	0.08	20	0.40	117
55+00E 46+50N	203 238	25	1.10	0.2	10	130	0.5	< 2	0.13	< 0.5	6	30	14	2.01	< 10	< 1	0.08	20	0.35	108
55+00E 46+75N	203 238	25	1.24	0.4	40	130	0.5	< 2	0.11	< 0.5	4	34	15	2.22	< 10	< 1	0.08	20	0.37	98
55+00E 47+00N	203 238	20	1.27	0.2	40	110	< 0.5	< 2	0.10	< 0.5	3	35	11	2.27	< 10	< 1	0.07	20	0.38	90
55+00E 47+25N	203 238	10	1.02	< 0.2	5	100	< 0.5	4	0.09	< 0.5	2	30	7	1.13	< 10	< 1	0.07	20	0.26	62

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

STEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8
Project : SECRET PASS
Comments:

Date : 11-AUG-88
Invoice # : I-8820323
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820323

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
53+00E 48+00N	203 238	< 1	0.01	19	420	12	< 5	1	9	0.03	< 10	< 10	30	< 5	53
53+00E 48+25N	203 238	1	0.01	12	750	18	< 5	< 1	10	0.01	< 10	< 10	21	< 5	27
53+00E 48+50N	203 238	1	0.01	16	410	20	< 5	1	8	0.03	< 10	< 10	33	< 5	43
53+00E 48+75N	203 238	1	0.01	23	520	12	< 5	3	15	0.05	< 10	< 10	37	< 5	73
53+00E 49+00N	203 238	1	0.01	15	500	18	< 5	2	11	0.06	< 10	< 10	39	< 5	57
53+00E 50+50N	203 238	1	0.01	24	530	16	< 5	2	19	0.06	< 10	< 10	35	25	74
53+00E 50+75N	203 238	1	0.01	18	410	48	< 5	1	25	0.02	< 10	< 10	27	< 5	73
53+00E 51+00N	203 238	< 1	0.01	13	360	52	< 5	1	32	0.03	< 10	< 10	32	< 5	68
53+00E 51+25N	203 238	2	0.01	24	380	62	< 5	2	27	0.04	< 10	< 10	35	< 5	91
53+00E 51+50N	203 238	< 1	0.01	16	310	32	< 5	2	17	0.06	< 10	< 10	43	< 5	69
54+00E 45+00N	203 238	1	0.01	16	300	10	< 5	1	11	0.04	< 10	< 10	28	< 5	41
54+00E 45+25N	203 238	1	0.01	17	440	20	< 5	2	11	0.05	< 10	< 10	34	5	51
54+00E 45+50N	203 238	< 1	0.03	17	440	26	< 5	1	12	0.02	< 10	< 10	23	< 5	46
54+00E 45+75N	203 238	< 1	0.02	15	450	10	< 5	2	13	0.06	< 10	< 10	37	< 5	48
54+00E 46+00N	203 238	1	0.05	14	860	16	< 5	1	13	0.03	< 10	< 10	32	< 5	38
54+00E 46+25N	203 238	1	0.02	14	390	16	< 5	2	12	0.04	< 10	< 10	31	< 5	47
54+00E 46+50N	203 238	1	0.01	18	400	18	< 5	2	10	0.04	< 10	< 10	30	< 5	57
54+00E 46+75N	203 238	1	0.01	21	350	12	< 5	2	7	0.02	< 10	< 10	24	< 5	52
54+00E 47+00N	203 238	1	0.01	16	370	6	< 5	2	9	0.03	< 10	< 10	28	< 5	46
54+00E 47+25N	203 238	< 1	0.01	10	360	12	< 5	1	9	0.03	< 10	< 10	29	< 5	37
54+00E 47+50N	203 238	1	0.01	13	480	18	< 5	1	9	0.02	< 10	< 10	28	< 5	37
54+00E 47+75N	203 238	1	0.01	14	320	20	< 5	1	9	0.03	< 10	< 10	27	< 5	37
54+00E 48+00N	203 238	< 1	0.01	18	790	22	< 5	1	14	0.02	< 10	< 10	31	< 5	43
54+00E 48+25N	203 238	< 1	0.01	16	400	14	< 5	2	11	0.04	< 10	< 10	28	< 5	48
54+00E 48+50N	217 238	1	0.01	12	870	24	< 5	1	13	0.02	< 10	< 10	20	< 5	32
54+00E 48+75N	203 238	1	0.01	12	330	10	< 5	1	10	0.03	< 10	< 10	22	< 5	33
54+00E 49+00N	217 238	< 1	0.01	9	1720	12	< 5	1	21	< 0.01	< 10	< 10	5	< 5	20
54+00E 51+00N	203 238	1	0.01	27	530	38	< 5	6	20	0.05	< 10	< 10	88	< 5	101
54+00E 51+25N	203 238	< 1	0.01	17	320	26	< 5	2	24	0.03	< 10	< 10	34	< 5	59
54+00E 51+50N	203 238	1	0.01	25	340	30	< 5	2	23	0.03	< 10	< 10	38	< 5	67
55+00E 45+00N	203 238	< 1	0.01	21	510	14	< 5	2	13	0.05	< 10	< 10	32	< 5	63
55+00E 45+25N	203 238	1	0.01	15	450	12	< 5	1	13	0.04	< 10	< 10	36	< 5	47
55+00E 45+50N	203 238	1	0.01	10	510	18	< 5	< 1	11	0.03	< 10	< 10	33	< 5	30
55+00E 45+75N	203 238	1	0.01	16	460	14	< 5	2	11	0.04	< 10	< 10	32	< 5	49
55+00E 46+00N	203 238	< 1	0.01	16	390	16	< 5	1	10	0.04	< 10	< 10	28	< 5	44
55+00E 46+25N	203 238	< 1	0.01	15	440	12	< 5	2	12	0.05	< 10	< 10	31	< 5	44
55+00E 46+50N	203 238	< 1	0.01	15	440	18	< 5	2	13	0.04	< 10	< 10	29	< 5	47
55+00E 46+75N	203 238	< 1	0.01	14	510	12	10	1	12	0.03	< 10	< 10	29	< 5	45
55+00E 47+00N	203 238	< 1	0.01	14	440	22	< 5	1	11	0.03	< 10	< 10	32	< 5	43
55+00E 47+25N	203 238	1	0.01	9	260	16	< 5	1	11	0.03	< 10	< 10	19	< 5	25

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

STEPHEN, J.C. EXPLORATION LIMITED
746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8
Project : SECRET PASS
Comments:

Page No. : 3-A
Tot. Pgs. : 3
Date : 11-AUG-88
Invoice # : I-8820323
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820323

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
55+00E 47+50N	203 238	< 5	1.41	0.2	25	110	0.5	4	0.09	< 0.5	4	64	16	2.26	< 10	< 1	0.09	20	0.38	86
55+00E 47+75N	203 238	< 5	1.51	< 0.2	50	120	0.5	< 2	0.10	< 0.5	5	81	15	2.86	< 10	< 1	0.11	20	0.41	100
55+00E 48+00N	203 238	< 5	1.20	< 0.2	< 5	120	< 0.5	< 2	0.09	< 0.5	2	71	7	1.21	< 10	< 1	0.10	20	0.31	74
55+00E 48+25N	203 238	< 5	1.22	< 0.2	40	160	0.5	< 2	0.09	< 0.5	< 1	81	16	3.03	< 10	< 1	0.08	20	0.20	57
55+00E 48+50N	203 238	< 5	1.45	< 0.2	25	120	0.5	2	0.12	< 0.5	5	56	10	2.35	< 10	< 1	0.10	30	0.39	109
55+00E 48+75N	203 238	5	1.49	< 0.2	< 5	110	< 0.5	4	0.09	< 0.5	1	52	13	1.44	< 10	1	0.10	30	0.33	75
55+00E 49+00N	217 238	< 5	0.92	0.2	10	170	0.5	< 2	0.10	< 0.5	< 1	17	19	3.73	< 10	< 1	0.03	10	0.04	31
55+00E 50+75N	203 238	< 5	1.39	0.2	70	130	1.0	< 2	0.13	< 0.5	12	70	29	4.11	< 10	< 1	0.21	50	0.32	391
55+00E 51+00N	203 238	< 5	1.34	0.2	30	230	1.0	< 2	0.13	0.5	14	60	23	3.08	< 10	< 1	0.17	30	0.27	693
55+00E 51+25N	203 238	< 5	1.17	< 0.2	15	250	0.5	< 2	0.23	< 0.5	10	48	21	2.92	< 10	< 1	0.17	40	0.26	735
55+00E 51+50N	203 238	< 5	1.48	0.6	10	190	0.5	< 2	0.14	< 0.5	10	55	28	3.22	10	< 1	0.15	40	0.35	660
56+00E 45+00N	203 238	20	1.35	0.4	105	130	0.5	< 2	0.11	< 0.5	6	51	23	3.21	< 10	< 1	0.15	40	0.38	337
56+00E 45+25N	203 238	35	1.68	0.4	175	160	1.0	< 2	0.10	< 0.5	9	57	33	3.86	< 10	< 1	0.12	30	0.47	353
56+00E 45+50N	203 238	30	1.76	0.2	65	170	0.5	< 2	0.15	< 0.5	9	52	26	3.21	< 10	< 1	0.12	30	0.61	306
56+00E 45+75N	203 238	15	1.35	0.2	55	110	0.5	< 2	0.11	< 0.5	7	47	18	2.55	< 10	< 1	0.11	30	0.45	235
56+00E 46+00N	217 238	< 5	0.90	0.6	15	250	< 0.5	< 2	0.20	< 0.5	2	16	18	1.49	< 10	< 1	0.05	20	0.12	121
56+00E 46+25N	203 238	75	1.16	0.2	60	90	0.5	< 2	0.08	< 0.5	6	37	16	3.12	< 10	< 1	0.07	30	0.38	192
56+00E 46+50N	217 238	< 5	0.82	0.4	5	250	< 0.5	< 2	0.19	< 0.5	2	19	20	1.32	< 10	< 1	0.07	10	0.11	76
56+00E 46+75N	203 238	< 5	1.14	0.2	25	110	0.5	< 2	0.14	< 0.5	5	37	15	2.25	< 10	< 1	0.08	20	0.38	132
56+00E 47+00N	203 238	20	1.05	0.4	20	110	< 0.5	< 2	0.11	< 0.5	< 1	42	11	1.84	< 10	< 1	0.07	20	0.32	96
56+00E 47+25N	203 238	< 5	1.29	0.4	50	110	< 0.5	< 2	0.16	< 0.5	7	54	19	2.46	< 10	< 1	0.07	20	0.42	146
56+00E 47+50N	203 238	< 5	1.38	0.6	20	110	< 0.5	< 2	0.15	< 0.5	9	45	16	2.49	< 10	< 1	0.13	20	0.44	288
56+00E 47+75N	203 238	10	1.57	0.4	50	130	0.5	< 2	0.14	< 0.5	9	67	40	4.15	< 10	< 1	0.18	40	0.55	373
56+00E 48+00N	203 238	15	1.35	0.6	15	130	< 0.5	2	0.27	< 0.5	9	49	17	2.61	< 10	< 1	0.20	30	0.51	335
56+00E 48+25N	203 238	5	1.08	0.6	10	120	< 0.5	< 2	0.50	< 0.5	7	40	18	2.00	< 10	< 1	0.09	20	0.39	177
56+00E 48+50N	203 238	10	0.85	0.4	10	70	< 0.5	2	0.34	< 0.5	3	37	7	1.69	< 10	< 1	0.07	20	0.24	138
56+00E 48+75N	203 238	< 5	1.11	0.4	5	110	< 0.5	< 2	0.52	< 0.5	8	41	12	2.01	< 10	< 1	0.09	20	0.41	384
56+00E 49+00N	203 238	< 5	0.92	0.2	10	110	< 0.5	< 2	0.16	< 0.5	5	50	12	1.80	< 10	< 1	0.07	10	0.26	194
56+00E 50+50N	203 238	< 5	1.71	0.2	120	180	< 0.5	< 2	0.22	< 0.5	13	118	22	3.62	< 10	< 1	0.17	30	0.66	1110
56+00E 50+75N	203 238	< 5	0.95	0.2	40	120	< 0.5	< 2	0.28	< 0.5	9	39	15	2.77	< 10	< 1	0.16	30	0.17	328
56+00E 51+00N	203 238	5	1.11	0.2	50	200	0.5	< 2	0.18	< 0.5	16	54	23	3.60	10	< 1	0.18	40	0.20	871
56+00E 51+25N	203 238	< 5	0.88	0.2	10	190	< 0.5	< 2	0.32	< 0.5	13	36	20	2.94	10	< 1	0.19	50	0.17	613

