Geological and Geochemical Report
on the
Greg, Helen, Dig Here, Dig Here 2 and Frog Mineral Claims

New Westminster Mining Division, British Columbia

For

Owner/Operator: Lacana Mining Corporation
Suite 312-409 Granville Street
Vancouver, B. C.
V6C 1T2

Covering:	Greg (16 units), Helen (15 units), Dig Here (9 units), Dig Here 2 (9 units) Frog (12 units)
Work Performed:	September 5 - September 14, 1987
Location:	(1) 49° 33' 19" North, 121° ~~30'~~ 28' 4" West (2) N.T.S. 92 H/11W, ~~92 H/12E~~ (3) 20 kilometres North 20° West of Hope, B. C.

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Kamloops, B. C.

November 12, 1987

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Summary

A preliminary examination of the Hope North Group of claims owned by Lacana Mining Corporation was completed in the early part of September 1987. This ground, located approximately 20 kilometres northwest of Hope, British Columbia and adjacent to the former Pride of Emory deposits, was acquired by Lacana in 1986 as a target area for platinum enriched sulphide mineralization. The Pride of Emory (B. C. Nickel Mines) was a previous producer of copper and nickel from sulphide ore with the first shipments made between 1933 to 1937. Substantial production was achieved from these deposits between 1958 through to 1967 before the mine closed. In 1936 it was reported that a representative 25 tons of sulphide ore from one of the sulphide bodies making up this deposit yielded 0.02 oz./ton Gold, 0.08 oz./ton Platinum + Palladium and 0.13% Cobalt. These sulphide bodies were reported to be found within an ultramafic host unit associated with or in contact with a quartz diorite intrusive.

The ground acquired by Lacana in 1986 has been relatively unexplored and appears to be underlain by similar geology as the Pride of Emory deposits. The work completed by Lacana in this preliminary examination consisted of drainage sampling (pan concentrates and silts) as well as a brief geological examination. The results of this progarm with appropriate figures and analytical data are presented in this report. Conclusions have been reached and recommendations made for the future exploration and development of this mineral property.

Introduction

This report outlines the work completed on the Greg, Helen, Dig Here, Dig Here 2, and Frog mineral claims by Lacana Mining Corporation during the period September 5th through to September 14th, 1987. A 3 man crew under the direction of the writer (D. A. Leishman) completed a reconnaissance geochemical (pan concentrate and silt) program and a preliminary geological examination over the claim group as well as a more detailed sampling and outcrop examination of the Victor copper-nickel showing.

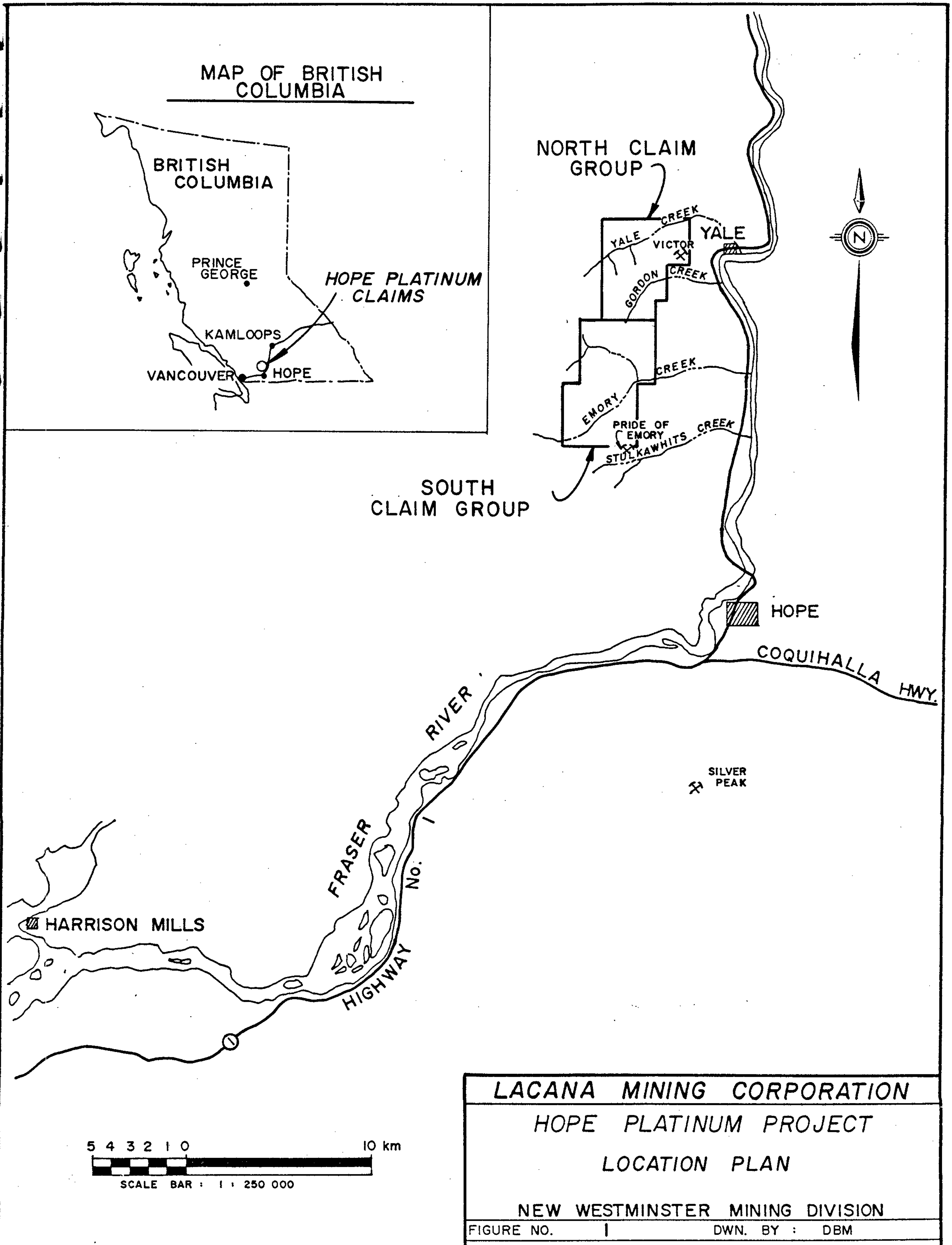
This claim group (61 units) is part of larger block of ground (126 units) acquired by Lacana in the late summer of 1986 and the early part of 1987. For assessment purposes this property has been divided into two separate groups (North and South). The work completed in this initial phase of exploration on the North Group is described under the appropriate headings in the following report.

Location, Access and Physiography

The centre of the Greg, Helen, Dig Here, Dig Here 2, and Frog Claims (hereon known as the North Group) is located approximately 20 kilometres north 20° west of the town of Hope, British Columbia (Figure 1).

To reach the claims Highway 1 is followed north from Hope for approximately 14 kilometres where the gravelled North Emory Creek logging road is taken towards the west. After several kilometres the road branchs to the north (Figure 1) and at approximately 4 kilometres a series of switchbacks are encountered which lead onto the southeast corner of the Helen claim (south of Gordon Creek). A series of roads and trails in poor repair continue west onto the centre of the Helen claim.

An alternative access to the northern part of the claim area (north of Gordon Creek) is from approximately 1 kilometre south of Yale (on the Trans Canada Highway) where a recently upgraded logging road leads to the west. The begining of this road is on private property and a key to the lock may be obtained from the owner of the land. This road is followed for approximately 2 kilometres where it crosses the eastern boundary of the Dig Here


MAP OF BRITISH COLUMBIA
BRITISH COLUMBIA
PRINCE GEORGE
HOPE PLATINUM CLAIMS
KAMLOOPS
VANCOUVER
HOPE
NORTH CLAIM GROUP
YALE CREEK
YALE
VICTOR
GORDON CREEK
EMORY CREEK
PRIDE OF EMORY
STULKAWHITS CREEK
SOUTH CLAIM GROUP
HOPE
COQUIHALLA HWY.
FRASER RIVER
HIGHWAY No. 1
SILVER PEAK
HARRISON MILLS
1
5 4 3 2 1 0 10 km
SCALE BAR : 1 : 250 000
LACANA MINING CORPORATION
HOPE PLATINUM PROJECT
LOCATION PLAN
NEW WESTMINSTER MINING DIVISION
FIGURE NO. 1
DWN. BY : DBM
SCALE : 1: 250 000
DATE : OCT. / 1987
To accompany a report by D.A. LEISHMAN, B.Sc.

2 claim. The road continues westward towards the centre of the Dig Here 2 claim and then a new section continues to the north. Logging is presently taking place at the end of this road. This road passes within 200 metres of the Victor showng described later in the report. A helicopter was utilized for access by the field crew prior to learning of the reopening of this road. There are a number of roads and trails in poor repair leading from these two access roads that allow reasonable access (foot or motorcycles) to the area covered by this claim group.

Elevations within areas of the claim group vary from appoximately 1,500 feet a.s.l. along the east central part of the claim group (Gordon Creek area) up to 4,300 feet a.s.l. in the southwestern part of the Dig Here claim, and up to 5,000 feet a.s.l. in the southwestern part of the Greg claim. Fir, pine and in some cases cedar make up the main marketable timber on the property. Precipitation is heavy, however because of the elevation parts of the claim are probably snow free for most of the year.

The valley walls of Gordon and Yale Creeks are very steep. Foot traverses are extremely difficult in logged areas where slide alders form a great deal of the secondary growth. The unlogged areas are in many cases steeper with numerous rock faces making traverses dangerous at best. A number of trails have been cut out on the claim group by motorcycle enthusiasts and it is these trails that provide the best access within the claim group. Motorcycles should be considered for any future exploration programs on this claim group.

A considerable number of chains and cables left by the former logging contractors were noted by the writer while completing the work described in this report. This should be taken into account if any magnetic or electromagnetic surveys (airborne or ground) of the claim group are contemplated. Figure 5 shows the outline of the logged areas.

Claims and Ownership

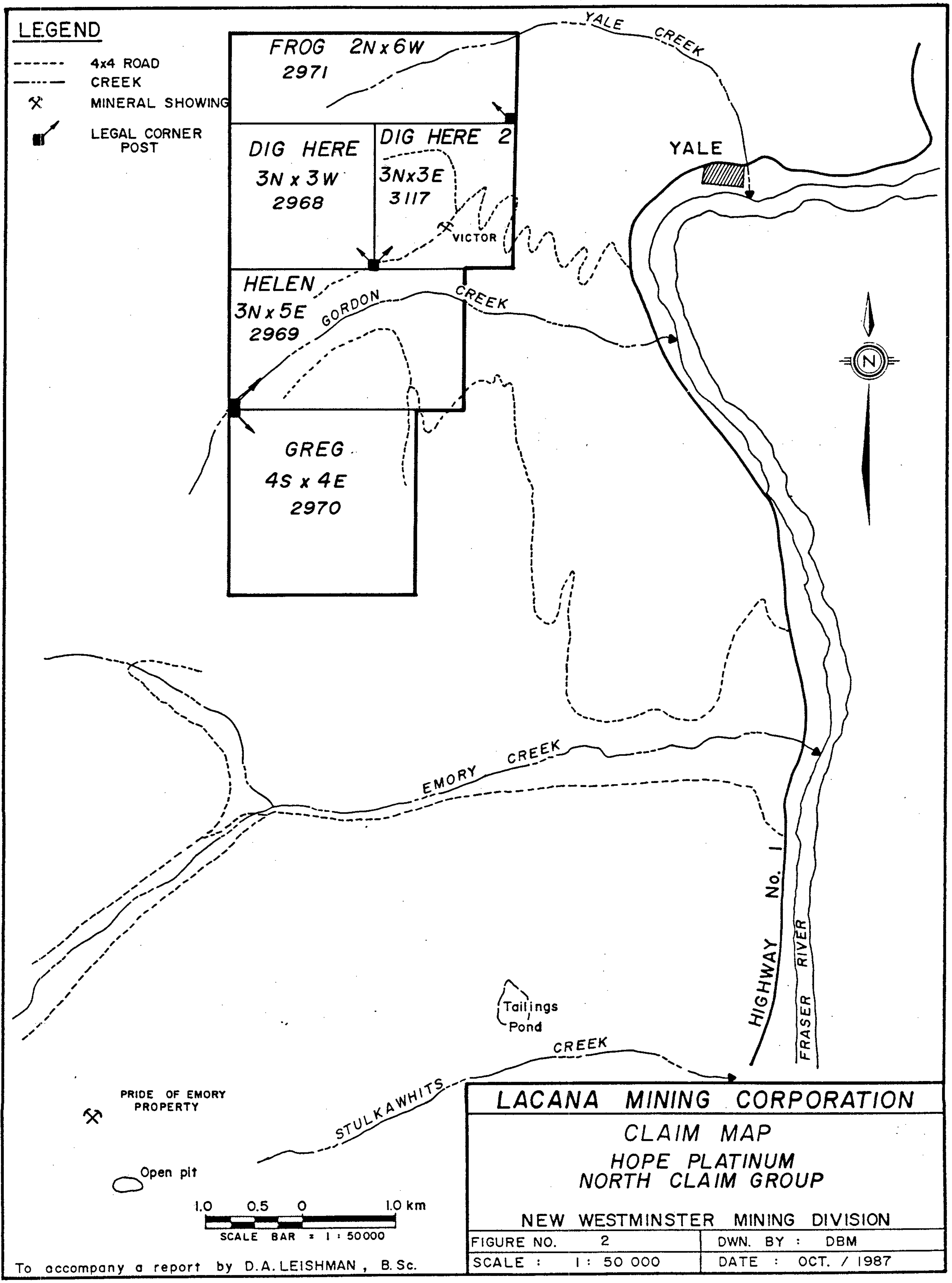
The Greg, Helen, Dig Here, Dig Here 2 and Frog claims are 100% owned by Lacana Mining Corporation, Suite 312-409 Granville Street, Vancouver, B. C. The claims cover an area of approximately 1,485 hectares and are shown on Figure 2. The claims are contiguous, however the Gordon 1-4 claims, shown on Figure 5 owned by Equinox Resources are in good standing until 1989. Pertinent claim information is listed in the table below.

Claim Name	Units	Tag Number	Record No.	Expiry Date
Greg	16	127280	2970	Sept. 26, 1988
Helen	15	127284	2969	Sept. 26, 1988
Dig Here	9	127281	2968	Sept. 26, 1988
Dig Here 2	9	04666	3117	March 2, 1989
Frog	12	127282	2971	Sept. 26, 1988

North Goup of Claims
Table I

History

The Hope map area has a long history of exploration and mineral discoveries. Placer gold was first found in 1858 in the gravel bars of the Fraser River near Yale and in 1868 a lode silver deposit was discovered 9.5 kilometres south of Hope on Silver Peak (Figures 1 to 3). This was the first lode deposit covered by crown granted mineral claims in British Columbia and also one of the earliest lode mine producers in the province. The most important mineral discovery was made in 1923 when a nickel-copper deposit was discovered at the head of Stulkawhits Creek (Pride of Emory). A number of ore shipments were made from 1932 to 1937 however due to economics nothing more was shipped until 1958. A more detatiled description of this showing is found under regional geology.



LEGEND
4x4 ROAD
CREEK
MINERAL SHOWING
LEGAL CORNER POST
FROG 2N x 6W
2971
DIG HERE
3N x 3W
2968
DIG HERE 2
3Nx3E
3117
VICTOR
HELEN
3N x 5E
2969
GORDON CREEK
GREG
4S x 4E
2970
YALE CREEK
YALE
N
EMORY CREEK
HIGHWAY No. 1
FRASER RIVER
Tailings Pond
STULKAWHITS CREEK
PRIDE OF EMORY PROPERTY
Open pit
1.0 0.5 0 1.0 km
SCALE BAR = 1 : 50000
LACANA MINING CORPORATION
CLAIM MAP
HOPE PLATINUM
NORTH CLAIM GROUP
NEW WESTMINSTER MINING DIVISION
FIGURE NO. 2
DWN. BY : DBM
SCALE : 1: 50 000
DATE : OCT. / 1987
To accompany a report by D.A. LEISHMAN, B.Sc.

