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PROSPECTUS 005528 **DATED: APRIL 25, 1988**

CARLSBAD VENTURES INC.

(hereinafter called the "Issuer")
#300 - 800 West Pender Street,
Vancouver, B.C. V6C 2V8

PROPERTY FILE

Lady-Ermelina 928/13 N.W. -05
928 *033, 029

FERING **600,000 Shares (the "Shares")**

	Price to Public	Commissions	Net Proceeds to Issuer if all Shares are Sold
.....	$0.45	$0.0675	$0.3825
.....	$270,000	$40,500	$229,500 (1)

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EFFECTIVE DATE: MAY 3, 1988

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LADY-ERMELINA CLAIM GROUP

Victoria M.D., Vancouver Island, B.C.

REPORT ON THE

LADY-ERMELINA CLAIM GROUP

Victoria M.D., Vancouver Island, B.C.

for

CARSLSBAD VENTURES INC.
300 - 800 West Pender Street
Vancouver, B.C.
V6C 2V8

by

ASHWORTH EXPLORATIONS LIMITED
Mezzanine Floor
744 West Hastings Street
Vancouver, B.C.
V6C 1A5

Location: NTS 92B/13/NW
48 56'N/123 57'W
11 km. SW of Ladysmith, B.C.

Subject: Results of January - February, 1987 Field Program and Recommendations for Additional Exploration (review)

Prepared by: Hugo Laanela, F.G.A.C., Consulting Geologist
3657 Ross Road, Nanaimo, B.C. V9T 2S3
(604) 756 1127

February 5th, 1988

SYNOPSIS

The following report is a review of a previous progress report dated May 6, 1987, by the same author.

The Lady-Ermelina Group consists of 16 contiguous claims, with an area of about 12.5 sq. km., on Chipman Creek 11 km. SW of Ladysmith, Vancouver Island, B.C.

The claims are underlain by Paleozoic Sicker Group; rocks consisting largely of an informal sedimentary-sill unit, and the underlying Myra Formation in the southern part of the property. The Sicker Group hosts several important mining camps on the island, e.g. Westmin's Buttle Lake Mines, old China Creek-Mount McQuillan Camp near Port Alberni, and the old Mount Sicker mining camp about 15 km. SE of the property.

A later addition to Mount Sicker Camp is the Abermin Corporation's Lara property which was discovered in the early 1980's and is located within 1-1/2 - 4 km. SE of the Lady-Ermelina claims. A new northern zone of mineralization was discovered during 1986-87 on the Lara property. It is located about 1-1/2 km. SE of and along the same geological strike as an anomalous zone on the southern part of the Lady-Ermelina claims. These mineralized and anomalous zones occur in a NW trending belt of Myra Formation rocks which extends from Salt Spring Island, through Mount Sicker and towards the west, past Lady-Ermelina Group. The deposits hosted by the Myra Formation are Kuroko-type volcanogenic massive sulphide deposits, usually carrying economic amount of Ag-Au, and auriferous quartz veins.

Three old mineral showings are reported to occur along the northern flank of the Myra Formation on the southern part of the property, consisting of two taconite (iron) showings (Lady A and Lady C) and the Anita Ag-Cu showing. The taconite showings were located during the 1987 field program, while the Anita was not; it is either covered up now or has been wrongly located in old reports.

The taconite showings, which were drilled in 1953, are located on a NW striking stratabound taconite horizon in gray chert and red jasperoid rock. One of these was estimated to contain 360,000 tons of 25% Fe; the size and grade of the other is not known. There presence here indicates a favorable geological environment for formation of the exhalative type massive sulphide or gold deposits. Taconite did not assay high in precious metals, but several soil anomalies (Au and other metals) and EM conductors are associated with it.

An assessment work program on behalf of Rafael Resources Ltd. was carried out during early 1986 in the area of these showings. Soil sampling revealed an anomalous geochemical trend, correlating with the EM conductors across which the samples were take, Since them the property was taken over by Lode Resource Corporation and optioned to Carlsbad Ventures Inc.

The 1987 program consisted of reconnaissance type geological mapping, prospecting, rock and soil sampling, VLF-EM and magnetic surveys.

The soil geochemical survey indicated a large number of precious, base and trace metal anomalies on the property, particularly of the Ermelina claims on the southern part, in an area underlain by the Myra schists and black, pyritic cherts and argillites. These anomalies tend to be small if taken individually; if combined, they merge into a number of larger NW-SE trending anomalous zones, particularly if close to the taconite "iron formation". The VLF-EM conductors occur mainly in the area of black pyritic chert and argillite, and have a NW regional trend similar to the geology and geochemical anomalies. Magnetic anomalies tend to reflect various rock types, e.g. "highs" are related to diabase dykes, magnetite gabbro and "iron formation". On the southernmost part of the property, magnetic anomalies are also associated with geochemical and EM anomalies.

Because of favorable geology on the southern part of the property, along with numerous anomalies, and several important mineral discoveries in the adjacent areas occurring along the same geological strike, more follow-up work is recommended on the property.

The recent discovery of a new zone on the Lara property, 1-1/2 km. to the SE and apparently along the same strike as the anomalous zone and the "iron formation" on the Ermelina claims, adds new interest to the Lady-Ermelina property. Mineralization is also reported to occur NW of the property, further along the same geological strike in the Rheinhart Lake area.

A two phase exploration program is recommended with a total budget of $270,000 (including a $205,000 drilling program as Phase III).

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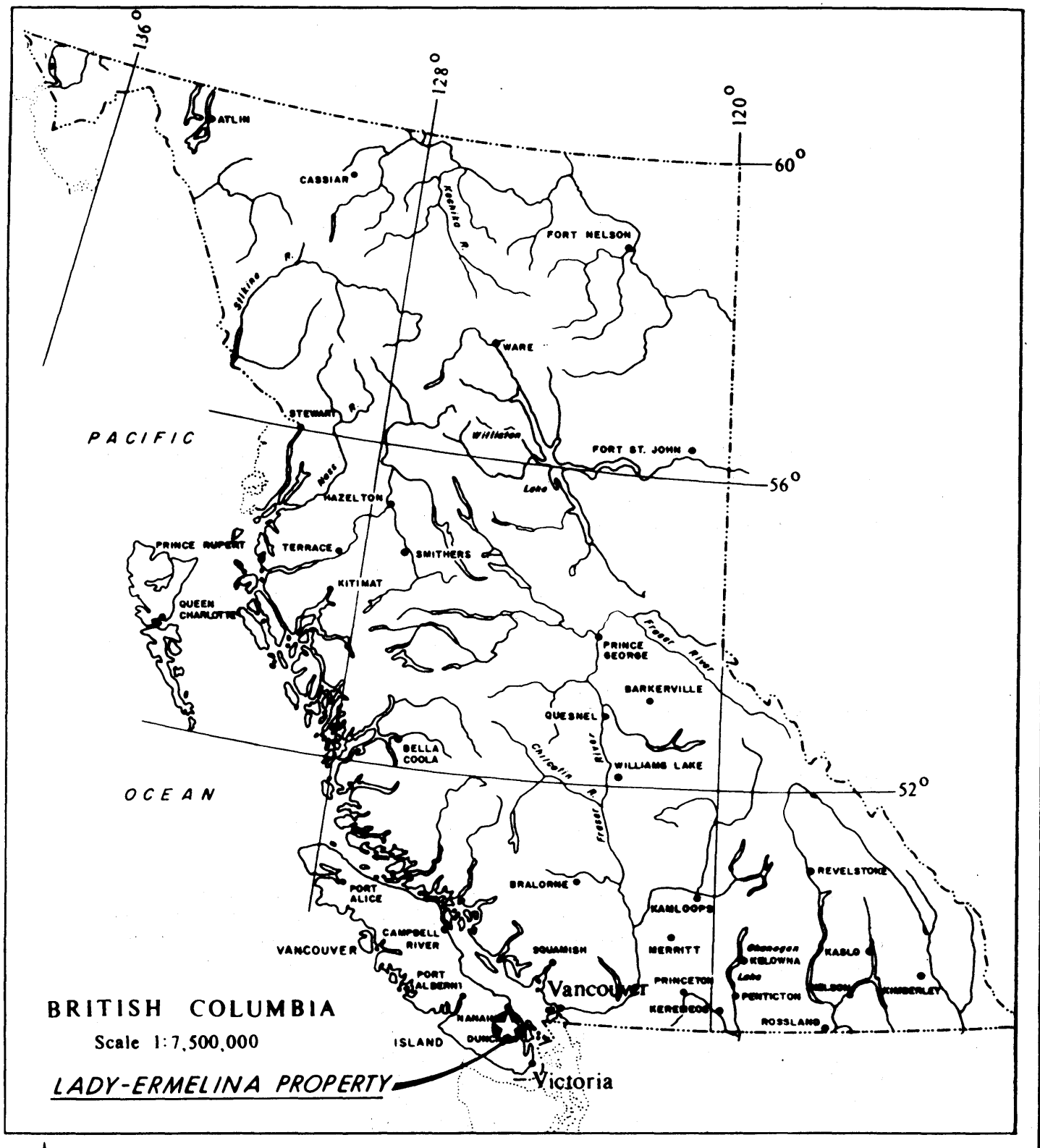


Carlsbad Ventures Inc.

GENERAL LOCATION MAP

LADY-ERMELINA PROPERTY

VICTORIA MINING DIVISION

Scale: 1 : 7 500 000	By: J.S.
Date: FEBRUARY 1987.	Figure 1

Ashworth Explorations Limited

1. INTRODUCTION

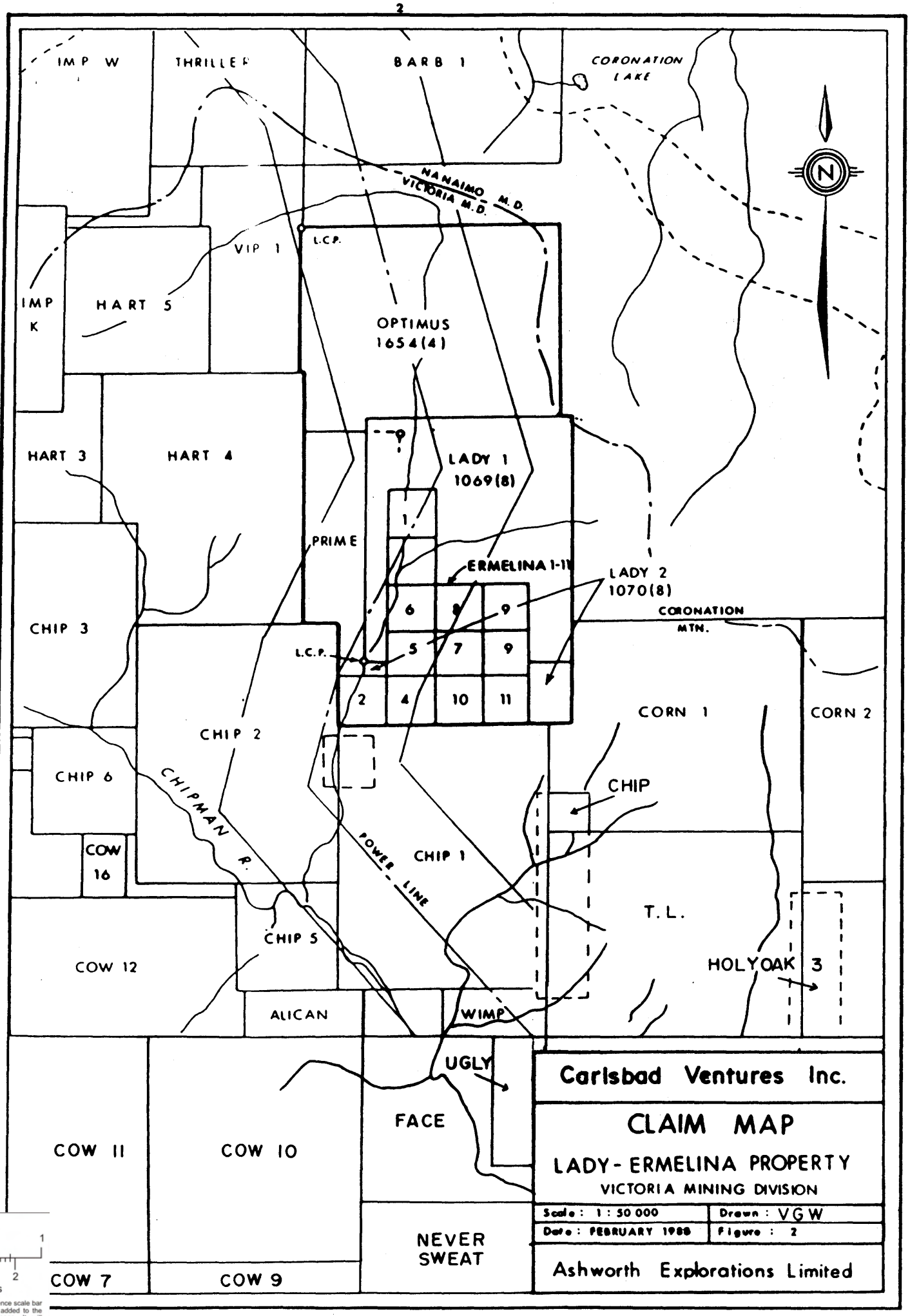
The following report is a review of a previous report dated May 6, 1987 by the same author. The original report was prepared at the request of Mr. T. F. Schorn, president of Lode Resource Corporation to evaluate and describe the results of a reconnaissance type geological-geochemical-geophysical assessment survey during January 16 - 24 and February 18 - 23, 1987 on the Lady-Ermelina Claim Group, SW of Ladysmith on Vancouver Island, B.C. This field work was done by Ashworth Explorations Limited on behalf of Lode Resource Corporation. The report also briefly describes the regional geology, the past and recent mining and exploration activity in the area, and outlines a further exploration program.

The recently released information by Abermin Corporation regarding the latest developments on the nearby Lara property (Bailes, et al, 1987) has necessitated a review of the results of the 1987 field work on the Lady-Ermelina claims in a more favorable light (see Figure 4).

The claim group, including the 12 claims of Ermelina block of one unit each, consists of a total of 16 claims which are contiguous and overlap considerably. The group contains two old iron (taconite) showings, Lady A and Lady C, and possibly the old Anita Ag-Cu prospect. These mineralized occurrences are on the northern flank of a NW trending belt of Sicker Group sedimentary rocks (Myra Formation) which hosts several old mines of the Mount Sicker Camp as well as Abermin's more recently discovered Lara property.

2. PROPERTY

Claim Name	Unit	Record #	Expiry Date	Ownership
Ermelina	1	932 (6)	June 2, 1994	The 12 Ermelina claims are owned by M. Willis, R. J. Mrus and A. M. Brown; optioned by Lode Resource Corporation.
Ermelina 1	1	933 (6)	June 2, 1994	
Ermelina 2	1	931 (6)	June 2, 1994	
Ermelina 4	1	945 (6)	June 8, 1994	
Ermelina 5	1	1007 (6)	June 9, 1994	
Ermelina 6	1	1008 (6)	June 9, 1994	
Ermelina 7	1	1009 (6)	June 9, 1994	
Ermelina 8	1	1010 (6)	June 9, 1994	
Ermelina 9	1	955 (6)	June 16, 1994	
Ermelina 9	1	956 (6)	June 16, 1994	
Ermelina 10	1	1031 (7)	June 13, 1994	
Ermelina 11	1	1032 (7)	June 13, 1994	
Lady 1	20	1069 (8)	Aug. 2, 1994	Owned by Lode Resource Corporation
Lady 2	12	1070 (8)	Aug. 2, 1991	
Optimus	20	1654 (4)	Apr. 7, 1994	Owned by Rafael Resources Ltd. (name changed now to Biologix (B.C.) Ltd., optioned by Lode Resource Corporation
Prime	10	1655 (4)	Apr. 7, 1991	



Carlsbad Ventures Inc.

CLAIM MAP

LADY-ERMELINA PROPERTY

VICTORIA MINING DIVISION

Scale : 1 : 50 000	Drawn : VGW
Date : FEBRUARY 1988	Figure : 2

Ashworth Explorations Limited

The claims are all in the Victoria Mining Division, except the small NE corner of Lady 1 claim which is in the Nanaimo Mining Division. All 16 claims have been grouped for assessment work purposes.

The Lady 1 claim is reduced in actual size as it overstaked Ermelina and Ermelina 1, 6, 8, 9 and parts of the Ermelina 5, 7 and 9 claims. The Lady 2 claim is considerably reduced in size as it overstaked the Ermelina 2, 4, 10 and 11 claims.

The Optimum claim is slightly reduced in size, as it overstaked a small part of the Lady 1 claim. The Prime claim is also reduced in size due to overstaking parts of Lady 1 and 2, and some Ermelina claims.

The overall dimensions of the 16 claim block area are about 2.7 x 5.1 km. (estimated from claim map, see Figure 2) or about 14 sq. km. in area (1,400 hectares).

The property is located in the E & N Railway Land Grant which originally included timber and base metal rights (but not precious metals). Base metal rights are no longer owned by the E & N Railway (CPR). Present status needs to be checked. See appendix .

3. LOCATION, TERRAIN AND ACCESS

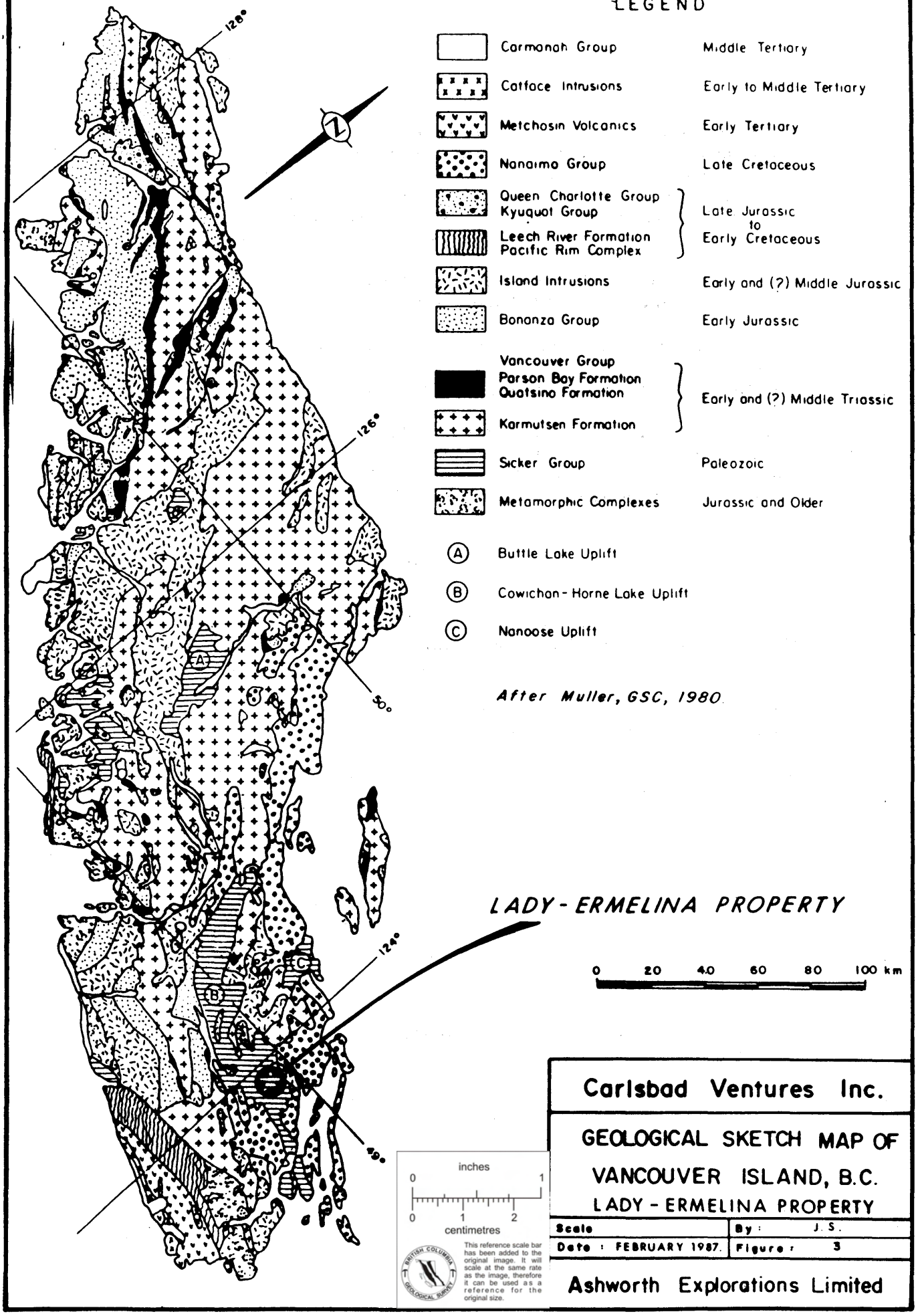
The centre of the property is located approximately 11 km. SW of Ladysmith in the southern part of Vancouver Island, B.C. The claim block straddles the steep-sided valley of the main branch of Chipman Creek, which flows southerly through the entire length of the property. The elevations above mean seal level range from about 500 m. in the SW corner to about 1,200 m. near the centre of the eastern boundary of the block. The one mile wide right-of-way for the Sahtlam-Dunsmuir Transmission Line crosses the property north to south, requiring a lease to be signed by the claims owner according to Order-in-Council No. 3037 (see Appendix B).

Access to the property is by several logging roads, and the powerline access roads from Ladysmith through the north end of the claim block. The area was logged a number of years ago and is now covered by heavy second growth timber. The strip under the two parallel power lines is logged clear.

4. REGIONAL GEOLOGY AND MINERALIZATION

The claim block is located in one of the geologically most favorable areas for mineral exploration on Vancouver Island, i.e. the Cowichan-Horne Lake Uplift of Paleozoic Sicker Group volcanic and sedimentary rocks.

Three such major faults or arches occur on the Island; the other two are the Buttle Lake and Nanoose Uplifts. The Buttle Lake Uplift contains Westmin's Buttle Lake area mines, while the Cowichan-Horne Lake Uplift, the largest, contains the old Mount Sicker mining camp and the more recently discovered Lara prospect some 1.5 - 15 km. SE of the property, and the old China Creek-


LEGEND
Carmanah Group
Middle Tertiary
Catface Intrusions
Early to Middle Tertiary
Metchosin Volcanics
Early Tertiary
Nanaimo Group
Late Cretaceous
Queen Charlotte Group
Kyuquot Group
Leech River Formation
Pacific Rim Complex
Late Jurassic to Early Cretaceous
Island Intrusions
Early and (?) Middle Jurassic
Bonanza Group
Early Jurassic
Vancouver Group
Parson Bay Formation
Quatsino Formation
Karmutsen Formation
Early and (?) Middle Triassic
Sicker Group
Paleozoic
Metamorphic Complexes
Jurassic and Older
A Buttle Lake Uplift
B Cowichan - Horne Lake Uplift
C Nanoose Uplift
After Muller, GSC, 1980
128°
126°
50°
124°
49°
LADY - ERMELINA PROPERTY
0 20 40 60 80 100 km
inches
0 1
0 1 2
centimetres
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.
Carlsbad Ventures Inc.
GEOLOGICAL SKETCH MAP OF VANCOUVER ISLAND, B.C.
LADY - ERMELINA PROPERTY
Scale
By : J. S.
Date : FEBRUARY 1987.
Figure : 3
Ashworth Explorations Limited

Mount McQuillan camp SE of Port Alberni. Most of the mineral deposits here are associated with the Myra Formation, eg. at Buttle Lake and Mount Sicker; they are volcanogenic exhalative type polymetallic deposits, containing massive sulphides with some Au-Ag, as well as somewhat later auriferous quartz veins and locally some iron (taconite) lenses. The Myra Formation is Lower Devonian in age and consists of basic to rhydacitic volcanics, argillites, silstone and chert. The geology and mineral deposits of the general area, including the history of Mount Sicker camp, are more fully described in two previous reports by Neale and Hawkins (MPH, 1985) and by Green (1986).

Regional mapping by GSC (Muller, 1980) shows the claim block is largely underlain by the Paleozoic Sicker Group which is intruded to the NE by the dioritic Ladysmith Stock of Jurassic Intrusions.

The main rock unit of the Sicker Group here is the so-called Sediment-Sill Unit of Pennsylvanian to Mississipian age, consisting of argillite, greywacke and chert, intruded by diabase sills. At the southern part of the Ermelina block of claims, it is underlain by the Lower Devonian or older Myra Formation, consisting of felsic tuff and breccias, argillite, rhyodacite flows and phyllite. In the Mount Sicker area to the SE, the Myra Formation is transitional and poorly defined, and it may lie farther to the north than indicated on Muller's map.

A fault is shown on Muller's map (GSC Map 1553A) to follow the Chipman Creek Valley toward NNE, transsecting the property and offsetting the Sicker Group units. However, the two taconite showings, Lady A and Lady C, occurring directly along the strike on opposite sides of the creek, put this displacement in doubt. Also, the recent field work by Ashworth geologists found no direct evidence of this fault.

Two old mineral showings were found to occur on the south part of the property; a third one, also reported, was not found. The following descriptions are based on BCMM Annual Reports.

- Lady A and C iron (taconite) showings occur on opposite sides of Chipman Creek. They consist of lenses of banded extremely fine grained magnetite, with minor specular hematite, in gray chert and red jasperoid rock. They are in or near the contact of Myra Formation and the sedimentary sill unit; and are indicative of exhalative activity in the area. Both deposits are described in the BCMM Annual Report for 1956, from which the following is summarized:

  The Lady A deposit, near the west edge of the Ermelina claims, west of the creek, consists of two stratabound taconite lenses, and outcrops along a strike length of 350 feet, with widths up to 60 feet. Diamond drilling in 1953 (12 holes totalling 1,278 feet) revealed an average thickness of less than 30 feet. The deposit is exposed near the valley bottom in an area of limited outcrop; both the bedding of Sicker sediments and the attitude of the deposits is about NW/50-60^{o} NE. The deposit was estimated to contain about 360,000 tons of 25% (average) iron.

The Lady C deposit, exposed for 175 feet along the same strike, on the east side of the creek, is believed to be large than the A deposit. The apparent thickness is 50 feet, but both walls are covered with overburden and poorly defined. Four DD holes totalling 670 feet were drilled here, all being entirely in taconite with their average grades ranging from 9.5 to 30.5% Fe. The data was insufficient to make any tonnage or average grade estimates of this deposit.

Apparently no previous assays were run for gold. Volcanogenic massive sulphide mineralization, as well as gold mineralization, is formed through exhalative processes of metalliferous solutions, such as here. Similar jasperoid rocks south of the Thistle Mine (Panther Road showings) SE of Alberni, as well as elsewhere, are known to carry anomalous values of gold.

Two rock samples taken in 1987 from quartz veins near or at this taconite zone (also referred to as "iron formation") assayed 0.009 and 0.003 opt gold respectively (see 7.1.3 below).

o The Anita Cu-Ag Showing, described in the BCMM Annual Report for 1917, reportedly occurs east of Chipman Creek, and the Ermelina claim blocks, probably west or SW of Lady C. The workings described below were not found during the 1987 nor the 1986 programs. The following description is given by W. M. Brewer (1917).

"The ore occurs in bodies of quartz which appears to be lenses filling fissures in schist ("Sicker schist") and which are pyrite. A sample of mineralized quartz assayed: gold, trace; silver, 0.3; copper, 3.3%. This sample did not represent an average of the quartz body, but only such portion of it as showed mineralization which is a comparatively small proportion of the whole body at the point where the sample was taken. The quartz vein can be traced by outcroppings which occur at intervals from Boulder (Chipman) Creek for a distance of about 200 feet in an easterly direction. In the bed of the creek . . . the quartz outcroppings appear to be about 15 feet wide. Near the creek where some stripping and open-cut work has been done, the vein does not appear to be as wide, although it may be as the body of quartz had not been fully uncovered."

A shaft said to be 500 feet deep (not examined) occurs about 100 feet east of the creek, apparently sunk in mineralized quartz some years prior to 1917. Another 100 feet east from the shaft, an open cut had been made 52 feet long about 3 feet wide, with an average depth of about 4 feet (maximum depth in places - 7 feet). Some quartz was seen at the north end of this cut, but the work had not been continued sufficiently far to the north to expose any extensive body of quartz (Brewer, 1917). No assay samples were obtained from the dump of the shaft, nor the open cut. There appear to be no reports of any later work done on this showing. All these old workings, etc., may be hard to find at this date (see 7.1.3 below).

5. HISTORY AND PREVIOUS WORK

The south part of the claim group, particularly the Ermelina Block, is underlain by the geologically favorable Myra Formation of the Sicker Group rocks. The rocks of the Myra Formation contain numerous precious and base metal showings and several past and presently producing mining camps, eg.g. the present Westmin's Buttle Lake area mines, old China Creek-Mount McQuillan mining camp SE of Port Alberni and the famous past producers of Mount Sicker Camp located only some 12 - 15 km. SE of the property. The Mount Sicker deposits (Tyee, Lenora) were discovered in the late 1800's. The area has been prospected sporadically ever since.

In the Mount Sicker area, massive sulphide deposits containing chalcopyrite, sphalerite and minor galena, gold, silver and barite are associated with silicic volcanics of the Myra Formation. They were mined and extracted in the "Tyee" and other related mines on Mount Sicker during 1898 - 1907 and its successor Twin Jay Mines during 1944 - 1945. The Mount Sicker deposits produced 253,000 tons of ore grading 0.14 opt Au, 2.92 opt Ag, 3.77% Cu, and an estimated 7% Zn and 1% Pb intermittently between 1898 - 1946 (lead and zinc were not recovered). Other somewhat lesser prospects of similar ore are also known on Mount Brenton and Mount Richard, east of the property. Two other types of minor deposits, historically noted, are associated here with Sicker cherty sediments; they are rhodonite occurrences on "Hill 60" north of Cowichan Valley and on Mount Tuam (on Salt Spring Island) and taconite (jasperoid "iron formation") showings on Chipman Creek (on the present Lady-Ermelina property) and on the NW slope of Mount Brenton some 6 - 7 km. ESE of the property.

Much new exploration activity by many junior and senior companies has taken place during the last decade in all areas underlain by Sicker Group and particularly by Myra Formation rocks on the island. Considerable exploration by several companies has taken place during the recent years SE of the Lady-Ermelina Group of claims along the NW trending belt of the Myra Formation. The most excitement has been generated by the Coronation Zone of Abermin's Lara prospect. The Lara property was staked by Laramide Resources (now 35% owner) in 1981 and optioned to Abermin Corporation in 1982 (now owning 65%). Massive sulphides in the Coronation Zone were discovered by diamond drilling in 1984 (Bailes, et al, 1987).

The exploration on the Lara property during 1981 - 1984 consisted of soil sampling, geophysics (mag, VLF-EM and I.P.), geological mapping and prospecting. Since rock exposure was poor, much of the early work consisted of backhoe trenching of anomalous areas and known showings. Thirteen showings were discovered during this period. The most promising showing was at Zone 1 (see Figure 4) where grab samples from trenches assayed 0.022 opt Au, 0.96 opt Ag, 2.26% Cu, 4.6% Zn and 0.08% Pb. Unfortunately further trenching and diamond drilling of Zone 1 were not encouraging (Bailes, et al, 1987).

