BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1994/95
REPORT #:	PAP 94-47
NAME:	LINDA DANDY

MCLEOD RIVER NORTH PROSPECTING PROGRAM

FINAL SUBMITTAL

CONTENTS

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area
- Refer to Program Requirements/Regulations, section 15, 16 and 17
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT

Name LINDA DANDY Reference Number 94-95-P145

LOCATION/COMMODITIES

Project Area (as listed in Part A.) MACLEOD RIVER NORTH Minfile No. if applicable _____

Location of Project Area NTS 093J/14W Lat 54° 57′ Long 123° 12′

Description of Location and Access The property is located approx. 20 km south of Mackenzie, B.C. and access is currently via helicopter. New logging roads come within 2 km of the newly acquired claims, and bisect the belt of mineralized rocks, however, these roads do not yet have bridges so are unpassable.

Main Commodities Searched For MARL, PT + PD

Known Mineral Occurrences in Project Area - none previously identified as Minfile occurrences, however, assessment work previously done gave Pt values in rocks up to 0.01 oz/T and in soils of >900 ppb.

WORK PERFORMED

1. Conventional Prospecting (area) detailed prospecting - area approx 4 km x 2 km
2. Geological Mapping (hectares/scale) done while prospecting - scale 1:10,000
3. Geochemical (type and no. of samples) # rock = ~~##~~ 50 soil = ~~##~~ 63 marl = 12
4. Geophysical (type and line km) N/A
5. Physical Work (type and amount) HAND PITS + TRENCHES / 15 PITS ~~##~~ 3 TRENCHES
6. Drilling (no. holes, size, depth in m, total m) N/A
7. Other (specify) N/A

SIGNIFICANT RESULTS (if any)

Commodities _____ Claim Name _____

Location (show on map) Lat _____ Long _____ Elevation _____

Best assay/sample type _____

Description of mineralization, host rocks, anomalies _____

Supporting data must be submitted with this TECHNICAL REPORT.

DESCRIPTION OF FIGURES

FIGURE 1 - Location Map - shows project location in central B.C. between Prince George and Mackenzie.

FIGURE 2 - Claim Map - shows the eight 2-post claims staked during the course of the project. This map delineates roughly the prospecting area covered in this program, from McLeod River in the south to Des Creek in the north. The unfinished new logging access road is also drawn on this map. Samples numbered MAC RD were collected from road cuts and samples numbered RD DES were collected where the road crosses Des Creek.

FIGURE 3 - 1989 Grid Location Map - the grid old grid lines could be located in most places and were used as a basis for soil sampling and prospecting, where prior Pt and Pd soil anomalies were located.

FIGURES 4 and 5 - Sample Location Map, North and South Grids - the X's mark soil sample sites along the 1989 grid lines. Where sampled these stations were reflagged. Rock samples were also collected wherever possible from previously anomalous soil sample locations. The rock sample sites can be identified by looking on the Rock Sample Table, where location is recorded by grid coordinates. Where rock samples were collected from soil holes, soil samples were also taken. For soil and rock sample analyses see the attached Min En Labs Anaylses Certificates.

FIGURE 6 - Beaverhouse Lake Sample Location Map - shows sample locations around the border of Beaverhouse Lake, which appears to be the focal point for both marl and Pt/Pd mineralization. The samples collected include both rock and soil, and also recorded are locations where marl was located by probe, but was too wet to allow for sampling.

