

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORTS

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GEOLOGICAL AND GEOCHEMICAL REPORT

MAY 30 1996
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ON THE MAC 1 - 8 CLAIMS

CARIBOO MINING DIVISION, B.C.

93J/14E

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TRANS # _____

BY

LINDA DANDY, B.Sc., F.G.A.C., P. Geo.

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TRANS # _____

DECEMBER 1995

LOCATION: 54°56' NORTH LATITUDE; 123°14' WEST LONGITUDE

OPERATOR: LINDA DANDY, P.GEO.

OWNER: LINDA DANDY, P.GEO.

FILMED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

P & L GEOLOGICAL SERVICES, C20, S4, RR#1, TELKWA, B.C. VOJ 2X0 PHONE 604-846-9242 FAX 604-846-9210

24,200

**GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE MAC 1-8 CLAIMS
CARIBOO MINING DIVISION, B.C.**

SUMMARY

The **MAC 1-8** claims lie approximately 40 kilometres southwest of Mackenzie, and 2 kilometres north of the McLeod River. This region is underlain by Triassic-Jurassic Takla Group volcanics and Mississippian Slide Mountain Group sediments within the Omineca Crystalline Belt.

Previous work conducted by Plasway National Resources Ltd. and Ezekiel Explorations Ltd. on this ground returned highly anomalous platinum and palladium values in soil samples. These anomalies correlate with high magnetic readings from a government regional airborne survey map. It is concluded that platinum and palladium values are coming from a linear, continuous, highly magnetic ultramafic body.

Soil sampling, rock chip sampling and prospecting was done on the **MAC 1-8** claims from September 18 to October 4, 1994. The soil sampling survey was designed to confirm the previously defined anomalous platinum and palladium zones. Rock samples were taken from ultramafic or other mineralized outcrop, and from small pits dug at anomalous soil stations.

Results of sampling found anomalous platinum and palladium values in soil samples, and elevated results from rock samples. Laboratory problems make definition of anomalies difficult, however confirmation of previous zones was obtained.

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GEOLOGICAL AND GEOCHEMICAL REPORT ON THE MAC 1-8 CLAIMS CARIBOO MINING DIVISION, B.C.

1.0 INTRODUCTION

The MAC 1-8 claims are a platinum-palladium prospect located 40 kilometres southwest of Mackenzie in north-central British Columbia. The property was staked by the author to cover anomalous soil sample zones outlined by the previous property owners Plasway National Resources Ltd. and Ezekiel Explorations Ltd.

Field work, consisting of geological and geochemical surveys, was carried out by a two person crew working from a fly camp on the property from September 18 to October 4, 1994. The purpose of this work was to confirm previous anomalous Pt and Pd zones in soils, and to better define the extent and geology of these zones.

Field work was carried out by the author and P. Grunenberg, P.Geo., both of P & L Geological Services.

1.1 LOCATION AND ACCESS

The MAC 1-8 claims are located between the McLeod River and Des Creek, 40 kilometres southwest of Mackenzie, in the Cariboo Mining Division of north-central British Columbia (see Figure 1). The claims cover an area of 2 square kilometres and are centred at latitude 54°56' N and longitude 123°14' W on NTS mapsheet 93J/14E.

Access to the property is via helicopter from Prince George or Mackenzie. A recently extended, good quality, all-weather, graded gravel logging road which leaves Highway 97 one kilometre south of Windy Point, approximately 160 kilometres north of Prince George, passes within 2 kilometres of the property. From the highway junction one travels west along the Finlay Forest Service Road for 9 kilometres to the junction of the Holder Mainline, then to approximately kilometre 24. The property is located about 2 kilometres north of this location.

The property is bisected by a heavily over-grown road which comes in from McLeod Lake. This road has seen little use since its construction in the early 1930's and would require several days of clearing by bulldozer to make it passable.

MAC PROPERTY

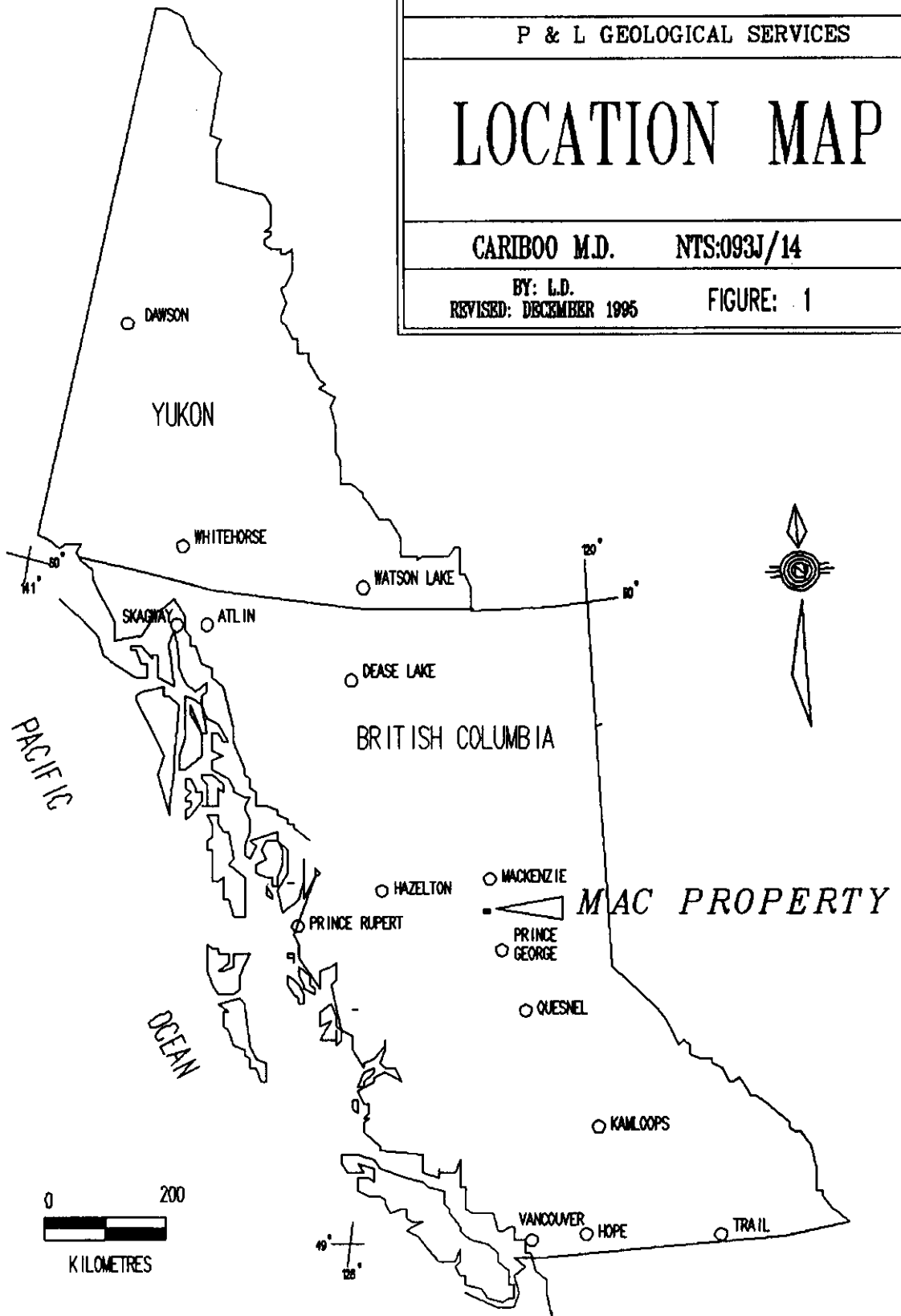
P & L GEOLOGICAL SERVICES

LOCATION MAP

CARIBOO M.D. NTS:093J/14

BY: L.D.
REVISED: DECEMBER 1995

FIGURE: 1



1.2 PHYSIOGRAPHY

The MAC 1-8 claims are in the physiographic division known as the Nechako Plateau, which is part of the Interior Plateau of British Columbia, located just west of the Rocky Mountain Trench. The property lies on glacially deposited material in an area of low topographic relief. Maximum relief is about 100 metres, with most of the property being at approximately 950 metres elevation. Drumlins and eskers in the vicinity of the property strike northeast. Several small, swampy lakes are present on the property and are the result of glaciation and beaver activity.

Tree cover is extensive and consists mostly of white spruce, fir and lodgepole pine. The lodgepole pines, generally located at higher elevations, tend to be widely spaced making travel easy, while at lower elevations (over most of the property) are dense alder thickets and devil's club.

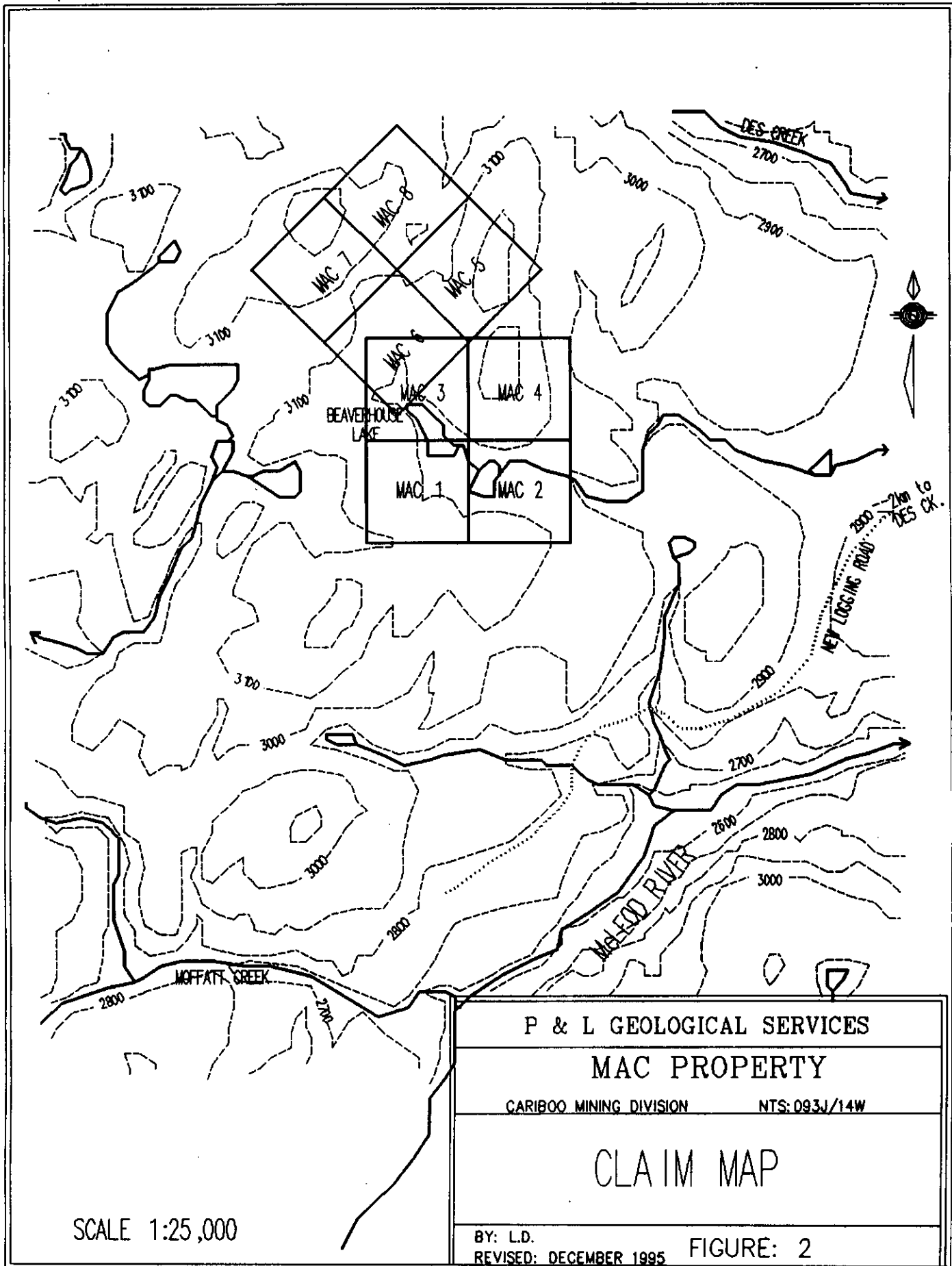
The climate in this portion of interior British Columbia is generally warm and dry with a moderately long, cold winter. Frost may occur at any time; however, day time temperatures in excess of 10°C are normal from early May until mid to late October, with occasional temperatures in excess of 30°C. In winter months, temperatures are generally in the -5°C to -10°C range with lows below -30°C being rare. The greatest accumulation of moisture (average of 25 mm per year) occurs during the fall, winter and early spring in the form of snow, with the remainder of the year being moderately dry. Moisture in the form of rainfall is generally confined to afternoon showers during the warm months.

1.3 PROPERTY STATUS

The MAC 1-8 property is comprised of 8 two-post claims located within the Cariboo Mining Division (Figure 2). Table I lists claim names, record numbers and expiry dates for the MAC 1-8 claims.

TABLE I

| CLAIM NAME | RECORD NUMBER | NEW EXPIRY DATE |
|------------|---------------|--------------------|
| MAC 1 | 331076 | SEPTEMBER 18, 1997 |
| MAC 2 | 331077 | SEPTEMBER 18, 1997 |
| MAC 3 | 331078 | SEPTEMBER 19, 1997 |
| MAC 4 | 331079 | SEPTEMBER 19, 1997 |
| MAC 5 | 331080 | SEPTEMBER 19, 1997 |
| MAC 6 | 331081 | SEPTEMBER 19, 1997 |
| MAC 7 | 331082 | SEPTEMBER 19, 1997 |
| MAC 8 | 331083 | SEPTEMBER 19, 1997 |



1.4 HISTORY AND PREVIOUS EXPLORATION

In the 1930's placer exploration and mining projects predominated in this region. In 1933 and 1934, the McDougall River area was extensively worked by Cariboo Northern Development Co. Ltd. and Northern Reef Gold Mines Ltd. These two companies held much of the mineralized ground east of the Reed Creek-McDougall River confluence. In 1933, Cariboo Northern Development tested their property and obtained encouraging results. The company manager reported that several low gravel benches ran as high as \$3.15 per yard (1933) with yardage ranging from 2 to 13 yards.

Fourteen random surface samples taken from zones other than quartz veins assayed as much as \$3.60 (1933) per ton in gold with all the concentrates carrying assayable platinum concentrations.

In 1934, Northern Reef Gold Mines continued the work begun by Cariboo. Additional work included the construction of a 26 kilometre tractor trail from McLeod Lake, ditch and dam construction, and underground workings. A 16 metre adit with a 8.5 metre winze at the end of it was driven in 3 metres above the river. Placer testing was carried out in 1934 at four points adjacent to the river with results averaging \$1.87 (1934) per cubic yard. Hydraulic mining started early in 1935 but the operation was apparently short lived, since only a small amount of ground was worked.

A gold bearing quartz vein on the north side of the McDougall River just downstream from Reed Creek was developed by a short adit at this time. Other quartz veins in the area are known to contain some gold. Pyroxenite intrusions have been reported to occur in the area and are thought to be the source rock of the platinum group minerals found in the placer deposits.

Regional geochemical survey data was released by the federal and provincial governments in early 1986. This data indicated a large area anomalous for many elements in the vicinity of the MAC 1-8 claims. This survey prompted the previous claim holder Plasway National Resources Ltd. to stake a large claim block in this area. In 1993 the Plasway claims were allowed to lapse.

During the course of exploration work on the Plasway property, soil sampling outlined zones of anomalous platinum and palladium values which appear to be related to mafic intrusive rocks.

2.0 GEOLOGY

2.1 REGIONAL GEOLOGY

The MAC 1-8 claims lie within the Upper Paleozoic units of the Omineca Crystalline Belt, at the boundary with the Rocky Mountain Trench (Tipper et al, 1979). Regional geology is summarized from the descriptive notes of Muller and Tipper on Geological Survey of Canada Map 1204A, Geology of McLeod Lake. A portion of this map is reproduced as Figure 3, with the legend as Table II.

Although not all rock types described occur on the claims, they outcrop in the region and may be significant when detailed property geologic mapping is undertaken in the future.

Muller and Tipper describe the area of the MAC 1-8 claims to:

"...consist of heavily drift covered rolling country, of low hills, lakes and swamps, forming the northeastern portion of the Nechako Plateau. A depression, controlled by McLeod Lake fault and followed by the Hart Highway, separates Nechako plateau from the higher McGregor Plateau. It also separates the main geological divisions of the area... Numerous well-developed drumlins, eskers and meltwater channels clearly indicate that the last ice movement across the area was from southwest to northeast, varying from N70°E in the south to N25°E in the north." Glacial direction on the claims fits the N25°E trend.

"Bedrock exposures are sparse and much less extensive than suggested by the map. Continuous stratigraphic sections are not available and structural relations are not well established.

"The Wolverine Complex (A,B) is believed to consist of metamorphosed and granitized Cariboo Group rocks (7,8) but may include both older and younger strata. The time of metamorphism and granitization was post-Lower Cambrian, possibly in part as late as Mesozoic. The granites (A) are mainly leucocratic, some entirely devoid of mafic minerals, and are apparently restricted to areas of Wolverine gneisses (B). Unit B includes small areas of Cariboo Group quartzites, and conversely, unit 8 includes small bodies of granodiorite and gneisses (B)...

"No relationship has been established yet between strata east and west of McLeod Lake fault. Units 7 and 8 are interpreted as part of a belt of Cariboo Group rocks trending

northwest from the type area. Shales and quartzites predominate and may represent the Midas (7) and Snowshoe (8) Formations of the group but this cannot be demonstrated with certainty. Larger quartzite bands within the Wolverine Complex have also been assigned to the Snowshoe Group, but appear to grade into gneissic rocks in the Pine Pass area.

"The Slide Mountain Group (9,10) is characterized by basaltic pillow lavas, thus distinguishing it from the less volcanic Cache Creek Group (12,13). The limestone (10) forms one band, 200 to 300 feet thick, interbedded with the volcanic rocks. Crinoidal fragments are present.

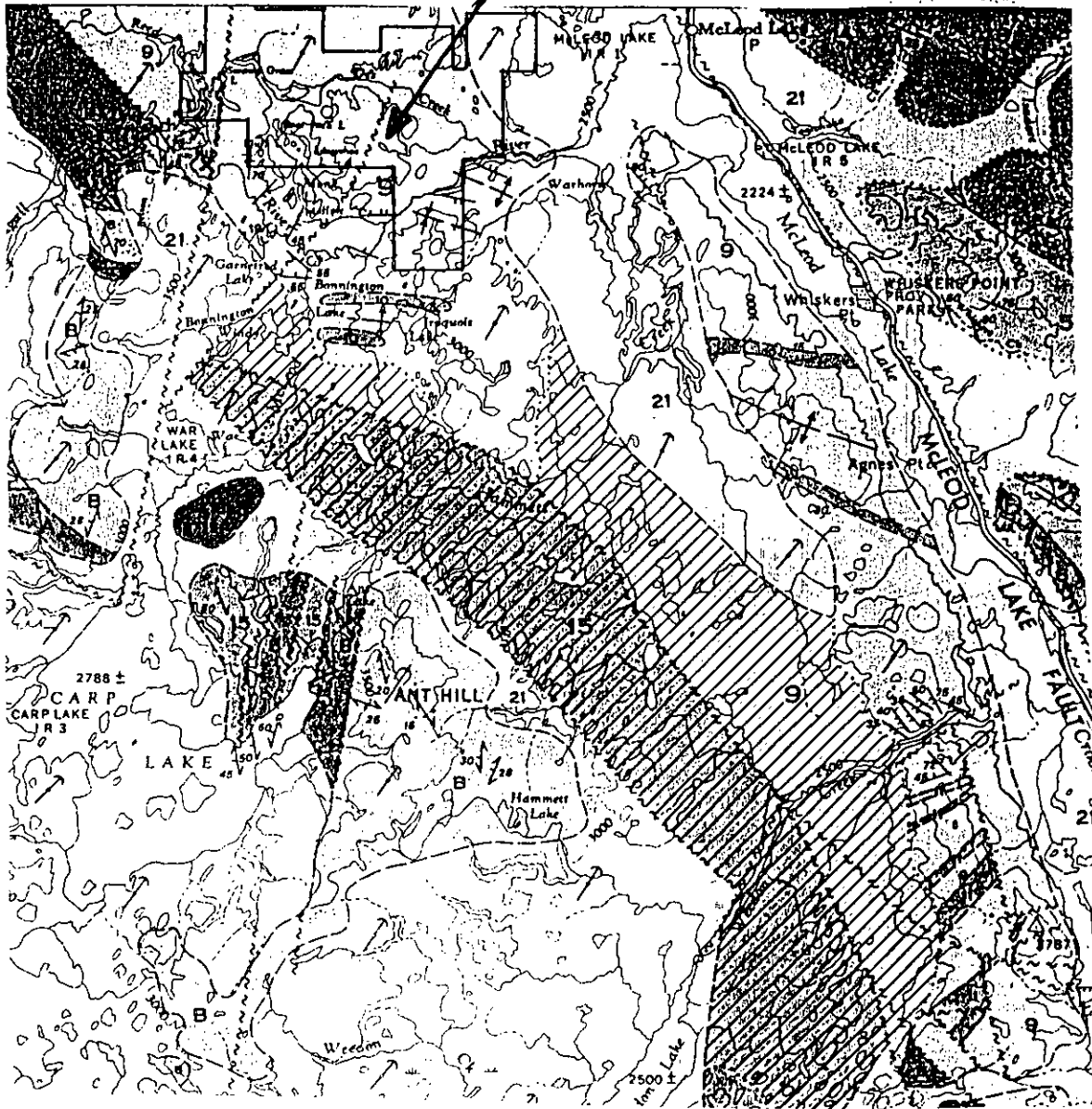
"The Mount Murray Intrusions (11) form sills and dykes in the Slide Mountain Group volcanic rocks (9), and are restricted to these rocks in this map area. It has been suggested that they are genetically related to the Mississippian (7) volcanic rocks...

"The McLeod Lake fault is the outstanding structural feature of the map area, separating the rock sequence of central British Columbia on the west from the Rocky Mountain sequence on the east...