Since 1970 the area north of the Pride of Emory has received sporadic attention from various junior companies. In 1969 Courageous Exploration Limited with the co-operation of Amax of Vancouver conducted a limited geological and geochemical examination of the Gold and Silver claim group which covered an area within the present claim group (west and south of Yale and straddling Gordon Creek. In later years as road access improved work was completed further to the west and north of Gordon Creek. In 1970-71 El Paso Mining and Milling Company completed geochemical and magnetic surveys over the area of the Victor showing (Figure 3). In 1973 this showing was drilled by Dalton Resources Limited (Sookochoff). All work was directed towards the discovery of copper-nickel sulphide deposits. There are no records of assaying for gold and the platinum metals.

Further work was completed over the same area (Victor showing) in 1979 through to 1983 by Bighorn Development Corporation (Don Coates). The most recent work on the area covered by the Victor showing was in the summer of 1983 by Bighorn Development Corporation. A number of weakly anomalous soil values in copper and nickel were encountered along north south lines where sampling was completed at 50 metre sample intervals. However, assessment data was plotted in such a way as to prevent correlation with the present claim group held by Lacana (North Group). The claims were allowed to lapse prior to staking by Lacana in the spring of 1986.

A limited amount of work was completed by Starletta Mines Ltd. in 1972 on the Morgan and Citation group of claims which covered part of the Southern Group of claims presently held by Lacana (eastern part of the Astros). On the Citation group, believed to be east of the Lacana ground, 2 short diamond drill holes reportedly intersected minor nickel and copper sulphides. Further work was recommended however it is not known if this was ever completed.

There is no indication that the area covered by the Lacana claim group has ever undergone systematic exploration for gold and platinoid rich sulphides (associated with the copper-nickel mineralization). In Horwoods' report dated 1936 he states that a representive 25 tons of ore taken from the 1600 level of the Pride of Emory deposit assayed 0.02 ounces/ton gold, 0.08 ounces/ton platinum + palladium and 0.13 ounces /ton cobalt. It is these metal values that convinced Lacana to re-evaluate the area north of the Pride of Emory deposits.

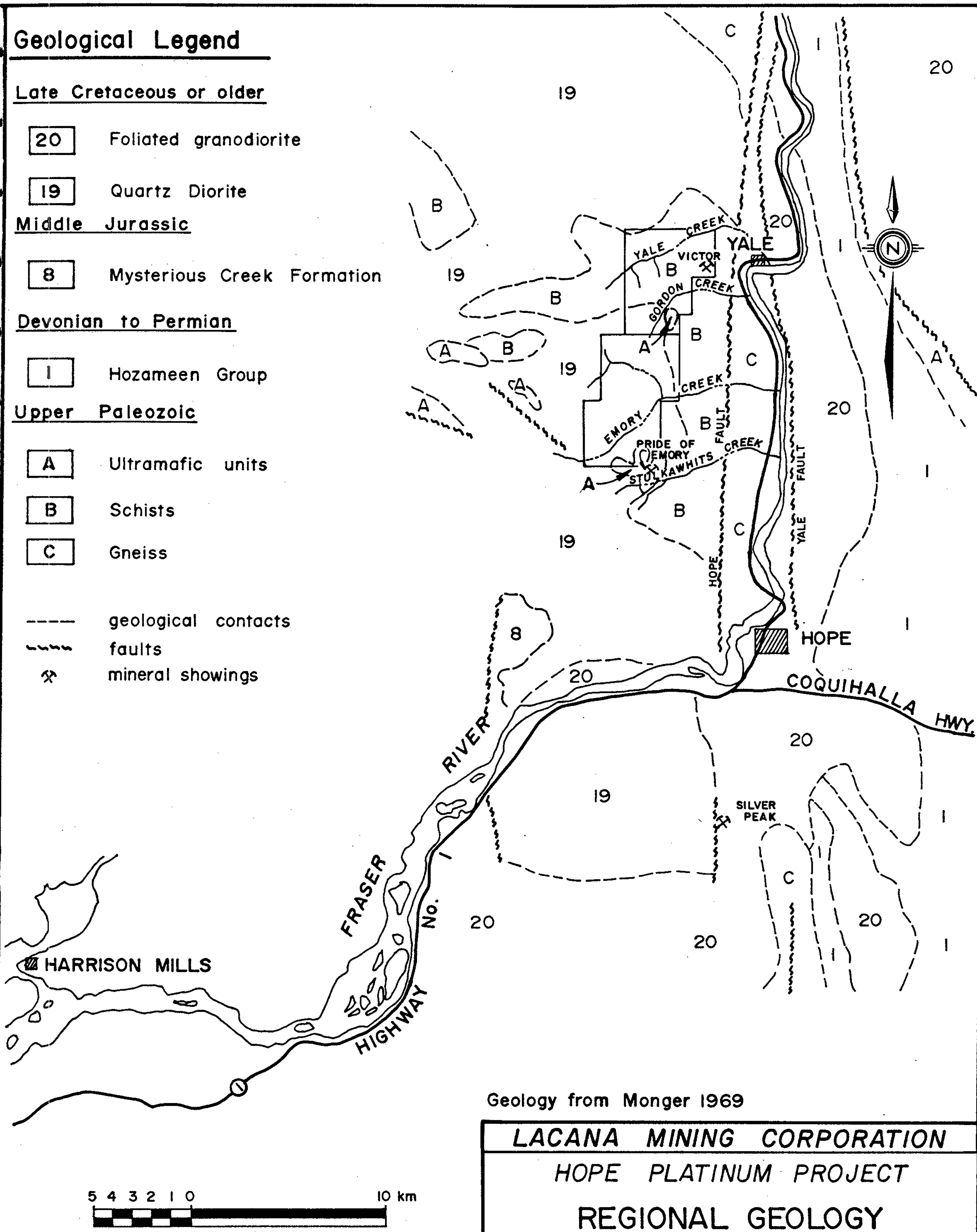
Regional Geology

The regional geology of the Hope map area is shown on Figure 3. The area has been mapped/compiled by the Geological Survey of Canada. The work described below is taken from Monger (Paper 69-47, Map 12-1969).

In Mongers compilation he separated the Hope map area into 5 major, north-south structural belts. It is the Hope area where the Coast and Cascade mountain systems merge which resulted in intense deformation from Middle Cretaceous to Early Tertiary times. The result of this was the formation of 5 major, north to south structural belts distinguished by structure and lithology. These are (east to west), Eastern Plutonic Belt, Eastern Mesozoic Belt, Eastern Paleozoic Belt, Axial Belt (uncertain age) and the Western Belt (Permian). It is this Axial Belt that forms the core of the area where the Lacana claims are located. The predominate rock types found in this belt are gneiss and schists of uncertain age and a partly concordant Cretaceous quartz diorite.

Most of these rocks have been complexly folded and cut by prominent north-south trending early Tertiary faults. They are separated from the Upper Paleozoic rocks to the east by a narrow zone along which movements and intrusions of small granodiorite bodies have taken place.

The predominate rock type in the area of the claims is an Upper Cretaceous intrusive unit mapped as quartz diorite and considered to be part of the Spuzzum Pluton. To the west of the claim area this unit lies in contact with older strata consisting of Middle Jurassic pelites (Mysterious Creek Formation). Other units intruded by this pluton consist of ultramafic rocks of probable Upper Paleozoic age. Examples of this are seen in the immediate area of the property (Figure 3). They have been mapped as serpentinites, peridotites, pyroxenites and hornblendites. Probably part of the same complex are schists and gneiss which have been mapped to the east of the claim group. The prominent north-south, Hope and Yale Faults lie in contact with these older schists and gneisses (see Figure 3). These faults form the structure that controls the Fraser Canyon. To the east of the canyon a Paleozoic sequence (Hozameen Group) of basic volcanics through to fine grained sediments outcrops.



LACANA MINING CORPORATION

HOPE PLATINUM PROJECT

REGIONAL GEOLOGY

NEW WESTMINSTER MINING DIVISION

FIGURE NO.	3	DWN. BY :	DBM
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One small unit of ultramafic rock has been mapped in the area of the claim group. This unit is thought to be similar to that which underlies the crown granted mineral claims south of the claim group and hosting the Pride of Emory deposits. There, mineralization consisting of 17 small sulphide orebodies was outlined within an area of 1.5 square miles. The ore bodies are pipe like in form, with steep dipping long axes and occur in ultramafic rock close to contacts with the diorite. Mineralization consists mainly of nickeliferrous pyrrhotite, chalcopyrite and pentlandite that formed as disseminated grains, lenses, blocks of intergranular laceworks, veins and veinlets. Over a 10 year period approximately 2.7 million tons of ore was milled from these deposits. Grades mined were approximately 0.65% Nickel and 0.3% Copper.

Property Geology

The property was mapped in a reconnaissance style only. Most of the mapping was completed while pan concentrate and silt samples were collected. Notes were made of the float found within the various drainages and talus slopes examined. Due to the extreme relief encountered within the claim group most observations were restricted to roads and trails. The major contacts mapped on Figure 5 are believed to be reasonably accurate. Along with physical observations made, Wells completed a short petrographical description of the various units mapped within the claim group. Locations of petrographic specimens are also shown on Figure 5. Below is a brief description of the various units and their distribution within the claim group. The Victor showing is desribed on its own.

Unit 1 Quartz Diorite - Granodiortie (Spuzzum Pluton)

This large intrusive mass underlies approximately 40% of the north claim group (Figure 5). It is made up of medium to coarsely crystalline quartz and plagioclase with substantial hornblende and minor biotite. However compostion varies considerably with some sections being more mafic while other sections more felsic. Generally this unit is very massive, pale coloured, and very slightly altered (sericite). Contacts with the country rock (schist and gneiss) are often sharp and well defined. Pegmatite and graphic granite with very coarse feldspars, muscovites and biotites are often seen as float and are related to this intrusive mass. The frequency of pegmatite dykes seen in outcrop appears to increase in the area north of Gordon Creek and in particular in the vicinity of the Victor Showing (Figure 5).

Unit 2 Ultramafic Units (Hornblendite)

Thin section descriptions by Wells indicates a very coarse hornblende with minor quartz, oliogclase, zoisite, zircons, biotite and diopside as accessory minerals. Previous workers have indicated that this unit is older than the above quartz diortie. A small plug had been mapped previously in the southeastern part of the North Claim Group (Figure 3). The location of this intrusive was confirmed during the course of field mapping however lack of time prevented the proper delineation of contacts. Its relationship with its host schist units however appears to be very irregular. Strong northerly trending airphoto linears (Figure 5), appear to be associated with this unit. These linears extend from the northern portion of the Astros claim (South Group) into the Greg claim and can be projected onto the Helen claim. There are ultramafic rocks associated with the Victor showing with there distribution related to the mineralization.

Unit 3 Garnet Staurolite, Barnert Biotitie, Hornblende Biotite Schists.

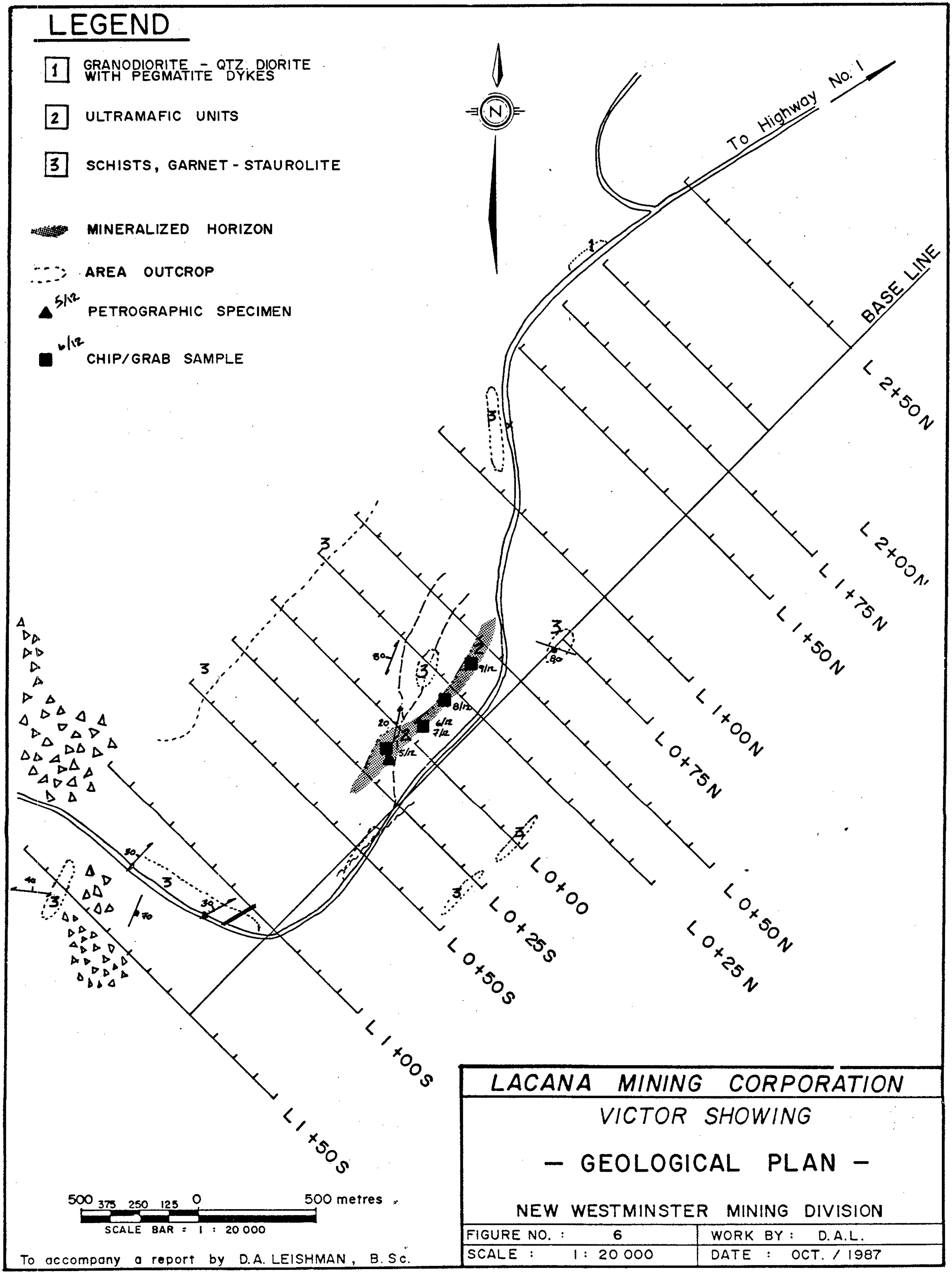
These units (Upper Paleozoic) are believed to be the oldest in the map area however they have not been accurately dated. They underlie approximately 60% of the north claim group and have a distinct northeasterly orientation (parallel to the intrusive contact). Very coarse porphoblasts of garnet and staourolite, sometimes measure in centimetres and making up to 20 to 30% of the rock make this unit distinctive However, lithology can vary with indivdual seams or bands more hornblende, biotite or graphite rich. Kyanite has also been identified. Sulphides and oxide minerals are present usually in minor amounts only with the exception of some of the units immediately south and north of Gordon Creek. Disseminated sulphide content to several percent was seen in these areas. Often these areas were covered by a distinct oxidized residual soil. Thin bands of more quartz rich segregations as well as distinctively pale coloured felsic horizons are found in places. In the area of the ultramafic intrusive it was often difficult to distinguish more gneissic and banded varieties from the intrusive units.

Victor Showing

The geology of the Victor showing is illustrated on Figure 6. Here a sulphide enriched horizon carries low values in Copper and Nickel with anomalous Gold, Platinum and Palladium. The strike length of this mineralization can be traced for approximately 75 metres in old trenches. The unit is highly oxidized and exhibits a distinct sulphide smell upon striking with a hammer. The sulphides present are pyrrhotite (slightly magnetic), pyrite and probably pentlandite. This ampbibolite rich unit appears to be concordant to the enclosing strata (Garnet Biotite Schists), strikes North 15° East, with a shallow (20°) dip to the west. The maximun thickness of the mineralized horizon is probably 3 metres, however due to slumping the complete thickness is not exposed in the trenchs.

The hanging wall contact is made up of a thin pegmatite dyke/sill in the southern end of the trench and the footwall composed of very oxidized sericitic schists. One suspected outcrop of quartz diorite has been mapped in the area of the grid (Figure 6). From the limited mapping completed in the area it appears that the granodiorite/quartz diorite intrusive may be at a relatively shallow depth beneath the mineralized horizon.

