ARIS SUMMARY SHEET

District Geologist, Nelson | Off Confidential: 89.05.03

ASSESSMENT REPORT 17360 MINING DIVISION: Slocan

PROPERTY: Midas Touch
LOCATION: LAT 49 53 33 LONG 117 18 40
UTM 11 5526505 477653
NTS 082F14W
CLAIM(S): Midas Touch,Midas Touch 2
OPERATOR(S): Midas Creek Ex.
AUTHOR(S): Butler, S.P.;DiSpirito, F.
REPORT YEAR: 1988, 58 Pages
COMMODITIES
SEARCHED FOR: Gold,Silver,Copper,Lead,Zinc
GEOLOGICAL
SUMMARY: The property is underlain by high grade metamorphic rocks of the Jurassic-Triassic Slocan Group. An intrusive contact with Cretaceous-Jurassic Nelson Plutonic Rocks occurs near the centre of the work area. Mineralization is of two types: a) small, high grade silver, lead, zinc (gold) lenses and b) disseminated sulphides in silicified shears with low gold and silver values.
WORK
DONE: Geological,Geochemical,Geophysical,Physical
EMGR 7.4 km;VLF ,HLEM
GEOL 24.0 ha
LINE 9.5 km
MAGG 4.8 km
ROAD 1.5 km
ROCK 26 sample(s) ;CU,PB,ZN,AU,AG
SOIL 368 sample(s) ;CU,PB,ZN,AG,AU,AS,SB
Map(s) - 1; Scale(s) - 1:2000
TREN 45.0 m 1 trench(es)
MINFILE: 082FNW

MIDAS CREEK EXPLORATIONS LTD.

Report

on the

Midas Touch Claim Group

Slocan Mining Division

N. Latitude: 49° 53' 30" **W. Longitude: 117° 19' 00"**

NTS 82F/14

by

Sean P. Butler, B.Sc./Frank DiSpirito, B.A.Sc., P.Eng

STRATO GEOLOGICAL ENGINEERING LTD.
3566 King George Highway
Surrey, British Columbia
V4A 5B6

February 22, 1988

STRATO GEOLOGICAL ENGINEERING LTD.

SUMMARY

During September, October and December of 1987 a preliminary exploration program was performed on selected portions of the Midas Touch claims on behalf of Midas Creek Explorations Ltd. The program included geological mapping, soil and rock sampling, VLF and HL - Shootback Electromagnetic surveys, a magnetometer survey and road reconditioning.

The Midas Touch property consists of two modified grid mineral claims located near Silverton, B.C. within the Slocan Mining Division. The claims are indicated on NTS map 82F/14 and centered at 49 degrees 53' 30" North latitude and 117 degrees 19' West longitude. Access to the property is by 4-wheel drive road.

A number of old showings (trenches), a short (3m) adit and an abandoned camp exist on the property. The fall, 1987 program focused on areas where prevous work had exposed lead, zinc and silver mineralization.

The property covers a contact between meta-sediments of the Triassic Slocan Group and the intrusive rocks of the Jurassic-Cretaceous Nelson Batholith. Mineralized zones are silicified and carry mainly pyrite, galena and sphalerite with lesser amounts of silver and minor gold. The work completed to date has outlined a number of mineralized zones of undetermined geometry or strike length.

In order to properly evaluate the economic potential of the Midas Touch claims, a two phase exploration program is recommended. The estimated cost to complete Phase 1 is $60,000. Contingent upon obtaining encouraging results from Phase 1, a Phase 2 program should be performed at an estimated cost of $100,000.

Respectfully submitted,
Strato Geological Engineering Ltd.

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO

Sean P Butler

Sean P. Butler, B.Sc.
February 22, 1988

Frank DiSpirito

Frank DiSpirito, B.A.Sc., P. Eng.

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1. INTRODUCTION

Pursuant to a request by the Directors of Midas Creek Explorations Ltd., a preliminary exploration program was conducted on selected portions of the Midas Touch 2 mineral claims. The work, comprised of geophysics, geochemistry, trenching and geology, was performed during September, October and December of 1987. The objective of the program was to evaluate the economic mineral potential of the property. The work focussed on areas where a number of old showings were evident.

1.1 Location and Access

The Midas Touch property is in the Slocan Mining Division and is indicated on NTS map 82F/14W. It is centered at latitude 49 degrees 53' 30" N and longitude 117 degrees 19' W (Figure 1).

The claims are located 6.5km southeast of Silverton, B.C. They include the headwaters of Hasty (a.k.a. Gold and Vevey) Creek extending over the ridge into the Maurier Creek valley. Access is via gravel roads leaving Highway 6 from the town of Silverton and following Silverton Creek easterly for about six kilometers then southerly along Maurier Creek valley for about four kilometers. A steep four wheel drive access road has been constructed up the western slope of Maurier Creek valley, down to Hasty Creek and across the cirque to within close proximity of several old trenches and a short adit. A bulldozer was used to rehabilitate the "cat" trail for use by 4x4 vehicles from the ridgetop down into the Hasty Creek cirque during the Fall, 1987 program.

1.2 Physiography

The claims are situated within the Selkirk Mountain range. Elevations on the claims vary between 1400 meters (4600 feet) in the northeast corner to 2315 (7600 feet) near the top of Red Mountain in the south central portion of the Midas Touch claim (Figure 2). The topography is often steep with talus slopes common, especially in the cirque at the head of Hasty Creek. The topography of the area has been shaped largely by the Pleistocene glaciation with hanging valleys, cirques and aretes common in the area.

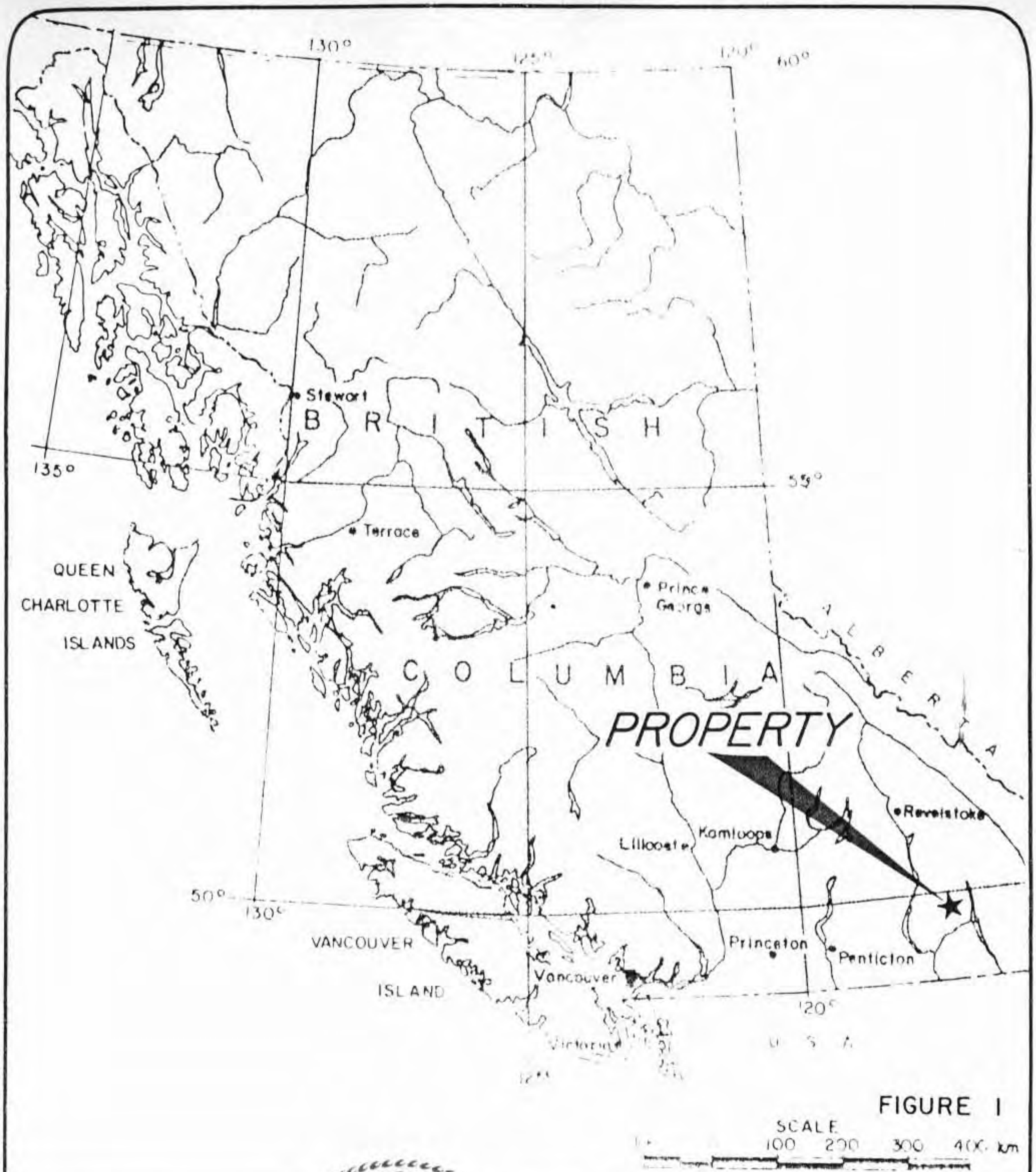

FIGURE I

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MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. —— NTS 82 F/14

PROPERTY LOCATION

January, 1988

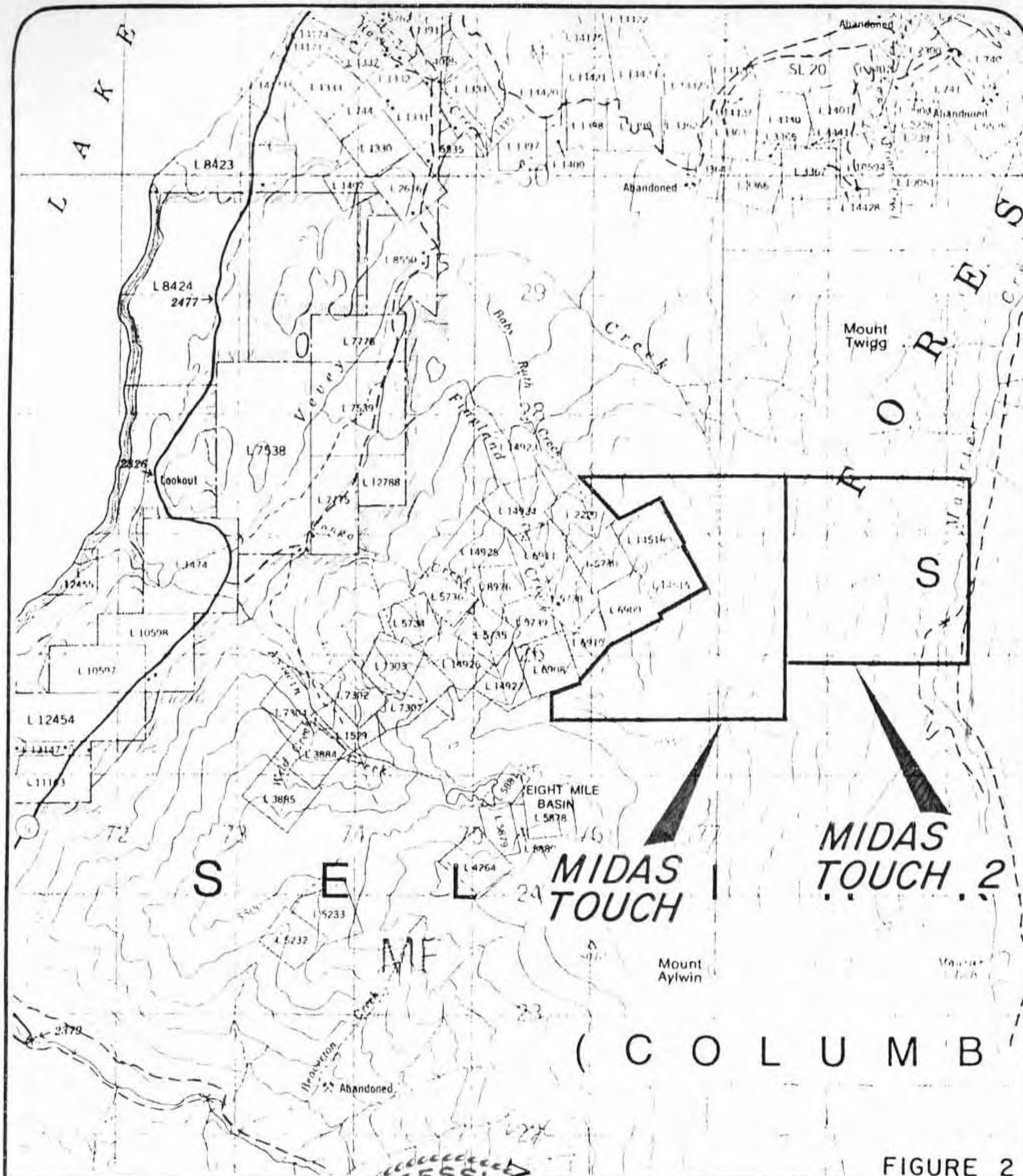

FIGURE 2

PROFESSIONAL ENGINEER
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SCALE 1: 50,000
0 500 1000 2000 3000 METRES

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. ——— NTS 82 F/14

TOPOGRAPHIC MAP

January, 1988

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The area is heavily timbered with spruce, balsam, hemlock and pine. Alpine shrubs and grasses occur above 2000 meters elevation. Small streams transect the property which probably have sufficient flow for diamond drilling. The main showings on the property vary in elevation between approximately 1800 and 2000 meters and occur within the cirque at the head of Hasty Creek. A small abandoned camp was found near 1500m elevation in the Maurier Creek valley.

1.3 Property Status

The property consists of two contiguous modified grid mineral claims. They total 25 units, but approximately six units overlap previously staked mineral claims (Figure 3). The claims are as follows:

Name	Units	Record Number	Expiry Date
Midas Touch	16	3853(6)	June 2, 1988
Midas Touch 2	9	3854(6)	June 2, 1988

These claims are owned by David Groenhuysen and Mike Tarnowski as confirmed in a telephone conversation on September 23, 1987 with the Government Agent's office in Kaslo. They are grouped as the Midas Touch group. Midas Creek Explorations Ltd. has an option on the Midas Touch group of mineral claims. The work program comprising the subject of this report will extend the expiry date of the mineral claims following application of the work for assessment.

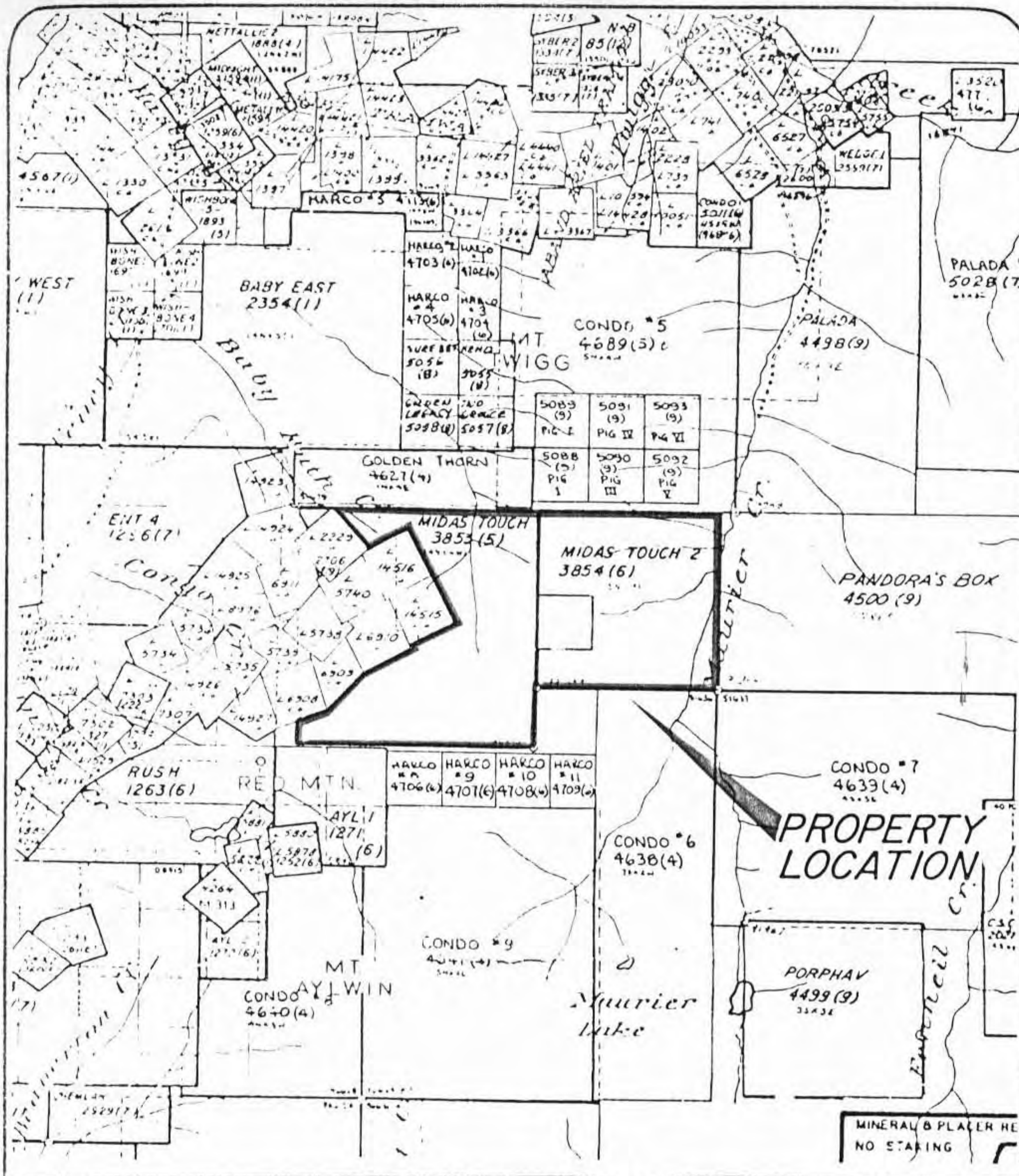

FIGURE 3

SCALE 1:50,000

0 500 1000 2000 3000 METRES

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY

SLOCAN MD —— NTS 82 F/14

CLAIM MAP

January, 1988

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2. HISTORY

The history of the property and area is in part described by Keyser (1985) as follows:

> "Considerable prospecting was carried out in the Slocan Valley area starting in the 1880's, culminating in the discovery of a number of high grade silver-lead-zinc vein-type deposits. Production of over 60 deposits peaked during the period 1890-1910, and has since declined to where only a handfull of small producers are active today.
>
> Exploration on the Midas Touch property dates back to the 1880's, and claims were probably first staked in the 1890's. Hand trenching was subsequently carried out on silver-bearing veins, but no production is thought to have taken place. The present owners acquired the ground in 1969 and have built an access road and carried out some trenching.
>
> Way (1983) examined the property for Sveinson Way Mineral Services Ltd. of Edmonton, Alberta in 1982, and this is the earliest documentation of previous work available."