"A little placer gold and platinum have been recovered from Reed Creek, McLeod River, McDougall River, and from streams tributary to Salmon Lake, but not in commercial amounts..."

The Minister of Mines Annual Report 1932, p.A88 reports that "iridium and platinum occur with gold in shallow gravels on rock benches and also in the cracks and crevices of the rock under the gravel. Pyroxenite intrusions nearby suggest a source for the platinum group elements." Although the regional geology maps do not indicate the presence of mafic intrusive rocks which are potential hosts for the placer platinum and palladium mineralization, they have been observed in the field. The airborne magnetic high on the B.C. Government regional magnetic map (Figure 4), appears to correlate well with the magnetic expression of mafic to ultrabasic rocks associated with and including pyroxenite.

MAC 1-8 CLAIMS



SCALE 1:253,440

AFTER GSC MAP 1204A

P & L GEOLOGICAL SERVICES

MAC PROPERTY

CARIBOO MINING DIVISION

NTS: 93J/14W

REGIONAL GEOLOGY MAP

BY: L.D.

DATE: DECEMBER 1995

FIGURE: 3

**TABLE II
REGIONAL GEOLOGY MAP LEGEND**

TERTIARY

MIOCENE AND/OR LATER

- 20 Endako Group: basalt, andesite, related tuffs and breccias
19 Endako Group: conglomerate, sandstone, mudstone, lignite; 19a
may be older than 18

PALEOCENE TO MIOCENE

- 18 rhyolite, dacite; 18a related dykes; 18b may be intrusive

CRETACEOUS AND(?) TERTIARY

UPPER CRETACEOUS AND(?) PALEOCENE

- 17 Sifton Formation: conglomerate, sandstone, shale

PRE-TERTIARY FORMATIONS WEST OF MCLEOD LAKE FAULT

JURASSIC OR CRETACEOUS

- 16 gneissic quartz diorite and granodiorite

TRIASSIC AND/OR JURASSIC

UPPER TRIASSIC AND/OR LOWER JURASSIC

- 15 Takla Group: andesite and basaltic flows, tuff, breccias; 15a
conglomerate, greywacke, argillite, limestone

PENNSYLVANIAN(?) AND PERMIAN

- 12, 13 Cache Creek Group: 13 basaltic and andesitic flows, tuffs,
breccias; minor chert, argillite: 12 limestone, ribbon chert,
argillite

MISSISSIPPIAN(?)

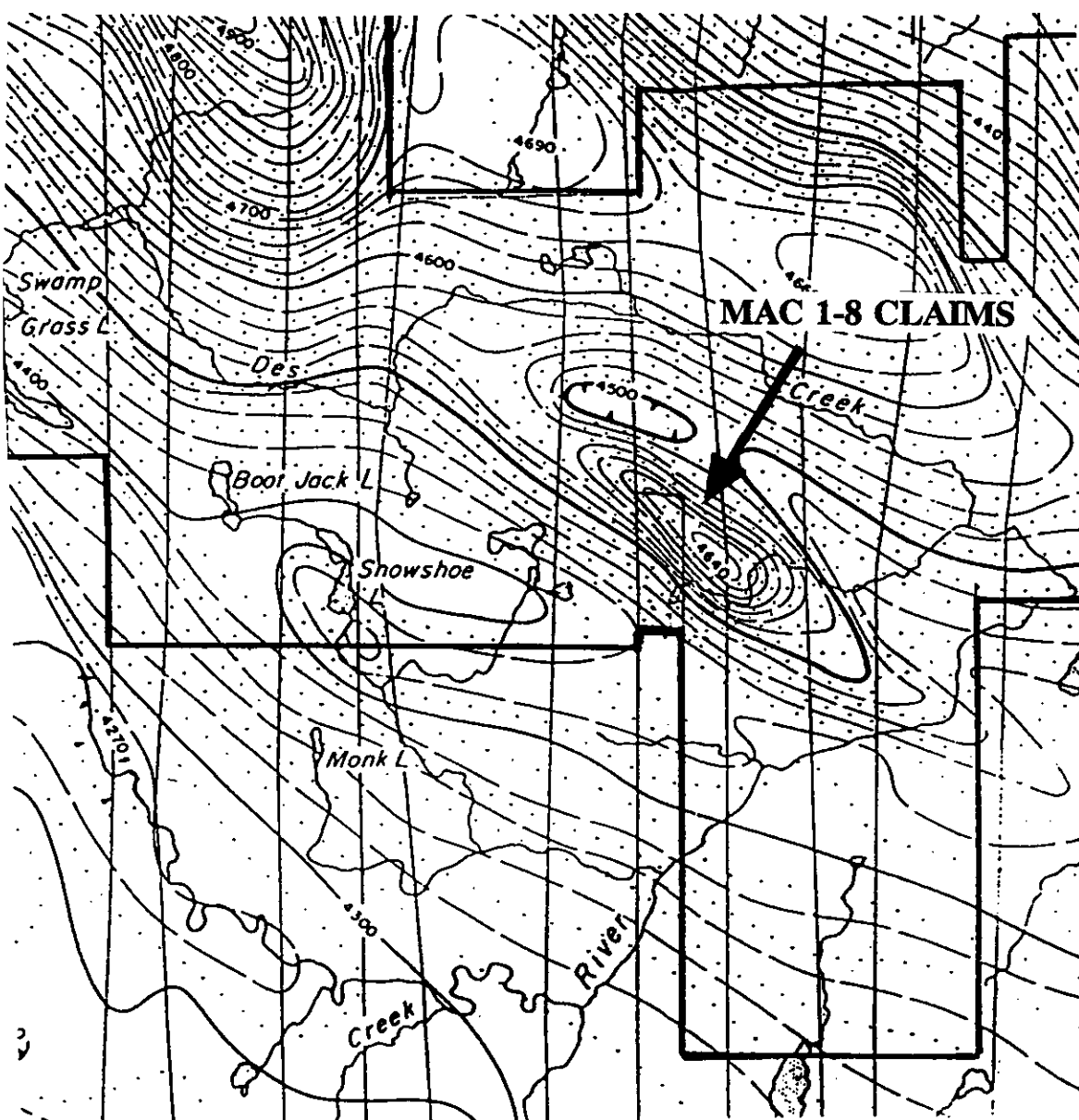
- 11 Mount Murray Intrusions: diabase, diorite
9, 10 Slide Mountain Group: 10 limestone: 9 basaltic pillow lavas,
andesite, related pyroclastic rocks, argillite, chert,
greywacke

CAMBRIAN AND/OR LATER

- 7, 8 Cariboo Group: 8 Snowshoe Formation(?) grey micaceous quartz
phyllitic quartzite, phyllite, includes minor pegmatite: 7 Midas
Formation(?) black quartzose phyllite, argillite

WOLVERINE COMPLEX

- A granodiorite, granite, pegmatite
B granitoid gneiss, micaceous, garnetiferous chloritic pegmatite,
and small bodies of granodiorite, minor feldspathized quartzite



APPROXIMATE SCALE 1:60,000

| | |
|--|--------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 93J/14W |
| GOVERNMENT AIRBORNE MAGNETIC SURVEY MAP | |
| BY: L.D. DATE: DECEMBER 1995 | FIGURE: 4 |

2.2 PROPERTY GEOLOGY

Detailed geological mapping on the MAC 1-8 claims has been limited by poor outcrop exposure. Outcrop exposure is confined to the north end of Beaverhouse Lake (near the centre of the claim block), along the drainage from Beaverhouse Lake, and broken outcrop in small ridges north of Beaverhouse Lake.

At the north end of Beaverhouse Lake, outcrop is pyroxenite, with adjacent hornfelsed sediments (argillite?). These rocks are rusty and pyritic, with trace chalcopyrite present in the pyroxenite. Along the drainage from Beaverhouse Lake volcanic (andesitic?) tuffs, hornfelsed or cherty argillite and diorite dyke rocks outcrop. All of these rocks are very pyritic, with local malachite, chalcopyrite and arsenopyrite. Ridges to the north of Beaverhouse Lake have broken outcrop of siliceous fine grained sedimentary rocks. The competent nature of these rocks leads to the development of the small ridges.

Due to limited outcrop exposure, formal geologic mapping of the property was not undertaken, however some conclusions can be drawn. The property appears to be underlain by Triassic-Jurassic Takla Group volcanic tuffs and Mississippian Slide Mountain Group argillites. Pyroxenite intruded as a large dyke or sill trending across the property. The pyroxenite body (using the airborne magnetics map as reference) appears to trend for at least 4 kilometres in a northwesterly direction, and is likely at least 100 to 200 metres wide, in places appearing to be as wide as 500 metres.

3.0 GEOCHEMISTRY

3.1 SOIL SAMPLING SURVEY

A 1989 grid located northwest and southeast of Beaverhouse Lake was established by Ezekiel Explorations Ltd. and Plasway National Resources Ltd. who held claims over the region at that time (see Figure 5). Soil samples collected from the grid in 1989 returned values over 900 ppb platinum and 200 ppb palladium. During the course of this program, resampling of the sites which previously returned the most anomalous platinum and palladium values (see Figures 6 and 7) was done.

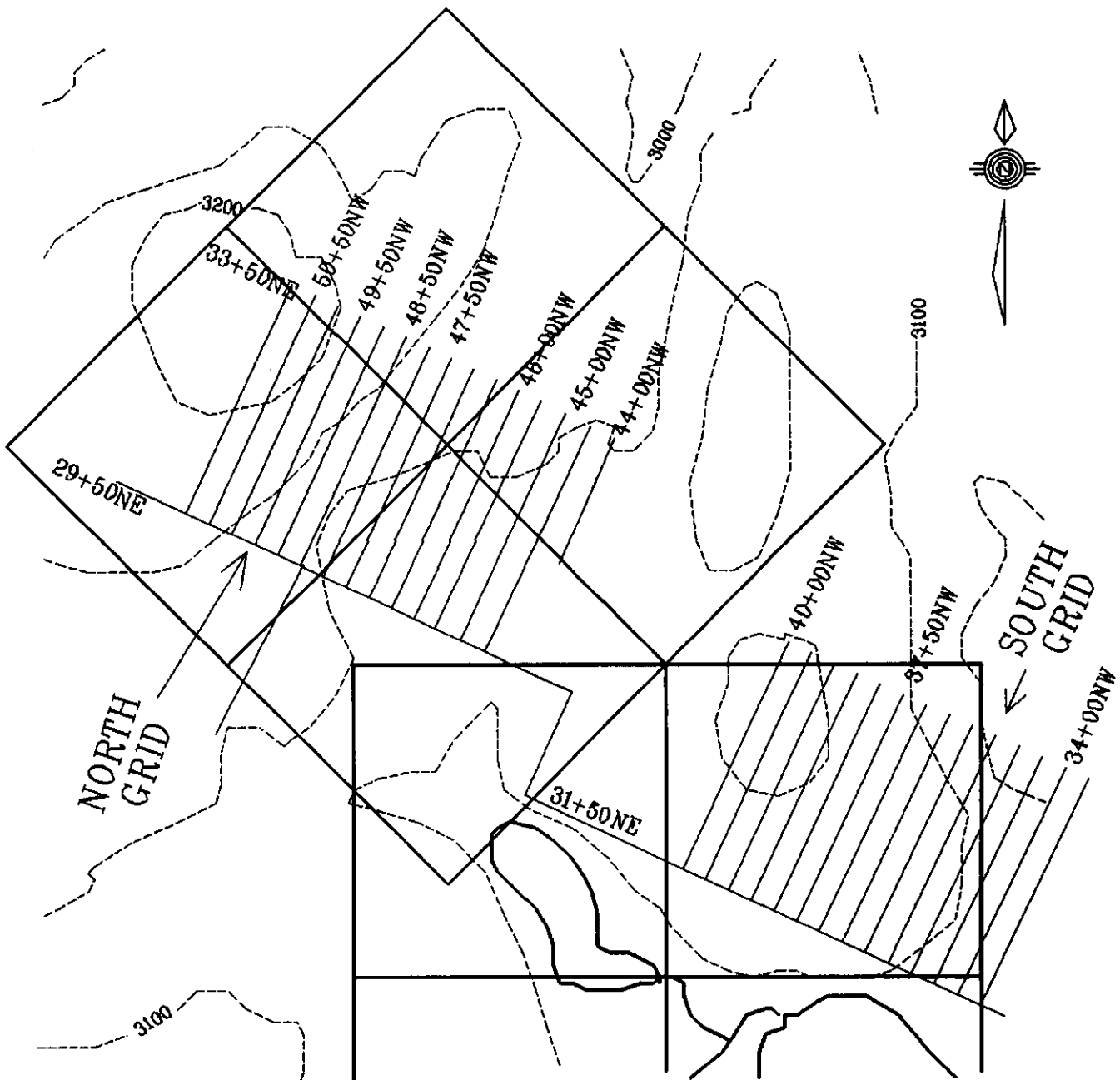
Samples were collected along pre-existing 50 metre spaced grid lines, with stations being generally at 25 metre intervals. As well, three samples were taken across the base of the outcrop at the north end of Beaverhouse Lake (samples LK01 to LK03). A total of 63 combination 'B' and 'C' horizon soil samples were collected at pre-selected stations. All samples were placed in numbered kraft envelopes and shipped to Min En Labs Ltd. in Smithers where the samples were prepared for analysis which was done at Min En's Lab in Vancouver.

In the laboratory, samples were oven dried at approximately 60°C and sieved to minus 80 mesh. The coarse fraction was then set aside and the minus 80 fraction was analysed for Au, Pt, Pd plus 31 additional elements by ICP.

The Pt and Pd results obtained by Min En Labs did not confirm prior anomalies, so after consultation with a geochemist who advised that different labs use different Pt and Pd extraction methods, selected rejects and pulps were sent to Chemex Labs Ltd. in Vancouver for reanalysis for Pt and Pd. The results from Chemex Labs Ltd. did confirm the previously defined anomalies, leading to the conclusion that Min En Labs Pt and Pd recovery techniques are inadequate. Budgetary restraints did not allow for reanalysis of the remaining samples, but this will be undertaken in the future.

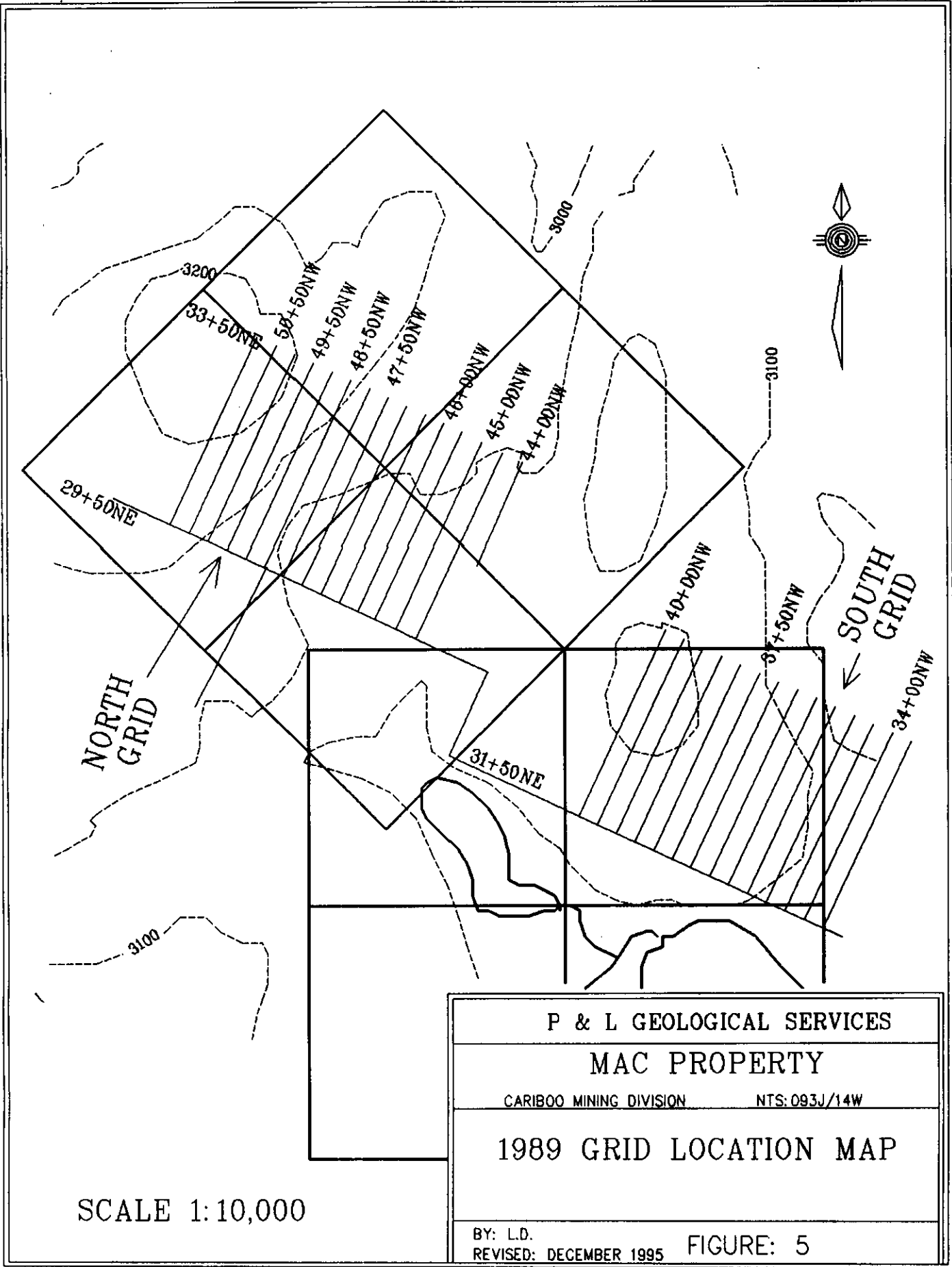
3.2 SOIL SAMPLE RESULTS AND DISCUSSION

Table III compares soil sample results from the 1989 soil survey, and this project's sampling with results by Min En Labs and where reanalysed, by Chemex Labs. For ease of comparison, this table outlines only stations that were sampled previously, where lines have been extended or previously unsampled, results are not found on this table. For complete results see Min En and Chemex Labs Certificates of Analysis in the Appendix. For 1989 results see soil sample contour maps also in the Appendix.