Previous drill logs (Dalton Resources Ltd. 1974) of this prospect described meta diorites, pyroxenites, amphibolites and gneiss in the drill core. All of the holes were short and intersected only narrow widths of sulphide enriched hornblendites. It appears that the geological setting is an ultramafic body (sulphide enriched) in close contact with or perhaps a phase of the quartz diorite intrusion along the contact of the country rocks, quartz garnet schists (ie: roof pendant). This setting appears very similar to what has been described for the Pride of Emory deposits. Unfortunately however, a magnetic survey over this showing by previous operators indicated a rather limited extent to the mineralization. The platinum and palladium values obtained from chip and grab samples (Sample No. 5/12 to 9/12) of the sulphide mineralization were anomalous but low (Platinum + Palladium ranged from 20ppb to 103ppb).


LEGEND
1 GRANODIORITE - QTZ. DIORITE WITH PEGMATITE DYKES
2 ULTRAMAFIC UNITS
3 SCHISTS, GARNET - STAUROLITE
MINERALIZED HORIZON
AREA OUTCROP
5/12 PETROGRAPHIC SPECIMEN
6/12 CHIP/GRAB SAMPLE
N
To Highway No. I
BASE LINE
L 2+50N
L 2+00N
L 1+75N
L 1+50N
L 1+00N
L 0+75N
L 0+50N
L 0+25N
L 0+00
L 0+25S
L 0+50S
L 1+00S
L 1+50S
9/12
8/12
6/12
7/12
5/12
500 375 250 125 0 500 metres
SCALE BAR : 1 : 20 000
To accompany a report by D.A. LEISHMAN, B.Sc.
LACANA MINING CORPORATION
VICTOR SHOWING
- GEOLOGICAL PLAN -
NEW WESTMINSTER MINING DIVISION
FIGURE NO. : 6
WORK BY : D.A.L.
SCALE : 1 : 20 000
DATE : OCT. / 1987

Geochemical Survey

Introduction

A stream sampling program was completed within the area of the claim group. This sampling included both "pan concentrate" samples as well as normal "silt" samples. Most of the secondary and tertiary drainages within the area of the claim group were sampled. This included both active and inactive streams. The density of sampling in the area of Gordon Creek (the primary drainage) was such that it was not necessary to sample directly from this drainage. In addition to the pan and silt samples 10 rock samples (petrographic and grab samples) were sent for 30 element I.C.P. analysis. Also a small grid was placed over the area of the Victor showing and a program of soil samping was completed. The results of this work are discussed below.

Method of Sampling

The method of drainage sampling was to collect both a silt and pan concentrate sample from each sample site. A major consideration in chooseing sample sites was accessiblity. A total of 26 sample sites were selected within the claim group however it was possible to collect pan concentrate samples from only 19 of these sites.

All sample sites were flagged with appropriate numbers, ie. H005P (Pan), and H005S (silt). Silt samples would include only silt sized particles, preferably several small handfuls from within an area of several metres from the sampled drainage. This material was placed in a brown kraft envelope, labelled appropriately and sent for analysis.

Collecting pan samples was a little more involved. Sand and gravel material would be shoveled into and screened through a -10 mesh size screen and the minus-10mesh sized particles collected in the pan. The pan weight (minus the pan) would then be recorded with most sample sizes ranging from 5 to 10 kilograms. In most instances two separate pans were collected from each sample site and panned by two different technicians. The panned concentrate from the two pans was then placed into a large plastic sample bag with the appropriate label and sent for analysis. The pan concentrate was weighed at the lab prior to geochemical analysis.

As described above a small grid was laid out over the area of the Victor Showing (Figures 6 to 10). A baseline was laid out by compass along a north 45° east azimuth with stations marked at 25 metre intervals. Lines were spaced at 25, 50 and 100 metres depending on their relationship to the area of mineralization. All stations were marked with flagging and labelled with the appropriate station number. All soil samples were taken form the "B" soil horizon, usually 15-30 centimetres deep with a small mattock. A total of 157 samples were taken along the grid lines described above. The grid configuration and plotted values are illustrated on Figures 6 to 10.

All soil samples were collected in waterproof kraft envelopes and upon completion of the survey were sent to Acme Analytical Laboratories. The soil samples were analysed in the same manner as the drainage samples (silts and pan concentrates).

Laboratory Determination

All samples were sent to Acme Analytical Laboratories, 852 East Hastings Street, Vancouver, B. C. for geochemical analysis. All samples were analyzed by ICP Analysis (30 element). Because the detection limit for Gold using ICP is very high (3ppm), Gold, Platinum and Palladium were analysed by Fire Assay with a Mass Spectrometry finish. This allowed the determination of these elements at a much lower level of detection (ie. 1-2 parts per billion).

Presentation of Results (stream samples)

Because of the number of elements analysed using the ICP method it was not considered practical to display these elements on different figures. Subsequently Figure 4 shows individual sample sites with their appropriate sample numbers. Figure 5 shows sample sites with individual elements highlighted if they were considered above the norm.

Due to the small data base it was decided not to perform statistical evaluation of data to determine the standard deviation and mean. However the pan data was adjusted, ie: weight normalized to allow a direct comparison between individual panned samples. This calculation was completed for all the pan samples for the elements Gold, Platinum and Palladium. This massaged data is shown in Table II below. A listing of analytical data (30 elements, plus additional 3) as received from Acme is included in Appendix IV. It should be noted that this listing includes data from both the north and south claim groups of the property and includes the samples (rocks and soils) from the Victor showing. Figure 4 shows the sample locations and sample number for the entire claim group and Figure 5 shows the more interesting results obtained.

Sample No.	Pan wt. gr.	Pan con. wt. gr.	Pan conc wt. gr. / Pan wt. gr.	Weight normalized data		
				Auppb	Ptppb	Pdppb
H004	8,165	130	.0159	48	32	32
H005	9,072	690	.076	380	152	304
H006	9,072	190	.0209	63	42	42
H007	10,886	290	.0266	53	53	53
H008	11,340	260	.0229	46	46	46
H046	1,588	49	.0308	124	62	62
H052	9,072	250	.027	81	54	54
H054	8,618	420	.048	48	96	96
H055	5,443	180	.033	66	66	66
H056	5,443	90	.016	32	32	32
H057	5,443	360	.066	132	132	132
H058	5,443	360	.066	66	132	132
H059	5,443	100	.018	36	36	36
H060	5,443	300	.055	110	110	110
H061	5,443	220	.040	120	80	80
H062	9,979	90	.009	18	18	18
H063	5,443	350	.064	128	128	128
H064	1,588	60	.037	74	74	74
H065	2,722	40	.0146	29	29	29

Pan Concentrates
Calculated Weight Normalized Data for the North Group

Table II

Discussion of Results

Stream Sampling

The assay results obtained from both the pan and silt sampling were low. Under most conditions weight normalized data for Gold, Platinum and Palladium would be expected to be measured as greater tha 1,000 ppb to be interesting. The highest values obtained in this data base fell short of these figures. One pan sample site warranted closer inspection . A total of 7 silt sample sites are considered interesting, 1 of which is the corresponding silt of pan sample H005. A brief discussion of these samples follows.

Pan sample H005 (380ppb Gold and 304ppb Palladium) with silt values of 26ppb Gold and 69ppm Copper is interesting however this sample location is located outside of the claim area (Figure 5).

Sample H004 silt (249ppm Nickel, 19ppm Cobalt, 4ppb Gold), is from a stream that drains the area of the Hornblendite (ultramafic) intrusive. The values are only slightly anomalous and may be more representative of the higher background values of certain minerals found within this type of lithology.

Silt samples (H047-Gold 8ppb, H050-Silver .5ppm, H051-Silver .6ppm) are located on the same south facing slope draining into Gordon Creek (Figure 5). Again these values are not too noteworthy and may reflect the variable geology underlying the area in which they drain.

Silt sample H052 (.7ppm Silver, 22ppm Arsenic, 20ppb Gold) is taken along a stream cutting a new logging road approximately 1 kilometre north of the Victor Showing. These values on there own are not too interesting however other signs of mineralization have been seen in the area (mineralized shears, increased evidence of later intrusives, ie: pegmatites) that further work is warranted.

Sample H053 is taken along the same logging road as H052. It drains a slightly different area and the values obtained in a number of elements are quite interesting. Numerically the highest values in the entire silt sampling program for a number of important elements (copper, zinc, cobalt, nickel, arsenic and chrome) were obtained from this sample. Its proximity to mineralized shears as seen on Figure 5 and the anomalous values calls for further investigation.

Chip/Grab Samples

A number of rock samples were taken in the northern part of the claim group. Three samples stood out as being of particular interest. All were taken northeast of the Victor Showing from intense but narrow shear zones (Figure 5). These shears were intensely altered (clay and sericitic in places) with up to several percent sulphides. Pyrite and arsenopyrite were identified however it appears from sample 14/12 that galena may also be present. Further work is necessary to fully evaluate the mineral potential of these shear zones.

Victor Showing

A series of 4 plans were plotted with 8 elements showing metal distribution in the area of the Victor Showing (Figures 7 to 10). No statistical treatment of the data was attempted due to the relatively small sample size (157 samples) and also the lack of a truly homogeneous soil horizon. Each plot is discussed below.

Platinum + Palladium

Platinum and Palladium values are shown on Figure 7. Only values greater or equal to 2ppb for both elements are plotted. Values of significance (ie: when platinum + palladium are greater than 9 ppb) are indicated on the plan as anomalous. These locations, with their individual values appear to cluster around the baseline near L 0+00. This is on and downslope of the mineralization of the Victor Showing. Here combined values range up to 66 ppb Platinum + Palladium. This cluster seems confined to the area of the showing. Only one anomalous value is found outside of this area. It is on Line 1+00S, 1+00E and cannot be related to known mineralization.

Copper + Nickel

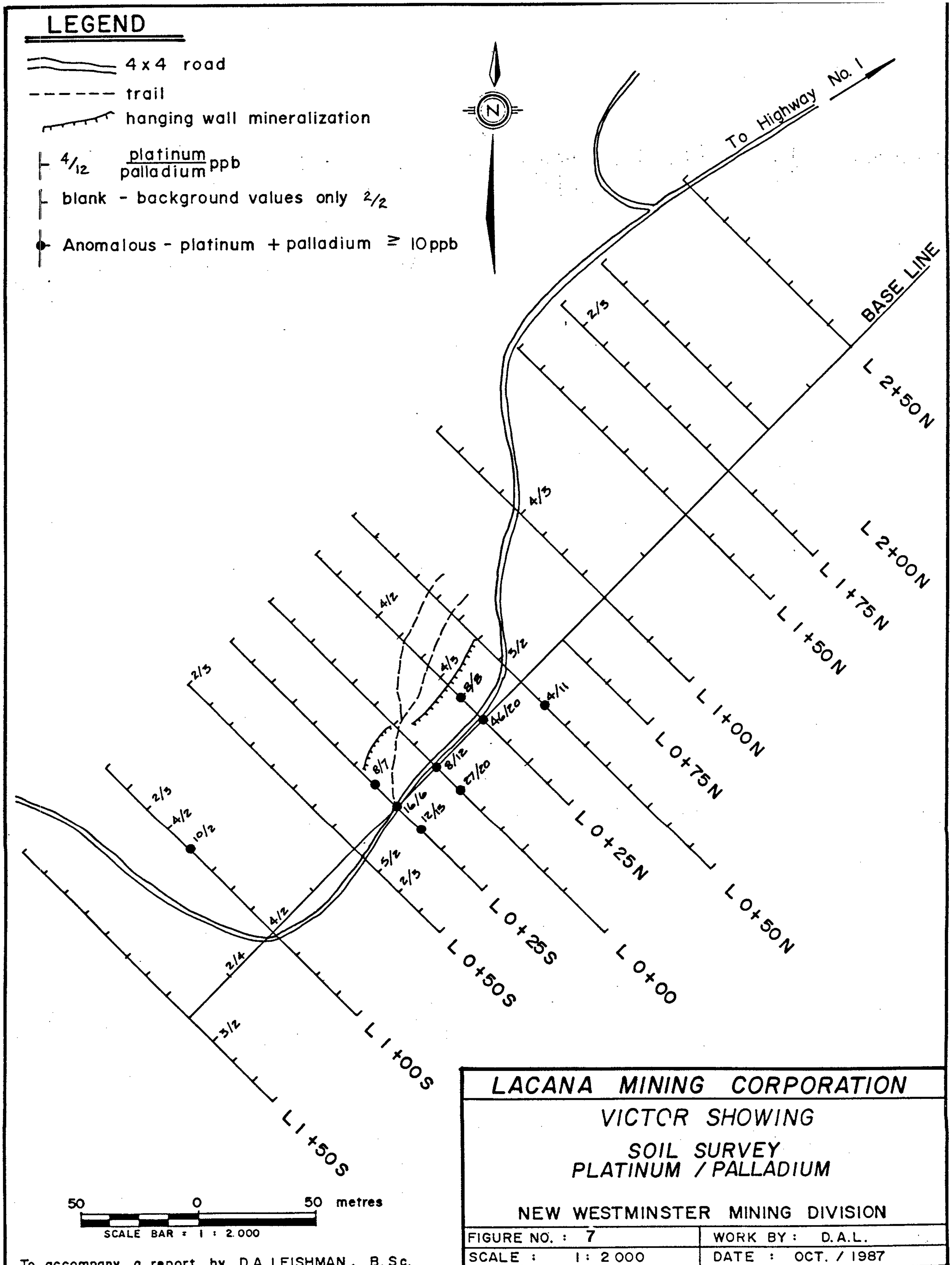
Copper and nickel values are plotted on Figure 8. Here the 8 highest values (approximately 5%) of each element were defined as anomalous. Consequently copper greater than 141 ppm and nickel greater than 199 ppm are considered anomalous. These locations are indicated by symbols on the plan and again, a distinct cluster of anomalous values is seen in the area of the Victor Showing (8 sample sites). It should be noted that 6 of these sample sites are anomalous in both copper and nickel which indicates a close correlation between the two elements. There are two sample sites outside of this cluster (Line 1+50S, 0+12.5E, Line 2+50N, 1+12.5W) that have anomalous values in nickel. There is no known mineralization associated with either of these locations.

Gold + Silver

Gold and silver are plotted on Figure 9. Only those values considered to be above background have been plotted (ie: gold greater than 1ppb and silver greater than 0.1ppm). Of the values plotted 4 values in gold were considered anomalous (ie: greater than 9 ppb). With silver, 5 values were found to be greater than 1 ppm and these have been defined as anomalous.

Only 1 sample site in the vicinity of the Victor showing is considered to be anomalous. At Line 0+00, 50E a value of 54 ppb Gold is found. This is located downslope from the mineralization and the soil is likely a mixture of talus fines and residual. There are several other scattered anomalous values.

Of interest however, is in the area of Lines 1+50N to Line 2+00N at 1+75W where a series of 3 anomalous silver values with associated gold form a distinct linear trend. There is no known mineralization in this area. However outcrop examination outside the area of the grid has discovered mineralized shears/faults (see above).