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE NORTH VANCOUVER
BRITISH COLUMBIA CANADA V7J-2C1
PHONE (604) 984-0221

STEPHEN, J.C. EXPLORATION LIMITED

746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments:

Date : 11-AUG-88
Invoice # : I-8820323
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820323

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
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55+00E 47+75N	203 238	1	0.01	16	480	10	< 5	2	11	0.04	< 10	< 10	34	< 5	50
55+00E 48+00N	203 238	1	0.01	13	260	16	< 5	1	10	0.04	< 10	< 10	19	< 5	31
55+00E 48+25N	203 238	1	0.01	12	1050	16	< 5	1	14	0.02	< 10	< 10	30	< 5	24
55+00E 48+50N	203 238	< 1	0.01	14	410	14	< 5	1	13	0.05	< 10	< 10	36	< 5	45
55+00E 48+75N	203 238	1	0.01	13	340	22	< 5	1	12	0.04	< 10	< 10	28	< 5	36
55+00E 49+00N	217 238	< 1	0.01	8	2830	14	< 5	1	14	0.01	< 10	< 10	11	< 5	9
55+00E 50+75N	203 238	1	0.01	35	360	26	5	2	17	0.02	< 10	< 10	35	< 5	84
55+00E 51+00N	203 238	1	0.01	27	330	32	< 5	2	22	0.02	< 10	< 10	30	< 5	74
55+00E 51+25N	203 238	< 1	0.01	22	430	26	< 5	2	27	0.03	< 10	< 10	31	< 5	72
55+00E 51+50N	203 238	< 1	0.01	25	550	18	< 5	2	17	0.03	< 10	< 10	33	< 5	74
56+00E 45+00N	203 238	1	0.01	29	560	26	< 5	2	13	0.04	< 10	< 10	37	< 5	69
56+00E 45+25N	203 238	2	0.01	36	760	26	< 5	3	11	0.03	< 10	< 10	43	< 5	84
56+00E 45+50N	203 238	1	0.01	25	750	10	< 5	3	14	0.06	< 10	< 10	41	< 5	75
56+00E 45+75N	203 238	1	0.01	16	500	12	< 5	2	11	0.05	< 10	< 10	32	< 5	59
56+00E 46+00N	217 238	< 1	0.01	9	1710	22	< 5	< 1	25	0.01	< 10	< 10	11	< 5	58
56+00E 46+25N	203 238	< 1	0.01	14	370	12	< 5	2	8	0.03	< 10	< 10	28	< 5	49
56+00E 46+50N	217 238	< 1	0.01	12	1660	10	< 5	1	23	0.01	< 10	< 10	8	< 5	26
56+00E 46+75N	203 238	1	0.01	14	520	14	< 5	2	12	0.05	< 10	< 10	31	< 5	51
56+00E 47+00N	203 238	1	0.01	13	420	20	< 5	1	11	0.04	< 10	< 10	27	< 5	39
56+00E 47+25N	203 238	2	0.01	20	460	14	< 5	2	12	0.05	< 10	< 10	30	< 5	58
56+00E 47+50N	203 238	1	0.01	15	540	8	< 5	2	12	0.07	< 10	< 10	33	10	54
56+00E 47+75N	203 238	1	0.01	21	410	18	< 5	3	18	0.03	< 10	< 10	26	< 5	84
56+00E 48+00N	203 238	1	0.01	17	580	10	< 5	3	18	0.09	< 10	< 10	34	20	63
56+00E 48+25N	203 238	< 1	0.01	16	660	8	< 5	3	36	0.05	< 10	< 10	29	5	52
56+00E 48+50N	203 238	1	0.01	5	220	8	< 5	1	28	0.07	< 10	< 10	38	10	29
56+00E 48+75N	203 238	< 1	0.01	14	680	8	< 5	2	39	0.06	< 10	< 10	31	5	56
56+00E 49+00N	203 238	1	0.01	11	470	6	< 5	1	15	0.04	< 10	< 10	32	5	33
56+00E 50+50N	203 238	1	0.02	21	510	16	< 5	4	17	0.11	< 10	< 10	65	< 5	80
56+00E 50+75N	203 238	1	0.02	16	340	18	5	1	26	0.02	< 10	< 10	28	< 5	60
56+00E 51+00N	203 238	1	0.02	24	400	28	5	2	20	0.02	< 10	< 10	29	< 5	89
56+00E 51+25N	203 238	< 1	0.01	20	310	16	5	1	32	0.01	< 10	< 10	22	< 5	62

CERTIFICATION :

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BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

STEPHEN, I C EXPLORATION LIMITED

746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments:

Page No. -A
Tot. Pages: 1
Date :17-AUG-88
Invoice # :I-8820636
P.O. # :NONE

CERTIFICATE OF ANALYSIS A8820636

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
88B-120	203 238	35	1.67	0.2	70	260	< 0.5	4	0.61	< 0.5	16	43	31	4.53	10	< 1	0.37	60	0.60	1030

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists * Geochemists * Registered Assayers
212 BROOKSBANK AVE., NORTH VANCOUVER
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

STEPHEN, J.C. EXPLORATION LIMITED

746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments:

Page No. : -B
Tot. Pages: 1
Date : 17-AUG-88
Invoice # : I-8820636
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8820636

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
88B-120	203 238	2	0.01	21	1250	34	< 5	10	30	0.08	< 10	< 10	54	140	134

CERTIFICATION :

Chemex Labs Ltd.
Analytical Chemists • Geochemists • Registered Assayers
212 BROOKSBANK AVE. NORTH VANCOUVER,
BRITISH COLUMBIA, CANADA V7J-2C1
PHONE (604) 984-0221

To: STEPHEN, J.C. EXPLORATION LIMITED

746 REGAL CRESCENT
NORTH VANCOUVER, B.C.
V7K 2X8

Project : SECRET PASS
Comments:

Page : 1
Tot. Pages: 1
Date : 20-AUG-88
Invoice # : I-8821461
P.O. # : NONE

CERTIFICATE OF ANALYSIS A8821461

SAMPLE DESCRIPTION	PREP CODE	Au FA g/tonne
88B-107	214 --	3.29
88B-108	214 --	8.78
88B-109	214 --	1.44

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION : B. Edwards

APPENDIX III

IP SURVEY REPORT

BY

S.J. VISSER

INDUCED POLARIZATION SURVEY

ON THE

SCOTTIE THOM PROJECT

RAIN, WIND, AND SLEET CLAIMS

LEFT CLEAR CREEK, YUKON

FOR

SECRET PASS RESOURCES LTD.

BY

J.C. EXPLORATIONS LTD.

AND

S.J.V. CONSULTANTS LTD.

Dawson City, Yukon M.D. N.T.S. 115P/14

AUGUST 1988

Report By
Syd J. Visser
S.J.V. Consultants LTD.