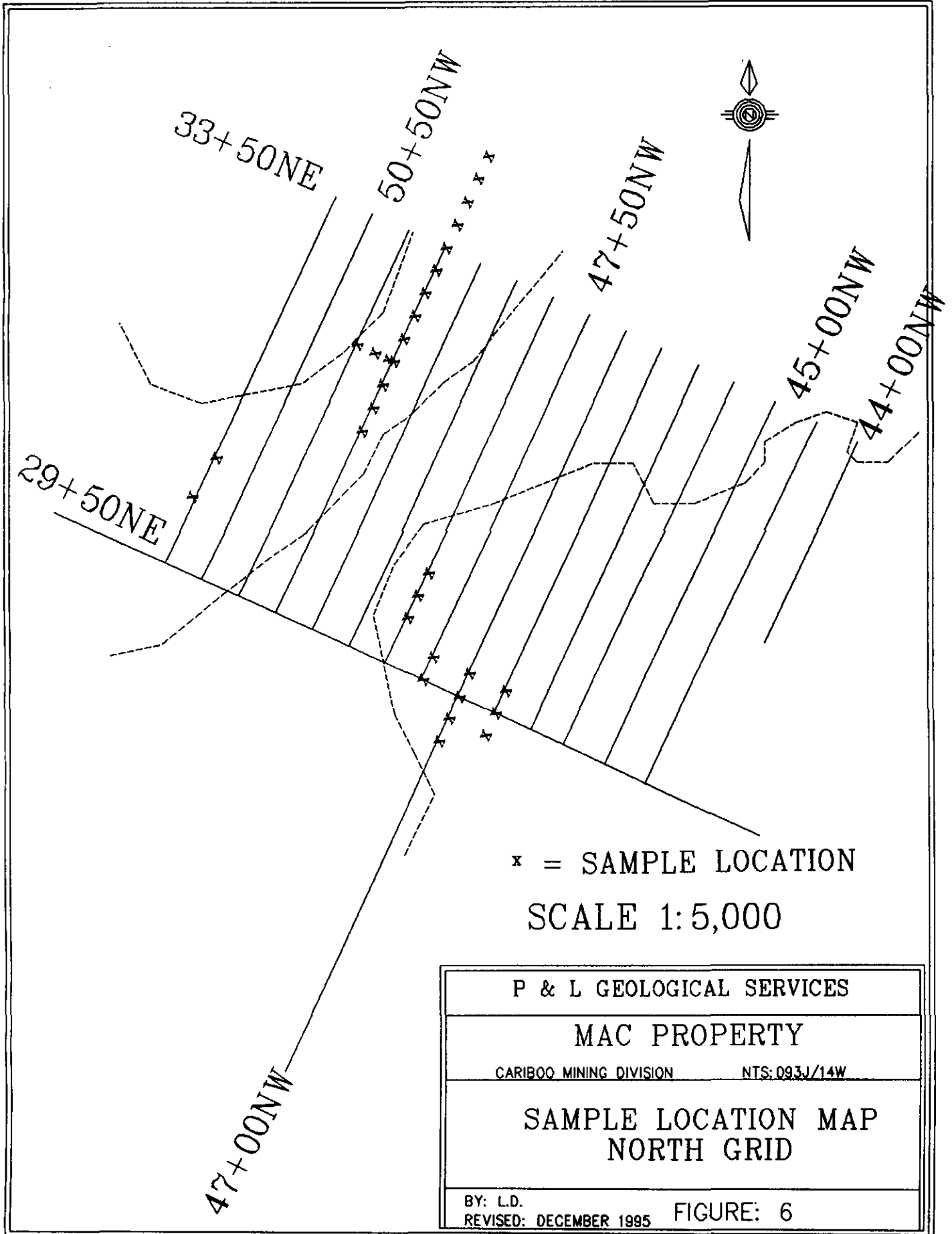
SCALE 1:10,000

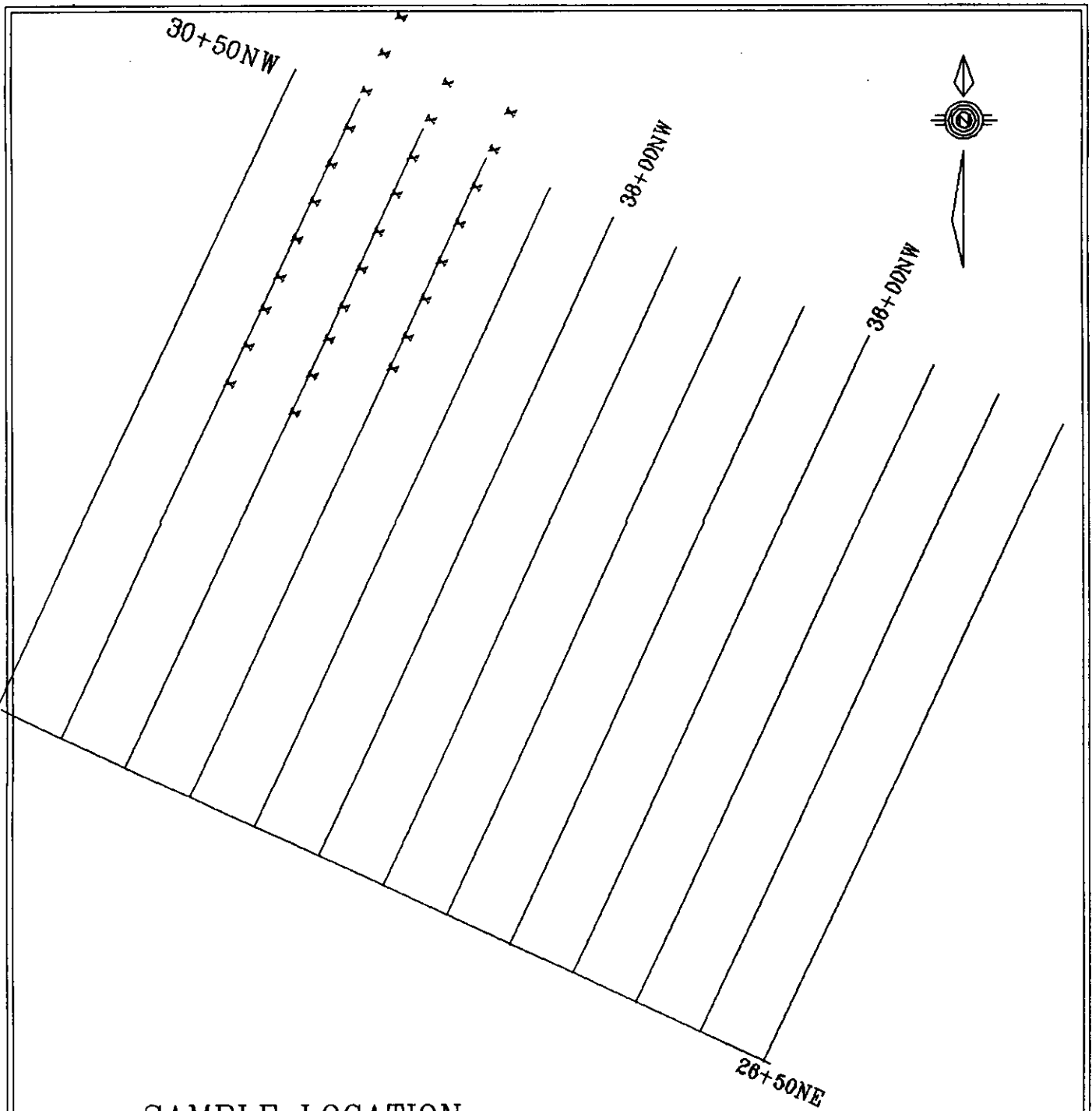
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|---------------------------|---------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 093J/14W |
| 1989 GRID LOCATION MAP | |
| BY: L.D. | FIGURE: 5 |
| REVISED: DECEMBER 1995 | |



SCALE 1:10,000

| | |
|---------------------------|---------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 093J/14W |
| 1989 GRID LOCATION MAP | |
| BY: L.D. | FIGURE: 5 |
| REVISED: DECEMBER 1995 | |





x = SAMPLE LOCATION

SCALE 1:4,000

| | |
|------------------------------------|---------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 093J/14W |
| SAMPLE LOCATION MAP SOUTH GRID | |
| BY: L.D. REVISED: DECEMBER 1995 | FIGURE: 7 |

TABLE III
SOIL SAMPLING SURVEY RESULTS

| SAMPLE STATION | 1989 RESULTS | | 1994 RESULTS | | 1994 RESULTS (re-analysis) | |
|-------------------|--------------|----------|--------------|----------|-------------------------------|----------|
| | Pt (ppb) | Pd (ppb) | Pt (ppb) | Pd (ppb) | Pt (ppb) | Pd (ppb) |
| L39NW, 28+00NE | <5 | <2 | <5 | <5 | | |
| L39NW, 28+25NE | 30 | <2 | <5 | <5 | | |
| L39NW, 28+50NE | <5 | <2 | <5 | <5 | | |
| L39NW, 28+75NE | 10 | <2 | <5 | <5 | | |
| L39NW, 29+00NE | 200 | 4 | <5 | <5 | <5 | <2 |
| L39NW, 29+25NE | <5 | <2 | <5 | <5 | | |
| L46+50NW, 29+50NE | 15 | 6 | <5 | <5 | | |
| L46+50NW, 29+75NE | <5 | <2 | <5 | <5 | | |
| L47NW, 29+50NE | 200 | 8 | <5 | <5 | <5 | <2 |
| L47NW, 29+75NE | <5 | 4 | <5 | 5 | | |
| L47+50NW, 29+50NE | <5 | <2 | <5 | 5 | | |
| L47+50NW, 29+75NE | 10 | <2 | <5 | <5 | | |
| L48NW, 30+00NE | 40 | <2 | <5 | <5 | | |
| L48NW, 30+25NE | 10 | <2 | <5 | <5 | | |
| L48NW, 30+50NE | 40 | <2 | <5 | <5 | | |
| L49+50NW, 31+50NE | 20 | 10 | <5 | <5 | | |
| L49+50NW, 31+75NE | 15 | <2 | <5 | <5 | | |
| L49+50NW, 32+00NE | 20 | <2 | <5 | <5 | | |
| L49+50NW, 32+25NE | 920 | 44 | <5 | <5 | 155 | 48 |
| L49+50NW, 32+50NE | 60 | <2 | <5 | <5 | <5 | 2 |
| L49+50NW, 32+75NE | 45 | 2 | 5 | <5 | 5 | 10 |
| L49+50NW, 33+00NE | 45 | <2 | 5 | <5 | | |
| L49+50NW, 33+25NE | <5 | <2 | <5 | <5 | | |
| L49+50NW, 33+50NE | 135 | 4 | <5 | <5 | | |
| L50NW, 32+25NE | 40 | <2 | <5 | <5 | | |

The 1989 soil survey defined several Pt and Pd anomalies (see Appendix for 1989 soil survey contour maps). Notable are stations L49+50NW, 32+25NE (920 ppb Pt and 44 ppb Pd); L39NW, 29+00NE (200 ppb Pt and 4 ppb Pd); L47NW, 29+50NE (200 ppb Pt and 8 ppb Pd); and L49+50NW, 33+50NE (135 ppb Pt and 4 ppb Pd). These Pt values are extremely significant as high concentrations of Pt do not usually occur in soil.

Samples taken during this program were designed to confirm the above anomalies, and to extend the grid in anomalous areas. As earlier described, samples shipped to Min En Labs did not return significant results (the highest being 8 ppb Pt at L49+50NW, 33+75NE). Of the 5 soil sample rejects then sent for confirmation to Chemes Labs L49+50NW, 32+25NE returned values of 155 ppb Pt and 48 ppb Pd. Although this is lower than the original 1989 results of 920 ppb Pt and 44 ppb Pd it does confirm the presence of a significant anomaly at this location (see Table III).

Before conclusions can be drawn from this survey, more analysis is required. A third laboratory should be contracted to confirm results and all rejects from Min En Labs require re-analysis. Budgetary restraints do not allow for re-analysis at this time.

3.3 ROCK SAMPLING

While soil sampling, rock chips were collected from selected soil holes and sent to the lab for analyses. In most instances the samples consisted of several small, angular rock chips. Although outcrop exposure is poor on the claims, the presence of abundant angular rock fragments in the soil sample holes reflects a close to bedrock source. A total of 31 rock samples were collected from soil holes (for locations see Table IV and Figures 6 and 7), 5 samples were collected around Beaverhouse Lake (Figure 8), and 4 samples were collected 200 metres south from Beaverhouse Lake along the main drainage. All samples were placed in numbered plastic bags and the sample sites indicated by flagging bearing the corresponding number.

The samples were shipped to Min En Labs Ltd. in Smithers where they were crushed to minus 200 mesh. The pulps were then sent to Min En Labs Ltd. in Vancouver where they were fire assayed for Au, Pt and Pd plus 31 elements by ICP. Re-analyses was done on 5 of the rejects at Chemex Labs Ltd. in Vancouver, with results obtained being significantly higher than those from Min En Labs.

The rocks sampled from an outcrops located along the north shore of Beaverhouse Lake (Figure 6) consist of coarse grained ultramafic (pyroxenite) adjacent to finely bedded siltstone or argillite (hornfels?). Both rock types contain minor pyrite, occasional chalcopyrite and are very rusty.

Other rock samples were collected from outcrops along the drainage running out of Beaverhouse Lake. Although outcrop exposure on the claims is very limited, the presence of angular rock fragments in soil sample holes indicate depth to bedrock is shallow.

Two samples of the blue clay which underlies Beaverhouse Lake were analyzed as rock samples as the clay may be fault material somehow related to the ultramafic body.

3.4 ROCK SAMPLING RESULTS AND DISCUSSION

Rock sample locations, descriptions and significant results can be found in Table IV. In Table IV, highlighted results are the re-analyses from Chemex Labs Ltd. Min En Labs and Chemex Labs Certificate of Analyses can be found in the Appendix.

Rock samples ROCK 1-4, 11-23 and 25-37 were collected from soil sample sites. The most significant result was obtained from ROCK 30, located at L49+50NW, 32+25NE, which returned 955 ppb Pt

and 98 ppb Pd. This is the same soil sample location that returned 920 ppb Pt and 44 ppb Pd from soil in 1989. The rock chips found in this soil hole were angular pieces of pyroxenite confirming the theory that Pt on this property is related to the pyroxenite body. The majority of soil sample holes returning angular rock fragments indicated an argillite bedrock source, however several contained mafic volcanic fragments or ultramafic (pyroxenite) fragments.

The outcrops sampled at the north end of Beaverhouse Lake (ROCK 5 and 6) returned 5 ppb Pt, 6 ppb Pd from the pyroxenite and 8 ppb Pt, 10 ppb Pd from the hornfelsed argillite.

TABLE IV

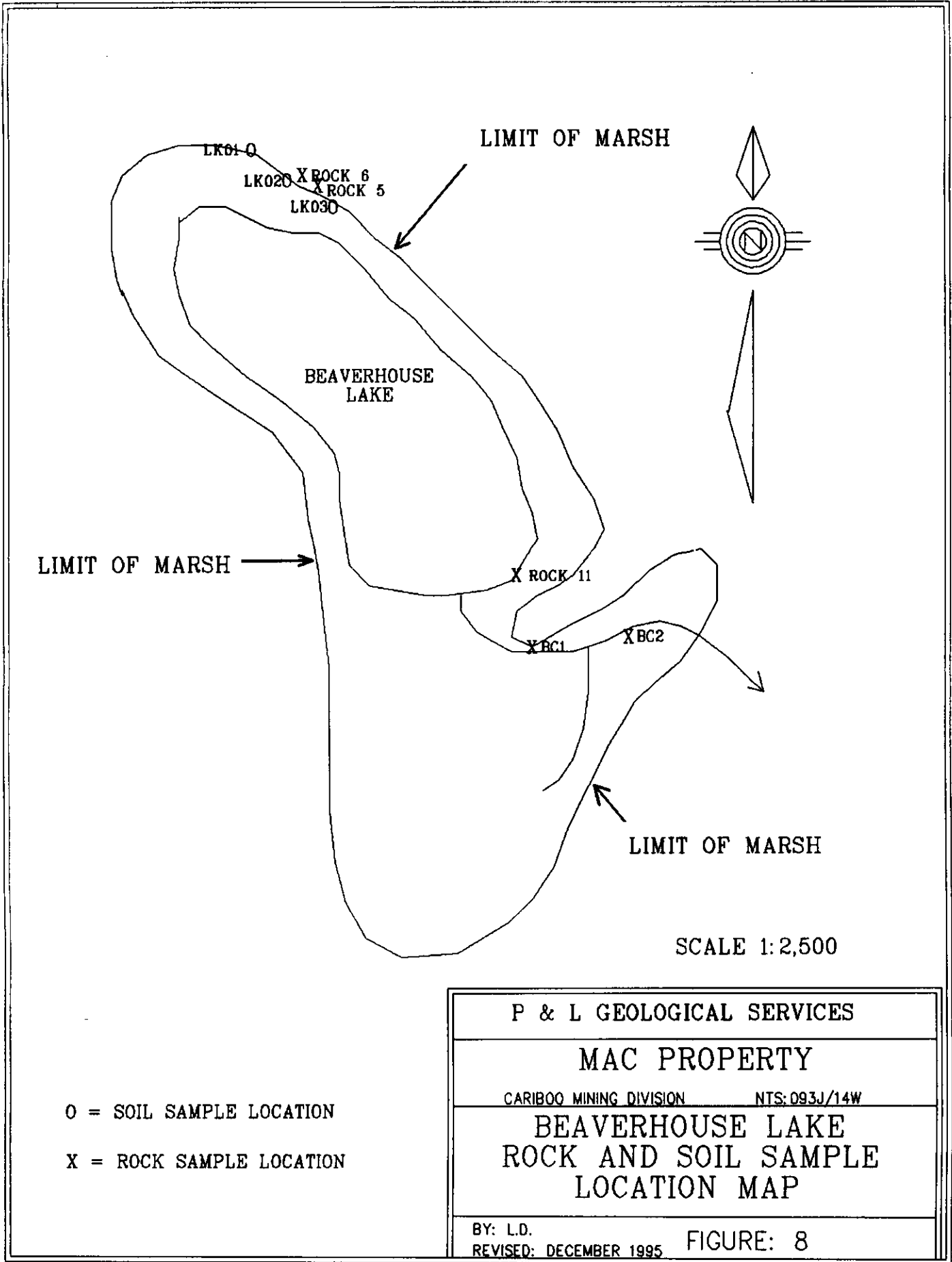
ROCK SAMPLE LOCATIONS AND DESCRIPTIONS

| SAMPLE NAME | LOCATION | DESCRIPTION | SIGNIFICANT RESULTS |
|-------------|--|---|---------------------|
| ROCK 1 | L47+50NW 29+50NE | rusty angular rock frags from soil hole, green-red peridotite with sericite on surfaces | 5ppb Pt 4ppb Pd |
| ROCK 2 | L47+00NW 29+00NE | from soil hole, black fine grained volcanic or sediment brecciated with rusty stockwork | |
| ROCK 3 | L47+00NW 29+40NE | from outcrop under tree root 10 m from high soil anomaly med green, fine grained, granular andesite with fine pyrite and rusty fractures and surfaces | |
| ROCK 4 | L47+00NW 29+50NE | angular fragments from soil hole rusty brecciated chert(?) | |
| ROCK 5 | Outcrop at north end of Beaverhouse Lake | strongly magnetic, dark green coarse grained gabbro to hornblendite with large altered mica flakes, up to 2% fine silvery sulphides | 5ppb Pt 6ppb Pd |

| SAMPLE NAME | LOCATION | DESCRIPTION | SIGNIFICANT RESULTS |
|-------------|--|--|---|
| ROCK 6 | Outcrop at north end of Beaverhouse Lake | fine grained black to bleached tan cherty argillite (hornfels?) next to ultramafic, rusty surfaces, minor rhodonite | 8ppb Pt 10ppb Pd |
| ROCK 7 | Along ck, 300 m below Beaverhouse Lake | lt grey-green, altered volcanic tuff, rusty weathering bluish spots, py, minor cpy and malachite as blebs and stringers | 7ppb Pd 8ppb Pt 1348ppm As 498ppm Cu 10ppb Pt 20ppb Pd |
| ROCK 8 | Same as ROCK 7 | black and white, medium grained diorite to gabbro dyke(?), moderately magnetic, 2% silvery py or aspy | |
| ROCK 9 | Same as ROCK 7 | black to beige cherty argillite (hornfels?) rusty with fine grained silvery sulphides | |
| ROCK 10 | Same as ROCK 7 | dark grey-green, fine grained andesite tuff with feldspar crystals and lithic fragments and black biotite and magnetite, rusty surfaces and minor pyrite | |
| ROCK 11 | L39+00NW 28+50NE | from soil hole, angular rusty ultramafic | |
| ROCK 12 | L39+00NW 28+75NE | from soil hole, rusty and dark angular rock fragments | |
| ROCK 13 | L39+00NW 29+00NE | from soil hole, subangular green rock fragments | |
| ROCK 14 | L39+00NW 29+25NE | from soil hole, angular to subangular dark rock fragments | |
| ROCK 15 | L39+50NW 29+50 to 29+75NE | from soil holes, subrounded white to pink quartz | 468ppm As |
| ROCK 16 | L39+50NW 29+50NE | from outcrop, fine grained rusty volcanic or sediment | 8ppb Pt |

| SAMPLE NAME | LOCATION | DESCRIPTION | SIGNIFICANT RESULTS |
|-------------|------------------------------------|---|------------------------|
| ROCK 17 | L40+00NW 27+50NE | from soil hole, angular argillite chips | |
| ROCK 18 | L40+00NW 28+25NE | from soil hole, angular dark rock fragments | |
| ROCK 19 | L40+00NW 29+00NE | from outcrop, rusty orange, fine grained siliceous volcanic | |
| ROCK 20A | L40+00NW 29+50NE | from soil hole, abundant rusty angular argillite | |
| ROCK 20B | L40+00NW 29+50NE | from soil hole, abundant rusty angular ultramafic | |
| ROCK 21 | L40+00NW 29+75NE | from soil hole, angular rock fragments | |
| ROCK 22 | L40+00NW 30+00NE | from soil hole, near outcrop angular dark argillite and light fine grained volcanic or sediment | |
| ROCK 23 | L40+00NW 30+25NE | dark argillite fragments in soil hole, lighter fragments from outcrop under tree | |
| ROCK 24 | From south end of Beaverhouse Lake | float sample, rusty ultramafic with pyrite | 4.4ppm Ag 373ppm Cu |
| ROCK 25 | L48+00NW 30+00NE | from soil hole, subangular rusty ultramafic fragments | |
| ROCK 26 | L48+00NW 30+00NE | from soil hole, subangular rusty siliceous green andesite with pyrite | |
| ROCK 27 | L48+00NW 30+50NE | from soil hole, angular ultramafic fragments | 864ppm As |
| ROCK 28 | L48+00NW 30+50NE | from soil hole, angular rusty siliceous green andesite(?) with pyrite | |

| SAMPLE NAME | LOCATION | DESCRIPTION | SIGNIFICANT RESULTS |
|-------------|------------------------------------|---|-----------------------|
| ROCK 29 | 49+48NW 32+25NE | from outcrop, rusty, medium grained ultramafic | |
| ROCK 30 | L49+50NW 32+25NE | from soil hole, angular rusty ultramafic fragments | 955ppb Pt 98ppb Pd |
| ROCK 31 | L49+50NW 32+25NE | from soil hole, angular rusty argillite fragments | |
| ROCK 32 | L49+50NW 32+50NE | from soil hole, subrounded rock fragments | |
| ROCK 33 | L49+50NW 32+75NE | from soil hole, angular near outcrop ultramafic fragments | |
| ROCK 34 | L49+50NW 32+80NE | from outcrop, dk green, medium grained ultramafic | 3027ppm Sr |
| ROCK 35 | 49+55NW 32+25NE | from soil hole, near outcrop angular ultramafic and argillite fragments | |
| ROCK 36 | 49+60NW 33+00NE | from outcrop, fine grained, dark green ultramafic or sediment | 4.3ppm Ag |
| ROCK 37 | L50+00NW 32+25NE | from soil hole, dark green angular rock fragments | |
| BC1 | From south end of Beaverhouse Lake | blue clay | |
| BC2 | Same as BC1 | blue clay | |



LIMIT OF MARSH →

LIMIT OF MARSH

BEAVERHOUSE
LAKE

X ROCK 11

X BC1

X BC2

LIMIT OF MARSH

SCALE 1:2,500

O = SOIL SAMPLE LOCATION

X = ROCK SAMPLE LOCATION

P & L GEOLOGICAL SERVICES

MAC PROPERTY

CARIBOO MINING DIVISION

NTS:093J/14W

BEAVERHOUSE LAKE
ROCK AND SOIL SAMPLE
LOCATION MAP

BY: L.D.

REVISED: DECEMBER 1995

FIGURE: 8

4.0 CONCLUSIONS

1) The MAC 1-8 Claims are underlain by Triassic-Jurassic Takla Group volcanic tuffs and Mississippian Slide Mountain Group argillites of the Omineca Crystalline Belt. These rocks have been intruded by a Pt and Pd bearing, northwesterly trending pyroxenite dyke or sill. Dimensions of the pyroxenite body can be inferred from the airborne magnetic map to be approximately 4 kilometres by 300 metres.

2) Pt, Pd, and Au has been placer mined in this region, but no bedrock source has been established. The presence of the pyroxenite body in the vicinity of the placer mining activity suggests that it is the probably bedrock source for Pt and Pd.

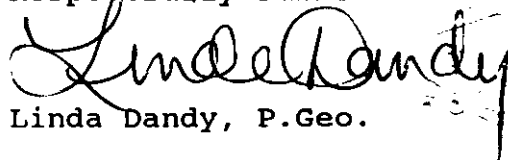
3) The soil sampling survey results confirmed the presence of anomalous Pt and Pd in several locations. Differences in laboratory results owing to different extraction techniques must be solved prior to additional sampling programs. Soil sampling is an excellent exploration tool in this region as the presence of angular rock fragments in soil holes indicates a near bedrock source.

4) The rock sample results confirm that high Pt and Pd values in the pyroxenite correspond to similarly high values from the soil samples. Again, the differences in laboratory results must be resolved prior to additional sampling programs.