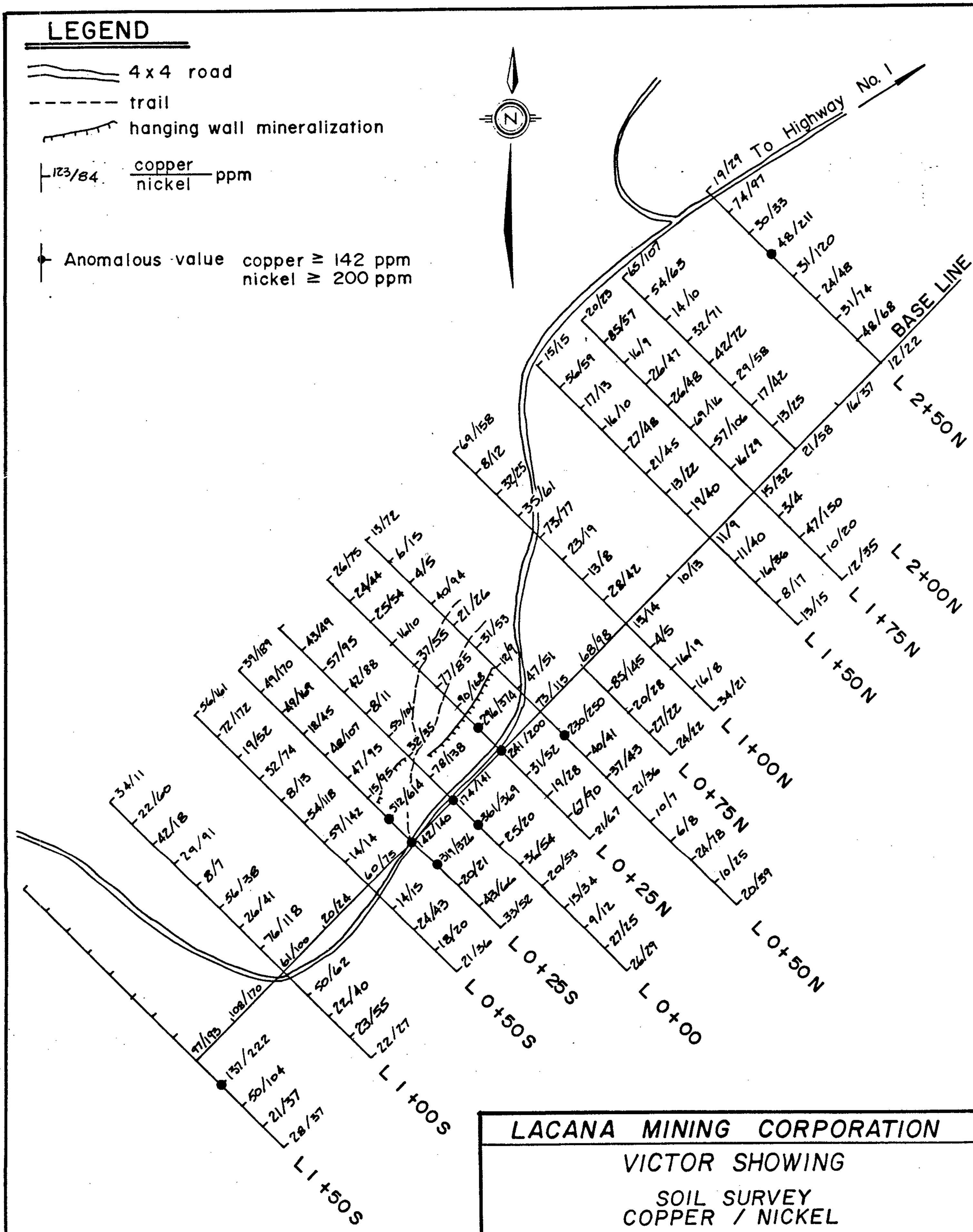
LACANA MINING CORPORATION

VICTOR SHOWING

SOIL SURVEY
PLATINUM / PALLADIUM

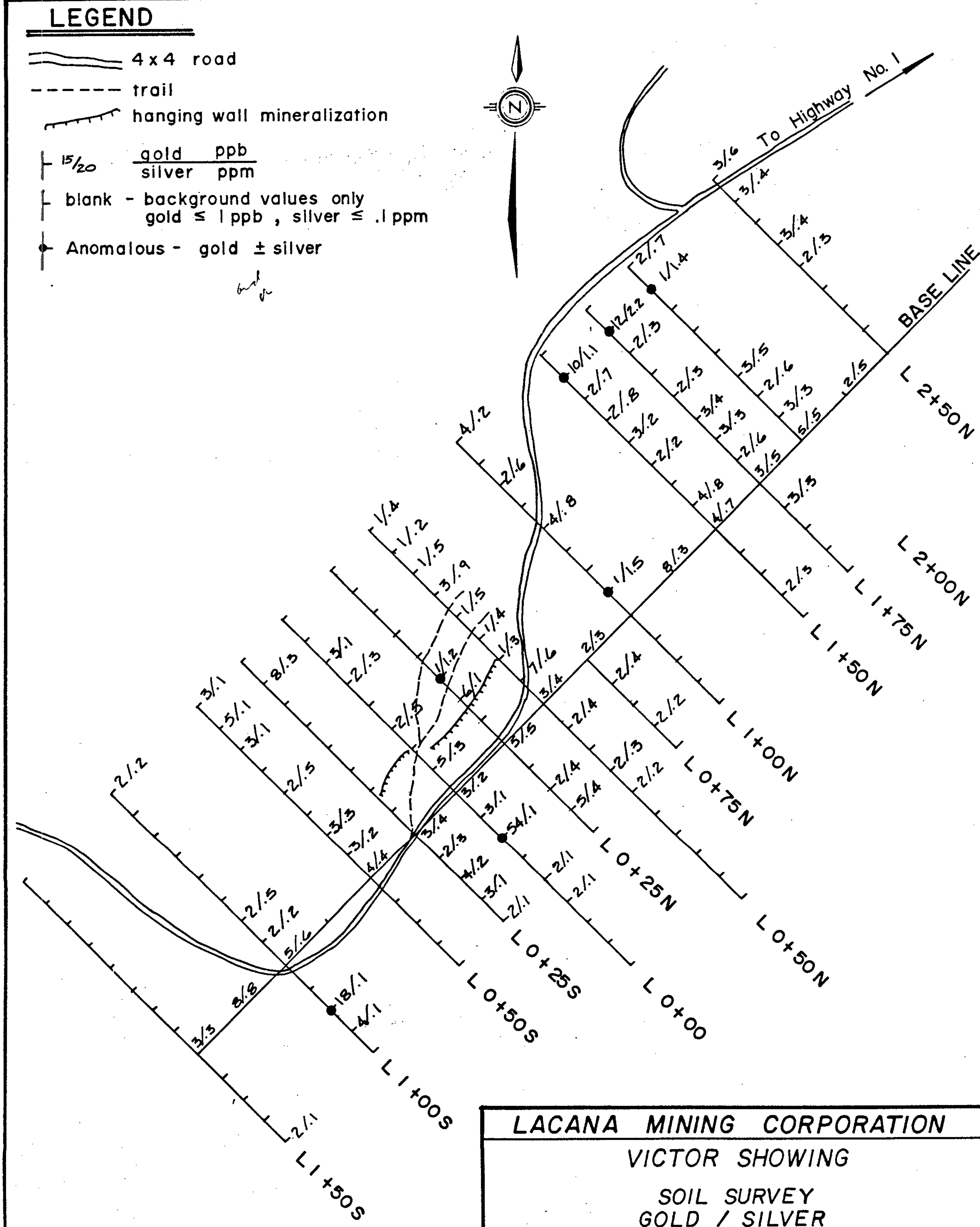
NEW WESTMINSTER MINING DIVISION

FIGURE NO. : 7	WORK BY : D.A.L.
SCALE : 1: 2 000	DATE : OCT. / 1987



LACANA MINING CORPORATION	
VICTOR SHOWING	
SOIL SURVEY COPPER / NICKEL	
NEW WESTMINSTER MINING DIVISION	
FIGURE NO. : 8	WORK BY : D.A.L.
SCALE : 1 : 2 000	DATE : OCT. / 1987

To accompany a report by D.A. LEISHMAN, B.Sc.



LACANA MINING CORPORATION

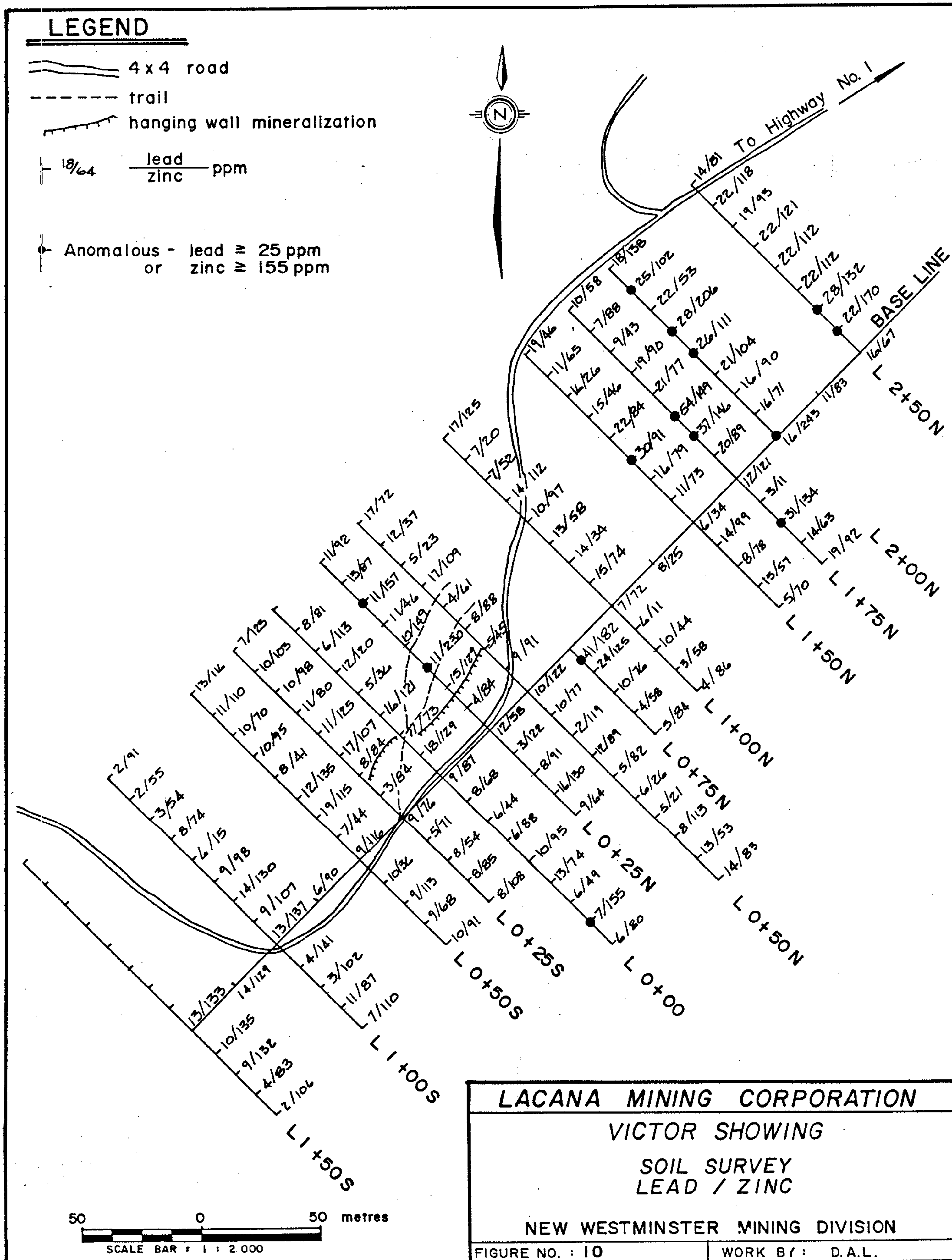
VICTOR SHOWING

SOIL SURVEY
GOLD / SILVER

NEW WESTMINSTER MINING DIVISION

FIGURE NO. : 9	WORK BY : D.A.L.
SCALE : 1 : 2 000	DATE : OCT. / 1987

To accompany a report by D.A. LEISHMAN, B.Sc.



To accompany a report by D.A. LEISHMAN, B.Sc.

LACANA MINING CORPORATION

VICTOR SHOWING

SOIL SURVEY
LEAD / ZINC

NEW WESTMINSTER MINING DIVISION

FIGURE NO. : 10	WORK BY : D.A.L.
SCALE : 1: 2 000	DATE : OCT. / 1987

Lead+Zinc

A total of 9 lead (greater than 24 ppm) and 7 zinc (greater than 154 ppm) values have been defined as anomalous. These are plotted on Figure 10 and show a wide distribution. However there is a distinct clustering of these values in the area of Line 1+50N to Line 2+00N, west of the baseline. It is possible they are related to the anomalous silver-gold values described above. There does not appear to be any relationship between the lead-zinc values to the copper-nickel sulphide mineralization of the Victor Showing.

Conclusions

There are two areas that stand out as warranting further work. They are the area north and east of the Victor Showing where mineralized shears (with anomalous base and precious metal values) have been discovered. The second area is in the southeastern area of the Greg claim where an ultramafic unit is located. The actual limits to this unit have not been properly defined. The geology appears to be similar to that of the adjacent Pride of Emory deposits however considerably more work is required to fully evaluate the potential of this area.

It is suggested the area to the north and east of the Victor Showing be prospected and accurately mapped. Limited geochemical sampling and hand trenching might be useful in evaluating these mineralized shear zones (ie: to establish their stike and width potential). It may also be possible to establish if they are in any way related to the mineralization of the Victor Showing.

Further work in the area of the larger, mapped ultramafic body is necessary. This should take the form of geological mapping and prospecting. Limited rock and soil sampling may establish the viability of magnetic or electromagnetic surveys.

Douglas A. Leishman

November 12, 1987
Kamloops, B. C.

Douglas A. Leishman, B.Sc.
Consulting Geologist

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Sookochoff, L. Diamond Drill Report on the Victor Claim Group for Dalton Resources Limited, Assessment Report #5030, June, 1974.

Appendices

Appendix I

Personnel

D. A. Leishman, B.Sc. 11 days	September 5 thru to November 13, 1987
Gerard Gallissant	September 5 thru to September 14, 1987
Terry Peach	September 5 thru September 14, 1987

Appendix II

Costs

Personnel		
D. A. Leishman, B.Sc.	11 days at $275./day	$3,025.00
Gerrard Gallisant	6 days at $125./day	750.00
Terry Peach	6 days at $125./day	750.00
Total Personnel Costs		**$4,525.00**
Expenses		
Geochemical Analysis	Acme Analytical	$3,500.75
Truck Rental	6 days x $45./day	270.00
Helicopter	Valley Helicopter	694.40
Room and Board	18 man days x$45./day	810.00
Field Costs	Flagging, samples bags etc.	150.00
Petrographic work	6 x $35./specimen	210.00
Drafting Report	drafting, supplies, printing, xerox	500.00
Air Photos		105.19
Total Expense Costs		**$6,240.34**
Total Costs Incurred on the Hope North Group		**$10,763.34**

Appendix III

Statement of Qualifications

Douglas A. Leishman, B.Sc., A.R.S.M.
Consulting Geologist

Suite 2-423 First Avenue, Kamloops, B. C.

Mailing Address: P. O. Box 1288 M.P.S., Kamloops, B. C. V2C 6H3
Telephone 604-828-6150

I, DOUGLAS A. LEISHMAN, OF KAMLOOPS, BRITISH COLUMBIA, DO HEREBY CERTIFY THAT:

(1) I am a self employed Consulting Geologist residing at the above address and was employed by Lacana Mining Corporation to supervise the programme described within this report.

(2) I am a graduate of the Northern Alberta Institute of Technology, Exploration Technology (Minerals Option), 1971 Edmonton, Alberta.

(3) I am a graduate of the Imperial College of Science and Technology, Royal School of Mines, London, England, B.Sc. (Hons.) Mining Geology, 1981.

(4) I have been actively involved in mineral exploration since 1971.

(5) I am the author of this report which is based on an exploration program carried out by myself with the assistance of field technicians.

Douglas A. Leishman

Douglas A. Leishman, B.Sc.
Geologist

November 12, 1987
Kamloops, British Columbia

Appendix IV

Analytical Data

ACME [illegible] ALYT[illegible] LA[illegible] TOR[illegible] [illegible] E. [illegible] TING[illegible] V[illegible] JUVE[illegible] C. [illegible] 1R[illegible] PH[illegible] 253[illegible] 8 [illegible] TA [illegible] 25[illegible] 11

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-2 SILT P3-7 SOIL P8-9 PC P10-ROCK AU** PT** PD** BY FA-MS.