The Coronation Zone of the Lara property occurs about 3 km. along strike to the west of Zone 1. A trench in this area revealed a weak polymetallic showing at the contact between foliated pyritic rhyolite and more massive

geochemical-geophysical survey over about 60% of the claim group area. The purpose of this program was two-fold:

A) A "grassroots" type survey over the north half of the property ("North Grid"), where no previous work is known to be recorded, nor any mineral occurrences reported.

B) A similar, but more closely spaced survey over the south half of the property ("South Grid"), mostly on the Ermelina Block of claims and adjacent ground, with more favorable geology and several known mineralized occurrences (see 7.1.3 below). A small "grassroots" survey had been carried out here by Rafael Resources in early 1986 for assessment work purposes; the results of this survey were considered to be sufficiently encouraging to warrant further "follow-up" (Green, 1986; Laanela, 1986). The present survey was intended to do this as well as to expand the coverage over a wider area. A gap still exists in the south part of this grid in an area of steep cliffs.

The winter conditions, combined with locally precipitous terrain and restrictions on time available, did not permit the exploration of the higher altitude areas both east and west of the central Chipman Creek valley area.

6.2 METHODS AND PROCEDURES

North Grid: A 2.4 km. long NNW trending base line was laid out along the powerline right-of-way. Nine crosslines at 300-metre intervals were run from it, both east and west, by hip-chain and compass, a total of about 9.5 line-kilometres.

190 soil samples at 50-metre intervals were taken from B-horizon along these crosslines. This grid was also used for control of geological mapping and prospecting. VLF-EM and magnetic surveys were also run along these lines at 25-metre station intervals. Instruments used were Phoenix VLF-2 EM receiver (using Seattle, Washington transmitter at 24.8 KHz) and Scintrex MP-2 proton precession magnetometer, respectively. In both cases, readings could not be taken close to the powerline due to strong interference from it.

South Grid: The base line (and grid) used in the 1986 survey (Green, 1986) was utilized and expanded northward from Line "0" there. The base line which is offset from the North Grid runs at 330^{o} azimuth for 2.2 km. from the south boundary of the property.

21 crosslines at 100-metre intervals were run to the NW and SE of this base line to various distances totalling 24.5 line-kilometres. However, there is a gap about 0.7 km. wide in this grid due to precipitous cliffs in the area. This gap between Lines 3S and 12S has not been mapped, sampled or surveyed. (Geologically and anomaly-wise, this "gap" may cover the most interesting area on the Ermelina claims.)

coarse quartz-eye rhyolite. Drilling beneath this trench resulted in the discovery of the Coronation Zone. The discovery hole (DDH 84-12) graded 0.101 opt Au, 1.97 opt Ag, 0.68% Cu, 3.01% Zn and 0.45% Pb over a true thickness of 7.95 metres. For example, Trench 86-43 graded 0.717 opt Au, 14.98 opt Ag, 3.04% Cu, 43.01% Zn and 8.3% Pb over a true thickness of 3.51 metres (Bailes, et al, 1987).

According to the paper presented on December 3, 1987 (Bailes, et al), 206 diamond drilling holes have been drilled on the Lara property. About 80% of the drilling has been done on the Coronation Zone.

According to the same source, Abermin's Randy North Zone on the T.L. claim, discovered in 1986, has been tested by a few widely spaced reconnaissance drill holes. This zone is about 1-1/2 km. SE of the "iron formation" (taconite zone) on the Ermelina claims, and apparently on the same geological strike (see Figure 4). The Randy North Zone contains from 3 to 6 zinc-rich polymetallic intervals over a tested strike length of about 2 km. and is considered to have good potential. A third polymetallic sequence occurs in the rhyolite package just north of the Coronation Zone. It was discovered in mid-1987 and has not yet been investigated in detail (Bailes, et al, 1987).

An article in the Northwest Prospector, February/March 1987, describes the discovery of gold mineralization on the Sognidoro claim situated at Rheinhart Lake about 10 km. of Lady Ermelina property in the same belt of Myra Formation rocks striking NW-SE (see Figure 4). Au values reportedly "ranged between 1.5 and 5.0 grams" (0.04 - 0.15 opt Au). "At the epicentre, the mineralization is exposed for a width of 300 feet with a linear extent of more than 6,000 feet and the company reports lesser mineralization in road cuts for several miles to the southeast." "On the Sognidoro property, the gold mineralization is overlain by glacial till and is believed to be located close to a major fault and spatially related to a lineal vent. Other known mineralization in the property are low grade gold bearing primary pyrites and high grade gold bearing quartz vein."

Prior to Lode Resource Corporation, the same claim group was held/optioned by Rafael Resources Ltd. In early 1986, Ashworth Explorations Ltd., on behalf of Rafael, carried out a limited scale reconnaissance exploration program on the Ermelina claim block (Green, 1986) consisting of VLF-EM and soil sampling surveys for assessment purposes. Although this data was insufficient for meaningful evaluation of the potential of the property, the results indicated that more exploration was warranted, particularly on the Ermelina block area underlain by the Myra Formation (Laanela, 1986). There are no other records of previous work done on the property, aside from old evidence of diamond drilling on the Lady A and C showings and shaft sinking on Anita showing.

6. EARLY 1987 FIELD PROGRAM

6.1 SCOPE AND PURPOSE

During January 16 - 24 and February 18 - 23, 1987, a crew consisting of two geologists and four geotechnicians carried out a reconnaissance type geological-

681 soil samples at 25 and 50-metre intervals were collected on the above grid, similar to the soil survey of the North Grid. The grid area was also geologically mapped, prospected and VLF-EM and mag surveys were run along the crosslines at 25-metre intervals, similar to those at the North Grid.

All soil samples (total 871) were placed in marked Kraft paper bags, field dried and then shipped to Acme Analytical Laboratories at 852 East Hastings Street, Vancouver. There, the soil samples were dried and sieved to -80 mesh size, then analyzed by Induced Coupled Plasma (ICP) method for a package of 30 elements. These elements included gold, silver, most of the common base metals (eg.g. Cu, Pb, Zn, etc.), various rock forming metals, and a number of trace elements. (See lab data sheets in Appendix for further details.)

Sixteen of these elements, either more common ore-forming metals or ore-associated elements occurring in soil samples, were plotted on four 1:5,000 scale maps, grouped together according to their geochemical affinities (Maps 3, 4, 5 and 6).

To evaluate any geochemical anomalies present, frequency distribution histograms, based on lab data, were prepared for each of the elements and plotted on the appropriate geochemical maps. Statistical parameters to indicate background, threshold and various anomalous categories were also calculated for these elements and are shown on appropriate histogram-graphs. Values higher than "mean plus two standard deviations" were taken as anomalous and an attempt was made to contour these values for each particular element to outline "areas of interest" (see Table 1, following).

To facilitate interpretation of the large variety and number of geochemical anomalies, three additional maps (Maps 7, 8 and 9) were prepared based on significance "ratings" of combined anomalies. These are further discussed in the next chapter under "results". (It is similar to the method used by Abermin on the Lara property where different element values are combined and multiplied.

The VLF-EM data (only the in-phase readings were taken) were plotted as profiles on 1:5,000 scale base maps (Map 10) with conductor axes indicated by "Cross-overs". For the southernmost part of the grid (Lines 0 - 15 South), data was also included from the previous 1986 VLF-EM survey (Green, 1986).

The mag survey data was plotted as profiles (not as contours) on a 1:2,500 scale map (Map 1). Profiling was chosen due to lack of diurnal corrections. It was not expedient to use the one instrument to also take base readings at sufficiently close time intervals in this rough terrain.

Property geology (Map 2) was mapped on 1:5,000 scale by Mr. Alan Hill, B.Sc., project geologist/party chief. He also collected 52 rock samples for assay from the property which were analyzed similar to soil samples (see Appendix A). The description of results of geological mapping in 7.1 below is based on his field report.

7. RESULTS

7.1 GEOLOGICAL MAPPING AND PROSPECTING
(by Alan Hill, B.Sc., see Map 2)

7.1.1 Property Geology

The geology of the Lady-Ermelina property was mapped at a scale of 1:5,000 (see Map 2).

Paleozoic Sicker Group rocks underlie the majority of the property, except in areas to the north and west where granodiorite to dioritic "Island Intrusions" (Jg on map) occur. These intrusions are believed to have been implaced during Jurassic time and are part of the Ladysmith Stock which underlies a large part of the region to the northeast of the property.

Of the Sicker Group rocks on the property, the Pennsylvanian to Mississippian "Sediment-Sill Unit" (SS on map) predominates. Muller (1980) devised this unit, not as a formal formation, but to represent the transition between the Myra and Buttle Lake formations. The "Sediment-Sill Unit" consists of grey to black interbedded chert, argillite and siltstone. Bedding is on a scale of 1 - 10 cm. and varies from gradational to abrupt. Often these sediments appear as cyclical "rhythmite" packages resembling distal turbidite facies. These rocks are intruded by gabbroic to diabase dykes and sills (SSdb on map) which become super abundant in the more cherty upper parts of the sedimentary pile. The tendency of the bedded chert to form open joint sets along bedding plans has made it a favorable host. The intrusive rock is magnetic in hand samples, due to accessory magnetite and internal textures range from ophitic to glomeroporphyritic with rosettes of plagioclase up to 3 cm. in diameter. Towards the base of the sedimentary pile, the intrusives become uncommon and the sediments increasingly sulphidic. Thinly interbedded chert and black argillite containing disseminated pyrite and pyrrhotite as very fine grains (up to 10%, average 2-3%) alternate with chert and siltstone beds giving outcrops a striped gossanous appearance.
The sulphides are plainly syngenetic and have been deposited by chemical precipitation on the sea floor along with silica. Fine clastic and carbonaceous materials, possibly organically derived, were deposited at the same time and periodically "drowned-out" the other components.

Jasper-magnetite oxide facies "iron formation" (SSif on map) conformably underlies the pyritic rocks (which themselves could be loosely termed overprinted "sulphide facies"). The jasper-magnetite forms a continuous horizon, 20-100 metres thick and marks the base of the Sediment-Sill Unit and the contact with the top of the Myra Formation. The horizon is 2 km. long and terminates at an east-west trending fault to the north, while it thins to 20 metres and appears to continue toward SE off the property. (About 1-1/2 km. to the SE on Abermin's T.L. claim, this contact appears again on the same strike as mapped by Abermin's geologists. It appears to be parallel to, or coinciding with, their northernmost Randy North mineralized zone.) Texturally, the oxide "iron formation" is highly contorted and brecciated. Blocks, clasts and nodules of bright red jasperoidal chert are commonly supported within a matrix of black chert containing finely disseminated magnetite. Bedding and

laminations are truncated, wispy and boudinaged. Soft sediment slumping appears to have occurred when heavy magnetite rich layers were deposited on top of still colloidal silica rich layers. Locally, white quartz and carbonate veinlets crosscut the entire jasper-magnetite horizon, suggesting a later period of deformation associated with uplift and tilting of the iron formation. Traces of pyrite are associated with this quartz carbonate veining.

The Myra Formation (SM on map) occupies the part SW of the property and represents the lowest stratigraphic level on the claim group. Believed to be lower Devonian or older (Muller, 1980), the formation is an entirely different package of pyroclastic rocks consisting of felsic lapilli tuff, agglomerate, chlorite-sericite schist and phyllite. The rock is generally light green with maroon-tinged blocks (up to 10 cm.) in the agglomeratic layers. Fabric is ubiquitously foliated, ranging from moderate to schistose. The light green rhyolitic host rocks on the Lara property are similar to these rocks.

7.1.2. Structure

The Sicker Group volcanic and sedimentary rocks on the property strike in a NW to NNW direction and dip moderately to steeply towards the east. This orientation is locally disturbed by intrusions, both otherwise remains fairly consistent across the property, following the prevalent regional trend.

Regional geological mapping in the area (Muller, 1980; GSC Map 1553A) has shown a fault transecting the property called the "Chipman Creek Fault". This fault was thought to follow the NNE trending valley roughly parallel to Chipman Creek and was probably based on examination of airphoto lineaments. However, careful mapping on the property showed no evidence of faulting or schistosity in this NNE direction. More simply, the valley appears to be typical of glaciers, combined with alluvial and fluvial deposition. A large amount of boulder and cobble till, along with polished "whaleback" outcrop surfaces on the valley floor support this theory. The uniform composition of cobbles in the till, furthermore, would suggest their source as the Ladysmith Stock of granodiorite to the north of the property.

A single EG-W trending fault was located on the property in the river gorge on the west side. Relative movement appears to have been left lateral, but the amount of movement unknown. The "iron formation" horizon terminates at this fault, but the possibility exists that it may continue further to the west of the property.

According to Abermin's geologists (Bailes, et al, 1987), a felsic volcanic centre is postulated to occur on the western portion of the Lara property, i.eg. south of the Lady-Ermelina claims. Such centres reportedly occur in the area of Westmin's Buttle Lake mines.

7.1.3 Mineralization

A total of 52 rock samples were collected on the property. Their base and precious metal assay values were generally low (see Appendix A). Apparently

the only sulphides present are pyrite and pyrrhotite (+ marcasite). There were two exceptions: sample LE 87-35 returned the highest values for both gold and silver; these were 295 ppb (about 0.009 opt Au) and 1.9 ppm (about 0.06 opt Ag) respectively. This sample contained 75% pyrite from a pod of massive sulphides within a small quartz vein and silicified zone in the pyritic sediments located just north of the "iron formation" in the vicinity of the Lady C iron showing. Another quartz vein on the "iron formation" (sample LE 84-18 on Line 12 South) assayed 0.003 opt Au. Several geochemical anomalies, including anomalous gold values, occur over or near the "iron formation" (see Figures 5-11 in the text below for geological, geophysical and geochemical survey details in the "iron formation anomalous area).

Six samples of magnetite iron formation returned values up to 61% iron, but contained very low base and precious metal values. Some of these samples contained 2-3% fracture-filling pyrite associated with quartz veinlets. The old Lady A (see BCMM Annual Report for 1956) and Lady C showings were located and old drill collars and scattered drill core examined. The showings are part of a continuous horizon of oxide facies iron formation 20 - 100 metres thick (7.1.1 above). It appears to occur along the same geological strike as the northernmost mineralized zone on the Lara property about 1-1/2 km. to the SE (see Figure 4, following).

More follow-up is needed to locate the old Anita Cu-Ag showing. It apparently was also located along the above mentioned geological strike.

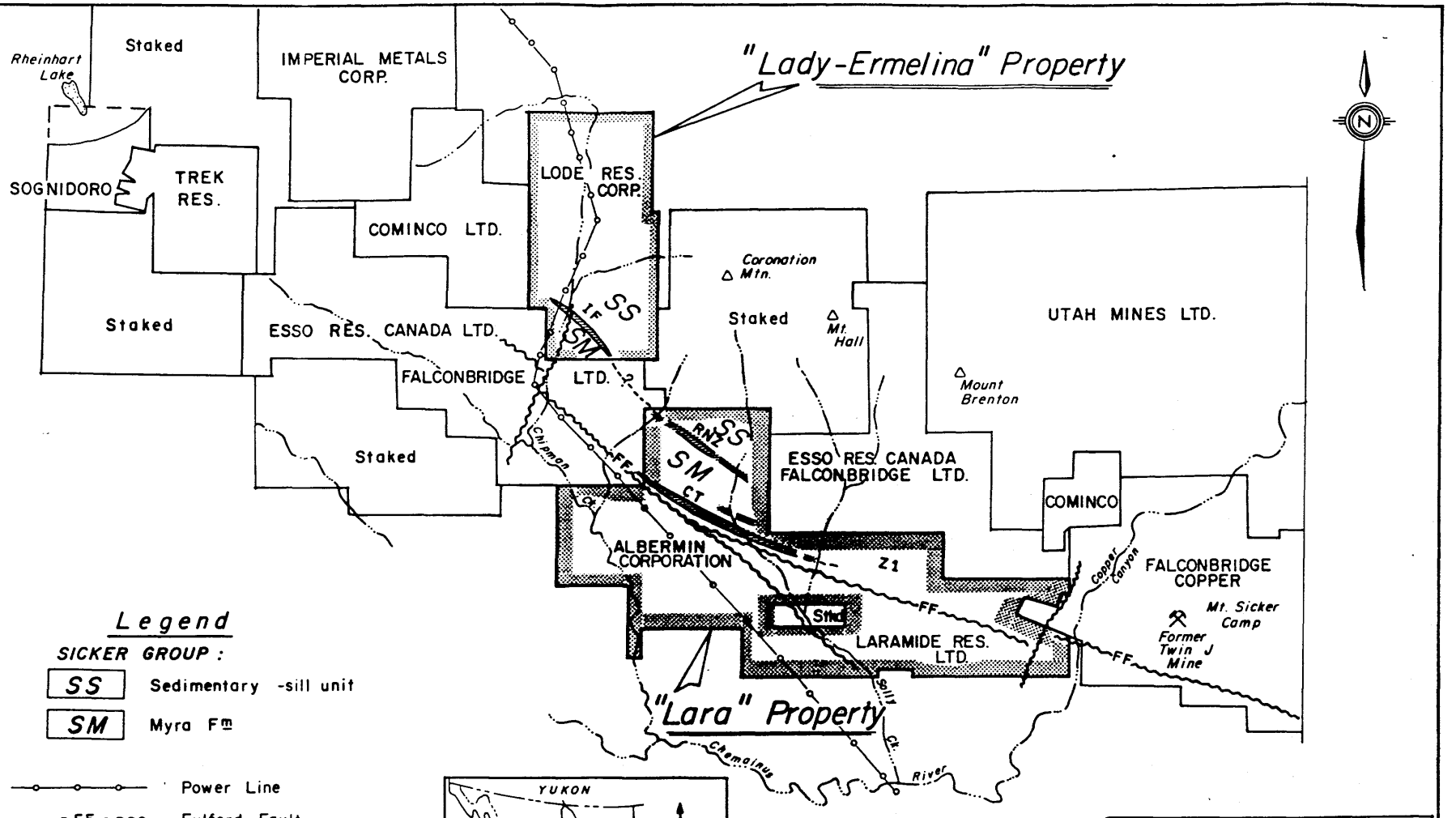
7.2 GEOCHEMICAL SOIL SURVEY

7.2.1 Chalcophile Elements: Ag, Cu, Pb, Zn, As, Sb, Bi and Cd

Chalcophile elements have an affinity for sulphur, hence they tend to be concentrated in sulphide minerals.

Map 3 shows individual analytical values for silver, copper, lead and zinc, while Map 4 shows the same for arsenic, bismuth, antimony and cadmium. Frequency distribution histograms and graphs, with calculated statistical parameters for each element, are also shown on these maps. On the maps, all values of "mean plus two standard deviations" or higher, which are normally taken as anomalous are underlined.

It is quite apparent that these anomalous values are often very scattered and that the correlation between elements tends to be sporadic, except in some localities. Anomalies are therefore difficult to outline and interpret for the purpose of any "target areas" for future follow-up work. On Maps 3 and 4, an attempt was made to outline the main anomalous trends. Additional details of individual elements distribution on the iron formation area are shown on Figures 7 - 11 (in text). Following is a brief description of individual elements and their anomalies.



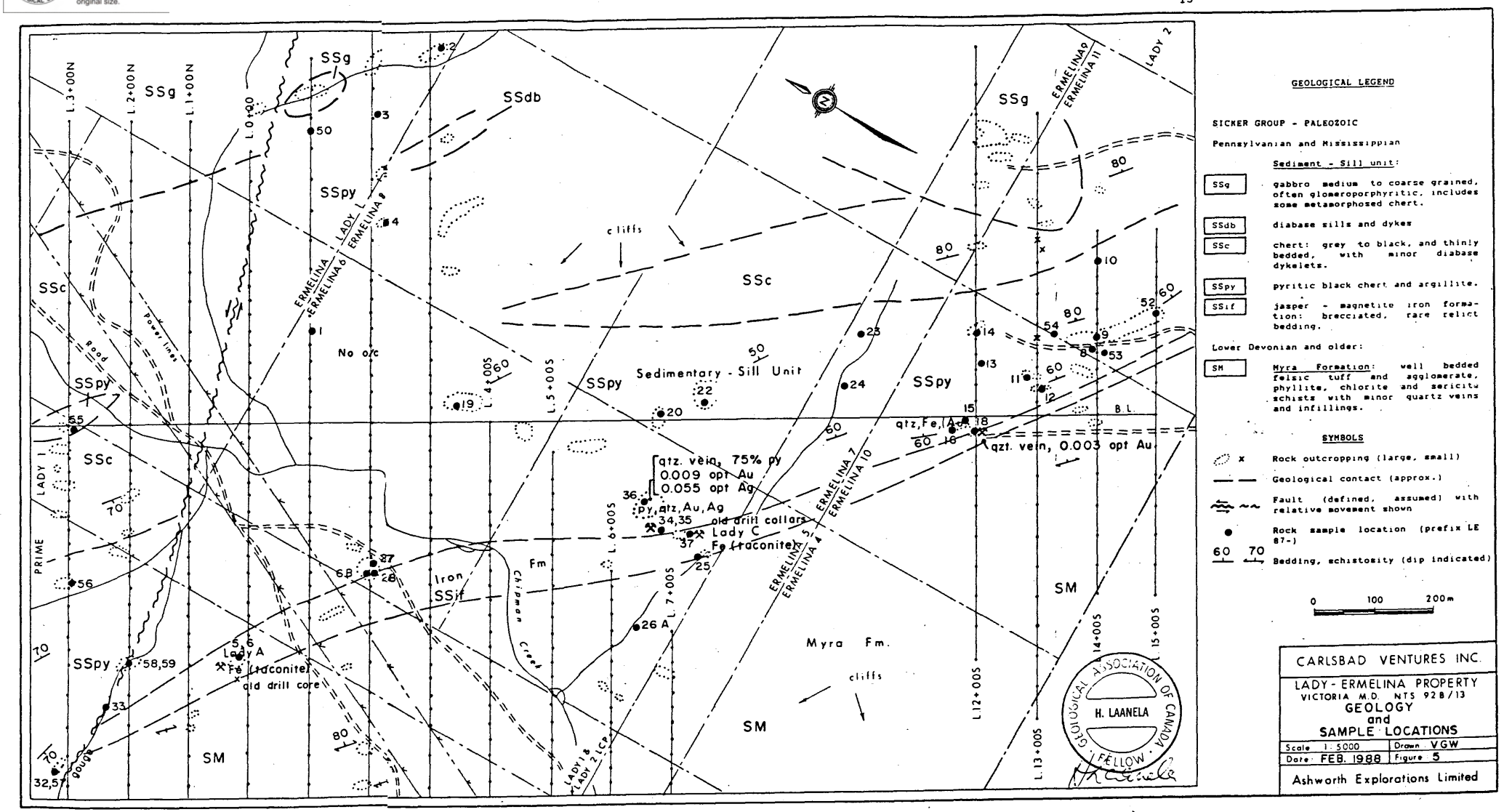
CARLSBAD VENTURES INC.

MOUNT SICKER VOLCANIC GOLD BELT

Vancouver Island, British Columbia
(Showing Claims & Discoveries)

Scale: 1:78,500	Drawn: HL/GT
Date: January, 1988	FIGURE: 4

Ashworth Explorations Limited



GEOLOGICAL LEGEND

SICKER GROUP - PALEOZOIC

Pennsylvanian and Mississippian

Sediment - Sill unit:

- SSg — gabbro medium to coarse grained, often glomeroporphyritic, includes some metamorphosed chert.
- SSdb — diabase sills and dykes
- SSc — chert: grey to black, and thinly bedded, with minor diabase dykelets.
- SSpy — pyritic black chert and argillite.
- SSif — jasper - magnetite iron formation: brecciated, rare relict bedding.

Lower Devonian and older:

- SM — Myra Formation: well bedded felsic tuff and agglomerate, phyllite, chlorite and sericite schists with minor quartz veins and infillings.

SYMBOLS

- x — Rock outcropping (large, small)
- Geological contact (approx.)
- Fault (defined, assumed) with relative movement shown
- Rock sample location (prefix LE 87-)
- 60 / 70 — Bedding, schistosity (dip indicated)

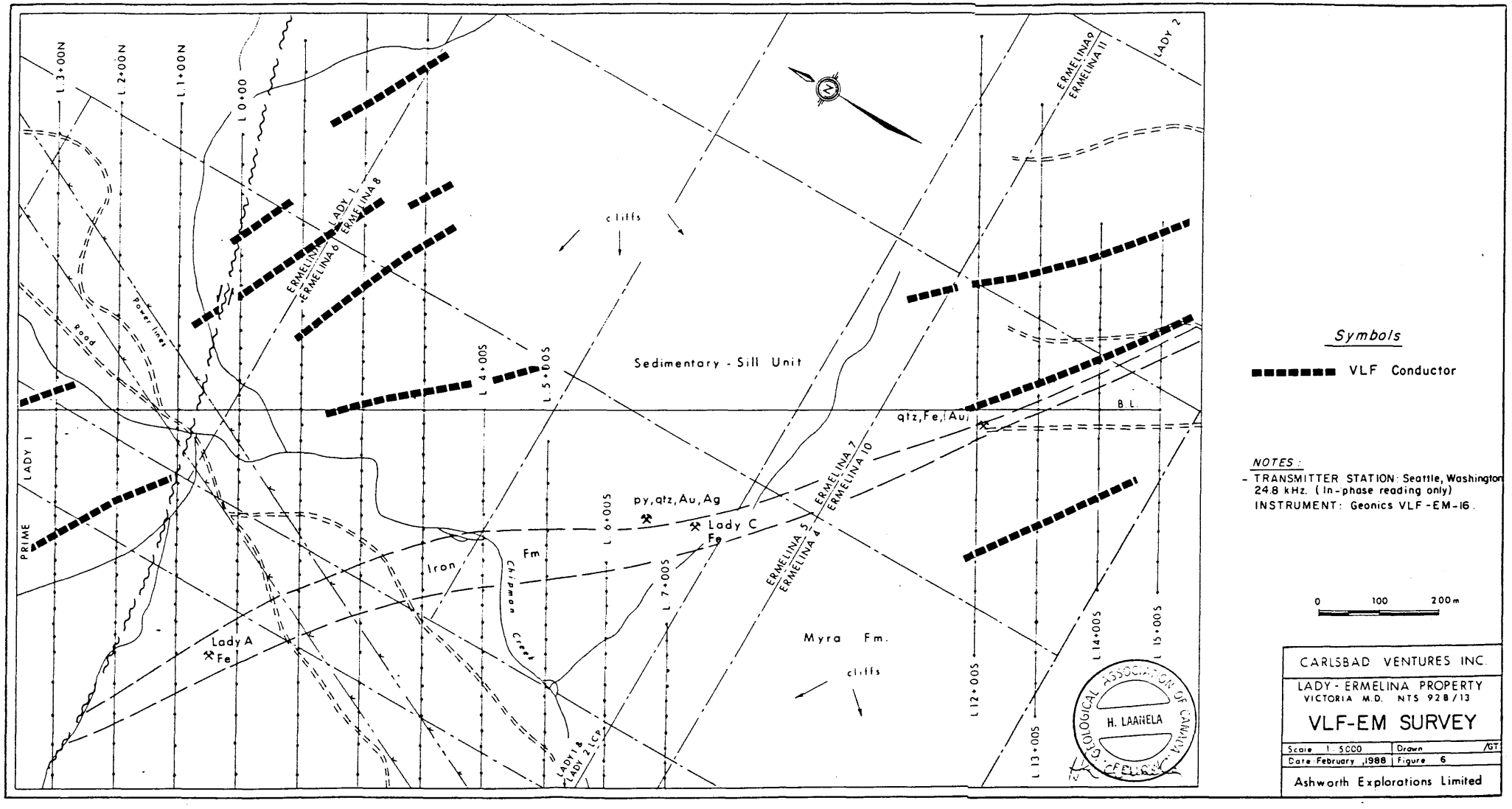
0 100 200m

CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13
GEOLOGY
and
SAMPLE LOCATIONS

Scale 1:5000	Drawn VGW
Date FEB. 1988	Figure 5

Ashworth Explorations Limited



Symbols

VLF Conductor

NOTES:

- TRANSMITTER STATION: Seattle, Washington 24.8 kHz. (In-phase reading only)
INSTRUMENT: Geonics VLF-EM-16.