A geological mapping and sampling program was done by Keyser in 1984. Property examinations were made by Locke Goldsmith in 1984 and Dave Makepeace in 1983.

Approximately 4km to the southwest of the Midas Touch claims, Northair Mines is currently developing a gold/silver/copper deposit on the Willa property. The zone on the Willa property is presently being developed underground and it is reported that Northair Mines is moving its concentration mill onto the property. The mineralization on this property is in several breccia pipes within possible mafic meta-volcanic rocks of the Rossland Group. (Wong, et al, 1986).

Noranda is presently exploring the LH property immediately to the west of the Midas Touch claims. They have performed an extensive soil sampling and geological mapping program, as well as induced polarization (IP) and diamond drilling. The Midas Touch claims appear to cover a geologic environment similar to the LH property.

3. GEOLOGY AND GEOCHEMISTRY

3.1 Regional Geology

The Midas Touch property is within the Omenica Tectonic Belt of the Canadian Cordillera.

There are two major rock units in the area of the property. A thick succession of Triassic sediments and minor volcanics of the Slocan Group are extensively exposed to the north and within the property (Figure 4).

The other unit is the Jurassic-Cretaceous age plutonic rocks of the Nelson Batholith. This series of rocks is predominantly porphyritic granite with lesser amounts of quartz diorite, quartz monzonite, diorite, monzonite and syenite. The porphyritic granite unit contains large (1-5cm) conspicuous phenocrysts of alkali feldspars (Little, 1960).

3.2 Local Geology and Rock Geochemistry

The geology of the Midas Touch property consists of a metamorphic sedimentary package in gradational intrusive contact with rocks of the Nelson Batholith.

The metamorphic rocks appear to be a complex roof pendant of Triassic Slocan series sediments (Little, 1960). These are predominantly meta-sediments recognized as banded grey and black meta-quartzites and schists with reported tuffs and meta-volcanics. The rocks on the nearby Willa property to the west are suggested to be volcanics of the lower Jurassic Rossland Group (Wong, et al, 1986).

Porphyritic granite of the Nelson Batholith underlies a large portion of the property. The major intrusive phase in the Hasty Creek cirque is a quartz monzonite which is locally foliated to a low grade gneiss. Several dykes of porphyritic granite appear to intrude the quartz monyonite. A lamprophyre dyke was recognized near the Kirsten showing and pieces of lamprophyre rock float were found on the talus slopes.

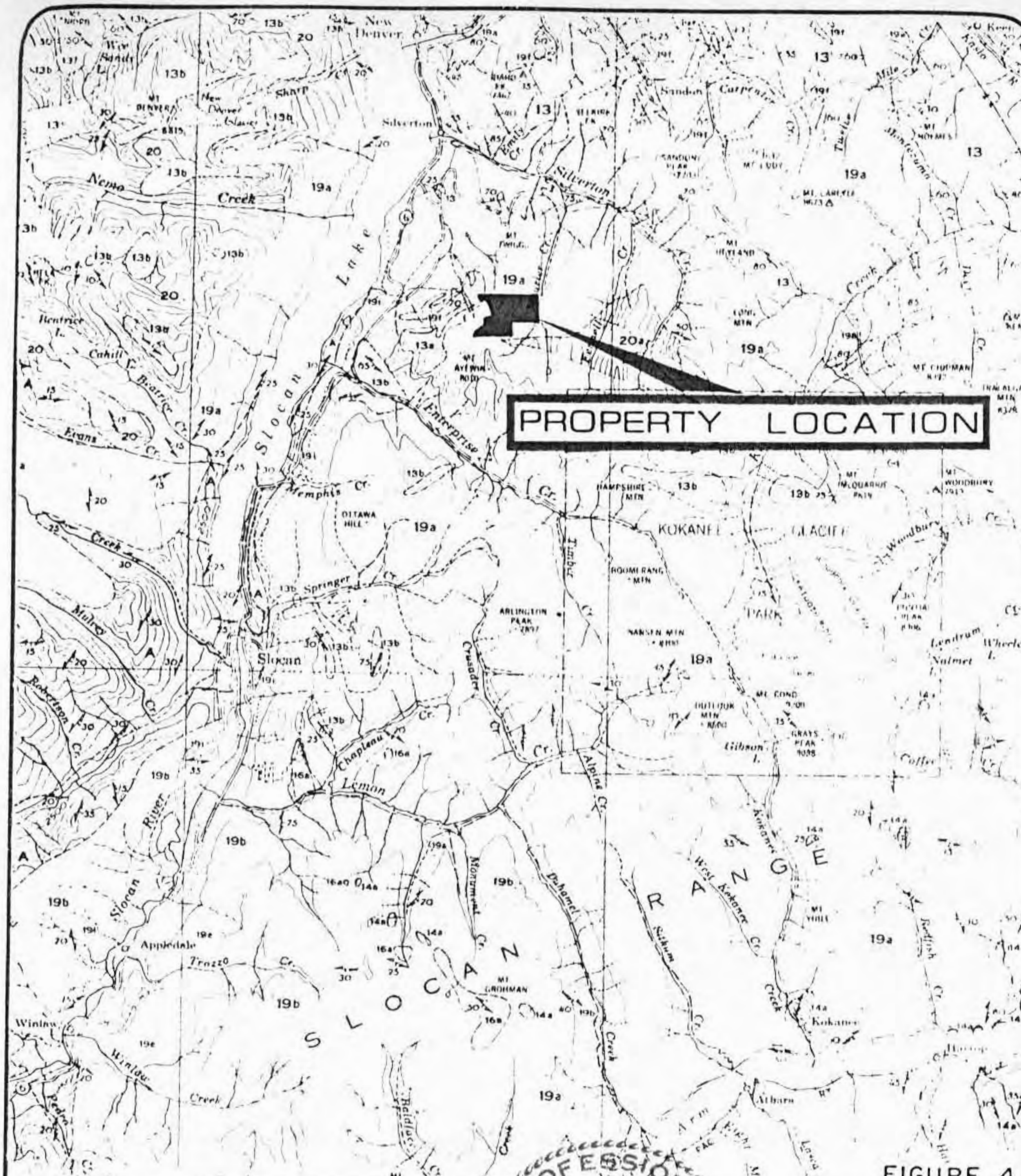

FIGURE 4

13 SLOCAN GROUP slate, argillite, quartzite, limestone, conglomerate, tuff; 13a includes some volcanic rocks
13b paragneiss (probably Slocan group)

FROM GSC MAP 1090A

Miles
0 4 8

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. NTS 82 F/14

REGIONAL GEOLOGY

January, 1986

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The contact between the two major units is gradational. The metamorphic unit is exposed along the ridge on the west of the property and extends down to the base of the slope on the west side of the Hasty Creek basin. The quartz monzonite is possibly a crystalline phase of the metamorphosed sediments that has been remobilized or formed as a chill margin during emplacement of the Nelson Batholith.

The mineralized zones are silicified, frequently following shears, and carry disseminated sulfides (predominantly pyrite with minor pyrrhotite). Within these zones are lenses of massive pyrite, galena and sphalerite. These lenses are usually small and often carry anomalous precious metal values.

The shear zone exposed on the top of the ridge between Hasty and Maurier Creeks is an argillic alteration zone (Figure 5). It weathers easily and forms a depression across the top of the ridge. Bedrock is broken and weathered where found in two of the trenches along this structure. Two samples were collected from this zone. One altered lens less than 0.3m in width was sampled (Z6670) and returned 6.56% lead, 1.25% zinc, 2.29 oz/t silver with no gold. A sample from the weathered rock surrounding this zone (Z6671) returned no appreciable values in any of the elements analyzed.

The Kirsten and Jill showings are comprised of two trenches which cut across a silicified zone containing disseminated pyrite and pyrrhotite. This silicified zone trends to the southeast. The Jill showing is actually two different exposures along the road. The Jill North is a rusty silicified zone with very minor disseminated pyrite and some chlorite and epidote. Sample 60822 from this zone shows a enhancement in gold with 550 ppb present in a chip sample over 2.1m. The main Jill zone is a bulldozer trench cross-cutting an old hand trench. This zone is a highly fractured, rusty zone, with some silicification. The bulldozer was used to clean the trench out during this program and afford fresher samples. Analyses of samples collected during the early property visit before the trench was cleaned out were low in metal values. Sample 60823, a grab of altered rock with pyrite, contains enhanced gold (285 ppb) and significant silver (63.0 ppm) as well as copper, lead and zinc enrichment. Analyses of samples collected at the Kirsten showing, after it was cleaned out, do not reveal significant metal values.

The Clare showing is a silicified shear zone uncovered by an old L-shaped trench. The samples from this zone (select grabs 60807 and 60808) indicate enhanced values in all Cu, Pb, Zn, Ag and Au. Sample 60807 returned 31.1 ppm silver and 1445 ppb gold while sample 60808 returned 23.1 ppm silver and 310 ppb gold.

The Margaret showing is a silicified zone with disseminated sulphide minerals uncovered during construction of the road. This showing is located between the Clare and Sarah Rust showings, indicating the possibility of a continuous low grade zone with high grade lenses along the zone. Three of the samples collected from the Margaret showing are enriched in gold and silver. Sample 60813 contained 10.3 ppm Ag, and 415 ppb Au, sample 60814 contained 3.9 ppm Ag, and 159 ppb Au, and sample 60815 contained 8.8 ppm Ag and 410 ppb Au. This showing is capped by a very red-brown, iron stained soil. The iron stained soil extends to the west of the uncovered outcrop while a talus slope buries the showing to the east. As well the soil samples collected from the lines immediately upslope (L4+50S) and downslope (L4+00S) show anomalous values in copper, lead, zinc, gold and silver.

The Lainey showing is a silicified zone with rusty surfaces and disseminated pyrite and pyrrhotite at the end of the road. Rock samples 60801 to 60806 were chip samples across this zone. The values returned are above background and indicate that mineralizing solutions percolated through this area.

The Mary Jo showing is an old trench dug on a lens of pyrite, sphalerite and galena. The samples 6676 and 6677 were collected at the Mary Jo showing. They indicate significant lead, zinc and silver. (6676 - 41% Pb/8.5% Zn/43.9 oz/ton Ag; 6677 - 7.4% Pb/15.4% Zn/5.96 oz/ton Ag).

The Annabelle showing is an old hand-steeled trench on a pyrite, galena and sphalerite lens. Samples 6678 and 6679 indicate very significant lead, zinc and silver values with low grade gold (6678 - 26% Pb/8.5% Zn/81 oz/ton Ag/0.071 oz/ton Au; 6679 - 6.8% Pb/6% Zn/30.9 oz/ton Ag/0.047 oz/ton Au). The Lainey, Mary Jo and Annabelle showings are located about 20m apart and roughly in line. The higher gold values and a different shear direction in the Annabelle showing indicate that the Annabelle and Mary Jo

Showings are likely two sub-parallel zones. The Mary Jo and Lainey showings are probably parts of the same structure. Significant soil geochemical values are found on Line 5+50S to the northwest of the showings. Further work is needed to connect and extend mineralization in this area.

The Betsy showing is a highly silicified zone developed by a short (3m) adit. Samples 6680 to 6682, collected at the adit, contain anomalous values in lead, zinc, silver and/or gold (6680 - 1.4% Pb/6.9% Zn/3.4 oz/ton Ag; 6681 - 13.6% Pb/10% Zn/19.7 oz/ton Ag/0.019 oz/ton Au; 6682 - 12.57 oz/ton Ag/0.117 oz/ton Au). Sample 6683, collected from a silicified zone approximately 10m above the adit, was very low in metal values.

Several other old showings, including the Gail, Edna and Rena showings occuring in the middle of the talus slope, are described in reports by Way (1983) and others.

Few rocks were found in the Maurier Creek valley due to deep snow. Those found were alkali feldspar porphyry granites of the Nelson Batholith. A mineralized zone developed by an adit and several trenches occurs on the east side of Maurier Creek on an adjoining mining property. The Maurier Grid was established to try and find an extension of this zone on the west side of Maurier Creek. An abandoned camp found at L2-4+65, attests to previous mining or mineral exploration in the area. This area will require prospecting in future exploration programs.

3.3 Soil Geochemistry

A soil sampling program on a grid basis was performed over the Hasty Creek and the Maurier Creek areas. Samples were collected from the "B" soil horizon. Many stations were not sampled due to talus slopes, outcrop, frozen ground or alluvial deposits. The soil and rock samples were sent to Acme Analytical Labs Ltd. in Vancouver and analyzed for gold using atomic absorption (AA) and copper, lead, zinc, silver, antimony and/or arsenic using inductively coupled argon plasma (ICP). The analytical methods are outlined in Appendix I.

Due to the drainage patterns in the Hasty Creek area two grids orientated perpendicular to each other were established. The grids were orientated at 020 and 110 degrees. They are referred to as the East Grid and the West Grid.

The soil sample analyses for the Hasty grids were used to determine anomalous values, as follows:

Copper (Cu)greater than 40 ppm
Lead (Pb) greater than 100 ppm
Zinc (Zn) greater than 300 ppm
Antimony (Sb) greater than 4 ppm
Silver (Ag) greater than 1.8 ppm
Gold (Au) greater than 25 ppb

Several multi-element trends are apparent from the data (Figure 6). These include several anomalies over or near known showings. The Clare-Margaret- Sarah Rust trend is on the edge of a talus slope, therefore a full set of soil samples was not collected along this trend. The trend includes several samples on lines 4 + 00S and 4 + 50S that include anomalous values in copper, lead, zinc, silver and gold. This is a roughly northerly trending series of samples.

Approximately 50 meters west of the Margaret showing a northerly trending zone of samples with anomalous values in all elements occurs. This includes the sample collected with the highest values in lead, zinc and silver (5112, 2092, 80.1 ppm) respectively at L4 + 50S and 3 + 80W.

Near the Lainey showing on line 5 + 50S (5 + 50W to 5 + 30W) the soil samples are anomalous in three or more elements trending northerly to sample L5 + 00S, 5 + 70W. No other samples were collected along this trend due to talus slopes and rock outcrop.

The three samples on line 6 + 00S are anomalous in lead, zinc, silver and gold. This is 50m south west and downslope of the Betsy showing and may be related to this showing or another covered zone.

A roughly northerly trending zone of anomalous Pb, Zn and Ag values extend from line 3+50S to line 5+00S generally on the west side of the baseline 5+00W. This area includes some encouraging high silver values (9.8, 10.5, 14.6, 17.6 and 23.6 ppm) in soil and thus warrants further work.

Sample L1+00E, 3+50N on the edge of the talus immediately below the Jill showing is anomalous in copper, lead, silver, and gold. The line upslope (L1+50E) includes several samples anomalous in silver, possibly indicating a trend to the south east.

Several other scattered samples are anomalous in one or two elements, but further work is necessary in order to properly determine the source(s).

The Maurier grid was established on the west side of Maurier Creek, northwest of the bridge. The grid consists of ten N-S lines spaced 50m apart. Reconnaissance sampling, using a shovel, was at 20 or 30m intervals on lines 1 to 4 and 6, 8 and 10. In addition, four samples (RCS-1 to 4) were collected from an area of rusty orange soil on the road leading to the ridge top.

The anomalous soil geochemistry values on the Maurier Grid are determined to be:

Lead (Pb) greater than 60ppm
Zinc (Zn) greater than 170ppm
Silver (Ag) greater than 1.5ppm

None of the gold, arsenic or copper samples are considered anomalous (Figure 11).

The most interesting sample is L1-4+80 (194ppm Zn, 2.8ppm Ag). This sample is located downslope from the abandoned camp. Also sample L2-5+00 has 179ppm Zn and is 35m north of the camp. This area is of interest and a small detailed grid should accompany prospecting of this area.

Station L10-0 + 00 is anomalous in lead (123ppm) and zinc (331ppm). The stations near the south end of other lines also contain anomalous zinc values (L8-0 + 20, 190ppm Zn; L6-0 + 00, 182ppm Zn), and may represent a trend. The other anomalous sample at L4-2 + 20 (95ppm Pb), is of indeterminate significance.