DATE RECEIVED: SEPT 16 1987 DATE REPORT MAILED: *Oct 3/87* ASSAYER. *D Toye* .DEAN TOYE, CERTIFIED B.C. ASSAYER

LACANA MINING File # 87-4226 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
HO-15S	1	27	2	48	.3	22	7	269	2.23	2	5	ND	1	19	1	2	2	42	.35	.062	5	40	.81	144	.11	2	1.86	.05	.14	1	3	2	2
HO-18S	1	22	7	41	.2	30	9	409	1.76	3	7	ND	1	21	1	2	2	34	.41	.063	4	60	.70	166	.08	7	1.52	.05	.14	1	3	2	2
HO-36S	1	23	4	55	.1	28	7	191	1.63	10	5	ND	1	18	1	2	2	46	.35	.042	5	38	.73	134	.10	2	1.24	.04	.21	1	3	2	2
HO-37S	1	62	4	46	.4	48	11	236	2.73	2	5	ND	4	19	1	2	2	70	.29	.057	12	53	1.03	216	.13	2	1.86	.05	.48	1	3	2	2
HO-38S	1	28	2	25	.1	23	6	123	1.51	2	5	ND	3	9	1	2	2	40	.20	.046	7	31	.60	119	.08	8	1.07	.04	.26	1	2	2	2
HO-39S	1	35	3	34	.2	31	8	162	1.93	2	5	ND	2	14	1	2	2	53	.25	.044	7	40	.77	164	.11	2	1.37	.04	.30	1	1	2	2
HO-40S	1	32	2	29	.2	30	7	166	1.75	2	5	ND	2	17	1	2	2	46	.34	.039	6	38	.69	144	.09	2	1.24	.04	.21	1	3	2	2
HO-41S	2	35	6	41	.3	40	10	360	2.53	5	5	ND	2	20	1	2	2	67	.37	.044	8	53	.92	230	.13	6	1.88	.04	.27	2	2	2	2
HO-44S	1	24	3	49	.1	38	7	175	1.95	13	5	ND	1	16	1	2	2	52	.27	.037	7	43	.86	154	.11	4	1.46	.04	.26	1	2	2	2
HO-45S	1	17	7	48	.1	18	5	110	1.49	2	5	ND	1	32	1	2	2	46	.50	.027	6	35	.57	130	.13	2	1.07	.04	.12	1	2	2	2
HO-46S	1	39	3	69	.3	30	11	241	2.72	2	7	ND	2	14	1	2	2	73	.23	.039	7	46	.89	177	.14	7	1.52	.04	.34	1	1	2	2
HO-47S	1	30	2	62	.4	35	9	239	2.12	2	5	ND	2	18	1	2	2	52	.35	.053	7	35	.76	125	.12	2	1.21	.04	.24	1	8	2	2
HO-48S	1	35	8	79	.2	34	9	384	1.65	2	5	ND	1	58	1	2	2	43	1.16	.049	7	35	.66	171	.09	15	1.20	.05	.20	1	2	2	2
HO-49S	1	30	2	62	.3	38	9	232	2.03	2	5	ND	1	15	1	2	2	52	.27	.045	5	39	.76	138	.12	18	1.30	.04	.23	1	2	2	2
HO-50S	1	64	6	70	[illegible]	79	15	274	2.72	9	5	ND	2	12	1	2	2	61	.23	.058	7	50	1.02	145	.13	6	1.74	.04	.27	1	4	2	2
HO-51S	1	45	5	83	[illegible]	76	14	258	2.72	5	8	ND	3	14	1	3	3	63	.21	.054	7	53	.90	137	.14	7	2.08	.04	.22	1	2	2	2
HO-52S	1	35	10	94	[illegible]	46	16	716	3.20	22	5	ND	2	15	1	5	2	58	.38	.069	7	45	.92	126	.12	2	1.41	.04	.20	1	20	2	2
HO-53S	4	72	18	150	[illegible]	317	41	3733	6.56	76	5	ND	2	55	1	2	2	122	1.80	.133	6	375	3.94	471	.06	15	3.55	.05	.20	2	5	2	6
HO-54S	1	21	5	39	.2	45	8	285	1.72	5	5	ND	1	13	1	2	2	38	.29	.056	5	33	.73	85	.09	8	1.10	.04	.14	1	2	2	2
HO-55S	1	29	4	85	.2	47	43	3422	2.82	7	5	ND	1	22	1	2	3	56	.29	.059	7	39	.77	138	.12	2	1.97	.04	.19	1	2	2	2
HO-56S	1	19	2	34	.1	28	6	225	1.56	3	5	ND	3	13	1	3	2	33	.34	.073	6	23	.56	65	.08	2	.91	.04	.09	1	2	2	2
HO-58S	1	18	2	27	.1	23	5	160	1.25	6	5	ND	1	11	1	2	2	28	.30	.067	5	28	.49	60	.06	9	.68	.04	.10	1	2	2	2
HO-59S	1	21	2	31	.1	26	6	154	1.40	8	5	ND	2	13	1	2	2	33	.30	.063	5	30	.57	81	.07	2	.85	.04	.16	1	2	2	2
HO-61S	1	19	4	35	.1	34	6	193	1.45	5	5	ND	2	13	1	2	2	32	.34	.072	6	24	.59	77	.07	11	.79	.04	.11	2	3	2	2
HO-62S	1	21	2	26	.1	19	6	159	1.29	4	5	ND	3	13	1	2	2	29	.39	.079	7	22	.50	82	.07	16	.73	.05	.19	1	2	2	2
HO-64S	1	25	4	42	.3	44	10	391	2.09	7	5	ND	2	13	1	2	2	48	.28	.058	6	39	.81	102	.10	6	1.34	.04	.19	1	2	2	2
HO-66S	1	36	2	44	.2	42	10	238	2.52	3	5	ND	2	27	1	2	2	66	.28	.038	8	51	.91	194	.13	5	1.85	.05	.33	1	1	2	2
HO-67S	1	29	4	39	.1	48	9	304	2.28	4	5	ND	2	18	1	2	2	59	.25	.049	7	46	1.00	147	.12	8	1.62	.04	.28	2	2	2	2
HO-68S	1	37	2	32	.2	34	9	271	2.17	4	5	ND	3	11	1	2	2	59	.23	.064	8	44	.87	146	.13	7	1.65	.04	.32	1	2	2	2
HO0-1S	1	20	3	40	.2	20	6	245	1.55	5	5	ND	2	15	1	2	2	35	.34	.060	5	34	.57	101	.08	11	.98	.04	.09	2	3	2	2
HO0-2S	1	27	2	42	.1	34	8	266	1.71	4	5	ND	2	13	1	2	2	37	.27	.045	4	51	.76	140	.10	2	1.42	.04	.15	2	2	2	2
HO0-3S	1	27	6	37	.2	28	5	134	2.31	7	5	ND	2	8	1	2	2	52	.17	.061	5	31	.63	52	.12	2	1.50	.03	.10	1	2	2	2
HO0-4S	1	30	8	58	.1	249	19	325	2.61	13	5	ND	2	18	1	2	2	42	.39	.070	7	71	2.16	85	.09	3	1.31	.05	.11	1	4	2	2
HO0-5S	1	69	5	98	.2	63	16	349	3.63	8	5	ND	3	12	1	2	2	94	.20	.068	8	68	1.43	267	.21	4	3.19	.05	.49	2	26	2	3
HO0-6S	1	24	3	35	.1	24	6	189	1.53	6	5	ND	3	14	1	2	2	36	.32	.067	6	29	.56	89	.08	12	.96	.04	.18	2	3	2	2
HO0-7S	1	27	6	52	.2	36	10	351	1.97	7	5	ND	1	18	1	2	2	45	.44	.065	5	50	.85	84	.09	7	1.20	.05	.15	2	3	2	3
STD C/FA-5X	18	59	37	131	7.2	67	27	1025	3.81	38	17	7	38	49	18	17	21	56	.46	.084	37	58	.88	175	.08	37	1.77	.09	.13	12	99	100	96

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
H00-8S	1	16	2	27	.2	19	4	130	1.06	6	6	ND	2	11	1	2	2	24	.31	.069	4	18	.40	59	.05	10	.58	.04	.12	1	2	2	2
H00-9S	1	27	2	57	.1	28	9	377	2.40	17	5	ND	2	11	1	2	2	54	.28	.058	7	38	.69	140	.10	5	1.44	.04	.23	1	4	2	2
H00-10S	1	18	3	33	.1	28	6	231	1.55	3	5	ND	1	12	1	3	2	34	.23	.040	4	29	.57	92	.09	2	1.18	.03	.10	1	2	2	2
H00-11S	1	27	6	58	.2	30	10	445	2.48	10	7	ND	2	10	1	2	2	57	.22	.052	6	40	.72	136	.11	3	1.66	.04	.22	1	1	2	4
H00-12S	1	22	4	42	.1	25	8	318	1.89	3	5	ND	2	10	1	2	2	40	.23	.049	5	31	.60	106	.09	10	1.53	.04	.13	2	3	2	2
H00-13S	1	28	2	46	.2	34	8	239	2.09	5	6	ND	2	10	1	2	2	53	.25	.049	6	43	.80	118	.11	2	1.72	.04	.16	1	1	2	2
H00-14S	1	15	8	40	.1	18	6	333	1.47	2	5	ND	1	19	1	2	2	30	.34	.057	4	30	.56	139	.08	2	1.20	.04	.13	2	1	2	2
H00-15S	1	20	4	47	.1	24	8	367	1.98	6	5	ND	1	15	1	2	2	43	.28	.048	5	37	.68	145	.10	8	1.47	.04	.18	1	1	2	2
H00-16S	1	15	3	34	.1	22	6	248	1.42	2	5	ND	1	13	1	2	2	31	.31	.063	4	38	.51	118	.07	3	1.08	.04	.12	1	1	2	2
H00-17S	1	25	4	33	.1	46	9	258	1.44	3	5	ND	1	13	1	2	2	30	.38	.046	3	93	.78	117	.07	2	1.11	.04	.12	1	1	2	2
H00-18S	1	20	6	43	.1	33	8	358	1.77	6	5	ND	1	18	1	2	2	35	.35	.055	4	61	.71	160	.09	2	1.50	.04	.14	2	1	2	2
H00-19S	1	29	4	54	.2	39	9	348	2.41	7	5	ND	2	15	1	2	2	54	.35	.066	6	52	.93	195	.12	2	2.03	.05	.23	1	1	2	2
H00-20S	1	37	5	41	.1	39	9	186	2.06	9	5	ND	3	12	1	2	2	54	.30	.069	7	44	.83	155	.12	2	1.41	.05	.34	2	1	2	2
H00-21S	1	25	7	32	.2	29	6	195	1.45	17	5	ND	2	12	1	2	2	31	.33	.064	5	25	.47	81	.07	9	.86	.04	.16	2	3	2	2
H00-22S	1	23	4	43	.2	23	7	331	1.25	7	5	ND	2	12	1	2	2	28	.31	.064	5	23	.44	70	.06	5	.71	.04	.13	1	2	2	2
H00-23S	1	27	5	36	.1	36	8	237	1.86	9	5	ND	3	12	1	2	2	45	.28	.058	6	40	.67	113	.10	2	1.29	.04	.18	3	1	2	2
H00-24S	1	28	4	38	.2	30	8	294	1.79	7	5	ND	2	14	1	2	2	44	.31	.060	6	36	.66	136	.10	4	1.27	.04	.22	1	1	2	2
H00-25S	1	19	5	39	.1	18	9	507	1.88	3	6	ND	1	14	1	2	2	36	.25	.044	4	36	.51	120	.08	2	1.47	.04	.10	1	1	2	2
H00-26S	1	7	29	22	.2	7	3	288	.89	5	5	ND	1	7	1	2	2	27	.11	.032	2	18	.23	61	.11	9	.51	.03	.09	1	1	2	2
H00-27S	1	20	7	32	.1	24	8	389	1.49	7	5	ND	1	13	1	2	2	32	.27	.054	4	43	.53	115	.07	5	1.25	.04	.12	1	1	2	2
H00-28S	1	16	8	31	.1	22	7	296	1.32	3	5	ND	1	15	1	2	2	28	.31	.053	4	36	.49	103	.06	10	1.07	.04	.08	1	2	2	2
H00-29S	1	26	8	44	.2	33	7	311	2.06	9	5	ND	1	17	1	2	2	47	.31	.050	6	37	.64	169	.10	28	1.54	.05	.20	2	1	2	2
H00-30S	1	15	6	34	.1	20	5	194	1.41	5	5	ND	1	26	1	2	2	34	.47	.041	4	33	.46	98	.07	3	1.22	.04	.08	1	1	2	2
H00-31S	1	23	6	39	.1	29	7	308	1.67	5	5	ND	1	18	1	2	2	37	.37	.063	5	38	.66	149	.08	2	1.21	.04	.16	2	2	6	13
H00-32S	1	20	2	24	.2	23	6	152	1.27	6	5	ND	2	8	1	2	2	29	.26	.061	5	23	.48	75	.06	2	.75	.03	.15	1	1	2	2
H00-33S	1	28	3	34	1.0	32	7	189	1.58	6	6	ND	3	12	1	2	2	39	.30	.067	7	35	.60	109	.08	2	.92	.04	.20	1	1	2	2
H00-34S	1	28	7	24	.1	29	5	142	1.30	9	5	ND	2	11	1	2	2	28	.36	.071	5	24	.51	73	.06	2	.64	.03	.18	1	1	2	2
H00-35S	1	25	3	31	.1	26	6	153	1.33	10	5	ND	2	9	1	2	2	30	.28	.067	6	25	.49	78	.06	5	.70	.03	.17	2	1	2	2
H00-42S	1	23	3	22	.1	23	5	133	1.21	7	6	ND	3	12	1	2	2	28	.35	.062	5	22	.47	80	.06	2	.66	.04	.17	1	1	2	2
H00-43S	1	23	3	23	[illegible]	24	5	140	1.23	6	5	ND	2	13	1	2	2	28	.38	.069	5	20	.47	77	.06	5	.65	.04	.17	1	1	2	2
H00-57S	1	24	3	40	.1	35	8	204	1.75	6	5	ND	1	11	1	2	2	42	.27	.057	5	51	.70	99	.09	3	1.15	.04	.19	2	2	2	2
H00-63S	1	23	2	33	.1	23	6	191	1.31	8	5	ND	2	8	1	2	2	30	.27	.075	5	22	.45	95	.06	3	.67	.03	.19	1	3	2	2
H00-69S	1	17	6	37	.1	20	7	325	1.45	2	5	ND	1	17	1	2	2	30	.37	.060	5	33	.58	156	.07	5	1.22	.04	.12	1	2	2	2
H00-70S	1	40	5	42	.1	83	[illegible]	438	1.88	2	5	ND	1	24	1	2	2	38	.52	.046	3	183	1.24	184	.08	5	1.59	.05	.16	2	2	4	2
STD C/FA-5X	18	57	38	132	7.0	67	26	1025	3.74	37	17	7	38	48	17	18	21	55	.45	.082	36	56	.84	173	.08	38	1.76	.08	.12	12	99	103	95