0 100 200 m

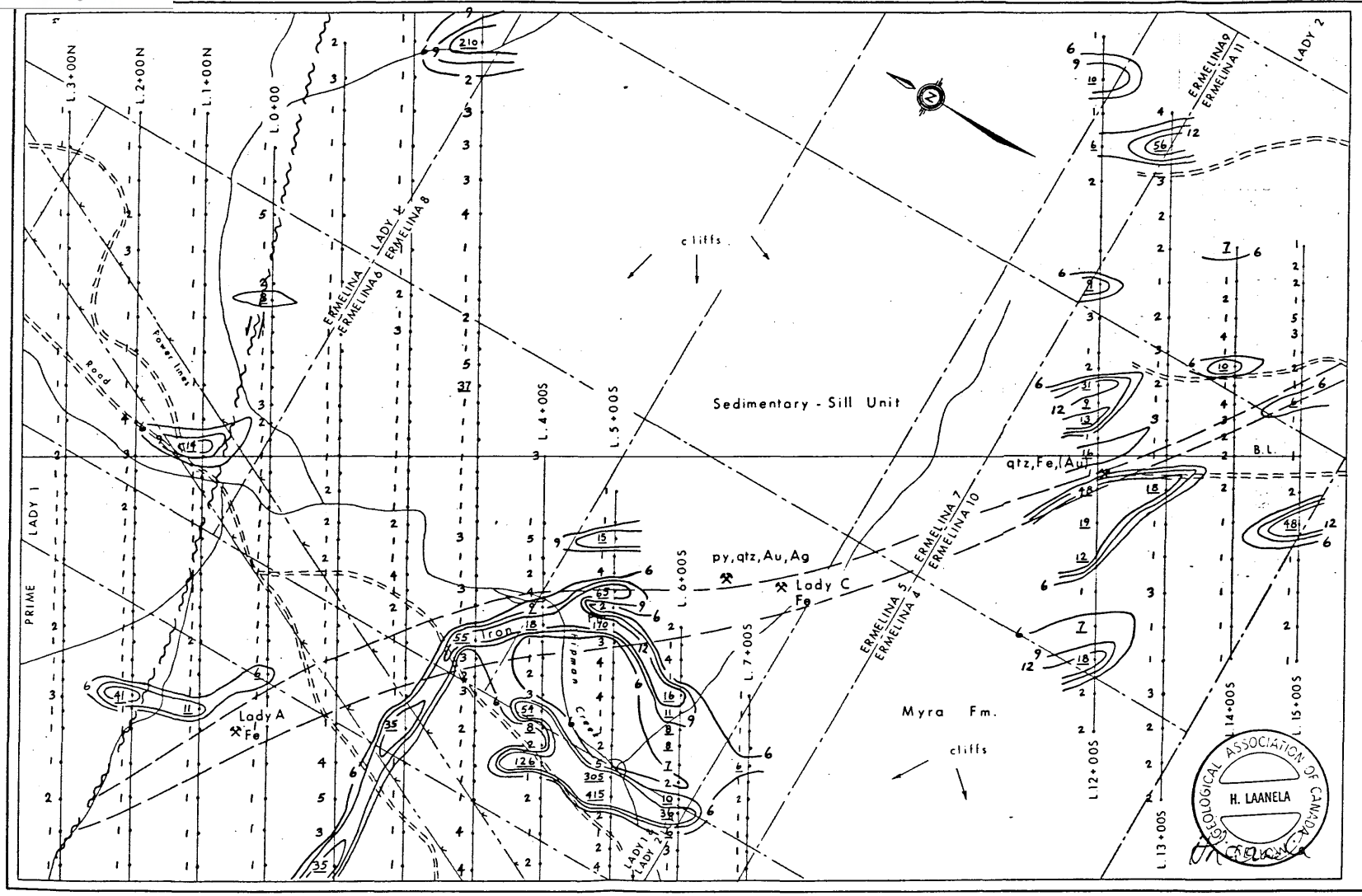
CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13

VLF-EM SURVEY

Scale 1:5000	Drawn /GT
Date February, 1988	Figure 6

Ashworth Explorations Limited



(all anomalous values are underlined and contoured)

contours: 6,9,12 ppb Au

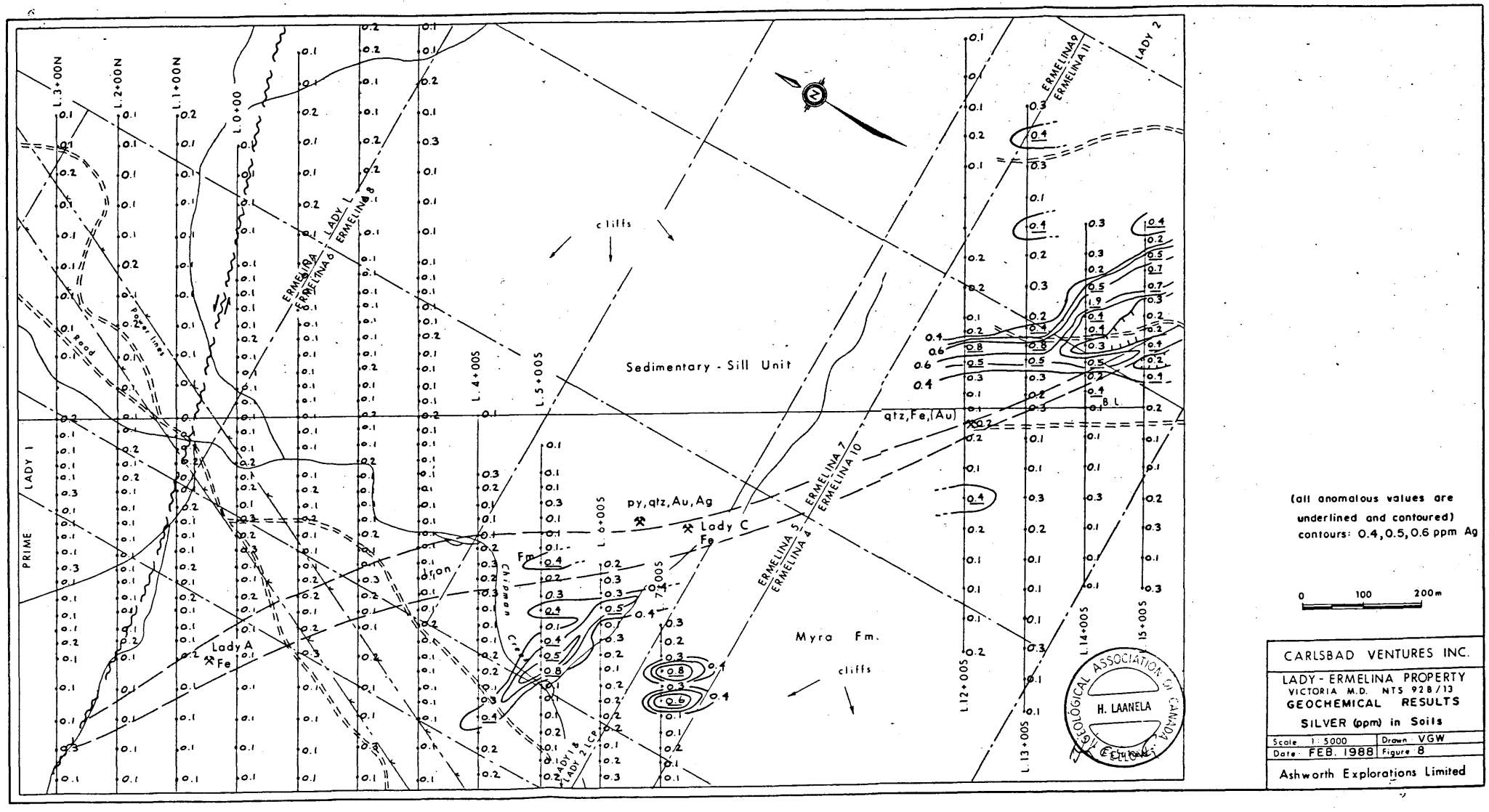
0 100 200m

CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13
GEOCHEMICAL RESULTS
GOLD (ppb) in Soils

Scale 1:5000	Drawn VGW
Date FEB. 1988	Figure 7

Ashworth Explorations Limited



(all anomalous values are underlined and contoured)
contours: 0.4, 0.5, 0.6 ppm Ag

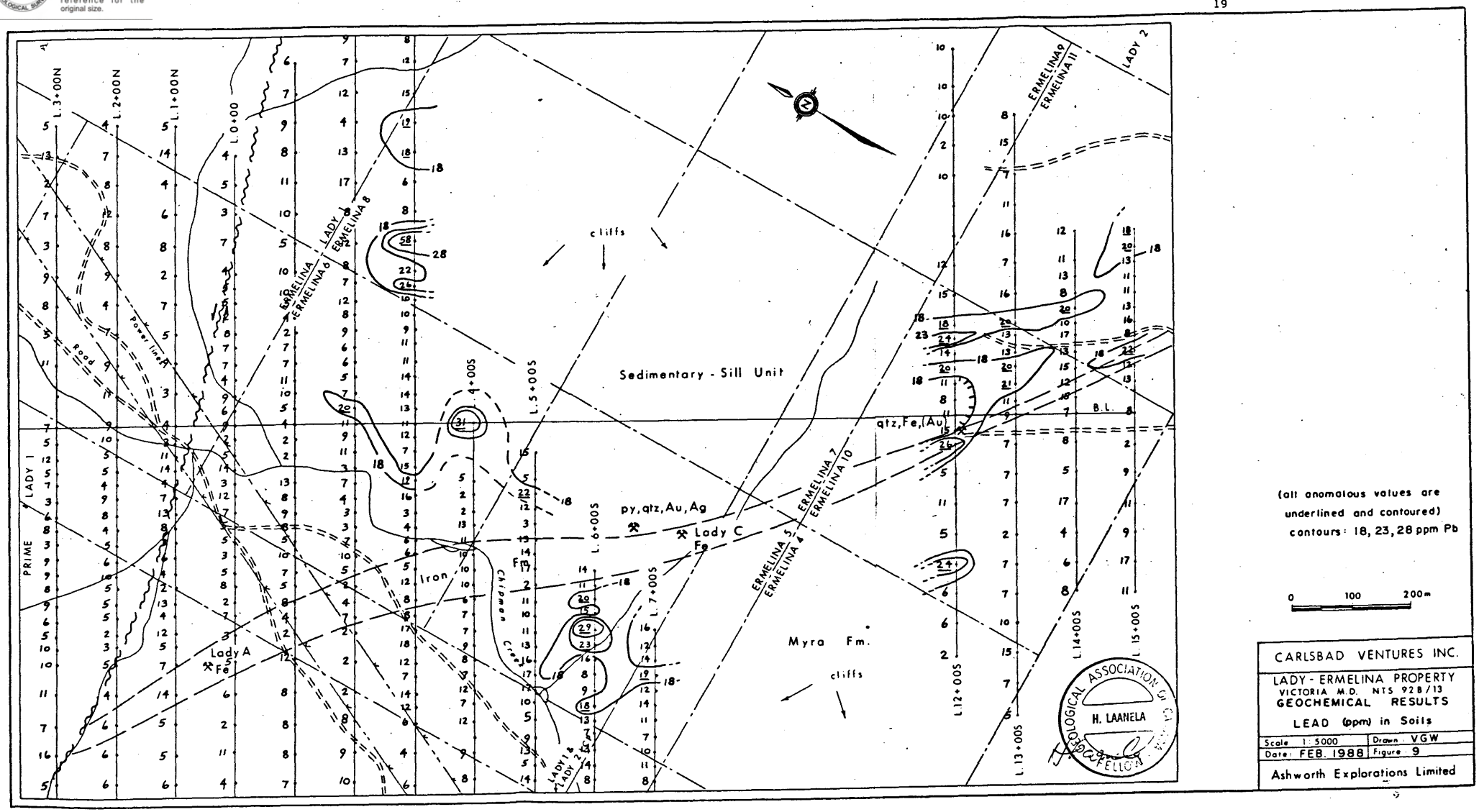
0 100 200m

CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13
GEOCHEMICAL RESULTS
SILVER (ppm) in Soils

Scale 1:5000	Drawn VGW
Date FEB. 1988	Figure 8

Ashworth Explorations Limited



(all anomalous values are underlined and contoured)
contours: 18, 23, 28 ppm Pb

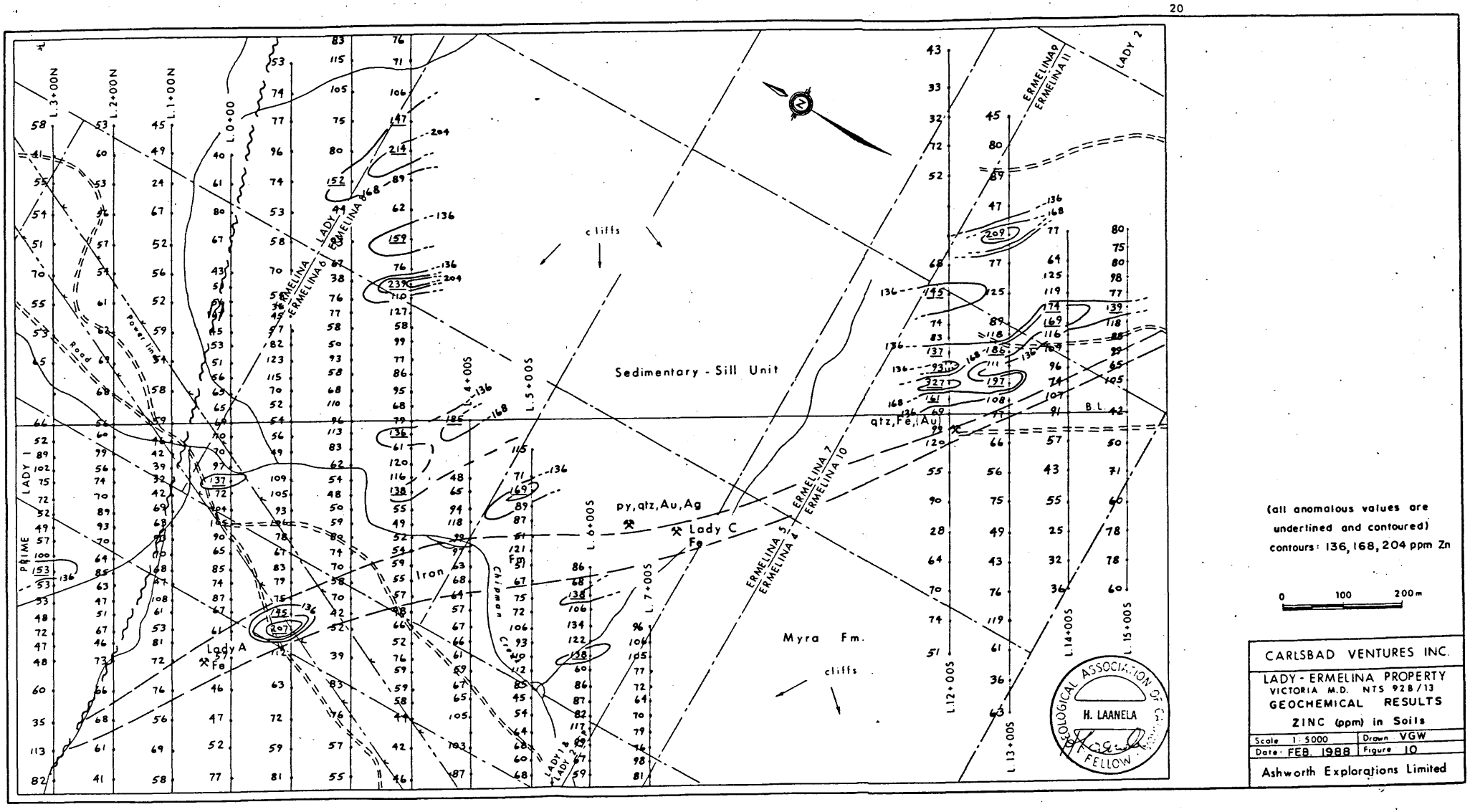
0 100 200m

CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13
GEOCHEMICAL RESULTS
LEAD (ppm) in Soils

Scale 1:5000	Drawn: VGW
Date: FEB. 1988	Figure 9

Ashworth Explorations Limited



(all anomalous values are underlined and contoured)
contours: 136, 168, 204 ppm Zn

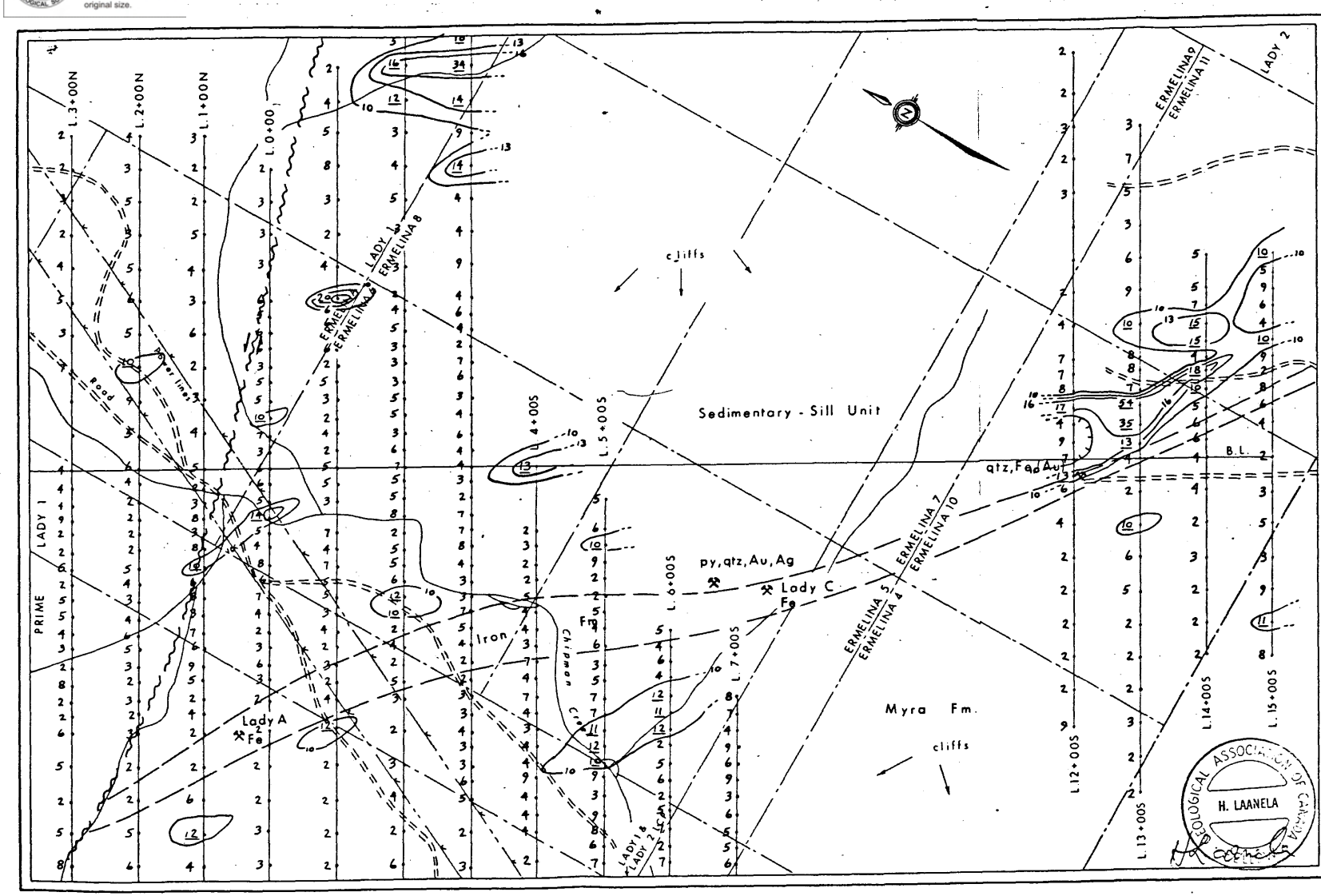
0 100 200m

CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13
GEOCHEMICAL RESULTS
ZINC (ppm) in Soils

Scale 1:5000	Drawn VGW
Date FEB. 1988	Figure 10

Ashworth Explorations Limited



(all anomalous values are underlined and contoured)
contours: 10, 13, 16 ppm As

0 100 200m

CARLSBAD VENTURES INC.

LADY - ERMELINA PROPERTY
VICTORIA M.D. NTS 92B/13
GEOCHEMICAL RESULTS
ARSENIC (ppm) in Soils

Scale 1:5000	Drawn VGW
Date FEB. 1988	Figure 11

Ashworth Explorations Limited

o Silver (Map 3)

Anomalous silver values occur in the southernmost part of the property with the greatest concentration occurring near the band of taconite/jasperoid rocks ("iron formation") (see Figure 8). No anomalous silver values occur on the north part of the property.

Background for silver is in the 0.1 (+/-) ppm Ag range with 0.3 ppm values as "threshold" and 0.4 ppm taken as anomalous (about 4% of total samples). The highest Ag value in soil samples is 1.9 ppm Ag, occurring on Line 14S-1 +75 EG in the Se corner of the Ermelina block. Here a NW trending belt of anomalous and above "threshold" silver values extends some 1.3 km. from the southern property boundary line to 4S with widths varying from 50 to 200 metres. There is a large gap in sampling between Lines 7S to 12S (about 600 metres) due to the very steep, rocky terrain.

There is some good local correlation with gold, lead, zinc, arsenic and bismuth, particularly on the four southernmost lines (see also Figures 7 to 11 in text preceding).

o Copper (Map 3)

Background for copper is in the 20 - 80 ppm range with 175 ppm Cu taken an anomalous; the values range from 2 to 674 ppm Cu.

Although sporadic copper "highs" are scattered throughout the southern half of the grid area, a rather definite copper soil anomaly occurs between Lines 1North and 13North, striking northerly and having dimensions of at least 1.2 km. long and up to 300 - 500 metres wide. This anomaly is centered on the Ermelina and Ermelina 1 claims and extends north of these; it partially overlaps part of a strong nickel-chromium anomaly which has a similar northerly trend.

o Lead and Zinc (Map 3)

Like the other metals, the anomalous values of Pb and Zn tend to occur sporadically over the grid area. However, the most interesting anomalies occur within the Ermelina block area where there is some correlation between these two base metals and locally also with gold, copper, silver, arsenic, manganese and cobalt. There is rather good correlation between Pb - Zn, Ag and a number of other elements in the anomalous area east of the base line on the southernmost Lines 12S to 15S (see Figures 7 - 11). Zinc values in soil range from 17 to 382 ppm with 136 ppm taken as anomalous. The respective figures for lead are 2 to 58 ppm and 18 ppm.

The highest lead value in soil, 58 ppm, which is about 8 - 10 times background, occurs in an anomaly on Line 3S, 0.5 km. NE of the "iron formation". This anomaly is "open" towards the unsampled gap to the SE. Similar to silver, lead anomalies also occur close to the "iron formation" between Lines 6S and 15S on both sides of the above "gap" (see Figure 9).

Zinc anomalies follow, with some exceptions, the pattern of lead anomalies. The most definitely outlined trend occurs parallel to and just NE of the "iron formation" on Lines 12S to 15S (see Figure 10). Here it is very closely associated with gold, silver, zinc, arsenic, etc. and also with two VLF-Em conductor zones (see Figure 6 and Map 10) and some magnetic anomalies (Map 11-A). This anomalous zone appears to continue NW of the unsampled "gap". The highest zinc value of 382 ppm, which is about 7 times background, occurs on Line 3N/3+50W in another anomalous zone.

o **Arsenic** (Map 4)

Values in soils range from 2 - 247 with background in the 2 - 6 ppm range and values above 10 ppm taken as anomalous. Distribution is strongly "skewed" positive, i.eg. logarithmic, indicating a definite anomalous content in values. Anomalous arsenic values tend to be scattered as "spot highs" or small groups, mostly within the southern third of the property. There is some correlation with silver, lead and zinc, particularly on Lines 5S to 15S, coinciding with the silver anomaly (see above).

The most interesting anomaly occurs just north of the "iron formation" on Lines 12S to 15S, where it is closely associated with gold, silver and base metals in soil. Another interesting anomaly is on Lines 2S and 3S, nearly one km. NE of the "iron formation"; it is "open" toward the SE (see Figure 11). The highest As value, 54 ppm, which is about 12 - 25 times background, occurs on Line 13S, north of the "iron formation" and close to the high silver and base metal values in the same anomalous zone.

o **Antimony, Bismuth and Cadmium** (Map 4)

All anomalous values of these three elements are too sporadically distributed and too low to make much sense on an individual basis. However, in a later review, they have been grouped with other chalcophile elements (Map 7).

The range of Bi values in soils is 2 - 6 ppm with 4 ppm as anomalous. Some figures for Sb are 2 - 8 and 3 ppm. For cadmium, most of the values are at the 1 ppm detection limit, with only 8 samples (less than 1%) occurring as 2 ppm taken here as "threshold" value.

7.2.2 Siderophile Elements: Au, Mo, Co, Ni
(see Maps 5 and 8)

Siderophile elements, which also include Fe, P and platinum group elements, are those having primarily an affinity for iron; they are concentrated in the earth's core. They normally prefer the metallic bond characteristics of metals and do not tend to form compounds with oxygen or sulphur, thus explaining why gold and platinum group metals commonly occur as native metals.

o **Gold** (Map 4)

Gold values in soil have a range from 1 - 445 ppb with the background in the 1 - 2 ppb range. This 415 ppb "high" (0.012 oz/ton Au) is at least 200 times, possibly 400 times, the background value of gold in soil. To calculate the statistical parameters, the high values were "cut off" at 20 ppb Au (i.eg. 2.5% of the samples were omitted) in order to avoid unwarranted statistical bias caused by a few relatively high values. Hence, the "threshold", both calculated and from the graph (Map 4), is taken as 4 ppb Au and 6 ppb is taken as anomalous (see Graph on Map 4).

The most significant anomalous values of gold are those clustered on the Ermelina block of claims at the southern end of the property. These occur mainly on Lines 3S to 12S with a large "open" unsampled gap in the centre of this part of the grid (see Figure 7). These gold anomalies, along with associated silver, arsenic and base metal anomalies, occur along and on both sides of the "iron formation".

There are additional small or "spot" Au anomalies throughout the grid area. (The highest Au value was 495 ppb occurring alongside two lesser values (71 and 29 ppb Au) on Line 31N, just east of the powerline. Since the high values there appeared somewhat incongruous, these sample sites were resampled on April 28, 1987 for further checking. The five repeat samples give only background values.)

o **Molybdenum** (Map 4)

The total range of Mo values is only 1 - 21 ppm, with background in the 1 - 2 ppm range; 6 ppm is taken as anomalous.

Two Mo anomalous areas are indicated, one along the west boundary of Ermelina 1 claim, the other just east of the base line, in the anomalous zone near the south edge of the property. Some low anomalous and above threshold values appear to suggest a low anomalous trend joining these two anomalous areas, along a NNW strike.

o **Cobalt** (Map 4)

Cobalt values in soil have a range of 1 - 111 ppm, with a background in the 5 30 ppm Co range; 35 is taken as anomalous. The anomalous values also tend to be somewhat scattered, mainly on the South Grid, where there is some correlation either with base metals and silver, or with a belt of strong Ni-Cr soil anomalies (see below) striking NNE.

Co, along with Ni, may form haloes around Ag veins and is used as a "path-finder" for Platinum Group Elements.

o Nickel (Map 4)

Nickel values in soil have a range of 1 - 379 ppm, with 5 - 20 ppm background; 60 ppm Ni is taken as anomalous.

Contoured anomalies and threshold values indicate a very definite anomalous zone extending from Line 16N (near the centre of the North Grid) to the SW corner of the property on Line 9S, a total strike length of at least 3.5 km. and width from about 50 metres widening to several hundred metres toward the north. This anomalous belt coincides almost exactly with as similar chromium anomaly (see below); there is a very good to excellent correlation between Ni and Cr, and locally between Co and Cu. Several precious and base metal anomalies (Ag, Au, Pb, Zn) cross this Ni-Cr anomaly on the Ermelina claims. There is a gap of 300 metres in this otherwise continuous and strongly outlined anomaly on Lines 6N to 4N. The long southern "tail" part of the anomaly closely follows the mostly overburden filled valley of Chipman Creek.

Ni has medium mobility and is generally associated with ultramafic rocks, platinum group elements, hydrothermal sulphides and silver veins,

7.2.3 Lithophile Elements: Mn, Ba, Sr and Cr (see Maps 6 and 8)

This group includes a number of other elements, analyzed here, but not shown on the map. These include rock forming elements such as K, Mg, Ca, Na and Al, rare earth elements such as La, and actinide series such as U and Th; still others are V, Ti, B and W (see lab reports in Appendix). These elements are concentrated in the earth's crust and have an affinity for silicates. Lithophile elements ionize readily and tend to form or be associated with silicate minerals in which ionic bonding is found.

o **Manganese and Barium** (Map 6)

Anomalous values of both Mn and Ba appear to be closely associated here.

The ranges for Mn and Ba values are 49 - 9,123 and 14 - 533 ppm respectively with their respective mean values at 590 and 96 ppm and "thresholds" at 1,090 and 150 ppm. For avoiding statistical bias caused by high values, the "cut-offs" in calculating statistical parameters were chosen at 3,000 ppm Mn while all values were used for Ba. The values above 1,600 Mn and 200 ppm Ba were taken as anomalous.

Although individual anomalous values for Mn and Ba tend to be scattered, most of these are concentrated in the southern part of the grid, as shown by a general anomalous trend outline on Map. Manganese anomalies on the four southernmost lines, L12S to L15S, appear to correlate well with precious and base metal anomalies (Ag, Au, Pb, Zn, As). Mn anomalies are of interest since they tend to form "haloes" beyond and around mineral

deposits. Ba is found as barite with base metal deposits. On the Lara property, the presence of Ba was considered to be significant (Smee, 1983).

o **Strontium** (Map 6)

Strontium appears to be locally correlated with Mn and Ba anomalies, particularly toward the south end of the grid. Its range is 5 - 77 ppm Sr, with background of 8 - 24 and a "threshold" of about 27 ppm Sr. Values over 36 ppm are considered to be anomalous.

o **Chromium** (Map 6)

Chromium anomaly very closely duplicates the nickel anomaly (see above), having the same shape and dimensions. The range of values if 3 - 642 Cr, with a background of 10 - 40 ppm and "threshold" of 80 ppm; value of 120 ppm is taken as anomalous.

Cr, along with Ni, is indicative of ultrabasic rocks. The geochemical mobility of Cr is low to immobile; it tends to travel as detrital grains. It is a good "pathfinder" for Platinum Group Elements (Pt, Pd, et al) along with Ni and Co. Cr is strongly lithophile in the earth's crust but may occasionally act as a chalcophile.

7.2.4 Discussion of Combined Geochemical Anomalies (See Maps 7, 8 and 9)

The foregoing descriptions of geochemical soil survey results covered a wide range (16) of elements and a profusion of often low to moderate anomalies distributed over a wide area.

For the purpose of the following discussion, the anomalous values of the previously described ore metals, as well as a number of trace or "pathfinder" elements, have been grouped by totalling the anomaly ratings of various elements (if present in anomalous amounts) in each sample. The resulting three maps (Maps 7, 8 and 9) show a number of well defined anomalous zones or areas which can be correlated with geological and geophysical information in order to select targets for follow-up work.

o **Chalcophile Elements** (Map 7)

This map shows combined anomaly rating for 8 chalcophile elements, i.eg. Ag + Cu + Pb + Zn + As + Sb + Bi + Cd in soil samples. Several "definitely anomalous" areas or zones are indicated on the South Grid, outlined by rating of 4 contour.

The zone of most interest here extends SE from L5S - 4W across an approximately 700-metre wide unsampled gap to L15S - 2 + 50E, a distance of some 1.3 km. Aside from the gap, located on precipitous mountainside, the

anomaly is still open towards the south. A number of smaller anomalous zones occur on Lines 3S to 9S, all being "open" toward the SE facing the gap. Several interesting "highs" also occur on Lines 4N and 5N on the Prime Claim toward the west side of the property.

o **Siderophile and Lithophile Elements** (Map 4)

This map shows combined anomaly ratings for 3 siderophile (Au + Mo + Co) plus 3 lithophile (Mn + Ba + Sr) elements; Ni + Cr combined anomaly is shown on Map 9 (see following) since these two elements form a distinctly different anomaly.

Although differing in details, the general anomalous picture is very similar to that of the previously described chalcophile element anomalies (Map 7). Again, several "definitely anomalous" areas or zones are indicated on the South Grid outlined by rating of 4 contour. The most pronounced anomalous zones coincide or run sub-parallel to the "iron formation" (taconite lenses), similar to chalcophile anomalies. They are also interpreted as following the regional geological strike. A number of these anomalies are also "open" and facing the unsampled gap on the South Grid.

o **Combined Anomaly Rating** (Map 9)

Map 9 shows a) anomalies of all 14 elements of Maps 7 and 8 combined into one set of generally NW striking anomalies, and b) combined anomalies of chromium and nickel forming ma strongly defined soil anomaly striking NNE across the first set. All significant anomalies occur on the South Grid in the south half of the map area.

A) The NW Striking Anomalous Zones:
The first set of anomalies consisting of combined Au + Ag + Cu + Pb + Zn and 9 other elements associated with them, are interpreted as reflecting mineralization in underlying bedrock, with anomalies having the same NW trend as the general regional geological strike of mapped Sicker Group rocks. This regional strike is particularly well-illustrated by the "iron formation" (SSif on Map 2), as well as the NW strike of VLF-EM "cross-over" zones (see Map 10).

These anomalous zones occur both SW and NE of the "iron formation", which here appears to separate the Myra Formation (SM) rocks from the overlying pyritic member of the Sedimentary-Sill Unit (SSpy), here consisting of pyrite rich black chert and argyllite (see Map 2). The anomalies diminish northwest, with the approach of non-pyritic members of the Sedimentary-Sill Unit (i.eg. SSc and SSg) and dioritic intrusives. A number of anomalies also occur directly over the "iron formation" particularly on Lines 3, 4 and 5 South. The Abermin's Randy North mineralized zone, about 1.5 km toward the SE (on T.L. Claim) occurs on the same geological strike as the "iron formation" (see Figure 4).
The strongest and best defined geochemically anomalous area, indicated also on all previous maps by a number of individual metals, and

accompanied by two well-defined in-phase VLF-EM conductors (see Map 10), occurs east of the Base Line, on Lines 12S - 15S. It is subparallel to and mainly NE of the "iron formation" (not well mapped here). It is also open, both Se, past the claim group boundary, and NW, where a large gap exists in the grid and survey coverage. The geochemical anomalies on both sides of the gap are "open" toward this 400 - 600 metre wide unsampled area (the terrain was considered to be too precipitous) which also includes the Lady C taconite and massive sulphide showing. It is reasonable to expect that at least some of the more anomalous trends will be continuous across the gap. Hence, it is important to close this gap by additional surveys.