Four soil samples were collected from a roadcut with highly altered, iron stained soil in the bank. Two of these samples returned anomalous values (RCS-3, 406ppm Zn and RCS-4, 63ppm Pb, 273ppm Zn).

4. GEOPHYSICS

4.1 VLF-EM

A VLF-EM survey was done over the east Hasty grid. This work was completed using a Sabre Electronics Model 27 VLF-Electromagnetometer. It was tuned to station NLK, Seattle, Washington (24.8 kHz).

The response was poorly defined and weakly outlines a broad zone overlying the Kirsten and Jill showings and extending upslope when outlined by Fraser filtering. The variation in both field strength and dip angle is small (Figure 7 and 8).

From this survey VLF-EM does not appear to be an effective tool in looking for the mineralized zones. The zones found on the Midas Touch property are often heavily silicified and do not appear in outcrop to be of sufficient size to form a highly conductive zone. Also the survey area is in a north facing cirque, which means the transmitting stations, in a southerly direction, on the other side of a mountain do not provide a well received signal.

4.2 Magnetics

A reconnaissance total field magnetic survey was completed on the Maurier grid. This survey was done using a Scintrex MP-2 proton precession magnetometer (Serial No. 804343). The data was plotted and contoured after correcting for diurnal variation (Figure 9). All values were plotted on the map with 57,000 gammas used as a base value. The station spacing was 30m on Line 1 and 20m on Lines 2 through 10.

An anomalous magnetic high (up to 58,105 gammas) was partially oulined on the north end of Line 2 in the area of the old camp. The size, shape and direction of this anomaly can not be determined, since it is near the corner of the grid and extends off the grid.

Measured values ranged between 57,384 and 58,105 gammas. The lowest values recorded occur at the southern ends of Lines 5 and 6. An extension of the grid is necessary to clearly define contacts and trends.

4.3 Shootback EM

A Crone shootback EM survey was carried out on the Maurier grid (Figure 10). The survey was performed using two Crone CEM tranceivers (Serial No. 317 and 318). The tranceivers are self contained and a signal is transmitted in sequence from each of them. The resulting dip angle reading corrects somewhat for the effects of topography.

Line 1 was surveyed using a 30m spacing between transmitter and receiver with readings every 30m. The spacing on Line 2 was 20m recorded every 20m. Lines 3 to 10 had readings recorded every 10m with a 30m instrument spacing. These lines were surveyed using the medium frequency (1830 Hz). The results were very "noisy" and no consistent multi-line anomalies were recognized.

Sections of Lines 2, 3 and 10 were also surveyed using the low frequency (390 Hz) to better define possible anomalous readings. However, no correlation was evident.

The Shootback-EM method has not proven to be an effective method of clearly defining structure or mineralized zones in this area.

5. CONCLUSIONS AND RECOMMENDATIONS

The Midas Touch claims cover a geologic environment conducive to hosting base and precious metal mineralization. The work completed to date has outlined a number of silicified zones containing disseminated (and in some places massive) sulphides and elevated geochemical values in gold and silver. Apart from the Hasty Creek grid and Maurier Creek grid areas the remainder of the property has been relatively unexplored.

The electromagnetic surveys employed have not proven effective methods of exploration, most likely because the mineralization is volumetrically mainly disseminated and occurs in silicified (ie. non- conductive) zones. An Induced Polarization and Resistivity orientation survey should be performed in order to establish if it would be useful for defining additional mineralized zones.

In order to properly evaluate the economic potental of the Midas Touch claims, a series of diamond drill holes are recommended in order to test for depth and lateral continuation of exposed metallic mineralization. Further surface exploration is also recommended in order to define additional targets over areas on the property which are relatively unexplored, especially near the contact with the Slocan group meta-sediments.

6. ESTIMATED COST OF PROPOSED EXPLORATION PROGRAM

Phase 1

Diamond Drill Tests, say approx. 350m @ $100/m	$35,000.00
Induced Polarization and Resistivity orientation survey, allow	3,000.00
Magnetometer survey, allow	3,000.00
Geological mapping and support, allow	5,000.00
Soil geochemical survey (collection and analysis), 300 samples @ $15/sample	4,500.00
Engineering, supervision and report, allow	4,000.00
	54,500.00
Contingencies @ approx. 10%	5,500.00
Total Phase 1	$60,000.00

Phase 2

Contingent upon obtaining encouraging results from Phase 1, additional surface exploration and/or diamond drilling should be performed at an estimated cost of $100,000.

Respectfully submitted,
Strato Geological Engineering Ltd.

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. DISPIRITO

Sean P. Butler, B.Sc.
February 22, 1988

Frank DiSpirito, B.A.Sc., P. Eng.

STRATO GEOLOGICAL ENGINEERING LTD.

7. REFERENCES

Bancroft, M.F., 1918;
Investigations in the Slocan District, B.C., Geological Survey of Canada, Summary Report, 1917.

Cairnes, C.E., 1934;
Slocan Mining Camp, B.C., Geological Survey of Canada, Memoir 173.

Cairnes, C.E., 1935;
Descriptions of Properties, Slocan Mining Camp, B.C., Geological Survey of Canada, Memoir 184.

Ferreira, W.S., and Bent, D., 1985;
Geochemical and Geological Survey on the Rex Fraction, Slocan Mining Division, B.C., Assessment Report #14138.

Goldsmith, L.B., 1985;
Reconnaissance Investigation, Midas Touch Mineral Claim Group, Slocan Mining Division.

Keyser, H., 1985;
Reconnaissance Report on the Midas Touch Property, Slocan Mining Division.

Le Roy, O.E., 1911;
Slocan District, B.C., Geological Survey of Canada, Summary Report, 1910.

Little, H.W., 1960;
Nelson Map Area, West Half, B.C., (82F W1/2), Geological Survey of Canada, Memoir 308.

Makepeace, D., 1983;
Tarno - Midas Touch Property, Interoffice Memorandum, Dickenson Mines Ltd.

Way, B., 1983;
Gold-Silver investigation of the Tarno Mineral Claim.

Wong, R.H., Spence, C.D., Mustard, D.K., and Werner, L.J., 1986;
Geology and Exploration of the Willa Prospect, A Breccia - Hosted Au, Cu, Ag Deposit in Southeastern B.C., an abstract from Programs and Abstracts for GeoExpo/86, May 12-14, 1986.

8. CERTIFICATES

I, SEAN P. BUTLER, of 4525 W. 2nd Avenue, of the City of Vancouver, Province of British Columbia, hereby certify that:

1. I graduated in 1982 from the University of British Columbia with a Bachelor of Science in Geology.

2. I am employed as a Geologist by Strato Geological Engineering Ltd., with offices at 3566 King George Highway, Surrey, B.C., V4A 5B6.

3. I have practised my profession as a Geologist, since 1983 and had been employed in mineral exploration in the summers prior to that.

4. I am an associate member of the Geological Association of Canada.

5. I have not received, nor do I expect to receive, any direct, indirect or contingent interest in the properties or securities of Midas Creek Explorations Ltd.

6. This report is based on field examinations and work I performed and/or supervised on the property during September, October and December, 1987.

DATED at Surrey, Province of British Columbia, this 22nd day of February, 1988.

Sean P. Butler

Sean P. Butler, B.Sc.

I, FRANK DISPIRITO, of 1319 Shorepine Walk of the City of Vancouver, Province of British Columbia, do hereby certify as follows:

1. I graduated in 1974 from the University of British Columbia, with a Bachelor of Applied Science in Geological Engineering. Since graduation I have been involved in numerous mineral and hydrocarbon exploration programs throughout Canada and the United States.

2. I am a registered member, in good standing, of the Association of Professional Engineers of British Columbia.

3. This report is based on a personal field examination made of the mineral property during October 24 - 25, 1987, on field work carried out by Strato Geological Engineering personnel, and on evaluation of privately and publically held data pertaining to the said property.

4. I have not received, no do I expect to receive, any interest, direct, indirect, or contingent, in the securities or properties of Midas Creek Explorations Ltd., and I am not an insider of any company having an interest in the Midas Touch properties or any other properties in the area.

5. Permission is herewith granted to use this report for the purpose of a Prospectus or Statement of Material Facts.

Dated at Vancouver, Province of British Columbia, this 22nd day of February, 1988.

F. DiSpirito, B.A.Sc., P. Eng.

PROFESSIONAL ENGINEER
PROVINCE OF F. DISPIRITO BRITISH COLUMBIA

APPENDIX 1

Sample Analysis Methods

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R6
Telephone: 253-3158

GEOCHEMICAL LABORATORY METHODOLOGY

Sample Preparation

1. Soil samples are dried at 60^{o}C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis (AA and ICP)

0.5 gram samples are digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Extracted metals are determined by :

A. Atomic Absorption (AA)

Ag*, Bi*, Cd*, Co, Cu, Fe, Ga, In, Mn, Mo, Ni, Pb, Sb*, Tl, V, Zn
(* denotes with background correction.)

B. Inductively Coupled Argon Plasma (ICP)

Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cu, Cr, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Geochemical Analysis for Au*

10.0 gram samples that have been ignited overnite at 600^{o}C are digested with 30 mls hot dilute aqua regia, and 75 mls of clear solution obtained is extracted with 5 mls Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 1 ppb).

Geochemical Analysis for Au**, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire Assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt, and Rh are determined in the solution by graphite furnace Atomic Absorption. Detections - Au=1 ppb; Pd, Pt, Rh=5 ppb

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml. As is determined in the solution by Graphite Furnace Atomic Absorption (AA) or by Inductively Coupled Argon Plasma (ICP).

Geochemical Analysis for Barium

0.25 gram samples are digested with hot NaOH and EDTA solution, and diluted to 20 ml.

Ba is determined in the solution by ICP.

Geochemical Analysis for Tungsten

0.25 gram samples are digested with hot NaOH and EDTA solution, and diluted to 20 ml. W in the solution determined by ICP with a detection of 1 ppm.

Geochemical Analysis for Selenium

0.5 gram samples are digested with hot dilute aqua regia and dilute to 10 ml with H_2O. Se is determined with $NaBH_3$ with Flameless AA. Detection 0.1 ppm.

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St. Vancouver, B.C. V6A 1R6
Telephone 253-3158

Geochemical Analysis for Uranium

0.5 gram samples are digested with hot aqua regia and diluted to 10 ml.

Aliquots of the acid extract are solvent extracted using a salting agent and aliquots of the solvent extract are fused with NaF, K_2CO_3 and Na_2CO_3 flux in a platinum dish.

The fluorescence of the pellet is determined on the Jarrel Ash Fluorometer.

Geochemical Analysis for Fluorine

0.25 gram samples are fused with sodium hydroxide and leached with 10 ml water. The solution is neutralized, buffered, adjusted to pH 7.8 and diluted to 100 ml.

Fluorine is determined by Specific Ion Electrode using an Orion Model 404 meter.

Geochemical Analysis for Tin

1.0 gram samples are fused with ammonium iodide in a test tube. The sublimed iodine is leached with dilute hydrochloric acid.

The solution is extracted with MIBK and tin is determined in the extract by Atomic Absorption.

Geochemical Analysis for Chromium

0.1 gram samples are fused with Na_2O_2. The melt is leached with HCl and analysed by AA or ICP. Detection 1 ppm.

Geochemical Analysis for Hg

0.5 gram samples is digested with aqua regia and diluted with 20% HCl.

Hg in the solution is determined by cold vapour AA using a F & J scientific Hg assembly. An aliquot of the extract is added to a stannous chloride / hydrochloric acid solution. The reduced Hg is swept out of the solution and passed into the Hg cell where it is measured by AA.

Geochemical Analysis for Ga & Ge

0.5 gram samples are digested with hot aqua regia with HF in pressure bombs.

Ga and Ge in the solution are determined by graphite furnace AA. Detection 1 ppm.

Geochemical Analysis for Tl (Thallium)

0.5 gram samples are digested with 1:1 HNO_3. Tl is determined by graphite AA. Detection .1 ppm.

Geochemical Analysis for Te (Tellurium)

0.5 gram samples are digested with hot aqua regia. The Te extracted in MIBK is analysed by AA graphite furnace. Detection .1 ppm.

Geochemical Whole Rock

0.1 gram is fused with .6 gm $LiBO_2$ and dissolved in 50 mls 5% HNO_3. Analysis is by ICP or M.S. ICP gives excellent precision for major components. The M.S. can analyze for up to 50 elements.

APPENDIX 2

Geochemical Analysis and Assay Certificates

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

DATE RECEIVED: OCT 28 1987

DATE REPORT MAILED: Nov. 5/87

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEC. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-7 SOIL P8-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

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

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SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L0+00E 5+00N	11	12	77	.1	2	1
L0+00E 4+90N	17	14	110	.1	2	1
L0+00E 4+80N	16	21	195	.1	2	8
L0+00E 4+70N	17	19	174	.1	2	1
L0+00E 4+60N	18	33	450	.1	2	5
L0+00E 4+50N	11	40	282	.1	2	1
L0+50E 5+00N	17	15	80	.3	2	3
L0+50E 4+90N	18	10	85	.2	2	1
L0+50E 4+80N	16	16	79	.4	2	1
L0+50E 4+70N	16	15	123	.2	2	4
L0+50E 4+60N	22	75	240	.6	2	1
L1+00E 5+00N	12	14	81	.1	2	1
L1+00E 4+90N	14	20	187	.2	2	1
L1+00E 4+80N	14	19	143	.2	2	1
L1+00E 4+70N	16	61	261	.5	2	1
L1+00E 4+60N	10	130	330	1.0	2	4
L1+00E 4+40N	16	30	168	.9	2	3
L1+00E 4+30N	18	50	627	.1	3	1
L1+00E 4+20N	15	17	147	.2	2	1
L1+00E 4+10N	12	18	51	.2	2	1
L1+00E 3+80N	9	27	44	.4	2	1
L1+00E 3+70N	15	23	40	.9	2	1
L1+00E 3+60N	20	46	282	1.3	2	5
L1+00E 3+50N	41	635	285	4.7	3	41
L1+50E 5+00N	15	88	157	.6	2	1
L1+50E 4+90N	13	39	312	.1	2	1
L1+50E 4+80N	8	71	320	.5	2	1
L1+50E 4+70N	10	152	381	.8	2	1
L1+50E 4+60N	7	91	302	.2	2	1
L1+50E 4+50N	11	17	127	.2	2	1
L1+50E 4+40N	12	22	70	.2	2	3
L1+50E 4+30N	15	15	74	.1	2	1
L1+50E 4+20N	14	18	52	.2	2	1
L1+50E 4+10N	12	4	66	.2	2	1
L1+50E 4+00N	13	12	114	.4	2	1
L1+50E 3+90N	18	15	106	.4	2	1
STD C/AU-S	58	38	132	7.2	18	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L1+50E 3+80N	19	30	79	1.3	2	13
L1+50E 3+70N	27	46	121	2.1	2	34
L1+50E 3+60N	16	23	76	.6	2	1
L1+50E 3+50N	25	19	127	.8	2	14
L1+50E 3+40N	9	19	33	.1	2	1
L1+50E 3+30N	16	26	112	.7	2	1
L1+50E 3+20N	17	38	128	2.0	2	1
L1+50E 3+10N	16	39	185	1.0	2	1
L1+50E 3+00N	21	42	94	3.7	3	1
L2+00E 4+90N	9	41	395	.4	2	1
L2+00E 4+70N	12	19	112	.3	2	1
L2+00E 4+60N	9	25	199	.1	2	1
L2+00E 4+50N	10	25	201	.2	2	2
L2+00E 4+40N	11	17	153	.1	3	1
L2+00E 4+30N	7	9	45	.1	2	1
L2+00E 4+20N	9	10	74	.1	2	2
L2+00E 4+10N	10	18	116	.1	2	1
L2+00E 4+00N	12	18	172	.3	2	1
L2+00E 3+90N	13	12	133	.1	2	1
L2+00E 3+80N	15	9	110	.2	2	3
L2+00E 3+70N	14	13	122	.4	2	1
L2+00E 3+30N	11	11	89	.1	2	1
L2+00E 3+20N	9	20	29	.1	2	1
L2+00E 3+10N	13	14	98	.1	2	1
L2+50E 5+00N	9	14	127	.2	2	1
L2+50E 4+60N	7	32	215	.3	2	1
L2+50E 4+50N	8	11	165	.1	2	2
L2+50E 4+40N	9	18	114	.1	2	1
L2+50E 4+10N	9	13	81	.6	3	1
L2+50E 4+00N	9	18	108	.2	2	1
L2+50E 3+90N	13	12	161	.4	2	2
L2+50E 3+80N	13	14	118	.3	4	1
L2+50E 3+70N	15	7	97	.2	2	1
L2+50E 3+60N	16	11	145	.2	2	1
L2+50E 3+20N	10	11	103	.4	2	1
L2+50E 3+10N	13	15	77	.3	2	1
STD C/AU-5	59	41	132	7.4	17	53