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
L0+00 75W	1	57	6	113	.1	95	20	659	3.99	18	5	ND	1	15	1	2	2	87	.13	.092	4	98	.91	110	.16	3	2.77	.03	.10	1	3	2	2
L0+00 62.5W	1	42	12	120	.3	88	14	486	3.57	25	5	ND	2	7	1	2	2	72	.08	.063	5	66	.92	64	.12	6	2.41	.03	.06	1	2	2	2
L0+00 37.5W	1	53	16	121	.5	101	14	489	3.55	23	5	ND	2	7	1	2	2	73	.14	.110	6	73	1.08	98	.15	3	2.68	.04	.15	1	2	2	2
L0+00 0+87.5W	1	43	8	81	.1	49	18	1647	3.75	7	5	ND	1	8	1	2	2	76	.08	.064	3	66	.55	119	.16	2	1.68	.03	.08	1	1	2	2
L0+00 0+50W	1	8	5	36	.2	11	3	221	2.15	8	5	ND	1	4	1	2	2	67	.04	.043	5	32	.30	53	.13	2	1.08	.02	.05	1	1	2	2
L0+00 0+25W	1	32	11	73	.6	35	7	834	3.48	34	5	ND	1	5	1	2	2	79	.07	.062	5	53	.52	60	.08	2	1.97	.02	.08	1	1	2	2
L0+00 0+12.5W	1	78	18	129	.3	138	16	384	3.66	40	5	ND	2	6	1	2	2	73	.14	.082	5	77	1.43	125	.15	5	2.67	.04	.24	1	5	2	2
L0+00 1+00E	1	26	6	80	.1	29	7	277	2.92	16	5	ND	1	6	1	2	2	61	.07	.074	5	39	.32	54	.12	2	2.38	.02	.03	1	1	2	2
L0+00 12.5E	1	361	8	68	.1	367	27	302	4.71	13	5	ND	1	4	1	2	2	74	.06	.058	3	494	1.55	441	.14	2	2.25	.03	.25	1	3	27	20
L0+00 25E	1	25	6	44	.1	20	4	242	4.16	6	5	ND	1	4	1	2	2	117	.03	.052	6	64	.54	108	.31	2	1.34	.03	.12	3	54	2	2
L0+00 37.5E	1	36	6	88	.1	54	9	175	4.56	9	5	ND	2	6	1	2	2	110	.06	.085	6	67	.58	73	.21	4	2.08	.03	.06	1	1	2	2
L0+00 50E	1	20	10	95	.1	53	8	217	3.40	13	5	ND	2	5	1	2	2	85	.06	.061	5	54	.50	67	.18	5	1.74	.03	.06	1	2	2	2
L0+00 62.5E	1	15	13	74	.1	34	6	184	3.36	10	5	ND	1	6	1	2	2	77	.07	.072	4	45	.42	55	.18	2	1.56	.03	.04	1	2	2	2
L0+00 75E	1	9	6	49	.2	12	4	397	2.38	7	5	ND	1	6	1	2	2	70	.07	.052	4	40	.44	79	.24	5	1.09	.03	.12	1	1	2	2
L0+00 87.5E	1	27	7	155	.1	28	8	312	3.53	11	5	ND	3	7	1	2	2	75	.08	.181	5	47	.51	65	.19	2	2.57	.03	.07	1	1	2	2
L100N 1+00W	1	69	17	125	.2	158	19	391	3.40	31	5	ND	3	8	1	2	2	66	.20	.089	6	70	1.31	106	.14	6	2.25	.04	.18	1	4	2	2
L100N 0+87.5W	1	8	7	20	.1	12	2	66	1.63	3	5	ND	1	3	1	2	2	67	.04	.032	4	17	.13	26	.20	2	.42	.02	.03	1	1	2	2
L100N 0+75W	2	32	7	52	.6	25	5	152	4.88	11	5	ND	1	5	1	2	2	133	.08	.127	4	72	.56	55	.15	2	1.53	.03	.07	2	2	2	2
L100N 0+62.5W	1	35	14	112	.1	61	13	671	3.65	16	5	ND	1	8	1	2	2	72	.12	.109	5	57	.78	77	.14	5	2.28	.03	.10	1	1	2	2
L100N 0+50W	1	73	10	97	.8	77	13	420	4.02	30	5	ND	2	6	1	2	2	79	.13	.091	7	97	.91	120	.13	2	2.26	.04	.20	1	4	4	3
L100N 0+37.5W	1	23	13	58	.4	19	4	97	5.22	18	5	ND	2	12	1	2	2	141	.06	.145	7	50	.29	52	.21	3	1.62	.03	.04	1	1	2	2
L100N 0+25W	1	13	14	34	.3	8	3	105	5.24	14	5	ND	1	4	1	2	4	150	.06	.071	4	34	.33	32	.27	2	1.35	.03	.03	1	1	2	2
L100N 0+12.5W	1	28	15	74	1.9	42	7	135	5.39	41	5	ND	3	9	1	2	2	129	.12	.155	5	56	.51	44	.20	2	1.53	.03	.06	1	1	2	2
L100N 0+12.5E	1	4	6	11	.1	5	1	53	.83	4	5	ND	1	4	1	2	2	28	.04	.015	7	10	.06	14	.10	3	.28	.02	.01	1	1	2	2
L100N 0+25E	1	16	10	44	.3	19	4	189	2.55	7	5	ND	1	5	1	2	2	57	.06	.075	4	38	.22	33	.09	2	1.44	.02	.03	1	1	2	2
L100N 0+37.5E	1	16	3	58	.1	8	4	144	3.87	2	5	ND	1	5	1	2	2	99	.05	.047	4	39	.43	91	.30	2	1.60	.03	.09	1	1	2	2
L100N 0+50E	1	34	4	86	.1	21	8	75	4.64	9	5	ND	2	3	1	2	2	133	.03	.083	5	61	.68	63	.29	2	2.52	.03	.07	1	1	2	2
L25N 1+00W	1	26	11	92	.1	75	12	304	3.53	17	5	ND	2	14	1	2	2	73	.13	.067	4	66	.61	97	.12	2	2.11	.03	.06	1	1	2	2
L25N 0+87.5W	2	24	13	87	.2	44	9	223	4.38	14	5	ND	1	8	1	2	2	110	.07	.081	4	84	.62	84	.17	2	2.42	.03	.08	1	1	2	2
L25N 0+75W	1	25	11	157	.5	54	11	211	4.07	14	5	ND	2	7	1	2	2	78	.08	.103	5	66	.60	63	.14	2	3.18	.03	.08	1	1	2	2
L25N 0+62.5W	2	16	11	46	.2	10	3	83	3.64	8	5	ND	2	7	1	2	3	118	.03	.081	7	38	.30	86	.25	4	1.18	.03	.10	2	1	4	2
L25N 0+50W	1	37	10	149	.6	55	13	365	4.09	11	5	ND	3	8	1	2	2	82	.10	.105	6	67	.70	71	.21	5	3.78	.04	.12	1	1	2	2
L25N 0+37.5W	1	77	11	230	1.2	85	20	515	4.17	16	5	ND	4	9	1	2	2	75	.09	.152	7	63	.64	84	.16	10	4.23	.03	.07	1	1	2	2
L25N 0+25W	1	90	15	129	.1	168	20	480	4.05	56	5	ND	3	7	1	2	2	82	.16	.088	6	111	1.73	173	.17	3	2.67	.04	.33	1	8	4	3
L25N 0+12.5W	2	296	4	84	.1	374	33	410	4.89	18	5	ND	3	4	1	2	2	96	.05	.045	4	378	1.83	91	.17	5	2.59	.03	.19	1	1	8	8
L25N 0+12.5E	1	31	3	122	.1	52	11	234	4.27	7	5	ND	2	5	1	2	2	91	.06	.076	5	64	.72	71	.29	2	3.15	.03	.10	1	1	2	2
STD C/FA-5X	18	58	38	132	7.1	67	27	1030	3.80	38	19	7	38	49	18	17	20	56	.46	.084	37	59	.85	176	.08	37	1.77	.09	.13	13	96	101	104

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU**	PT**	PD**
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB	PPB	PPB
L25N 0+25E	1	19	8	91	.4	28	8	220	3.91	4	5	ND	3	5	1	2	2	89	.07	.059	6	45	.52	69	.30	2	2.48	.03	.10	1	2	2	2
L25N 0+37.5E	1	67	16	130	.4	90	16	260	4.38	20	7	ND	4	6	1	3	2	95	.08	.056	7	77	1.14	103	.23	2	3.07	.04	.14	1	5	2	2
L25N 0+50E	1	21	9	64	.6	67	8	423	3.03	5	5	ND	1	6	1	2	2	77	.09	.051	5	45	.58	77	.20	13	1.46	.03	.10	1	1	2	2
L2+50N 1+00W	1	19	14	81	.6	29	5	243	4.78	37	9	ND	3	11	1	2	2	94	.10	.088	5	51	.35	40	.13	3	3.92	.03	.03	1	3	2	2
L2+50N 0+87.5W	1	74	22	118	.4	97	13	362	3.44	31	6	ND	3	8	1	2	2	71	.25	.101	7	68	1.37	133	.16	3	2.57	.05	.31	1	3	2	2
L2+50N 0+75W	1	30	19	93	.5	33	6	150	5.10	23	5	ND	3	6	1	4	2	98	.07	.138	5	69	.48	44	.15	3	5.02	.03	.05	1	1	2	2
L2+50N 0+62.5W	1	48	22	121	.4	211	22	549	3.51	52	5	ND	3	13	1	2	2	48	.21	.074	6	93	1.54	47	.10	2	1.82	.04	.06	1	3	2	2
L2+50N 0+50W	1	31	22	112	.3	120	11	416	2.96	26	5	ND	2	11	1	2	2	51	.15	.080	4	75	1.07	49	.10	4	2.09	.03	.05	1	2	2	2
L2+50N 0+37.5W	1	24	22	112	.1	48	8	173	4.56	22	5	ND	2	7	1	2	2	90	.06	.131	5	76	.73	45	.17	2	2.71	.03	.07	1	1	2	2
L2+50N 0+25W	1	31	28	132	.1	74	10	223	4.06	18	5	ND	3	8	1	2	2	80	.10	.059	5	82	.91	53	.14	2	3.21	.03	.06	1	1	2	2
L2+50N 0+12.5W	1	48	22	170	.2	68	13	294	3.79	20	5	ND	3	8	1	2	3	71	.09	.102	4	75	.70	64	.14	3	4.16	.03	.07	2	1	2	2
L2+00N 100W	1	65	18	138	.7	107	18	488	4.04	41	5	ND	3	11	1	2	2	83	.23	.109	6	69	1.17	146	.17	4	2.98	.04	.27	1	2	2	2
L2+00N 87.5W	3	54	25	102	[illegible]	63	19	4466	3.02	16	5	ND	1	9	1	2	2	66	.11	.091	6	63	.67	100	.15	4	3.29	.03	.15	1	1	2	2
L2+00N 75W	1	14	22	53	.8	10	3	124	3.90	8	5	ND	3	5	1	2	2	71	.03	.158	4	55	.18	34	.18	2	5.89	.02	.03	1	1	2	2
L2+00N 62.5W	1	32	28	208	.7	71	13	243	4.34	16	5	ND	3	8	1	2	2	75	.09	.080	5	74	.71	67	.17	2	4.78	.03	.05	1	1	2	2
L2+00N 50W	1	42	26	111	.1	72	11	381	3.37	83	5	ND	3	8	1	3	2	61	.15	.094	5	60	1.01	78	.12	3	3.23	.04	.13	1	1	2	2
L2+00N 37.5W	1	29	21	104	.5	58	9	353	3.51	34	5	ND	4	8	1	2	2	68	.14	.085	5	57	.83	82	.13	2	2.97	.04	.13	1	3	2	2
L2+00N 25W	1	17	16	90	.6	42	6	166	3.54	30	5	ND	3	8	1	2	2	58	.09	.066	5	55	.56	40	.11	2	3.53	.03	.02	1	2	2	2
L2+00N 12.5W	1	13	16	71	.3	25	5	117	3.21	25	5	ND	2	6	1	2	2	70	.06	.083	4	45	.36	42	.10	3	2.34	.02	.04	1	3	2	2
L1+75N 100W	1	20	10	58	.6	23	5	384	3.42	11	5	ND	1	6	1	3	3	83	.08	.102	4	36	.25	56	.17	4	2.02	.03	.06	1	1	2	2
L1+75N 87.5W	9	85	7	88	2.2	57	31	3908	3.35	24	6	ND	1	78	1	2	2	65	.49	.085	7	42	.67	116	.09	2	2.57	.04	.08	1	12	2	3
L1+75N 75W	1	16	9	43	.3	9	3	201	5.50	7	5	ND	2	8	1	2	2	199	.13	.091	4	37	.28	28	.44	3	1.27	.03	.04	1	2	2	2
L1+75N 62.5W	1	26	19	90	.5	47	8	326	3.35	19	5	ND	1	7	1	2	4	73	.11	.073	5	49	.60	57	.14	6	2.42	.03	.08	1	1	2	2
L1+75N 50W	1	26	21	77	.3	48	7	190	3.67	17	5	ND	2	6	1	2	2	89	.09	.057	6	56	.62	62	.16	2	2.21	.03	.10	1	2	2	2
L1+75N 37.5W	1	69	[illegible]	149	.4	116	15	368	3.76	36	5	ND	4	7	1	2	2	74	.15	.079	6	74	1.53	126	.17	6	2.82	.04	.28	1	3	2	2
L1+75N 25W	1	57	42	146	.3	106	13	293	3.88	28	5	ND	4	8	1	2	2	78	.11	.059	7	75	1.38	98	.17	2	3.15	.04	.16	1	3	2	2
L1+75N 12.5W	1	16	20	89	.6	29	6	151	2.94	21	5	ND	2	7	1	2	2	66	.07	.039	6	45	.33	47	.12	2	2.52	.03	.03	1	2	2	2
L1+75N 12.5E	1	3	3	11	.3	4	1	52	.84	3	5	ND	2	3	1	2	3	28	.02	.009	7	14	.05	19	.09	3	.41	.02	.01	1	3	2	2
L1+75N 12.5E A	1	85	24	125	.4	145	15	289	3.73	28	7	ND	4	7	1	2	2	74	.16	.069	6	74	1.53	128	.17	2	2.77	.04	.26	1	2	2	2
L1+75N 25E	1	47	31	134	.3	150	13	252	3.27	24	5	ND	4	8	1	2	2	67	.12	.034	6	84	1.46	93	.14	2	2.73	.04	.09	1	2	2	2
L1+75N 25E A	1	20	10	76	.2	28	5	149	4.39	8	5	ND	3	4	1	2	3	100	.05	.106	4	55	.49	60	.25	3	2.25	.03	.08	2	1	2	2
L1+75N 37.5E	1	10	14	63	.6	20	4	114	3.64	13	5	ND	3	8	1	2	2	75	.08	.044	7	52	.23	32	.10	2	2.19	.02	.01	1	1	2	2
L1+75N 37.5E A	1	27	4	58	.2	22	6	126	3.74	10	5	ND	1	5	1	2	4	96	.04	.073	5	42	.52	73	.30	2	1.42	.03	.07	1	2	2	2
L1+75N 50E	1	12	19	92	.4	35	5	123	3.86	26	5	ND	2	7	1	2	3	70	.08	.122	5	56	.37	33	.14	2	2.26	.03	.03	1	1	2	2
L1+75N 50E A	1	24	5	84	.4	22	8	191	4.16	6	5	ND	2	4	1	2	2	104	.06	.052	6	52	.59	85	.30	2	1.84	.03	.08	1	1	2	2
L1+50N 100W	1	15	19	46	.3	15	4	366	4.42	11	5	ND	3	7	1	2	3	115	.06	.145	6	39	.24	33	.19	2	1.52	.02	.04	2	1	2	2
L1+50N 87.5W	3	56	11	85	1.1	59	23	2434	3.11	20	5	ND	1	38	1	2	2	67	.28	.093	7	56	.55	90	.11	4	2.57	.04	.07	1	10	2	2
STD C/FA-5X	18	57	38	132	7.0	66	26	1026	3.82	40	18	7	37	49	17	17	19	55	.46	.083	37	58	.85	174	.08	36	1.79	.08	.11	12	102	98	95