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FIELD WORK		2
INTERPRETATION		3
RECOMMENDATIONS		5
CONCLUSION		6
APPENDIX	Statement of Qualifications	
FIG 4a - 4k	Induced Polarization pole dipole survey pseudosections	
FIG 4l - 4m	Induced Polarization dipole dipole array pseudosections	
Plate 1	Induced Polarization Compilation Map	

INTRODUCTION

A induced polarization (I.P.) survey was conducted on the Scottie Thom project, near Left Clear Creek in the Dawson City mining district of the Yukon Territory, during the period of June 20 to July 9, 1988, for Secret Pass Resources LTD. by J.C. Stephen Explorations LTD. and S.J.V. Consultants Ltd..

The purpose of the survey was to extend and detail the I.P. anomalies located during a small I.P. survey conducted during November 1987.

FIELD WORK

One Geophysicist, Rolf Krawinkel, was supplied by S.J.V. Consultants Ltd. to operate the I.P. receiver and to supervise the survey. The remainder of the crew was supplied by J.C. Exploration Ltd.. The I.P. equipment, which consisted of a Scintrex IPR-8 receiver, a 2.5 KW Scintrex transmitter and supporting equipment was supplied by Tom Hasek Associates.

Eleven lines varying in length from 900M to 700M were surveyed using a pole dipole array with a=25M and n=1, 2, 3 and 4. The infinity line was placed approx. 1.5Km out from the west side of the grid. Lines (5000E, 5300E and 5600E) were also surveyed using a dipole dipole array, with a=50M and n=1, 2, 3 and 4, to aid interpretation and depth penetration.

The recorded chargeability, in milliseconds, and calculated apparent resistivity in ohm-meters were plotted on pseudosections (figure 4a to 4n).

The survey was slowed considerably by the difficulty in negotiating the placer workings near the 5000N baseline. Poor contact in the placer gravel pits, poor station spacing due to missing pickets also slowed the survey and may lead to errors in the apparent resistivity in the area of the placer workings.

One half day of surveying was lost and the survey was also slowed down on a number of other days due to the weather.

INTERPRETATION

The I.P. survey results indicates that there is a wide anomalies zone striking across the width of the grid, centered around the baseline (5000N), that is open on both the east and west end of the grid (I.P. compilation map Plate 1).

The anomalies zone appears to be cut off fairly sharply to the north, although the lines in most cases do not extend far enough north to fully confirm this, and tapers of slowly to the south. On first inspection the anomalies zones appear to dip to the south but this does not conform with the known geology which dips to the north. Assuming this is a stratibound anomaly and not dipping to the south, the anomalous region must be thinning to the south. The anomalous zone, which is probably a conductive and chargeable layer, possible extends further south than shown on the compilation map.

The anomalous zone has a number of better defined strong anomalies within the zone as shown on the I.P. compilation map. It is difficult to estimate the exact depth and location of some of these stronger anomalies because of overlapping responses. Because of the above problem the depth of the anomalies are also difficult to estimate although most of the anomalies with the exception of a anomaly on lines 5300E, 5200E and 5050E appear to respond best on the second or third separation, using the pole dipole array.

A weak I.P. response (in comparison to the main anomaly) is also noticed at approx. 4425N to 4450N on lines 4950E, 5000E and possible 4900E.

The resistivity generally increases and chargeability decreases south of approx. 4700N to 4800N suggesting a different rock type in this region.

A dipole dipole I.P. survey, using a=50M, was completed on three lines to obtain a deeper search area and confirm (anomalies from a dipole dipole survey are more symmetrical) the location of the strong pole dipole I.P. anomalies. This survey confirms most of the pole dipole anomalies but shift them slightly to the north. Time restraints prevented any more detail surveying.

RECOMMENDATION

The strong anomalies should be tested further by trenching and/or diamond drilling. Trenching is recommended before drilling to get a better idea of the type of mineralization, location of the mineralization in relation to the anomalies and the dip of the geology (drilling should be shifted to the down dip side). The following is a list of anomalies, in order of priority, that appear to be shallow enough to be accessible by trenching:

1) from 4975N to 5050N on line 5300E
2) from 5025N to 5075N on line 5200E
3) from 4975N to 5000N on line 5050E
4) possibly from 4970N to 5025N on line 5000E (this may also give an idea of the cause of the resistivity high)

The center of the above location would also be favorable drill targets although this should be adjusted on the results from the trenching. It is recommended to also drill some of the deeper targets on the same lines especially those on line 5200N at approx. 4950E and on line 5050N of approx 5115E.

Since there are indications of massive sulfides in the area it would be recommended to perform a Max-Min 1 (Horizontal loop EM) survey in the grid area. If there are massive sulfide areas presents, within the anomalous I.P. areas, an EM survey would give better definition of the location of the sulfides and therefore a better drill target. An EM survey may also help to locate (using the high frequency capabilities on the Max-Min 1) structures such as faults or contacts. Judging from the resistivity data there is probably a conductive layer (possible the source of the anomaly) in the anomalous area.

The survey area should also be extended both to the east and west of the present grid, to find the extend of the anomaly.

CONCLUSION

A large anomalous zone probably reflecting a conductive and chargeable layer was found extending the width of the grid area surveyed. The anomalous zone is open to both the east and the west of the survey area.

An number of strong I.P. anomalies were located within the large anomalous area. The strong I.P. anomalies should be examined further by trenching and possibly diamond drilling.

If massive sulfides are present a EM survey would be useful in better defining the location of a drill target.

Syd Visser F.G.A.C.

Geophysicist
S.J.V. Consultants LTD.

APPENDIX

STATEMENT OF QUALIFICATIONS

I, Syd J. Visser, of 8081 - 112th Street, Delta, British Columbia, hereby certify that,

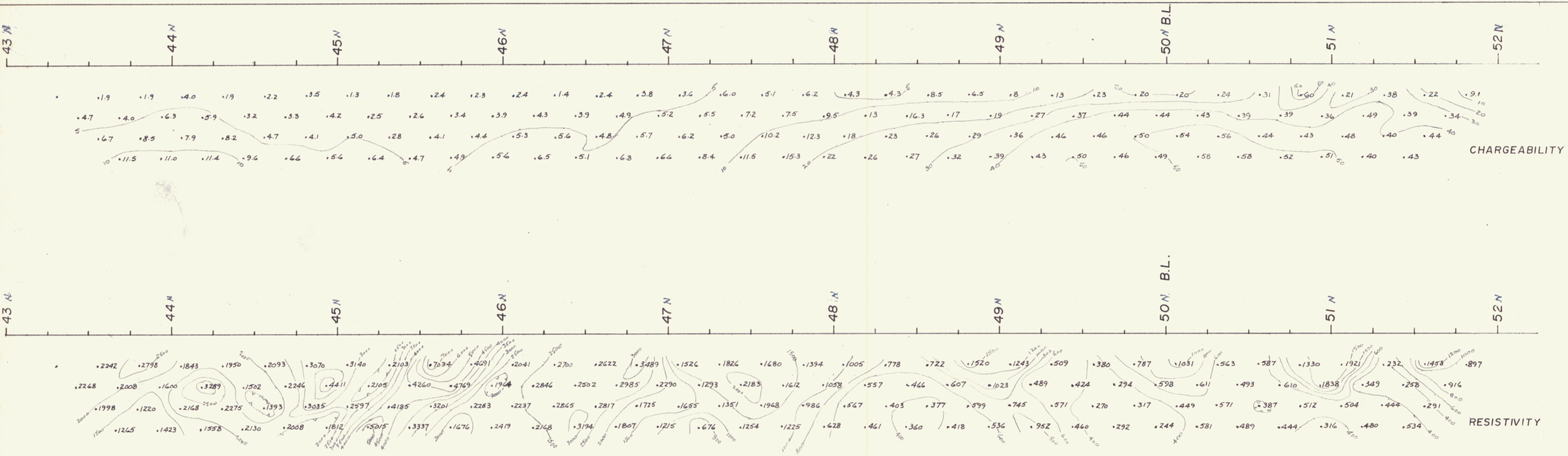
1) I am a graduate from the University of British Columbia, 1981, where I obtained a B.Sc. (Hon.) Degree in Geology and Geophysics.

2) I am a graduate from Haileybury School of Mines, 1971.

3) I have been engaged in mining exploration since 1968.

4) I am a Fellow of the Geological Association of Canada.