B) The NNE Striking Anomalous Zone:
The second set of geochemical anomalies on Map 9 consists of a combined Ni + Cr anomaly (shown separately on Maps 5 and 6). It contained practically all of the high Ni-Cr values in soil samples. It trends for about 3 km in a NNE direction from the SW corner of the property, following the Chipman Creek valley upstream. The northern part of this trend is wider (up to 400 metres across) and consists of two separate sections (and possibly a third weaker section on Lines 13N and 16N). The southern part of the Ni-Cr anomaly is narrow and weaker, but still very well-defined. Locally, particularly toward the north, some copper and cobalt "highs" are also associated with this zone (Maps 3 and 5).

The source and significance of this very distinct geochemical anomaly is not yet established; further follow-up is needed. The geological mapping to date offers no clues. However, several possibilities can be considered.

The strong values of Ni and Cr in geochemical samples usually can be taken as a good indication of the upstream presence of ultrabasic rocks. Since Chromium tends to "travel" as detrital grains, its presence in river valleys and stream sediments points to source rock upstream. This may be the case here.

The narrow linear shape of the south part of Ni-Cr anomaly suggests the presence of a large, long ultrabasic dyke running parallel to, or along, the Chipman Creek Valley, probably widening to a larger ultrabasic body (or bodies) toward the centre of the property. Unfortunately, comparison of the geology map with the outline of the Ni-Cr anomaly neither proves, nor disproves, due to the lack of outcrops in the pertinent areas.

The study of both the topography (Map 1) and geology (Map 2), as well as the brief examination of the property, suggests that the Ni-Cr anomaly here is caused by a more distant source, probably toward or at the east-central part of the property, which has not been mapped or sampled so far. The major part of the anomaly is underlain by an apparently thick cover of sand, well rounded cobbles and gravel. The area covered by this material narrows to a floodplain toward the south,

downstream, as suggested by the shape of the anomaly. Toward the north, on the Ermelina Claim, where the anomaly is widest and strongest, the valley is also wider, with a tributary stream entering it from the east. The anomaly is "open" toward the east, along the north side of this tributary. A second anomaly occurs on Lines 7N and 10N, on the main creek, also "open" toward the east. A similarly situated, but smaller and weaker Ni + Cr anomaly, occurs along the east ends of Lines 13N and 16N, about 0.5 km east of the main stream channel.

Since none of the soil or rock samples were analyzed for Platinum or Palladium, it is not known what potential there is for the Platinum Group minerals in the area. It is suggested that at least a selected number of already collected samples running high in Ni and Cr (and Au, etc.) should also be analyzed for Pt and Pd. If the lab results are positive, then the source rocks of Ni - Cr anomalies should be located, mapped and prospected.

7.3 GEOPHYSICAL SURVEYS

7.3.1 VLF-EM Surveys
(See Map 10)

The VLF-EM surveys were run by taking the in-phase (dip angle) readings only using the Seattle transmitter. The lack of out-of-phase readings considerably restricts the interpretation of the conductive anomalies. Strong interference from the 2 high-tension power lines, which varied depending on atmospheric conditions, also restricted the information from several critical areas, particularly on Lines 2N and 3S. Similar to soil sampling coverage, there is a 400 to 600 metre wide gap north of Lines 12S, due to precipitous terrain.

However, a number of more or less parallel, NW trending conductive zones are indicated on the South Grid. Some of these may be related to graphitic layers and/or pyritic horizons and seams within the black argillite. The best defined conductors run NW and parallel to the "iron formation", following the regional strike of the geology and the trends of precious and base metal geochemical anomalies. This area is underlain by the pyritic Sediment-Sill Unit (SSpy).

On the southernmost 4 lines (L12S to L15S), two well-defined subparallel EM conductors, about 150 to 200 metres apart, have good correlation with soil anomalies (See Figures 6-11). There is also some correlation with magnetic anomalies. As mentioned previously, this multiple anomalous zone appears to continue across the unsurveyed "gap" toward the NW (see also Figure 6 and Map 11-A). Toward the SE, this anomalous zone appears to be on the same strike as Abermin's new North Randy mineralized zone on their T.L. claim (see Figure 4), about 1.5 km away. On the north part of the South Grid, the coincidence of EM conductors with soil anomalies occurs only locally; in most cases the EM and soil anomalies tend to be offset but parallel. North of the major EG-W fault, outside the pyritic Sediment-Sill Unit (SSpy), the conductive zones have no associated soil anomalies at all.

For better interpretation of the EM conductors, the most anomalous lines should be re-run by taking in-phase and out-of-phase VLF readings. Fraser-filtering of the present data may also give new insights in locating the conductor axes.

7.3.2 Magnetic Survey
(see Maps 11-A and 11-B)

The readings of the ground magnetic survey, which was run with a proton precession magnetometer, were plotted as profiles because no diurnal corrections were made. As in the EM survey, there was strong interference from the 2 power lines, resulting in a 150 - 200 metre wide strip where no readings could be taken. There is also an unsurveyed gap in the South Grid, NW of Line 12S, where the terrain was too precipitous for running lines.

1. The "iron formation" (SSif on geology Map) is accompanied by strong magnetic "highs", particularly between the Lady A and Lady C taconite showings where this band is widest. The anomalies on Lines 12S and 15S, associated with geochemical anomalies and VLF-EM conductors, appear to be of particular interest on the southernmost area of the claims.

2. Other strong magnetic "highs" appear to be related to magnetite gabbro, and probably pyrrhotite in cherts and also diabase dykes in the area of the Sediment-Sill Unit.

3. A series of strong, aligned subparallel to parallel "highs" and their accompanying "lows", striking northerly, occur in the NE corner of the South Grid (Lines 4N and 7N) and probably extend to Lines 10N and 13N of the North Grid. They appear to be underlain by gabbro; there is also some overlap with the strongest parts of the high Ni-Cr soil anomaly, which suggests the possible presence of ultrabasics here, containing these elements.

4. The profiles over areas of Myra Formation schists, i.eg. in the area SW of the "iron formation", are distinctly low and flat.

8. CONCLUSIONS

1. A belt of NW trending, geologically favorable Paleozoic Sicker Group rocks underlies the southern part of the Lady-Ermelina group of claims. In this area, as well as elsewhere on Vancouver Island, this belt contains several past and present producing mines and a variety of new base and precious metal prospects, including the old Mount Sicker Mining Camp, and the more recent Lara deposits, SE of the property.

2. The presence of the exhalative type "iron formation", with two known taconite (Fe) showings on the southern part of the property indicates that a favorable geological environment for volcanogenic massive sulphide and/or precious metal deposits exists on the property.

3. The 1987 sampling of various outcrops and quartz veins on the property located two small mineralized quartz veins along or near the "iron

formation". One of these showings contains a pod of massive sulphides which assayed 0.009 opt gold, plus 0.055 opt silver, while the other showing assayed 0.003 opt gold.

4. The 1987 geochemical survey resulted in the discovery of a number of precious, base and trace metal anomalies. Most occur on the south part of the property, in the area underlain by Myra Formation schists and pyritic black shales. Individually, these anomalies tend to be sporadic and only locally correlating. However, when the various geochemical anomalies are combined, they merge into larger NW-SE trending geochemically anomalous zones. The best of these well-defined anomalous zones occur close to or along the "iron formation", particularly on Lines 12S to 15S; they are "open" toward the large unsampled "gap" north of Line 12S, - an area of precipitous terrain and cliffs.

5. Comparison of geochemical values in the soils with those obtained by Abermin on the Lara property, which is geologically similar, indicates that:
   - overall results are comparable;
   - copper and zinc "highs" tend to be better on the Lady-Ermelina claims;
   - lead "highs" are better and more numerous on the Lara property (because most of the Lara samples were taken from the humus-horizon which apparently concentrates lead better).

   No soil samples from Lara were analyzed for gold or silver.

6. Outcrops are scarce, particularly along the valley bottom, hence it is difficult to correlate the geochemical anomalies with geology. This scarcity of outcrops also explains the small number of mineral showings found so far. (Same problem reportedly occurs on the Lara property).

7. The VLF-EM conductors (in-phase only), striking NW the same as the regional geology, occur mainly in the area of pyritic black chert and argillite. It is thought that some are caused by graphitic and/or sulphide (= pyritic) layers in these rocks. The two best defined conductors occur on Lines 12S to 15S, associated there with the most pronounced soil anomalies (Au, Ag, Zn, Pb, As, etc.); hence these may reflect subsurface mineralization.

8. The mag anomalies tend to reflect major rock types, i.eg. the profiles are low and flat over Myra schists, and "highs" are associated with magnetite gabbro, diabase dykes and "iron formation". An exception is an anomalous area over Lines 12S to 15S, associated with VLF-EM conductors and geochemical anomalies NE of the "iron formation", which appears to be related to a possible mineralized zone.

9. Abermin's Lara property, which is geologically similar and contains the auriferous and base metal rich Coronation, Randy North, and other zones, is on the same geological trend a few km SE of the Lady-Ermelina property. The Randy North mineralized zone, which was found in late 1986 and is not yet fully explored, occurs 1.5 km toward the SE along the same geological strike as the "iron formation" and its associated anomalous zones on the Lady-Ermelina claims.

10. The same zone continues NW, toward Rheinhart Lake where gold, etc., mineralization has been reported on the Trek and Sognidoro properties.

11. A strong, well-defined NNE trending Nickel - Chromium soil anomaly cuts across most of the South Grid area and across the other prevalent regional trends.

12. In summary, the area of most interest presently is adjacent to the "iron formation" on Ermelina Claim block, particularly on Lines 12S to 15S. The various soil and geophysical anomalies here appear to continue across the unsurveyed "gap" toward the NW, joining with the anomalies there. Toward the SE, this multiple anomalous zone appears to be on the strike of Abermin's Randy North zone.

13. It is concluded that a follow-up exploration program is warranted to determine the economic potential of the claim group.

9. RECOMMENDATIONS

9.1 PHASE II

1. First of all, a special attempt should be made to cover the "gap" in the recent survey coverage, north of Line 12S, by at least 2 additional lines (eg. 8S and 10S), particularly in the projected continuation of the anomalous area adjacent to the "iron formation" (see Map 9). Detailed prospecting for sulphides and mineralized quartz veins should also be carried out.

2. Soil samples from the high Ni-Cr anomaly area (see Map 9), occurring on Lines 0 to 4N, 7N and 10N, should be re-run in the lab for Platinum and Palladium.

3. Additional soil sampling, mapping and prospecting should be carried out toward the east boundary of the property, using additional and extended lines. Suggested new and/or extended lines are: 16S, 13S, 10S, 8S, 5S, 2S, 1N, 4N, 7N, 13N, 16N and 19N, totalling about 16 line km. The last 6 or 7 lines here (2S to 19N) should be considered in view of results from step 2, above). Notice that most of the lines run at 300 metre intervals. Soil samples (about 300), should be initially taken at 50 metre intervals.

4. Laying out more detailed control grids; say at 50 or 25 metre line intervals, in selected areas. One such area already indicated is the zone of EM and soil anomalies crossing Lines 12S to 15S, and NE of the "iron formation", some 300 - 400 metres wide, at the south end of the South Grid. Another such area is about a kilometre NW of here, SW of "iron formation", on Lines 3S to 6S, containing strong geochemical anomalies, including gold.

5. These grids should be soil sampled in detail, say at 25 x 50 to possibly 10 x 25 metre intervals (including samples already taken). Where overburden is deep or where clay-horizons are expected, the A or humus horizon should be sampled instead of the B-horizon. The grids should also be carefully

prospected and mapped, including assay sampling and whole-rock-analysis of outcrops. Since overburden is probably extensive in most of these areas, detailed geophysics (EM, Mag, IP) have to be considered, along with geophysical consultation. (IP apparently worked well on the Lara property.)

6. Detailed prospecting and geological examination of any new mineralized occurrences, gossans, quartz veins, geochemical anomalies, EM conductive zones and magnetic anomalies.

7. Extend VLF-EM and Mag Survey, similar to soil survey above, where feasible. In case of VLF-EM surveys, out-of-phase readings should be taken on lines where "cross-overs" are encountered, to permit better evaluation of the conductor zones. Similarly, some selected previously run VLF-EM survey lines should be re-run for out-of-phase readings. All VLF-EM data should also be Fraser-filtered, using alternatively 25, 50 and possibly 100 metre station intervals for interpretation of results at different depths.

8. The results of this work and the previous assessment 1987 survey results should be combined, plotted and evaluated. Target areas should be then selected for Phase III surveys. Probably more detailed scale maps (eg. 1:2,000 or 1:2,5000) will be required for some areas.

9.2 PHASE III

This phase would be contingent on positive results from Phase I and Phase II. It would consist of backhoe trenching, geophysics and diamond drilling.

10. PROPOSED BUDGETS

10.1 PHASE II

(Geological mapping, rock sampling, soil sampling, magnetometer and VLF-EM geophysics, crew of 5 for 14 days)

Crew of 5 men for 20 days	$950
Field Crew (including mob and demob	25,560
Field costs (truck rental, food and accommodation, geophysical instrument and computer rental, supplies, shipping charges	13,300
Lab analysis (rocks and soils)	9,840
Report and supervision	6,950
Subtotal	56,600
Administration (15%)	8,490
TOTAL	$65,090
Say	$65,000

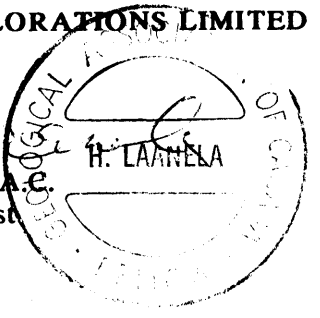
10.2 PHASE III

Contingent upon results from Phase II, hence subject to revision
(Diamond drilling, trenching, geophysics, crew of 3 for 30 days)

Project preparation	$2,000
Field crew (including mob and demob	25,500
Field costs	20,000
Lab Analysis	8,000
Backhoe support	6,000
Diamond drilling (1,000 metres @ $100/metre)	100,000
Report and supervision	16,000
Subtotal	177,500
Administration (15%)	26,625
TOTAL	$204,125
Say	$205,000

Respectfully submitted,

ASHWORTH EXPLORATIONS LIMITED



February 5, 1988
Nanaimo, B.C.

Hugo Laanela, F.G.A.C.
Consulting Geologist

CERTIFICATE

I, **HUGO LAANELA**, of 3657 Ross Road, Nanaimo, B.C. do hereby declare that:

1. I am a geologist, graduate of the University of British Columbia, Vancouver, B.C., in 1961 with a B.C. degree in geology.

2. I am a Fellow of The Geological Association of Canada, and a full member of The Association of Exploration Geochemists, The Canadian Institute of Mining and Metallurgy, and The Australasian Institute of Mining and Metallurgy.

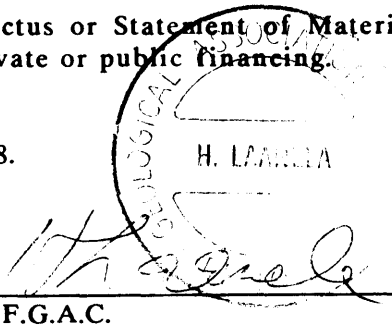
3. I have practiced my profession as a mining exploration geologist from 1961 to 1966 and 1973 to present across Canada, and during 1966 to 1972 as a senior/regional geologist in Australia.

4. The information, opinions and recommendations presented in this report are based on my examination of exploration data and my previous experience in the area, library research, and my visit to the property on April 28, 1987.

5. I have no interest, direct or indirect, in any of the claims of the property, nor have I any shares in Lode Resources Corporation or Carlsbad Ventures Inc.

6. I consent to the use of this report in a Prospectus or Statement of Material Facts by Carlsbad Ventures Inc. for the purpose of private or public financing.

Dated at Nanaimo, B.C., this 5th day of February, 1988.



Hugo Laanela, F.G.A.C.

LIST OF PERSONNEL

The following people were involved during early 1987 with the Field Program on Lady-Ermelina property:

Alan Hill	Project Geologist, B.Sc.	January 16 - 24 February 18 - 23
Elizabeth Scroggins	Field Geologist, B.Sc.	January 16 - 24
John Fleishman	Senior Geotechnician	January 16 - 24 February 18 - 23
Robert Paeseler	Geotechnician	January 16 - 24 February 18 - 23 April 28
Ted Archibald	Geotechnician	January 16 - 24 February 19 - 23
Greg Brown	Geotechnician	January 16 - 24 February 19 - 21
Hugo Laanela	Consulting Geologist B.A., F.G.A.C.	April 28

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Northwest Prospector Section II, February - March 1987, p. 29: "Vancouver Island: Sicker Belt Updates"; references to Abermin/Laramide new sulphide discoveries north of Coronation Zone; also, Rheinhart Lake area.

APPENDIX A

Geochemical ICP Analysis - Lab Data Sheets

by

Acme Analytical Laboratories Ltd.
685 East Hastings Street
Vancouver, B.C.

1. Lady-Ermelina File # 87-0160, pp. 1 - 20, incl.
   (Soil & Rock Samples)

2. Lady-Ermelina File # 87-0524, pp. 1 - 7, incl.
   (Soil Samples)

3. Lady-Ermelina File # 87-0532, p. 1.
   (Rock Samples)

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-18 SOILS P19-20 ROCKS AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JAN 26 1987 DATE REPORT MAILED: Feb 3/87 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

ASHWORTH EXPLORATION PROJECT - LADY-ERMELINA FILE # 87-0160 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
LE-87 19N 5+00W	1	19	6	45	.1	13	6	202	3.99	2	5	ND	1	8	1	2	2	114	.13	.023	4	29	.52	75	.22	2	1.78	.02	.04	2	1
LE-87 19N 4+50W	1	32	7	51	.1	19	10	298	4.50	3	5	ND	1	12	1	2	3	123	.22	.029	4	29	.71	137	.24	2	2.85	.02	.06	2	1
LE-87 19N 4+00W	1	15	12	51	.2	9	7	232	3.85	2	5	ND	1	8	1	2	2	115	.13	.024	4	20	.28	90	.19	2	1.45	.01	.03	1	1
LE-87 19N 3+50W	1	46	12	60	.1	19	14	334	4.24	3	5	ND	1	13	1	2	2	111	.27	.038	6	28	.79	131	.21	2	3.20	.02	.08	1	1
LE-87 19N 3+00W	1	39	9	61	.1	18	13	764	3.75	5	5	ND	1	14	1	2	2	100	.30	.051	5	28	.61	142	.18	2	2.61	.02	.06	1	1
LE-87 19N 2+50W	1	32	5	41	.1	10	8	225	3.83	2	5	ND	1	8	1	2	2	106	.17	.027	5	24	.28	84	.17	2	2.26	.01	.03	3	1
LE-87 19N 2+00W	1	37	8	43	.1	14	9	226	3.54	2	5	ND	1	10	1	2	2	95	.21	.027	5	25	.43	93	.18	2	2.09	.02	.04	1	1
LE-87 19N 1+50W	1	59	12	58	.1	16	12	342	4.28	3	5	ND	2	15	1	2	2	119	.30	.041	5	31	.86	156	.22	2	4.03	.02	.06	1	1
LE-87 19N 1+00W	1	20	10	35	.1	5	3	142	3.25	2	5	ND	1	7	1	2	2	87	.13	.128	3	21	.12	33	.09	2	1.92	.01	.01	1	1
LE-87 19N 0+50W	1	45	6	36	.1	12	8	304	2.96	3	5	ND	1	10	1	2	2	90	.19	.053	4	24	.30	57	.13	2	1.93	.02	.03	3	1
LE-87 19N 0+00W	1	46	2	33	.2	8	8	216	2.90	3	5	ND	1	16	1	2	2	89	.31	.080	6	20	.30	77	.12	2	2.13	.03	.04	2	1
LE-87 19N 0+50E	2	77	10	51	.2	15	10	191	4.97	4	5	ND	2	11	1	2	2	136	.18	.075	5	31	.42	77	.21	2	3.86	.02	.03	3	1
LE-87 19N 1+00E	1	41	9	47	.1	13	11	310	3.93	2	5	ND	1	11	1	2	2	109	.18	.038	4	30	.55	91	.20	2	2.73	.02	.05	2	1
LE-87 19N 1+50E	1	22	9	27	.2	9	5	123	4.33	2	5	ND	1	7	1	2	2	152	.13	.021	3	23	.23	38	.22	2	1.99	.01	.02	1	1
LE-87 19N 2+00E	1	40	4	47	.2	29	16	726	3.59	4	5	ND	1	18	1	2	2	94	.36	.049	5	35	.70	147	.13	2	2.04	.03	.05	1	2
LE-87 19N 2+50E	1	29	9	42	.1	9	5	133	3.20	3	5	ND	1	11	1	2	2	108	.22	.019	4	21	.16	60	.17	2	2.01	.02	.02	1	1
LE-87 19N 3+00E	1	43	11	33	.1	13	9	345	2.60	5	5	ND	1	22	1	2	2	78	.52	.067	6	25	.38	108	.10	7	1.28	.03	.03	1	1
LE-87 19N 3+50E	1	88	12	39	.1	12	9	141	4.20	2	5	ND	2	11	1	2	2	111	.20	.175	6	30	.26	54	.14	2	4.37	.02	.02	4	1
LE-87 19N 4+00E	1	70	8	32	.1	7	7	127	3.71	3	5	ND	1	8	1	2	2	105	.15	.191	5	29	.21	46	.14	2	3.63	.02	.02	2	2
LE-87 19N 4+50E	1	108	13	44	.1	23	21	543	3.11	6	5	ND	1	20	1	2	2	88	.43	.067	7	32	.55	150	.15	2	2.42	.03	.06	1	1
LE-87 19N 5+00E	1	44	9	31	.1	12	9	181	3.57	3	5	ND	1	10	1	2	2	111	.21	.022	5	27	.32	84	.16	2	1.36	.02	.03	2	1
LE-87 16N 4+50W	1	26	27	88	.1	10	20	2584	2.58	3	5	ND	1	22	1	2	2	56	.37	.070	5	12	.63	299	.11	2	1.52	.01	.11	1	1
LE-87 16N 4+00W	1	23	8	57	.1	11	9	1056	3.16	2	5	ND	1	10	1	2	2	79	.22	.078	4	16	.43	182	.13	6	1.50	.01	.06	1	1
LE-87 16N 3+50W	1	61	12	62	.1	19	11	544	3.61	5	5	ND	2	15	1	2	2	88	.27	.106	5	29	.50	154	.16	4	4.15	.03	.07	1	1
LE-87 16N 3+00W	1	69	10	38	.1	20	9	267	3.14	2	5	ND	1	11	1	2	2	92	.23	.037	4	26	.50	123	.18	2	2.98	.02	.04	2	1
LE-87 16N 2+50W	1	41	6	41	.1	9	5	163	2.26	2	5	ND	1	9	1	2	2	77	.22	.033	3	14	.25	73	.12	2	1.33	.02	.02	1	1
LE-87 16N 2+00W	1	30	7	32	.1	9	6	151	2.88	2	5	ND	1	10	1	2	2	88	.19	.034	3	21	.23	69	.13	2	1.72	.02	.02	1	1
LE-87 16N 1+50W	1	13	7	20	.1	2	3	90	2.80	2	5	ND	1	6	1	2	2	94	.10	.038	3	17	.08	27	.12	2	1.38	.01	.02	1	1
LE-87 16N 1+00W	1	27	11	36	.1	9	5	176	3.02	2	5	ND	1	10	1	2	2	98	.17	.070	3	21	.18	51	.13	2	1.64	.02	.02	1	2
LE-87 16N 0+50W	3	143	12	48	.2	31	15	254	4.02	2	5	ND	2	15	1	2	2	110	.21	.059	10	36	.55	198	.20	8	5.23	.03	.07	2	7
LE-87 16N 0+00W	2	58	14	66	.1	69	27	731	4.64	4	5	ND	1	23	1	2	2	107	.38	.052	7	71	1.19	150	.16	2	3.09	.03	.06	2	1
LE-87 16N 0+50E	1	65	4	31	.1	10	8	163	2.40	2	5	ND	1	13	1	2	2	81	.27	.045	4	26	.23	39	.14	3	1.94	.02	.02	1	1
LE-87 16N 1+00E	1	150	9	39	.1	10	11	248	3.64	3	5	ND	1	14	1	2	2	92	.28	.172	5	27	.29	61	.11	2	2.77	.02	.03	1	4
LE-87 16N 1+50E	1	111	19	64	.1	50	18	486	5.21	3	5	ND	1	16	1	2	2	138	.30	.095	6	101	.82	92	.27	2	3.49	.04	.06	1	1
LE-87 16N 2+00E	1	171	10	47	.1	12	10	275	3.66	2	5	ND	1	15	1	2	2	90	.31	.156	5	23	.23	62	.12	3	2.68	.02	.02	2	2
LE-87 16N 2+50E	1	43	7	35	.1	12	6	161	3.40	4	5	ND	1	12	1	2	2	122	.26	.068	3	23	.25	40	.18	4	.99	.02	.02	1	5
STD C/AU-S	20	60	39	133	7.0	66	29	1012	3.96	37	19	8	34	50	16	15	20	64	.48	.096	36	58	.88	186	.09	37	1.71	.07	.16	14	49

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
LE-87 16N 3+00E	1	55	5	55	.1	76	22	368	4.05	6	5	ND	1	17	1	2	2	104	.34	.048	5	115	1.07	95	.28	4	2.87	.04	.05	2	4
LE-87 16N 3+50E	1	75	6	50	.3	57	19	302	4.08	3	5	ND	2	16	1	2	2	103	.32	.037	5	77	.85	84	.25	2	2.43	.03	.06	2	3
LE-87 16N 4+00E	1	56	2	43	.1	43	15	354	4.06	5	5	ND	1	14	1	2	3	116	.31	.029	5	68	.68	100	.24	2	2.12	.03	.05	2	1
LE-87 16N 4+50E	1	33	5	47	.1	42	13	351	4.07	5	5	ND	1	15	1	2	3	109	.28	.034	4	167	.54	106	.22	2	1.39	.03	.04	2	2
LE-87 16N 5+00E	1	61	11	78	.1	51	15	356	3.30	5	5	ND	1	21	1	2	2	87	.49	.065	5	81	.93	107	.17	2	1.91	.04	.07	1	6
LE-87 13N 5+00W	1	15	2	45	.1	8	7	279	2.86	2	5	ND	1	9	1	2	3	78	.15	.029	5	14	.68	318	.23	6	1.36	.01	.16	1	1
LE-87 13N 4+50W	1	28	3	36	.1	14	10	714	3.38	2	5	ND	1	11	1	2	2	93	.25	.033	4	19	.50	122	.16	2	1.93	.02	.05	1	1
LE-87 13N 4+00W	1	84	5	58	.2	18	14	784	3.56	2	5	ND	1	22	1	2	4	89	.40	.116	4	23	.42	158	.13	6	2.72	.02	.04	1	4
LE-87 13N 3+50W	1	101	7	53	.1	11	16	503	4.92	3	5	ND	1	17	1	2	2	147	.45	.080	4	13	.32	138	.15	3	2.26	.02	.04	1	7
LE-87 13N 3+00W	1	88	6	47	.2	10	12	325	4.93	5	5	ND	1	17	1	2	2	178	.44	.054	4	14	.24	93	.16	4	1.84	.02	.04	2	1
LE-87 13N 2+50W	1	103	3	33	.1	5	10	173	3.37	2	5	ND	1	10	1	2	2	100	.19	.027	3	14	.14	42	.14	3	.98	.01	.03	1	11
LE-87 13N 2+00W	1	158	3	49	.1	10	11	215	4.37	2	5	ND	1	10	1	2	2	84	.23	.152	4	19	.21	44	.11	4	2.46	.02	.03	2	3
LE-87 13N 1+50W	1	104	4	37	.1	11	8	144	4.19	4	5	ND	1	12	1	2	2	107	.24	.042	4	20	.25	55	.16	2	1.77	.02	.03	2	1
LE-87 13N 1+00W	1	55	5	74	.1	73	25	490	3.78	4	5	ND	1	22	1	2	2	94	.37	.063	8	72	1.25	145	.12	3	2.83	.03	.04	1	1
LE-87 13N 0+50W	1	152	2	52	.1	18	16	380	3.41	3	5	ND	1	23	1	2	2	90	.54	.098	8	29	.45	134	.13	4	2.03	.04	.05	2	2
LE-87 13N 0+00W	1	161	10	54	.2	17	40	994	3.54	4	5	ND	1	24	1	2	2	74	.41	.099	8	24	.31	103	.12	5	2.74	.03	.04	1	2
LE-87 13N 0+50E	1	125	7	51	.1	13	12	202	3.96	2	5	ND	1	9	1	2	4	97	.21	.073	5	24	.28	49	.15	4	2.09	.02	.03	2	6
LE-87 13N 1+00E	1	108	8	42	.1	5	8	133	4.54	2	5	ND	1	10	1	2	2	122	.24	.092	4	12	.14	41	.18	2	1.14	.02	.03	2	1
LE-87 13N 1+50E	1	111	5	43	.1	10	9	180	3.97	3	5	ND	1	9	1	2	2	122	.19	.073	3	23	.23	48	.13	2	2.17	.02	.02	1	5
LE-87 13N 2+00E	1	129	6	47	.1	21	14	191	4.21	4	5	ND	1	10	1	2	2	126	.22	.084	7	38	.53	57	.22	2	2.96	.02	.04	2	1
LE-87 13N 2+50E	1	66	4	31	.1	10	8	122	3.97	3	5	ND	1	8	1	2	2	142	.18	.035	5	34	.23	30	.24	2	1.73	.02	.02	1	2
LE-87 13N 3+00E	1	60	5	44	.2	17	9	135	3.87	5	5	ND	1	9	1	2	2	114	.19	.064	4	35	.39	48	.20	6	2.27	.02	.03	1	1
LE-87 13N 3+50E	1	51	6	39	.1	15	9	162	3.64	4	5	ND	1	10	1	2	2	115	.23	.039	4	35	.33	52	.19	3	2.09	.02	.03	2	1
LE-87 13N 4+00E	1	75	2	43	.1	46	15	213	3.83	4	5	ND	1	14	1	2	2	116	.31	.033	5	62	.64	82	.21	6	2.33	.03	.05	1	1
LE-87 13N 4+50E	1	51	10	42	.1	52	15	173	4.84	2	5	ND	1	11	1	2	2	151	.22	.026	4	110	.71	52	.25	7	2.28	.03	.03	1	1
LE-87 13N 5+00E	1	41	4	38	.1	73	17	191	4.40	3	5	ND	1	18	1	2	2	130	.35	.015	3	165	1.13	69	.22	2	1.79	.04	.04	1	4
LE-87 10N 5+00W	1	41	8	26	.1	8	6	185	3.52	2	5	ND	1	12	1	2	2	118	.20	.023	4	16	.18	39	.14	2	1.31	.01	.03	1	5
LE-87 10N 4+50W	1	40	4	34	.1	9	8	163	3.65	2	5	ND	1	28	1	2	2	107	.46	.025	4	17	.29	66	.17	5	1.81	.02	.03	1	1
LE-87 10N 4+00W	1	182	7	55	.1	8	12	185	4.83	3	5	ND	1	12	1	2	2	114	.22	.094	5	18	.35	61	.18	5	2.53	.02	.04	1	7
LE-87 10N 3+50W	3	212	8	62	.1	3	16	233	6.36	3	5	ND	1	10	1	2	2	98	.21	.085	4	16	.19	46	.19	4	1.59	.02	.04	1	1
LE-87 10N 3+00W	1	214	6	49	.1	12	17	240	4.40	3	5	ND	1	14	1	2	2	116	.32	.042	6	22	.37	64	.16	2	2.36	.03	.04	2	35
LE-87 10N 2+50W	1	176	9	49	.1	10	26	537	3.68	2	5	ND	1	19	1	2	2	98	.41	.055	8	18	.30	93	.14	2	2.24	.03	.04	1	1
LE-87 10N 2+00W	1	103	11	41	.1	9	8	135	4.65	6	5	ND	2	10	1	2	2	107	.18	.080	9	26	.22	47	.17	5	4.27	.02	.02	2	3
LE-87 10N 1+50W	1	229	9	51	.1	30	19	370	3.90	3	5	ND	1	23	1	2	2	99	.54	.113	8	54	.63	143	.15	2	2.40	.04	.08	2	14
LE-87 10N 1+00W	1	247	8	69	.2	45	22	460	4.74	4	5	ND	1	17	1	2	4	105	.29	.124	5	104	.61	95	.14	4	2.07	.02	.04	1	5
LE-87 10N 0+50W	1	277	8	55	.1	44	22	265	5.62	2	5	ND	1	12	1	2	2	142	.25	.061	6	99	.51	57	.19	2	2.71	.02	.04	2	4
STD C/AU-S	20	61	41	132	6.9	66	29	1008	3.96	40	15	8	33	49	17	16	20	63	.48	.102	36	56	.88	186	.09	37	1.71	.07	.16	13	50