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
L1+50N 75W	1	17	16	26	.7	13	3	62	3.82	8	5	ND	1	4	1	2	2	110	.05	.084	5	30	.21	32	.21	2	1.03	.03	.04	1	2	2	2
L1+50N 62.5W	1	16	15	46	.8	10	3	123	5.14	9	5	ND	3	8	1	2	2	123	.05	.125	4	53	.28	43	.25	2	1.86	.03	.04	1	2	2	2
L1+50N 50W	1	27	22	84	.2	48	8	360	2.77	27	5	ND	2	7	1	2	2	56	.15	.072	5	47	.69	62	.11	2	2.12	.03	.10	1	3	2	2
L1+50N 37.5W	1	21	30	91	.2	45	7	143	4.82	21	5	ND	3	5	1	2	3	91	.06	.155	4	70	.44	32	.15	2	3.87	.03	.04	1	2	2	2
L1+50N 25W	1	13	16	79	.8	22	5	93	4.34	12	5	ND	3	5	1	2	3	87	.05	.094	4	53	.28	29	.14	4	3.03	.03	.04	1	1	2	2
L1+50N 12.5W	1	19	11	73	.8	40	7	167	3.96	33	5	ND	2	6	1	2	2	89	.08	.091	4	59	.60	38	.12	2	2.48	.03	.06	1	4	2	2
L1+50N 12.5E	1	11	14	99	.6	40	6	143	3.01	19	5	ND	2	7	1	2	2	58	.09	.105	4	53	.38	34	.10	2	2.99	.03	.01	1	1	2	2
L1+50N 25E	1	16	8	78	.6	36	6	150	2.89	23	5	ND	3	7	1	2	2	48	.08	.071	4	99	.36	30	.10	4	2.61	.03	.04	1	1	2	2
L1+50N 37.5E	1	8	15	57	.3	17	3	104	3.52	23	6	ND	3	6	1	3	3	67	.08	.257	5	55	.24	36	.13	3	2.86	.03	.03	1	2	2	2
L1+50N 50E	1	13	5	70	.2	15	6	123	3.68	9	5	ND	3	3	1	2	2	111	.04	.056	5	49	.62	49	.28	2	1.84	.03	.07	1	1	2	2
L0+50N 0+25E	1	40	2	119	.1	41	13	315	4.18	6	5	ND	4	5	1	2	2	106	.08	.052	7	84	1.24	132	.32	3	3.13	.04	.34	1	1	2	2
L0+50N 0+37.5E	1	37	12	89	.3	43	9	305	3.41	17	5	ND	3	6	1	2	2	78	.09	.075	5	56	.70	82	.19	5	2.32	.04	.13	1	2	2	2
L0+50N 0+50E	1	21	5	82	.2	36	10	557	2.94	3	5	ND	2	5	1	2	2	74	.08	.046	5	44	.58	98	.19	4	1.53	.03	.08	1	2	2	2
L0+50N 1+00E	1	10	13	53	.3	25	4	149	2.75	14	5	ND	2	6	1	3	2	69	.07	.055	5	38	.23	46	.13	2	1.29	.02	.05	1	1	2	2
L0+50N 1+12.5E	1	20	14	83	.3	39	6	151	2.89	17	5	ND	2	6	1	2	2	70	.07	.069	5	44	.43	55	.11	8	1.89	.03	.05	1	1	2	2
L0+50N 12.5E	1	230	10	77	.4	250	20	304	4.41	16	6	ND	3	4	1	2	2	73	.09	.058	4	488	1.79	151	.16	3	2.36	.04	.30	1	2	[illegible]	11
L0+50N 12.5E A	1	47	9	91	.6	51	11	551	3.78	15	5	ND	3	6	1	2	2	90	.10	.102	6	71	.77	96	.22	12	2.65	.04	.18	1	7	3	2
L0+50N 25E	1	12	5	45	.3	9	5	345	2.89	3	5	ND	2	5	1	2	2	71	.06	.044	4	42	.34	39	.18	2	2.27	.03	.05	1	1	2	2
L0+50N 37.5E	1	31	8	88	.4	53	10	593	3.41	18	5	ND	3	6	1	2	2	82	.11	.097	5	58	.75	70	.16	3	2.47	.03	.10	1	1	2	2
L0+50N 50E	1	21	4	61	.5	26	7	416	3.09	8	5	ND	2	6	1	2	2	69	.10	.115	4	39	.41	68	.16	3	2.08	.03	.08	1	1	2	2
L0+50N 62.5E	1	10	6	26	.4	7	3	310	1.38	2	5	ND	1	4	1	2	2	37	.08	.034	3	18	.33	55	.17	2	.58	.03	.08	1	1	2	2
L0+50N 62.5E A	1	40	17	109	.9	94	14	387	3.29	18	5	ND	2	6	1	2	2	66	.10	.080	5	62	.98	71	.14	2	2.59	.03	.11	1	3	2	2
L0+50N 75E	1	6	5	21	.1	8	2	59	1.40	3	5	ND	1	3	1	2	2	46	.05	.025	4	19	.21	41	.18	6	.45	.03	.06	1	1	2	2
L0+50N 75E A	1	4	5	23	.5	5	2	252	1.43	2	5	ND	1	3	1	2	2	43	.05	.017	3	10	.16	53	.17	2	.64	.02	.08	1	1	2	2
L0+50N 87.5E	1	24	8	113	.5	78	12	581	2.88	14	5	ND	1	12	1	2	2	54	.17	.130	3	56	.85	82	.10	2	1.78	.03	.06	1	1	2	2
L0+50N 87.5E A	1	6	12	37	.2	15	2	100	1.95	7	5	ND	2	8	1	2	2	46	.10	.065	5	30	.14	24	.11	2	1.10	.03	.03	1	1	2	2
L0+50N 100E	1	13	17	72	.4	35	7	186	4.48	11	5	ND	3	7	1	2	2	116	.07	.102	5	74	.48	76	.17	4	1.90	.03	.08	1	1	2	2
L25S 1+00W	1	39	7	123	.3	189	19	275	4.07	15	5	ND	3	6	1	2	3	86	.09	.091	4	89	1.49	57	.14	3	3.15	.03	.06	1	1	2	2
L25S 0+87.5W	1	49	10	103	.3	170	16	249	3.41	16	5	ND	3	7	1	2	2	66	.13	.062	5	81	1.53	78	.14	6	2.32	.04	.10	1	8	2	2
L25S 0+75W	1	49	10	98	.3	169	16	269	3.26	17	5	ND	2	7	1	2	2	63	.14	.059	5	79	1.54	82	.13	2	2.15	.04	.12	1	1	2	2
L25S 0+62.5W	1	18	11	80	.3	45	8	294	3.73	10	5	ND	2	6	1	2	2	94	.07	.079	5	60	.50	80	.16	2	1.84	.03	.07	1	1	2	2
L25S 0+50W	1	48	11	125	.7	107	14	433	3.63	25	5	ND	3	7	1	2	2	71	.09	.110	5	80	.99	56	.12	10	2.94	.04	.08	1	1	2	2
L25S 0+37.5W	1	47	17	107	.6	95	13	334	3.44	21	5	ND	3	8	1	2	2	74	.19	.115	6	74	1.17	110	.16	5	2.33	.04	.22	1	1	2	2
L25S 0+25W	1	15	8	84	.7	95	9	325	3.36	12	5	ND	3	6	1	2	2	71	.07	.069	5	163	.62	47	.14	21	1.78	.03	.06	1	1	2	2
L25S 0+12.5W	2	312	3	84	.4	614	31	271	4.13	10	6	ND	3	5	1	2	2	62	.06	.038	7	520	1.72	70	.14	8	2.51	.03	.11	1	1	8	7
L25S 0+12.5E	1	319	5	71	.3	328	22	358	4.63	8	5	ND	3	6	1	2	3	74	.08	.058	4	475	1.51	145	.14	9	2.27	.04	.25	1	2	12	15
STD C/FA-5X	18	57	37	132	6.9	68	27	1023	3.73	39	19	8	38	49	18	17	22	56	.49	.083	37	59	.84	176	.08	36	1.75	.08	.13	13	98	99	95

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
L25S 0+25E	3	20	8	54	.2	21	6	243	3.28	4	5	ND	2	4	1	2	4	94	.06	.062	5	46	.57	51	.19	2	1.45	.03	.06	1	4	2	2
L25S 0+37.5E	2	43	8	85	.1	66	11	320	3.54	6	5	ND	2	5	1	2	2	84	.05	.048	6	59	.67	78	.18	3	1.89	.03	.09	1	3	2	2
L25S 0+50E	3	33	8	108	.1	52	10	295	3.92	8	5	ND	2	5	1	2	3	93	.06	.072	5	61	.65	81	.20	2	2.49	.03	.08	1	2	2	2
L50S 1+00W	2	56	13	116	.1	161	16	347	3.37	26	5	ND	3	8	1	2	2	74	.15	.062	6	84	1.91	156	.16	2	2.52	.04	.31	1	3	2	3
L50S 0+87.5W	2	72	11	110	.1	172	17	298	3.58	23	5	ND	4	7	1	2	2	75	.15	.062	7	86	2.04	145	.16	2	2.24	.04	.29	1	5	2	2
L50S 0+75W	2	19	10	70	.1	52	7	194	3.44	8	5	ND	2	6	1	2	2	82	.07	.065	4	61	.54	76	.13	2	2.13	.03	.06	1	3	2	2
L50S 0+62.5W	2	32	10	95	.3	74	11	251	3.48	8	5	ND	3	7	1	2	2	81	.08	.056	5	74	.67	78	.14	2	2.20	.03	.08	1	1	2	2
L50S 0+50W	2	8	8	41	.5	13	3	216	2.12	5	5	ND	2	5	1	2	2	75	.06	.054	5	34	.41	67	.22	2	1.10	.03	.11	1	2	2	2
L50S 0+37.5W	2	54	12	135	.5	118	16	236	3.39	23	5	ND	3	7	1	2	2	72	.08	.056	6	87	1.13	69	.14	3	2.85	.04	.11	1	1	2	2
L50S 0+25W	2	59	19	115	.3	142	15	323	3.18	25	5	ND	3	8	1	2	2	63	.20	.084	7	74	1.60	112	.13	7	2.14	.04	.26	1	3	2	2
L50S 0+12.5W	2	14	7	44	.2	14	3	124	3.19	7	5	ND	2	5	1	2	3	99	.05	.075	6	34	.36	58	.26	2	1.31	.03	.08	2	3	2	2
L50S 0+12.5E	1	14	10	36	.1	15	3	566	1.70	4	5	ND	1	8	1	2	2	53	.08	.061	5	25	.30	54	.14	2	.94	.03	.07	1	1	5	2
L50S 0+25E	2	24	9	113	.5	43	9	415	4.10	12	5	ND	2	7	1	2	2	91	.08	.132	5	60	.61	70	.15	3	2.44	.03	.08	1	1	2	3
L50S 0+37.5E	1	18	9	68	.5	20	4	159	3.47	11	5	ND	2	6	1	2	2	68	.05	.234	4	49	.26	54	.16	3	3.11	.03	.04	1	1	2	2
L50S 0+50E	1	21	10	91	.2	36	7	186	3.72	21	5	ND	2	9	1	2	2	101	.08	.100	6	60	.61	86	.17	2	2.16	.04	.15	1	1	2	2
L100S 1+00W	2	34	2	91	.2	11	5	160	3.26	2	5	ND	2	11	1	2	2	105	.09	.039	5	69	1.36	447	.25	2	2.09	.08	1.23	1	2	2	2
L100S 0+87.5W	1	22	2	55	.1	60	9	241	2.56	2	5	ND	2	22	1	2	2	79	.51	.052	3	82	1.61	279	.16	2	1.75	.12	.73	1	1	2	2
L100S 0+75W	1	42	3	54	.4	18	8	610	2.63	7	5	ND	2	7	1	2	2	85	.06	.028	5	59	.76	213	.20	4	1.59	.04	.41	1	1	2	3
L100S 0+62.5W	1	29	8	74	.2	91	8	113	2.82	7	5	ND	2	5	1	2	2	67	.05	.041	4	145	.56	35	.12	2	1.54	.03	.04	1	1	4	2
L100S 0+50W	1	8	6	15	.2	7	2	52	2.02	6	5	ND	2	3	1	2	2	84	.04	.045	5	22	.19	28	.33	2	.56	.03	.06	1	1	10	2
L100S 0+37.5W	2	56	9	98	.4	38	8	103	3.93	7	5	ND	4	6	1	2	2	103	.06	.046	10	52	.60	96	.06	2	2.36	.03	.12	2	1	2	2
L100S 0+25W	1	26	14	130	.5	41	7	150	3.65	9	6	ND	3	8	1	2	2	74	.08	.123	6	55	.51	70	.18	2	3.14	.03	.08	1	2	2	2
L100S 0+12.5W	1	76	9	107	.2	118	13	195	3.71	16	5	ND	3	6	1	2	2	85	.06	.068	6	83	.88	87	.16	2	3.33	.03	.10	1	2	2	2
L100S 0+12.5E	1	50	4	141	.3	62	14	502	4.10	10	5	ND	4	8	1	2	2	85	.09	.115	8	64	.81	106	.16	7	3.48	.04	.17	1	1	2	2
L100S 0+25E	1	22	3	102	.1	40	9	239	4.19	8	5	ND	3	5	1	2	2	100	.05	.065	6	60	.62	76	.27	2	2.31	.03	.09	1	18	2	2
L100S 0+37.5E	1	23	11	87	.1	55	8	297	3.42	9	5	ND	3	7	1	2	2	86	.07	.046	6	60	.53	122	.20	2	1.59	.03	.10	1	4	2	2
L100S 0+50E	1	22	7	110	.3	27	7	218	3.90	4	5	ND	3	5	1	2	2	96	.05	.081	5	59	.55	109	.27	2	2.25	.03	.17	1	1	2	2
L150S 0+12.5E	1	137	10	135	.2	222	21	183	4.11	18	5	ND	3	5	1	2	2	90	.07	.068	5	127	.89	94	.19	2	2.30	.03	.11	1	1	3	2
L150S 0+25E	1	50	9	132	.2	104	16	403	4.09	9	5	ND	3	9	1	2	2	101	.13	.078	5	86	.86	159	.24	4	2.50	.04	.16	1	1	2	2
L150S 0+37.5E	1	21	4	83	.1	37	10	241	3.77	6	5	ND	3	6	1	3	2	102	.06	.044	7	59	.63	112	.29	2	1.88	.03	.12	1	1	2	2
L150S 0+50E	1	28	2	106	.1	37	10	193	3.66	7	5	ND	4	7	1	2	2	88	.09	.077	6	59	.74	99	.26	3	2.59	.04	.09	2	2	2	2
BL 2+50N	1	12	16	67	.1	22	4	119	3.88	12	5	ND	3	6	1	2	2	93	.06	.053	5	61	.29	30	.15	2	2.31	.03	.03	1	1	2	2
BL 2+25N	1	16	11	83	.5	37	6	128	3.17	21	5	ND	3	9	1	2	2	60	.10	.149	5	67	.45	31	.10	2	2.52	.03	.04	1	2	2	2
BL 2+00N	1	21	16	243	.5	58	11	222	3.55	15	5	ND	4	9	1	2	2	66	.10	.093	6	65	.68	72	.14	2	3.06	.03	.06	2	5	2	2
BL 1+75N	1	15	12	121	.5	32	7	169	2.67	17	9	ND	3	10	1	2	2	51	.10	.058	5	43	.43	44	.11	2	2.56	.03	.04	1	3	2	2
BL 1+50N	1	11	6	34	.7	9	2	62	2.64	14	5	ND	3	4	1	2	2	52	.03	.057	5	35	.15	29	.10	2	3.27	.02	.02	1	4	2	2
STD C/FA-5X	19	58	37	132	7.0	68	27	1020	3.71	36	18	7	39	50	18	15	19	57	.45	.084	37	56	.83	178	.08	31	1.75	.09	.13	12	100	98	102

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM
BL 1+25N	1	10	8	25	.3	13	2	53	1.47	10	5	ND	1	5	1	2	2
BL 1+00N	1	13	7	72	.4	14	4	149	4.36	7	5	ND	3	5	1	2	2
BL 0+75N	1	68	41	182	.3	98	14	244	3.60	20	5	ND	3	6	1	2	2
BL 0+50N	1	73	10	122	.4	115	16	658	3.44	30	5	ND	4	10	1	2	2
BL 0+25N	1	241	12	58	.5	200*	19	349	5.40	17	5	ND	2	4	1	2	2
BL 0+00	1	174	9	87	.2	141	16	311	4.42	15	5	ND	2	5	1	2	2
BL 0+25S	1	142	9	76	.4	140	15	418	3.86	12	5	ND	2	6	1	2	2
BL 0+50S	1	60	9	116	.4	75	13	325	3.86	9	5	ND	3	6	1	2	2
BL 0+75S	1	20	6	90	.3	24	9	462	3.23	5	5	ND	2	4	1	2	2
BL 1+00S	1	61	13	137	.6	100	14	399	3.37	35	5	ND	3	9	1	2	2
BL 1+25S	1	108	14	129	.8	170	22	432	3.99	73	5	ND	4	8	1	3	2
BL 1+50S	1	97	13	133	.3	143	22	325	3.55	29	5	ND	2	8	1	2	2
STD C/FA-5X	18	59	37	133	7.2	68	28	1046	3.71	37	18	8	40	51	18	18	22

SAMPLE#	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
BL 1+25N	46	.04	.027	6	30	.18	30	.07	2	.72	.02	.04	1	8	2	2
BL 1+00N	80	.07	.088	5	33	.41	64	.26	2	1.58	.03	.06	1	1	2	2
BL 0+75N	78	.09	.057	5	90	1.25	69	.17	2	3.27	.04	.08	1	2	2	2
BL 0+50N	75	.14	.079	6	65	.98	77	.15	3	3.13	.04	.14	1	3	2	2
BL 0+25N	67	.06	.070	3	277	.83	89	.13	2	1.79	.03	.15	2	5	48	20
BL 0+00	79	.09	.079	4	190	1.08	121	.14	2	2.41	.03	.22	2	3	8	12
BL 0+25S	74	.09	.089	4	178	.88	117	.15	2	2.24	.04	.19	1	3	16	6
BL 0+50S	90	.07	.091	6	84	.82	133	.23	2	2.69	.03	.20	1	4	2	2
BL 0+75S	93	.08	.073	6	52	.77	118	.15	3	1.63	.03	.13	1	1	2	2
BL 1+00S	76	.10	.060	6	72	.82	137	.17	2	2.58	.03	.21	1	5	4	2
BL 1+25S	83	.10	.066	7	116	1.21	154	.17	5	2.71	.04	.25	1	8	2	4
BL 1+50S	74	.14	.070	5	98	1.19	124	.16	2	2.21	.04	.17	1	3	2	2
STD C/FA-5X	58	.45	.087	38	60	.83	182	.08	32	1.73	.09	.14	13	100	97	103