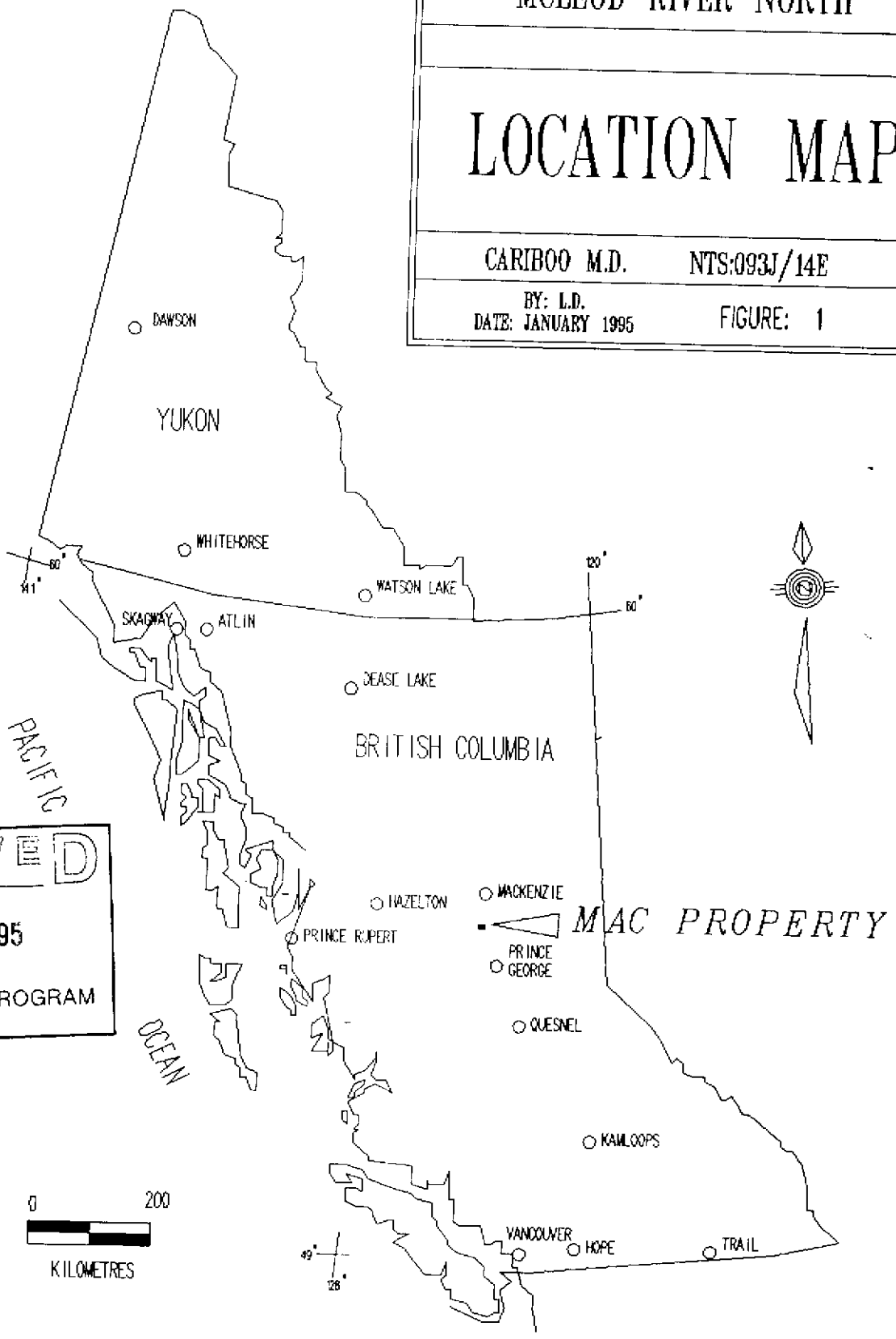
FIGURE 7 - Marl Sample Location Map - is a blow up of the marshy region immediately south of Beaverhouse Lake. The fly camp was located at the edge of this marsh. Marl sample sites are located, and of available CaO and neutralizing potential can be found in the Min En Labs Analyses Certificates. Only 12 samples were sent for analysis as the procedure is very expensive and the samples appeared to be fairly uniform. Site marked on the map by an X, indicated marl was located at a depth of less than 3 metres, and sites marked by an 0 indicate that marl was not located at less than 3 metres. Moving from the edge of the marsh toward the centre, the peat/humus overlying the marl bed becomes thicker, but it can be assumed that the marl unit underlays the entire marshy area. As well, the marl unit appears to thicken as it gets farther away from the marsh margins. We were unable to dig or probe to depths greater than 3 metres without the aid of machinery. At this time I feel the marl potential in this area is not economical, but is geologically very interesting.