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L2+50E 3+00N	11	12	102	.4	2	1
L3+00E 6+00N	9	11	59	.2	2	5
L3+00E 5+90N	9	5	90	.1	2	1
L3+00E 5+80N	9	12	112	.2	2	1
L3+00E 5+70N	8	14	67	.3	2	1
L3+00E 5+60N	10	17	131	.2	2	1
L3+00E 5+50N	10	21	95	.4	2	2
L3+00E 5+40N	9	22	129	.2	2	1
L3+00E 5+30N	9	34	178	.2	2	1
L3+00E 5+20N	9	118	277	.4	2	1
L3+00E 4+60N	9	29	104	.1	2	1
L3+00E 4+50N	10	17	133	.3	2	1
L3+00E 4+40N	9	21	125	.1	2	1
L3+00E 4+30N	12	14	134	.4	2	58
L3+00E 4+20N	9	21	134	.2	2	1
L3+00E 4+10N	10	12	57	.3	2	1
L3+00E 4+00N	11	19	135	.1	2	1
L3+00E 3+90N	8	11	42	.3	3	4
L3+00E 3+80N	12	9	97	.2	2	1
L3+00E 3+70N	12	10	50	.2	2	4
L3+00E 3+60N	11	9	127	.3	2	3
L3+00E 3+50N	13	12	131	.2	2	1
L3+00E 3+40N	12	10	102	.3	2	1
L3+00E 3+30N	14	13	111	.3	2	1
L3+00E 3+20N	15	13	129	.6	3	1
L3+00E 3+10N	16	15	92	.3	2	5
L3+00E 3+00N	23	13	127	.3	2	1
L3+00E 2+90N	16	21	180	.2	2	3
L3+00E 2+80N	12	42	186	.1	2	1
L3+00E 2+70N	16	27	160	.3	2	3
L3+00E 2+60N	19	19	125	.2	2	1
L3+00E 2+50N	9	13	30	.2	2	1
L3+50E 6+50N	15	11	54	.4	2	1
L3+50E 6+40N	10	16	56	.3	2	3
L3+50E 6+30N	11	12	51	.2	2	3
L3+50E 6+20N	13	10	36	.2	2	1
STD C/AU-S	59	38	132	7.2	16	50

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L3+50E 6+10N	13	18	44	.1	2	1
L3+50E 6+00N	13	10	58	.2	2	1
L3+50E 5+90N	16	14	86	.3	6	1
L3+50E 5+80N	16	21	56	.3	3	2
L3+50E 5+70N	16	13	64	.2	3	1
L3+50E 5+60N	13	12	60	.3	4	1
L3+50E 5+50N	10	18	44	.1	2	1
L3+50E 5+40N	11	22	55	.1	2	2
L3+50E 5+30N	11	80	144	.5	2	1
L3+50E 5+20N	14	25	91	.3	2	1
L3+50E 5+10N	12	18	107	.3	3	1
L3+50E 5+00N	14	20	159	.2	3	1
L3+50E 4+90N	11	21	91	.3	3	1
L3+50E 4+80N	13	21	101	.2	2	1
L3+50E 4+70N	13	15	100	.3	2	6
L3+50E 4+60N	12	14	45	.1	2	5
L3+50E 4+50N	11	22	76	.1	3	1
L3+50E 4+40N	10	17	77	.1	3	1
L3+50E 4+30N	11	24	74	.3	2	5
L3+50E 4+20N	14	21	106	.3	2	1
L3+50E 4+00N	11	24	103	.2	2	1
L3+50E 3+90N	14	27	154	.1	2	3
L3+50E 3+80N	14	27	168	.1	4	1
L3+50E 3+70N	12	25	141	.1	2	1
L3+50E 3+60N	11	16	88	.3	2	1
L3+50E 3+50N	10	13	85	.2	2	1
L3+50E 3+40N	15	15	145	.4	2	2
L3+50E 3+30N	12	13	189	.1	2	1
L3+50E 3+20N	14	14	157	.1	2	1
L3+50E 3+10N	15	20	155	.1	2	1
L3+50E 3+00N	12	11	99	.3	2	1
L2+50S 5+20W	21	52	136	.6	2	2
L2+50S 5+10W	15	30	100	.3	2	1
L2+50S 5+00W	17	35	85	.3	2	1
L2+50S 4+90W	18	26	106	.8	2	1
L2+50S 4+80W	25	38	253	.5	2	3
STD C/AU-S	59	39	132	7.4	17	47

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L2+50S 4+70W	26	85	138	.6	2	14
L3+00S 5+20W	22	40	88	1.2	2	1
L3+00S 5+10W	33	34	74	.8	3	1
L3+00S 5+00W	15	58	61	.8	2	3
L3+00S 4+90W	30	58	163	1.0	2	9
L3+00S 4+80W	43	60	200	.7	2	4
L3+00S 4+70W	39	44	178	1.0	2	1
L3+00S 4+60W	29	30	160	.6	2	1
L3+00S 4+50W	13	34	73	.4	2	1
L3+00S 4+40W	27	73	270	.9	2	4
L3+00S 4+30W	17	39	283	1.3	2	1
L3+00S 4+20W	16	70	198	.9	2	1
L3+00S 4+10W	22	181	553	1.1	3	1
L3+50S 5+50W	19	71	57	1.5	6	15
L3+50S 5+40W	21	200	123	9.8	10	73
L3+50S 5+30W	35	482	148	10.5	15	34
L3+50S 5+20W	70	347	664	17.6	9	40
L3+50S 5+10W	27	83	373	2.6	2	4
L3+50S 5+00W	58	111	475	1.0	2	1
L3+50S 4+90W	98	73	828	3.8	17	4
L3+50S 4+80W	30	81	597	1.5	2	1
L3+50S 4+70W	24	45	229	1.3	2	3
L3+50S 4+60W	25	79	499	1.2	2	4
L3+50S 4+50W	17	70	327	1.3	2	1
L3+50S 4+30W	21	71	368	1.6	2	1
L3+50S 4+20W	23	78	350	.7	2	21
L3+50S 3+90W	12	21	59	1.2	2	1
L3+50S 3+80W	14	40	92	.5	2	1
L3+50S 3+50W	12	23	109	.4	2	1
L3+50S 3+40W	18	71	86	.9	2	1
L3+50S 3+30W	23	48	127	.4	2	1
L3+50S 3+20W	9	60	180	.4	2	1
L4+00S 5+50W	18	60	123	.9	2	78
L4+00S 5+40W	87	330	87	23.6	3	240
L4+00S 5+30W	56	269	165	14.6	2	265
L4+00S 5+20W	25	121	192	4.2	2	140
STD C/AU-S	60	40	132	7.4	16	49

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L4+00S 5+10W	21	161	123	4.1	2	130
L4+00S 4+90W	19	49	85	1.3	2	1
L4+00S 4+80W	22	68	208	1.3	4	1
L4+00S 4+70W	26	111	562	1.2	5	1
L4+00S 4+60W	26	128	441	1.7	2	8
L4+00S 4+50W	31	176	654	1.8	3	3
L4+00S 4+40W	25	192	259	2.8	3	26
L4+00S 4+30W	26	45	220	1.2	3	3
L4+00S 4+20W	14	64	83	.8	2	9
L4+00S 4+10W	25	64	231	1.5	3	7
L4+00S 4+00W	17	34	92	1.5	4	1
L4+00S 3+80W	16	45	94	1.9	2	1
L4+00S 3+70W	10	35	39	.6	2	1
L4+00S 3+60W	14	34	72	.8	2	1
L4+00S 3+50W	12	34	63	.9	2	4
L4+00S 3+40W	14	42	64	2.9	2	1
L4+00S 3+30W	40	1841	975	1.6	4	9
L4+00S 3+20W	21	105	260	1.0	2	5
L4+00S 2+70W	15	13	73	.7	2	1
L4+00S 2+60W	34	11	125	.4	2	6
L4+00S 2+50W	14	18	185	.3	2	1
L4+00S 2+40W	15	31	259	.2	4	1
L4+00S 2+10W	16	18	106	.2	2	1
L4+50S 5+40W	14	20	43	.7	3	8
L4+50S 5+30W	41	141	178	3.6	2	41
L4+50S 5+20W	27	64	221	.9	2	7
L4+50S 5+00W	25	80	342	1.3	2	19
L4+50S 4+90W	28	138	462	.8	4	3
L4+50S 4+80W	24	92	226	.6	3	4
L4+50S 4+50W	20	84	217	.8	2	2
L4+50S 4+40W	14	54	225	1.3	2	1
L4+50S 4+20W	21	352	422	.9	2	5
L4+50S 4+10W	11	46	59	.5	2	3
L4+50S 4+00W	41	598	1311	1.5	2	1
L4+50S 3+80W	131	5112	2092	80.1	15	40
L4+50S 3+70W	26	441	[illegible]	[illegible]	4	1
STD C/AU-S	59	37	132	7.5	15	52

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
L4+50S 3+60W	35	298	371	3.2	2	1
L4+50S 3+40W	49	216	137	3.4	4	98
L4+50S 3+30W	22	125	99	1.6	3	11
L5+00S 5+90W	69	407	469	2.3	2	5
L5+00S 5+90WA	14	67	78	1.0	2	18
L5+00S 5+70W	27	180	259	2.3	2	127
L5+00S 5+40W	17	75	284	.8	2	3
L5+00S 5+20W	26	94	186	1.0	2	1
L5+00S 5+10W	41	263	274	4.6	2	25
L5+50S 5+80W	13	44	51	.9	2	1
L5+50S 5+80WA	28	168	249	1.8	2	3
L5+50S 5+70W	17	41	71	1.0	2	1
L5+50S 5+50W	38	146	227	2.7	2	29
L5+50S 5+40W	31	224	239	6.1	2	45
L5+50S 5+30W	44	161	412	6.6	2	157
L6+00S 6+60W	37	191	441	3.5	2	57
L6+00S 6+50W	23	162	444	3.0	2	62
L6+00S 6+40W	33	217	538	4.6	3	63
STD C/AU-S	60	39	130	7.4	15	50

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SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
E 60801	10	18	80	.7	2	16
E 60802	12	50	99	2.9	2	98
E 60803	10	39	60	3.5	2	62
E 60804	16	61	125	2.6	2	85
E 60805	25	109	211	4.0	2	73
E 60806	17	163	71	5.3	2	63
E 60807	267	337	615	31.1	2	1445
E 60808	373	86	3752	23.1	2	310
E 60809	51	177	112	2.6	2	62
E 60810	54	193	110	2.8	2	25
E 60811	59	214	82	2.5	2	71
E 60812	27	108	79	2.9	2	37
E 60813	135	155	61	10.3	5	415
E 60814	48	91	57	3.9	4	159
E 60815	40	106	53	8.8	4	410
E 60816	31	214	45	4.7	5	42
E 60817	10	25	16	1.2	2	8
E 60818	11	12	12	2.4	2	16
E 60819	51	19	439	3.0	2	12
E 60820	27	10	89	.4	2	1
E 60821	27	13	152	.9	2	4
E 60822	38	18	132	1.6	2	550
E 60823	268	3333	1087	63.0	20	285
E 60824	44	65	603	5.4	2	32
E 60825	28	126	118	3.7	3	119
E 60826	13	114	20	4.6	2	75
STD C/AU-R	60	39	136	7.3	18	500

ACME ANALYTICAL LABORATORIES DATE RECEIVED: SEPT 24 1987
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Oct. 3/87...

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips AU** AND AG** BY FIRE ASSAY.

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

STRATO GEOLOGICAL ENG. PROJECT-MIDAS File # 87-4370

SAMPLE#	CU %	PB %	ZN %	AG** OZ/T	NI %	W %	AU** OZ/T
Z 6670	.01	6.56	1.25	2.29	.01	.01	.001
Z 6671	.01	.21	.15	.02	.01	.01	.001
Z 6672	.01	.13	.15	.29	.01	.01	.002
Z 6673	.01	.03	.05	.22	.01	.01	.002
Z 6674	.01	.12	.03	.81	.01	.01	.001
Z 6675	.01	.01	.01	.04	.01	.01	.001
Z 6676	.01	41.10	8.47	43.95	.01	.01	.003
Z 6677	.04	7.37	15.41	5.96	.01	.01	.005
Z 6678	.03	26.30	8.50	81.01	.01	.01	.071
Z 6679	.06	6.77	6.06	30.90	.01	.01	.047
Z 6680	.04	1.42	6.90	3.39	.01	.01	.002
Z 6681	.03	13.59	10.18	19.71	.01	.01	.019
Z 6682	.03	.40	.37	12.57	.01	.01	.117
Z 6683	.01	.36	.21	.85	.01	.01	.003

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

DATE RECEIVED: DEC 21 1987
DATE REPORT MAILED: Jan. 5/88..

GEOCHEMICAL ANALYSIS CERTIFICATE

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

ASSAYER: ..[signature].. for DEAN TOYE, CERTIFIED B.C. ASSAYER

STRATO GEOLOGICAL File # 87-6278 Page 1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L1 0+00	6	22	45	.2	3	2
L1 0+30	10	37	152	.4	5	1
L1 0+60	13	10	64	.2	2	1
L1 0+90	12	10	113	.1	2	1
L1 1+20	10	10	104	.1	2	2
L1 1+50	5	7	86	.1	2	1
L1 1+80	14	7	76	.1	2	1
L1 2+10	14	9	132	.1	2	1
L1 2+40	14	7	87	.1	3	1
L1 2+70	9	15	85	.1	4	1
L1 3+00	9	10	63	.4	2	1
L1 3+30	9	11	82	.1	3	2
L1 3+60	4	8	50	.1	2	1
L1 3+90	3	5	51	.3	2	1
L1 4+20	9	8	78	.1	6	1
L1 4+50	7	7	50	.3	2	2
L1 4+80	14	13	194	2.8	2	1
L1 5+10	19	18	118	.2	3	1
L2 0+00	8	24	65	.2	4	1
L2 0+20	14	11	119	.2	7	1
L2 0+40	11	13	90	.3	4	1
L2 0+60	9	19	115	.2	5	1
L2 0+80	6	40	95	.2	6	1
L2 1+00	7	12	90	.2	3	1
L2 1+20	8	14	68	.2	2	1
L2 1+40	11	13	98	.2	3	1
L2 1+60	12	6	99	.1	2	1
L2 1+80	11	10	85	.3	2	1
L2 2+00	8	6	84	.3	2	1
L2 2+20	5	14	64	.1	2	2
L2 2+40	22	8	63	.1	2	1
L2 2+60	7	18	48	.6	2	1
L2 2+80	10	22	72	.1	4	1
L2 3+00	6	9	68	.1	2	1
L2 3+20	4	16	73	.1	2	1
L2 3+40	1	10	46	.1	2	1
STD C/AU-S	61	41	133	7.5	42	52

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L2 3+60	14	24	94	.1	7	1
L2 3+80	11	20	86	.1	6	1
L2 4+00	11	19	50	.2	4	1
L2 4+20	11	7	61	.1	2	1
L2 4+40	11	14	79	.1	2	1
L2 4+60	14	25	85	.1	2	1
L2 4+80	13	18	75	.3	5	1
L2 5+00	7	20	179	.1	6	1
L3 0+00	11	20	111	.1	6	1
L3 0+20	11	19	68	.1	2	1
L3 0+40	14	19	97	.1	2	2
L3 0+60	9	17	68	.1	5	1
L3 0+80	5	13	38	.1	2	1
L3 1+00	12	30	122	.4	7	1
L3 1+20	8	11	67	.1	3	1
L3 1+40	8	18	155	.1	5	1
L3 1+60	9	22	87	.1	3	1
L3 1+80	11	15	95	.1	2	2
L3 2+00	13	23	96	.2	5	1
L3 2+20	12	21	87	.1	2	1
L3 2+40	11	21	103	.1	2	1
L3 2+60	13	25	111	.1	2	2
L3 2+80	11	16	82	.1	5	1
L3 3+00	8	22	68	.3	4	1
L3 3+40	11	7	62	.2	4	1
L3 3+80	5	16	63	.2	2	1
L3 4+00	4	12	46	.1	2	1
L3 4+20	4	8	41	.1	3	2
L3 4+40	7	23	74	.1	5	3
L3 4+60	6	10	54	.2	2	1
L3 4+80	10	12	78	.1	2	2
L3 5+00	11	10	78	.1	4	1
L4 0+00	1	12	36	.1	2	1
L4 0+20	10	17	98	.1	5	1
L4 0+40	9	30	78	.1	4	1
L4 0+60	9	27	71	.2	8	2
STD C/AU-S	61	41	132	7.2	40	51

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L4 0+80	6	12	59	.1	4	1
L4 1+00	5	31	85	.1	10	1
L4 1+20	16	45	139	.1	4	1
L4 1+40	10	26	107	.1	7	1
L4 1+60	10	12	96	.1	2	1
L4 1+80	9	23	121	.1	2	1
L4 2+00	5	15	94	.1	2	1
L4 2+20	14	95	138	.1	7	2
L4 2+40	13	16	99	.1	3	2
L4 2+60	12	13	74	.1	2	1
L4 2+80	14	16	90	.2	3	1
L4 3+00	10	15	72	.3	2	1
L4 3+20	9	11	59	.1	4	2
L4 3+40	6	13	58	.1	2	1
L4 3+60	2	19	53	.1	2	1
L4 4+00	9	13	85	.1	2	1
L4 4+20	5	4	19	.1	2	1
L4 4+40	11	16	71	.1	2	1
L4 4+60	10	16	59	.2	3	1
L4 4+80	16	9	74	.1	3	1
L4 5+00	11	11	71	.1	5	2
L6 0+00	10	21	182	.1	7	1
L6 0+20	5	16	134	.1	3	2
L6 0+40	9	30	86	.1	2	6
L6 0+60	10	17	106	.2	3	1
L6 0+80	3	12	88	.1	4	2
L6 1+00	10	22	134	.4	6	1
L6 1+20	6	19	160	.1	3	1
L6 1+40	8	18	118	.1	3	1
L6 1+60	9	22	92	.1	5	1
L6 2+20	11	14	115	.2	3	1
L6 2+40	12	19	131	.1	3	1
L6 2+60	13	16	86	.1	6	1
L6 2+80	12	8	72	.1	[illegible]	1
L6 3+00	8	10	56	.2	4	1
L6 3+20	10	15	48	.1	[illegible]	2
STD C/AU-S	62	42	132	[illegible]	41	51