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
LE-87 10N 0+00W	1	164	4	58	.2	127	27	319	5.82	5	5	ND	1	19	1	2	2	140	.39	.050	7	244	1.40	60	.18	6	2.75	.02	.05	1	3
LE-87 10N 0+50E	1	63	8	47	.1	106	22	393	4.38	2	5	ND	1	17	1	2	2	106	.38	.044	4	253	1.53	74	.13	2	1.75	.03	.04	1	1
LE-87 10N 1+00E	1	64	7	50	.2	91	20	310	3.70	2	5	ND	1	21	1	2	2	94	.52	.052	5	217	1.40	74	.14	8	1.90	.04	.04	1	1
LE-87 10N 1+50E	1	72	7	48	.2	56	22	603	3.93	2	5	ND	1	21	1	2	2	128	.48	.037	8	85	.93	99	.17	10	2.90	.04	.03	1	1
LE-87 10N 2+00E	1	89	11	39	.1	17	11	221	3.71	4	5	ND	1	12	1	2	2	109	.30	.053	6	39	.45	84	.17	3	2.67	.03	.03	1	5
LE-87 10N 2+50E	1	58	7	43	.1	35	13	670	3.05	2	5	ND	1	29	1	2	3	82	.68	.051	7	45	.40	89	.13	2	2.61	.03	.03	1	1
LE-87 10N 3+00E	1	48	4	43	.1	17	10	215	3.81	3	5	ND	1	13	1	2	2	111	.27	.065	4	36	.42	92	.16	8	2.33	.02	.04	1	1
LE-87 10N 3+50E	1	85	7	41	.1	24	12	238	3.61	4	5	ND	1	12	1	2	2	109	.26	.058	8	37	.57	103	.21	4	3.17	.03	.07	1	1
LE-87 10N 4+00E	1	31	10	36	.1	15	7	261	3.14	2	5	ND	1	12	1	2	2	100	.30	.053	4	33	.36	72	.18	2	1.32	.02	.03	1	1
LE-87 10N 4+50E	1	83	8	39	.1	23	11	193	3.89	4	5	ND	1	12	1	2	2	109	.27	.079	6	48	.49	68	.19	5	2.76	.03	.04	1	1
LE-87 10N 5+00E	1	46	8	39	.1	33	12	272	3.19	3	5	ND	1	16	1	2	2	106	.38	.029	4	73	.67	106	.20	5	1.52	.04	.05	2	2
LE-87 7N 6+50W	1	15	3	73	.1	8	8	262	3.67	2	5	ND	3	18	1	2	2	81	.20	.118	6	15	.43	55	.10	2	2.39	.01	.06	1	1
LE-87 7N 6+25W	1	22	3	61	.2	25	13	534	3.55	2	5	ND	3	26	1	2	2	85	.23	.113	7	18	.74	132	.11	2	4.25	.02	.05	1	1
LE-87 7N 6+00W	1	11	4	43	.1	8	6	217	3.27	3	5	ND	2	20	1	2	2	75	.19	.075	5	15	.26	39	.06	4	1.86	.01	.03	1	1
LE-87 7N 5+75W	1	14	5	43	.2	27	8	359	3.08	2	5	ND	2	29	1	2	2	74	.27	.116	5	26	.63	67	.08	2	2.11	.01	.04	1	1
LE-87 7N 5+50W	1	14	6	51	.1	18	9	268	3.03	3	5	ND	1	21	1	2	2	67	.23	.114	6	16	.55	80	.09	2	2.29	.01	.05	1	1
LE-87 7N 5+25W	1	16	4	39	.1	23	8	285	3.28	2	5	ND	2	30	1	2	2	76	.30	.114	6	21	.77	80	.08	8	2.30	.01	.04	1	1
LE-87 7N 5+00W	1	28	8	57	.1	8	9	383	3.86	3	5	ND	3	16	1	2	2	83	.19	.201	6	14	.57	69	.11	3	3.37	.01	.05	1	1
LE-87 7N 4+75W	1	14	4	45	.2	3	5	221	3.38	2	5	ND	2	13	1	2	2	77	.19	.111	5	11	.31	39	.10	2	2.18	.01	.04	1	1
LE-87 7N 4+50W	1	25	4	49	.2	6	8	307	4.14	3	5	ND	3	12	1	2	2	94	.17	.090	5	15	.50	59	.14	2	3.19	.01	.04	1	1
LE-87 7N 4+25W	1	10	10	58	.1	4	7	380	3.31	2	5	ND	3	23	1	2	2	75	.24	.075	6	10	.57	49	.12	2	2.02	.01	.03	1	2
LE-87 7N 4+00W	3	31	12	46	.1	8	7	226	4.06	3	5	ND	4	14	1	2	2	90	.18	.101	6	17	.48	48	.14	7	3.88	.01	.04	2	1
LE-87 7N 3+75W	1	9	7	48	.1	8	8	368	2.56	2	5	ND	2	35	1	2	2	59	.27	.042	6	24	.37	76	.11	2	1.59	.01	.03	1	1
LE-87 7N 3+50W	1	29	3	46	.1	7	8	278	4.19	2	5	ND	2	12	1	2	2	100	.18	.076	6	14	.48	72	.13	2	2.02	.01	.05	1	1
LE-87 7N 3+25W	1	29	2	48	.2	8	8	283	3.04	3	5	ND	3	12	1	2	2	64	.21	.071	6	14	.57	60	.14	2	2.18	.01	.04	1	1
LE-87 7N 3+00W	1	20	6	80	.2	7	8	593	3.29	2	5	ND	3	17	1	2	2	65	.22	.093	5	12	.44	69	.12	2	2.36	.01	.05	1	1
LE-87 7N 2+75W	1	2	6	28	.1	2	4	224	1.71	2	5	ND	1	31	1	2	2	44	.22	.025	5	7	.31	50	.10	4	1.07	.01	.04	1	1
LE-87 7N 2+50W	1	18	2	54	.1	57	15	921	3.34	2	5	ND	2	22	1	2	2	83	.29	.039	5	89	1.35	57	.17	3	2.11	.02	.04	1	2
LE-87 7N 2+25W	2	11	5	28	.1	8	7	202	2.99	2	5	ND	1	13	1	2	2	76	.21	.017	5	17	.51	43	.17	4	1.39	.01	.03	1	1
LE-87 7N 2+00W	1	15	11	38	.1	7	7	378	3.25	2	13	ND	1	58	1	2	2	84	.70	.035	15	22	.50	69	.13	2	2.18	.01	.04	1	1
LE-87 7N 1+50W	1	15	6	40	.1	6	8	519	3.19	3	5	ND	1	17	1	2	2	75	.31	.039	5	11	.57	70	.17	5	1.50	.01	.05	1	1
LE-87 7N 1+00W	2	20	3	52	.1	7	9	325	3.53	4	5	ND	3	14	1	2	2	77	.27	.185	6	14	.51	82	.16	4	2.01	.01	.05	1	1
LE-87 7N 0+50W	3	18	8	40	.3	7	7	273	3.14	2	5	ND	1	16	1	2	2	80	.24	.053	4	14	.47	83	.14	2	1.87	.01	.03	1	1
LE-87 7N 0+00W	13	42	6	36	.1	15	9	231	3.56	4	5	ND	1	15	1	2	2	94	.27	.040	12	21	.53	144	.18	2	2.75	.02	.07	1	1
LE-87 7N 0+50E	3	28	6	43	.2	12	11	1131	3.39	2	5	ND	2	18	1	2	2	85	.33	.064	6	17	.46	183	.16	2	1.92	.02	.06	1	2
LE-87 7N 1+00E	1	27	9	58	.1	12	9	591	3.25	2	5	ND	1	12	1	2	2	74	.26	.170	5	17	.37	163	.13	2	2.38	.02	.05	1	1
STD C/AU-S	19	59	42	132	6.9	64	29	998	3.95	39	18	7	32	48	16	16	20	63	.48	.100	36	58	.88	182	.09	38	1.71	.07	.15	13	54

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
LE-87 7N 1+50E	15	23	10	47	.1	7	9	425	3.46	2	9	ND	3	18	1	2	2	80	.27	.031	9	18	.29	80	.18	2	1.75	.02	.04	2	1
LE-87 7N 2+00E	8	11	3	31	.2	4	6	207	2.93	2	5	ND	2	11	1	2	2	94	.18	.014	4	16	.20	46	.16	2	.88	.01	.04	1	1
LE-87 7N 2+50E	7	37	9	42	.2	9	9	343	3.27	2	5	ND	1	20	1	2	2	85	.37	.039	6	19	.27	67	.13	2	2.40	.02	.04	2	2
LE-87 7N 3+00E	8	29	5	33	.1	7	8	205	3.55	3	5	ND	1	14	1	2	2	119	.24	.019	3	25	.20	44	.19	2	.92	.02	.02	1	2
LE-87 7N 3+50E	2	65	3	30	.1	6	7	139	3.22	2	5	ND	1	12	1	2	2	102	.23	.025	4	22	.25	36	.16	3	1.56	.02	.03	1	1
LE-87 7N 4+00E	3	116	10	57	.2	9	15	364	4.94	3	5	ND	1	25	1	2	2	184	.31	.052	3	31	.36	45	.28	4	1.30	.02	.03	1	1
LE-87 7N 4+50E	2	58	7	55	.2	49	16	472	3.82	5	5	ND	1	24	1	2	2	88	.44	.039	6	65	.98	129	.13	2	2.09	.03	.03	1	1
LE-87 7N 5+00E	1	207	6	98	.2	239	39	435	5.20	2	5	ND	1	34	1	2	2	88	.55	.081	9	349	3.05	106	.09	4	2.86	.03	.07	1	4
LE-87 7N 5+50E	1	144	12	89	.1	310	51	387	8.15	4	5	ND	1	13	1	2	2	130	.21	.039	4	642	4.12	38	.13	2	2.89	.02	.04	1	1
LE-87 7N 6+00E	1	394	11	126	.2	200	49	281	6.78	2	5	ND	2	12	1	2	2	116	.25	.063	4	300	2.12	62	.17	2	3.25	.02	.05	1	1
LE-87 7N 6+50E	1	256	10	116	.3	379	63	603	7.04	3	5	ND	2	16	1	2	2	107	.28	.076	4	472	3.16	50	.11	2	3.54	.02	.04	1	1
LE-87 7N 7+00E	1	183	7	74	.2	38	17	299	4.37	2	5	ND	2	10	1	2	2	102	.28	.096	4	113	.49	65	.13	2	1.78	.03	.05	1	2
LE-87 7N 7+50E	1	280	14	94	.3	117	94	1542	4.36	2	5	ND	1	49	1	2	2	60	.56	.395	10	129	.52	139	.08	7	5.83	.02	.04	1	3
LE-87 7N 8+00E	1	163	8	101	.1	341	67	558	6.50	3	5	ND	1	19	1	2	2	128	.27	.099	4	311	2.26	92	.17	7	3.20	.03	.04	1	1
LE-87 7N 8+50E	2	117	8	48	.1	21	11	166	4.94	2	5	ND	1	12	1	2	2	147	.24	.051	3	48	.34	55	.21	2	1.55	.02	.03	1	1
LE-87 6N 7+00W	1	15	5	56	.1	11	8	284	3.50	3	5	ND	3	39	1	2	2	83	.32	.107	5	25	.42	105	.06	4	2.70	.01	.04	1	3
LE-87 6N 6+75W	1	19	4	60	.1	9	9	577	3.41	3	5	ND	3	18	1	2	2	79	.21	.095	7	15	.49	85	.10	2	2.37	.01	.06	1	2
LE-87 6N 6+50W	1	11	5	56	.1	4	5	1049	3.26	2	5	ND	1	33	1	2	2	72	.24	.124	5	17	.12	76	.04	2	1.53	.01	.04	1	1
LE-87 6N 6+25W	1	11	5	55	.2	8	8	565	3.66	2	5	ND	3	25	1	2	2	84	.25	.096	7	13	.31	115	.05	2	2.31	.01	.05	1	1
LE-87 6N 6+00W	1	22	10	64	.1	14	13	824	4.15	3	5	ND	2	45	1	2	2	105	.39	.167	6	24	.77	374	.09	5	3.71	.02	.05	1	1
LE-87 6N 5+75W	1	5	5	36	.1	5	5	500	2.85	2	5	ND	1	32	1	2	2	71	.29	.048	4	13	.24	66	.06	2	1.14	.01	.03	1	1
LE-87 6N 5+50W	1	11	8	41	.2	6	6	213	2.74	2	5	ND	1	33	1	2	2	73	.29	.056	4	14	.31	69	.07	3	1.21	.01	.03	1	1
LE-87 6N 5+25W	1	30	7	50	.2	15	14	383	4.64	4	5	ND	4	31	1	2	2	116	.29	.072	7	30	.84	173	.15	7	3.39	.02	.07	1	3
LE-87 6N 5+00W	1	12	8	41	.1	3	6	352	2.59	2	5	ND	1	32	1	2	2	65	.47	.041	4	12	.28	68	.08	2	1.06	.01	.07	1	1
LE-87 6N 4+75W	1	17	4	42	.1	9	9	241	4.49	3	5	ND	3	13	1	2	2	111	.18	.044	5	16	.49	61	.15	2	2.43	.01	.04	1	2
LE-87 6N 4+50W	1	32	5	37	.1	10	8	234	3.71	2	5	ND	4	13	1	2	2	83	.18	.052	6	14	.45	56	.12	3	2.69	.01	.04	1	1
LE-87 6N 4+25W	1	9	7	37	.1	5	6	378	2.67	2	5	ND	1	16	1	2	3	60	.18	.046	4	10	.35	63	.08	2	1.53	.01	.03	1	1
LE-87 6N 4+00W	1	12	7	24	.2	2	3	282	2.15	2	5	ND	1	16	1	2	2	49	.25	.024	5	7	.18	53	.06	2	.62	.01	.04	1	4
LE-87 6N 3+75W	1	16	8	32	.1	6	5	364	2.49	4	5	ND	1	16	1	2	4	63	.19	.057	5	11	.35	55	.08	2	1.63	.01	.03	1	1
LE-87 6N 3+50W	1	5	5	17	.1	1	2	161	2.05	3	5	ND	2	15	1	2	2	45	.17	.011	5	6	.12	29	.07	3	.45	.01	.03	1	1
LE-87 6N 3+25W	1	9	4	31	.2	7	4	220	2.43	2	5	ND	1	17	1	2	2	61	.21	.027	5	11	.29	45	.11	5	1.07	.01	.03	1	1
LE-87 6N 3+00W	1	2	7	28	.1	3	3	165	2.16	2	5	ND	2	19	1	2	2	52	.20	.024	4	8	.23	34	.10	2	1.02	.01	.02	1	1
LE-87 6N 2+75W	1	23	2	59	.1	10	9	414	3.78	2	5	ND	3	18	1	2	2	84	.21	.063	5	15	.54	74	.15	2	2.78	.01	.05	1	5
LE-87 6N 2+50W	2	13	7	35	.2	7	6	479	2.70	2	5	ND	2	15	1	2	2	61	.22	.053	5	9	.39	57	.11	7	1.88	.01	.04	1	1
LE-87 6N 2+25W	2	20	6	38	.1	8	8	363	3.51	3	5	ND	2	12	1	2	2	78	.19	.055	5	13	.52	55	.15	6	2.29	.01	.04	1	3
LE-87 6N 2+00W	1	19	7	62	.1	10	7	412	3.36	3	5	ND	3	16	1	2	2	75	.24	.133	5	14	.44	83	.11	5	1.84	.01	.04	1	4
STD C/AU-S	19	61	38	131	6.9	65	29	1002	3.95	36	19	8	33	49	17	16	20	63	.48	.099	36	58	.88	183	.08	36	1.72	.07	.16	14	54

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
LE-87 6N 1+50W	1	29	12	47	.1	11	11	368	4.81	3	5	ND	2	20	1	2	5	112	.26	.048	5	20	.68	98	.17	2	3.13	.01	.06	3	2
LE-87 6N 1+00W	1	14	4	38	.1	7	6	404	2.60	2	5	ND	1	16	1	2	4	67	.21	.028	5	13	.31	104	.12	3	1.47	.02	.04	1	2
LE-87 6N 0+50W	1	40	12	42	.2	12	13	823	3.01	2	5	ND	3	37	1	2	3	72	.61	.079	42	19	.42	152	.12	2	4.84	.03	.06	3	1
LE-87 6N 0+00W	8	15	5	34	.1	9	7	277	3.57	2	5	ND	2	19	1	2	2	101	.31	.030	7	13	.42	84	.18	2	1.55	.01	.05	2	1
LE-87 6N 0+50E	5	65	9	49	.2	13	14	1534	3.19	4	14	ND	3	39	1	2	4	64	.70	.071	125	25	.47	121	.13	6	5.32	.03	.06	1	2
LE-87 6N 1+00E	10	29	8	48	.1	10	8	713	2.77	2	5	ND	1	27	1	2	3	70	.55	.044	10	15	.46	116	.12	2	1.84	.02	.05	2	1
LE-87 6N 1+50E	18	28	5	32	.1	7	7	233	3.70	2	5	ND	1	11	1	2	4	109	.22	.023	5	19	.30	71	.19	3	1.79	.02	.03	2	1
LE-87 6N 2+00E	3	22	5	45	.2	10	8	396	2.79	2	5	ND	1	13	1	2	3	70	.27	.101	4	15	.31	85	.11	2	1.70	.02	.03	2	1
LE-87 6N 2+50E	10	20	4	29	.1	6	5	230	2.74	2	5	ND	1	10	1	2	2	78	.16	.014	4	15	.27	66	.15	2	1.33	.02	.03	1	1
LE-87 6N 3+00E	6	114	7	83	.2	17	20	395	3.88	2	5	ND	1	26	1	2	3	89	.42	.073	5	23	.37	85	.15	4	3.41	.02	.04	1	1
LE-87 6N 3+50E	12	60	8	38	.1	9	8	195	2.81	2	5	ND	1	18	1	2	2	88	.32	.037	4	17	.26	65	.15	2	2.05	.02	.03	2	1
LE-87 6N 4+00E	8	88	11	45	.2	19	15	489	3.89	2	5	ND	3	27	1	2	5	91	.47	.052	11	41	.73	122	.16	2	3.18	.03	.08	2	1
LE-87 6N 4+50E	1	198	5	49	.1	12	13	191	4.34	3	5	ND	1	12	1	2	2	100	.25	.058	5	21	.24	63	.15	4	2.76	.03	.03	2	1
LE-87 6N 5+00E	1	291	13	87	.3	10	24	406	4.80	3	5	ND	1	14	1	2	2	90	.27	.191	6	28	.27	72	.12	5	1.80	.02	.04	1	1
LE-87 5N 7+50W	1	64	4	144	.3	18	17	457	5.22	6	5	ND	3	21	1	2	2	111	.29	.164	8	19	.73	130	.16	5	3.68	.02	.07	1	3
LE-87 5N 7+00W	1	13	2	52	.1	7	7	233	4.18	4	5	ND	2	14	1	2	2	100	.20	.035	6	15	.41	57	.12	2	1.86	.01	.04	1	1
LE-87 5N 6+50W	3	41	12	68	.2	16	15	1021	4.01	20	5	ND	1	33	1	2	3	104	.53	.040	20	20	.53	215	.07	3	2.78	.02	.06	1	1
LE-87 5N 6+00W	1	74	10	131	.1	21	26	1044	4.86	6	5	ND	2	19	1	2	4	93	.29	.163	7	19	.54	178	.14	7	2.86	.01	.05	1	2
LE-87 5N 5+75W	3	296	17	143	.2	50	58	974	8.07	13	5	ND	3	28	1	2	5	124	.41	.321	9	23	.71	181	.17	2	4.66	.02	.06	1	1
LE-87 5N 5+50W	5	139	15	160	.1	42	36	478	7.50	15	5	ND	2	20	1	2	2	159	.28	.055	16	31	.66	136	.27	2	3.89	.02	.05	1	1
LE-87 5N 5+25W	4	70	19	154	.1	26	34	1290	8.29	11	5	ND	1	34	1	2	2	166	.50	.079	8	25	.63	136	.39	10	2.51	.02	.05	1	1
LE-87 5N 5+00W	1	40	12	184	.1	22	25	1326	4.49	3	5	ND	2	29	1	2	2	97	.36	.045	8	19	.60	183	.14	7	2.79	.02	.06	1	1
LE-87 5N 4+75W	1	22	2	65	.1	7	8	320	2.95	2	5	ND	2	15	1	2	2	67	.23	.061	6	13	.37	71	.08	4	1.61	.01	.03	1	1
LE-87 5N 4+50W	1	25	7	169	.1	10	11	774	3.58	2	5	ND	2	15	1	2	3	74	.23	.097	5	14	.41	90	.11	2	1.74	.01	.04	1	1
LE-87 5N 4+25W	1	38	11	160	.2	12	9	252	4.35	6	5	ND	2	15	1	2	2	101	.19	.047	7	16	.39	69	.12	4	2.37	.01	.05	1	2
LE-87 5N 4+00W	1	34	13	185	.1	13	14	1052	4.15	2	5	ND	1	24	1	2	3	92	.34	.055	7	17	.45	196	.11	5	2.28	.01	.05	1	1
LE-87 5N 3+75W	1	33	14	138	.1	10	12	684	4.03	5	5	ND	1	25	1	2	2	85	.34	.069	5	16	.41	132	.10	6	2.03	.01	.05	1	1
LE-87 5N 3+50W	1	300	16	382	.3	27	29	897	5.44	2	5	ND	4	21	1	2	2	115	.26	.107	10	24	1.23	109	.17	8	4.78	.02	.08	1	1
LE-87 5N 3+25W	1	76	14	93	.1	14	15	665	4.40	4	5	ND	2	24	1	2	2	74	.43	.102	8	14	.70	86	.09	5	1.92	.02	.06	1	1
LE-87 5N 3+00W	1	70	12	114	.2	21	16	869	4.62	6	5	ND	2	20	1	2	2	97	.26	.144	6	20	.73	131	.14	2	3.78	.01	.06	1	1
LE-87 5N 2+75W	1	52	9	80	.1	14	14	430	4.11	4	5	ND	1	21	1	2	2	94	.29	.061	6	20	.69	93	.16	3	2.62	.01	.04	1	1
LE-87 5N 2+50W	1	28	5	83	.1	20	15	543	3.45	2	5	ND	1	27	1	2	2	79	.41	.047	6	32	.53	120	.14	8	2.21	.02	.04	1	1
LE-87 5N 2+25W	2	14	6	53	.1	9	10	738	3.06	2	5	ND	1	37	1	2	3	77	.32	.027	5	14	.51	124	.12	2	1.78	.01	.03	1	1
LE-87 5N 2+00W	1	8	9	53	.1	7	7	285	3.13	2	5	ND	1	18	1	2	2	72	.27	.030	6	12	.34	99	.10	3	1.63	.01	.04	1	1
LE-87 5N 1+75W	1	9	10	38	.1	5	6	241	2.60	2	5	ND	1	13	1	2	2	64	.20	.022	5	12	.29	62	.10	2	1.18	.01	.03	1	4
LE-87 5N 1+50W	1	17	9	56	.1	11	9	331	3.41	2	5	ND	1	17	1	2	2	80	.24	.057	6	14	.48	97	.12	3	2.06	.01	.05	1	1
STD C/AU-S	19	60	38	131	7.1	68	29	995	3.96	39	16	7	33	48	16	15	20	62	.48	.098	36	57	.88	182	.09	34	1.71	.07	.16	13	52

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
LE-87 5N 1+25W	1	11	2	32	.2	6	6	238	2.94	2	5	ND	1	12	1	2	2	88	.19	.020	5	14	.36	81	.16	3	1.50	.02	.03	1	1
LE-87 5N 1+00W	1	16	7	37	.1	8	7	270	3.47	3	5	ND	1	16	1	2	2	89	.22	.025	4	15	.38	98	.16	2	2.04	.02	.03	1	1
LE-87 5N 0+50W	1	15	2	46	.2	10	6	263	3.50	2	5	ND	1	14	1	2	2	93	.24	.033	4	16	.38	82	.16	4	1.78	.02	.04	1	4
LE-87 5N 0+00W	1	21	4	44	.2	11	7	341	3.46	2	5	ND	2	18	1	2	2	88	.26	.025	5	17	.42	88	.15	4	2.18	.02	.04	1	1
LE-87 5N 0+50E	5	29	2	47	.1	12	9	377	4.02	3	5	ND	2	16	1	2	2	109	.28	.030	10	20	.56	90	.20	2	2.51	.02	.05	1	1
LE-87 5N 1+00E	2	33	2	34	.1	10	9	379	3.37	2	5	ND	1	23	1	2	2	97	.43	.052	6	21	.36	93	.11	2	2.15	.03	.04	1	1
LE-87 5N 1+50E	13	32	2	31	.1	13	8	222	3.42	4	5	ND	1	13	1	2	2	92	.24	.020	5	18	.51	84	.17	5	1.73	.02	.03	1	1
LE-87 5N 2+00E	17	65	8	34	.2	10	9	161	3.83	2	5	ND	1	17	1	2	2	108	.39	.040	5	24	.24	49	.14	2	2.63	.03	.02	1	1
LE-87 5N 2+50E	21	13	2	17	.1	4	4	121	2.79	2	5	ND	1	10	1	2	2	110	.14	.012	4	12	.28	60	.15	2	1.13	.01	.02	1	1
LE-87 5N 3+00E	4	14	2	21	.1	3	3	122	2.53	2	5	ND	1	8	1	2	2	77	.16	.023	3	15	.07	31	.13	2	.93	.01	.01	1	2
LE-87 5N 3+50E	4	77	4	51	.1	32	17	636	3.79	3	5	ND	1	29	1	2	2	86	.55	.062	9	45	.81	155	.13	2	1.88	.02	.06	1	1
LE-87 5N 4+00E	1	192	2	37	.1	16	13	192	3.11	2	5	ND	1	14	1	2	2	81	.30	.031	8	25	.35	107	.14	2	2.11	.02	.03	1	1
LE-87 5N 4+50E	1	211	4	55	.3	11	16	280	3.83	3	5	ND	1	13	1	2	2	99	.27	.093	9	25	.28	63	.15	3	2.27	.02	.04	1	2
LE-87 5N 5+00E	1	674	4	66	.1	30	16	538	5.06	3	5	ND	2	13	1	2	2	120	.30	.066	7	35	.60	141	.23	8	4.23	.03	.09	1	6
LE-87 4N 8+00W	1	105	10	146	.2	25	44	1781	6.41	13	5	ND	2	15	1	2	2	121	.17	.167	6	23	.82	133	.14	2	4.26	.01	.05	1	1
LE-87 4N 7+50W	1	162	14	159	.4	22	33	1019	10.04	25	5	ND	2	19	1	2	2	86	.23	.117	23	14	.52	180	.03	5	2.49	.01	.06	1	1
LE-87 4N 7+00W	3	76	26	143	.1	12	34	2896	6.61	18	5	ND	1	23	1	2	2	106	.22	.149	3	16	.66	237	.11	8	3.37	.01	.07	1	1
LE-87 4N 6+50W	1	49	4	99	.1	18	14	368	4.77	6	5	ND	3	15	1	2	2	111	.21	.064	5	22	.75	88	.16	2	3.54	.01	.06	1	1
LE-87 4N 6+00W	1	8	7	52	.2	4	4	168	2.76	2	5	ND	1	13	1	2	2	68	.17	.017	5	12	.22	47	.09	2	.89	.01	.02	1	1
LE-87 4N 5+75W	1	14	12	56	.1	5	6	333	3.10	2	5	ND	1	15	1	2	2	76	.26	.038	4	12	.36	76	.08	2	1.25	.01	.04	1	1
LE-87 4N 5+50W	1	31	11	97	.1	11	10	786	4.27	2	5	ND	2	15	1	2	2	93	.22	.043	5	16	.45	203	.08	4	2.22	.01	.04	1	1
LE-87 4N 5+25W	2	57	7	94	.3	12	13	560	3.78	4	5	ND	3	25	1	2	3	81	.44	.064	13	16	.62	182	.11	3	2.39	.02	.07	1	1
LE-87 4N 5+00W	1	52	16	102	.1	14	13	831	3.97	7	5	ND	1	34	1	2	2	85	.64	.091	8	15	.61	243	.11	2	2.30	.02	.08	1	1
LE-87 4N 4+75W	1	17	12	79	.1	9	8	473	3.84	5	5	ND	1	27	1	2	2	97	.35	.040	6	17	.40	158	.13	2	1.62	.01	.04	1	1
LE-87 4N 4+50W	1	40	12	120	.1	17	15	594	5.26	5	5	ND	2	36	1	2	2	124	.53	.057	11	22	.53	205	.20	3	3.27	.02	.05	1	1
LE-87 4N 4+25W	1	59	10	120	.2	15	12	363	4.87	2	5	ND	2	21	1	2	2	96	.28	.072	7	21	.67	131	.14	2	3.04	.01	.07	1	8
LE-87 4N 4+00W	1	39	18	154	.2	11	16	3804	3.73	2	5	ND	1	35	1	2	2	65	.62	.212	7	14	.43	363	.07	2	2.21	.01	.05	1	1
LE-87 4N 3+75W	1	26	6	66	.1	12	10	322	4.35	3	5	ND	2	15	1	2	2	106	.20	.040	5	17	.50	97	.12	2	2.32	.01	.04	1	1
LE-87 4N 3+50W	5	42	8	59	.1	13	12	409	4.78	2	5	ND	3	20	1	2	2	115	.26	.039	8	19	.67	100	.14	5	3.05	.02	.07	1	1
LE-87 4N 3+50W (A)	2	52	7	144	.1	14	26	1233	7.52	4	5	ND	1	20	1	2	2	158	.33	.075	2	28	1.12	181	.27	2	3.95	.03	.06	1	1
LE-87 4N 3+00W	1	6	7	35	.1	4	4	254	2.91	4	5	ND	1	16	1	2	2	79	.19	.009	4	13	.20	69	.09	2	.84	.01	.02	1	1
LE-87 4N 2+75W	1	40	18	146	.1	13	25	4899	6.18	7	5	ND	1	27	1	2	2	110	.48	.145	5	17	.75	285	.13	4	2.43	.02	.07	1	1
LE-87 4N 2+50W	1	24	7	136	.1	12	14	2428	3.96	2	5	ND	1	27	1	2	2	88	.40	.138	4	16	.49	177	.16	3	2.30	.02	.04	1	1
LE-87 4N 2+25W	1	48	12	97	.1	18	17	510	4.94	3	5	ND	2	15	1	2	2	102	.30	.085	4	22	.56	113	.21	2	3.27	.02	.05	1	1
LE-87 4N 2+00W	1	54	10	95	.1	24	19	506	4.19	2	5	ND	1	15	1	2	2	97	.31	.073	5	22	.64	111	.19	2	2.98	.02	.05	1	1
LE-87 4N 1+75W	1	67	9	92	.1	16	23	809	5.55	4	5	ND	2	17	1	2	2	92	.26	.238	6	17	.35	87	.14	6	5.52	.02	.04	1	1
STD C/AU-S	20	59	35	130	7.0	65	27	996	3.95	37	15	7	33	49	16	16	20	62	.48	.098	35	57	.88	182	.09	37	1.71	.07	.16	14	49