MCLEOD RIVER NORTH

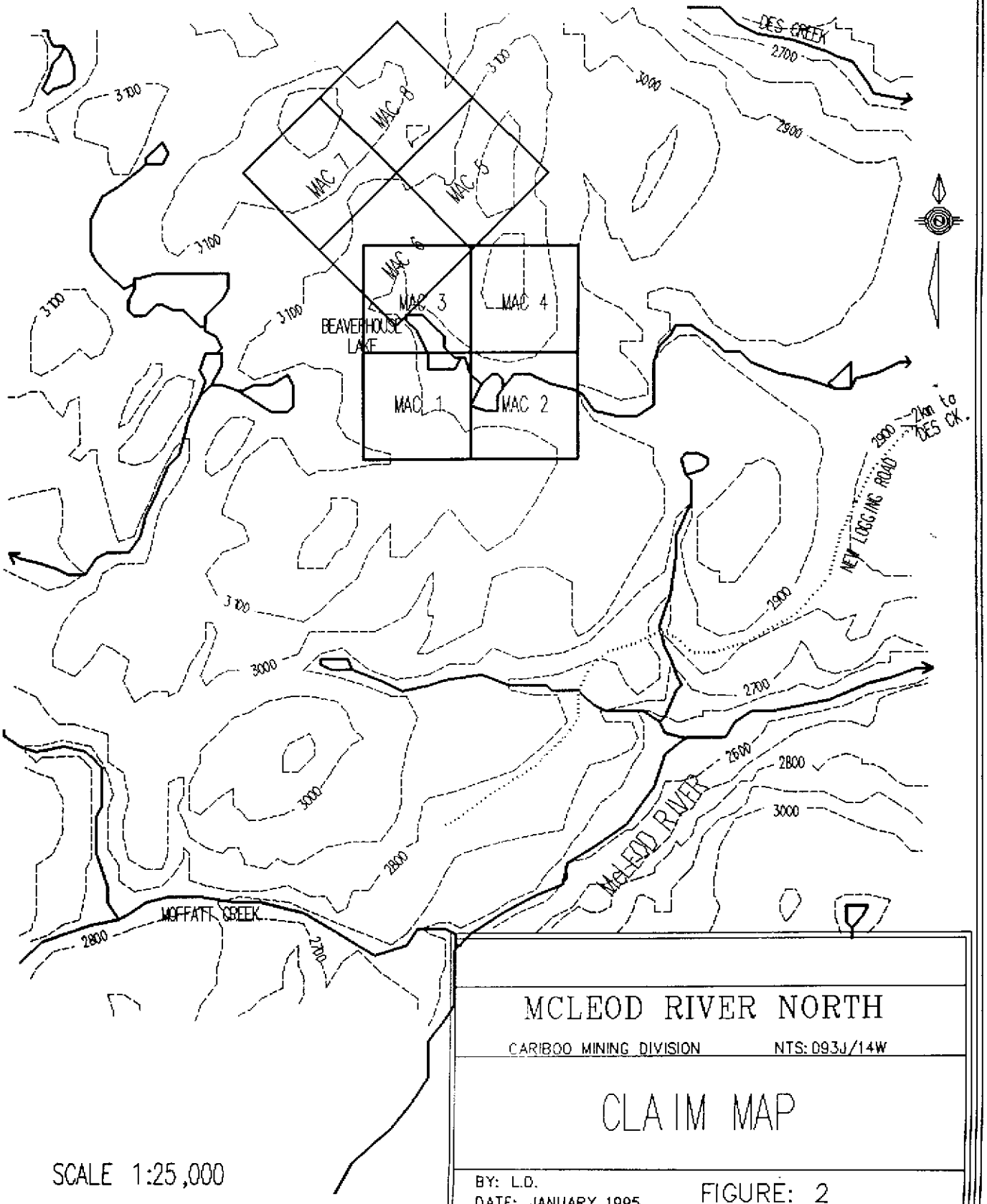
LOCATION MAP

CARIBOO M.D. NTS:093J/14E

BY: L.D.
DATE: JANUARY 1995 FIGURE: 1



8



MCLEOD RIVER NORTH

CARIBOO MINING DIVISION NTS: 093J/14W

CLAIM MAP

SCALE 1:25,000

BY: L.D.
DATE: JANUARY 1995

FIGURE: 2

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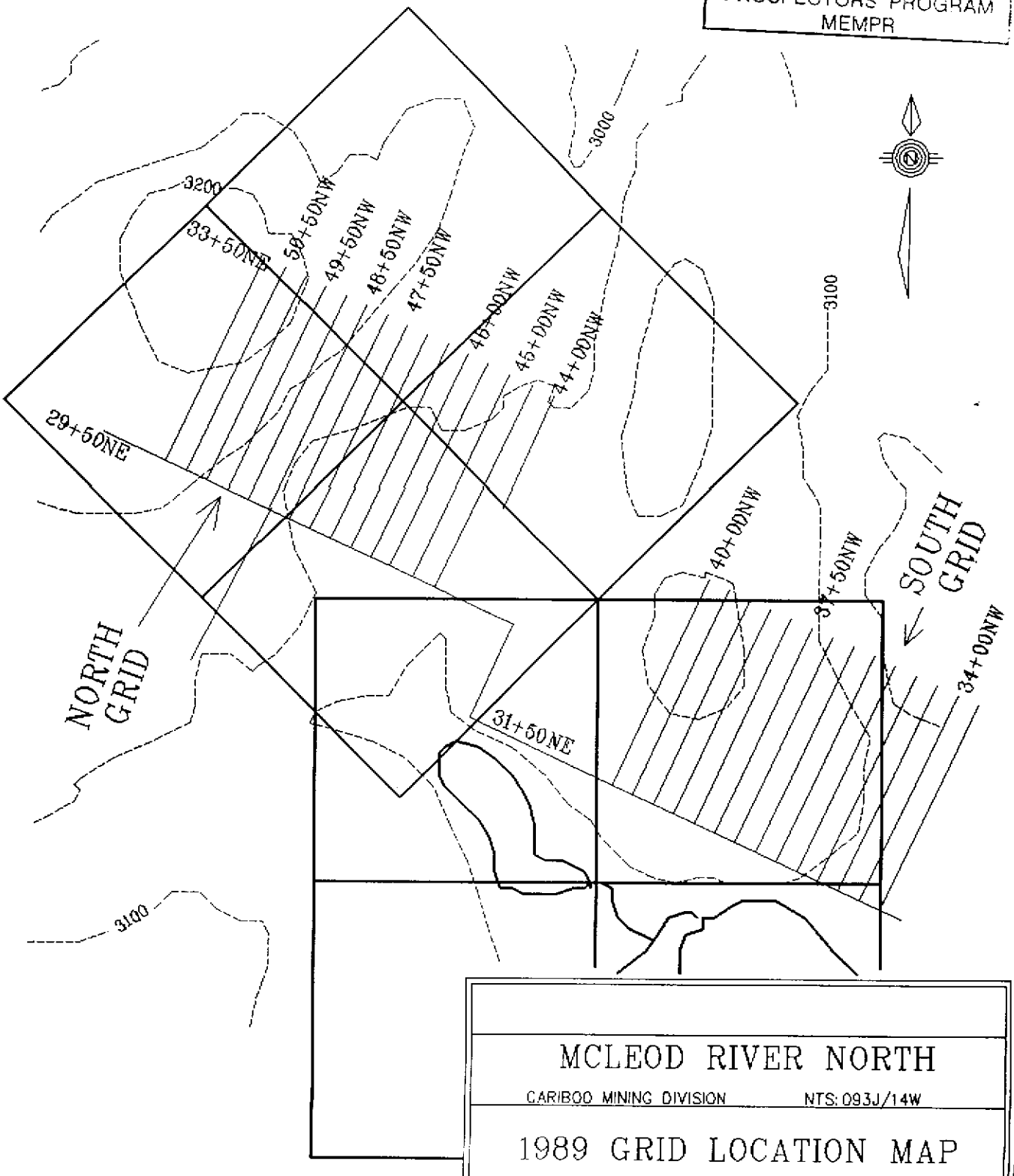
JAN 30 1995
PROSPECTORS PROGRAM
MEMPR