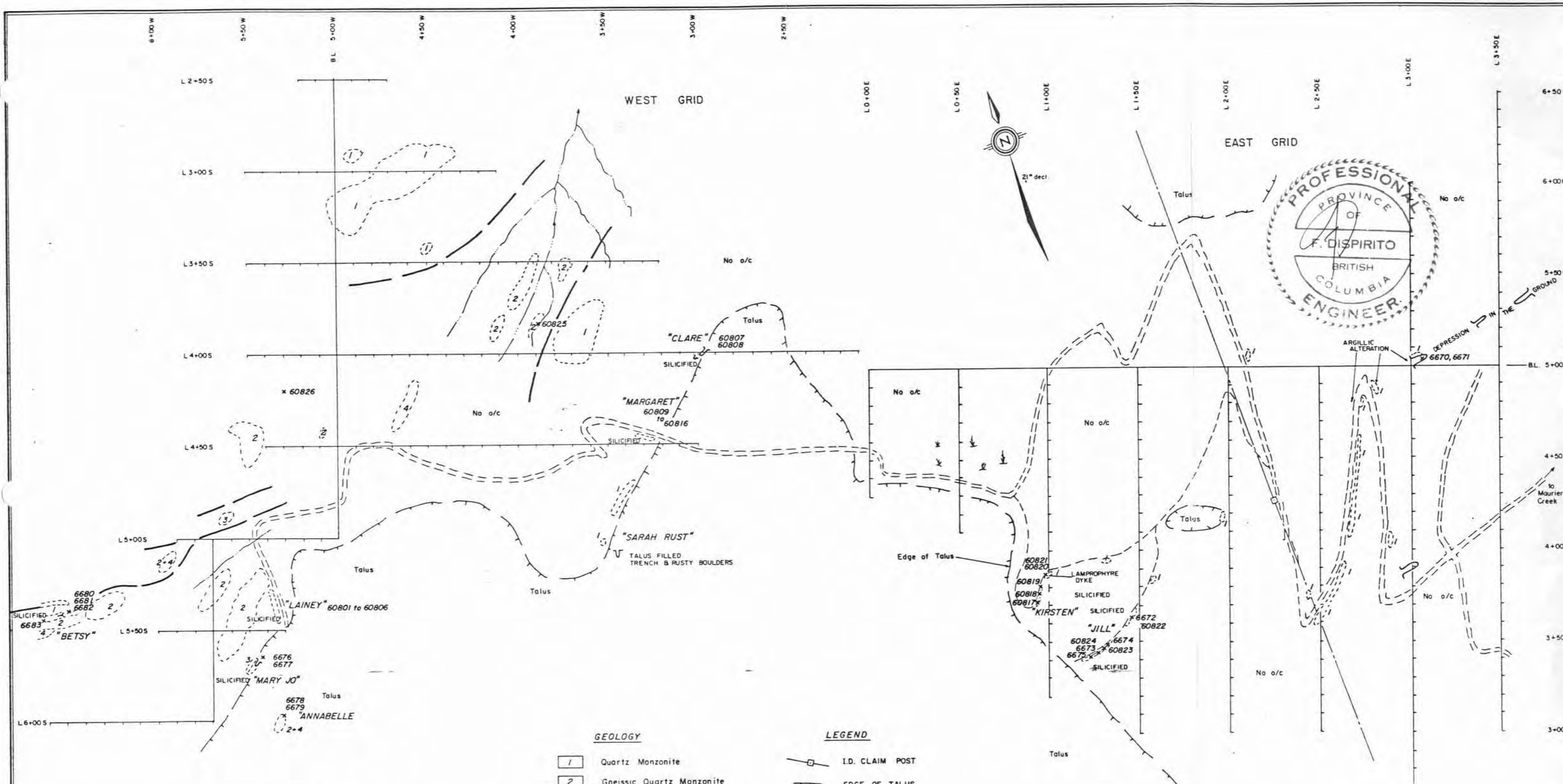
SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L6 3+40	5	5	71	.2	2	1
L6 3+60	1	7	61	.1	2	1
L6 3+80	9	10	51	.1	2	1
L6 4+00	1	10	48	.1	2	1
L6 4+20	7	9	63	.1	2	1
L6 4+40	8	6	60	.1	2	1
L6 4+60	10	13	93	.1	2	1
L6 4+80	10	7	88	.1	2	2
L6 5+00	14	10	68	.1	3	1
L8 0+00	7	7	90	.1	2	1
L8 0+20	9	18	190	.1	2	1
L8 0+40	2	7	102	.1	2	1
L8 0+60	3	8	50	.2	2	1
L8 0+80	5	13	101	.1	2	1
L8 1+00	8	10	112	.1	2	1
L8 1+20	8	11	103	.1	2	1
L8 1+40	6	13	86	.3	2	1
L8 1+60	8	13	94	.1	2	1
L8 1+80	7	4	53	.1	2	2
L8 2+00	13	14	85	.1	2	1
L8 2+20	8	16	101	.1	2	1
L8 2+40	9	8	67	.2	2	1
L8 2+60	11	5	92	.1	3	1
L8 2+80	14	8	57	.1	3	1
L8 3+00	11	8	67	.1	2	1
L8 3+20	15	14	107	.1	2	1
L8 3+40	14	18	83	.3	2	1
L8 3+60	3	6	85	.1	2	1
L8 4+00	10	8	73	.2	2	1
L8 4+20	5	31	31	.1	3	1
L8 4+40	11	11	73	.2	6	1
L8 4+60	15	12	75	.3	2	2
L8 4+80	10	4	55	.1	2	1
L8 5+00	30	11	108	.1	2	1
L10 0+00	12	123	331	.4	7	1
L10 0+20	7	11	84	.1	2	1
STD C/AU-S	62	39	130	8.1	43	48

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L10 0+40	9	9	98	.1	5	1
L10 0+60	9	21	96	.1	2	1
L10 0+80	7	19	93	.2	8	1
L10 1+00	3	7	37	.1	2	1
L10 1+20	13	21	89	.1	9	2
L10 1+40	9	8	70	.1	6	1
L10 1+60	11	12	78	.1	11	1
L10 1+80	9	15	60	.1	2	1
L10 2+00	13	18	84	.1	8	3
L10 2+40	11	57	110	.1	11	1
L10 2+60	7	18	64	.2	4	1
L10 2+80	10	14	72	.1	3	1
L10 3+00	4	9	42	.3	2	1
L10 3+20	7	12	37	.1	4	2
L10 3+40	5	12	63	.3	8	1
L10 3+60	5	24	48	.1	7	1
L10 3+80	5	9	59	.1	9	2
L10 4+00	6	13	51	.4	2	1
L10 4+20	6	19	81	.1	2	1
L10 4+40	19	19	114	.4	3	1
L10 4+60	14	6	51	.2	2	2
L10 4+80	15	8	67	.2	8	1
L10 5+00	20	17	64	.1	9	1
RCS 1	13	20	93	.1	2	1
RCS 2	13	22	149	.3	5	1
RCS 3	3	23	406	.1	2	1
RCS 4	4	63	273	.1	7	1
STD C/AU-S	58	42	132	7.5	43	50

SAMPLE #	DESCRIPTION
60801	Rock chip from half buried outcrop. Silicified, black, fine gr., disseminated pyrite, light grey to black. Lainey Showing.
60802	Rock chip (0.8m). Silicified, quartz eyes, dark, disseminated medium to coarse pyrite. Lainey.
60803	Chip 1.3m same as 60802.
60804	Chip (0.6m) similar to 60802 & 803 but more deeply weathered.
60805	Same as 60801 to 803.
60806	Chip from 0.3m section, silicified, disseminated pyrite. Lainey.
60807	Silicified grey gneiss with pyrite. Clare.
60808	Silicified zone with ribbons of coarse grained PY XTALS. Clare.
60809	0.3m chip in road bed, highly silicified with disseminated pyrite. Margaret Showing.
60810	0.3m chip in bank. Same as 60809.
60811	Rusty, chip sample, silicified with pyrite.
60812	0.5m chip from road bed. Same as 60809.
60813	0.35m chip. Same as 60809.
60814	0.7m chip. Same as 60809 with rusty zone.
60815	0.5m chip. Same as 60809.
60816	0.8m chip. Same as 60809.
60817	Chip grab of silicified QM with pyrite (disseminated, 0.5%). Kirsten.
60818	1.7m long chip, disseminated pyrite (1-2%) in a silicified rusty QM. Kirsten.

60819	1.6m long chip, silicified rusty fine gr., disseminated pyrite in QM. Kirsten.
60820	Grab of lamprophyre dyke on bank of road, disseminated pyrite. Kirsten
60821	1.4m long chip, with silicified disseminated pyrite. Kirsten.
60822	Chip over 2.1m, silicified with disseminated pyrite. Jill.
60823	Altered lens (grab of weathered pyrite 10%). Jill.
60824	2.3m chip, fresher rock resample of 6673. Altered silicified zone. Jill.
60825	Select chips, silicified shear with pyrite. Rusty coating in creek bed. 3+85S, 3+90W.
60826	Pyrite disseminated in a meta-quartzite? 4+20S, 5+30W.
6670	Lens (20 x 70cm) in shear zone, 3-4m wide.
6671	Chip across shear from which 6670 occurs in.
6672	Silicified zone. Chipped along the road about 2m. Jill north.
6673	Grab of silicified altered zone, minor pyrite. Jill Showing.
6674	Talus in Jill trench, grab of altered rusty rock.
6675	Same as 6673.
6676	Select grab from dump of Mary Jo trench.
6677	Select grab from trench wall.
6678	Selected grab from Annabelle showing, structure @ 035 degrees/80 degrees E.
6679	Select chips from 1m of Annabelle showing trench.

6680	From the Betsy dump in front of the adit. Mostly pyrite in highly silicified zone in granite.
6681	GL, PY select grab, Betsy dump.
6682	PY silicified in granite, select grab from the Betsy dump.
6683	Chips from silicified shear above Betsy, 110 degrees/75 degrees S shearing, rusty coating.



GEOLOGY

1	Quartz Monzonite
2	Gneissic Quartz Monzonite
3	Porphyritic Granite
4	Quartz - Biotite Schist and Banded Quartzite

SILICIFIED ZONES GENERALLY CONTAIN DISSEMINATED SULFIDES.

"MARGARET" — NAME OF MINERALIZED SHOWINGS

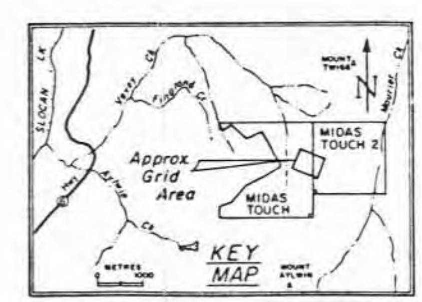
LEGEND

- I.D. CLAIM POST
- EDGE OF TALUS
- ROAD
- TRAIL
- OUTCROP
- SWAMP
- CREEK
- TRENCH
- ADIT
- 60825 × ROCK SAMPLE SITE

STRATO GEOLOGICAL ENG. PROJECT-MIDAS File # 87-4370

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	SB PPM	AU* PPB
E 60801	10	18	80	.7	2	16
E 60802	12	50	99	2.9	2	98
E 60803	10	39	60	3.5	2	62
E 60804	16	61	125	2.8	2	85
E 60805	25	109	211	9.0	2	73
E 60806	17	163	71	5.3	2	62
E 60807	267	337	615	31.1	2	1445
E 60808	373	86	3752	23.1	2	310
E 60809	51	177	112	2.6	2	62
E 60810	34	193	110	2.8	2	35
E 60811	39	214	82	2.5	2	71
E 60812	27	108	79	2.9	2	37
E 60813	135	155	61	10.3	5	415
E 60814	48	91	57	2.9	4	159
E 60815	40	106	53	8.8	4	410
E 60816	21	214	45	6.7	5	42
E 60817	10	75	16	1.2	2	8
E 60818	11	12	12	2.4	2	16
E 60819	51	19	439	3.0	2	12
E 60820	27	10	89	.4	2	1
E 60821	27	13	152	.9	2	4
E 60822	38	18	132	1.6	2	550
E 60823	268	3333	1087	63.0	20	285
E 60824	44	65	603	5.4	2	32
E 60825	38	126	118	2.7	3	119
E 60826	13	114	20	4.6	2	75

SAMPLE#	CU %	PB %	ZN %	AG** OZ/T	NI %	W %	AU** OZ/T
I 6670	.01	6.56	1.28	2.29	.01	.01	.001
I 6671	.01	.21	.15	.02	.01	.01	.001
I 6672	.01	.13	.15	.29	.01	.01	.002
I 6673	.01	.03	.08	.22	.01	.01	.002
I 6674	.01	.12	.03	.81	.01	.01	.001
I 6675	.01	.01	.01	.04	.01	.01	.001
I 6676	.01	41.10	8.47	43.95	.01	.01	.003
I 6677	.04	7.37	15.41	5.96	.01	.01	.005
I 6678	.03	26.30	8.50	81.01	.01	.01	.071
I 6679	.06	6.77	6.06	30.90	.01	.01	.047
I 6680	.04	1.42	6.90	3.39	.01	.01	.002
I 6681	.03	15.39	10.18	19.71	.01	.01	.019
I 6682	.03	.40	.37	12.57	.01	.01	.117
I 6683	.01	.36	.21	.85	.01	.01	.003



SCALE 1:1000

0 20 40 60 80 100 Metres

FIGURE 5

MIDAS CREEK EXPLORATIONS LTD.

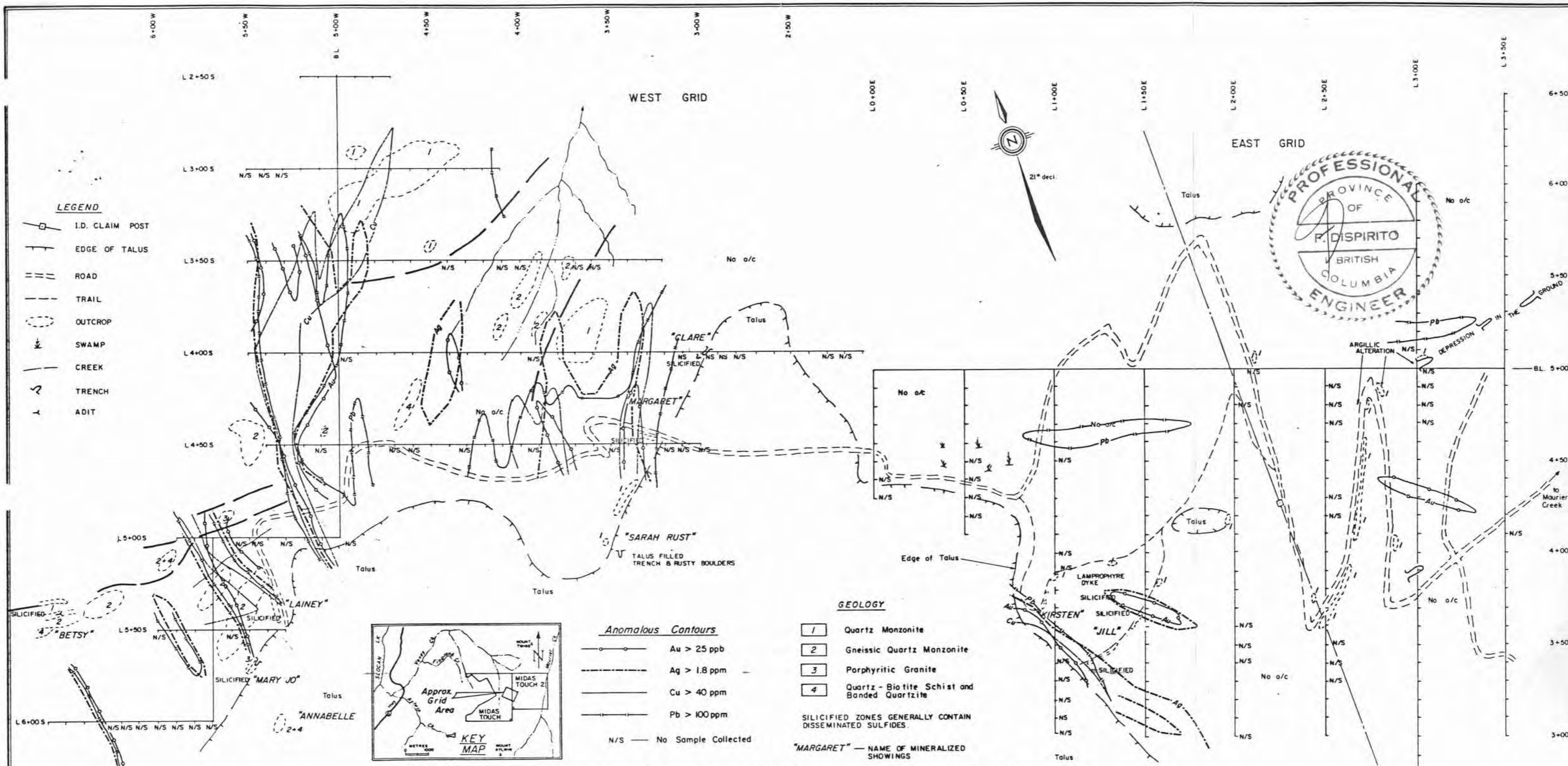
MIDAS TOUCH PROPERTY

SLOCAN M.D. — NTS 82 F/14

SAMPLE LOCATION AND GEOLOGY MAP

To accompany a report by: S.P. Butler, B.Sc. & F. Di Spirito P.Eng.