Syd J. Visser, B.Sc., F.G.A.C.
Geophysicist



002580

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

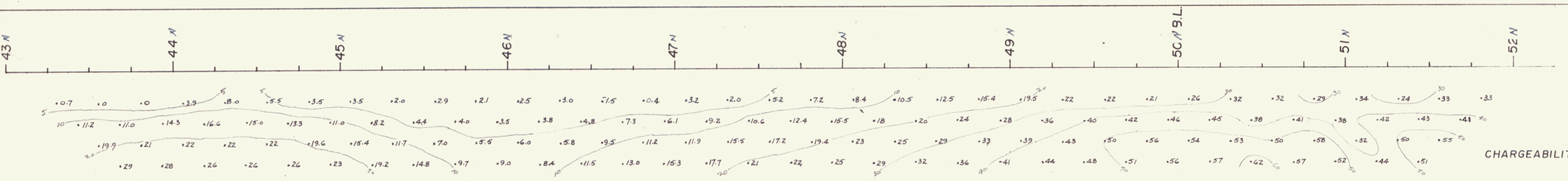
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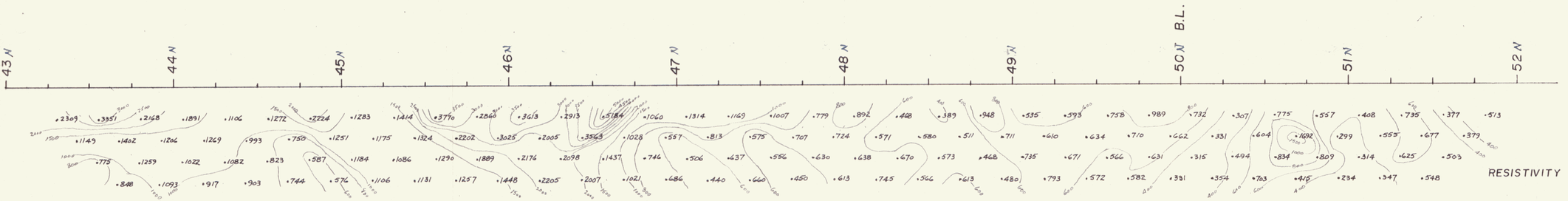
JULY 1988

LINE 49+00E

FIGURE 4a

612





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LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

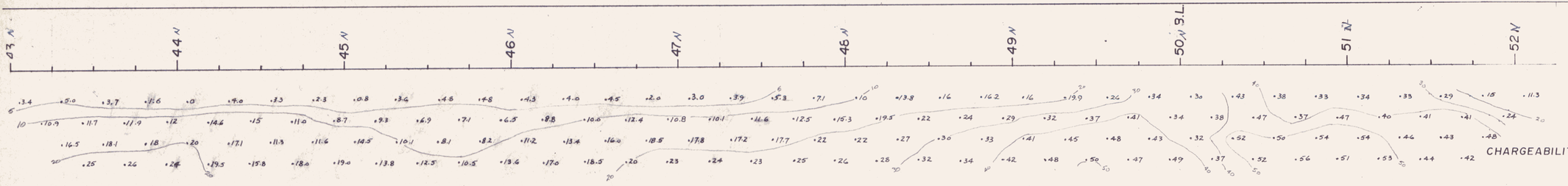
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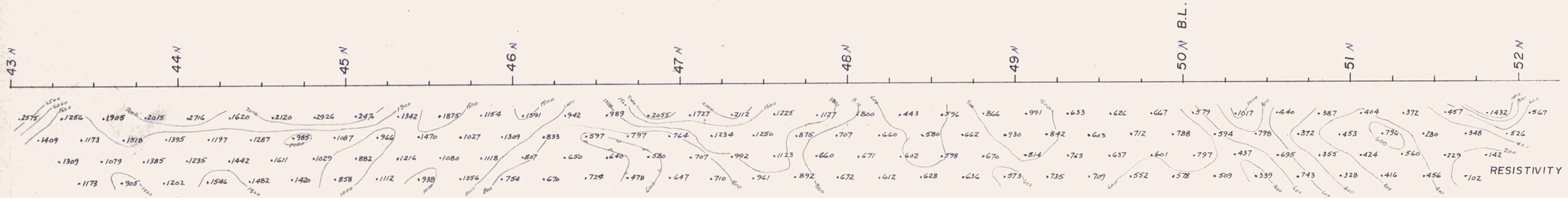
JULY 1988

LINE 49+50 E

FIGURE 4 b

613





092e80

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LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

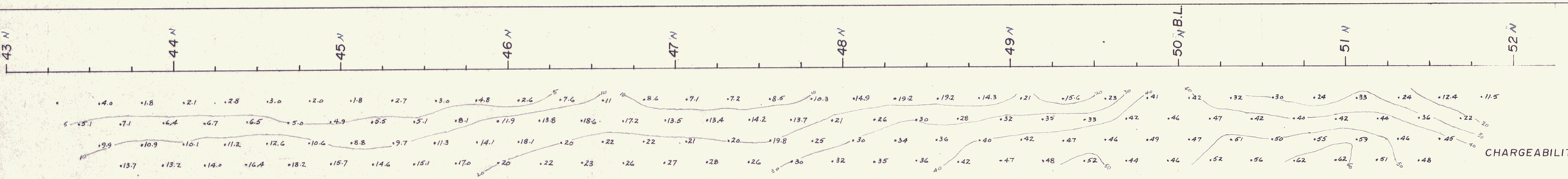
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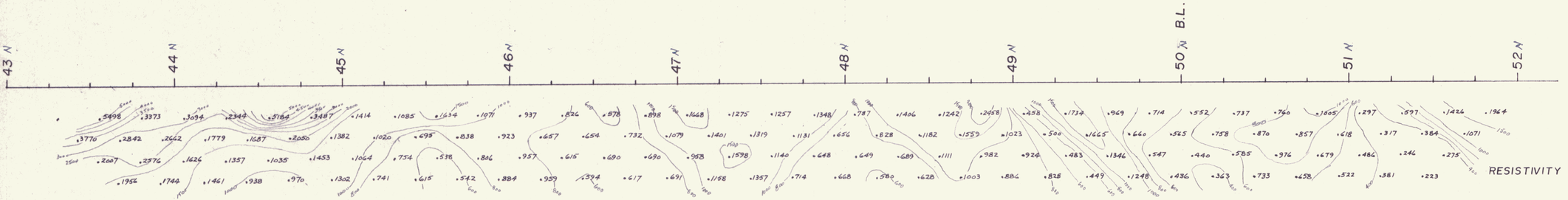
JULY 1988

LINE 50+00 E

FIGURE 4c

614





092530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

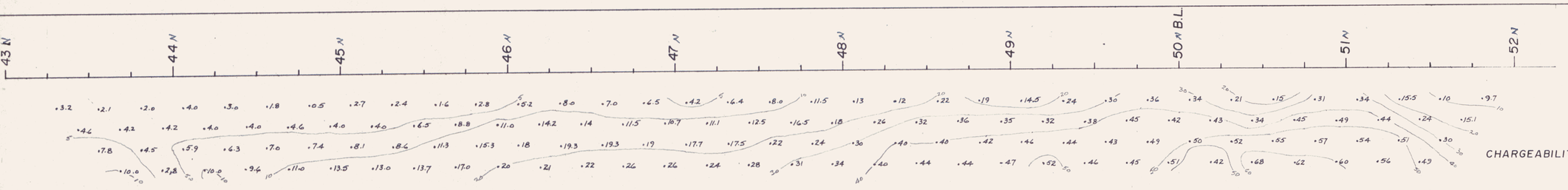
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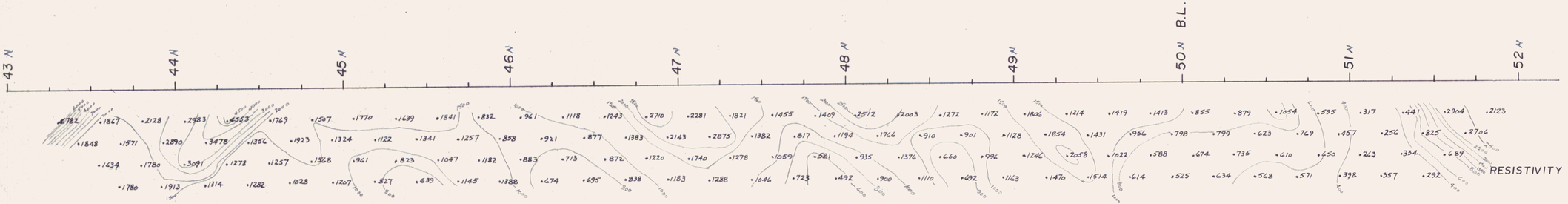
JULY 1988

LINE 50+50 E

FIGURE 4 d

615





002530

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LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