MCLEOD RIVER NORTH

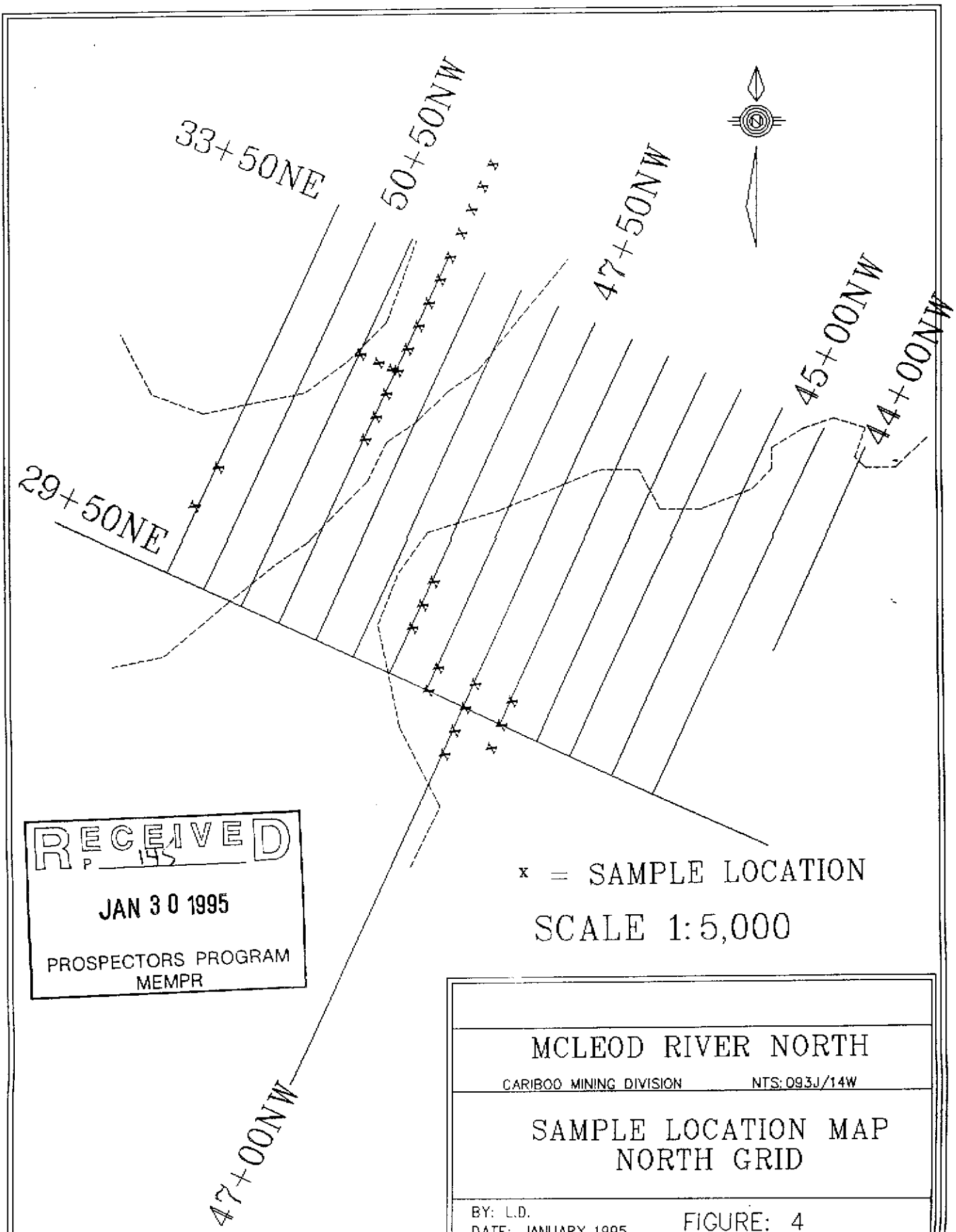
CARIBOO MINING DIVISION NTS: 093J/14W

1989 GRID LOCATION MAP

SCALE 1:10,000

BY: L.D.
DATE: JANUARY 1995

FIGURE: 3



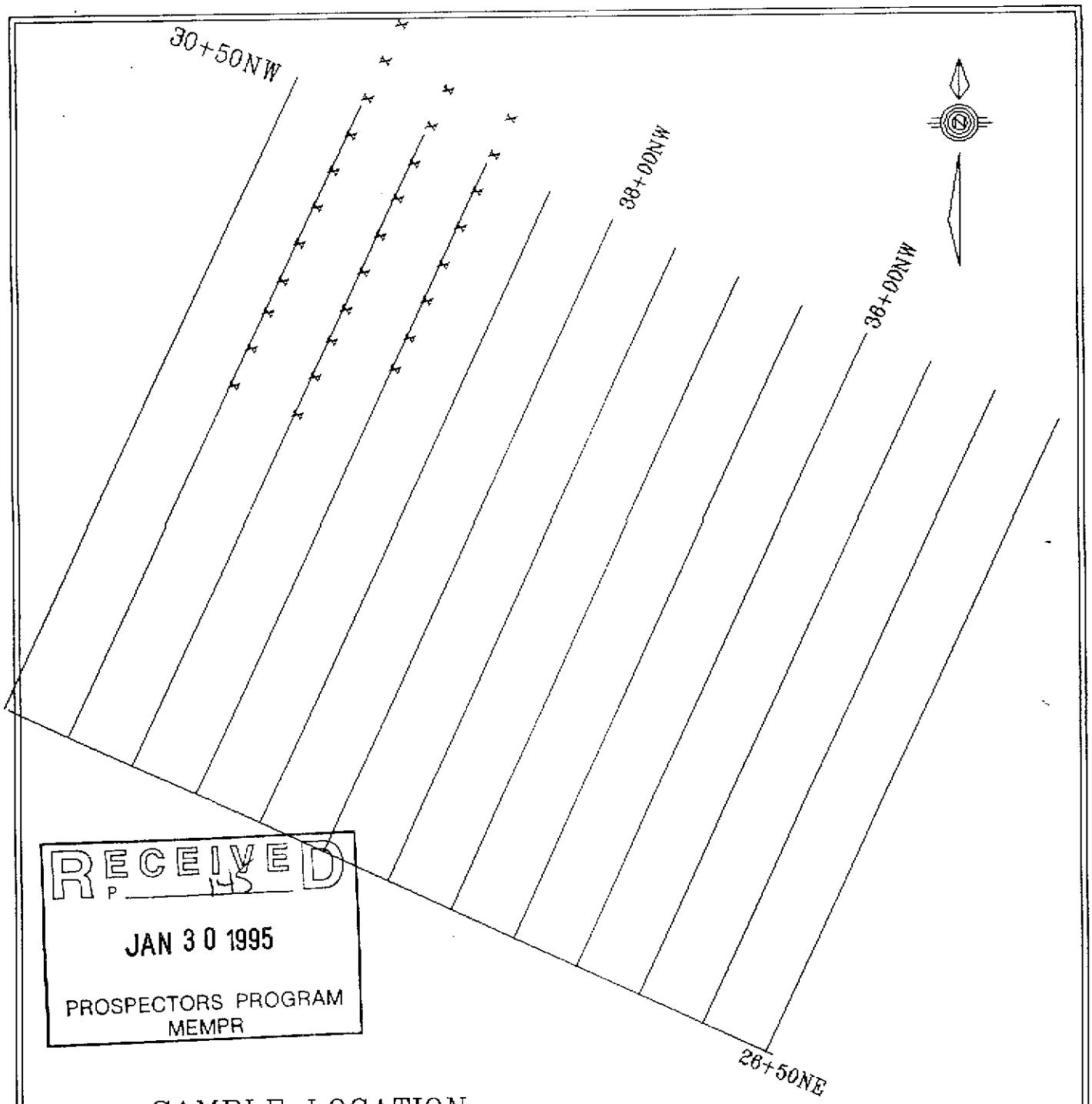
MCLEOD RIVER NORTH

CARIBOO MINING DIVISION NTS: 093J/14W

SAMPLE LOCATION MAP