Drawn by: SB/GT | Date: November, 1987



SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
L0+00E 5+00N	11	12	77	.1	2	1
L0+00E 4+90N	17	14	110	.1	2	1
L0+00E 4+80N	16	21	195	.1	2	8
L0+00E 4+70N	17	19	174	.1	2	1
L0+00E 4+60N	18	33	450	.1	2	5
L0+00E 4+50N	11	40	282	.1	2	1
L0+50E 5+00N	17	15	80	.2	2	3
L0+50E 4+90N	18	10	85	.2	2	1
L0+50E 4+80N	16	16	79	.4	2	1
L0+50E 4+70N	16	15	123	.2	2	4
L0+50E 4+60N	22	75	240	.4	2	1
L1+00E 5+00N	12	14	81	.1	2	1
L1+00E 4+90N	14	20	187	.2	2	1
L1+00E 4+80N	14	19	143	.2	2	1
L1+00E 4+70N	16	61	261	.5	2	1
L1+00E 4+60N	10	130	330	1.0	2	6
L1+00E 4+40N	16	30	168	.9	2	3
L1+00E 4+30N	18	30	627	.1	2	1
L1+00E 4+20N	15	17	147	.2	2	1
L1+00E 4+10N	12	18	31	.2	2	1
L1+00E 3+80N	9	27	44	.4	2	1
L1+00E 3+70N	15	23	40	.9	2	1
L1+00E 3+60N	20	46	282	1.3	2	5
L1+00E 3+50N	41	635	285	4.7	3	41
L1+50E 5+00N	15	88	157	.6	2	1
L1+50E 4+90N	13	39	312	.1	2	1
L1+50E 4+80N	8	71	320	.5	2	1
L1+50E 4+70N	10	152	381	.8	2	1
L1+50E 4+60N	7	91	302	.2	2	1
L1+50E 4+50N	11	17	127	.2	2	1
L1+50E 4+40N	12	22	70	.2	2	2
L1+50E 4+30N	15	15	74	.1	2	1
L1+50E 4+20N	14	18	52	.2	2	1
L1+50E 4+10N	12	4	66	.2	2	1
L1+50E 4+00N	13	12	114	.4	2	1

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
L1+50E 3+80N	19	20	79	1.3	2	13
L1+50E 3+70N	27	46	121	2.1	2	24
L1+50E 3+60N	16	23	76	.6	2	1
L1+50E 3+50N	25	19	127	.8	2	14
L1+50E 3+40N	9	19	33	.1	2	1
L1+50E 3+30N	16	26	112	.7	2	1
L1+50E 3+20N	17	38	128	2.0	2	1
L1+50E 3+10N	16	39	185	1.0	2	1
L1+50E 3+00N	21	43	94	3.7	2	1
L2+00E 4+90N	9	41	295	.4	2	1
L2+00E 4+70N	12	19	112	.2	2	1
L2+00E 4+60N	9	25	199	.1	2	1
L2+00E 4+50N	10	25	201	.2	2	2
L2+00E 4+40N	11	17	153	.1	3	1
L2+00E 4+30N	7	9	45	.1	2	1
L2+00E 4+20N	6	10	74	.1	2	2
L2+00E 4+10N	10	18	116	.1	2	1
L2+00E 4+00N	12	18	172	.3	2	1
L2+00E 3+90N	13	12	133	.1	2	1
L2+00E 3+80N	15	9	110	.2	2	3
L2+00E 3+70N	14	13	122	.4	2	1
L2+00E 3+30N	11	11	89	.1	2	1
L2+00E 3+20N	9	20	29	.1	2	1
L2+00E 3+10N	13	14	98	.1	2	1
L2+50E 5+00N	6	14	127	.2	3	1
L2+50E 4+60N	7	32	215	.3	2	1
L2+50E 4+50N	8	11	165	.1	2	2
L2+50E 4+40N	9	18	114	.1	2	1
L2+50E 4+10N	9	13	81	.6	3	1
L2+50E 4+00N	9	18	108	.2	2	1
L2+50E 3+90N	13	12	161	.4	2	2
L2+50E 3+80N	13	14	118	.2	4	1
L2+50E 3+70N	15	7	97	.2	2	1
L2+50E 3+60N	16	11	145	.2	2	1
L2+50E 3+20N	10	11	103	.4	2	1
L2+50E 3+10N	13	15	77	.2	2	1

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
L2+50E 3+00N	11	12	102	.4	2	1
L3+00E 6+00N	9	11	59	.2	2	5
L3+00E 5+90N	6	5	90	.1	2	1
L3+00E 5+80N	9	12	112	.2	2	1
L3+00E 5+70N	8	14	67	.3	2	1
L3+00E 5+60N	10	17	151	.2	2	1
L3+00E 5+50N	10	21	95	.4	2	2
L3+00E 5+40N	9	22	129	.2	2	1
L3+00E 5+30N	6	34	178	.2	2	1
L3+00E 5+20N	9	118	277	.4	2	1
L3+00E 4+60N	9	29	104	.1	2	1
L3+00E 4+50N	10	17	133	.2	2	1
L3+00E 4+40N	9	21	125	.1	2	1
L3+00E 4+30N	12	14	124	.4	2	58
L3+00E 4+20N	9	21	134	.2	2	1
L3+00E 4+10N	10	12	57	.2	2	1
L3+00E 4+00N	11	19	135	.1	2	1
L3+00E 3+90N	8	11	42	.3	2	6
L3+00E 3+80N	12	9	97	.2	2	1
L3+00E 3+70N	12	10	50	.2	2	6
L3+00E 3+60N	11	9	127	.3	2	2
L3+00E 3+50N	13	12	131	.2	2	1
L3+00E 3+40N	12	10	102	.3	2	1
L3+00E 3+30N	14	13	111	.3	2	1
L3+00E 3+20N	15	13	129	.6	3	1
L3+00E 3+10N	16	15	42	.3	2	5
L3+00E 3+00N	23	13	127	.3	2	1
L3+00E 2+90N	16	21	100	.2	2	2
L3+00E 2+80N	12	42	186	.1	2	1
L3+00E 2+70N	16	27	160	.3	2	3
L3+00E 2+60N	19	19	125	.2	2	1
L3+00E 2+50N	9	13	30	.2	2	1
L3+50E 6+50N	15	11	54	.4	2	1
L3+50E 6+40N	10	16	56	.3	2	3
L3+50E 6+30N	11	12	51	.2	2	2
L3+50E 6+20N	13	10	36	.2	2	1

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
L3+50E 6+10N	13	18	44	.1	2	1
L3+50E 6+00N	13	10	58	.2	2	1
L3+50E 5+90N	16	19	86	.3	6	1
L3+50E 5+80N	16	21	56	.2	2	2
L3+50E 5+70N	16	13	64	.2	2	1
L3+50E 5+60N	13	12	60	.2	4	1
L3+50E 5+50N	10	18	66	.1	2	1
L3+50E 5+40N	11	22	55	.1	2	2
L3+50E 5+30N	11	80	144	.5	2	1
L3+50E 5+20N	14	25	71	.3	2	1
L3+50E 5+10N	12	18	107	.3	3	1
L3+50E 5+00N	14	20	139	.2	2	1
L3+50E 4+90N	11	21	91	.3	3	1
L3+50E 4+80N	13	21	101	.2	2	1
L3+50E 4+70N	13	15	100	.3	2	6
L3+50E 4+60N	12	14	45	.1	2	5
L3+50E 4+50N	11	22	76	.1	2	1
L3+50E 4+40N	10	17	77	.1	2	1
L3+50E 4+30N	11	29	74	.3	2	5
L3+50E 4+20N	14	21	196	.2	2	1
L3+50E 4+00N	11	24	103	.2	2	1
L3+50E 3+90N	14	27	154	.1	2	3
L3+50E 3+80N	14	27	168	.1	4	1
L3+50E 3+70N	12	25	161	.1	2	1
L3+50E 3+60N	11	16	88	.2	2	1
L3+50E 3+50N	10	13	85	.2	2	1
L3+50E 3+40N	15	15	145	.4	2	2
L3+50E 3+30N	12	13	189	.1	2	1
L3+50E 3+20N	14	14	137	.1	2	1
L3+50E 3+10N	15	20	155	.1	2	1
L3+50E 3+00N	12	11	99	.3	2	1
L2+50S 5+20W	21	52	126	.6	2	3
L2+50S 5+10W	15	30	100	.3	2	1
L2+50S 5+00W	17	35	85	.3	2	1
L2+50S 4+90W	18	26	106	.8	2	1
L2+50S 4+80W	25	38	252	.5	2	3

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

SAMPLE #	CU ppm	PB ppm	ZN ppm	AG ppm	SB ppm	AU ppb
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

FIGURE 6

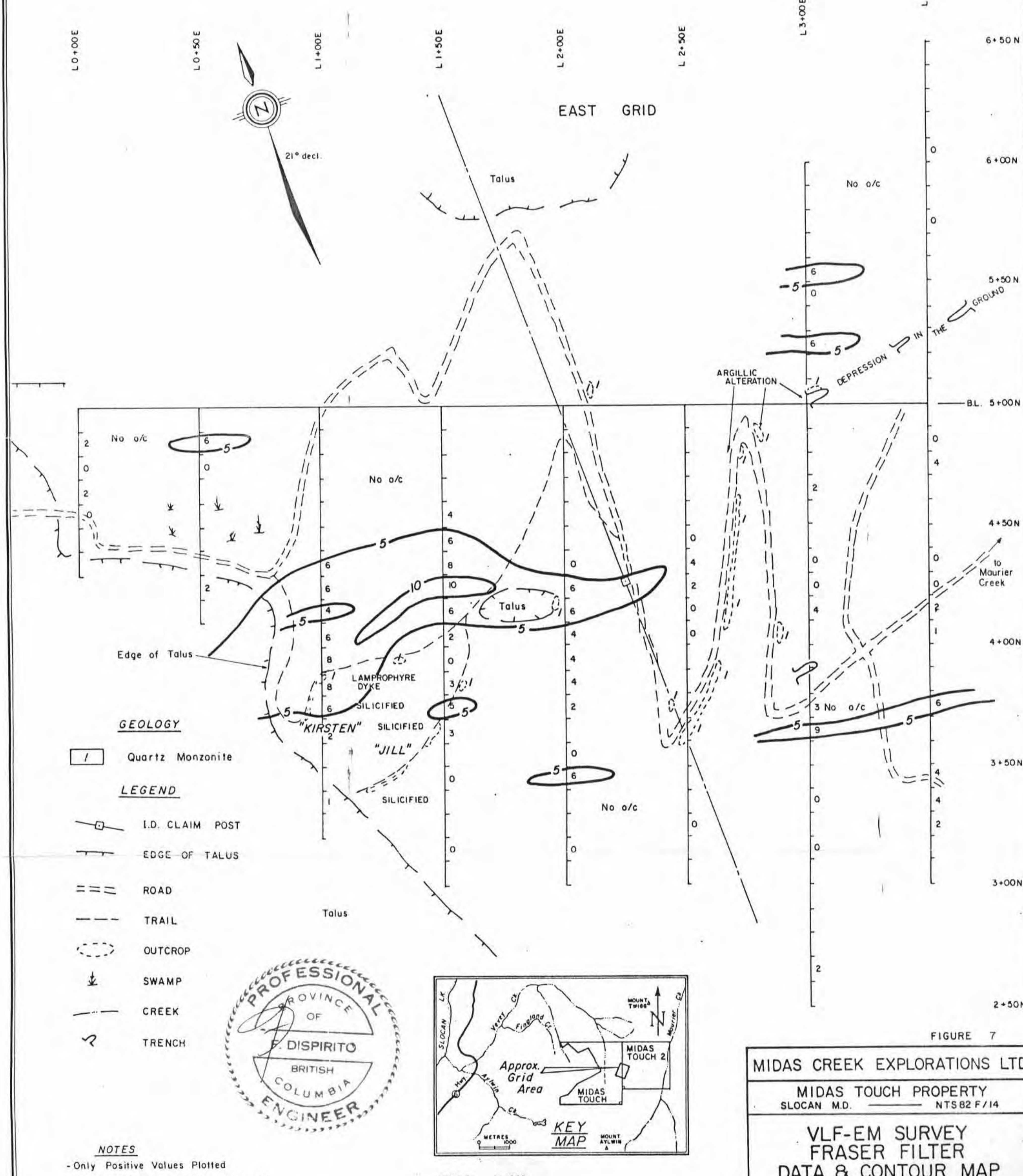
MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. — NTS 82 F/14

SOIL GEOCHEMISTRY COMPILATION MAP

To accompany a report by S.P. Butler, B.Sc. & F. Di Spirito P.Eng.

Drawn by: SB/GT | Date: November, 1987



NOTES
- Only Positive Values Plotted
- Receiver: Sabre Electronics Model 27 VLF-EM receiver.
- Transmitter: NLK Seattle Wa. Frequency 24.8 kHz., Pwr.: 125 kW.
- Contour Interval: 5, 10

FIGURE 7

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. —— NTS 82 F/14

VLF-EM SURVEY
FRASER FILTER
DATA & CONTOUR MAP

To accompany a report by: S.P. Butler, B.Sc. & F. Di Spirito P.Eng.

Drawn by: SB/GT | Date: November, 1987

STRATO GEOLOGICAL ENGINEERING LTD.

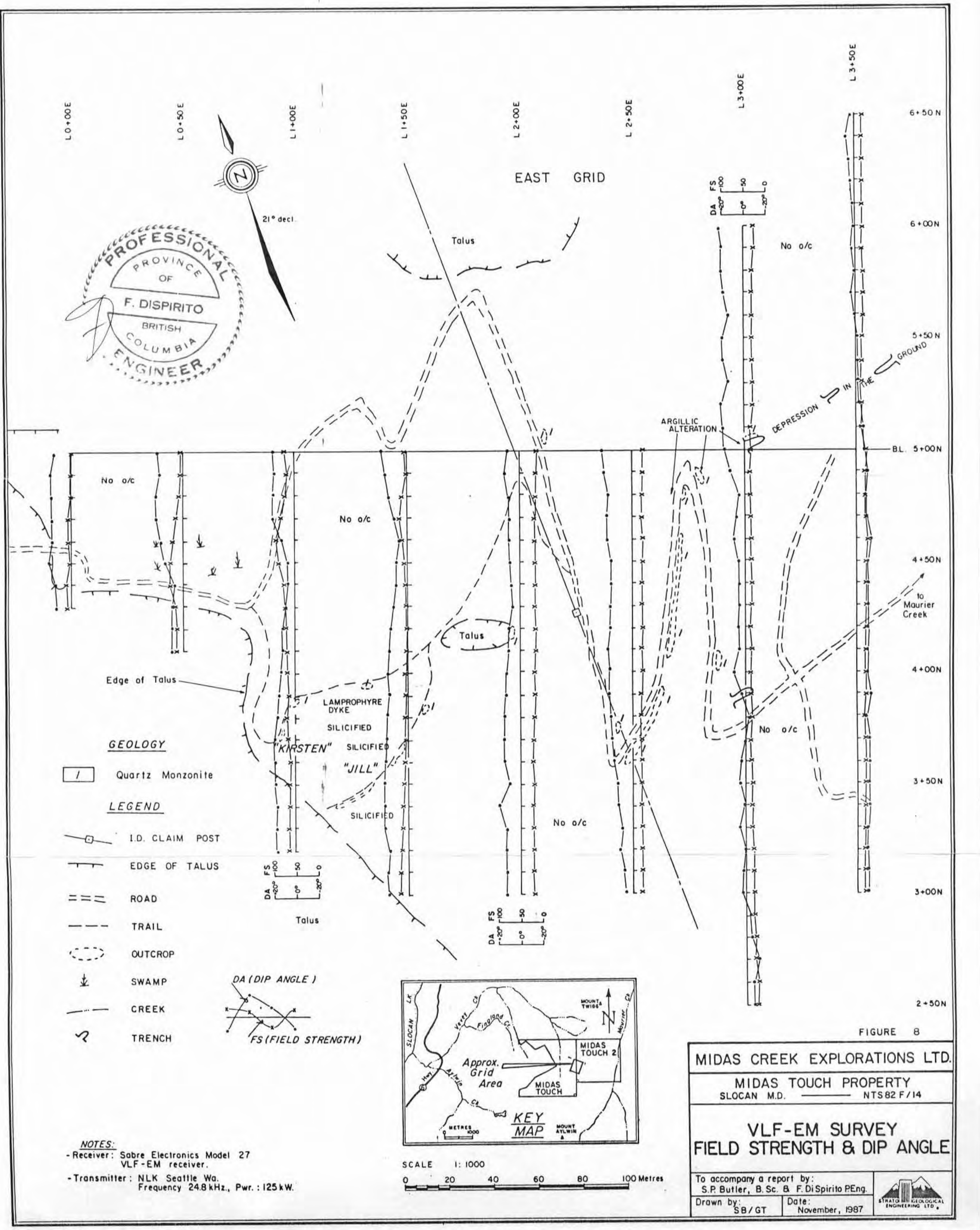


FIGURE 8

MIDAS CREEK EXPLORATIONS LTD.