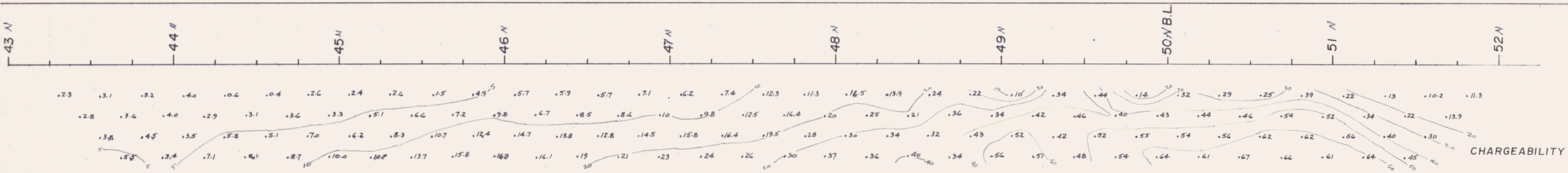
SCALE 1:1250

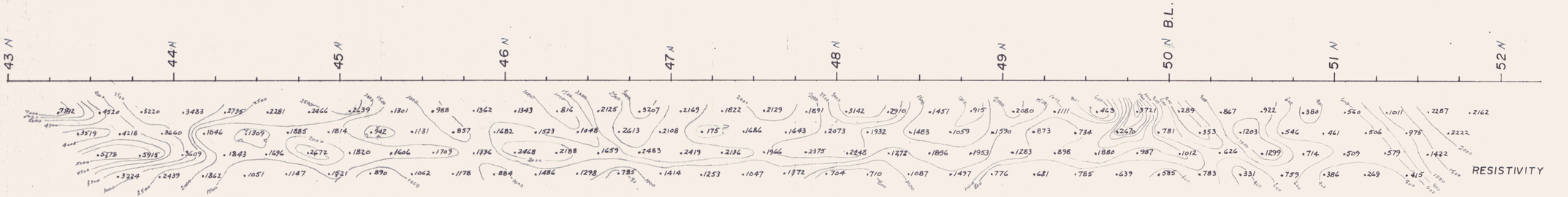
JULY 1988

LINE 51+00 E

FIGURE 4e

616





002530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION
POLE DIPOLE ARRAY

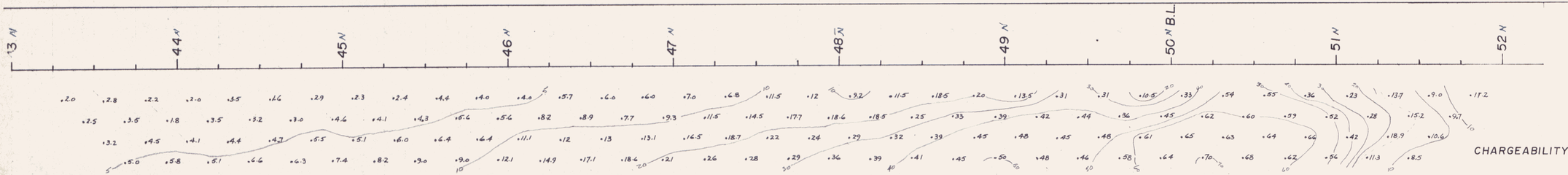
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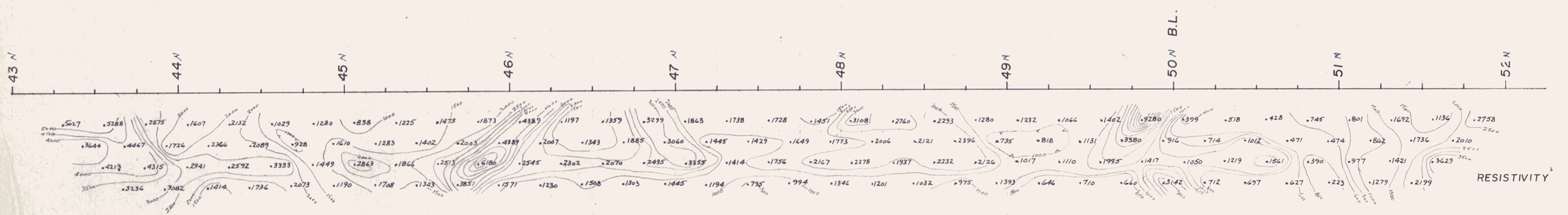
JULY 1988

LINE 51+50 E

FIGURE 4f

617





092530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

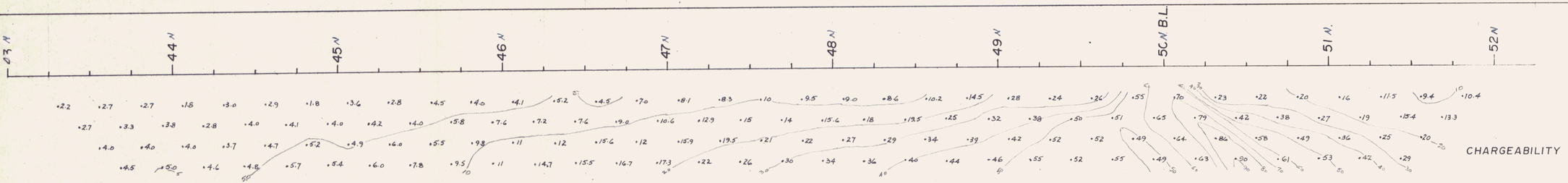
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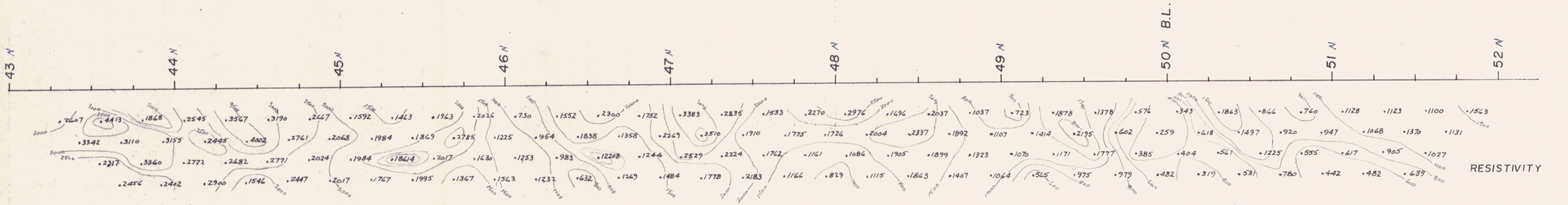
JULY 1988

LINE 52+00 E

FIGURE 4 g

6/8





0 2530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

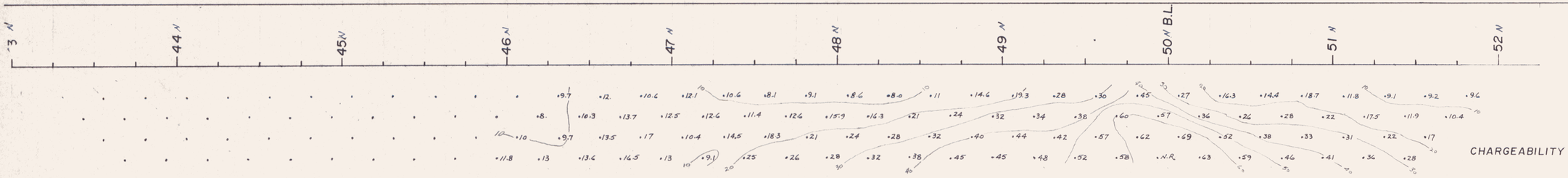
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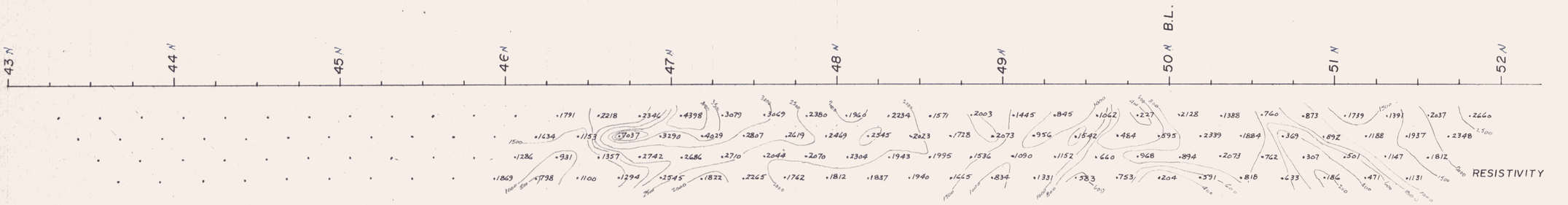
JULY 1988

LINE 53+00 E

FIGURE 4 h

619





SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

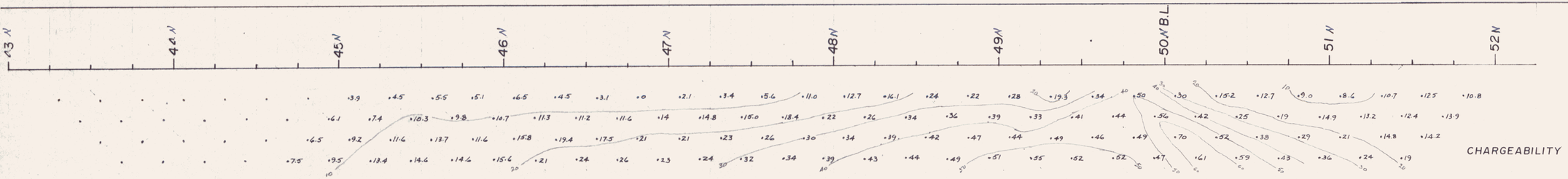
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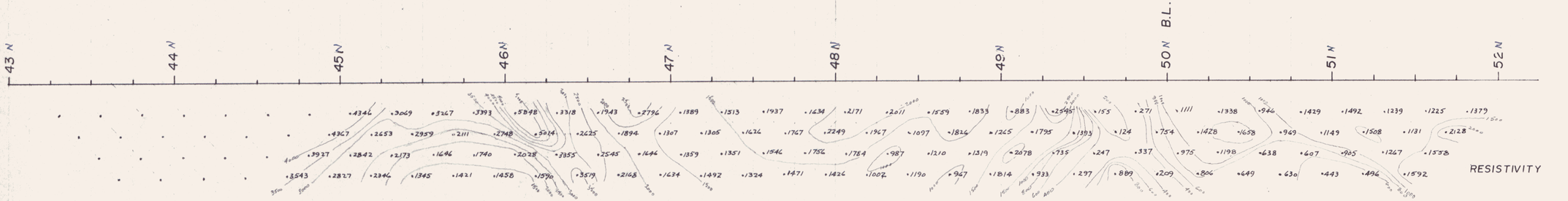
JULY 1988

LINE 54+00 E

FIGURE 4 i

620





092530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

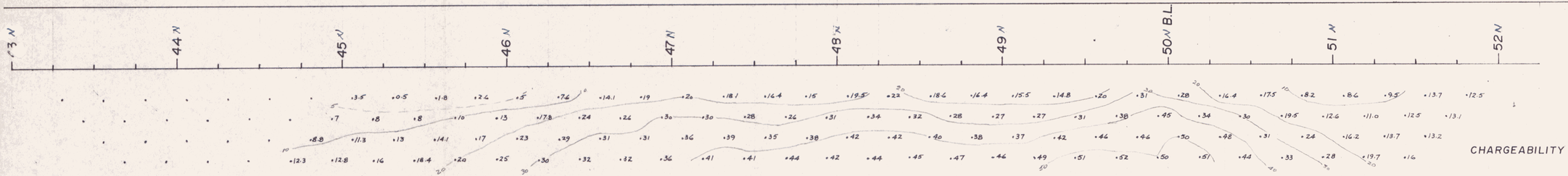
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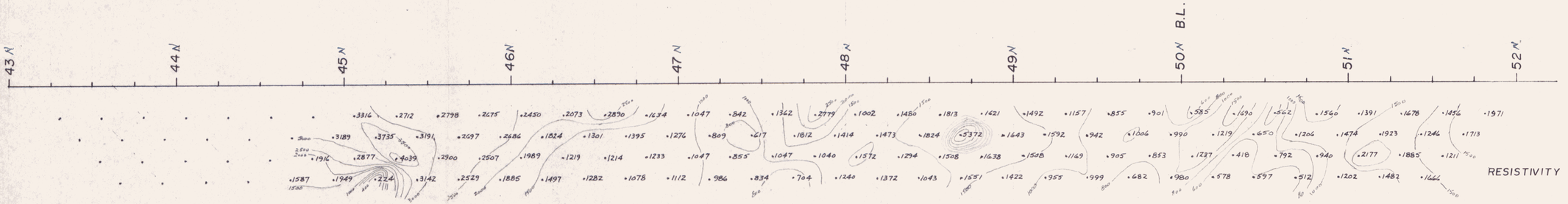
JULY 1988