NORTH GRID

BY: L.D.
DATE: JANUARY 1995

FIGURE: 4



x = SAMPLE LOCATION

SCALE 1: 4,000

MCLEOD RIVER NORTH

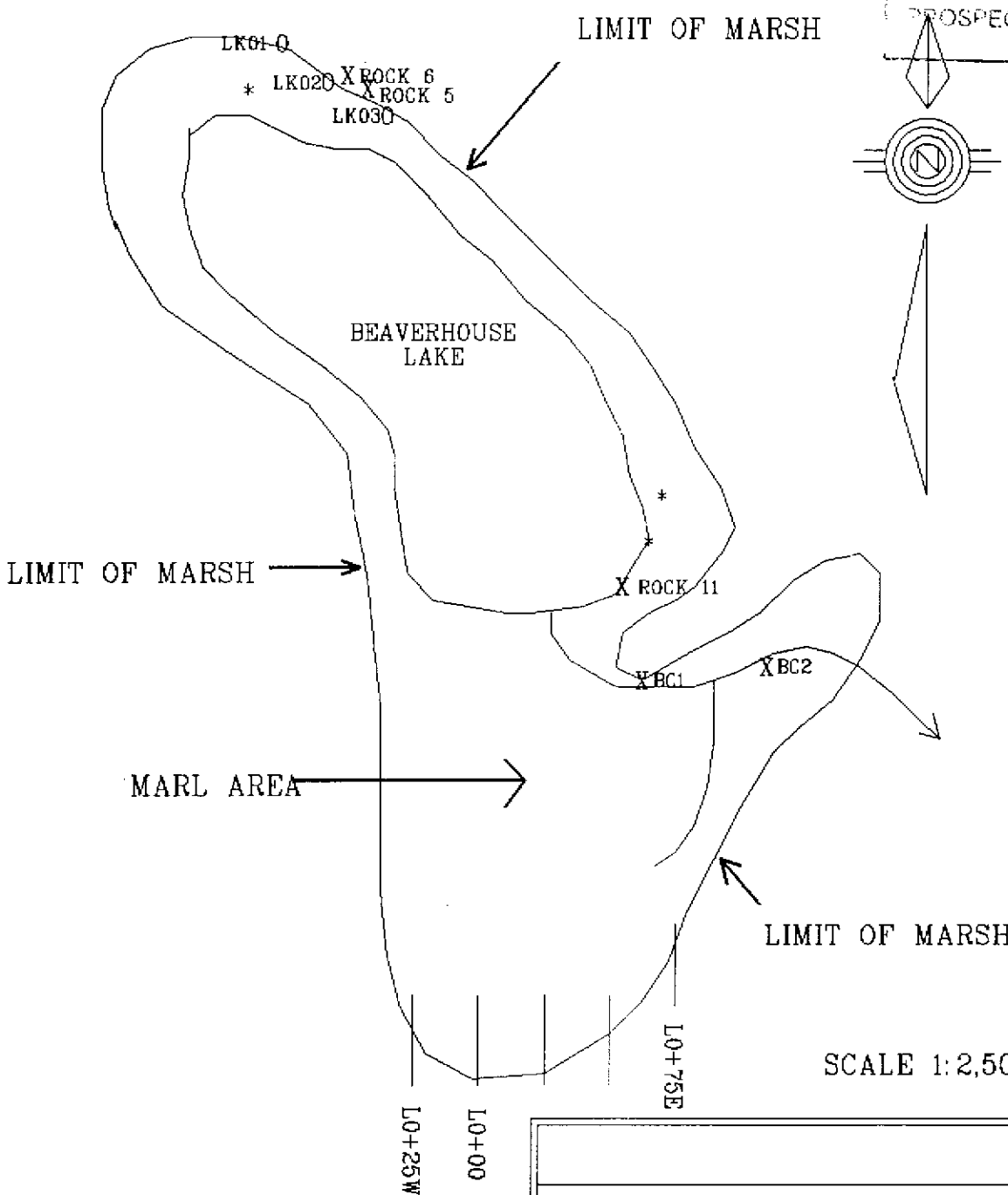
CARIBOO MINING DIVISION NTS: 093J/14W

SAMPLE LOCATION MAP
SOUTH GRID

BY: L.D.
DATE: JANUARY 1995

FIGURE: 5

12



SCALE 1:2,500

* = MARL LOCATION (BY PROBE)