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
LE-87 4N 1+50W	1	39	3	103	.2	5	17	311	8.09	3	5	ND	1	13	1	2	2	148	.21	.086	4	13	.40	84	.17	3	2.38	.01	.04	1	1
LE-87 4N 1+25W	1	51	3	57	.1	14	15	201	5.04	2	5	ND	1	12	1	3	2	115	.22	.049	5	20	.38	57	.19	2	3.68	.02	.03	2	1
LE-87 4N 1+00W	1	25	6	65	.1	9	11	197	3.89	2	5	ND	1	12	1	2	2	109	.19	.031	4	18	.35	80	.18	2	1.97	.02	.02	1	2
LE-87 4N 0+50W	1	21	5	53	.1	9	7	247	3.08	2	5	ND	1	16	1	2	3	80	.20	.033	3	17	.36	72	.11	2	2.04	.01	.03	1	1
LE-87 4N 0+00W	1	34	2	41	.1	8	6	156	3.16	2	5	ND	1	13	1	2	2	89	.24	.063	5	20	.35	51	.12	3	2.08	.03	.02	2	1
LE-87 4N 0+50E	1	27	5	41	.2	6	7	616	2.60	2	9	ND	1	54	1	2	2	73	.85	.047	21	14	.33	86	.09	5	1.74	.02	.04	1	1
LE-87 4N 1+00E	6	40	2	29	.1	5	6	177	3.47	2	5	ND	1	17	1	2	2	104	.32	.035	4	18	.32	48	.15	2	1.59	.02	.02	1	3
LE-87 4N 1+50E	12	59	2	34	.1	12	11	436	2.97	2	17	ND	1	17	1	2	2	83	.32	.044	9	19	.34	74	.14	2	3.01	.03	.03	3	1
LE-87 4N 2+00E	3	112	3	62	.1	96	27	620	5.29	6	5	ND	1	19	1	2	2	117	.36	.090	5	254	1.54	94	.15	3	2.49	.03	.04	1	1
LE-87 4N 2+50E	2	95	2	70	.1	117	27	443	6.08	2	5	ND	1	16	1	2	2	131	.32	.095	4	295	1.66	107	.20	2	2.68	.03	.04	1	1
LE-87 4N 3+00E	2	161	6	55	.1	148	33	477	5.75	5	5	ND	2	23	1	2	2	106	.42	.095	7	344	2.38	85	.18	2	3.45	.03	.07	2	2
LE-87 4N 3+50E	1	159	2	50	.1	10	11	189	3.82	3	5	ND	1	10	1	2	2	92	.24	.105	6	24	.23	50	.16	2	2.30	.02	.04	2	1
LE-87 4N 4+00E	1	84	3	48	.1	9	8	186	3.53	2	5	ND	1	10	1	2	2	95	.23	.101	4	23	.25	50	.14	2	1.82	.02	.03	2	1
LE-87 4N 4+50E	1	138	3	36	.1	16	12	202	3.56	2	5	ND	1	11	1	2	2	95	.26	.059	3	22	.32	65	.16	2	1.93	.02	.03	1	4
LE-87 4N 5+00E	1	141	2	36	.1	10	10	170	3.46	2	5	ND	1	13	1	2	2	107	.32	.067	4	24	.30	65	.16	4	1.95	.03	.03	2	1
LE-87 3N 8+00W	1	38	8	101	.2	18	20	630	4.46	5	5	ND	2	12	1	2	2	91	.16	.083	6	17	.62	85	.14	2	3.55	.01	.06	1	2
LE-87 3N 7+50W	1	42	4	96	.3	15	16	421	4.09	4	5	ND	4	13	1	2	2	89	.18	.059	5	17	.59	98	.18	2	2.87	.02	.07	1	1
LE-87 3N 7+00W	1	24	8	49	.1	8	7	249	3.12	3	5	ND	2	12	1	2	2	75	.16	.054	5	12	.30	64	.13	2	1.76	.01	.04	2	2
LE-87 3N 6+50W	1	90	2	76	.1	21	16	437	4.49	5	5	ND	2	16	1	2	2	97	.18	.078	8	28	.83	141	.16	7	3.32	.01	.06	1	1
LE-87 3N 6+00W	1	76	5	82	.1	30	16	937	4.35	8	5	ND	2	17	1	2	2	92	.23	.104	8	42	.98	184	.14	2	2.87	.02	.09	2	1
LE-87 3N 5+50W	1	85	16	113	.3	20	19	1379	4.23	5	5	ND	1	45	1	2	2	84	.56	.066	22	22	.66	280	.12	7	2.87	.01	.07	1	1
LE-87 3N 5+00W	1	11	7	35	.1	3	4	148	2.68	2	5	ND	2	10	1	2	4	67	.16	.058	5	10	.24	58	.08	2	1.17	.01	.02	1	2
LE-87 3N 4+50W	2	24	11	60	.1	8	9	225	4.59	5	5	ND	1	12	1	2	2	102	.18	.051	6	18	.42	67	.14	2	2.31	.01	.04	1	1
LE-87 3N 4+00W	1	28	10	48	.1	10	10	340	3.95	6	5	ND	2	13	1	2	2	93	.18	.049	5	16	.53	97	.13	5	2.34	.01	.04	2	1
LE-87 3N 3+75W	1	35	10	47	.2	12	10	272	3.33	2	5	ND	1	13	1	2	2	81	.22	.030	5	17	.59	126	.15	4	2.52	.02	.05	1	1
LE-87 3N 3+50W	1	31	5	72	.1	13	9	372	3.71	2	5	ND	1	11	1	2	2	90	.21	.106	4	19	.47	114	.13	2	2.36	.02	.04	1	3
LE-87 3N 3+25W	2	49	6	48	.1	11	10	249	4.22	8	5	ND	1	14	1	2	3	103	.23	.032	5	18	.50	91	.16	2	2.44	.02	.04	2	1
LE-87 3N 3+00W	1	14	9	73	.1	8	8	317	4.04	2	5	ND	1	14	1	2	2	108	.22	.031	4	17	.52	98	.15	2	1.70	.02	.03	1	1
LE-87 3N 2+75W	1	16	8	53	.1	8	7	222	3.95	3	5	ND	1	19	1	2	2	110	.24	.039	3	15	.40	87	.13	2	1.38	.01	.03	1	1
LE-87 3N 2+50W	1	43	9	153	.3	23	26	1887	4.11	4	5	ND	1	23	1	2	2	87	.44	.134	4	18	.52	117	.10	2	2.76	.02	.04	1	2
LE-87 3N 2+25W	1	47	9	100	.1	27	17	469	4.86	5	5	ND	1	16	1	2	2	93	.34	.142	5	20	.62	74	.14	2	3.91	.02	.04	1	1
LE-87 3N 2+00W	1	62	3	52	.1	14	12	282	3.98	5	5	ND	2	13	1	2	2	81	.25	.098	6	18	.53	57	.12	2	3.34	.02	.04	1	1
LE-87 3N 1+75W	1	26	8	49	.1	9	8	318	3.57	2	5	ND	1	11	1	2	2	85	.22	.057	3	15	.36	74	.15	8	2.02	.02	.02	1	1
LE-87 3N 1+50W	1	46	6	52	.1	14	9	232	3.94	2	5	ND	1	12	1	2	2	96	.21	.059	4	20	.49	66	.17	2	2.97	.02	.03	1	1
LE-87 3N 1+25W	1	56	3	72	.2	17	13	256	4.40	6	5	ND	2	12	1	2	2	96	.18	.061	4	20	.62	57	.18	4	3.85	.02	.04	1	1
LE-87 3N 1+00W	1	24	7	75	.2	6	17	468	3.09	2	5	ND	1	11	1	2	2	78	.23	.044	4	14	.30	58	.14	2	1.49	.01	.03	1	1
STD C/AU-S	20	59	40	132	6.9	69	28	998	3.98	38	19	7	33	49	16	15	20	63	.48	.104	36	58	.88	184	.09	35	1.71	.07	.15	12	51

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
LE-87 3N 0+75W	1	30	5	102	.1	12	10	334	6.11	9	5	ND	1	11	1	2	2	146	.20	.105	4	20	.62	48	.23	6	2.69	.01	.04	1	1
LE-87 3N 0+50W	1	40	12	89	.1	9	19	448	5.52	4	5	ND	2	9	1	2	2	125	.21	.175	5	19	.43	40	.17	3	3.94	.01	.03	2	1
LE-87 3N 0+25W	1	26	5	52	.1	10	8	190	3.84	4	5	ND	1	12	1	2	2	110	.21	.042	4	16	.33	42	.17	2	1.95	.02	.02	1	1
LE-87 3N 0+00W	1	42	7	66	.2	14	8	264	3.70	4	5	ND	1	15	1	2	2	108	.25	.042	4	22	.45	61	.17	4	2.18	.02	.04	1	2
LE-87 3N 1+00E	3	171	11	65	.1	112	32	564	5.38	5	5	ND	1	19	1	2	2	127	.40	.071	6	237	1.81	86	.18	2	2.90	.03	.06	1	1
LE-87 3N 1+50E	3	119	5	53	.1	100	25	401	5.94	7	5	ND	1	20	1	2	2	126	.39	.142	5	276	1.92	86	.19	2	2.49	.03	.05	1	1
LE-87 3N 2+00E	2	84	8	55	.1	76	20	464	4.79	3	5	ND	2	18	1	2	2	109	.38	.165	5	226	1.44	87	.15	2	2.03	.03	.05	1	1
LE-87 3N 2+50E	2	110	9	70	.1	120	28	663	5.50	5	5	ND	2	19	1	2	2	113	.39	.347	5	261	2.20	106	.18	2	3.37	.03	.09	1	1
LE-87 3N 3+00E	2	66	3	51	.1	83	18	281	4.80	4	5	ND	1	20	1	2	2	104	.32	.073	4	275	1.50	76	.14	2	2.06	.02	.04	1	1
LE-87 3N 3+50E	3	192	7	54	.1	47	29	361	4.72	2	5	ND	1	16	1	2	2	123	.35	.049	9	86	.79	89	.18	4	2.52	.02	.05	1	1
LE-87 3N 4+00E	3	255	2	55	.2	45	51	570	3.91	3	5	ND	1	17	1	2	2	104	.39	.053	8	77	.74	71	.18	3	2.96	.03	.04	1	1
LE-87 3N 4+50E	2	154	3	41	.1	22	15	197	3.78	2	5	ND	1	11	1	2	2	109	.26	.033	4	63	.47	63	.17	2	1.79	.03	.03	1	1
LE-87 3N 5+00E	1	114	5	58	.1	19	11	170	4.31	2	5	ND	1	10	1	2	2	131	.24	.066	3	55	.40	53	.20	2	2.13	.02	.03	1	1
LE-87 2N 8+00W	1	40	12	89	.1	12	17	1263	4.32	6	5	ND	1	8	1	2	2	88	.11	.070	4	15	.72	71	.05	8	2.61	.01	.04	1	2
LE-87 2N 7+50W	1	40	14	120	.2	18	20	849	5.51	11	5	ND	2	11	1	2	2	109	.15	.161	5	22	.83	80	.07	2	3.24	.01	.04	1	1
LE-87 2N 7+00W	1	22	8	45	.1	11	8	206	4.73	8	5	ND	1	14	1	2	2	92	.31	.031	4	17	.36	39	.12	4	2.07	.01	.02	1	1
LE-87 2N 6+50W	1	58	10	75	.6	16	33	1775	4.54	13	5	ND	1	32	1	2	2	91	.99	.079	19	19	.66	89	.12	4	4.12	.02	.03	1	1
LE-87 2N 6+00W	1	28	6	49	.1	10	10	239	4.54	6	5	ND	1	28	1	2	2	115	.56	.042	8	16	.37	91	.15	2	2.86	.01	.04	1	1
LE-87 2N 5+50W	1	21	6	61	.1	10	9	329	4.44	5	5	ND	1	14	1	2	2	118	.23	.039	4	18	.54	98	.17	6	1.79	.01	.04	1	1
LE-87 2N 5+00W	1	31	6	68	.1	6	9	358	3.71	2	5	ND	2	14	1	2	2	103	.19	.085	6	11	.62	119	.22	2	1.72	.02	.08	1	1
LE-87 2N 4+50W	1	33	4	66	.1	11	7	307	3.99	2	5	ND	3	11	1	2	2	91	.19	.155	5	16	.50	72	.13	4	2.38	.01	.04	1	1
LE-87 2N 4+00W	1	51	5	73	.1	17	13	359	4.08	3	5	ND	2	13	1	2	2	95	.18	.045	6	22	.61	95	.16	2	2.72	.01	.06	1	1
LE-87 2N 3+75W	1	24	3	46	.2	10	8	336	2.86	2	5	ND	1	13	1	2	2	81	.23	.024	4	15	.36	111	.12	3	1.80	.02	.03	1	1
LE-87 2N 3+50W	1	41	2	67	.1	15	10	375	4.04	3	5	ND	1	15	1	2	2	96	.22	.057	5	18	.56	135	.12	4	2.73	.01	.05	1	41
LE-87 2N 3+25W	1	10	5	51	.1	6	6	162	2.96	2	5	ND	1	12	1	2	2	74	.16	.037	4	14	.28	55	.07	2	1.28	.01	.03	1	1
LE-87 2N 3+00W	1	48	5	49	.1	10	10	284	3.89	3	5	ND	2	14	1	2	2	97	.21	.036	6	19	.55	116	.12	2	2.32	.02	.05	2	1
LE-87 2N 2+75W	1	52	5	63	.1	14	12	383	4.85	5	5	ND	1	30	1	2	2	122	.43	.048	5	20	.70	110	.18	5	2.56	.02	.04	1	1
LE-87 2N 2+50W	1	47	10	85	.1	16	27	777	7.50	6	5	ND	1	30	1	2	2	162	.45	.089	5	46	.75	85	.21	3	3.38	.02	.06	1	1
LE-87 2N 2+25W	1	41	6	61	.1	14	20	677	5.97	4	6	ND	2	26	1	2	2	141	.33	.045	8	29	.72	74	.15	2	3.31	.02	.05	1	1
LE-87 2N 2+00W	1	32	5	70	.1	11	11	546	4.23	3	5	ND	2	16	1	2	2	107	.23	.053	4	16	.56	74	.15	2	2.30	.02	.04	1	1
LE-87 2N 1+75W	1	43	4	93	.1	12	18	2500	3.33	4	5	ND	1	13	1	2	2	79	.26	.155	5	16	.34	124	.12	4	2.27	.02	.03	1	1
LE-87 2N 1+50W	1	29	8	89	.1	10	9	320	3.69	5	5	ND	1	10	1	2	2	97	.22	.070	3	19	.51	64	.15	3	2.39	.02	.03	1	1
LE-87 2N 1+25W	1	24	9	70	.1	4	8	347	3.54	2	5	ND	1	15	1	2	2	77	.27	.087	3	8	.14	40	.10	2	1.45	.01	.02	1	1
LE-87 2N 1+00W	1	58	4	74	.2	8	10	196	4.02	2	5	ND	1	9	1	2	2	113	.18	.077	3	20	.33	47	.16	4	2.23	.02	.02	1	1
LE-87 2N 0+75W	1	15	5	56	.1	3	6	180	3.95	2	5	ND	1	10	1	2	2	132	.21	.029	3	17	.34	46	.20	6	1.30	.02	.02	1	2
LE-87 2N 0+50W	1	41	5	99	.2	18	14	268	4.29	2	5	ND	1	14	1	2	2	114	.23	.057	3	25	.47	65	.19	2	2.66	.02	.03	1	1
STD C/AU-S	20	60	38	134	7.1	64	29	1018	3.95	39	17	7	33	49	16	15	19	64	.48	.104	36	58	.88	185	.09	36	1.71	.07	.15	13	48

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
LE-87 2N 0+25W	2	89	10	60	.1	76	22	611	4.36	4	5	ND	1	23	1	2	2	103	.44	.065	7	138	1.20	123	.12	4	2.11	.02	.06	1	1
LE-87 2N 0+00W	5	144	9	56	.1	121	35	594	5.21	6	5	ND	1	22	1	2	2	112	.39	.049	6	223	1.84	99	.18	3	2.89	.03	.05	1	3
LE-87 2N 0+50E	3	166	11	68	.1	130	32	510	5.46	5	5	ND	1	20	1	2	2	119	.36	.111	6	253	1.99	112	.17	3	2.94	.03	.07	1	4
LE-87 2N 1+00E	4	123	9	69	.1	80	24	601	4.89	9	5	ND	1	29	1	2	2	108	.44	.211	6	191	1.58	132	.12	2	2.63	.03	.07	1	1
LE-87 2N 1+50E	7	85	7	62	.2	68	20	383	5.87	10	5	ND	1	22	1	2	2	128	.27	.403	5	203	1.41	108	.15	2	2.99	.02	.04	1	1
LE-87 2N 2+00E	3	133	4	61	.1	95	31	522	5.27	5	5	ND	1	20	1	2	2	113	.36	.155	5	250	1.75	80	.16	3	2.33	.03	.06	1	1
LE-87 2N 2+50E	2	110	9	54	.2	89	23	379	3.96	6	5	ND	1	24	1	2	2	89	.44	.085	5	190	1.49	107	.15	5	2.06	.02	.07	1	1
LE-87 2N 3+00E	1	192	8	57	.1	93	31	406	4.70	5	5	ND	1	17	1	2	2	138	.35	.087	4	163	1.15	157	.18	6	3.01	.03	.06	1	3
LE-87 2N 3+50E	1	168	12	56	.1	151	43	475	5.57	3	5	ND	1	30	1	2	2	144	.39	.039	8	230	1.77	150	.21	2	3.55	.04	.05	1	2
LE-87 2N 4+00E	1	88	8	53	.1	111	28	236	5.77	5	5	ND	1	13	1	2	4	136	.27	.038	3	282	1.54	49	.22	4	2.57	.03	.03	1	1
LE-87 2N 4+50E	1	42	7	60	.1	84	18	328	5.76	3	5	ND	1	11	1	2	2	118	.26	.020	2	296	1.10	46	.21	5	1.79	.03	.04	1	1
LE-87 2N 5+00E	1	72	4	58	.1	136	29	284	6.07	4	5	ND	1	13	1	2	2	125	.26	.027	2	377	2.03	60	.19	2	2.24	.03	.03	1	1
LE-87 1N 9+00W	1	38	8	56	.2	15	13	438	3.58	3	5	ND	2	16	1	2	3	81	.22	.031	6	18	.73	83	.13	5	2.40	.01	.06	1	1
LE-87 1N 8+50W	1	27	15	53	.2	11	14	980	4.37	6	5	ND	1	17	1	2	2	107	.29	.034	5	16	.53	67	.14	2	2.21	.01	.06	1	1
LE-87 1N 8+00W	1	30	6	107	.1	8	20	939	4.68	5	5	ND	1	9	1	2	2	103	.11	.069	4	17	.63	79	.07	2	2.06	.01	.04	1	1
LE-87 1N 7+50W	1	54	9	75	.1	12	13	1147	3.92	8	5	ND	1	12	1	2	2	91	.18	.097	4	20	.63	119	.13	2	2.33	.01	.04	1	1
LE-87 1N 7+00W	1	41	9	59	.2	12	11	1404	4.13	7	5	ND	1	34	1	2	2	78	.49	.034	4	16	.60	173	.12	2	1.83	.01	.08	1	1
LE-87 1N 6+50W	1	57	3	60	.1	18	13	673	4.09	5	5	ND	1	17	1	2	2	94	.33	.040	6	22	.71	111	.18	7	2.89	.02	.05	1	1
LE-87 1N 6+00W	1	75	6	58	.1	22	13	489	3.50	4	5	ND	2	41	1	2	2	95	.61	.060	9	27	1.05	425	.21	2	2.92	.03	.19	1	1
LE-87 1N 5+50W	1	163	5	69	.1	18	17	867	4.05	12	5	ND	2	32	1	2	2	92	.62	.039	10	23	.77	206	.17	5	3.37	.03	.07	1	1
LE-87 1N 5+00W	1	85	5	56	.1	18	14	591	3.72	6	5	ND	2	29	1	2	2	94	.56	.050	10	26	.94	332	.18	2	3.08	.03	.14	1	1
LE-87 1N 4+50W	1	26	14	76	.1	8	11	3149	2.86	2	5	ND	1	32	1	2	2	68	.50	.045	5	17	.44	263	.07	2	2.04	.01	.07	1	1
LE-87 1N 4+00W	1	16	7	72	.2	4	6	1123	2.91	2	5	ND	1	11	1	2	2	73	.20	.064	4	14	.37	72	.09	2	1.51	.01	.03	1	1
LE-87 1N 3+75W	1	53	5	81	.1	14	13	753	3.67	4	5	ND	1	16	1	2	2	91	.27	.060	6	20	.67	164	.15	4	2.65	.02	.05	1	11
LE-87 1N 3+50W	1	18	12	53	.1	5	5	370	1.42	2	5	ND	1	37	1	2	2	36	.66	.063	7	10	.21	169	.05	2	.88	.01	.03	1	1
LE-87 1N 3+25W	1	57	4	61	.1	15	13	771	3.61	5	5	ND	2	20	1	2	2	82	.37	.079	7	20	.79	136	.10	3	2.08	.02	.07	1	1
LE-87 1N 3+00W	1	62	13	108	.2	8	11	1128	3.53	9	5	ND	1	48	1	5	2	89	.70	.191	6	19	.51	296	.11	4	2.18	.06	.21	1	1
LE-87 1N 2+75W	1	53	2	47	.1	13	12	378	4.51	6	5	ND	1	14	1	2	2	101	.22	.070	7	21	.51	82	.14	6	3.04	.02	.04	1	2
LE-87 1N 2+50W	1	45	4	68	.2	12	13	441	4.08	7	5	ND	2	15	1	2	2	92	.21	.082	6	20	.65	106	.10	3	2.73	.01	.06	1	1
LE-87 1N 2+25W	1	27	6	70	.1	7	12	681	4.17	3	5	ND	1	12	1	2	2	98	.16	.101	5	21	.52	79	.09	3	2.37	.01	.04	1	1
LE-87 1N 2+00W	1	35	3	93	.1	12	16	1035	4.55	8	5	ND	1	15	1	2	2	97	.21	.171	5	23	.40	90	.11	5	3.49	.01	.05	1	1
LE-87 1N 1+75W	1	30	8	63	.1	6	11	869	4.06	6	5	ND	1	17	1	2	2	95	.30	.103	5	18	.34	88	.09	3	2.44	.01	.04	1	1
LE-87 1N 1+50W	1	70	13	89	.2	15	20	970	5.62	10	5	ND	1	13	1	2	3	103	.16	.067	7	28	.66	97	.08	2	3.00	.01	.03	1	1
LE-87 1N 1+25W	1	25	7	42	.1	7	10	431	5.40	8	5	ND	1	38	1	2	2	136	.56	.093	5	22	.35	91	.17	2	3.00	.01	.05	1	1
LE-87 1N 1+00W	1	20	4	32	.1	8	7	205	3.25	3	5	ND	1	18	1	2	2	89	.17	.039	4	15	.34	50	.09	6	1.50	.01	.03	1	1
LE-87 1N 0+75W	1	21	14	39	.2	8	7	217	5.22	8	5	ND	2	33	1	2	2	142	.43	.053	4	22	.37	64	.13	2	2.62	.01	.03	1	1
STD C/AU-S	20	60	37	134	6.9	69	29	1019	3.96	38	17	8	34	50	17	16	21	64	.48	.101	36	59	.88	187	.09	37	1.71	.07	.16	14	48

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
LE-87 1N 0+50W	1	26	11	42	.1	12	7	261	3.08	3	5	ND	1	51	1	2	2	83	.78	.041	5	20	.36	75	.09	2	2.20	.01	.04	1	1
LE-87 1N 0+25W	2	116	7	48	.1	61	21	462	3.94	2	5	ND	1	29	1	2	2	94	.63	.082	7	111	1.34	105	.15	5	2.13	.04	.10	1	1
LE-87 1N 0+00W	3	131	4	59	.1	107	28	416	5.29	5	5	ND	1	24	1	2	2	127	.46	.067	5	270	1.82	93	.18	2	2.29	.03	.07	1	14
LE-87 1N 0+50E	3	128	3	58	.1	96	26	426	4.85	4	5	ND	1	22	1	2	2	118	.48	.057	4	186	1.54	104	.18	2	2.30	.03	.05	1	1
LE-87 1N 1+00E	2	142	9	54	.1	107	29	413	5.22	3	5	ND	1	25	1	2	2	135	.51	.067	6	243	1.72	94	.18	3	2.17	.02	.08	1	1
LE-87 1N 1+50E	3	186	5	59	.1	161	34	335	5.25	2	5	ND	2	19	1	2	2	119	.33	.057	6	253	2.27	110	.19	3	3.04	.03	.06	1	1
LE-87 1N 2+00E	3	166	7	52	.1	134	34	360	5.49	6	5	ND	2	20	1	2	2	119	.40	.059	6	285	2.09	100	.20	5	2.64	.02	.05	1	1
LE-87 1N 2+50E	7	129	2	56	.1	104	25	383	5.63	3	5	ND	2	18	1	2	2	123	.34	.055	5	230	1.93	87	.22	2	2.65	.03	.05	1	1
LE-87 1N 3+00E	2	133	8	52	.1	83	24	436	4.62	4	5	ND	2	31	1	2	2	119	.66	.094	7	152	1.62	122	.17	2	2.13	.05	.10	1	1
LE-87 1N 3+50E	1	175	6	67	.1	201	40	275	5.72	5	5	ND	1	13	1	2	2	128	.27	.088	3	292	2.29	66	.17	2	3.06	.02	.04	1	1
LE-87 1N 4+00E	1	39	4	24	.1	8	5	96	2.77	2	5	ND	1	9	1	2	2	106	.18	.047	2	54	.16	35	.15	2	.82	.01	.02	1	1
LE-87 1N 4+50E	1	57	14	49	.1	28	9	217	3.16	2	5	ND	1	16	1	2	3	91	.31	.068	3	89	.42	75	.13	4	1.64	.02	.05	1	1
LE-87 1N 5+00E	1	75	5	45	.2	77	18	180	5.25	3	5	ND	1	10	1	2	2	133	.26	.031	3	181	.82	56	.21	3	2.37	.02	.03	1	1
LE-87 0N 10+00W	1	31	13	56	.1	14	8	1709	3.72	2	5	ND	1	9	1	2	2	69	.08	.106	4	20	.40	154	.06	2	1.95	.01	.07	1	1
LE-87 0N 9+50W	1	10	4	33	.1	5	5	259	2.75	2	5	ND	1	8	1	2	2	62	.11	.038	4	12	.26	50	.06	2	1.37	.01	.02	1	1
LE-87 0N 9+00W	1	31	6	65	.2	9	11	458	2.88	3	5	ND	2	8	1	2	2	60	.12	.042	4	14	.50	86	.07	2	2.01	.01	.03	1	1
LE-87 0N 8+50W	1	12	7	42	.1	14	6	195	2.81	2	5	ND	2	10	1	2	2	68	.17	.058	4	19	.49	50	.10	2	1.48	.01	.03	1	1
LE-87 0N 8+00W	1	32	7	127	.1	9	13	1601	3.72	3	5	ND	5	14	1	2	2	82	.32	.200	7	15	.50	109	.15	4	2.10	.01	.05	1	1
LE-87 0N 7+50W	1	116	6	85	.1	14	13	1047	3.40	5	5	ND	1	36	1	2	2	73	.83	.101	10	18	.68	140	.11	5	2.50	.02	.05	1	2
LE-87 0N 7+00W	1	36	7	52	.1	14	11	491	4.05	3	5	ND	2	17	1	2	2	93	.23	.099	4	20	.62	142	.13	8	2.52	.02	.04	1	1
LE-87 0N 6+50W	1	35	2	50	.1	9	9	554	3.73	2	5	ND	2	18	1	2	2	88	.27	.094	5	17	.51	127	.11	2	2.42	.02	.04	1	1
LE-87 0N 6+00W	1	50	4	77	.1	12	11	763	2.98	3	5	ND	2	16	1	2	3	62	.26	.122	5	18	.59	109	.09	3	2.05	.01	.05	1	1
LE-87 0N 5+50W	1	46	11	52	.1	16	11	473	3.67	3	5	ND	3	15	1	2	2	83	.23	.049	5	19	.67	131	.12	2	2.21	.02	.05	1	1
LE-87 0N 5+00W	1	45	2	47	.1	15	9	345	3.01	2	5	ND	1	12	1	2	2	79	.25	.093	4	19	.54	128	.12	5	2.26	.02	.04	1	1
LE-87 0N 4+50W	1	27	6	46	.1	9	8	863	2.85	2	5	ND	1	16	1	2	2	73	.36	.043	5	15	.43	87	.09	2	1.51	.02	.03	1	1
LE-87 0N 4+00W	1	20	5	57	.1	7	7	1303	2.87	2	5	ND	1	10	1	2	2	70	.16	.073	3	15	.27	63	.07	3	1.38	.01	.03	1	1
LE-87 0N 3+50W	1	57	3	61	.1	14	11	751	3.09	2	5	ND	1	20	1	2	2	78	.43	.094	7	19	.67	147	.11	2	2.38	.02	.07	1	1
LE-87 0N 3+25W	1	68	7	67	.1	17	12	1199	3.41	3	5	ND	1	19	1	2	2	84	.40	.076	8	21	.72	173	.12	2	2.33	.02	.08	1	6
LE-87 0N 3+00W	1	30	2	87	.2	12	10	340	4.09	6	5	ND	2	11	1	2	2	90	.17	.111	6	22	.60	77	.12	3	3.14	.01	.04	1	1
LE-87 0N 2+75W	1	22	8	74	.1	9	10	528	4.25	3	5	ND	1	12	1	2	2	94	.17	.073	5	20	.44	75	.10	2	2.00	.01	.03	1	1
LE-87 0N 2+50W	1	36	5	85	.1	12	11	1212	4.07	2	5	ND	1	11	1	2	2	85	.16	.196	5	19	.41	111	.05	2	2.27	.01	.05	1	1
LE-87 0N 2+25W	3	18	4	65	.3	6	7	418	3.67	4	5	ND	2	10	1	2	2	83	.15	.222	5	17	.32	55	.08	3	2.52	.01	.03	1	1
LE-87 0N 2+00W	1	71	5	90	.2	22	18	887	5.66	7	5	ND	2	14	1	2	2	108	.19	.065	7	31	.81	110	.10	2	3.37	.01	.04	1	1
LE-87 0N 1+75W	1	49	5	105	.3	18	18	1030	4.81	6	5	ND	1	11	1	2	2	93	.14	.184	4	28	.68	95	.07	3	3.51	.01	.04	1	1
LE-87 0N 1+50W	1	76	7	104	.1	26	20	927	5.32	8	5	ND	2	11	1	2	2	105	.14	.168	5	41	.93	108	.12	5	3.83	.01	.05	1	1
LE-87 0N 1+25W	1	31	12	72	.2	12	9	473	4.05	4	5	ND	2	9	1	2	6	94	.11	.126	4	21	.47	72	.07	2	2.58	.01	.03	1	1
STD C/AU-S	20	60	42	132	6.7	70	28	1000	3.93	39	17	7	32	48	16	15	19	63	.48	.098	36	59	.88	185	.09	37	1.71	.07	.14	12	49