LINE 55+00 E

FIGURE 4j

629





092530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION

POLE DIPOLE ARRAY

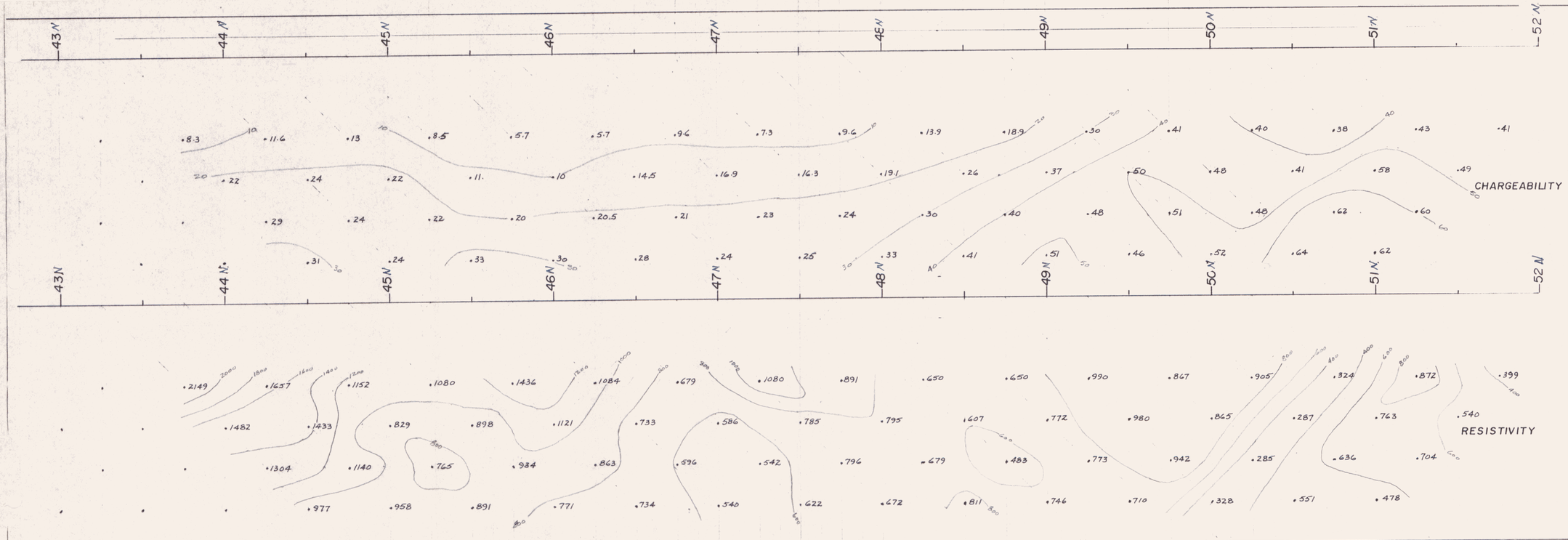
SCALE 1:1250

JULY 1988

LINE 56+00 E

FIGURE 4k

622



092530.

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION
DIPOLE-DIPOLE ARRAY

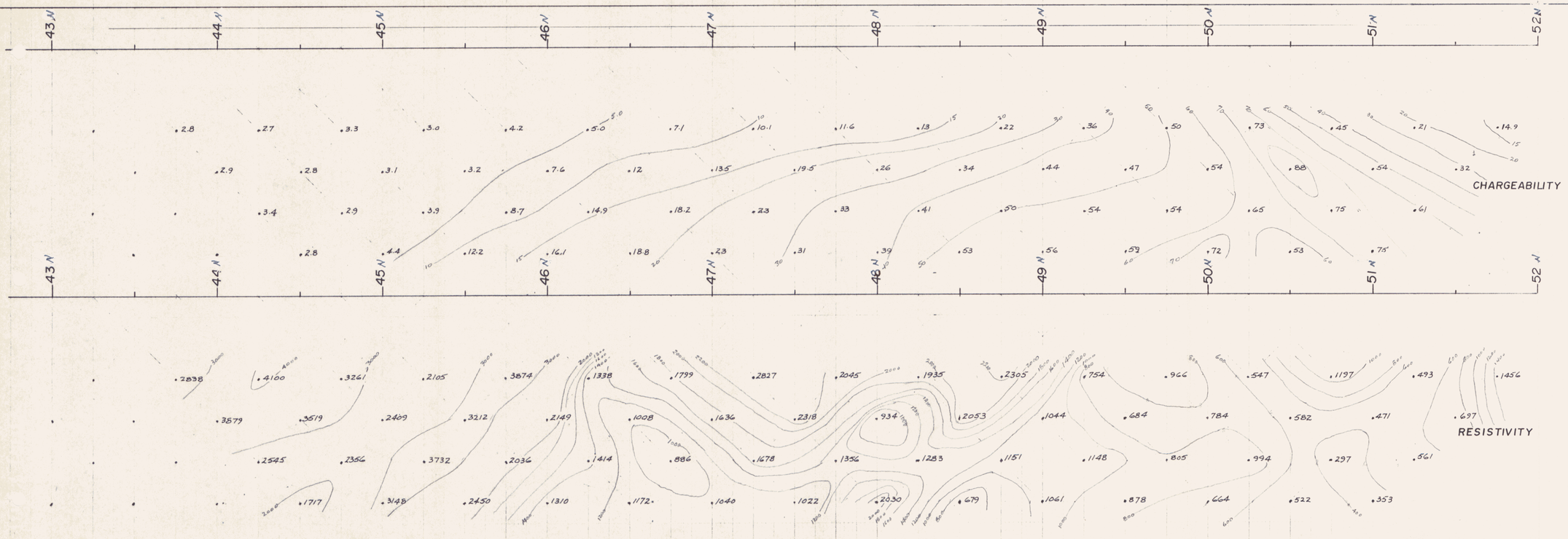
SCALE 1:1250

JULY 1988

LINE 50+00 E

FIGURE 41

623



SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION
DIPOLE-DIPOLE ARRAY

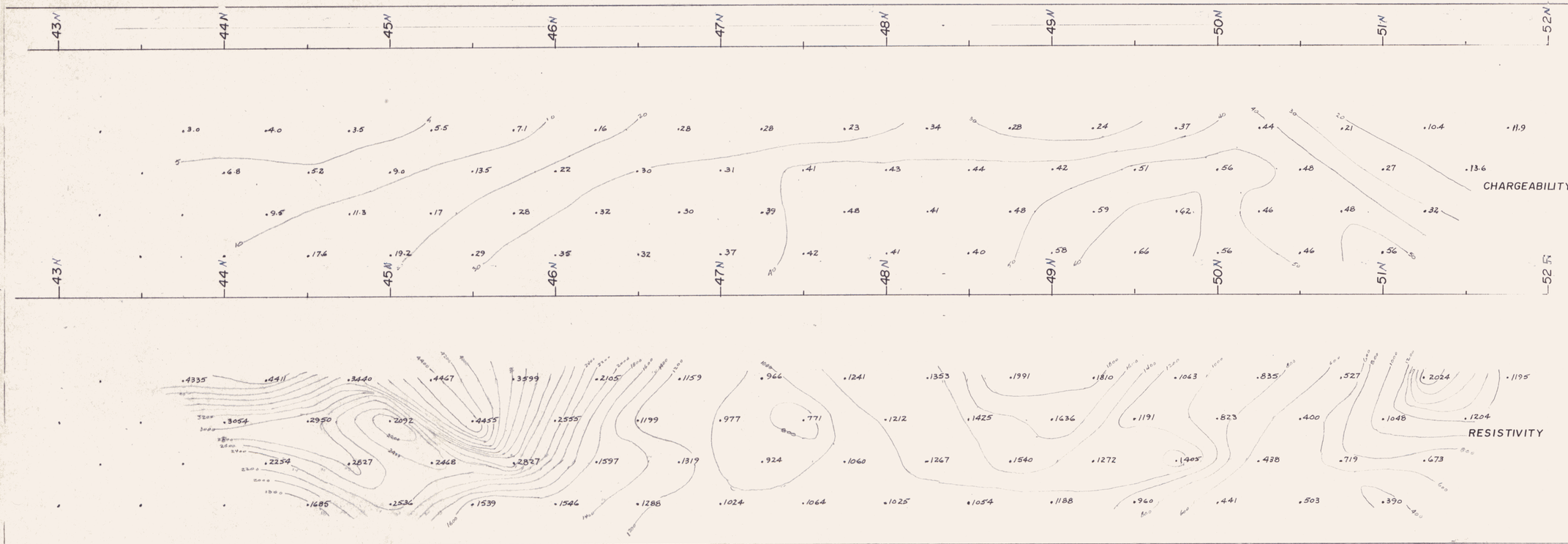
SCALE 1:1250

JULY 1988

LINE 53+00 E

FIGURE 4 m

624



092530

SECRET PASS RESOURCES LTD.
LEFT CLEAR CREEK, YUKON
115P/14

RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION
DIPOLE-DIPOLE ARRAY
SCALE 1:1250
JULY 1988

LINE 56+00 E
FIGURE 4n

625

SECRET PASS MINERALS CORP.