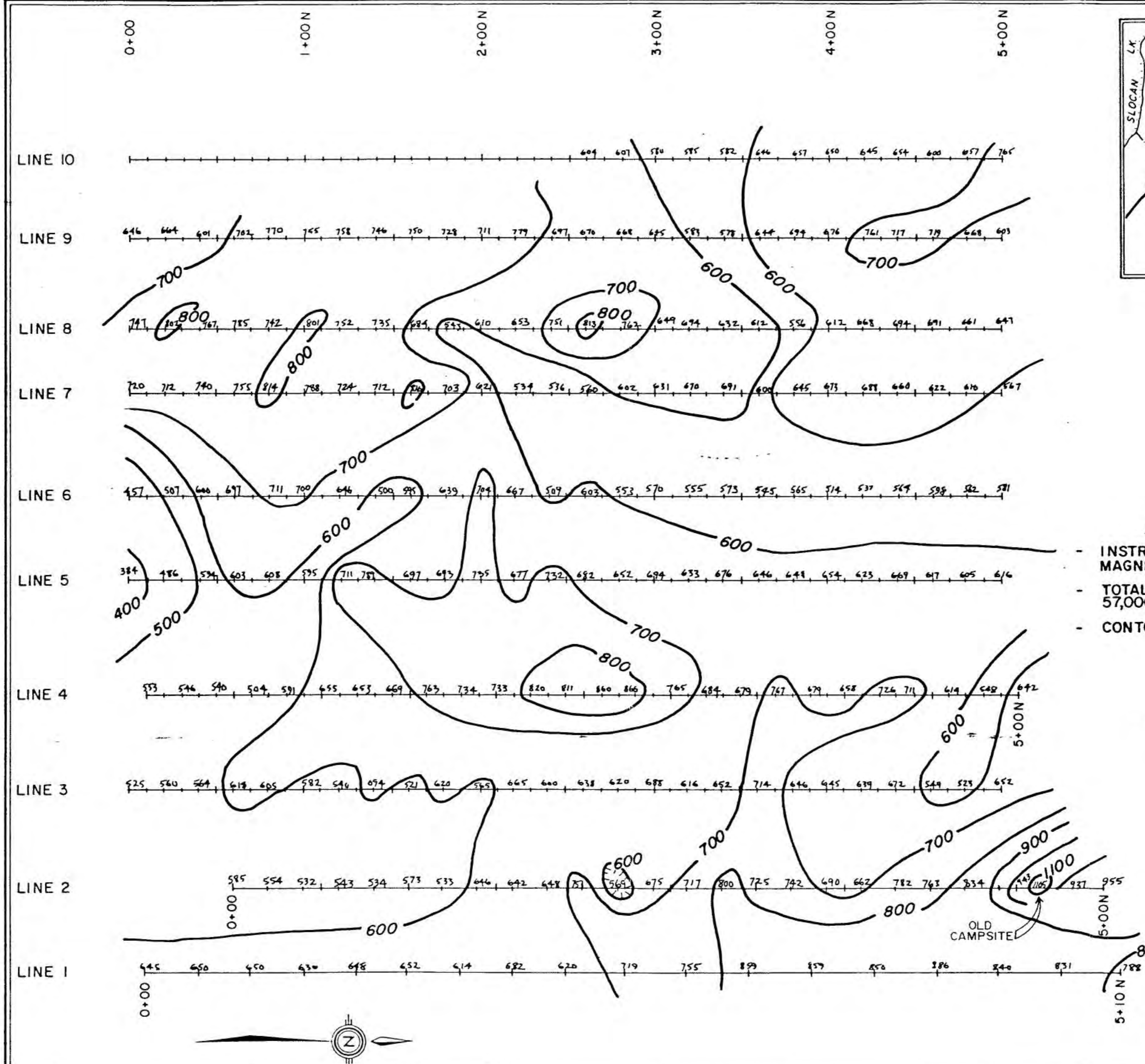
MIDAS TOUCH PROPERTY
SLOCAN M.D. ——— NTS 82 F/14

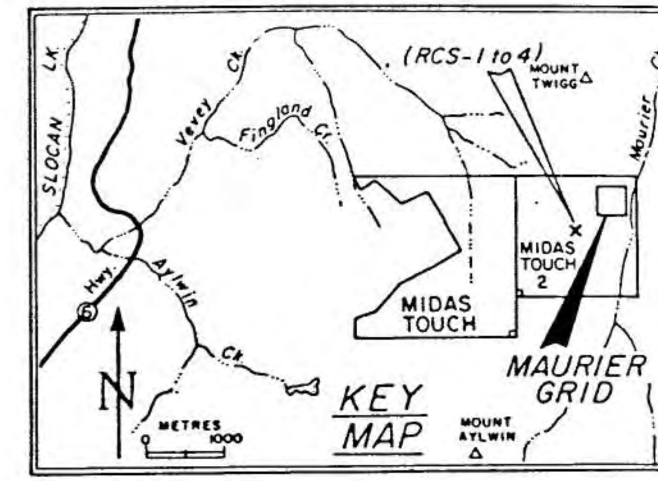
VLF-EM SURVEY
FIELD STRENGTH & DIP ANGLE

To accompany a report by: S.P. Butler, B.Sc. & F. DiSpirito P.Eng.

Drawn by: SB/GT | Date: November, 1987

STRATO GEOLOGICAL ENGINEERING LTD.





PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
F. DISPIRITO

NOTES:

- INSTRUMENT: SCINTREX MP-2 PROTON MAGNETOMETER, Serial No. 767010
- TOTAL FIELD SURVEY: MAGNETIC DATUM 57,000 GAMMAS
- CONTOUR INTERVAL: 100 GAMMAS.

800 — MAGNETIC CONTOUR

SCALE 1: 2000
0 50 100 150 METRES

FIGURE 9

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. — NTS 82 F/14

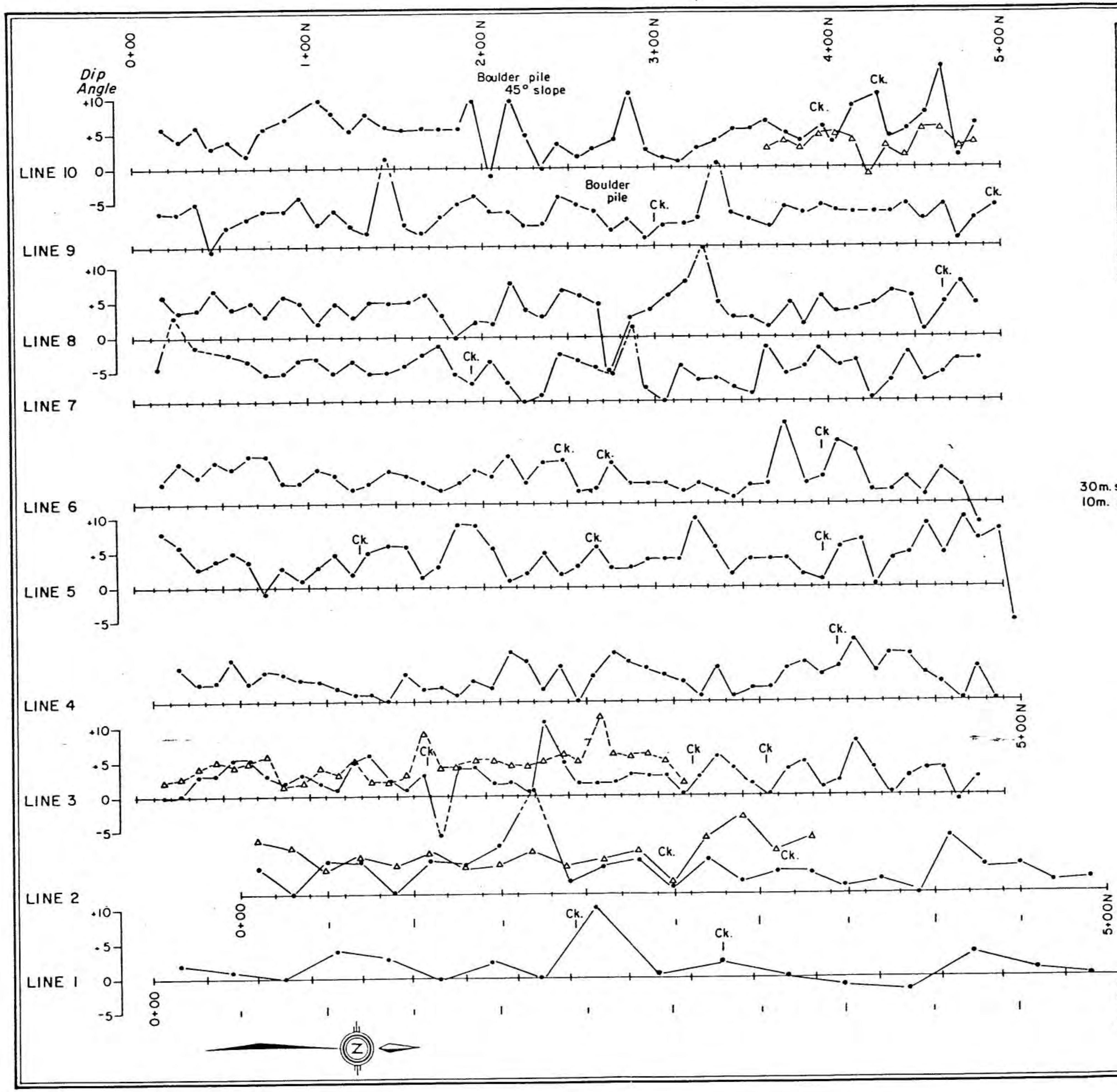
MAURIER GRID

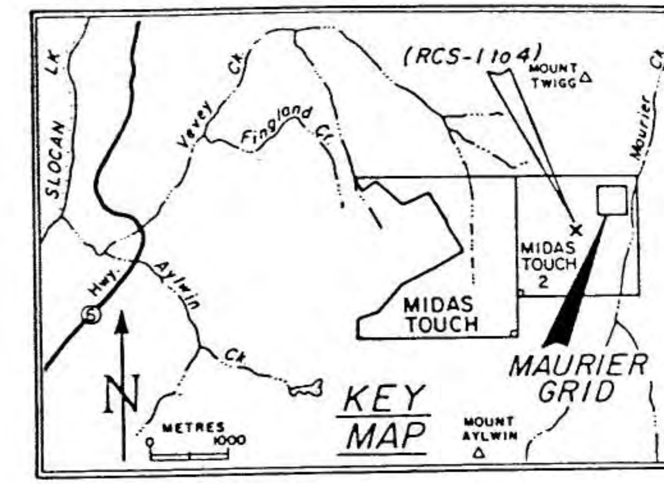
MAGNETIC DATA & CONTOUR MAP

To accompany a report by: S.P. Butler, B.Sc. & F. DiSpirito P.Eng.

Drawn by: SB/GT | Date: January, 1988

STRATO GEOLOGICAL ENGINEERING LTD.





PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA F. DISPIRITO

NOTES:
- INSTRUMENT: CRONE GEOPHYSICS CEM TRANSCIEVERS. Serial No. 317 & 318.

—•—•— MIDDLE FREQUENCY - 1830 Hz.

—△—△— LOWER FREQUENCY - 390 Hz.

SCALE 1: 2000
0 50 100 150 METRES

FIGURE 10

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. — NTS 82 F/14

MAURIER GRID

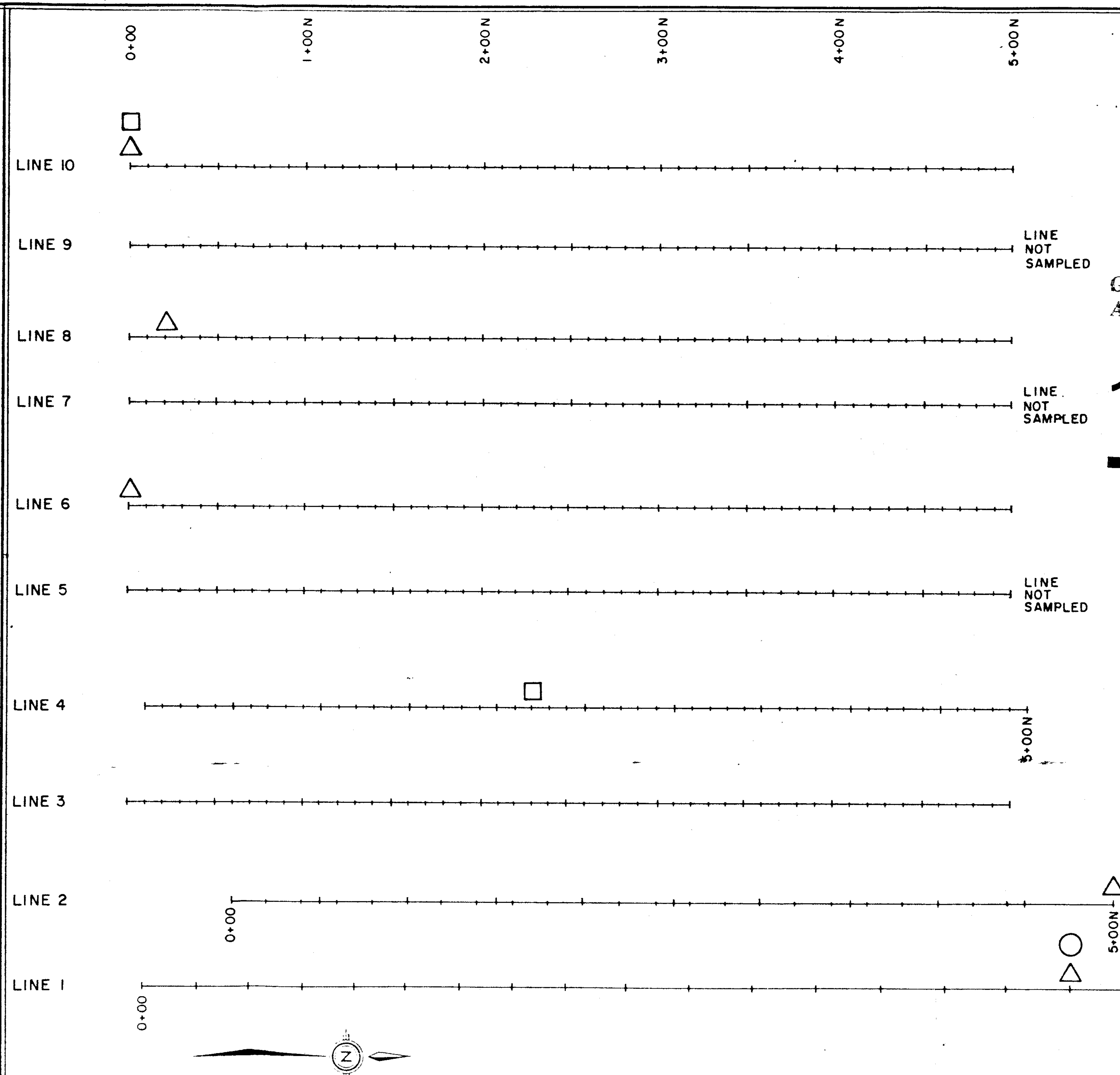
CEM SHOOT-BACK PROFILE PLAN

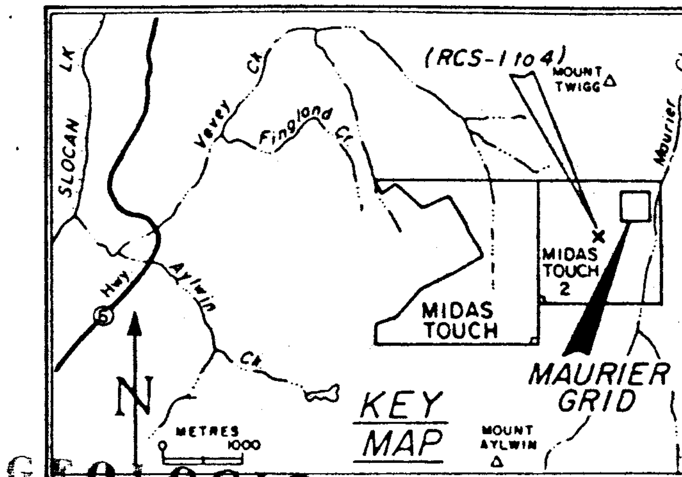
To accompany a report by: S.P. Butler, B.Sc. & F. DiSpirito P.Eng.

Drawn by: SB/GT | Date: January, 1988

STRATO GEOLOGICAL ENGINEERING LTD.

CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
9	13	85	.1	2	1
5	4	19	.1	2	1
11	16	71	.1	2	1
10	16	59	.2	3	1
16	9	74	.1	3	1
11	11	71	.1	5	2
10	21	182	.1	7	1
5	16	134	.1	3	2
9	30	86	.1	2	6
10	17	106	.2	3	1
3	12	88	.1	4	2
10	22	134	.4	6	1
6	19	160	.1	3	1
8	18	118	.1	3	1
9	22	92	.1	5	1
11	14	115	.2	3	1
12	19	131	.1	3	1
13	16	86	.1	6	1
12	8	72	.1	2	1
8	10	56	.2	4	1
10	15	48	.1	2	2
5	5	71	.2	2	1
1	7	61	.1	2	1
9	10	51	.1	2	1
1	10	48	.1	2	1
7	9	63	.1	2	1
8	6	60	.1	2	1
10	13	93	.1	2	1
10	7	88	.1	2	2
14	10	68	.1	3	1
7	7	90	.1	2	1
9	18	190	.1	2	1
2	7	102	.1	2	1
3	8	50	.2	2	1
5	13	101	.1	2	1
8	10	112	.1	2	1
8	11	103	.1	2	1
6	13	86	.3	2	1
8	13	94	.1	2	1
7	4	53	.1	2	2
13	14	85	.1	2	1
8	16	101	.1	2	1
9	8	67	.2	2	1
11	5	92	.1	3	1
14	8	57	.1	3	1
11	8	67	.1	2	1
15	14	107	.1	2	1
14	18	83	.3	2	1
3	6	85	.1	2	1
10	8	73	.2	2	1
5	31	31	.1	3	1
11	11	73	.2	6	1
15	12	75	.3	2	2
10	4	55	.1	2	1
30	11	108	.1	2	1
12	123	331	.4	7	1
7	11	84	.1	2	1
CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
9	9	98	.1	5	1
9	21	96	.1	2	1
7	19	93	.2	8	1
3	7	37	.1	2	1
13	21	89	.1	9	2
9	8	70	.1	6	1
11	12	78	.1	11	1
9	15	60	.1	2	1
13	18	84	.1	8	3
11	57	110	.1	11	1
7	18	64	.2	4	1
10	14	72	.1	3	1
4	9	42	.3	2	1
7	12	37	.1	4	2
5	12	63	.3	8	1
5	24	48	.1	7	1
5	9	59	.1	9	2
6	13	51	.4	2	1
6	19	81	.1	2	1
19	19	114	.4	3	1
14	6	51	.2	2	2
15	8	67	.2	8	1
20	17	64	.1	9	1
13	20	93	.1	2	1
13	22	149	.3	5	1
3	23	406	.1	2	1
4	63	275	.1	7	1





GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,360

Anomalous Geochem. Results

Ag (ppm)	○	> 1.5 ppm.
Pb (ppm)	□	> 60 ppm.
Zn (ppm)	△	> 170 ppm.