5.0 RECOMMENDATIONS

Future work, including expanded soil and rock chip sampling, as well as ground magnetometer survey, should be designed to further explore the regional airborne magnetic trend which extends through the claims. Prospecting and geologic mapping is recommended to define outcrops, with detailed work being done in areas of pyroxenite. All pyroxenite encountered should be systematically chip sampled where possible.

Respectfully submitted

A handwritten signature in cursive script that reads "Linda Dandy". The signature is written in black ink and is positioned above the typed name.

Linda Dandy, P. Geo.

6.0 REFERENCES

ARMSTRONG, J.E., 1965; Fort St. James Map Area, Cassiar and Coast Districts, B.C.: Geological Survey of Canada, Memoir 252.

ARMSTRONG, J.E., TIPPER, H.W., and HOADLEY, J.W., 1946; and MULLER, J.E. and TIPPER, H.W., 1961; Geology, McLeod Lake, British Columbia: Geological Survey of Canada, Map 1204A, Scale 1:253,440.

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RICHARDS, G.G., 1986; Report on the Mineral Potential of the McLeod Prospect, McLeod River, British Columbia for Plasway National Resources Ltd.: unpublished report.

TIPPER, H.W., CAMPBELL, R.B., TAYLOR, G.C. and STOTT, D.F., 1979; Parsnip River, British Columbia, Sheet 93: Geological Survey of Canada 1:1,000,000 Geological Atlas Series, Map 1424A.

TROUP, A.G. and DANDY, L., 1983; Geology, Geochemistry and Geophysics Report on the G NORTH Property for Ezekiel Explorations Ltd.: Assessment Report.

7.0 QUALIFICATIONS

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PROFESSIONAL:

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Membership, Association of Professional Engineers and
 Geoscientists of B.C., 1992

EXPERIENCE:

NOV 1989 - PRESENT; P AND L GEOLOGICAL SERVICES: Consulting and Contracting to the mineral industry and government in all aspects of mineral exploration, reclamation, and education

MAY 1984 - NOV 1989; HUGHES LANG EXPLORATION: Project Geologist involved in all aspects of mineral and placer exploration throughout BC, Yukon and USA locations

APR - AUG 1982; P AND L GEOLOGICAL SERVICES: Project Geologist, Tulameen and Barkerville placer projects

MAY - DEC 1981 MARK MANAGEMENT LTD: Geologist, Quesnel Trough
SEPT - DEC 1982 and Atlin, B.C., and Dawson City, Yukon
MAY 1983 - APR 1984

APPENDIX

1989 SOIL SAMPLE SURVEY CONTOUR MAPS
PT, PD AND AU RESULTS

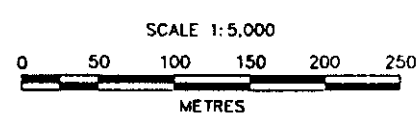
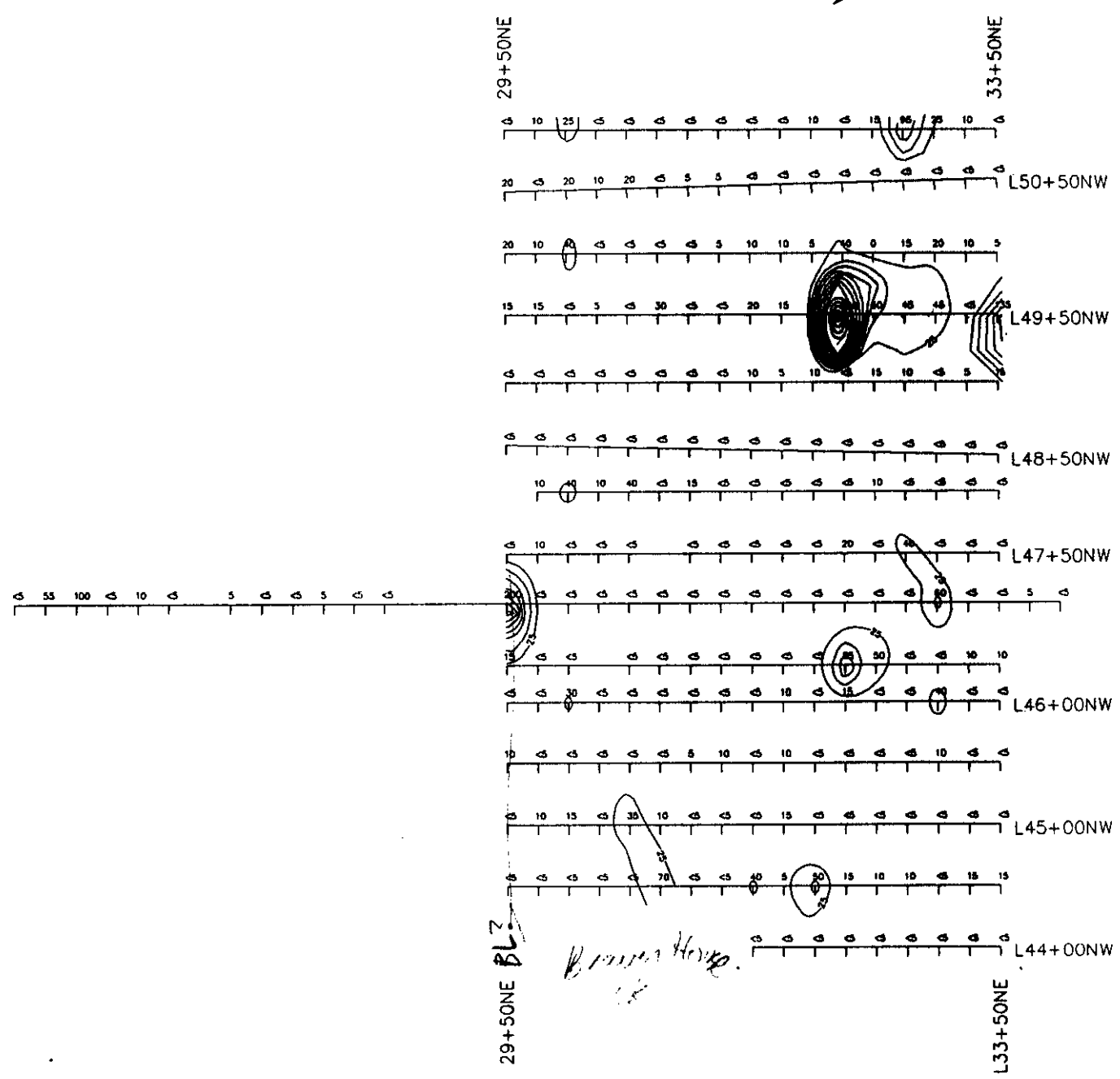
MIN EN LABS LTD. CERTIFICATES OF ANALYSIS
SOIL SAMPLES AND ROCK SAMPLES

CHEMEX LABS LTD. CERTIFICATE OF ANALYSIS
RE-ANALYSED SOIL AND ROCK SAMPLES

LETTER REQUESTING AMMENDMENTS

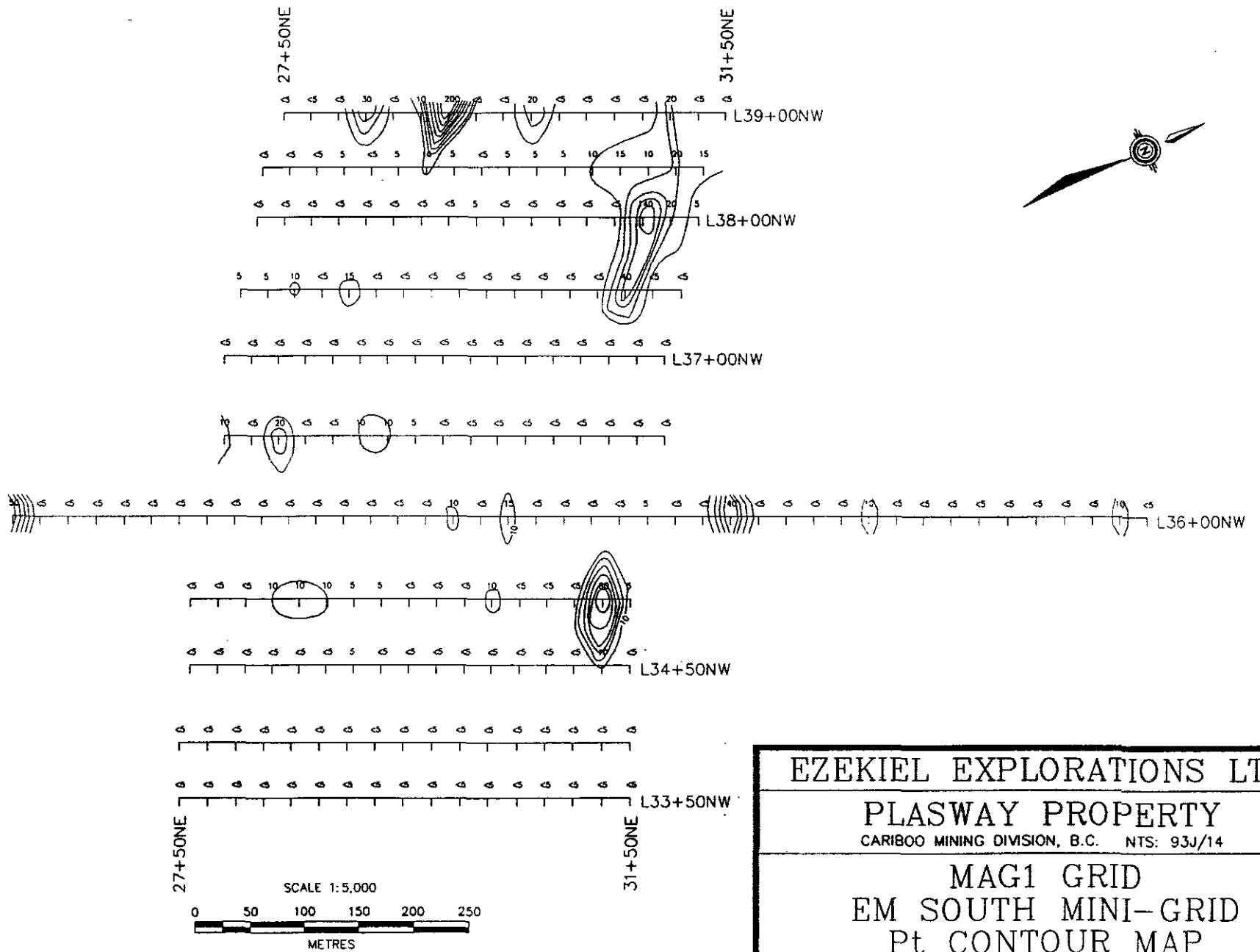
FIGURE 9 - PROSPECTING TRAVERSE AND OUTCROP MAP (AMMENDED)

FIGURES 10 TO 15 - MAPS WITH PT AND PD RESULTS (AMMENDED)



CONTOUR INTERVAL = 25ppb

| | |
|---|------------|
| EZEKIEL EXPLORATIONS LTD. | |
| PLASWAY PROPERTY | |
| CARIBOO MINING DIVISION, B.C. NTS: 93J/14 | |
| MAG1 GRID | |
| EM NORTH MINI-GRID | |
| Pt CONTOUR MAP | |
| BY: L.D./p.s. | FIGURE: 18 |
| DATE: NOVEMBER, 1989 | |

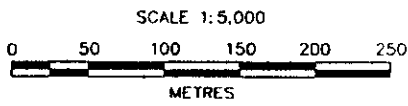
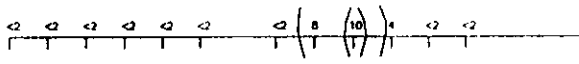
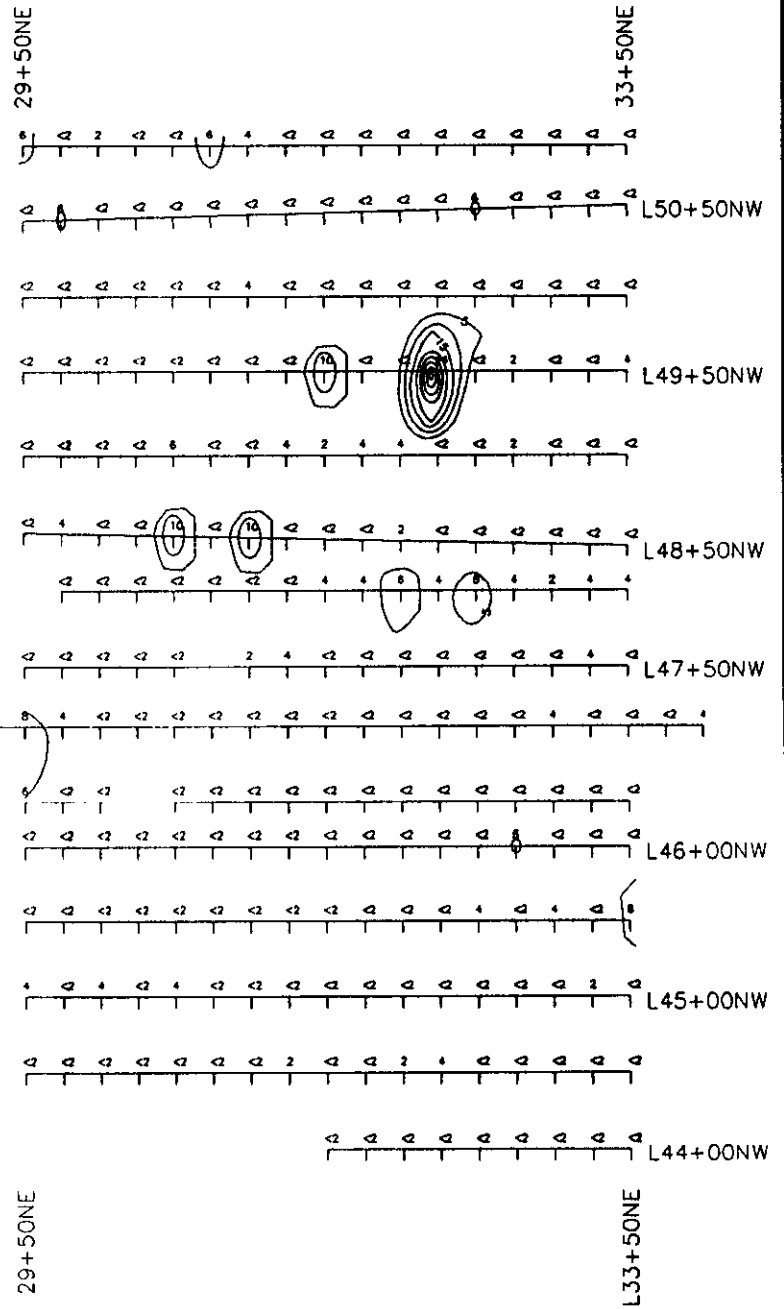


CONTOUR INTERVAL = 10m

| | |
|-------------------------------|-------------|
| EZEKIEL EXPLORATIONS LTD. | |
| PLASWAY PROPERTY | |
| CARIBOO MINING DIVISION, B.C. | NTS: 93J/14 |
| MAG1 GRID | |
| EM SOUTH MINI-GRID | |
| Pt CONTOUR MAP | |

BY: L.D./p.s.
DATE: NOVEMBER 1980

FIGURE: 20

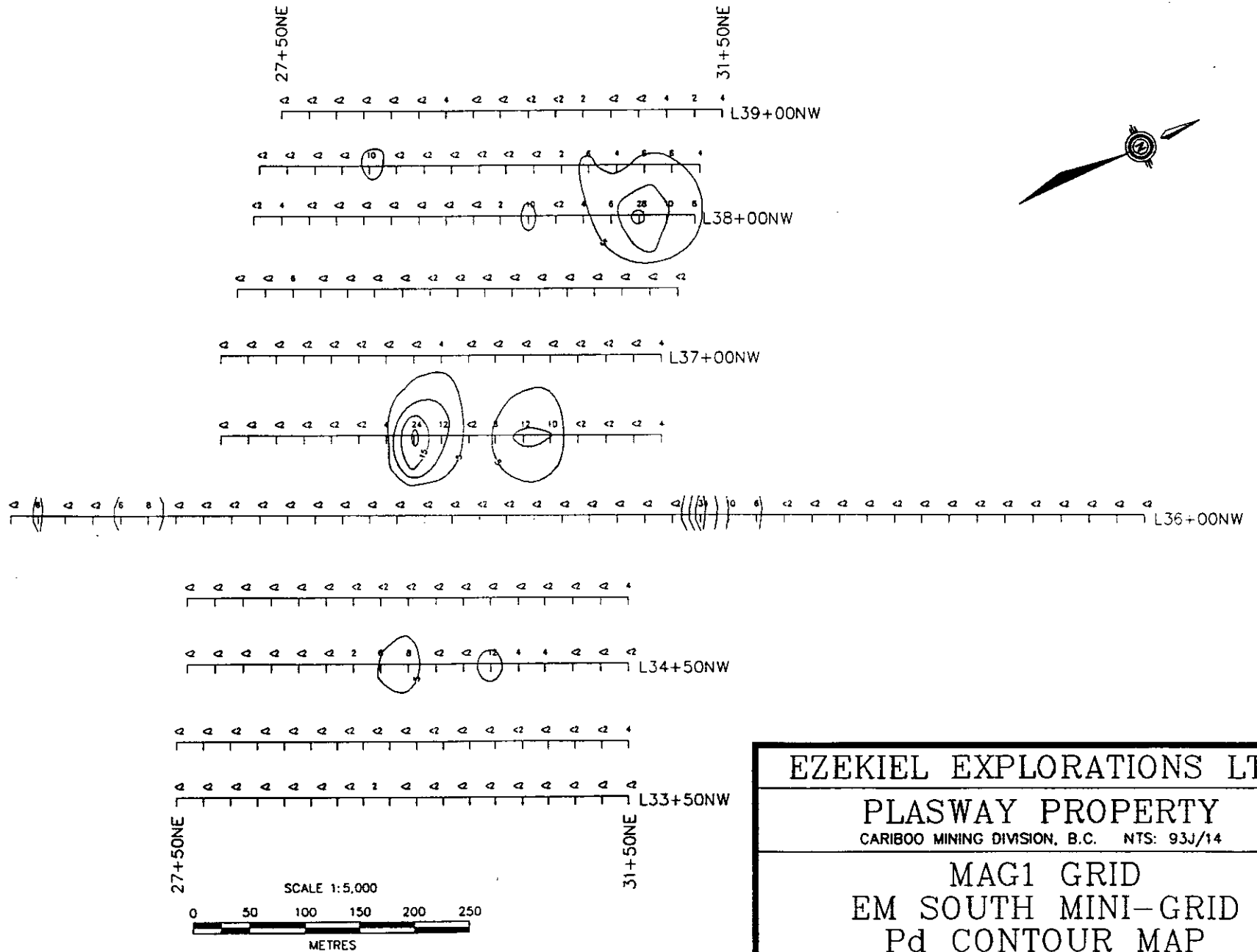


CONTOUR INTERVAL = 5ppb

EZEKIEL EXPLORATIONS LTD.
 PLASWAY PROPERTY
 CARIBOO MINING DIVISION, B.C. NTS: 93J/14
 MAG1 GRID
 EM NORTH MINI-GRID
 Pd CONTOUR MAP

BY: L.D./p.s.
 DATE: NOVEMBER, 1989

FIGURE: 19



CONTOUR INTERVAL = 5ppb

| |
|---|
| EZEKIEL EXPLORATIONS LTD. |
| PLASWAY PROPERTY |
| CARIBOO MINING DIVISION, B.C. NTS: 93J/14 |
| MAG1 GRID |
| EM SOUTH MINI-GRID |
| Pd CONTOUR MAP |

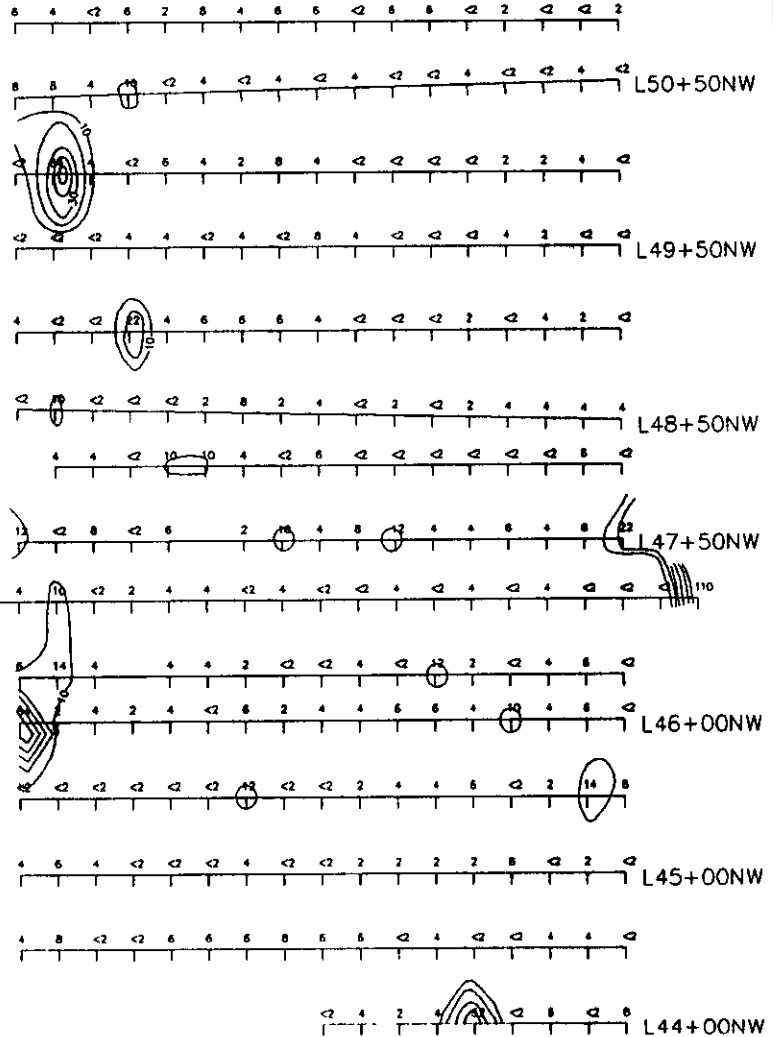
BY: L.D./p.s.
DATE: NOVEMBER, 1989

FIGURE: 30



29+50NE

33+50NE



29+50NE

L33+50NE

EZEKIEL EXPLORATIONS LTD.