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB	WT. GM
H00-1P	1	14	4	38	.8	17	8	2619	6.83	2	5	ND	8	19	1	2	2	83	.74	.043	15	62	.62	21	.27	2	1.94	.09	.04	1	128	2	2	60
H00-2P	1	16	2	29	.2	26	10	440	1.99	2	5	ND	4	13	1	2	2	42	.61	.021	7	56	.74	59	.12	2	.93	.10	.10	1	4	2	2	210
H00-3P	1	16	2	28	.1	17	4	519	2.02	3	5	ND	3	13	1	2	2	36	.34	.025	4	25	.52	36	.10	3	.96	.06	.08	1	3	2	2	400
H00-4P	1	10	5	28	.4	34	4	604	1.94	4	5	ND	3	17	1	2	2	26	.40	.029	5	31	.60	36	.09	2	.86	.06	.08	1	3	2	2	130
H00-5P	1	18	2	38	.3	22	5	738	2.54	5	5	ND	3	12	1	2	2	38	.27	.031	6	29	.58	80	.07	7	1.21	.06	.20	1	5	2	4	690
H00-6P	1	14	4	32	.2	20	5	433	1.91	5	5	ND	3	22	1	2	2	34	.43	.032	7	31	.52	53	.10	3	.93	.08	.11	1	3	2	2	190
H00-7P	1	13	3	27	.2	20	5	516	1.84	4	5	ND	2	16	1	2	2	33	.42	.024	4	33	.61	36	.07	2	.93	.07	.08	1	2	2	2	290
H00-8P	1	12	3	29	.3	22	5	464	1.73	10	5	ND	3	17	1	2	2	30	.43	.035	5	26	.55	48	.08	2	.82	.08	.11	1	2	2	2	260
-00-9P	1	16	4	35	.4	16	7	1503	4.50	9	5	ND	5	16	1	2	2	45	.50	.026	11	36	.61	56	.13	2	1.65	.10	.09	1	10	2	2	50
-0-10P	1	12	2	31	.1	22	7	389	1.73	4	5	ND	3	18	1	2	2	35	.49	.017	4	40	.67	59	.09	2	.96	.10	.11	1	2	2	2	120
0-11P	1	14	2	29	.2	16	5	727	2.36	7	5	ND	3	12	1	2	2	31	.30	.024	6	25	.47	76	.07	8	1.02	.06	.11	1	2	2	2	290
0-12P	1	12	5	29	.1	18	4	343	1.50	2	5	ND	2	16	1	2	2	31	.35	.022	5	25	.51	65	.07	6	.85	.09	.11	1	2	2	2	350
-13P	1	11	3	21	.2	13	4	1015	2.32	2	5	ND	3	9	1	2	2	28	.36	.021	4	26	.43	33	.06	2	1.05	.06	.07	1	2	2	2	350
-14P	1	11	4	32	.1	15	6	317	1.52	2	5	ND	4	20	1	2	2	32	.46	.025	8	31	.54	62	.08	10	.83	.09	.09	1	3	7	2	250
-15P	1	10	3	31	.1	15	5	287	1.54	3	5	ND	3	24	1	2	2	32	.46	.020	5	31	.60	89	.08	10	.95	.11	.14	2	2	2	3	610
-16P	1	12	3	34	.1	18	5	223	1.44	2	5	ND	2	21	1	2	2	30	.41	.022	4	28	.61	94	.07	11	1.01	.11	.13	2	2	2	2	660
-17P	1	18	3	33	.1	51	12	316	1.90	3	5	ND	2	17	1	2	2	39	.59	.020	4	141	1.11	70	.08	2	1.17	.13	.11	2	2	2	2	380
-18P	1	13	3	33	.3	27	7	366	1.74	2	5	ND	5	17	1	2	2	36	.55	.021	8	71	.78	74	.08	10	1.05	.12	.12	2	2	2	2	480
-19P	1	15	4	42	.2	18	7	472	2.25	3	5	ND	4	22	1	2	2	44	.58	.027	8	40	.74	137	.10	2	1.19	.14	.19	2	3	2	2	130
-20P	1	15	4	31	.1	22	5	296	1.58	5	5	ND	3	17	1	2	2	33	.33	.029	5	28	.55	76	.08	2	.92	.08	.18	2	2	2	2	210
-21P	1	10	2	18	.3	11	3	1334	2.43	3	5	ND	2	6	1	2	2	19	.33	.019	3	18	.33	24	.05	9	1.02	.04	.06	2	2	2	5	690
-22P	1	9	3	27	.2	11	3	774	1.83	2	5	ND	2	14	1	2	2	23	.33	.023	4	20	.37	38	.06	4	.88	.06	.07	2	2	2	2	260
-23P	1	8	2	13	.4	8	3	1676	2.76	3	5	ND	2	4	1	2	2	18	.35	.016	3	20	.30	15	.04	2	1.14	.03	.05	1	2	2	2	890
-24P	1	14	4	35	.1	18	5	388	1.76	2	5	ND	2	19	1	2	2	36	.44	.023	4	33	.62	78	.09	2	1.05	.10	.12	1	2	2	2	480
-25P	1	10	3	33	.1	16	6	576	1.88	2	5	ND	3	16	1	2	2	34	.48	.014	4	38	.64	72	.08	2	1.08	.11	.11	1	2	2	2	310
-26P	1	16	5	48	.3	18	6	784	1.92	29	5	ND	3	21	1	2	2	36	.33	.033	5	29	.62	113	.08	4	1.06	.06	.15	2	13	2	9	3
-27P	1	11	2	26	.3	17	6	1086	2.46	2	5	ND	2	11	1	2	2	29	.50	.020	4	38	.56	37	.06	8	1.15	.09	.08	2	2	2	2	370
-28P	1	12	4	36	.2	23	6	472	1.82	2	5	ND	2	15	1	2	2	35	.55	.022	4	48	.71	54	.07	3	1.07	.12	.10	2	2	2	2	350
-29P	1	12	3	22	.3	12	4	1123	2.24	4	5	ND	2	9	1	2	2	26	.33	.020	4	25	.44	55	.06	2	1.10	.05	.08	1	2	2	2	330
-30P	1	9	2	24	.4	11	3	923	2.07	2	5	ND	3	11	1	2	2	25	.34	.016	4	23	.40	36	.06	2	1.02	.06	.07	1	2	2	2	370
-31P	1	12	5	35	.1	19	7	586	2.01	4	5	ND	3	15	1	2	2	34	.46	.026	6	38	.67	93	.08	2	1.12	.10	.15	1	2	2	2	420
-32P	1	13	5	23	.2	17	4	819	2.16	5	5	ND	3	11	1	2	2	29	.39	.027	5	30	.47	44	.07	2	.97	.06	.10	1	2	2	2	290
0-33P	1	12	3	21	.2	16	4	900	2.22	2	5	ND	3	9	1	2	2	25	.33	.026	5	25	.41	39	.07	2	.96	.04	.07	1	2	2	2	420
0-34P	1	17	3	24	.5	23	5	1033	2.59	16	5	ND	3	11	1	2	2	27	.41	.032	6	27	.44	46	.08	6	.99	.06	.10	1	3	2	2	430
-00-35P	1	16	2	25	.5	19	4	888	2.40	8	5	ND	2	10	1	2	2	26	.36	.031	5	26	.44	48	.07	3	1.01	.05	.10	1	2	2	3	620
H00-36P	1	13	4	32	.4	20	5	1456	3.53	5	5	ND	4	18	1	2	2	38	.54	.033	10	33	.55	29	.18	2	1.31	.09	.06	1	4	2	2	90
STD C/FA-5X	19	58	37	132	7.0	67	26	1030	3.69	38	19	6	38	49	17	18	22	56	.44	.082	37	56	.83	175	.08	30	1.72	.08	.13	11	100	102	97	-

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB	WT. GM
H00-37P	1	16	3	20	.1	15	4	722	2.16	2	5	ND	4	11	1	2	2	33	.36	.025	7	26	.44	56	.07	2	.98	.07	.13	1	1	2	2	890
H00-39P	1	12	3	18	.1	11	4	1055	2.62	2	5	ND	2	9	1	2	2	28	.33	.020	5	24	.38	36	.07	4	1.05	.05	.08	1	2	2	2	450
H00-42P	1	15	5	24	.2	17	5	1192	2.79	7	5	ND	2	13	1	2	2	29	.45	.028	5	27	.44	39	.08	2	1.10	.05	.10	1	3	2	2	390
H00-43P	1	14	4	25	.4	16	5	1419	3.36	4	5	ND	4	12	1	2	2	33	.48	.031	6	28	.45	32	.12	2	1.20	.07	.07	1	2	2	2	170
H00-46P	1	15	5	34	.2	14	5	1188	3.41	2	5	ND	2	16	1	2	2	35	.41	.017	5	29	.52	56	.10	4	1.45	.14	.12	1	4	2	2	48
H00-52P	1	12	4	40	.2	19	5	477	1.91	3	5	ND	2	13	1	2	2	30	.25	.031	5	25	.45	63	.07	6	.86	.08	.13	1	3	2	2	250
H00-54P	1	11	3	28	.1	25	4	494	1.77	5	5	ND	2	17	1	2	2	30	.36	.025	4	27	.53	47	.08	2	.91	.07	.09	2	1	2	2	420
H00-55P	1	13	5	35	.2	22	6	537	2.02	3	5	ND	3	20	1	2	2	34	.33	.021	5	28	.54	52	.09	2	.97	.08	.11	1	2	2	2	180
H00-56P	1	11	4	28	.2	19	5	693	2.40	3	5	ND	3	17	1	2	2	35	.39	.028	6	26	.46	33	.12	2	.90	.08	.08	1	2	2	2	90
H00-57P	1	13	5	28	.1	21	4	524	1.98	5	5	ND	2	14	1	2	2	30	.31	.025	5	36	.51	51	.08	3	.93	.07	.12	1	2	2	2	360
H00-58P	1	10	4	23	.3	14	4	1360	2.82	2	5	ND	2	10	1	2	2	23	.35	.022	4	25	.45	31	.06	2	1.15	.05	.07	1	1	2	2	360
H00-59P	1	11	4	30	.4	19	5	1529	3.73	2	5	ND	4	14	1	2	2	35	.50	.034	8	33	.53	29	.14	4	1.32	.08	.06	1	2	2	2	100
H00-60P	1	19	4	35	.3	20	5	691	2.59	3	5	ND	4	13	1	2	2	40	.29	.028	6	29	.56	81	.09	2	1.16	.07	.21	2	2	2	2	300
H00-61P	1	11	4	25	.2	18	4	1269	2.94	2	5	ND	3	14	1	2	2	26	.39	.026	5	25	.48	31	.08	12	1.15	.07	.05	1	3	2	2	220
H00-62P	1	12	5	31	.2	15	5	892	2.50	2	5	ND	3	19	1	2	2	32	.50	.026	6	29	.53	54	.09	3	1.14	.11	.12	2	2	2	2	90
H00-63P	1	13	4	27	.3	14	4	773	2.41	6	5	ND	2	10	1	2	2	30	.29	.026	5	26	.44	60	.07	2	.98	.06	.15	1	2	2	2	350
H00-64P	1	11	3	28	.1	21	4	1061	2.71	2	5	ND	2	18	1	2	2	32	.45	.024	5	31	.55	40	.10	2	1.21	.10	.09	1	2	2	2	60
H00-65P	1	13	2	31	.3	17	5	1545	3.44	2	5	ND	2	13	1	2	2	30	.42	.021	4	30	.53	39	.08	4	1.39	.08	.09	3	2	2	2	40
H00-68P	1	13	3	21	.4	12	4	2614	4.31	2	5	ND	2	10	1	2	2	30	.53	.023	5	28	.46	23	.12	2	1.69	.07	.05	1	2	2	3	80
H00-69P	1	10	5	38	.1	19	6	317	1.74	2	5	ND	3	18	1	2	2	34	.49	.022	6	44	.67	90	.08	3	1.03	.11	.11	2	2	2	2	210
H00-70P	1	21	6	35	.1	68	14	297	2.00	3	5	ND	1	15	1	2	2	43	.61	.017	3	197	1.35	80	.08	2	1.31	.14	.14	1	3	2	2	410
STD C/FA-5X	18	58	36	132	7.1	68	27	1022	3.87	37	20	7	39	50	18	18	22	57	.44	.084	38	58	.83	178	.08	31	1.74	.08	.14	12	101	100	102	-

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU** PPB	PT** PPB	PD** PPB
5/12	1	635	3	21	.2	461	30	90	4.14	2	5	ND	1	7	1	2	2	90	.05	.020	2	223	1.06	54	.05	2	.84	.05	.32	2	4	14	12
6/12	1	241	2	85	.1	258	25	420	4.88	2	5	ND	4	5	1	2	2	96	.18	.060	7	511	2.63	131	.11	2	2.56	.06	.36	1	3	10	8
7/12	1	548	4	14	.3	114	5	54	7.39	2	5	ND	1	8	1	2	2	30	.15	.025	2	281	.57	103	.04	2	.48	.04	.15	1	5	30	39
8/12	1	1059	2	34	.4	459	26	127	7.59	2	5	ND	1	2	1	2	2	29	.09	.020	2	474	1.50	36	.05	2	1.12	.03	.15	1	3	12	91
9/12	1	384	2	35	.1	268	13	178	6.42	2	5	ND	1	3	1	2	2	42	.07	.015	2	490	1.97	86	.03	2	1.54	.03	.06	2	2	20	29
13/12	1	52	50	47	1.4	9	6	638	3.99	694	5	ND	2	12	1	2	2	24	.05	.064	6	21	.45	65	.01	3	.92	.02	.27	2	20	2	2
14/12	2	40	1104	405	8.7	45	15	2156	5.07	141	5	ND	5	6	1	6	3	26	.15	.069	10	22	.62	54	.01	4	.94	.02	.27	1	14	2	2
15/12	1	36	105	270	.5	29	13	1699	3.91	35	5	ND	1	5	1	2	2	34	.07	.041	4	44	1.28	58	.09	3	1.57	.03	.24	1	3	2	2
1/6	2	147	2	25	.3	49	17	136	3.45	2	5	ND	5	11	1	2	2	108	.27	.081	14	73	1.21	252	.24	3	2.10	.08	1.12	1	2	2	2
2/6	1	73	2	48	.1	40	8	128	1.69	2	5	ND	4	17	1	2	2	56	.34	.013	8	47	.68	156	.07	2	1.16	.11	.13	2	1	2	2
2/14	1	57	2	21	.1	6	9	286	1.90	2	5	ND	1	16	1	2	2	70	1.22	.028	2	27	1.13	54	.12	2	1.25	.22	.09	1	1	2	2
STD C/FA-5X	18	58	37	133	7.1	68	27	1041	3.79	38	22	8	38	49	17	17	22	56	.46	.084	37	57	.85	176	.08	37	1.76	.08	.14	13	100	105	98

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,650

LACANA MINING CORPORATION	
HOPE PLATINUM PROJECT - SAMPLE LOCATION PLAN - NEW WESTMINSTER MINING DIVISION	
TECHNICAL WORK BY: DAL	SCALE: 1: 10 000
DRAWN BY DBM TECHNICAL SERVICES	DATE: SEPT. / 1987
REVISIONS:	FIGURE NO. 4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,650

LACANA MINING CORPORATION

HOPE PLATINUM PROJECT

- GEOLOGICAL AND COMPILATION PLAN -

NEW WESTMINSTER MINING DIVISION

TECHNICAL WORK BY DAL	SCALE 1: 10 000
DRAWN BY DBM	DATE SEPT. / 1987
REVISIONS -	FIGURE NO. 5