RAIN, WIND & SLEET CLAIMS
DAWSON MINING DISTRICT YUKON
NTS 115P/14

626

TOPOGRAPHY AND GRID LOCATIONS

SCALE: 1:10 000 DATE: JULY 1988

092530 MAP I

SEE DETAILED MAP

WIND 2

SLEET

HARPER

BL 50+00N

45+00N

40+00N

35+00N

45+00E

50+00E

55+00E

60+00E

65+00E

TRENCH

CLAIM POST

▲50 ROCK GEOCHEM. SAMPLE, Gold ppb

QUARTZ MONZONITE, QUARTZ DIORITE

Prominent orthoclase phenocrysts, usualy biotite bearing, some hornblende phases.

QUARTZITE, SCHIST

Laminar to blocky, micaceous partings, commonly rusty, quartz lenses, minor skarn

Au As

002530

0 100 200 300 400 500

metres

SECRET PASS MINERALS CORP.

RAIN, WIND AND SLEET CLAIMS

DAWSON MINING DISTRICT

NTS 115P/14

HARPER GRID 627

GEOCHEMISTRY & GEOLOGY

SCALE 1:5,000 JULY 1988

MAP II

N

TRENCH

CLAIM POST

ROCK GEOCHEM, Gold ppb

Au + As SOIL SAMPLE Au ppb, As ppm

QUARTZ MONZONITE, QUARTZ DIORITE
Prominent orthoclase phenocrysts, usualy biotite bearing, some hornblende phases.

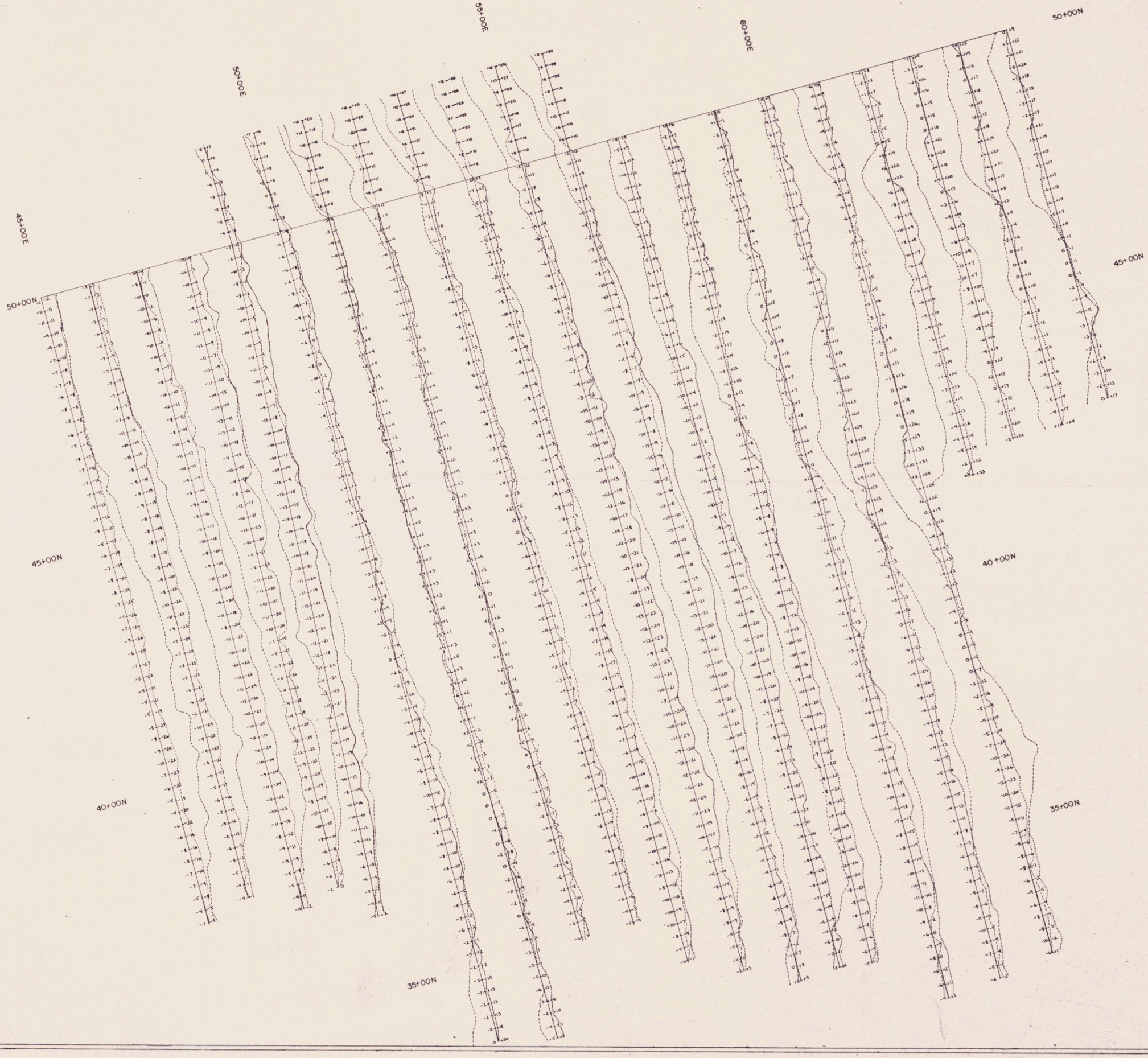
QUARTZITE, SCHIST
Laminar to blocky, micaceous partings, commonly rusty, quartz lenses, minor skarn.

.092530.

SECRET PASS MINERALS CORP.
RAIN, WIND AND SLEET CLAIMS
DAWSON MINING DISTRICT
NTS 115P/14
RHOSGOBEL GRID 628
GEOCHEMISTRY & GEOLOGY

SCALE 1:5,000 JULY 1988

MAP III



N

LEGEND

Quadrature — Dip Reading

+10 — 10

+10 — 10

+10 — 10

Instrumenth Geonics EM-16

092530

50 0 50 100 200

metres

MAP IV 633

JC STEPHEN EXPLORATIONS LTD.

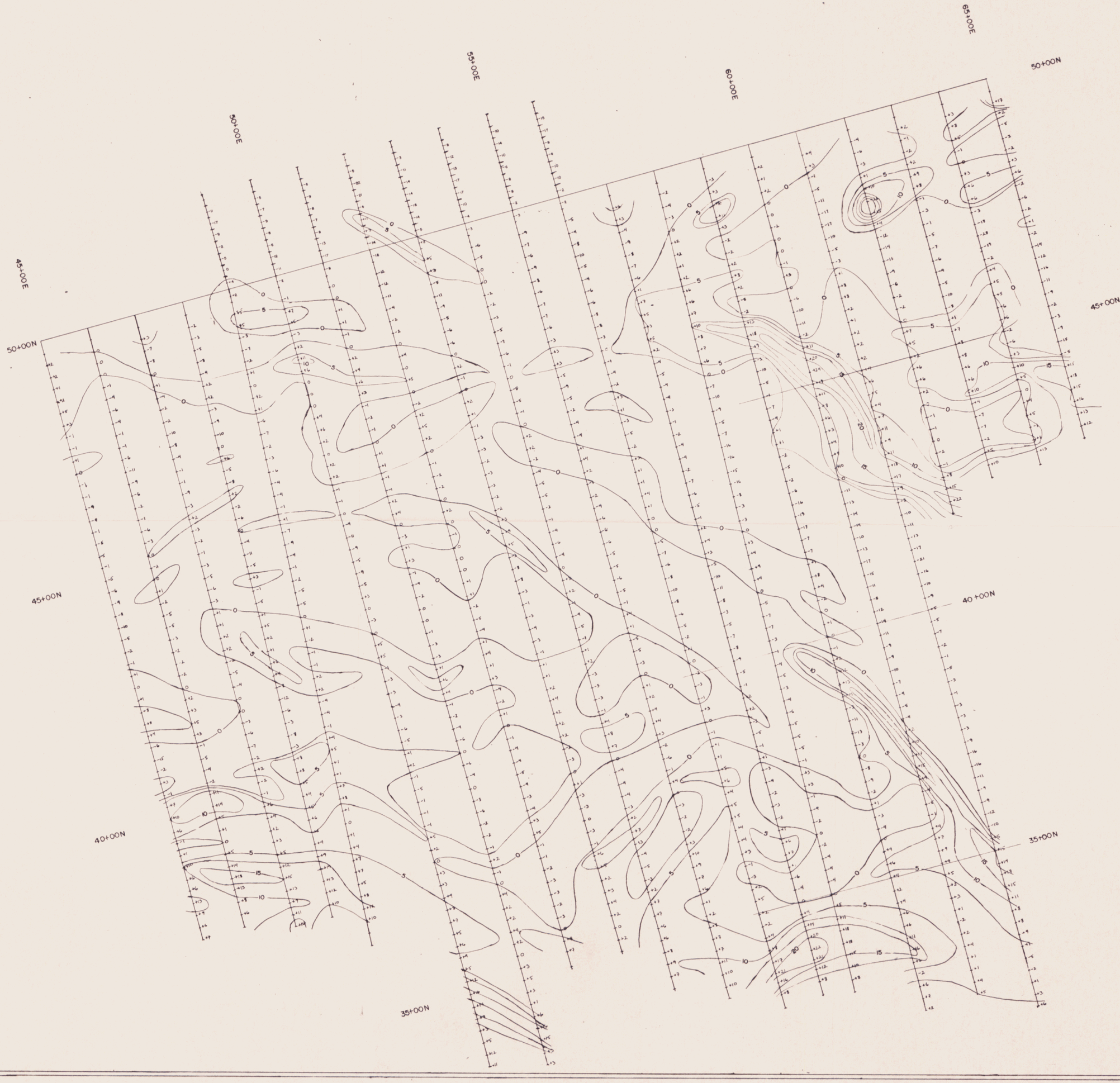
SECRET PASS MINERALS CORP.