PLASWAY PROPERTY

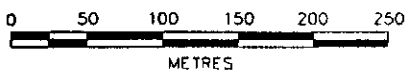
CARIBOO MINING DIVISION, B.C. NTS: 93J/14

MAG1 GRID
EM NORTH MINI-GRID
Au CONTOUR MAP

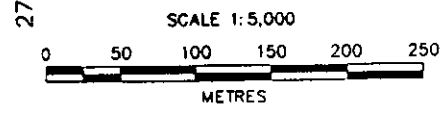
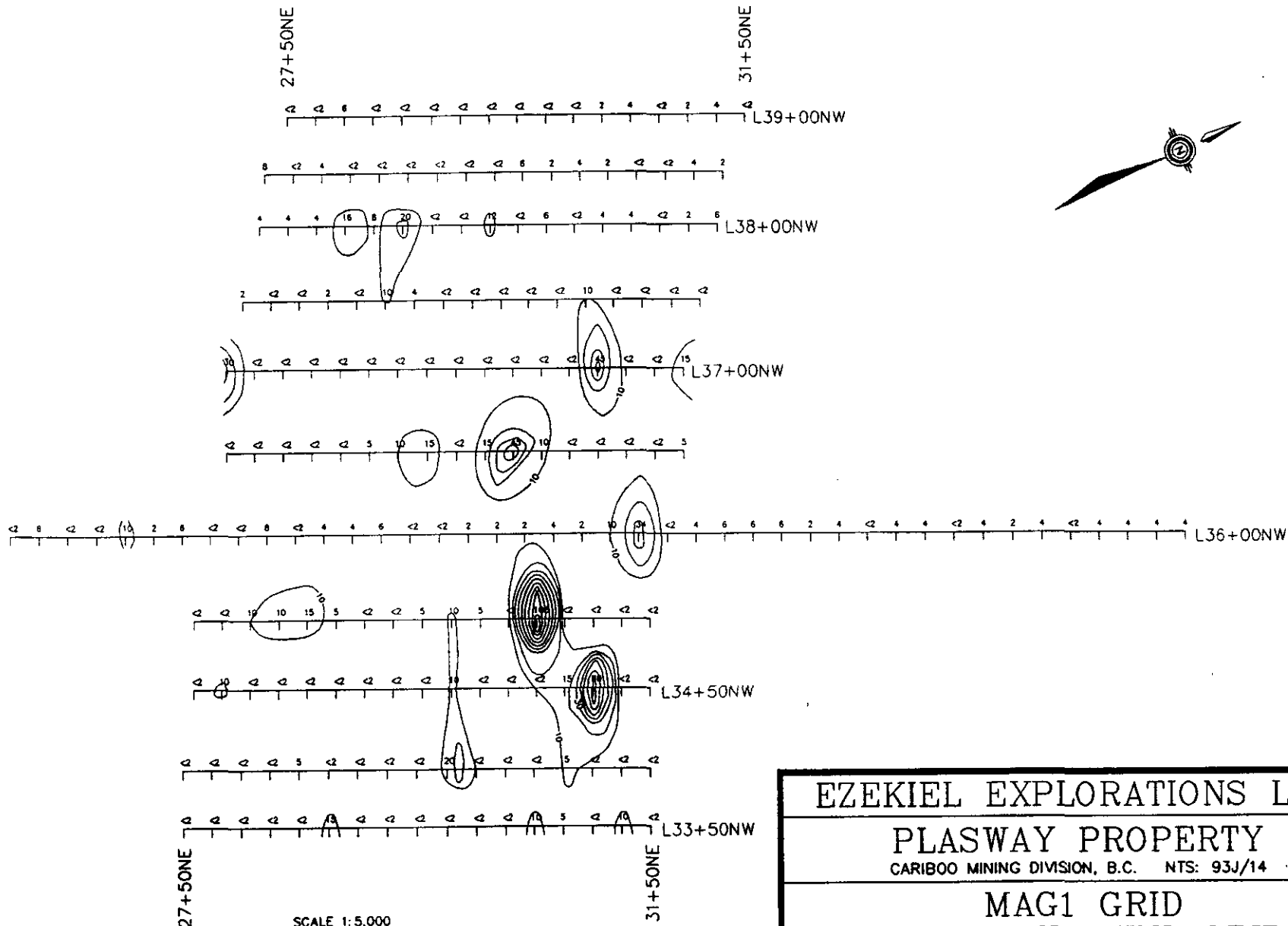
BY: L.D./p.s.
DATE: NOVEMBER, 1989

FIGURE: 9

SCALE 1:5,000



CONTOUR INTERVAL = 10ppb



CONTOUR INTERVAL = 10ppb

| | |
|---|------------|
| EZEKIEL EXPLORATIONS LTD. | |
| PLASWAY PROPERTY | |
| CARIBOO MINING DIVISION, B.C. NTS: 93J/14 | |
| MAG1 GRID | |
| EM SOUTH MINI-GRID | |
| Au CONTOUR MAP | |
| BY: L.D./p.s. | FIGURE: 20 |
| DATE: NOVEMBER, 1989 | |

Geochemical Analysis Certificate

4S-0292-SG1

Company: **P & L GEOLOGICAL SERVICES**
 Project: **MAC**
 Attn: **Linda Dandy**

Date: **OCT-13-94**

Copy 1. P & L Geological Services, Telkwa, B.C.

We hereby certify the following Geochemical Analysis of 24 soil samples submitted SEP-29-94 by Linda Dandy.

| Sample Number | Pd PPB | Pt PPB |
|------------------|--------|--------|
| LK 01 | <5 | <5 |
| LK 02 | <5 | <5 |
| LK 03 | <5 | <5 |
| L39NW 28+00NE | <5 | <5 |
| L39NW 28+25NE | <5 | <5 |
| L39NW 28+50NE | <5 | <5 |
| L39NW 28+75NE | <5 | <5 |
| L39NW 29+00NE | <5 | <5 |
| L39NW 29+25NE | <5 | <5 |
| L39+50NW 27+50NE | <5 | <5 |
| L39+50NW 27+75NE | <5 | <5 |
| L39+50NW 28+00NE | <5 | 5 |
| L39+50NW 28+25NE | <5 | <5 |
| L39+50NW 28+50NE | <5 | <5 |
| L39+50NW 28+75NE | <5 | <5 |
| L39+50NW 29+00NE | <5 | <5 |
| L39+50NW 29+25NE | <5 | <5 |
| L39+50NW 29+50NE | <5 | <5 |
| L39+50NW 29+75NE | <5 | <5 |
| L40NW 27+50NE | <5 | <5 |
| L40NW 27+75NE | <5 | <5 |
| L40NW 28+00NE | <5 | <5 |
| L40NW 28+25NE | <5 | <5 |
| L40NW 28+50NE | <5 | <5 |

Certified by _____



MIN-EN LABORATORIES



**MINERAL
ENVIRONMENTAL
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
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Geochemical Analysis Certificate

4S-0292-SG2

Company: **P & L GEOLOGICAL SERVICES**
Project: **MAC**
Attn: **Linda Dandy**

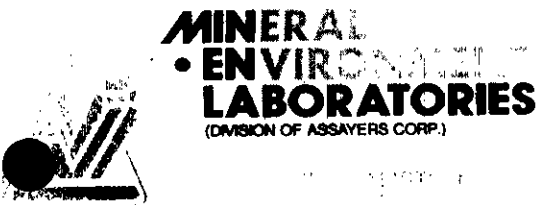
Date: **OCT-13-94**
Copy 1. P & L Geological Services, Telkwa, B.C.

We hereby certify the following Geochemical Analysis of 20 soil samples submitted SEP-29-94 by Linda Dandy.

| Sample Number | Pd PPB | P1 PPB |
|------------------|-----------|-----------|
| L40NW 28+75NE | <5 | <5 |
| L40NW 29+00NE | <5 | <5 |
| L40NW 29+25NE | <5 | <5 |
| L40NW 29+50NE | <5 | <5 |
| L40NW 29+75NE | <5 | <5 |
| L40NW 30+00NE | <5 | <5 |
| L40NW 30+25NE | <5 | <5 |
| L40NW 30+50NE | <5 | <5 |
| L40NW 30+75NE | <5 | <5 |
| L40NW 31+00NE | <5 | <5 |
| L40NW 31+25NE | <5 | <5 |
| L46+50NW 29+25NE | <5 | <5 |
| L46+50NW 29+50NE | <5 | <5 |
| L46+50NW 29+75NE | <5 | <5 |
| L47NW 29+00NE | <5 | <5 |
| L47NW 29+25NE | <5 | <5 |
| L47NW 29+50NE | <5 | <5 |
| L47NW 29+75NE | <5 | 5 |
| L47+50NW 29+50NE | <5 | 5 |
| L47+50NW 29+75NE | <5 | <5 |

Certified by 

MIN-EN LABORATORIES



VANCOUVER OFFICE:
 705 WEST 15TH STREET
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 FAX (604) 847-3005

Geochemical Analysis Certificate

4S-0325-SG1


Company: **P & L GEOLOGICAL SERVICES**
 Project: **MAC**
 Attn: **Linda Dandy**

Date: **NOV-14-94**

copy 1. P & L Geological Ser., Telkwa, B.C.

We hereby certify the following Geochemical Analysis of 19 soil samples submitted OCT-21-94 by L. Dandy.

| Sample Number | Pd PPB | Pt PPB |
|-------------------|-----------|-----------|
| L 48 NW 30+00NE | <5 | <5 |
| L 48 NW 30+25NE | <5 | <5 |
| L 48 NW 30+50NE | <5 | <5 |
| L 49+50NW 31+50NE | <5 | <5 |
| L 49+50NW 31+75NE | <5 | <5 |
| L 49+50NW 32+00NE | <5 | <5 |
| L 49+50NW 32+25NE | <5 | <5 |
| L 49+50NW 32+50NE | <5 | <5 |
| L 49+50NW 32+75NE | 5 | <5 |
| L 49+50NW 33+00NE | 5 | <5 |
| L 49+50NW 33+25NE | <5 | <5 |
| L 49+50NW 33+50NE | <5 | <5 |
| L 49+50NW 33+75NE | 8 | <5 |
| L 49+50NW 34+00NE | <5 | <5 |
| L 49+50NW 34+25NE | <5 | <5 |
| L 49+50NW 34+50NE | <5 | <5 |
| L 49+55NW 32+25NE | <5 | <5 |
| L 49+75NW 32+25NE | <5 | <5 |
| L 50NW 32+25NE | <5 | <5 |

Certified by 
 MIN-EN LABORATORIES

COMP: P & L GEOLOGICAL SERVICES
 PROJ: MAC
 ATTN: Linda Dandy

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 TEL:(604)980-5814 FAX:(604)980-9621

FILE NO: 4S-0292-SJ1+2
 DATE: 94/10/13
 • soil • (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CJ PPM | FE % | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI % | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | Au-Fire PPB |
|------------------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|------|-----|--------|------|--------|--------|------|--------|-------|--------|--------|--------|--------|------|-------|--------|--------|--------|-------|--------|-------------|
| LK 01 | .8 | .46 | 1 | 1 | 130 | .6 | 4 | 1.71 | .1 | 4 | 88 | 1.42 | .04 | 12 | .65 | 113 | 4 | .03 | 47 | 600 | 15 | 5 | 173 | 1 | .04 | 45.2 | 31 | 1 | 1 | 3 | 29 | 4 |
| LK 02 | .3 | .91 | 1 | 1 | 122 | .7 | 4 | .54 | .1 | 5 | 101 | 2.36 | .04 | 16 | .70 | 111 | 7 | .01 | 49 | 410 | 28 | 14 | 81 | 1 | .05 | 110.6 | 46 | 2 | 1 | 6 | 52 | 2 |
| LK 03 | 2.3 | .62 | 1 | 1 | 223 | .7 | 6 | 1.70 | .1 | 7 | 241 | 1.62 | .06 | 13 | 1.06 | 188 | 4 | .04 | 226 | 780 | 26 | 6 | 171 | 1 | .06 | 55.8 | 39 | 3 | 1 | 7 | 103 | 1 |
| L39NW 28+00NE | .1 | .48 | 1 | 1 | 167 | .4 | 6 | .39 | .1 | 5 | 13 | 1.60 | .10 | 11 | .35 | 772 | 1 | .01 | 19 | 580 | 21 | 9 | 72 | 1 | .08 | 51.3 | 93 | 1 | 1 | 3 | 32 | 2 |
| L39NW 28+25NE | .1 | .47 | 1 | 1 | 368 | .3 | 9 | .39 | .1 | 10 | 33 | 2.20 | .11 | 7 | .25 | 2703 | 3 | .01 | 30 | 1010 | 27 | 9 | 80 | 1 | .07 | 53.8 | 170 | 1 | 1 | 4 | 40 | 13 |
| L39NW 28+50NE | .5 | .59 | 1 | 1 | 129 | .5 | 9 | .39 | .1 | 6 | 16 | 2.27 | .11 | 15 | .42 | 386 | 3 | .01 | 20 | 840 | 19 | 11 | 76 | 3 | .09 | 65.7 | 83 | 2 | 1 | 4 | 38 | 3 |
| L39NW 28+75NE | .4 | .67 | 1 | 1 | 121 | .5 | 9 | .34 | .1 | 5 | 18 | 2.63 | .10 | 13 | .35 | 403 | 3 | .01 | 22 | 960 | 21 | 12 | 79 | 1 | .08 | 77.5 | 93 | 2 | 1 | 5 | 42 | 2 |
| L39NW 29+00NE | .4 | .62 | 1 | 1 | 136 | .4 | 9 | .36 | .1 | 5 | 15 | 2.07 | .11 | 14 | .40 | 372 | 3 | .01 | 20 | 1140 | 19 | 12 | 77 | 1 | .08 | 61.2 | 116 | 3 | 1 | 4 | 37 | 1 |
| L39NW 29+25NE | .6 | .79 | 1 | 1 | 118 | .9 | 8 | .39 | .1 | 6 | 23 | 2.63 | .09 | 15 | .49 | 357 | 3 | .01 | 36 | 2310 | 22 | 15 | 90 | 1 | .07 | 69.0 | 209 | 2 | 1 | 5 | 46 | 3 |
| L39+50NW 28+50NE | .8 | .34 | 1 | 1 | 114 | .3 | 4 | .35 | .1 | 2 | 21 | 1.34 | .08 | 5 | .12 | 158 | 1 | .01 | 14 | 320 | 12 | 6 | 54 | 1 | .05 | 46.8 | 76 | 1 | 1 | 2 | 24 | 4 |
| L39+50NW 27+75NE | .9 | 1.25 | 1 | 1 | 285 | 1.5 | 10 | .67 | .1 | 11 | 226 | 3.67 | .10 | 48 | .66 | 2473 | 7 | .02 | 150 | 770 | 41 | 22 | 134 | 1 | .07 | 80.6 | 136 | 1 | 1 | 7 | 54 | 2 |
| L39+50NW 28+00NE | .8 | .91 | 1 | 1 | 169 | .6 | 16 | .50 | .1 | 9 | 51 | 3.51 | .11 | 20 | .99 | 615 | 5 | .02 | 51 | 840 | 29 | 17 | 93 | 1 | .16 | 108.0 | 94 | 2 | 1 | 8 | 70 | 3 |
| L39+50NW 28+25NE | .7 | .87 | 1 | 1 | 170 | .8 | 9 | .35 | .1 | 7 | 26 | 3.05 | .12 | 16 | .44 | 528 | 3 | .01 | 32 | 1670 | 25 | 16 | 94 | 1 | .08 | 77.8 | 148 | 1 | 1 | 5 | 40 | 1 |
| L39+50NW 28+50NE | .4 | .82 | 1 | 1 | 117 | .6 | 9 | .32 | .1 | 5 | 19 | 2.49 | .11 | 16 | .40 | 310 | 4 | .01 | 23 | 1080 | 23 | 15 | 77 | 2 | .08 | 67.3 | 100 | 2 | 1 | 5 | 39 | 2 |
| L39+50NW 28+75NE | .4 | .68 | 1 | 1 | 85 | .4 | 7 | .29 | .1 | 5 | 14 | 2.15 | .07 | 14 | .33 | 431 | 3 | .01 | 19 | 760 | 22 | 13 | 61 | 2 | .07 | 57.8 | 73 | 2 | 1 | 4 | 33 | 1 |
| L39+50NW 29+00NE | .7 | .59 | 1 | 1 | 85 | .5 | 8 | .32 | .1 | 5 | 12 | 2.29 | .10 | 15 | .36 | 198 | 3 | .01 | 21 | 780 | 20 | 11 | 71 | 3 | .08 | 73.2 | 119 | 3 | 1 | 4 | 32 | 3 |
| L39+50NW 29+25NE | .7 | .60 | 1 | 1 | 71 | .5 | 7 | .36 | .1 | 4 | 12 | 1.87 | .05 | 9 | .33 | 388 | 3 | .01 | 25 | 570 | 17 | 11 | 70 | 1 | .07 | 72.7 | 161 | 2 | 1 | 4 | 34 | 4 |
| L39+50NW 29+50NE | .1 | .55 | 1 | 1 | 127 | .4 | 7 | .36 | .1 | 5 | 18 | 2.19 | .06 | 5 | .21 | 1040 | 3 | .01 | 20 | 870 | 20 | 8 | 67 | 1 | .07 | 67.4 | 130 | 1 | 1 | 3 | 25 | 6 |
| L39+50NW 29+75NE | .1 | .57 | 1 | 1 | 136 | .3 | 7 | .30 | .1 | 5 | 14 | 2.31 | .08 | 8 | .30 | 1840 | 3 | .01 | 22 | 950 | 21 | 11 | 64 | 1 | .07 | 64.3 | 102 | 1 | 1 | 4 | 29 | 7 |
| L40NW 27+50NE | .4 | .59 | 1 | 1 | 182 | .6 | 7 | .42 | .1 | 7 | 24 | 2.51 | .10 | 15 | .38 | 1114 | 3 | .01 | 30 | 1340 | 22 | 12 | 84 | 1 | .06 | 64.3 | 180 | 1 | 1 | 4 | 36 | 6 |
| L40NW 27+75NE | .1 | .82 | 1 | 1 | 160 | .8 | 9 | .41 | .1 | 7 | 25 | 2.75 | .11 | 17 | .49 | 1093 | 3 | .01 | 33 | 2070 | 25 | 16 | 99 | 2 | .07 | 70.6 | 245 | 1 | 1 | 5 | 42 | 5 |
| L40NW 28+00NE | .1 | .85 | 1 | 1 | 302 | .7 | 10 | .41 | .1 | 12 | 34 | 2.83 | .12 | 12 | .45 | 3593 | 3 | .01 | 42 | 1630 | 32 | 15 | 92 | 1 | .08 | 73.2 | 212 | 1 | 1 | 5 | 42 | 3 |
| L40NW 28+25NE | .4 | .99 | 1 | 1 | 235 | .8 | 13 | .40 | .1 | 9 | 31 | 3.18 | .10 | 19 | .83 | 641 | 4 | .01 | 34 | 730 | 31 | 17 | 116 | 2 | .12 | 88.7 | 150 | 3 | 1 | 6 | 46 | 10 |
| L40NW 28+50NE | .3 | .91 | 1 | 1 | 160 | .8 | 9 | .36 | .1 | 7 | 33 | 3.02 | .08 | 26 | .58 | 621 | 5 | .01 | 36 | 670 | 29 | 17 | 86 | 3 | .09 | 81.3 | 125 | 2 | 1 | 6 | 49 | 3 |
| L40NW 28+75NE | .5 | .61 | 1 | 1 | 76 | .4 | 7 | .26 | .1 | 5 | 16 | 2.16 | .06 | 16 | .42 | 204 | 3 | .01 | 23 | 540 | 19 | 11 | 60 | 5 | .08 | 61.9 | 67 | 4 | 1 | 5 | 30 | 3 |
| L40NW 29+00NE | .1 | .94 | 1 | 1 | 184 | .9 | 8 | .34 | .1 | 11 | 45 | 3.37 | .10 | 18 | .48 | 1349 | 3 | .01 | 41 | 1710 | 29 | 18 | 97 | 1 | .08 | 83.8 | 242 | 1 | 1 | 6 | 47 | 7 |
| L40NW 29+25NE | .9 | .77 | 1 | 1 | 153 | .5 | 8 | .35 | .1 | 7 | 25 | 2.54 | .11 | 14 | .59 | 584 | 3 | .02 | 38 | 1120 | 25 | 16 | 78 | 3 | .08 | 64.9 | 92 | 2 | 1 | 6 | 46 | 3 |
| L40NW 29+50NE | .1 | .44 | 1 | 1 | 154 | .3 | 8 | .39 | .1 | 7 | 14 | 1.89 | .10 | 9 | .29 | 1165 | 3 | .01 | 21 | 720 | 22 | 9 | 70 | 3 | .07 | 51.8 | 132 | 1 | 1 | 4 | 32 | 2 |
| L40NW 29+75NE | .2 | .62 | 1 | 1 | 166 | .6 | 6 | .35 | .1 | 6 | 13 | 2.35 | .15 | 17 | .38 | 850 | 3 | .01 | 24 | 950 | 23 | 13 | 79 | 2 | .05 | 59.0 | 197 | 2 | 1 | 5 | 37 | 1 |
| L40NW 30+00NE | .2 | .94 | 1 | 1 | 161 | .9 | 7 | .24 | .1 | 4 | 16 | 1.95 | .19 | 23 | .86 | 405 | 4 | .01 | 21 | 850 | 29 | 20 | 62 | 4 | .05 | 50.1 | 186 | 8 | 1 | 5 | 33 | 3 |
| L40NW 30+25NE | .1 | .68 | 1 | 1 | 355 | .7 | 9 | .39 | .1 | 10 | 23 | 2.77 | .17 | 15 | .65 | 4297 | 5 | .01 | 59 | 960 | 40 | 17 | 74 | 1 | .07 | 70.6 | 197 | 1 | 1 | 8 | 87 | 1 |
| L40NW 30+50NE | 3.6 | .63 | 1 | 1 | 226 | .6 | 8 | .27 | .1 | 7 | 23 | 2.42 | .11 | 12 | .37 | 3178 | 3 | .01 | 37 | 800 | 29 | 11 | 66 | 1 | .07 | 63.1 | 160 | 1 | 1 | 5 | 36 | 7 |
| L40NW 30+75NE | .1 | .68 | 1 | 1 | 180 | .7 | 11 | .24 | .1 | 10 | 31 | 2.67 | .11 | 16 | .66 | 2063 | 3 | .01 | 42 | 910 | 29 | 13 | 66 | 2 | .09 | 80.3 | 139 | 1 | 1 | 6 | 44 | 13 |
| L40NW 31+00NE | .1 | .46 | 1 | 1 | 187 | .5 | 6 | .26 | .1 | 6 | 27 | 2.42 | .08 | 10 | .24 | 2073 | 4 | .01 | 30 | 960 | 19 | 7 | 59 | 1 | .07 | 62.6 | 74 | 1 | 1 | 4 | 32 | 6 |
| L40NW 31+25NE | .1 | .46 | 1 | 1 | 124 | .7 | 6 | .29 | .1 | 6 | 34 | 3.19 | .08 | 7 | .27 | 703 | 4 | .01 | 34 | 1180 | 20 | 11 | 62 | 1 | .05 | 82.3 | 118 | 1 | 1 | 5 | 45 | 4 |
| L46+50NW 29+25NE | 1.3 | .28 | 1 | 1 | 344 | .5 | 3 | .62 | .1 | 3 | 47 | 1.93 | .09 | 2 | .16 | 1407 | 2 | .01 | 30 | 1680 | 18 | 4 | 99 | 1 | .03 | 56.3 | 100 | 1 | 1 | 3 | 33 | 7 |
| L46+50NW 29+50NE | .1 | .28 | 1 | 1 | 203 | .4 | 4 | .55 | .1 | 3 | 36 | 1.75 | .10 | 3 | .12 | 493 | 5 | .01 | 22 | 980 | 10 | 4 | 78 | 1 | .05 | 59.8 | 75 | 1 | 1 | 3 | 30 | 10 |
| L46+50NW 29+75NE | .9 | .65 | 1 | 1 | 90 | .8 | 7 | .29 | .1 | 6 | 31 | 2.64 | .07 | 15 | .48 | 344 | 4 | .01 | 27 | 1320 | 21 | 12 | 71 | 4 | .07 | 70.2 | 125 | 2 | 1 | 5 | 46 | 6 |
| L47NW 29+00NE | 2.9 | .26 | 1 | 1 | 650 | .8 | 3 | .68 | .1 | 6 | 96 | 3.08 | .07 | 1 | .16 | 2287 | 4 | .01 | 62 | 1980 | 20 | 4 | 108 | 1 | .02 | 54.5 | 179 | 1 | 1 | 3 | 35 | 5 |
| L47NW 29+25NE | .5 | .15 | 1 | 1 | 84 | .3 | 2 | 2.47 | .1 | 2 | 48 | .60 | .03 | 4 | .35 | 991 | 6 | .01 | 30 | 1390 | 13 | 5 | 318 | 1 | .01 | 16.8 | 27 | 1 | 1 | 2 | 21 | 5 |
| L47NW 29+50NE | .4 | .51 | 1 | 1 | 125 | .3 | 7 | .34 | .1 | 4 | 17 | 1.85 | .07 | 9 | .36 | 393 | 3 | .01 | 19 | 600 | 15 | 10 | 65 | 3 | .07 | 63.2 | 65 | 2 | 1 | 4 | 35 | 3 |
| L47NW 29+75NE | 1.1 | 1.56 | 1 | 1 | 283 | 1.5 | 11 | .63 | .1 | 12 | 97 | 4.33 | .16 | 36 | .82 | 2963 | 9 | .01 | 94 | 1080 | 49 | 29 | 157 | 3 | .07 | 101.8 | 124 | 1 | 1 | 10 | 84 | 4 |
| L47+50NW 29+50NE | 1.5 | 1.16 | 1 | 1 | 178 | 1.0 | 12 | .40 | .1 | 8 | 44 | 3.88 | .08 | 23 | .93 | 536 | 5 | .01 | 39 | 750 | 34 | 24 | 91 | 5 | | | | | | | | |