O = SOIL SAMPLE LOCATION

X = ROCK SAMPLE LOCATION

MCLEOD RIVER NORTH

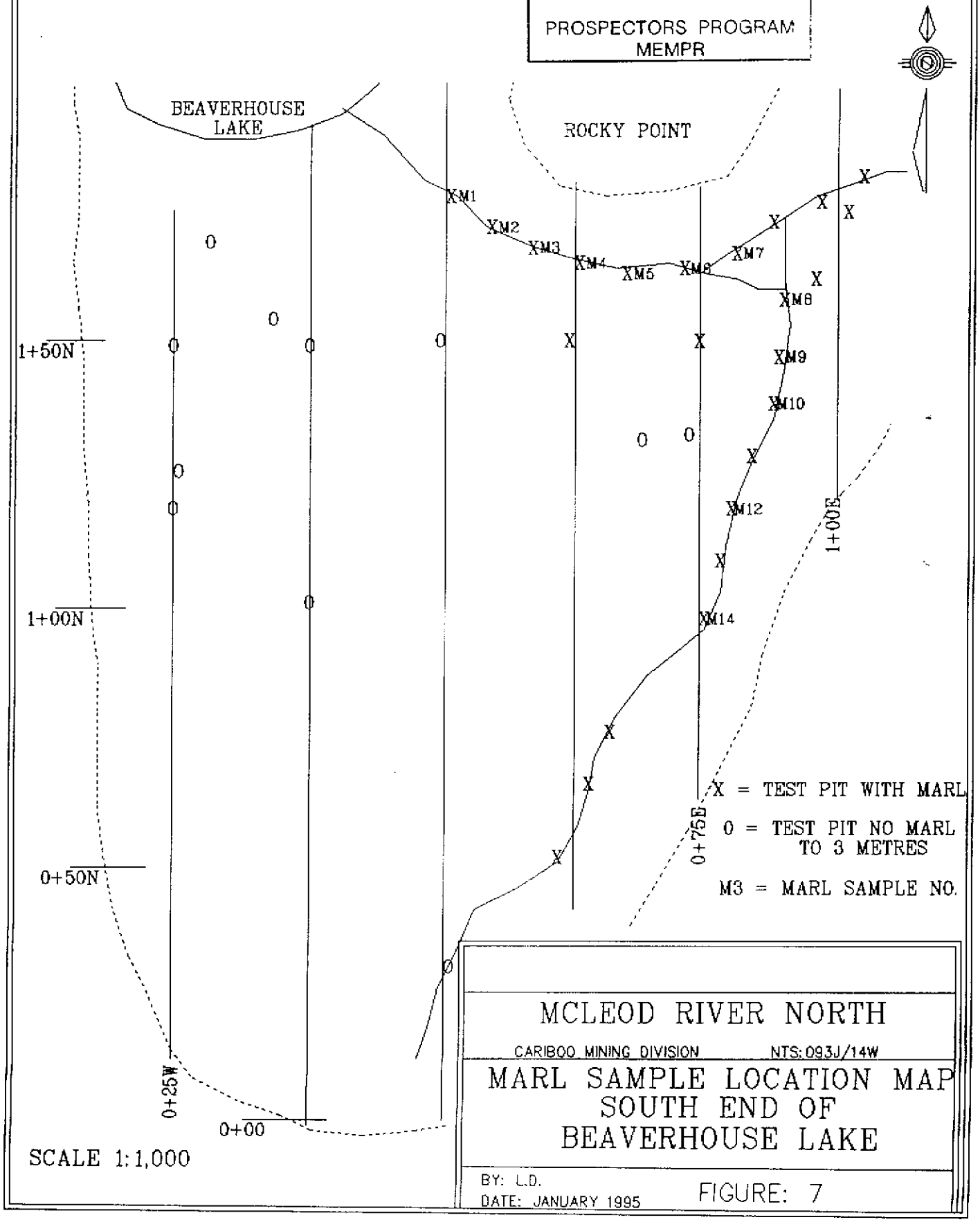
CARIBOO MINING DIVISION NTS: 093J/14W

BEAVERHOUSE LAKE ROCK AND SOIL SAMPLE LOCATION MAP

BY: L.D.
DATE: JANUARY 1995

FIGURE: 6

13



MCLEOD RIVER NORTH

CARIBOO MINING DIVISION NTS: 093J/14W

MARL SAMPLE LOCATION MAP SOUTH END OF BEAVERHOUSE LAKE

BY: L.D.
DATE: JANUARY 1995

FIGURE: 7

14

MARL SAMPLE DESCRIPTIONS

M 1 - marl located from 20 to 30 cm depth, ~~very light grey,~~ fine mud with occasional shells and 10% roots.

M 2 - marl located from 25 to 40 cm depth, light grey-brown, 20% shells (bivalves) and 10% roots. This sample is not as light coloured or as fine grained as the previous one.