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
LE-87 ON 1+00W	1	59	3	137	.1	22	21	815	5.49	5	5	ND	2	12	1	2	3	105	.13	.193	4	31	.81	90	.12	2	4.69	.01	.05	1	1
LE-87 ON 0+75W	1	55	14	97	.2	14	15	762	5.90	14	5	ND	3	15	1	2	2	113	.24	.164	6	28	.99	91	.13	4	5.46	.02	.06	1	1
LE-87 ON 0+50W	1	71	5	78	.1	32	20	727	4.78	5	5	ND	2	21	1	2	2	111	.32	.080	8	51	.87	120	.14	2	2.99	.02	.07	1	1
LE-87 ON 0+25W	3	102	2	70	.1	79	26	640	4.81	6	5	ND	1	28	1	2	2	123	.51	.060	7	178	1.39	115	.16	2	2.14	.03	.07	1	1
LE-87 ON 0+00W	3	144	9	69	.1	97	29	504	4.83	6	5	ND	2	32	1	2	2	119	.61	.081	7	211	1.83	112	.18	2	2.41	.04	.09	1	1
LE-87 ON 0+25E	4	150	6	65	.1	86	32	551	4.32	3	5	ND	1	34	1	2	2	99	.66	.074	7	156	1.58	134	.17	2	2.42	.03	.09	1	1
LE-87 ON 0+50E	4	141	9	65	.1	100	33	610	5.01	7	5	ND	1	31	1	2	2	116	.59	.069	6	203	1.82	125	.20	4	2.51	.04	.08	1	2
LE-87 ON 0+75E	4	146	4	56	.1	73	26	450	4.65	10	5	ND	2	34	1	2	2	112	.63	.080	7	151	1.54	110	.21	2	2.24	.04	.12	1	3
LE-87 ON 1+00E	3	136	7	51	.1	59	27	414	4.73	5	5	ND	1	30	1	2	2	120	.58	.068	6	138	1.37	100	.21	2	2.03	.04	.12	1	1
LE-87 ON 1+25E	1	57	7	53	.2	16	11	259	3.90	5	5	ND	1	14	1	2	2	126	.27	.048	5	59	.37	63	.17	6	2.11	.02	.03	1	1
LE-87 ON 1+50E	1	67	8	45	.1	18	11	259	3.64	3	5	ND	1	15	1	2	2	124	.31	.080	4	49	.42	79	.15	2	2.47	.03	.04	1	1
LE-87 ON 1+75E	1	53	2	67	.1	16	12	343	4.57	6	5	ND	1	15	1	2	2	134	.32	.112	4	55	.42	77	.17	3	2.67	.03	.04	1	1
LE-87 ON 2+00E	1	23	5	56	.1	12	10	555	3.53	6	5	ND	1	17	1	2	2	106	.30	.066	4	52	.36	68	.16	3	1.29	.02	.03	1	1
LE-87 ON 2+25E	1	71	5	51	.1	18	18	1193	3.61	5	5	ND	1	27	1	2	2	112	.59	.055	9	55	.42	94	.14	2	2.13	.03	.04	1	8
LE-87 ON 2+50E	1	97	4	43	.1	26	16	339	4.44	6	5	ND	1	12	1	2	2	138	.28	.110	4	68	.52	62	.15	3	3.15	.03	.04	2	2
LE-87 ON 3+00E	1	62	7	67	.1	25	14	336	4.20	3	5	ND	1	13	1	2	2	129	.29	.097	3	72	.58	84	.16	4	2.26	.03	.05	1	1
LE-87 ON 3+50E	1	88	3	80	.1	25	16	654	4.42	3	5	ND	1	17	1	2	2	129	.36	.146	4	73	.58	106	.16	2	2.67	.03	.04	1	5
LE-87 ON 4+00E	1	38	5	61	.1	19	10	251	4.35	3	5	ND	1	11	1	2	2	137	.24	.119	4	59	.57	56	.21	2	1.87	.02	.04	1	1
LE-87 ON 4+50E	1	25	4	40	.1	18	10	231	3.62	2	5	ND	1	16	1	2	2	122	.33	.030	5	55	.40	69	.22	5	1.65	.02	.04	1	1
LE-87 1S 10+00W	1	52	6	78	.1	18	18	521	4.62	6	5	ND	4	18	1	2	2	109	.19	.050	12	23	1.25	249	.18	2	4.55	.01	.10	1	1
LE-87 1S 9+50W	4	61	9	65	.1	13	12	510	3.55	4	5	ND	7	11	1	2	3	80	.16	.068	7	17	.70	75	.18	3	2.31	.01	.05	1	3
LE-87 1S 9+00W	1	46	9	71	.1	17	12	582	4.04	4	5	ND	3	17	1	2	2	94	.19	.115	10	27	.77	98	.17	3	2.94	.01	.08	1	2
LE-87 1S 8+50W	1	61	4	68	.2	17	13	570	3.46	4	5	ND	3	20	1	2	2	76	.22	.100	8	20	.87	131	.15	5	2.96	.01	.08	1	1
LE-87 1S 8+00W	1	87	4	67	.1	22	15	507	3.58	4	5	ND	3	21	1	2	2	92	.24	.027	6	22	1.06	176	.21	4	3.33	.02	.11	1	2
LE-87 1S 7+50W	1	22	6	60	.1	11	9	514	3.03	2	5	ND	1	18	1	2	2	77	.25	.028	5	15	.37	118	.14	2	1.93	.02	.05	1	2
LE-87 1S 7+00W	1	43	9	58	.1	13	11	539	3.01	4	5	ND	2	22	1	2	2	72	.28	.047	6	17	.71	208	.14	4	2.38	.02	.07	1	1
LE-87 1S 6+50W	1	57	8	96	.1	14	15	1229	3.92	3	5	ND	3	17	1	2	2	88	.27	.116	7	20	.63	127	.15	2	2.62	.02	.07	1	4
LE-87 1S 6+00W	1	44	7	81	.1	12	13	653	3.31	2	5	ND	1	22	1	2	2	74	.25	.083	5	17	.71	103	.11	2	2.07	.01	.06	1	35
LE-87 1S 5+50W	1	76	8	59	.1	13	13	797	3.09	2	5	ND	2	24	1	2	2	78	.42	.086	8	17	.73	150	.13	2	2.14	.02	.07	1	3
LE-87 1S 5+00W	1	51	8	72	.1	17	13	1545	3.67	2	5	ND	1	23	1	2	2	89	.34	.124	6	19	.74	144	.13	2	2.81	.02	.04	1	5
LE-87 1S 4+50W	1	24	8	63	.1	10	9	664	3.22	2	5	ND	1	17	1	2	2	73	.25	.133	5	17	.45	119	.10	2	1.92	.01	.04	1	4
LE-87 1S 4+00W	1	232	12	112	.3	19	23	779	4.80	12	5	ND	2	29	1	2	2	125	.54	.046	13	55	.66	136	.17	2	3.85	.02	.06	1	1
LE-87 1S 3+50W	1	147	2	207	.2	18	19	2352	4.18	4	5	ND	1	31	1	2	2	105	.70	.061	12	25	.93	181	.17	2	2.82	.03	.06	1	1
LE-87 1S 3+25W	1	73	4	145	.1	13	16	804	4.09	2	5	ND	2	19	1	2	2	95	.35	.065	9	22	.61	113	.16	3	2.67	.02	.05	1	1
LE-87 1S 3+00W	1	84	8	75	.2	14	14	774	3.69	3	5	ND	1	24	1	2	2	96	.44	.075	11	22	.62	137	.14	2	2.61	.02	.07	1	1
LE-87 1S 2+75W	1	84	5	79	.2	14	13	805	3.52	2	5	ND	1	21	1	2	2	90	.45	.077	11	20	.61	123	.14	5	2.62	.02	.07	1	1
STD C/AU-S	20	62	38	138	7.1	68	30	1040	3.94	40	18	8	35	52	17	15	19	65	.48	.100	37	60	.88	183	.09	38	1.72	.07	.16	13	47

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
LE-87 1S 2+50W	1	46	7	83	.1	13	12	470	4.51	4	5	ND	2	14	1	2	2	106	.21	.297	5	22	.60	109	.13	2	3.80	.02	.05	1	1
LE-87 1S 2+25W	1	50	10	67	.1	13	14	565	3.97	3	5	ND	1	18	1	2	3	97	.38	.085	7	23	.53	89	.11	2	2.60	.02	.05	1	1
LE-87 1S 2+00W	1	64	5	78	.1	17	16	888	4.71	5	5	ND	2	20	1	2	2	113	.39	.103	7	24	.72	122	.13	3	2.66	.03	.08	1	1
LE-87 1S 1+75W	1	72	8	106	.2	20	23	1199	5.19	5	5	ND	2	19	1	2	2	99	.36	.092	6	31	.74	128	.10	2	3.59	.02	.05	1	1
LE-87 1S 1+50W	1	60	9	93	.1	15	17	834	4.94	7	5	ND	1	16	1	2	2	96	.22	.150	5	26	.70	111	.08	8	3.06	.01	.04	1	2
LE-87 1S 1+25W	1	79	8	105	.2	23	23	970	5.37	4	5	ND	1	13	1	2	2	103	.18	.135	5	33	.87	106	.09	6	3.48	.01	.04	1	1
LE-87 1S 1+00W	1	88	13	109	.1	34	23	684	6.12	7	5	ND	2	13	1	2	2	114	.13	.145	6	53	1.02	108	.14	2	4.50	.02	.06	1	2
LE-87 1S 0+50W	4	129	2	49	.1	102	28	365	5.43	3	5	ND	1	27	1	2	2	126	.50	.068	6	298	1.79	86	.20	3	2.17	.03	.06	1	2
LE-87 1S 0+25W	6	96	2	56	.1	90	28	478	5.44	5	5	ND	1	20	1	2	3	117	.40	.039	5	193	1.63	91	.20	2	2.24	.03	.06	1	1
LE-87 1S 0+00W	4	140	4	54	.1	61	27	485	4.49	5	5	ND	1	31	1	2	2	112	.62	.083	7	125	1.32	110	.18	2	2.07	.04	.11	1	1
LE-87 1S 0+25E	1	73	5	52	.1	19	12	289	3.91	2	5	ND	1	12	1	2	2	119	.26	.109	5	53	.44	68	.16	2	3.04	.03	.04	1	1
LE-87 1S 0+50E	1	50	10	70	.1	11	11	946	3.77	4	5	ND	1	14	1	2	2	111	.27	.099	3	45	.38	86	.14	2	1.82	.02	.05	1	1
LE-87 1S 0+75E	1	56	11	115	.1	19	19	665	5.59	2	5	ND	1	15	1	2	2	150	.28	.069	4	40	.74	108	.25	2	2.34	.02	.05	1	1
LE-87 1S 1+00E	1	62	7	123	.1	26	27	701	6.86	3	5	ND	1	14	1	2	2	136	.28	.102	3	47	.62	107	.20	2	3.05	.02	.05	1	1
LE-87 1S 1+25E	1	54	7	82	.1	15	17	483	4.66	5	5	ND	1	11	1	2	2	143	.24	.156	4	50	.43	77	.16	4	2.32	.03	.03	1	1
LE-87 1S 1+50E	1	137	2	57	.1	27	19	250	4.47	2	5	ND	2	14	1	2	2	143	.33	.051	10	60	.65	74	.21	2	2.98	.03	.05	1	1
LE-87 1S 1+75E	1	98	6	45	.1	20	16	247	4.20	6	5	ND	1	15	1	2	2	133	.33	.042	6	50	.54	51	.22	2	2.82	.03	.04	1	1
LE-87 1S 2+00E	1	88	5	36	.1	15	12	239	3.65	6	5	ND	2	13	1	2	2	133	.31	.048	4	50	.41	71	.17	3	2.36	.03	.04	1	1
LE-87 1S 2+25E	1	63	10	54	.1	20	12	353	4.13	6	5	ND	1	13	1	2	2	142	.34	.059	4	58	.44	89	.20	2	2.26	.03	.04	1	1
LE-87 1S 2+50E	1	85	10	70	.1	25	15	722	4.08	20	5	ND	1	18	1	2	2	129	.34	.045	5	62	.49	113	.19	2	2.40	.03	.04	1	1
LE-87 1S 3+00E	1	17	5	58	.1	18	11	377	4.28	4	5	ND	1	14	1	2	2	132	.30	.038	4	89	.30	102	.20	4	1.25	.02	.03	1	1
LE-87 1S 3+50E	1	59	10	53	.2	32	14	410	3.96	2	5	ND	1	14	1	2	2	117	.33	.042	5	67	.58	106	.21	2	2.53	.03	.06	1	1
LE-87 1S 4+00E	1	52	11	74	.1	32	16	311	4.31	3	5	ND	1	14	1	2	2	123	.32	.056	4	85	.57	95	.18	2	2.23	.03	.05	1	1
LE-87 1S 4+50E	1	55	8	96	.1	31	34	719	4.07	8	5	ND	1	15	1	2	2	117	.38	.063	6	69	.82	85	.22	2	2.03	.03	.05	1	1
LE-87 1S 5+00E	1	29	9	77	.2	22	10	263	4.40	5	5	ND	2	9	1	2	2	112	.21	.074	6	48	.61	59	.18	2	2.12	.02	.04	1	1
LE-87 1S 5+50E	1	38	7	74	.1	28	10	323	4.18	4	5	ND	1	11	1	2	2	112	.27	.065	5	115	.67	68	.21	6	1.84	.03	.04	1	3
LE-87 1S 6+00E	1	109	6	53	.1	46	25	335	4.48	2	5	ND	1	16	1	2	2	134	.39	.078	8	105	.92	118	.21	3	2.48	.04	.08	1	2
LE-87 2S 10+00W	1	16	11	48	.1	12	11	809	2.62	2	5	ND	2	41	1	2	2	69	.29	.074	6	25	.58	52	.18	2	1.29	.01	.03	1	1
LE-87 2S 9+50W	1	24	9	76	.1	10	11	569	3.21	4	5	ND	2	15	1	2	2	74	.21	.086	6	14	.53	93	.13	3	2.05	.01	.05	1	1
LE-87 2S 9+00W	1	26	6	67	.1	14	9	351	2.99	4	5	ND	1	13	1	2	3	74	.21	.059	5	15	.51	84	.16	2	2.19	.02	.05	1	1
LE-87 2S 8+50W	1	50	7	62	.1	21	14	686	3.29	2	5	ND	2	18	1	2	2	81	.22	.065	4	22	.92	125	.18	4	2.74	.02	.07	1	1
LE-87 2S 8+00W	1	28	6	61	.1	10	10	885	2.73	2	5	ND	2	18	1	2	2	62	.22	.090	5	14	.34	106	.10	3	1.73	.02	.08	1	2
LE-87 2S 7+50W	1	73	6	72	.1	19	14	453	3.37	2	5	ND	2	16	1	2	2	84	.22	.059	6	17	.92	132	.19	2	2.85	.02	.09	1	1
LE-87 2S 7+00W	1	47	3	64	.1	17	13	390	3.16	3	5	ND	2	15	1	2	2	74	.23	.108	8	18	.72	135	.14	3	2.56	.02	.08	1	1
LE-87 2S 6+50W	1	205	7	50	.2	18	18	1935	3.60	7	5	ND	2	29	1	2	2	82	.58	.046	13	33	.70	242	.16	4	2.78	.02	.07	1	1
LE-87 2S 6+00W	1	49	10	55	.1	12	12	1277	3.14	6	5	ND	1	24	1	2	2	70	.39	.051	7	18	.57	167	.09	2	2.03	.01	.07	1	1
LE-87 2S 5+50W	1	86	9	57	.3	12	15	1902	3.48	2	5	ND	1	35	1	2	2	73	.95	.088	14	23	.70	183	.10	2	2.62	.02	.06	1	1
STD C/AU-S	20	63	43	137	7.1	69	31	1042	3.98	40	17	8	35	51	17	15	19	66	.48	.108	37	59	.88	175	.09	37	1.71	.07	.16	13	49

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
LE-87 2S 5+00W	1	29	8	72	.1	19	9	349	3.92	4	5	ND	1	11	1	2	2	107	.24	.056	3	85	.38	56	.14	2	1.48	.02	.04	1	1
LE-87 2S 4+50W	1	59	2	83	.1	32	15	338	4.21	3	5	ND	1	12	1	2	3	124	.27	.042	3	81	.70	76	.22	2	2.01	.03	.05	1	1
LE-87 2S 4+00W	1	36	2	39	.2	14	11	585	3.42	2	5	ND	1	12	1	2	2	82	.20	.042	5	21	.42	77	.13	3	2.37	.02	.04	2	25
LE-87 2S 3+50W	1	54	2	52	.1	11	11	338	3.97	3	5	ND	1	14	1	2	2	108	.27	.045	3	21	.43	81	.15	2	2.13	.02	.04	3	1
LE-87 2S 3+25W	1	27	7	42	.1	10	6	388	3.64	5	5	ND	1	23	1	2	2	92	.51	.037	4	14	.21	78	.09	2	1.27	.01	.02	2	1
LE-87 2S 3+00W	1	37	4	70	.2	12	8	313	3.31	2	5	ND	1	11	1	2	2	80	.19	.079	4	18	.31	81	.10	3	2.14	.02	.03	1	1
LE-87 2S 2+75W	1	49	2	58	.3	10	12	532	3.44	4	5	ND	1	10	1	2	2	91	.21	.140	3	21	.26	65	.12	2	2.53	.02	.03	2	1
LE-87 2S 2+50W	1	77	5	70	.1	24	15	1022	4.20	2	5	ND	1	18	1	2	3	92	.35	.106	5	58	1.23	203	.17	2	2.91	.02	.06	1	1
LE-87 2S 2+25W	1	54	10	74	.1	16	17	658	4.94	10	5	ND	1	12	1	2	5	110	.17	.054	10	28	.52	90	.10	6	3.05	.01	.04	1	2
LE-87 2S 2+00W	1	86	7	80	.2	44	24	1157	5.53	12	5	ND	1	23	1	2	3	117	.35	.069	10	62	.93	165	.11	2	3.25	.02	.05	2	1
LE-87 2S 1+75W	2	99	3	59	.1	83	26	774	4.99	6	5	ND	1	30	1	2	3	111	.48	.060	6	171	1.44	142	.16	4	2.56	.02	.06	1	4
LE-87 2S 1+50W	1	86	3	50	.1	68	19	478	4.16	5	5	ND	1	29	1	2	2	102	.63	.104	6	139	1.59	88	.16	6	2.20	.05	.09	1	1
LE-87 2S 1+25W	2	112	4	48	.1	70	24	531	4.23	5	5	ND	1	25	1	2	6	104	.45	.061	7	152	1.30	115	.16	2	2.20	.03	.06	2	1
LE-87 2S 1+00W	2	111	7	54	.1	74	23	579	4.31	2	5	ND	1	25	1	2	2	106	.44	.065	6	145	1.28	125	.16	2	2.31	.03	.07	2	2
LE-87 2S 0+75W	1	113	3	62	.2	35	20	438	4.44	8	5	ND	1	16	1	2	2	118	.37	.065	6	55	.73	86	.17	4	3.11	.03	.05	1	1
LE-87 2S 0+50W	1	43	11	83	.1	20	16	1316	4.09	5	5	ND	1	18	1	2	2	120	.41	.061	5	48	.56	111	.20	2	1.69	.02	.06	1	1
LE-87 2S 0+25W	1	52	9	103	.1	38	20	980	4.37	5	5	ND	1	14	1	2	3	109	.28	.073	4	59	.84	109	.19	5	2.04	.02	.05	1	1
LE-87 2S 0+00W	1	61	11	96	.2	34	18	609	4.59	7	5	ND	1	14	1	2	2	116	.29	.088	5	58	.78	92	.20	2	2.14	.03	.05	1	1
LE-87 2S 0+25E	1	73	20	110	.1	34	25	3162	4.71	6	5	ND	1	19	1	2	2	117	.34	.138	5	53	.68	218	.18	2	2.55	.02	.06	1	1
LE-87 2S 0+50E	1	110	7	68	.1	35	20	641	4.20	3	5	ND	1	12	1	2	2	122	.27	.096	5	60	.73	87	.18	2	2.85	.03	.06	1	1
LE-87 2S 0+75E	1	69	5	58	.2	19	12	340	4.15	5	5	ND	1	11	1	2	2	128	.25	.085	4	50	.50	86	.18	4	2.16	.02	.04	1	1
LE-87 2S 1+00E	1	77	6	93	.1	23	14	703	4.18	5	5	ND	1	11	1	2	2	121	.25	.087	4	48	.55	101	.22	2	2.41	.02	.05	1	1
LE-87 2S 1+25E	1	76	6	50	.1	24	13	463	3.89	3	5	ND	1	11	1	2	2	120	.27	.075	4	72	.55	71	.18	2	2.06	.03	.05	1	1
LE-87 2S 1+50E	1	22	9	58	.1	11	8	531	3.01	3	5	ND	1	13	1	2	2	94	.32	.050	4	43	.36	92	.18	2	1.17	.02	.03	1	1
LE-87 2S 1+75E	1	51	8	77	.1	15	11	391	4.56	3	5	ND	1	11	1	2	2	135	.24	.055	5	39	.66	82	.25	2	2.34	.03	.05	1	3
LE-87 2S 2+00E	1	68	12	76	.1	24	13	699	4.27	5	5	ND	1	10	1	2	2	131	.26	.094	3	64	.50	85	.18	2	2.29	.03	.04	1	1
LE-87 2S 2+25E	1	34	7	78	.1	16	11	324	4.25	4	5	ND	1	12	1	2	2	123	.26	.055	4	58	.48	76	.19	2	1.76	.03	.04	1	2
LE-87 2S 2+50E	1	32	8	67	.1	19	12	418	4.11	2	5	ND	1	12	1	2	2	128	.28	.036	4	65	.51	77	.19	2	1.57	.03	.04	1	1
LE-87 2S 3+00E	1	34	12	93	.1	24	20	999	5.63	3	5	ND	1	15	1	2	2	134	.31	.047	3	54	.60	107	.20	2	2.08	.02	.06		
LE-87 2S 3+50E	1	29	8	44	.1	23	10	243	3.85	3	5	ND	1	12	1	2	2	132	.25	.030	4	76	.43	77	.21	2	1.36	.02	.03	1	1
LE-87 2S 4+00E	1	63	17	152	.2	23	29	2078	3.44	5	5	ND	1	32	1	2	2	67	.67	.066	8	47	.35	101	.11	5	2.44	.02	.05	1	1
LE-87 2S 4+50E	1	42	13	80	.2	24	16	593	3.34	4	5	ND	1	13	1	2	2	106	.31	.034	4	72	.57	77	.21	4	1.63	.03	.05	1	1
LE-87 2S 5+00E	1	25	4	75	.1	27	11	229	4.73	3	5	ND	1	9	1	2	2	131	.21	.054	3	81	.61	57	.22	3	1.77	.02	.02	1	1
LE-87 2S 5+50E	1	87	12	105	.1	37	23	367	6.25	12	5	ND	2	9	1	2	2	128	.20	.097	5	89	.55	74	.23	3	3.25	.02	.05	1	1
LE-87 2S 6+00E	1	92	7	115	.2	32	24	573	4.81	16	5	ND	1	11	1	2	3	124	.26	.082	5	64	.70	67	.23	2	2.53	.02	.06	1	1
LE-87 2S 6+50E	1	39	9	83	.2	17	11	377	3.95	5	5	ND	1	11	1	2	2	104	.23	.101	4	76	.28	54	.20	2	1.57	.02	.03	1	1
STD C/AU-S	21	61	39	138	7.1	68	30	1040	3.96	40	17	8	35	51	17	16	19	66	.48	.105	37	61	.89	178	.09	37	1.72	.07	.16	12	50

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
LE-87 2S 7+00E	1	39	8	49	.1	26	11	268	4.34	2	5	ND	1	11	1	2	2	125	.24	.064	2	107	.42	53	.18	2	1.64	.02	.02	1	1
LE-87 2S 7+50E	1	29	7	53	.1	25	9	202	3.89	3	5	ND	1	12	1	2	2	123	.29	.060	3	135	.44	52	.17	3	1.20	.02	.03	1	5
LE-87 3S 10+00W	1	43	7	69	.1	15	14	866	3.47	2	5	ND	2	15	1	2	2	89	.20	.069	6	20	.86	120	.18	3	2.52	.01	.08	1	1
LE-87 3S 9+50W	1	41	9	66	.1	13	13	555	3.48	2	5	ND	2	12	1	2	2	81	.16	.062	5	16	.61	115	.17	4	2.77	.01	.06	1	2
LE-87 3S 9+00W	1	11	7	49	.1	7	6	423	2.69	3	5	ND	1	19	1	2	2	64	.19	.100	4	12	.31	61	.10	2	1.63	.01	.04	2	1
LE-87 3S 8+50W	1	59	8	61	.1	16	13	383	3.17	2	5	ND	1	19	1	2	2	65	.16	.068	4	26	.75	77	.09	2	2.50	.01	.04	1	1
LE-87 3S 8+00W	1	6	6	33	.1	9	4	197	1.87	2	5	ND	1	12	1	2	3	28	.08	.020	3	9	.37	37	.03	3	.97	.01	.03	1	1
LE-87 3S 7+50W	1	45	8	73	.1	16	9	1946	1.69	8	5	ND	1	15	1	2	2	19	.40	.167	10	6	.74	96	.03	2	1.10	.01	.04	1	1
LE-87 3S 7+00W	1	19	10	99	.1	9	10	1472	2.56	2	5	ND	1	14	1	2	2	48	.17	.227	4	14	.57	211	.04	2	2.19	.01	.07	1	1
LE-87 3S 6+50W	1	17	4	61	.2	8	8	311	3.19	2	5	ND	1	9	1	2	2	66	.12	.064	4	15	.75	93	.04	2	1.96	.01	.04	1	7
LE-87 3S 6+00W	1	51	6	46	.1	14	12	663	4.28	3	5	ND	3	21	1	2	2	98	.41	.045	10	22	.60	118	.14	4	2.86	.01	.05	2	11
LE-87 3S 5+50W	1	51	4	42	.1	12	6	431	1.49	2	5	ND	1	57	1	2	2	34	2.37	.045	5	14	.33	109	.03	2	1.15	.01	.03	2	4
LE-87 3S 5+00W	1	35	6	44	.1	12	11	696	3.89	5	5	ND	2	11	1	2	2	88	.19	.045	5	23	.41	59	.13	4	2.61	.01	.04	2	1
LE-87 3S 4+75W	1	67	12	58	.1	13	16	896	3.77	6	5	ND	2	17	1	2	2	84	.40	.065	11	22	.64	97	.13	2	3.14	.02	.05	1	1
LE-87 3S 4+50W	1	40	14	59	.1	10	12	1180	4.04	3	5	ND	1	9	1	2	2	100	.12	.070	6	18	.43	91	.12	6	2.23	.01	.03	1	1
LE-87 3S 4+25W	1	73	7	59	.1	11	14	643	3.58	3	5	ND	2	25	1	2	2	91	.57	.078	7	19	.88	149	.14	7	2.16	.03	.11	1	1
LE-87 3S 4+00W	1	68	12	76	.1	13	15	859	3.97	4	5	ND	1	28	1	2	2	100	.67	.096	8	22	.83	158	.12	3	2.23	.03	.10	1	2
LE-87 3S 3+75W	1	57	8	52	.1	11	11	438	3.19	3	5	ND	1	13	1	2	2	83	.28	.085	6	19	.56	81	.11	6	2.42	.02	.06	2	1
LE-87 3S 3+50W	1	68	17	66	.2	16	11	452	3.27	3	5	ND	1	18	1	2	2	87	.40	.059	6	26	.54	87	.11	2	2.04	.02	.05	1	3
LE-87 3S 3+25W	1	40	8	48	.1	17	9	329	3.74	2	5	ND	1	21	1	2	2	90	.46	.046	7	36	.45	94	.14	2	2.35	.01	.03	1	2
LE-87 3S 3+00W	1	90	8	51	.1	62	17	279	2.95	2	5	ND	1	23	1	2	2	80	.48	.059	6	131	1.15	106	.14	3	2.03	.03	.04	1	3
LE-87 3S 2+75W	2	108	12	55	.1	72	23	548	4.18	4	5	ND	1	30	1	2	2	103	.53	.064	7	151	1.31	134	.15	2	2.23	.03	.06	1	55
LE-87 3S 2+50W	2	107	5	54	.1	75	25	541	4.46	5	5	ND	1	22	1	2	2	110	.42	.063	7	165	1.30	111	.15	7	2.23	.03	.06	1	1
LE-87 3S 2+25W	2	117	6	54	.1	69	25	506	4.50	7	5	ND	2	30	1	2	2	108	.57	.069	6	154	1.38	118	.16	2	2.11	.03	.08	1	1
LE-87 3S 2+00W	3	117	6	52	.1	70	27	482	5.19	3	5	ND	1	28	1	2	2	137	.53	.067	6	184	1.35	124	.18	2	2.09	.03	.08	1	3
LE-87 3S 1+75W	2	117	4	49	.1	76	25	526	4.31	3	5	ND	1	23	1	2	2	105	.44	.066	7	161	1.34	113	.16	2	2.21	.03	.06	2	1
LE-87 3S 1+50W	2	105	3	55	.1	77	27	735	4.47	4	5	ND	1	22	1	2	2	99	.43	.053	6	163	1.44	102	.15	3	2.31	.03	.04	1	1
LE-87 3S 1+25W	2	70	16	138	.1	28	28	2660	5.56	8	5	ND	1	20	1	2	2	116	.32	.086	5	40	.87	159	.18	6	3.02	.03	.05	1	3
LE-87 3S 1+00W	2	65	19	116	.1	20	23	2961	5.08	7	5	ND	1	18	1	2	2	113	.33	.064	5	33	.72	183	.22	5	2.37	.02	.04	1	1
LE-87 3S 0+75W	1	67	15	120	.1	17	23	1790	5.81	7	5	ND	1	17	1	2	2	127	.25	.068	5	32	.63	155	.18	2	2.48	.02	.04	1	1
LE-87 3S 0+50W	1	57	7	61	.2	17	12	464	3.75	2	5	ND	1	12	1	2	2	112	.28	.055	4	43	.45	66	.15	3	1.83	.02	.04	1	1
LE-87 3S 0+25W	1	48	12	136	.1	22	16	880	4.16	3	5	ND	1	18	1	2	2	106	.32	.106	4	43	.65	147	.17	2	2.07	.02	.05	1	1
LE-87 3S 0+00W	1	63	11	79	.2	25	18	766	4.38	4	5	ND	1	11	1	2	2	108	.22	.051	5	42	.57	110	.22	3	2.72	.02	.04	1	1
LE-87 3S 0+25E	1	73	13	68	.1	23	15	547	4.47	4	5	ND	1	13	1	2	2	125	.27	.043	4	49	.64	91	.20	2	2.12	.02	.05	1	1
LE-87 3S 0+50E	1	68	14	95	.1	32	18	1011	4.17	6	5	ND	1	17	1	2	2	109	.35	.051	4	53	.75	198	.19	5	2.32	.03	.05	1	1
LE-87 3S 0+75E	1	107	14	86	.1	51	21	970	4.61	4	5	ND	2	13	1	2	2	120	.29	.071	5	72	1.05	133	.23	2	3.09	.03	.05	1	1
STD C/AU-S	20	58	42	135	6.9	66	30	1018	3.94	41	17	8	34	50	17	16	19	65	.48	.105	36	60	.88	188	.09	37	1.72	.07	.16	13	53