COMP: P & L GEOLOGICAL SERVICES
 PROJ: MAC
 ATTN: Linda Dandy

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 TEL:(604)980-5814 FAX:(604)980-9621

FILE NO: 4S-0325-SJ1
 DATE: 94/11/14
 * soil * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CU PPM | FE % | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI % | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | Au-Fire PPB |
|-------------------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|------|-----|--------|------|--------|--------|------|--------|-------|--------|--------|--------|--------|------|-------|--------|--------|--------|-------|--------|-------------|
| L 48 NW 30+00NE | .4 | .71 | 1 | 1 | 156 | 1.2 | 7 | .31 | .1 | 7 | 37 | 3.35 | .06 | 20 | .46 | 420 | 5 | .01 | 32 | 700 | 22 | 16 | 67 | 1 | .06 | 92.3 | 90 | 1 | 1 | 6 | 60 | 1 |
| L 48 NW 30+25NE | .1 | .81 | 1 | 1 | 155 | 1.8 | 8 | .26 | .1 | 10 | 52 | 4.42 | .08 | 22 | .57 | 783 | 2 | .01 | 49 | 1390 | 26 | 20 | 63 | 1 | .06 | 103.1 | 153 | 1 | 1 | 6 | 63 | 30 |
| L 48 NW 30+50NE | .4 | .82 | 1 | 1 | 115 | 1.6 | 9 | .24 | .1 | 8 | 35 | 4.18 | .09 | 23 | .63 | 537 | 3 | .01 | 37 | 1410 | 29 | 21 | 65 | 2 | .07 | 94.1 | 119 | 1 | 1 | 6 | 53 | 1 |
| L 49+50NW 31+50NE | .8 | .53 | 1 | 1 | 117 | .8 | 7 | .32 | .1 | 6 | 19 | 1.96 | .09 | 15 | .47 | 485 | 1 | .01 | 23 | 1100 | 14 | 14 | 63 | 2 | .07 | 53.6 | 139 | 3 | 1 | 5 | 41 | 2 |
| L 49+50NW 31+75NE | .1 | .74 | 1 | 1 | 183 | 2.3 | 7 | .31 | .1 | 11 | 103 | 5.76 | .13 | 25 | .26 | 1475 | 10 | .01 | 86 | 1070 | 23 | 27 | 67 | 1 | .01 | 137.0 | 270 | 1 | 1 | 7 | 74 | 4 |
| L 49+50NW 32+00NE | .9 | .71 | 1 | 1 | 108 | 1.1 | 9 | .30 | .1 | 6 | 24 | 2.80 | .08 | 19 | .56 | 295 | 4 | .01 | 25 | 970 | 19 | 16 | 68 | 3 | .09 | 78.3 | 197 | 2 | 1 | 5 | 48 | 2 |
| L 49+50NW 32+25NE | .1 | .57 | 1 | 1 | 234 | 1.1 | 9 | .31 | .1 | 8 | 46 | 3.48 | .09 | 11 | .43 | 1323 | 2 | .01 | 33 | 1110 | 18 | 12 | 75 | 1 | .08 | 93.3 | 148 | 1 | 1 | 5 | 54 | 1 |
| L 49+50NW 32+50NE | .6 | .79 | 1 | 1 | 139 | 1.6 | 9 | .30 | .1 | 7 | 48 | 4.26 | .09 | 18 | .59 | 409 | 5 | .01 | 43 | 2840 | 23 | 19 | 73 | 1 | .07 | 100.7 | 124 | 1 | 1 | 7 | 73 | 33 |
| L 49+50NW 32+75NE | .2 | .66 | 1 | 1 | 161 | 1.0 | 9 | .48 | .1 | 8 | 56 | 3.11 | .09 | 20 | .40 | 975 | 7 | .01 | 46 | 980 | 21 | 15 | 97 | 1 | .08 | 98.8 | 124 | 1 | 1 | 6 | 55 | 1 |
| L 49+50NW 33+00NE | .9 | .61 | 1 | 1 | 107 | 1.1 | 8 | .40 | .1 | 7 | 100 | 3.07 | .07 | 18 | .35 | 391 | 5 | .01 | 58 | 830 | 19 | 14 | 82 | 1 | .07 | 87.7 | 91 | 1 | 1 | 5 | 54 | 1 |
| L 49+50NW 33+25NE | .6 | .68 | 1 | 1 | 108 | 1.4 | 9 | .26 | .1 | 7 | 49 | 3.32 | .06 | 15 | .43 | 396 | 5 | .01 | 36 | 780 | 18 | 16 | 66 | 1 | .07 | 98.1 | 72 | 1 | 1 | 6 | 67 | 8 |
| L 49+50NW 33+50NE | .3 | .46 | 1 | 1 | 96 | 1.0 | 7 | .23 | .1 | 5 | 32 | 3.10 | .09 | 8 | .36 | 380 | 5 | .01 | 26 | 1220 | 12 | 10 | 62 | 1 | .07 | 92.8 | 73 | 1 | 1 | 5 | 56 | 3 |
| L 49+50NW 33+75NE | .3 | .81 | 1 | 1 | 168 | 1.6 | 10 | .49 | .1 | 12 | 145 | 4.28 | .11 | 20 | .87 | 690 | 4 | .01 | 60 | 2520 | 25 | 19 | 123 | 1 | .08 | 116.0 | 108 | 1 | 1 | 8 | 80 | 1 |
| L 49+50NW 34+00NE | .1 | 1.19 | 1 | 1 | 145 | 1.5 | 8 | .40 | .1 | 11 | 46 | 3.92 | .07 | 26 | .51 | 805 | 6 | .01 | 47 | 1800 | 31 | 27 | 93 | 1 | .05 | 87.1 | 128 | 1 | 1 | 7 | 60 | 13 |
| L 49+50NW 34+25NE | .8 | .61 | 1 | 1 | 156 | 1.4 | 10 | .58 | .1 | 13 | 488 | 3.28 | .10 | 15 | .80 | 855 | 3 | .02 | 86 | 1370 | 19 | 15 | 130 | 3 | .07 | 77.8 | 86 | 1 | 1 | 7 | 71 | 12 |
| L 49+50NW 34+50NE | 1.4 | 1.15 | 1 | 1 | 416 | 2.1 | 9 | 1.50 | .1 | 12 | 203 | 3.98 | .12 | 20 | .86 | 2674 | 11 | .01 | 125 | 2710 | 41 | 28 | 264 | 1 | .03 | 105.6 | 217 | 1 | 1 | 9 | 102 | 10 |
| L 49+55NW 32+25NE | .1 | .84 | 1 | 1 | 167 | 2.8 | 7 | .16 | .1 | 8 | 79 | 6.33 | .07 | 14 | .30 | 948 | 6 | .01 | 74 | 1670 | 20 | 27 | 51 | 2 | .01 | 132.5 | 237 | 1 | 1 | 7 | 69 | 4 |
| L 49+75NW 32+25NE | 1.1 | .75 | 1 | 1 | 203 | 1.3 | 8 | .31 | .1 | 6 | 34 | 3.04 | .11 | 23 | .64 | 309 | 3 | .01 | 40 | 3060 | 22 | 18 | 77 | 3 | .07 | 70.3 | 116 | 1 | 1 | 6 | 53 | 5 |
| L 50NW 32+25NE | .2 | .75 | 1 | 1 | 157 | 1.4 | 9 | .26 | .1 | 8 | 63 | 3.54 | .09 | 17 | .61 | 712 | 6 | .01 | 54 | 1200 | 25 | 18 | 60 | 3 | .08 | 94.7 | 313 | 1 | 1 | 6 | 56 | 10 |



**MINERAL
ENVIRONMENTS
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(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • METALLURGISTS

VANCOUVER OFFICE:

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SMITHERS LAB.:

3178 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

4S-0291-RG2

Company: **P & L GEOLOGICAL SERVICES**
Project: **MAC**
Attn: **Linda Dandy**

Date: **OCT-13-94**

Copy 1. P & L Geological Services, Telkwa, B.C.

We hereby certify the following Geochemical Analysis of 3 rock samples submitted SEP-29-94 by Linda Dandy.

| Sample Number | Pd PPB | Pt PPB |
|------------------|-----------|-----------|
| ROCK 24 | <5 | 6 |
| BC 1 | <5 | <5 |
| BC 2 | <5 | <5 |

Certified by _____

MIN-EN LABORATORIES



**MINERAL
ENVIRONMENTS
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENT

VANCOUVER OFFICE:

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SMITHERS LAB.:

3178 TATLOW ROAD
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FAX (604) 847-3005

Geochemical Analysis Certificate

4S-0329-RG1

Company: **P & L GEOLOGICAL SERVICES**
Project: **MAC**
Attn: **PERRY GRUNENBERG**

Date: **NOV-14-94**

Copy 1. P & L Geological Ser., Telkwa, B.C.

We hereby certify the following Geochemical Analysis of 23 rock samples submitted OCT-24-94 by P. grunenbert.

| Sample Number | Pd PPB | Pt PPB |
|---------------|-----------|-----------|
| ROCK 25 | <5 | <5 |
| ROCK 26 | <5 | <5 |
| ROCK 27 | <5 | <5 |
| ROCK 28 | <5 | <5 |
| ROCK 29 | <5 | <5 |
| ROCK 30 | <5 | <5 |
| ROCK 31 | <5 | <5 |
| ROCK 32 | <5 | <5 |
| ROCK 33 | <5 | <5 |
| ROCK 34 | 5 | <5 |
| ROCK 35 | <5 | 5 |
| ROCK 36 | <5 | <5 |
| ROCK 37 | <5 | <5 |
| MAC RD 1 | 7 | 8 |
| MAC RD 2 | 5 | <5 |
| MAC RD 3 | 8 | 8 |
| MAC RD 4 | 16 | <5 |
| MAC RD 5 | 5 | 5 |
| RD DES 1 | <5 | <5 |
| RD DES 2 | 7 | <5 |
| RD DES 3 | <5 | <5 |
| RD DES 4 | 5 | <5 |
| RD DES 5 | <5 | 5 |

Certified by _____

MIN-EN LABORATORIES

COMP: P & L GEOLOGICAL SERVICES
 PROJ: MAC
 ATTN: Linda Dandy

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 TEL:(604)980-5814 FAX:(604)980-9621

FILE NO: 4S-0291-RJ1+2
 DATE: 94/10/13
 * rock * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CJ PPM | FE % | K % | LI PPM | HG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI % | V PPM | ZN PPM | GA PPM | SH PPM | W PPM | CR PPM | Au-Fire PPB |
|---------------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|------|-----|--------|------|--------|--------|------|--------|-------|--------|--------|--------|--------|------|-------|--------|--------|--------|-------|--------|-------------|
| ROCK 1 | 1.0 | 1.03 | 1 | 1 | 83 | .7 | 14 | .80 | .1 | 7 | 53 | 3.09 | .29 | 16 | 2.90 | 512 | 4 | .06 | 43 | 980 | 20 | 17 | 78 | 1 | .18 | 73.7 | 60 | 1 | 1 | 15 | 237 | 2 |
| ROCK 2 | .1 | .15 | 1 | 1 | 95 | .2 | 2 | .10 | .1 | 1 | 39 | .79 | .09 | 2 | .04 | 117 | 2 | .01 | 12 | 380 | 6 | 3 | 13 | 1 | .01 | 26.8 | 47 | 1 | 1 | 11 | 209 | 7 |
| ROCK 3 | 2.3 | 1.76 | 1 | 1 | 676 | 1.4 | 26 | 1.59 | .1 | 17 | 132 | 6.17 | .25 | 24 | 2.74 | 923 | 3 | .02 | 37 | 1620 | 36 | 33 | 89 | 1 | .31 | 246.4 | 67 | 1 | 1 | 11 | 61 | 5 |
| ROCK 4 | .2 | .66 | 1 | 1 | 272 | .7 | 6 | .24 | .1 | 4 | 19 | 1.70 | .27 | 9 | .80 | 447 | 5 | .03 | 22 | 590 | 27 | 15 | 61 | 3 | .04 | 52.9 | 43 | 7 | 1 | 16 | 270 | 3 |
| ROCK 5 | 3.4 | .91 | 1 | 1 | 137 | .6 | 31 | 1.71 | .1 | 19 | 184 | 5.39 | .19 | 7 | 1.88 | 408 | 2 | .17 | 56 | 1290 | 18 | 15 | 173 | 1 | .39 | 276.0 | 43 | 1 | 1 | 14 | 137 | 3 |
| ROCK 6 | 1.6 | .34 | 1 | 1 | 107 | .4 | 9 | .52 | .1 | 4 | 127 | 1.67 | .08 | 4 | .39 | 75 | 8 | .02 | 34 | 770 | 16 | 5 | 37 | 3 | .09 | 59.8 | 25 | 5 | 1 | 12 | 215 | 3 |
| ROCK 7 | 1.1 | .38 | 1348 | 1 | 118 | 2.0 | 9 | 3.38 | .1 | 51 | 498 | 6.04 | .04 | 2 | 3.38 | 1316 | 1 | .01 | 195 | 260 | 23 | 8 | 259 | 1 | .01 | 300.3 | 77 | 1 | 1 | 20 | 315 | 1 |
| ROCK 8 | 1.8 | .66 | 1 | 1 | 150 | .6 | 15 | 1.38 | .1 | 6 | 83 | 2.25 | .11 | 4 | .40 | 316 | 2 | .05 | 13 | 930 | 16 | 12 | 426 | 1 | .18 | 47.0 | 27 | 5 | 1 | 7 | 81 | 2 |
| ROCK 9 | 2.7 | .41 | 234 | 1 | 125 | .8 | 6 | 2.30 | .1 | 5 | 113 | 1.56 | .06 | 4 | 1.21 | 361 | 6 | .01 | 34 | 710 | 19 | 8 | 237 | 1 | .06 | 43.8 | 39 | 10 | 1 | 10 | 150 | 5 |
| ROCK 10 | 2.0 | .64 | 1 | 1 | 177 | .4 | 21 | 1.27 | .1 | 12 | 117 | 3.17 | .14 | 6 | .89 | 286 | 2 | .03 | 44 | 1450 | 17 | 8 | 164 | 1 | .27 | 105.6 | 38 | 3 | 1 | 7 | 77 | 3 |
| ROCK 11 | 2.4 | .77 | 1 | 1 | 124 | .5 | 21 | 1.53 | .1 | 14 | 134 | 2.95 | .10 | 12 | 1.14 | 249 | 6 | .07 | 78 | 1290 | 22 | 12 | 201 | 1 | .26 | 92.1 | 52 | 6 | 1 | 13 | 184 | 2 |
| ROCK 12 | .1 | 1.53 | 1 | 1 | 126 | 1.0 | 6 | .23 | .1 | 8 | 46 | 2.88 | .27 | 22 | 1.60 | 1089 | 5 | .01 | 29 | 950 | 42 | 32 | 59 | 2 | .01 | 96.0 | 60 | 5 | 1 | 11 | 124 | 1 |
| ROCK 13 | 2.0 | .91 | 1 | 1 | 119 | .4 | 24 | 1.12 | .1 | 13 | 41 | 3.97 | .20 | 9 | 1.58 | 508 | 2 | .09 | 39 | 900 | 23 | 15 | 92 | 1 | .31 | 135.0 | 54 | 2 | 1 | 12 | 133 | 3 |
| ROCK 14 | 2.1 | 1.04 | 1 | 1 | 211 | .8 | 15 | 1.62 | .1 | 9 | 63 | 3.10 | .20 | 8 | .81 | 446 | 5 | .04 | 47 | 1090 | 27 | 19 | 299 | 1 | .17 | 113.8 | 143 | 5 | 1 | 11 | 136 | 8 |
| ROCK 15 | .1 | .09 | 468 | 1 | 20 | .1 | 2 | .08 | .1 | 1 | 8 | .63 | .02 | 2 | .19 | 110 | 4 | .01 | 9 | 140 | 9 | 2 | 12 | 1 | .01 | 6.7 | 18 | 4 | 1 | 17 | 324 | 5 |
| ROCK 16 | 2.1 | .66 | 1 | 1 | 209 | .4 | 14 | .68 | .1 | 5 | 50 | 1.99 | .41 | 19 | .98 | 265 | 6 | .04 | 20 | 900 | 25 | 12 | 137 | 2 | .18 | 105.9 | 55 | 5 | 1 | 13 | 185 | 10 |
| ROCK 17 | .9 | .39 | 1 | 1 | 178 | .6 | 3 | .12 | .1 | 3 | 27 | 1.82 | .20 | 5 | .08 | 147 | 7 | .01 | 26 | 730 | 14 | 10 | 54 | 2 | .01 | 60.8 | 53 | 1 | 1 | 13 | 231 | 12 |
| ROCK 18 | 1.7 | .73 | 1 | 1 | 289 | .7 | 14 | .72 | .1 | 7 | 53 | 2.54 | .26 | 8 | .92 | 395 | 5 | .07 | 35 | 1320 | 24 | 14 | 158 | 1 | .15 | 86.5 | 51 | 6 | 1 | 11 | 150 | 3 |
| ROCK 19 | 1.8 | .56 | 1 | 1 | 45 | .4 | 10 | 1.41 | .1 | 5 | 101 | 1.66 | .06 | 1 | .15 | 109 | 16 | .01 | 38 | 1140 | 13 | 10 | 126 | 1 | .10 | 85.4 | 45 | 1 | 1 | 16 | 270 | 15 |
| ROCK 20 A | 1.6 | .59 | 131 | 1 | 382 | .7 | 10 | 1.32 | .1 | 10 | 114 | 2.24 | .08 | 8 | .58 | 647 | 6 | .02 | 113 | 1020 | 20 | 16 | 208 | 1 | .09 | 64.0 | 114 | 5 | 1 | 20 | 348 | 18 |
| ROCK 20 B | 2.7 | .85 | 1 | 1 | 158 | .2 | 29 | 1.23 | .1 | 12 | 22 | 3.94 | .23 | 9 | 1.76 | 562 | 2 | .06 | 35 | 1120 | 20 | 12 | 93 | 1 | .40 | 158.3 | 73 | 3 | 1 | 13 | 154 | 2 |
| ROCK 21 | .1 | 1.26 | 1 | 1 | 406 | 1.8 | 6 | .18 | .1 | 4 | 16 | 2.63 | .68 | 19 | 1.45 | 905 | 6 | .01 | 22 | 700 | 42 | 27 | 68 | 8 | .02 | 47.2 | 72 | 8 | 1 | 10 | 128 | 1 |
| ROCK 22 | .2 | .67 | 1 | 1 | 227 | .7 | 7 | .23 | .1 | 4 | 19 | 1.70 | .43 | 12 | 1.03 | 350 | 4 | .02 | 18 | 700 | 23 | 12 | 43 | 2 | .07 | 59.2 | 49 | 6 | 1 | 10 | 138 | 5 |
| ROCK 23 | .1 | .67 | 1 | 1 | 554 | 1.0 | 8 | .74 | .1 | 6 | 50 | 2.27 | .24 | 8 | .64 | 1866 | 4 | .01 | 54 | 660 | 32 | 20 | 80 | 5 | .04 | 48.6 | 91 | 2 | 1 | 12 | 192 | 8 |
| ROCK 24 | 4.4 | .61 | 1 | 1 | 87 | .3 | 32 | 1.59 | .1 | 16 | 373 | 4.38 | .13 | 3 | 1.80 | 331 | 3 | .18 | 25 | 310 | 16 | 9 | 92 | 1 | .41 | 291.7 | 24 | 1 | 1 | 11 | 76 | 5 |
| BC 1 | 1.0 | .82 | 1 | 1 | 190 | .8 | 9 | 1.27 | .1 | 8 | 50 | 2.57 | .20 | 16 | .91 | 360 | 6 | .05 | 41 | 1090 | 31 | 16 | 130 | 4 | .10 | 72.2 | 71 | 5 | 1 | 8 | 99 | 8 |
| BC 2 | 1.0 | .73 | 1 | 1 | 142 | .7 | 10 | 1.56 | .1 | 7 | 46 | 2.27 | .16 | 12 | 1.07 | 440 | 4 | .05 | 31 | 870 | 24 | 14 | 125 | 1 | .10 | 74.6 | 47 | 5 | 1 | 10 | 144 | 10 |