M 3 - marl located from 25 to 40 cm depth, light grey with minor grey-brown patches, <10% shells (bivalves) and 15% roots (up to 25% in browner areas). Marl is very white on surface, but darker where not oxidized (?).

M 4 - marl located from 15 to 25 cm depth, very light grey or light grey-brown where rooty, <10% shells and <10% roots. Blue clay underlies at 30 cm depth.

M 5 - marl located from 10 to 20 cm depth, then blue clay below. Marl is light grey with minor light brown patches, 5% roots and 10% shells (large - up to 2 cm - snails make up 80% of shells, while tiny bivalves make up the remaining 20%).

M 6 - marl located from 15 to 25 cm depth, light grey with minor light brown patches, 5% tiny shells (bivalves predominantly) and 15% roots. Blue clay comes to surface about 30 cm away from sample site.

M 7 - marl located from 20 to 35 cm depth, light grey with browner patches in rooty areas, 10% roots, 5% shells (bivalves predominantly).

M 8 - marl located from 30 to 40 cm depth and is overlain by black humus. Marl is light grey with 5-10% roots and 5% shells (bivalves predominantly).

M 9 - marl located from 50 to 60 cm, light grey, with 40 cm of black humus on top.

M 10 - marl located from 65 to 75 cm overlain by 60 cm of black humus. Sample is light grey with 10% shells (both bivalves and snails). Marl is immediately overlain by 5 cm of brown soily, shelly material containing a higher percentage of shells than the marl layer.

M 12 - marl located from 110 to 150 cm depth, light grey with beige patches, 10% roots and 5% shells (white and yellow bivalves and snails). Marl horizon is overlain by 1 metre of black humus and brown peat and is underlain by blue clay.

M 14 - marl located from 100 to 140 cm depth, similar in appearance to sample M 12, with peat/humus overlying and blue clay below.

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	
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	
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
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
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	

SAMPLE NAME	LOCATION	DESCRIPTION	SIGNIFICANT RESULTS
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
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	

SAMPLE NAME	LOCATION	DESCRIPTION	SIGNIFICANT RESULTS
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	
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	
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

SAMPLE NAME	LOCATION	DESCRIPTION	SIGNIFICANT RESULTS
ROCK 37	L50+00NW 32+25NE	from soil hole, dark green angular rock fragments	
BC1	From marl area south end of Beaverhouse Lake	blue clay below marl horizon	
BC2	Same as BC1	blue clay beside marl horizon	
RD DES 1	Des Ck near new logging access road	rusty, pyritic quartz vein	
RD DES 2	Same as RD DES 1	rusty ultramafic	427ppm As 346ppm Cu 7ppb Pd
RD DES 3	Same as RD DES 1	bleached grey fragmental rock with pyrite	
RD DES 4	Same as RD DES 1	siliceous rock with cpy with 2cm orange weathered rind	878ppm As
RD DES 5	Same as RD DES 1	dark, foliated sediments(?) with black and green indistinguishable minerals	511ppm As
MAC RD 1	On logging road, 1.9km west of Des Creek	dark green, medium grained ultramafic with pyrite and minor chalcopyrite	7ppb Pd 8ppb Pt 348ppm Cu
MAC RD 2	On logging road, 2.6km west of Des Creek	rusty, black, fine grained argillite with calcite stockwork	
MAC RD 3	On logging road, 1.5km west of Des Creek	rusty, medium grained, green ultramafic with bleached patches and minor pyrite	8ppb Pd 8ppb Pt 408ppm Cu
MAC RD 4	On logging road, 1.4km west of Des Creek	rusty, medium to coarse grained dark green ultramafic with sulphides (pyrite and cpy)	16ppb Pd 465ppm As 429ppm Cu

SAMPLE NAME	LOCATION	DESCRIPTION	SIGNIFICANT RESULTS
MAC RD 5	On logging road, 1.2km west of Des Creek	quartz carbonate stockwork in rusty bleached rock (ultramafic?)	977ppm As

MCLEOD RIVER NORTH PROJECT

SUMMARY

The McLeod River North (Figure 1) marl and Pt/Pd (ultramafics) prospecting and sample program was conducted in September and October 1994. A helicopter access base camp was used for the first phase of the program, with traverses along new logging access roads to the south being done after leaving the fly camp. Figure 2 shows Beaverhouse Lake where the fly camp was located and the new logging access roads to the south. This figure roughly delineates the prospecting program area, and new clams staked during the course of the program.

MARL PROSPECTING PROGRAM

The base camp was located on the edge of a marshy lake (Beaverhouse Lake) which exhibited marl horizons along its southern margin. The marl was tested by manually digging numerous pits (which were later backfilled), and by probing into the marshy ground with a 3 metre long rod. Where sampled the marl was light grey to white fine mud with up to 20% tiny bivalve and snail shells and 20% rooty material. The marl layer tended to be generally about 15 to 20 cm thick, overlain by black humus and brown peat, and often underlain by blue clay. Sampling was limited to areas where marl was located under less than 3 metres of humus, peat or water. I feel that although the marl zone likely is quite extensive, it would not be economical due to its limited thickness. The marl appeared fairly uniform in samples, therefore only 12 samples were analyzed. Figure 6 outlines the marl area and Figure 7 gives sample locations, and the attached Marl Description Table describes each sample in some detail. Analyses of CaO content and neutralizing potential can be found on the Min En Labs Analyses Certificate.

Marl was also located using a probe on the northeast and eastern shore of Beaverhouse Lake (see Figure 6), however the ground was too wet to allow sampling. Two other marshy areas, one about 200 metres south of Beaverhouse Lake and the other about one kilometre northwest of Beaverhouse Lake were tested for marl, but none was located.