SCOTTIE THOM PROJECT

VLF-EM PROFILES

SEATTLE

OCTOBER 1987 NTS 115P 14 SCALE 1:2500



MAP V 634

JC STEPHEN EXPLORATIONS LTD.

SECRET PASS MINERALS CORP.

SCOTTIE THOM PROJECT

VLF-EM SEATTLE

FRASER FILTERED DATA

OCTOBER 1987 NTS 115 P 14 SCALE 1:2500



N

SECOND SEPARATION CHARGEABILITY

a = 25 metres

022530

0 100 200 300 400 500

metres

SECRET PASS MINERALS CORP.

RAIN, WIND AND SLEET CLAIMS

DAWSON MINING DISTRICT

NTS 115P/14

INDUCED POLARIZATION
POLE DIPOLE ARRAY
CHARGEABILITY

631

SCALE 1:5,000 JULY 1988

MAP VI



SECOND SEPARATION RESISTIVITY

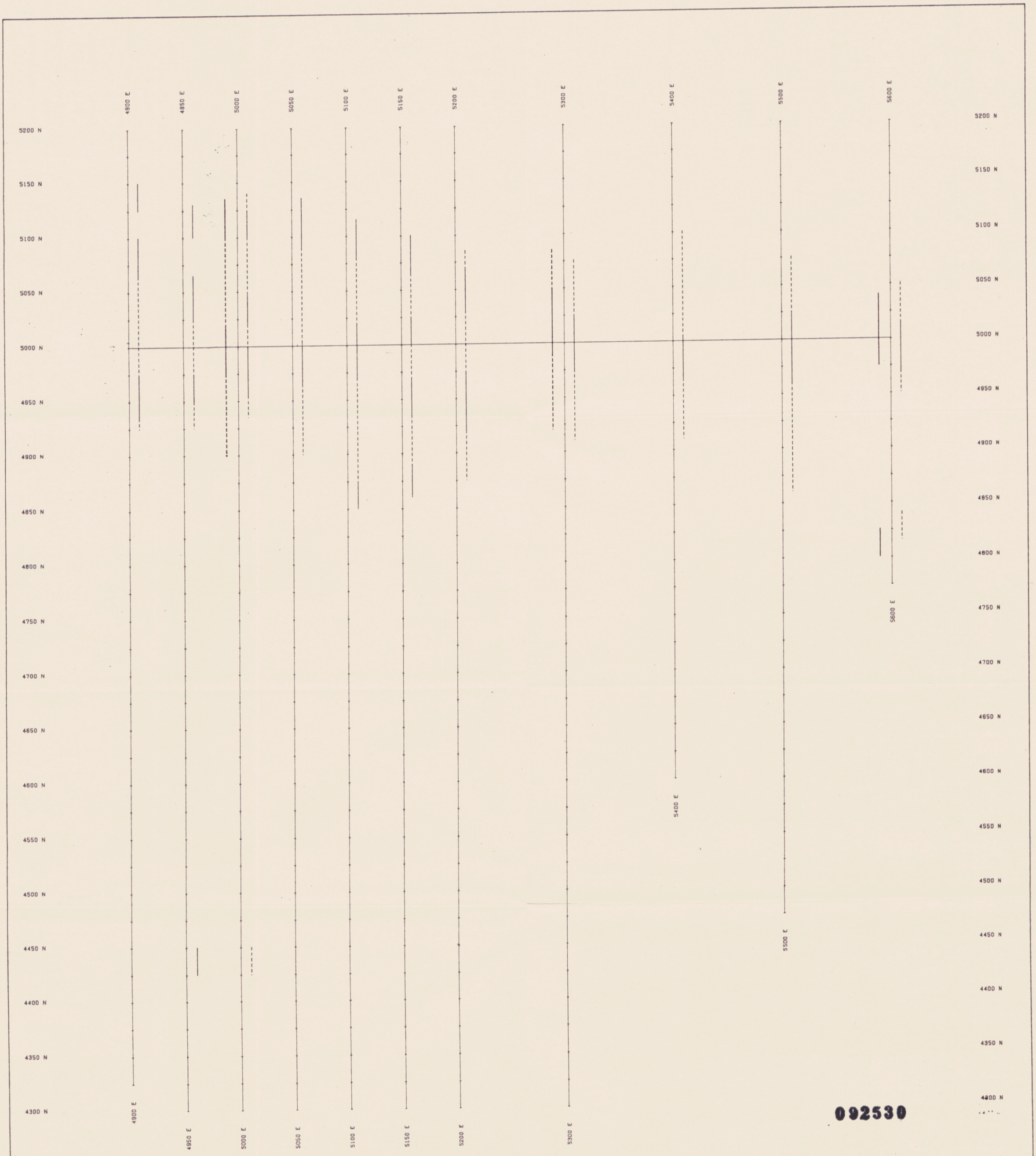
a = 25 metres

.002530

0 100 200 300 400 500
metres

SECRET PASS MINERALS CORP.
RAIN, WIND AND SLEET CLAIMS
DAWSON MINING DISTRICT
NTS 115P/14
INDUCED POLARIZATION
POLE DIPOLE ARRAY
RESISTIVITY
630
SCALE 1:5,000 JULY 1988

MAP VII



LEGEND

STRONG ANOMALIES FROM DIPOLE-DIPOLE SURVEY (5000E,5300E,5600E)
WEAK
GRID LINES
STRONG ANOMALIES FROM POLE-DIPOLE SURVEY
WEAK

092530

SECRET PASS RESOURCES LTD.
SCOTTIE THOM PROJECT
RAIN, WIND, SLEET CLAIMS

INDUCED POLARIZATION COMPILATION MAP

NTS 115P14 LEFT CLEAR CREEK, YUKON

METRES
25 0 50 100

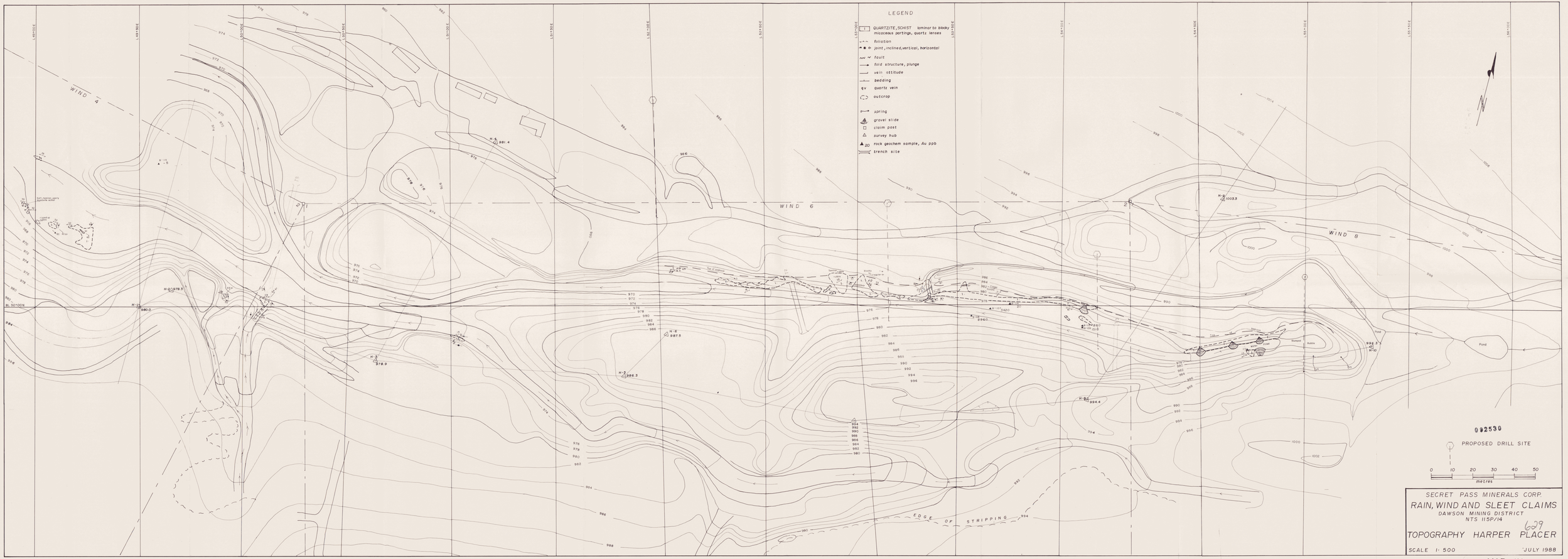
AUGUST 1988

PLATE I

632

J.J.V. CONSULTANTS LTD.

MAP VIII


LEGEND
QUARTZITE, SCHIST laminar to blocky
micaceous partings, quartz lenses
foliation
joint, inclined, vertical, horizontal
fault
fold structure, plunge
vein attitude
bedding
qv quartz vein
outcrop
spring
gravel slide
claim post
survey hub
rock geochem sample, Au ppb
trench site
WIND 4
WIND 6
WIND 8
EDGE OF STRIPPING
092530
PROPOSED DRILL SITE
0 10 20 30 40 50
metres
SECRET PASS MINERALS CORP.
RAIN, WIND AND SLEET CLAIMS
DAWSON MINING DISTRICT
NTS 115P/14
TOPOGRAPHY HARPER PLACER
SCALE 1:500
JULY 1988
MAP IX