COMP: P & L GEOLOGICAL SERVICES
 PROJ: MAC
 ATTN: PERRY GRUNENBERG

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 TEL: (604)980-5814 FAX: (604)980-9621

FILE NO: 4S-0329-RJ1
 DATE: 94/11/07
 * rock * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL % | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA % | CD PPM | CO PPM | CU PPM | FE % | K % | LI PPM | MG % | MN PPM | MO PPM | NA % | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | TI % | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | Au-Fire PPB |
|---------------|--------|------|--------|-------|--------|--------|--------|------|--------|--------|--------|------|-----|--------|------|--------|--------|------|--------|-------|--------|--------|--------|--------|------|-------|--------|--------|--------|-------|--------|-------------|
| ROCK 25 | 1.7 | .90 | 67 | 1 | 193 | 1.0 | 15 | 1.06 | .1 | 16 | 43 | 3.98 | .10 | 37 | 3.13 | 627 | 1 | .11 | 75 | 1390 | 13 | 9 | 130 | 1 | .25 | 122.0 | 48 | 1 | 1 | 13 | 214 | 4 |
| ROCK 26 | 1.8 | 1.03 | 1 | 1 | 239 | 1.2 | 18 | 1.08 | .1 | 15 | 71 | 5.08 | .05 | 26 | 2.20 | 812 | 2 | .03 | 32 | 1730 | 13 | 13 | 353 | 1 | .28 | 143.7 | 65 | 1 | 1 | 9 | 100 | 7 |
| ROCK 27 | .7 | .36 | 864 | 1 | 42 | 1.3 | 6 | .91 | .1 | 20 | 6 | 3.48 | .05 | 5 | 5.05 | 801 | 1 | .13 | 184 | 390 | 2 | 1 | 54 | 1 | .08 | 44.6 | 56 | 1 | 1 | 17 | 371 | 1 |
| ROCK 28 | 2.3 | .86 | 1 | 1 | 346 | .9 | 17 | 1.12 | .1 | 12 | 70 | 3.34 | .19 | 9 | 1.15 | 373 | 2 | .02 | 37 | 1510 | 20 | 11 | 321 | 1 | .28 | 119.1 | 49 | 3 | 1 | 9 | 94 | 3 |
| ROCK 29 | 1.9 | .57 | 1 | 1 | 281 | .7 | 17 | 1.14 | .1 | 14 | 230 | 3.76 | .04 | 11 | 1.20 | 808 | 1 | .03 | 32 | 2010 | 15 | 7 | 227 | 1 | .27 | 101.6 | 85 | 1 | 1 | 7 | 66 | 5 |
| ROCK 30 | 1.6 | .21 | 188 | 1 | 146 | .3 | 11 | 1.09 | .1 | 8 | 28 | 1.88 | .02 | 2 | .88 | 640 | 2 | .02 | 37 | 1620 | 9 | 3 | 231 | 1 | .17 | 58.6 | 58 | 2 | 1 | 6 | 82 | 2 |
| ROCK 31 | .1 | .42 | 1 | 1 | 263 | .6 | 2 | .37 | .1 | 5 | 28 | 1.58 | .18 | 5 | .08 | 593 | 4 | .01 | 18 | 1690 | 16 | 7 | 57 | 2 | .01 | 53.6 | 60 | 1 | 1 | 13 | 254 | 1 |
| ROCK 32 | .5 | .21 | 1 | 1 | 229 | .5 | 2 | .21 | .1 | 4 | 59 | 1.17 | .07 | 3 | .07 | 364 | 2 | .01 | 27 | 550 | 9 | 3 | 111 | 1 | .01 | 43.7 | 65 | 1 | 1 | 7 | 136 | 9 |
| ROCK 33 | 3.1 | 1.14 | 1 | 1 | 453 | 1.3 | 22 | 2.62 | .1 | 13 | 140 | 6.64 | .25 | 8 | 1.96 | 501 | 1 | .23 | 24 | 5320 | 24 | 16 | 597 | 1 | .35 | 325.2 | 49 | 1 | 1 | 10 | 57 | 10 |
| ROCK 34 | 1.9 | .80 | 1 | 1 | 164 | .6 | 12 | 2.56 | .1 | 9 | 5 | 2.47 | .02 | 8 | 1.18 | 581 | 4 | .01 | 41 | 1900 | 19 | 12 | 3027 | 1 | .18 | 65.6 | 84 | 8 | 1 | 7 | 83 | 1 |
| ROCK 35 | .1 | .54 | 1 | 1 | 201 | 1.8 | 6 | .38 | .1 | 8 | 123 | 5.43 | .12 | 5 | .12 | 3166 | 4 | .01 | 48 | 2470 | 23 | 15 | 92 | 1 | .01 | 150.0 | 119 | 1 | 1 | 9 | 115 | 8 |
| ROCK 36 | 4.3 | 1.32 | 1 | 1 | 410 | 1.3 | 34 | 2.88 | .1 | 20 | 149 | 8.25 | .36 | 6 | 2.94 | 806 | 1 | .43 | 29 | 4350 | 15 | 19 | 527 | 1 | .53 | 386.5 | 71 | 1 | 1 | 11 | 44 | 10 |
| ROCK 37 | 1.2 | .68 | 1 | 1 | 374 | 1.1 | 10 | 1.10 | .1 | 12 | 84 | 3.21 | .12 | 7 | .85 | 1015 | 9 | .03 | 45 | 2490 | 21 | 11 | 288 | 2 | .12 | 127.8 | 174 | 1 | 1 | 8 | 92 | 4 |
| MAC RD 1 | 3.0 | .49 | 34 | 1 | 156 | .8 | 14 | 1.72 | .1 | 22 | 348 | 3.03 | .09 | 2 | .70 | 181 | 5 | .04 | 55 | 2730 | 19 | 8 | 273 | 1 | .18 | 82.8 | 24 | 7 | 1 | 6 | 57 | 12 |
| MAC RD 2 | 3.6 | .27 | 47 | 1 | 61 | .7 | 15 | 1.02 | .1 | 15 | 122 | 3.86 | .04 | 2 | .14 | 58 | 2 | .02 | 49 | 1670 | 8 | 3 | 234 | 1 | .21 | 40.8 | 11 | 2 | 1 | 4 | 62 | 7 |
| MAC RD 3 | 2.8 | .45 | 46 | 1 | 201 | .9 | 17 | 1.08 | .1 | 33 | 408 | 4.03 | .10 | 4 | 1.11 | 227 | 2 | .08 | 62 | 510 | 11 | 5 | 122 | 1 | .27 | 142.4 | 30 | 3 | 1 | 6 | 48 | 1 |
| MAC RD 4 | 1.8 | .36 | 465 | 1 | 65 | 1.2 | 8 | 1.38 | .1 | 32 | 429 | 3.73 | .06 | 5 | 2.09 | 464 | 2 | .05 | 126 | 510 | 18 | 5 | 63 | 1 | .08 | 91.1 | 64 | 3 | 1 | 11 | 172 | 2 |
| MAC RD 5 | .1 | .23 | 977 | 1 | 83 | 2.0 | 8 | 4.31 | .1 | 21 | 199 | 5.59 | .06 | 8 | 4.12 | 2713 | 8 | .01 | 110 | 780 | 18 | 7 | 301 | 1 | .01 | 232.7 | 109 | 1 | 1 | 7 | 90 | 2 |
| RD DES 1 | .6 | .23 | 360 | 1 | 49 | .8 | 4 | 3.15 | .1 | 4 | 32 | 1.97 | .05 | 5 | 1.23 | 962 | 4 | .01 | 19 | 170 | 16 | 7 | 124 | 1 | .01 | 49.9 | 25 | 3 | 1 | 8 | 142 | 1 |
| RD DES 2 | 1.4 | .30 | 427 | 1 | 48 | 1.1 | 11 | .94 | .1 | 63 | 346 | 4.55 | .03 | 3 | 1.90 | 300 | 1 | .03 | 104 | 260 | 12 | 3 | 26 | 1 | .11 | 102.2 | 21 | 2 | 1 | 8 | 106 | 1 |
| RD DES 3 | .3 | .24 | 1 | 1 | 378 | .8 | 1 | .28 | .1 | 3 | 10 | 1.67 | .20 | 4 | .04 | 174 | 4 | .01 | 9 | 1100 | 23 | 10 | 51 | 25 | .01 | 3.9 | 40 | 1 | 1 | 3 | 67 | 8 |
| RD DES 4 | .1 | .27 | 878 | 1 | 144 | 3.0 | 9 | 4.15 | .1 | 31 | 224 | 7.98 | .04 | 1 | 2.25 | 1938 | 1 | .01 | 101 | 1630 | 28 | 7 | 154 | 1 | .01 | 321.3 | 98 | 1 | 1 | 15 | 199 | 2 |
| RD DES 5 | .9 | .22 | 511 | 1 | 94 | 1.6 | 6 | 4.05 | .1 | 19 | 34 | 5.15 | .20 | 1 | .82 | 786 | 1 | .02 | 178 | 1150 | 12 | 5 | 314 | 6 | .01 | 16.9 | 110 | 2 | 1 | 4 | 61 | 2 |



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers

212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: P & L GEOLOGICAL SERVICES

S4, C20, RR #1
TELKWA, BC
V0J 2X0

A9517939

Comments: ATTN: PERRY B. GRUNENBERG CC: LINDA DANDY

CERTIFICATE

A9517939

(MRV) - P & L GEOLOGICAL SERVICES

Project:
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 31-MAY-95.

SAMPLE PREPARATION

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION |
|-------------|----------------|---------------------------------|
| 205 | 8 | Geochem ring to approx 150 mesh |
| 226 | 8 | 0-3 Kg crush and split |
| 3204 | 8 | Save 1 Kg reject for 90 days |
| 214 | 6 | Rcvd as pulp; mesh size checked |

ANALYTICAL PROCEDURES

| CHEMEX CODE | NUMBER SAMPLES | DESCRIPTION | METHOD | DETECTION LIMIT | UPPER LIMIT |
|-------------|----------------|----------------------------------|------------|-----------------|-------------|
| 975 | 14 | Au ppb: ICP-fluorescence package | FA-ICP-AFS | 2 | 10000 |
| 976 | 14 | Pt ppb: ICP-Fluorescence package | FA-ICP-AFS | 5 | 10000 |
| 977 | 14 | Pd ppb: ICP-fluorescence package | FA-ICP-AFS | 2 | 10000 |



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Analytical Chemists * Geochemists * Registered Assayers
212 Brooksbank Ave., North Vancouver
British Columbia, Canada V7J 2C1
PHONE: 604-984-0221 FAX: 604-984-0218

To: P & L GEOLOGICAL SERVICES

S4, C20, RR #1
TELKWA, BC
V0J 2X0

Page Number : 1
Total Pages : 1
Certificate Date: 31-MAY-95
Invoice No. : I9517939
P.O. Number :
Account : MRV

Project :

Comments: ATTN: PERRY B. GRUNENBERG CC: LINDA DANDY

CERTIFICATE OF ANALYSIS

A9517939

| SAMPLE | PREP CODE | Au ppb AFS | Pt ppb AFS | Pd ppb AFS | | | | | | | |
|------------------|-----------|------------|------------|------------|--|--|--|--|--|--|--|
| ROCK 1 | 214 -- | < 2 | 5 | 4 | | | | | | | |
| ROCK 5 | 214 -- | < 2 | 5 | 6 | | | | | | | |
| ROCK 6 | 214 -- | < 2 | < 5 | 10 | | | | | | | |
| ROCK 7 | 214 -- | < 2 | 10 | 20 | | | | | | | |
| L39NW 29+00NE | 214 -- | < 2 | < 5 | < 2 | | | | | | | |
| L47NW 29+50NE | 214 -- | < 2 | < 5 | < 2 | | | | | | | |
| ROCK 30 | 205 226 | < 2 | 955 | 98 | | | | | | | |
| MAC RD 1 | 205 226 | < 2 | 25 | 18 | | | | | | | |
| MAC RD 2 | 205 226 | < 2 | < 5 | 6 | | | | | | | |
| MAC RD 3 | 205 226 | < 2 | 15 | 18 | | | | | | | |
| MAC RD 4 | 205 226 | < 2 | 90 | 100 | | | | | | | |
| L49+50NW 32+23NE | 205 226 | < 2 | 155 | 48 | | | | | | | |
| L49+50NW 32+50NE | 205 226 | < 2 | < 5 | 2 | | | | | | | |
| L49+50NW 33+75NE | 205 226 | < 2 | 5 | 10 | | | | | | | |

CERTIFICATION:

Yhai D Ma



Province of
British Columbia

Ministry of Employment
and Investment
Energy and Minerals Division
GEOLOGICAL SURVEY BRANCH

Fifth Floor 1810 Blanchard Street
Victoria, British Columbia
V8V 1X4
Telephone (804) 952-0383
Fax (804) 952-0381



Date: 1996 May 06

File No. 24500-03-AME

Direct enquiries to G. McArthur (952-0384)

Dandy, Linda
C20, S4, RR #1
Telkwa BC
V0J 2X0

Dear Sir/Madam:

Re: Assessment Report Number 24200
Mineral Claim(s) Worked On Mac 1-8
Statement Number(s) 3075886

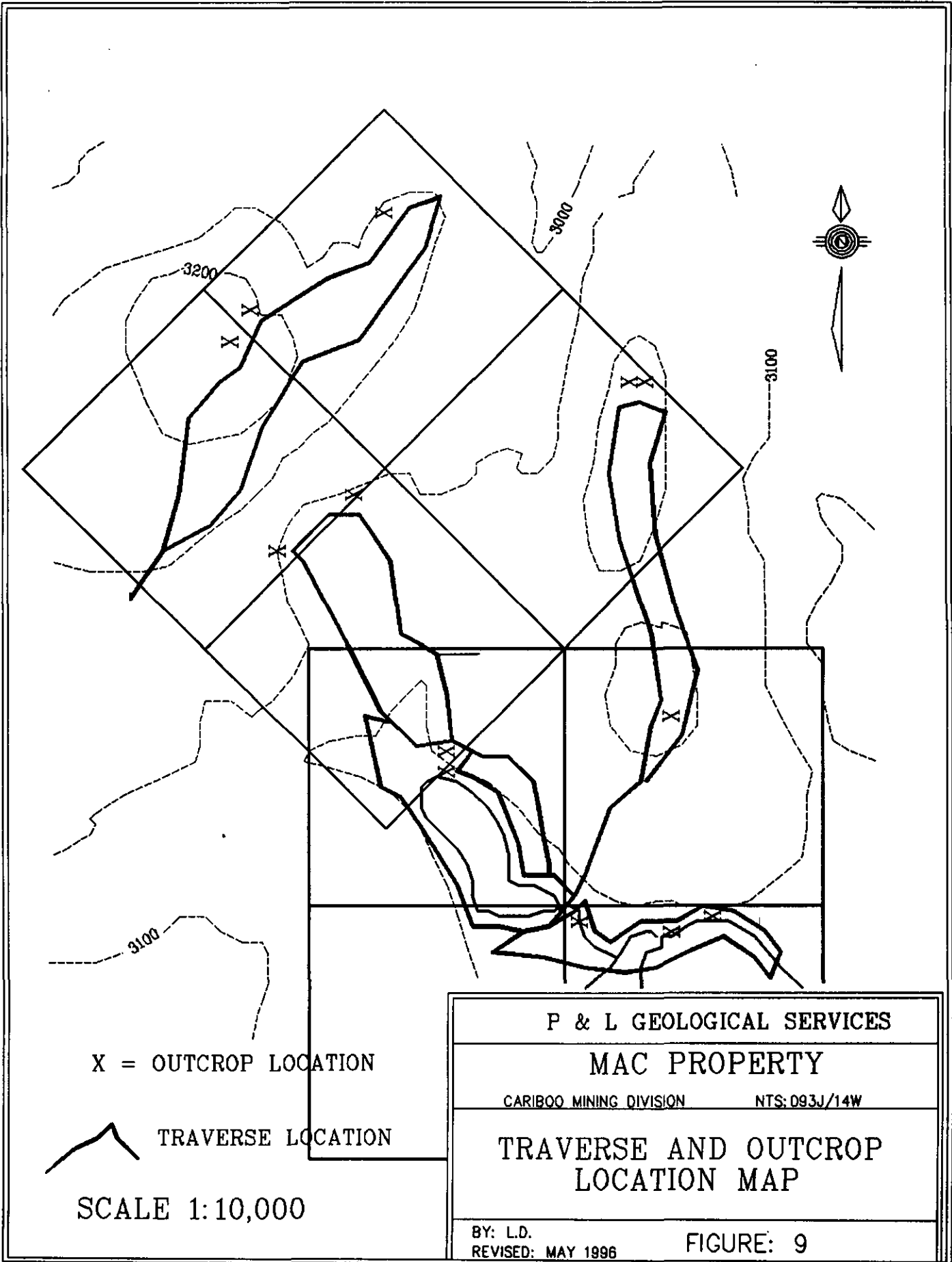
We have received the above noted report(s); however, the report contravenes the Mineral Tenure Act Regulations and before it can be approved, we require the following amendments in duplicate:

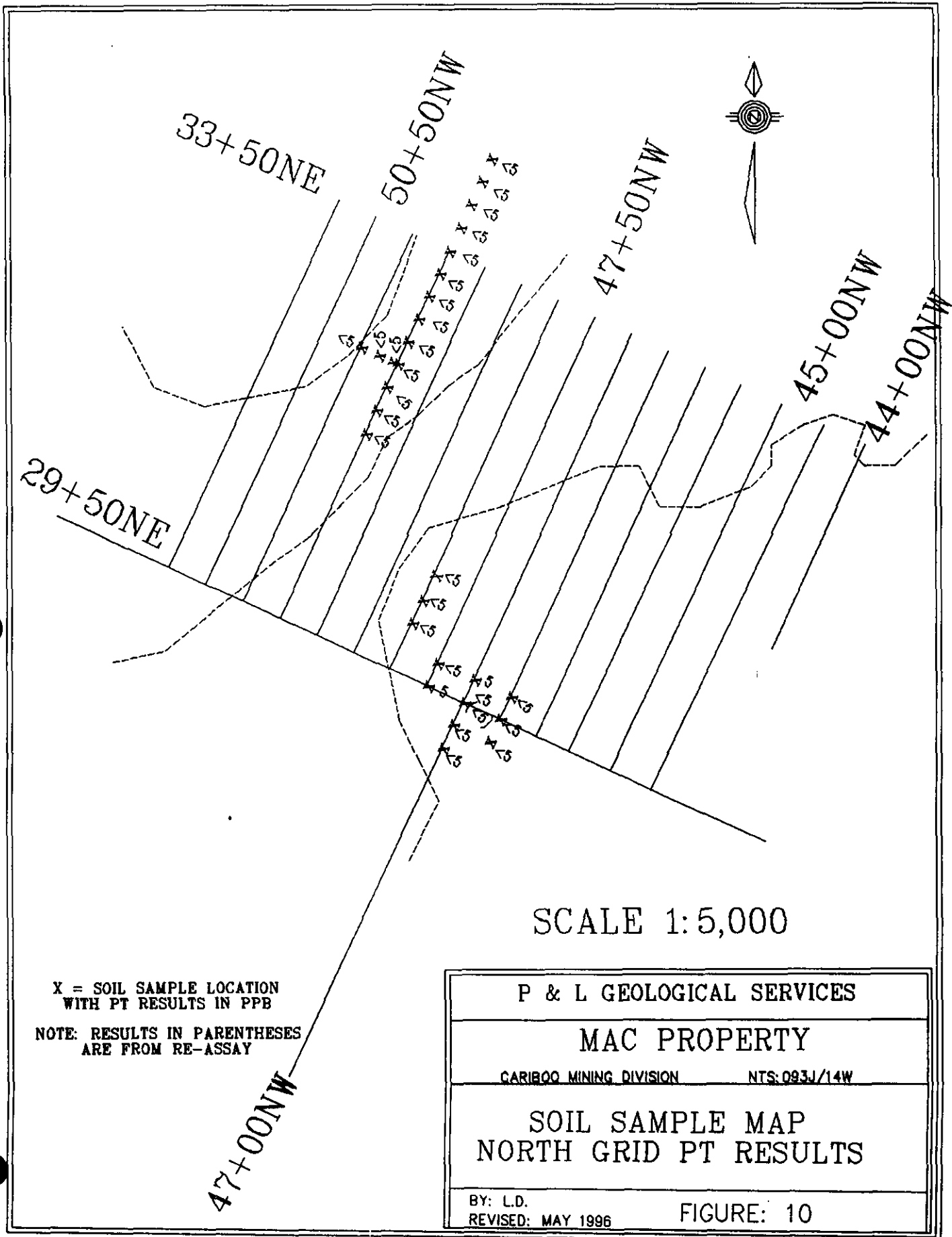
Current geochemical results must be plotted including assay results from both labs; prospecting results must be plotted on maps showing traverses, outcrops visited etc; report must be signed by the author.