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — F. DISPIRITO

SCALE 1:2000
0 50 100 150 METRES

FIGURE 11

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. — NTS 82 F/14

MAURIER GRID

SOIL GEOCHEMISTRY

To accompany a report by
S.P. Butler, B.Sc. & F. DiSpirito P.Eng.

Drawn by: SB/GT | Date: January, 1988

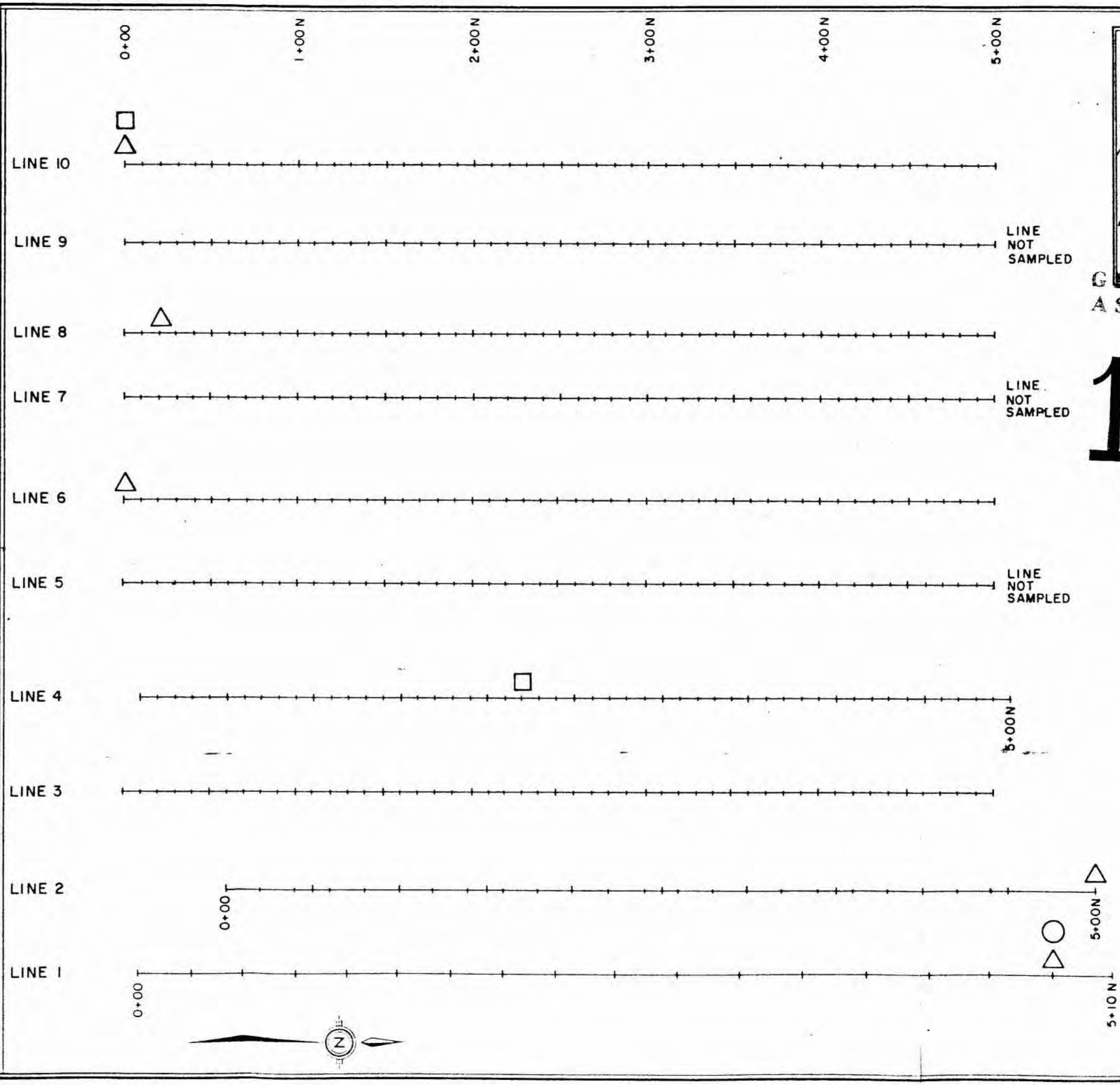
STRATO GEOLOGICAL ENGINEERING LTD.

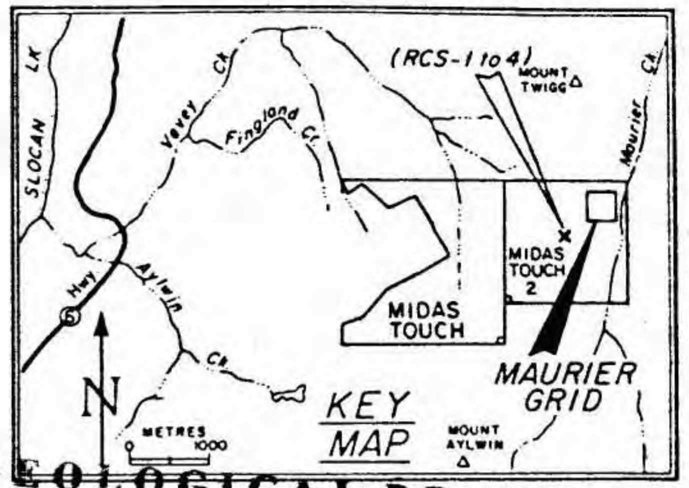
SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L1 0+00	6	22	45	.2	3	2
L1 0+30	10	37	152	.4	5	1
L1 0+60	13	10	64	.2	2	1
L1 0+90	12	10	113	.1	2	1
L1 1+20	10	10	104	.1	2	2
L1 1+50	5	7	86	.1	2	1
L1 1+80	14	7	76	.1	2	1
L1 2+10	14	9	132	.1	2	1
L1 2+40	14	7	87	.1	3	1
L1 2+70	9	15	85	.1	4	1
L1 3+00	9	10	63	.4	2	1
L1 3+30	9	11	82	.1	3	2
L1 3+60	4	8	50	.1	2	1
L1 3+90	3	5	51	.3	2	1
L1 4+20	9	8	78	.1	6	1
L1 4+50	7	7	50	.3	2	2
L1 4+80	14	13	194	2.8	2	1
L1 5+10	19	18	118	.2	3	1
L2 0+00	8	24	65	.2	4	1
L2 0+20	14	11	119	.2	7	1
L2 0+40	11	13	90	.3	4	1
L2 0+60	9	19	115	.2	5	1
L2 0+80	6	40	95	.2	6	1
L2 1+00	7	12	90	.2	3	1
L2 1+20	8	14	68	.2	2	1
L2 1+40	11	13	98	.2	3	1
L2 1+60	12	8	99	.1	2	1
L2 1+80	11	10	85	.3	2	1
L2 2+00	8	6	84	.3	2	1
L2 2+20	5	14	64	.1	2	2
L2 2+40	22	8	63	.1	2	1
L2 2+60	7	18	48	.6	2	1
L2 2+80	10	22	72	.1	4	1
L2 3+00	6	9	68	.1	2	1
L2 3+20	4	16	73	.1	2	1
L2 3+40	1	10	46	.1	2	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L2 3+60	14	24	94	.1	7	1
L2 3+80	11	20	86	.1	6	1
L2 4+00	11	19	50	.2	4	1
L2 4+20	11	7	61	.1	2	1
L2 4+40	11	14	79	.1	2	1
L2 4+60	14	25	85	.1	2	1
L2 4+80	13	18	75	.3	5	1
L2 5+00	7	20	179	.1	6	1
L3 0+00	11	20	111	.1	6	1
L3 0+20	11	19	68	.1	2	1
L3 0+40	14	19	97	.1	2	2
L3 0+60	9	17	68	.1	5	1
L3 0+80	5	13	38	.1	2	1
L3 1+00	12	30	122	.4	7	1
L3 1+20	8	11	67	.1	3	1
L3 1+40	8	18	155	.1	5	1
L3 1+60	9	22	87	.1	3	1
L3 1+80	11	15	95	.1	2	2
L3 2+00	13	23	96	.2	5	1
L3 2+20	12	21	87	.1	2	1
L3 2+40	11	21	103	.1	2	1
L3 2+60	13	25	111	.1	2	2
L3 2+80	11	16	82	.1	5	1
L3 3+00	8	22	68	.3	4	1
L3 3+40	11	7	62	.2	4	1
L3 3+80	5	16	63	.2	2	1
L3 4+00	4	12	46	.1	2	1
L3 4+20	4	8	41	.1	3	2
L3 4+40	7	23	74	.1	5	3
L3 4+60	6	10	54	.2	2	1
L3 4+80	10	12	78	.1	2	2
L3 5+00	11	10	78	.1	4	1
L4 0+00	1	12	36	.1	2	1
L4 0+20	10	17	98	.1	5	1
L4 0+40	9	30	78	.1	4	1
L4 0+60	9	27	71	.2	8	2
L4 0+80	6	12	59	.1	4	1
L4 1+00	5	31	85	.1	10	1
L4 1+20	16	45	129	.1	4	1
L4 1+40	10	26	107	.1	7	1
L4 1+60	10	12	96	.1	2	1
L4 1+80	9	22	121	.1	2	1
L4 2+00	5	15	94	.1	2	1
L4 2+20	14	95	138	.1	7	2
L4 2+40	13	16	99	.1	3	2
L4 2+60	12	13	74	.1	2	1
L4 2+80	14	16	90	.2	2	1
L4 3+00	10	15	72	.2	2	1
L4 3+20	9	11	59	.1	4	2
L4 3+40	6	13	59	.1	2	1
L4 3+60	2	19	57	.1	2	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L4 4+00	9	13	85	.1	2	1
L4 4+20	5	4	19	.1	2	1
L4 4+40	11	16	71	.1	2	1
L4 4+60	10	16	59	.2	3	1
L4 4+80	16	9	74	.1	3	1
L4 5+00	11	11	71	.1	5	2
L6 0+00	10	21	182	.1	7	1
L6 0+20	5	16	134	.1	3	2
L6 0+40	9	30	86	.1	2	6
L6 0+60	10	17	106	.2	3	1
L6 0+80	3	12	88	.1	4	2
L6 1+00	10	22	134	.4	6	1
L6 1+20	6	19	160	.1	3	1
L6 1+40	8	18	118	.1	3	1
L6 1+60	9	22	92	.1	5	1
L6 2+20	11	14	115	.2	3	1
L6 2+40	12	19	131	.1	3	1
L6 2+60	13	16	86	.1	6	1
L6 2+80	12	8	72	.1	2	1
L6 3+00	8	10	56	.2	4	1
L6 3+20	10	15	48	.1	2	2
L6 3+40	5	5	71	.2	2	1
L6 3+60	1	7	61	.1	2	1
L6 3+80	9	10	51	.1	2	1
L6 4+00	1	10	48	.1	2	1
L6 4+20	7	9	63	.1	2	1
L6 4+40	8	6	60	.1	2	1
L6 4+60	10	13	93	.1	2	1
L6 4+80	10	7	88	.1	2	2
L6 5+00	14	10	68	.1	3	1
L8 0+00	7	7	90	.1	2	1
L8 0+20	9	18	190	.1	2	1
L8 0+40	2	7	102	.1	2	1
L8 0+60	3	8	50	.2	2	1
L8 0+80	5	13	101	.1	2	1
L8 1+00	8	10	112	.1	2	1
L8 1+20	8	11	103	.1	2	1
L8 1+40	6	13	86	.3	2	1
L8 1+60	8	13	94	.1	2	1
L8 1+80	7	4	53	.1	2	2
L8 2+00	13	14	85	.1	2	1
L8 2+20	8	16	101	.1	2	1
L8 2+40	9	8	67	.2	2	1
L8 2+60	11	5	92	.1	3	1
L8 2+80	14	8	57	.1	3	1
L8 3+00	11	8	67	.1	2	1
L8 3+20	15	14	107	.1	2	1
L8 3+40	14	18	83	.3	2	1
L8 3+60	3	6	85	.1	2	1
L8 4+00	10	8	73	.2	2	1
L8 4+20	5	31	31	.1	3	1
L8 4+40	11	11	73	.2	6	1
L8 4+60	15	12	75	.3	2	2
L8 4+80	10	4	55	.1	2	1
L8 5+00	30	11	108	.1	2	1
L10 0+00	12	123	331	.4	7	1
L10 0+20	7	11	84	.1	2	1

SAMPLE#	CU PPM	PB PPM	ZN PPM	AG PPM	AS PPM	AU* PPB
L10 0+40	9	9	98	.1	5	1
L10 0+60	9	21	96	.1	2	1
L10 0+80	7	19	93	.2	8	1
L10 1+00	3	7	37	.1	2	1
L10 1+20	13	21	89	.1	9	2
L10 1+40	9	8	70	.1	6	1
L10 1+60	11	12	78	.1	11	1
L10 1+80	9	15	60	.1	2	1
L10 2+00	13	18	84	.1	8	3
L10 2+40	11	57	110	.1	11	1
L10 2+60	7	18	64	.2	4	1
L10 2+80	10	14	72	.1	3	1
L10 3+00	4	9	42	.3	2	1
L10 3+20	7	12	37	.1	4	2
L10 3+40	5	12	63	.3	8	1
L10 3+60	5	24	48	.1	7	1
L10 3+80	5	9	59	.1	9	2
L10 4+00	6	13	51	.4	2	1
L10 4+20	6	19	81	.1	2	1
L10 4+40	19	19	114	.4	3	1
L10 4+60	14	6	51	.2	2	2
L10 4+80	15	8	67	.2	8	1
L10 5+00	20	17	64	.1	9	1
RCS 1	13	20	93	.1	2	1
RCS 2	13	22	149	.3	5	1
RCS 3	3	23	406	.1	2	1
RCS 4	4	63	273	.1	7	1





GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,360

Anomalous Geochem. Results

Ag (ppm)	○	> 1.5 ppm.
Pb (ppm)	□	> 60 ppm.
Zn (ppm)	△	> 170 ppm.

SCALE 1:2000
0 50 100 150 METRES

FIGURE 11

MIDAS CREEK EXPLORATIONS LTD.

MIDAS TOUCH PROPERTY
SLOCAN M.D. — NTS 82 F/14

MAURIER GRID

SOIL GEOCHEMISTRY

To accompany a report by S.P. Butler, B.Sc. & F. DiSpirito P.Eng.

Drawn by: SB/GT | Date: January, 1988

APPENDIX 4

Maps

APPENDIX 5

Time-Cost Distribution

TIME-COST DISTRIBUTION

A exploration program consisting of geological mapping, soils and rock chip sampling, and geophysical surveys was carried out on the Midas Touch claim group during the fall of 1987 by Strato Geological Engineering Ltd. The program was completed in 2 phases during the periods October 13 - 28, 1987 and December 3 - 20, 1987.

A listing of personnel and distribution of costs is as follows:

Personnel

S. Butler, B.Sc.	Project Geologist (Oct./Dec.)
F. DiSpirito, P. Eng.	Project Engineer (Oct.)
P. Roberts, B.Sc.	Geologist (Dec.)
A. Davies	Geophys. Tech. (Dec.)
C. Partiak	Fld. Assistant (Oct./Dec.)

Cost Distribution

Labour		
- October, 37 mandays	9,285.00	
- December, 48 mandays	10,800.00	$20,085.00
Room and Board, 85 md @ 65/md		5,525.00
Transporation, 4WD Truck (incl. milage, gas, oil, etc.)		
- October, 16 days @ 105/d	1,680.00	
- December, 28 days (2 trucks)	2,940.00	4,620.00
D-6 Cat (Contract Services)		
- October, roads/trenching (incl. haulage & swamper, 63 hours	3,592.00	
- December, snow removal/trench (incl. haulage & swamper, 43.5 hrs.	5,060.00	8,652.00
Geophysical equipment		
- Proton Magnetometer (Dec.)	630.00	
- VLF-EM receiver (Oct.)	560.00	
- CEM Shootback system (Dec.)	1,050.00	2,240.00
Mob/demobilization		
- Airfares, etc. (Oct.)	619.60	
- Travel, personnel expense	870.00	1,489.60

Sample Analysis		
- October, 234 soil, 26 rock	3,570.00	
- December, 134 soil	1,608.00	5,178.00
Drafting, data processing, analysis, reproduction, typing, etc. (interim and final reports)		2,291.00
Reports, Interim (Nov.) and Engineering (Feb.)		2,600.00
Contingencies, L.D. telephone, shipping, research, fld. supplies, etc.		1,541.00
TOTAL		$54,221.60

Signed ______________________
Strato Geological Engineering Ltd.