PT AND PD PROSPECTING PROGRAM

A 1989 grid located northwest and southeast of Beaverhouse Lake was established by Ezekiel Explorations who held claims over the region at that time (see Figure 3). Soil samples collected from the grid in 1989 returned values of over 900 ppb platinum and 200 ppb palladium. During the course of this program, resampling of the sites with the most anomalous platinum and palladium values (see Figures 4 and 5) returned only one analyses above the

detection limit (8 ppb). I have recently consulted with a geochemist who advised that different labs use different platinum and palladium extraction methods and suggested I send some of the rejects to Chemex Labs in Vancouver (where the original 1989 samples were analyzed).

While soil sampling, rock chips were collected from soil holes and sent to the lab for analyses, with the highest returned values being 8 ppb platinum and 16 ppb palladium (see the Rock Description and Location Table for more detailed information). Again, reanalyses should be done on the rejects at Chemex Labs. Soil collected was generally good "B" horizon samples, with many angular rock fragments located in most holes indicating a near bedrock source. Hand trenching was done to expose bedrock for sampling over the highest previous platinum and palladium samples. Hand trenches were back filled after samples were collected.

Rock and soil samples were also collected from an outcrop located along the north shore of Beaverhouse Lake (Figure 6). This outcrop is very crumbly, and consists of coarse grained ultramafic adjacent to a 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. These two locations appear to be the only exposed outcrop (except for the new logging road cuts) located in the prospecting area, however, soil sampling and hand trenching indicate depth to bedrock is shallow.

Two samples of the blue clay which underlies the marl were analyzed as rock samples, I believe the clay to be fault material somehow related to the ultramafic body. Nothing of significance was found in these samples.

Numerous rock samples were collected during the second part of the program along the new logging access road (this road was not yet driveable), from Des Creek for about 4 kilometres. Large outcrops where the road crosses Des Creek exhibited many rock types and several stages of veining (five samples RD DES 1 to 5 were collected here). Sulphide mineralization (pyrite and minor chalcopyrite) were present in minor amounts throughout. The road cut (from 1.2 to 3.5 kms west of Des Creek) showed rare outcrops consisting of broken argillite zones, as well as many areas which appear to be rusty soil, but upon further examination were found to be altered ultramafic bedrock. The highest platinum and palladium values (8 and 16 ppb respectively) from this program were obtained from these samples.

Eight two post claims were staked during the course of the prospecting program. These claims contain most of the 1989 grid, and were staked in anticipation of high platinum and palladium values from my sampling program (Figures 2 and 3). If the re-analyses from Chemex Labs Ltd. does not return any significant

Pt/Pd values, these claims will likely not have work recorded on them and will be allowed to lapse.

My original prospecting proposal indicated that a magnetometer survey was to be run along the trend of the ultramafic body. However, the ease of locating rock chips from soil holes made this method of prospecting seem more efficient at this stage, so the magnetometer was not used.

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SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Geochemical Analysis Certificate

4S-0293-RG1

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

Date: OCT-06-94
Copy 1. P & L Geological Services Telkwa
2. Fax To P & L Geological Services

We hereby certify the following Geochemical Analysis of 12 Marl / Lime samples submitted SEP-29-94 by Linda Dandy.

Sample Number	Availabl CaO %	* NP
M 1	<.5	746.10
M 2	<.5	532.70
M 3	<.5	736.08
M 4	<.5	713.68
M 5	<.5	634.69
M 6	<.5	769.68
M 7	<.5	772.63
M 8	<.5	767.91
M 9	<.5	741.39
M 10	<.5	754.94
M 12	<.5	750.82
M 14	<.5	783.24

* NP - Neutralization Potential In Kg CaCo3 Equivalent Per Tonne

Certified by _____

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Geochemical Analysis Certificate

4S-0291-RG1

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 rock samples submitted SEP-29-94 by Linda Dandy.

Sample Number	Pd PPB	Pt PPB
ROCK 1	<5	<5
ROCK 2	<5	<5
ROCK 3	<5	<5
ROCK 4	<5	<5
ROCK 5	<5	<5
ROCK 6	6	8
ROCK 7	7	8
ROCK 8	<5	<5
ROCK 9	<5	<5
ROCK 10	<5	<5
ROCK 11	<5	<5
ROCK 12	<5	<5
ROCK 13	<5	<5
ROCK 14	<5	<5
ROCK 15	<5	5
ROCK 16	<5	8
ROCK 17	<5	5
ROCK 18	<5	<5
ROCK 19	<5	<5
ROCK 20 A	<5	5
ROCK 20 B	<5	6
ROCK 21	<5	<5
ROCK 22	<5	5
ROCK 23	<5	5

Certified by _____

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SMITHERS LAB.:
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FAX (604) 847-3005

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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

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	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 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

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MINERAL
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(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MIN

VANCOUVER OFFICE:
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NORTH VANCOUVER, B.C. CANADA V7M 1T2
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SMITHERS LAB.:
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27

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: 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: 45-0329-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

MINERAL
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NORTH VANCOUVER, B.C. CANADA V7M 1T2
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SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

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

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(DIVISION OF ASSAYERS CORP.)

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30

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	Pt 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

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	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
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 27+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	1.56	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	.10	114.8	171	6	1	8	68	7
L47+50NW 29+75NE	.4	.44	1	1	232	.6	4	.17	.1	4	14	1.82	.10	9	.24	233	3	.01	19	470	20	12	35	3	.01	43.4	80	5	1	3	24	3

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MINERAL
• ENVIRONMENTS
LABORATORIES
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • CONSULTANTS

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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-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