We are returning the report(s) for amendment within sixty days of the date of this letter. When you return the report(s), please attach one copy of this letter. No further extensions or reminders will be issued.

Yours truly

Gilbert McArthur, M.Sc., P.Geo.
Manager, Geoscience Information Section
Geological Survey Branch
for Chief Gold Commissioner





33+50NE
50+50NW

47+50NW

45+00NW

44+00NW

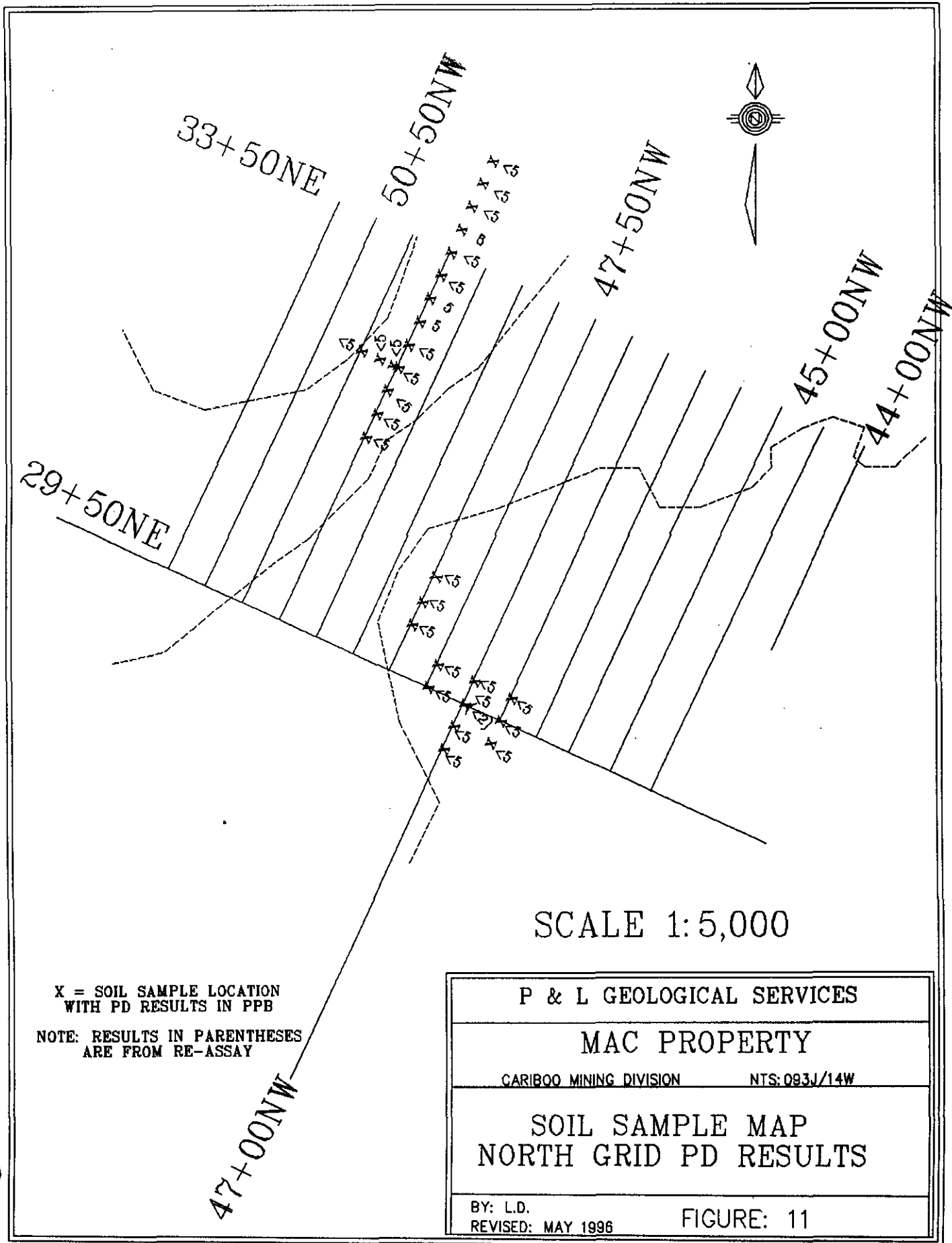
29+50NE

47+00NW

SCALE 1:5,000

X = SOIL SAMPLE LOCATION
WITH PT RESULTS IN PPB
NOTE: RESULTS IN PARENTHESES
ARE FROM RE-ASSAY

| | |
|--|--------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS:093J/14W |
| SOIL SAMPLE MAP NORTH GRID PT RESULTS | |
| BY: L.D. REVISED: MAY 1996 | FIGURE: 10 |



33+50NE

50+50NW

47+50NW

45+00NW

44+00NW

29+50NE

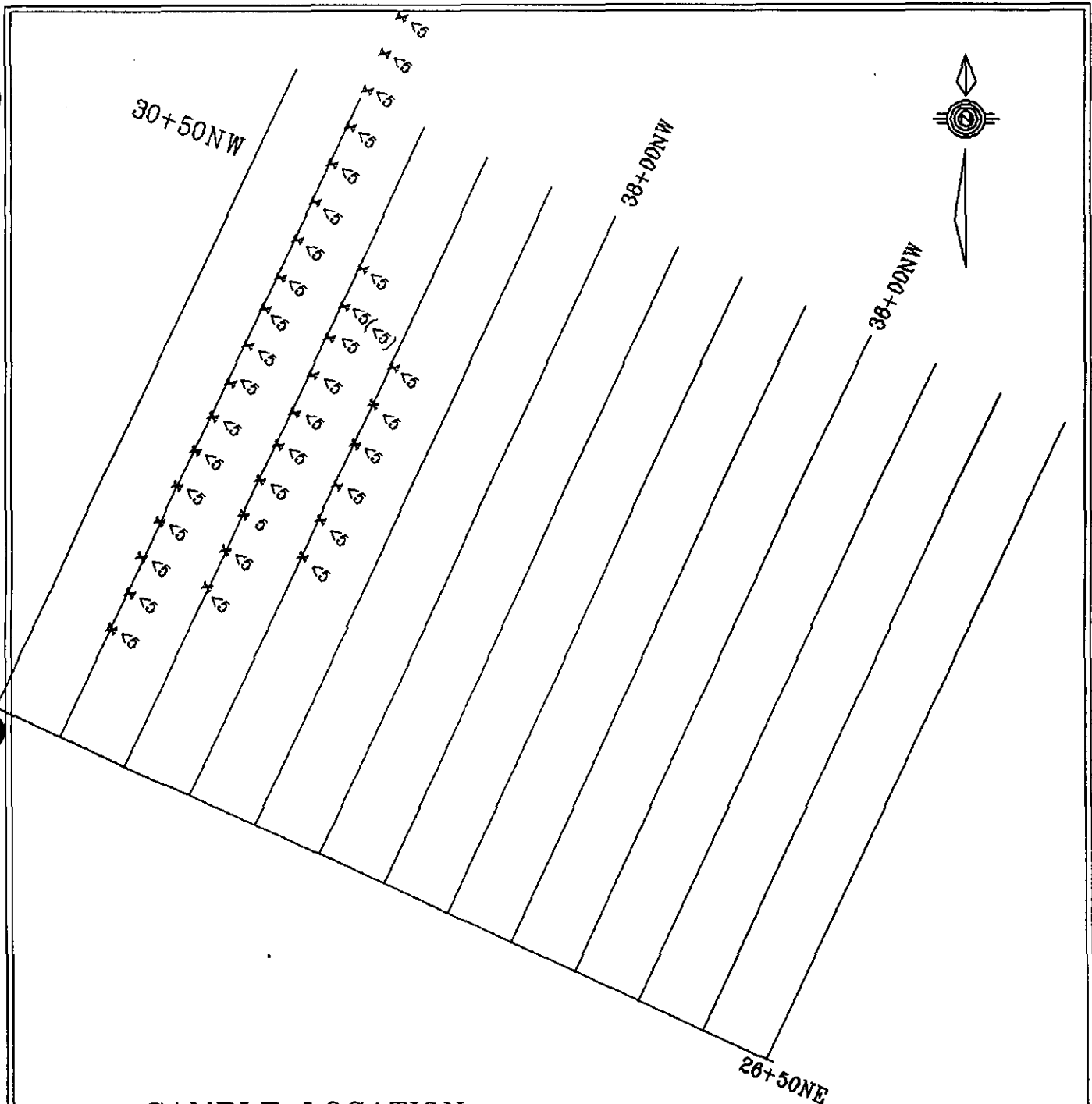
47+00NW



SCALE 1:5,000

X = SOIL SAMPLE LOCATION
WITH PD RESULTS IN PPB
NOTE: RESULTS IN PARENTHESES
ARE FROM RE-ASSAY

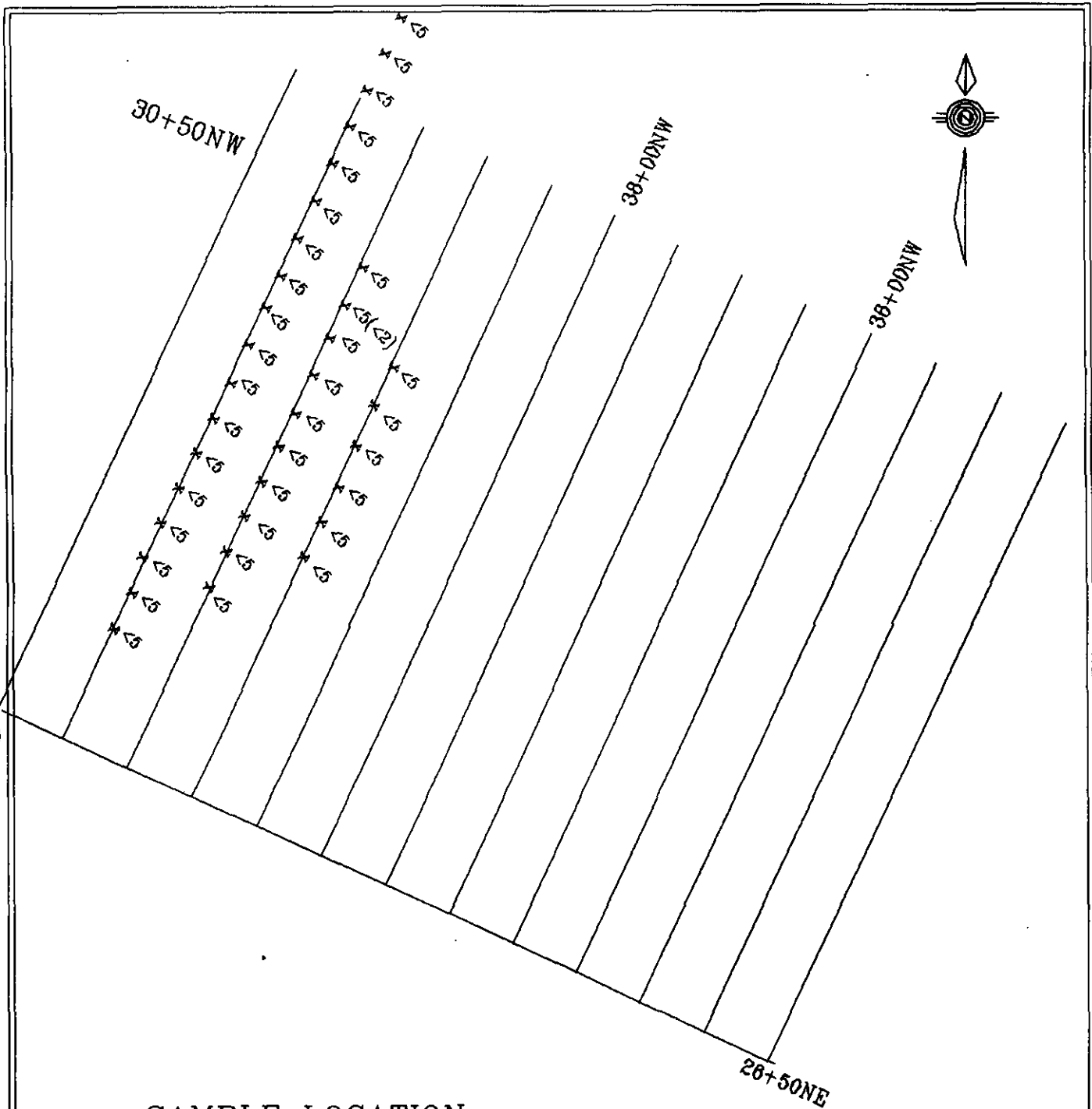
| | |
|--|---------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 093J/14W |
| SOIL SAMPLE MAP NORTH GRID PD RESULTS | |
| BY: L.D. REVISED: MAY 1996 | FIGURE: 11 |



x = SAMPLE LOCATION
 WITH PT VALUES IN PPB
 NUMBERS IN PARENTHESES
 ARE RE-ANALYSES

SCALE 1:4,000

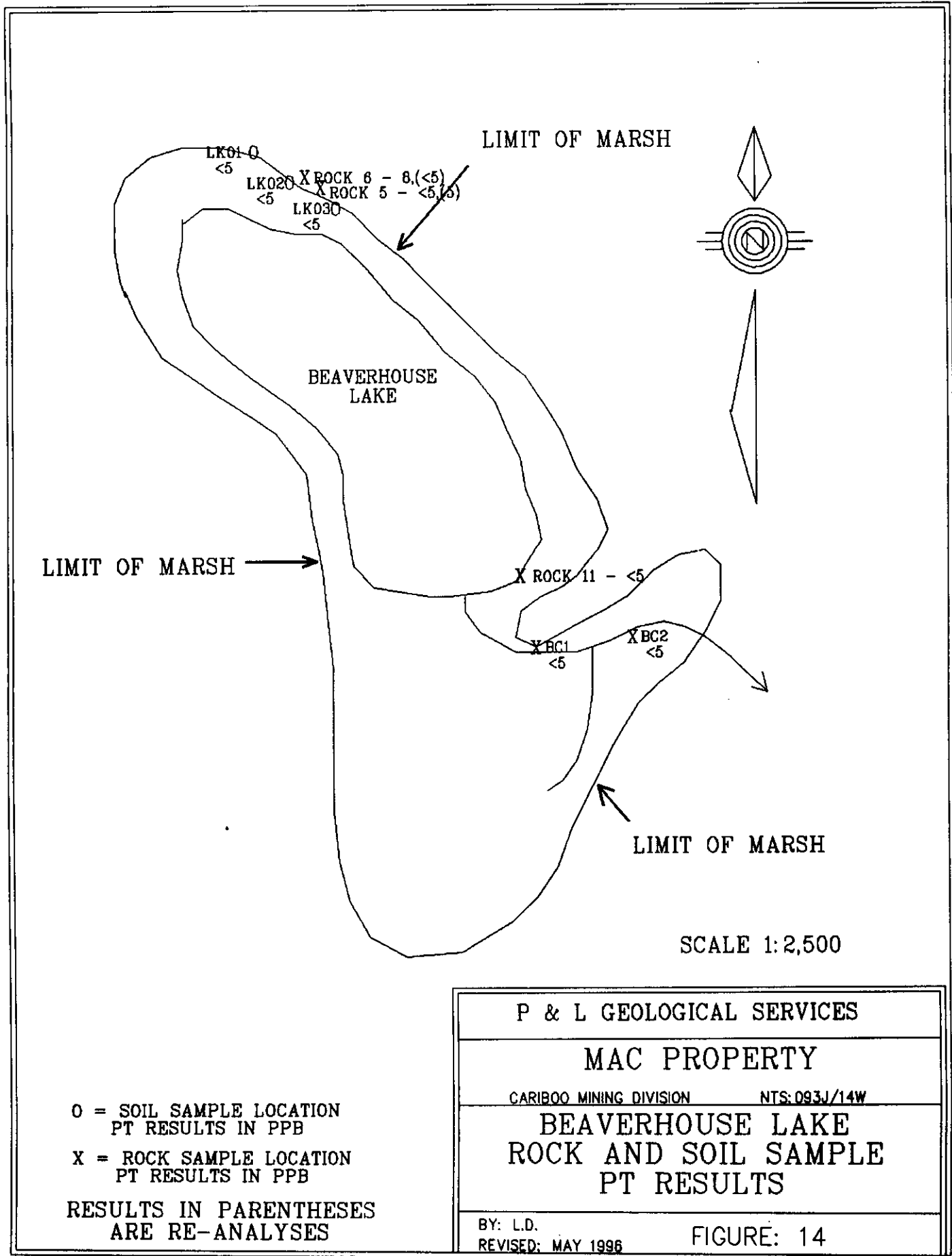
| | |
|--|--------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS:093J/14W |
| SAMPLE LOCATION MAP SOUTH GRID PT RESULTS | |
| BY: L.D. REVISED: MAY 1996 | FIGURE: 12 |

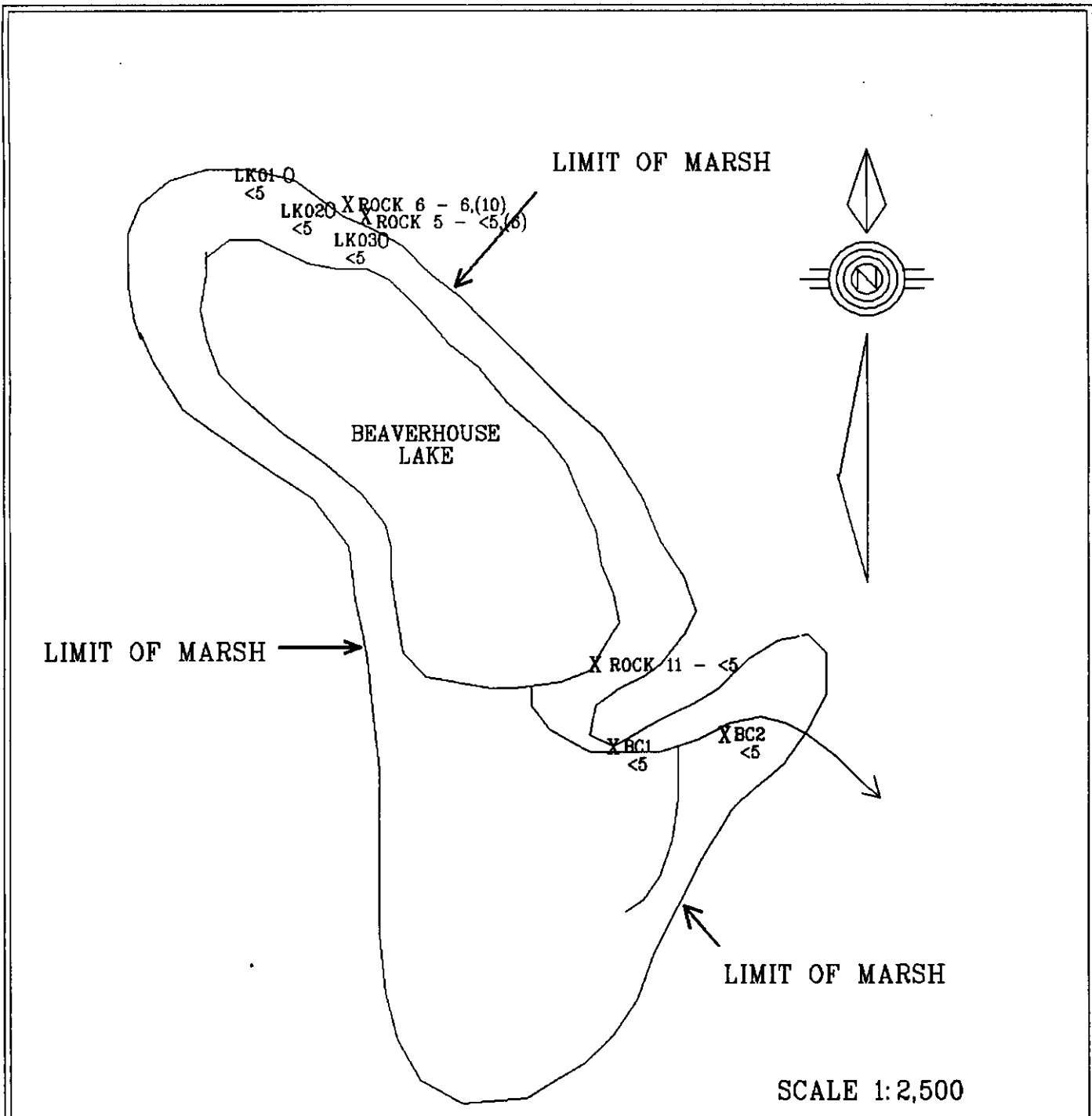


x = SAMPLE LOCATION
 WITH PD VALUES IN PPB
 NUMBERS IN PARENTHESES
 ARE RE-ANALYSES

SCALE 1: 4,000

| | |
|--|---------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 093J/14W |
| SAMPLE LOCATION MAP SOUTH GRID PD RESULTS | |
| BY: L.D. REVISED: MAY 1996 | FIGURE: 13 |





O = SOIL SAMPLE LOCATION
 PD RESULTS IN PPB
 X = ROCK SAMPLE LOCATION
 PD RESULTS IN PPB
 RESULTS IN PARENTHESES
 ARE RE-ANALYSES

| | |
|--|---------------|
| P & L GEOLOGICAL SERVICES | |
| MAC PROPERTY | |
| CARIBOO MINING DIVISION | NTS: 093J/14W |
| BEAVERHOUSE LAKE ROCK AND SOIL SAMPLE PD RESULTS | |
| BY: L.D. REVISED: MAY 1996 | FIGURE: 15 |