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
LE-87 3S 1+00E	1	109	11	77	.1	46	22	501	4.72	3	5	ND	1	12	1	2	2	126	.30	.047	5	67	.83	86	.23	4	2.83	.02	.05	1	27
LE-87 3S 1+25E	1	118	11	99	.2	52	33	1212	4.70	6	5	ND	1	20	1	2	2	112	.51	.066	8	57	.83	98	.21	3	3.05	.04	.06	1	5
LE-87 3S 1+50E	1	74	9	58	.1	33	13	314	4.20	7	5	ND	1	11	1	2	2	116	.25	.053	3	69	.71	60	.19	2	2.25	.02	.03	1	1
LE-87 3S 1+75E	1	82	10	127	.1	34	19	413	4.06	2	5	ND	1	13	1	2	2	98	.28	.102	5	50	.76	111	.18	2	2.17	.02	.06	1	1
LE-87 3S 2+00E	1	86	10	118	.1	23	19	1114	4.24	4	5	ND	1	12	1	2	2	89	.24	.101	5	46	.56	105	.17	2	1.93	.02	.05	1	2
LE-87 3S 2+25E	4	157	26	239	.1	22	40	5916	5.91	6	5	ND	1	29	1	2	3	110	.44	.224	5	22	.97	315	.19	3	2.60	.04	.11	1	1
LE-87 3S 2+50E	2	90	22	76	.1	27	24	970	5.88	4	5	ND	1	20	1	2	2	155	.36	.043	5	44	.90	115	.29	2	2.84	.02	.07	1	1
LE-87 3S 3+00E	1	74	58	195	.1	28	25	7708	3.70	9	5	ND	1	40	1	2	2	78	.58	.199	6	56	.43	377	.11	2	1.86	.02	.07	1	1
LE-87 3S 3+50E	1	57	8	62	.1	40	16	375	4.75	4	5	ND	1	11	1	2	2	131	.27	.033	5	101	.82	80	.23	3	2.54	.03	.04	1	4
LE-87 3S 4+00E	1	63	6	89	.1	32	21	866	4.74	4	5	ND	1	11	1	2	2	120	.20	.035	6	68	.88	92	.24	2	2.84	.02	.05	1	3
LE-87 3S 4+50E	5	113	18	214	.3	36	55	1080	9.09	14	5	ND	1	10	1	2	2	136	.27	.298	8	63	.64	58	.20	4	2.51	.02	.03	1	1
LE-87 3S 5+00E	1	55	19	147	.1	26	33	3374	4.64	9	5	ND	1	14	1	2	2	101	.33	.150	7	82	.60	162	.17	6	1.88	.02	.08	1	3
LE-87 3S 5+50E	1	61	15	106	.2	32	17	451	6.30	14	5	ND	1	12	1	2	2	150	.26	.082	3	78	.82	69	.24	2	2.98	.02	.05	1	2
LE-87 3S 6+00E	1	97	12	71	.1	22	16	477	4.58	34	5	ND	1	9	1	2	2	121	.20	.139	5	71	.54	57	.14	2	2.71	.02	.04	1	210
LE-87 3S 6+50E	1	46	6	76	.1	22	12	288	5.14	10	5	ND	1	8	1	2	2	136	.20	.070	3	105	.41	38	.19	4	2.11	.02	.05	1	9
LE-87 3S 7+00E	1	188	8	81	.1	61	22	277	5.01	3	5	ND	1	11	1	2	2	146	.31	.060	3	115	1.06	54	.22	7	2.74	.03	.04	1	1
LE-87 3S 7+50E	1	103	7	91	.1	77	24	442	4.97	6	5	ND	1	12	1	2	2	138	.31	.075	4	173	1.13	70	.22	2	2.55	.03	.05	1	1
LE-87 3S 8+00E	1	113	17	74	.1	29	23	544	4.26	6	5	ND	1	13	1	2	2	130	.33	.086	5	57	.56	97	.20	2	2.15	.03	.06	1	2
LE-87 3S 8+50E	1	79	6	55	.1	21	14	500	3.71	2	5	ND	1	11	1	2	2	129	.32	.081	3	43	.35	95	.16	2	1.80	.02	.03	1	1
LE-87 4S 8+00W	1	61	7	75	.1	17	14	875	2.99	2	5	ND	2	23	1	2	2	60	.16	.082	6	25	1.03	108	.08	7	2.30	.01	.04	1	12
LE-87 4S 7+50W	1	137	12	88	.1	27	17	1337	3.75	3	5	ND	1	15	1	2	2	82	.14	.133	6	41	1.38	115	.05	2	2.66	.01	.04	1	8
LE-87 4S 7+00W	1	45	7	83	.1	14	12	813	3.42	5	5	ND	1	13	1	2	2	65	.17	.283	4	19	.90	130	.06	2	2.55	.01	.06	1	4
LE-87 4S 6+50W	1	9	2	43	.1	7	5	178	1.52	2	5	ND	1	9	1	2	4	20	.14	.032	3	6	.52	54	.01	2	.84	.01	.02	1	3
LE-87 4S 6+00W	1	24	8	87	.2	9	10	667	4.01	2	5	ND	1	12	1	2	2	84	.19	.094	4	19	.42	106	.11	3	1.84	.01	.04	1	2
LE-87 4S 5+50W	1	95	9	103	.2	18	13	770	3.57	4	5	ND	2	23	1	2	2	72	.43	.106	7	26	.75	131	.11	2	3.42	.02	.06	1	1
LE-87 4S 5+00W	1	140	12	105	.4	14	17	3671	3.64	4	5	ND	1	33	1	2	2	67	.77	.074	12	30	.82	222	.10	2	2.88	.02	.05	1	2
LE-87 4S 4+75W	1	58	7	65	.3	15	14	618	3.91	9	5	ND	2	31	1	2	3	80	.90	.065	9	27	.68	133	.12	3	3.69	.01	.05	1	1
LE-87 4S 4+50W	1	50	12	67	.1	18	11	472	3.56	4	5	ND	1	27	1	2	2	82	.72	.050	7	24	.74	108	.11	5	2.47	.01	.04	1	126
LE-87 4S 4+25W	2	87	7	59	.2	61	20	914	3.66	4	5	ND	1	26	1	2	2	85	.66	.054	7	123	1.18	99	.12	3	2.08	.02	.04	1	2
LE-87 4S 4+00W	3	88	8	61	.2	74	18	364	4.31	5	5	ND	1	20	1	2	2	97	.38	.038	6	147	1.41	101	.15	5	2.27	.02	.03	1	8
LE-87 4S 3+75W	2	101	9	66	.1	72	21	443	3.79	4	5	ND	1	30	1	2	2	92	.60	.064	7	146	1.33	126	.14	2	2.30	.03	.05	1	54
LE-87 4S 3+50W	3	121	7	67	.1	94	30	537	5.17	7	5	ND	2	23	1	2	5	107	.42	.048	7	154	1.54	130	.17	2	2.89	.03	.04	1	3
LE-87 4S 3+25W	3	117	7	57	.1	78	26	535	5.07	4	5	ND	1	23	1	2	2	118	.42	.059	7	186	1.48	110	.17	3	2.28	.03	.06	1	2
LE-87 4S 3+00W	4	121	6	64	.3	94	30	499	4.90	7	5	ND	1	24	1	2	5	107	.45	.048	7	184	1.64	132	.17	2	2.57	.03	.05	1	1
LE-87 4S 2+75W	3	120	10	68	.2	75	29	906	4.54	3	5	ND	1	25	1	2	2	100	.44	.056	9	139	1.40	151	.14	2	2.57	.03	.04	1	1
LE-87 4S 2+50W	4	123	10	63	.3	94	28	521	4.79	4	5	ND	1	19	1	2	2	107	.34	.045	8	192	1.72	109	.17	2	2.70	.03	.04	1	18
STD C/AU-S	20	59	39	133	6.8	66	29	1003	3.94	39	16	8	33	49	16	15	18	63	.48	.101	36	59	.88	185	.09	34	1.71	.07	.14	13	49

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
LE-87 4S 2+25W	1	137	10	97	.2	47	27	783	5.21	4	5	ND	1	17	1	2	2	131	.38	.061	10	63	1.16	98	.18	5	3.22	.02	.06	1	9
LE-87 4S 2+00W	1	66	11	99	.1	16	14	508	5.17	5	5	ND	1	16	1	2	2	119	.26	.077	3	36	.59	71	.14	7	3.29	.02	.03	1	4
LE-87 4S 1+75W	2	60	13	118	.1	21	20	2294	4.61	2	5	ND	1	16	1	2	2	116	.35	.049	4	37	.77	94	.15	2	2.22	.02	.03	1	2
LE-87 4S 1+50W	1	79	2	94	.1	22	18	532	4.46	2	5	ND	1	13	1	2	2	121	.28	.063	4	35	.69	67	.15	2	2.79	.02	.04	1	1
LE-87 4S 1+25W	1	95	2	65	.2	17	14	515	3.45	3	5	ND	1	15	1	2	2	105	.28	.052	5	38	.48	116	.14	4	2.06	.02	.05	1	5
LE-87 4S 1+00W	1	106	5	48	.3	21	13	367	3.23	2	5	ND	2	15	1	2	2	98	.36	.049	10	33	.58	139	.17	5	2.54	.03	.07	1	1
LE-87 4S 0+00W	2	105	31	185	.1	33	56	1342	8.00	13	5	ND	1	16	1	2	2	137	.25	.121	4	29	.93	54	.15	2	3.76	.02	.05	1	3
LE-87 12S 4+00W	1	64	2	51	.2	12	15	386	5.09	9	5	ND	2	8	1	2	2	116	.14	.725	4	76	.34	37	.12	4	7.51	.01	.03	1	2
LE-87 12S 3+50W	1	32	6	74	.1	40	37	2817	4.36	2	5	ND	1	22	1	2	2	111	.24	.071	3	122	2.16	64	.23	3	2.39	.01	.02	1	2
LE-87 12S 3+00W	1	36	6	70	.1	19	21	3486	4.33	2	5	ND	1	18	1	2	2	82	.21	.175	3	45	.98	81	.13	2	2.53	.01	.04	1	18
LE-87 12S 2+50W	1	35	24	64	.1	13	11	3592	3.29	2	5	ND	1	29	1	2	2	68	.27	.177	4	33	.52	124	.11	2	1.82	.02	.13	1	7
LE-87 12S 2+00W	1	11	5	28	.2	8	6	298	2.18	2	5	ND	1	23	1	2	2	54	.17	.050	3	20	.39	28	.07	3	1.21	.01	.02	1	1
LE-87 12S 1+50W	1	70	11	90	.4	25	21	818	3.84	2	5	ND	2	10	1	2	3	74	.17	.186	5	59	.51	89	.10	2	4.23	.02	.04	1	12
LE-87 12S 1+00W	1	73	5	55	.1	32	16	331	4.54	4	5	ND	1	9	1	2	2	122	.21	.105	3	89	.78	69	.19	4	2.85	.02	.04	1	19
LE-87 12S 0+50W	2	100	26	120	.2	30	23	2912	5.38	6	5	ND	1	20	1	2	2	76	.33	.115	6	34	1.09	105	.08	3	2.91	.02	.06	1	48
LE-87 12S 0+00W	1	55	11	64	.1	7	17	1934	7.06	7	5	ND	1	21	1	2	2	60	.14	.082	3	18	.34	98	.02	2	1.88	.01	.03	1	16
LE-87 12S 0+25E	1	105	15	99	.2	36	22	875	6.70	13	5	ND	1	13	1	2	2	110	.17	.107	3	70	.75	69	.16	2	3.21	.02	.04	1	1
LE-87 12S 0+25E (A)	3	89	8	151	.1	16	52	4779	12.36	9	5	ND	2	12	1	2	5	57	.08	.122	3	13	.76	62	.05	2	3.27	.01	.03	1	1
LE-87 12S 0+50E	4	113	11	327	.3	70	25	6079	4.90	4	14	ND	2	15	1	2	2	97	.20	.120	11	89	.83	116	.21	2	4.22	.02	.04	1	13
LE-87 12S 0+75E	19	146	20	93	.5	31	23	5273	6.55	17	13	ND	2	40	1	2	3	84	.26	.145	10	34	1.58	81	.10	3	4.36	.01	.02	1	9
LE-87 12S 1+00E	1	89	14	137	.8	20	53	2274	9.29	8	5	ND	2	34	1	8	2	115	.21	.073	4	21	.63	143	.15	2	4.91	.01	.04	1	31
LE-87 12S 1+25E	1	70	24	83	.2	14	28	2652	5.03	7	5	ND	1	41	1	2	2	111	.41	.110	4	24	.58	81	.10	2	4.06	.02	.04	1	2
LE-87 12S 1+50E	1	73	18	74	.1	30	15	1414	5.57	7	5	ND	1	11	1	2	2	140	.19	.089	4	66	.81	72	.18	2	2.97	.02	.04	1	1
LE-87 12S 2+00E	6	123	15	145	.2	20	37	2491	8.24	4	5	ND	2	25	1	2	2	107	.16	.103	3	22	.51	144	.12	5	4.40	.01	.05	1	3
LE-87 12S 2+50E	1	121	12	68	.2	29	24	1467	4.09	2	5	ND	1	20	1	2	2	99	.31	.093	4	31	.59	228	.13	2	2.99	.01	.04	1	9
LE-87 12S 4+00E	1	78	10	52	.1	17	10	256	5.58	3	5	ND	2	9	1	2	2	159	.24	.199	4	33	.43	51	.18	2	2.66	.02	.03	1	2
LE-87 12S 4+50E	1	257	2	72	.2	17	16	395	4.41	2	5	ND	1	11	1	2	2	117	.23	.161	8	19	.36	126	.15	2	4.08	.02	.03	1	6
LE-87 12S 5+00E	1	22	10	32	.1	12	6	207	3.89	3	5	ND	1	11	1	2	2	147	.27	.069	3	24	.27	55	.21	2	.97	.01	.03	1	1
LE-87 12S 5+50E	1	25	10	33	.1	19	6	249	3.38	2	5	ND	1	10	1	2	2	143	.22	.042	4	24	.41	65	.23	5	1.14	.02	.04	1	10
LE-87 12S 6+00E	1	66	10	47	.1	32	10	263	6.43	2	5	ND	1	7	1	2	2	173	.15	.111	6	48	.58	81	.26	2	3.83	.02	.05	1	1
LE-87 13S 5+00W	1	24	5	63	.1	25	19	1066	3.61	2	5	ND	1	52	1	2	2	96	.44	.075	5	63	1.50	74	.25	2	1.83	.01	.03	1	2
LE-87 13S 4+50W	1	9	7	36	.1	12	7	401	2.02	2	5	ND	1	48	1	2	2	71	.40	.025	6	48	.66	49	.25	3	.94	.01	.02	1	2
LE-87 13S 4+00W	1	54	15	61	.3	29	20	840	3.63	3	5	ND	1	28	1	2	2	97	.56	.052	6	53	.74	107	.18	2	2.34	.02	.05	1	2
LE-87 13S 3+50W	1	48	10	119	.1	27	27	3063	5.55	2	5	ND	1	35	1	2	2	137	.56	.078	4	55	1.83	163	.22	4	2.57	.01	.05	1	3
LE-87 13S 3+00W	1	38	7	76	.1	17	11	2936	4.07	2	5	ND	1	12	1	2	2	100	.23	.347	3	43	.56	89	.13	2	2.53	.02	.05	1	1
LE-87 13S 2+50W	1	47	7	43	.1	11	7	245	4.29	2	5	ND	1	8	1	2	2	105	.14	.131	3	50	.30	33	.15	2	3.09	.01	.03	1	1
STD C/AU-S	21	61	39	136	6.9	68	29	1036	3.95	37	19	7	34	51	17	16	19	66	.48	.102	37	59	.88	191	.09	38	1.71	.07	.15	12	54

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
LE-87 13S 2+00W	1	30	2	49	.2	15	9	304	3.31	5	5	ND	1	11	1	2	2	91	.24	.064	4	42	.54	55	.15	3	1.82	.02	.03	1	3
LE-87 13S 1+50W	1	78	7	75	.3	31	15	416	4.30	6	5	ND	1	15	1	2	2	101	.22	.075	4	71	.94	82	.16	5	3.22	.02	.04	1	1
LE-87 13S 1+00W	1	61	7	56	.1	22	10	759	4.07	10	5	ND	2	10	1	2	3	92	.19	.185	5	61	.72	57	.12	5	3.97	.02	.05	1	1
LE-87 13S 0+50W	1	10	7	66	.1	16	8	173	3.16	2	5	ND	1	13	1	2	2	69	.24	.021	3	53	1.07	46	.03	6	1.63	.01	.03	1	18
LE-87 13S 0+00W	1	29	9	97	.3	24	12	1265	3.90	4	5	ND	1	16	1	2	2	96	.41	.062	4	70	.72	65	.16	6	1.55	.02	.04	1	1
LE-87 13S 0+25E	1	59	11	108	.2	34	18	1095	5.21	13	5	ND	1	11	1	2	2	100	.22	.057	4	86	.71	83	.12	4	2.42	.02	.05	1	1
LE-87 13S 0+50E	5	103	21	197	.3	19	51	2856	11.00	35	5	ND	1	23	1	2	4	66	.11	.142	3	14	1.20	74	.05	17	3.86	.01	.03	1	3
LE-87 13S 0+75E	14	46	20	111	.5	7	11	855	9.34	54	5	ND	1	18	1	2	3	65	.13	.100	3	12	.59	95	.02	9	1.89	.01	.03	1	1
LE-87 13S 1+00E	7	172	13	186	.8	61	30	1832	4.94	7	5	ND	2	10	1	2	2	91	.23	.048	8	87	.74	117	.22	5	3.38	.02	.04	1	2
LE-87 13S 1+25E	1	114	13	118	.4	47	20	1427	4.70	8	5	ND	1	25	1	2	2	101	.46	.101	5	70	1.03	125	.14	2	3.25	.03	.06	1	1
LE-87 13S 1+50E	1	37	20	89	.2	22	10	874	4.09	8	5	ND	1	11	1	2	2	109	.25	.056	4	60	.45	72	.14	4	1.70	.02	.04	1	3
LE-87 13S 2+00E	2	80	16	125	.3	17	30	2132	8.23	10	5	ND	1	18	1	2	4	61	.19	.113	4	14	.40	179	.11	6	4.77	.01	.03	1	2
LE-87 13S 2+50E	1	160	7	77	.2	31	14	321	5.14	9	5	ND	1	10	1	3	3	135	.23	.116	4	52	.60	66	.18	3	5.18	.02	.04	2	1
LE-87 13S 3+00E	2	327	16	209	.4	32	111	3119	3.92	6	5	ND	1	9	1	2	5	99	.26	.144	8	48	.47	95	.14	5	4.69	.02	.07	1	2
LE-87 13S 3+50E	1	27	11	47	.1	10	7	308	4.00	3	5	ND	1	10	1	2	2	169	.25	.066	4	38	.24	33	.24	2	.98	.02	.05	1	2
LE-87 13S 4+00E	1	112	7	89	.3	28	17	1078	4.67	5	5	ND	1	18	1	2	3	152	.43	.089	6	32	.77	176	.23	7	2.49	.02	.07	1	3
LE-87 13S 4+50E	1	44	15	80	.4	19	7	384	4.83	7	5	ND	1	12	1	2	2	163	.33	.094	4	29	.47	76	.24	5	1.95	.02	.06	1	56
LE-87 13S 5+00E	3	19	8	45	.3	18	7	263	4.52	3	5	ND	1	10	1	2	2	172	.24	.054	4	37	.50	48	.35	6	1.23	.02	.03	1	4
LE-87 14S 3+00W	1	10	8	36	.1	20	7	215	2.17	2	5	ND	1	22	1	2	2	94	.22	.029	3	36	.70	36	.19	2	1.42	.01	.04	1	1
LE-87 14S 2+50W	1	8	6	32	.1	10	6	186	2.74	2	5	ND	1	27	1	2	2	94	.19	.028	3	46	.42	14	.17	2	1.01	.01	.02	1	1
LE-87 14S 2+00W	1	11	4	25	.1	6	8	187	1.94	2	5	ND	1	13	1	2	2	57	.14	.040	6	23	.24	40	.12	2	1.01	.01	.02	1	1
LE-87 14S 1+50W	1	21	17	55	.3	35	12	371	4.32	3	5	ND	1	18	1	2	3	105	.16	.036	3	86	1.21	27	.15	2	1.89	.01	.02	1	1
LE-87 14S 1+00W	1	44	5	43	.1	20	10	231	3.32	2	5	ND	1	12	1	2	2	84	.24	.051	8	50	.67	64	.12	2	2.32	.02	.04	1	1
LE-87 14S 0+50W	1	28	8	57	.1	13	7	224	5.07	4	5	ND	2	7	1	2	2	109	.13	.083	4	71	.50	46	.12	2	3.38	.01	.03	1	2
LE-87 14S 0+00W	1	7	7	91	.1	13	13	1042	3.71	4	5	ND	1	42	1	2	2	53	.19	.056	3	9	1.28	89	.05	4	2.17	.01	.06	1	2
LE-87 14S 0+25E	3	89	15	107	.4	38	24	2785	5.09	6	5	ND	1	21	1	2	2	94	.40	.057	9	66	.81	181	.12	2	2.33	.02	.04	1	2
LE-87 14S 0+50E	1	9	12	74	.2	12	7	367	3.15	6	5	ND	1	21	1	2	2	77	.26	.035	4	41	.36	62	.11	3	1.11	.01	.03	1	3
LE-87 14S 0+75E	4	93	15	96	.5	29	23	2724	4.66	5	5	ND	1	29	1	2	2	76	.65	.040	15	51	.59	191	.10	2	2.12	.02	.03	1	4
LE-87 14S 1+00E	1	74	13	109	.3	42	19	761	5.57	10	5	ND	1	15	1	2	2	119	.33	.037	6	92	.74	125	.19	6	2.49	.02	.03	1	1
LE-87 14S 1+25E	8	135	17	116	.4	36	24	2252	6.44	18	5	ND	1	37	1	2	2	94	.35	.092	6	49	1.04	129	.11	5	3.28	.02	.04	1	10
LE-87 14S 1+50E	1	52	10	159	.4	31	33	1415	7.29	4	5	ND	1	13	1	2	2	106	.21	.080	5	62	.61	172	.11	2	2.76	.02	.03	1	1
LE-87 14S 1+75E	8	154	20	174	1.9	66	31	4238	4.74	15	13	ND	1	49	2	2	2	79	.93	.095	14	58	.86	303	.09	2	3.15	.02	.07	1	4
LE-87 14S 2+00E	8	52	8	119	.5	26	15	602	7.28	15	5	ND	1	29	1	2	2	122	.19	.064	4	59	.98	73	.10	2	3.32	.01	.03	1	1
LE-87 14S 2+25E	1	34	13	125	.2	31	25	1136	6.56	7	5	ND	1	13	1	2	2	119	.21	.069	6	87	.82	146	.09	3	2.56	.01	.05	1	2
LE-87 14S 2+50E	1	28	11	64	.3	17	9	375	5.10	5	5	ND	1	14	1	2	2	137	.35	.036	4	73	.41	87	.19	5	1.56	.02	.04	1	1
LE-87 14S 3+00E	1	82	12	77	.3	35	16	619	6.76	5	5	ND	1	18	1	2	2	179	.43	.043	4	67	.88	133	.30	4	2.43	.02	.04	1	7
STD C/AU-S	20	59	38	132	6.9	66	28	999	3.96	38	18	7	33	49	16	15	21	63	.48	.097	36	58	.88	184	.09	37	1.72	.07	.15	14	52

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
LE-87 15S 3+00W	1	105	11	60	.3	33	19	476	5.17	8	5	ND	2	23	1	2	2	136	.32	.083	7	98	1.22	62	.26	5	3.87	.02	.06	1	1
LE-87 15S 2+50W	1	30	17	78	.1	18	15	1666	4.96	11	5	ND	1	28	1	2	2	108	.28	.238	5	78	.85	63	.21	4	2.46	.02	.04	1	2
LE-87 15S 2+00W	1	76	9	78	.3	23	18	531	5.09	9	5	ND	2	25	1	2	4	118	.28	.108	5	67	1.10	65	.24	2	3.94	.02	.05	1	1
LE-87 15S 1+50W	1	24	11	60	.2	27	10	283	3.86	3	5	ND	1	27	1	2	2	97	.24	.041	5	52	.73	55	.18	4	2.03	.01	.03	1	1
LE-87 15S 1+00W	1	46	9	71	.1	24	15	378	4.53	5	5	ND	1	24	1	2	2	102	.20	.093	4	79	1.87	53	.21	3	2.83	.01	.06	1	48
LE-87 15S 0+50W	1	6	2	50	.1	9	9	314	2.89	3	5	ND	1	28	1	2	2	60	.43	.011	6	34	1.12	103	.16	2	1.40	.01	.04	1	2
LE-87 15S 0+00W	1	4	8	42	.2	6	5	155	1.83	2	5	ND	1	11	1	2	2	48	.20	.015	4	18	.59	50	.07	4	1.79	.01	.05	2	1
LE-87 15S 0+25E	1	30	13	105	.4	30	12	510	5.09	4	5	ND	2	19	1	2	2	87	.20	.098	5	51	.62	75	.13	2	3.00	.02	.06	1	1
LE-87 15S 0+75E	1	14	12	65	.2	8	6	450	3.69	6	5	ND	1	11	1	2	3	78	.14	.041	3	37	.62	45	.06	2	1.45	.01	.03	1	6
LE-87 15S 1+00E	1	111	22	99	.4	40	23	1838	4.54	8	5	ND	2	17	1	2	2	102	.34	.047	6	80	.75	120	.18	2	2.72	.03	.04	1	1
LE-87 15S 1+25E	1	32	8	82	.2	17	9	411	4.29	2	5	ND	1	11	1	2	2	98	.21	.043	4	62	.58	62	.13	2	1.90	.02	.04	1	2
LE-87 15S 1+50E	1	95	16	118	.2	44	28	865	6.73	9	5	ND	2	13	1	2	3	118	.22	.074	5	85	1.05	83	.17	2	4.25	.03	.04	1	1
LE-87 15S 1+75E	1	30	13	139	.3	13	23	1729	8.44	10	5	ND	1	7	1	2	2	146	.07	.063	3	28	1.75	53	.02	4	2.97	.01	.03	1	3
LE-87 15S 2+00E	1	45	11	77	.7	37	11	555	4.70	4	5	ND	1	11	1	2	2	126	.25	.053	7	121	.66	120	.21	2	2.21	.02	.04	1	5
LE-87 15S 2+25E	1	68	11	98	.7	31	13	1104	5.27	6	5	ND	2	10	1	2	2	112	.19	.119	5	98	.57	92	.14	2	3.74	.02	.04	1	1
LE-87 15S 2+50E	1	120	13	80	.5	45	18	793	4.78	9	5	ND	2	11	1	2	2	126	.25	.132	6	109	.80	79	.20	4	3.94	.03	.04	1	2
LE-87 15S 2+75E	1	20	20	75	.2	14	9	638	5.01	5	5	ND	1	9	1	2	2	177	.14	.064	3	43	.24	61	.18	2	1.25	.01	.03	1	2
LE-87 15S 3+00E	1	57	18	80	.4	11	16	1132	6.12	10	5	ND	1	16	1	2	2	114	.14	.103	5	29	.60	115	.16	3	3.80	.01	.03	1	1
STD C/AU-S	20	62	41	133	6.8	68	29	1010	3.93	37	16	8	33	50	16	15	20	64	.48	.101	36	58	.88	185	.09	37	1.71	.07	.15	14	51

Rock Samples

ASHWORTH EXPLORATION PROJECT - LADY-ERMELINA FILE # 87-0160 PAGE 19

ROCK UNIT	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
SSpy	LE-87 01	1	151	8	45	.2	6	17	596	6.58	2	5	ND	2	12	1	2	2	133	1.80	.028	2	22	1.74	13	.20	9	2.47	.04	.07	1	1
"	LE-87 02	1	73	4	116	.1	9	15	538	5.10	2	5	ND	1	42	1	2	2	145	.98	.033	2	18	1.49	80	.29	4	2.90	.22	.45	1	1
"	LE-87 03	1	64	8	88	.2	10	11	680	4.01	5	5	ND	2	27	1	2	2	167	.23	.026	3	21	1.87	146	.19	6	2.47	.11	1.06	1	1
"	LE-87 04	1	50	6	71	.1	8	16	691	4.92	4	5	ND	1	53	1	2	2	144	1.00	.045	3	21	1.50	34	.30	4	2.27	.30	.35	1	1
SSif	LE-87 05	108	15	13	28	.1	24	11	341	21.30	15	5	ND	1	6	1	10	2	17	.36	.048	2	2	.05	8	.01	16	.05	.01	.02	8	3
SSif	LE-87 06	13	8	2	7	.1	7	4	124	6.66	9	5	ND	1	1	1	2	2	23	.01	.010	2	3	.01	11	.01	5	.04	.01	.01	2	2
SSpy	LE-87 07	2	101	8	97	.1	10	17	705	5.56	2	5	ND	1	40	1	2	2	58	.25	.033	2	13	1.88	37	.06	3	2.91	.07	.12	1	3
"	LE-87 08	3	68	12	56	.4	7	27	439	4.02	64	5	ND	2	29	1	2	2	33	.14	.024	2	8	1.25	70	.07	4	1.45	.06	.11	1	6
"	LE-87 09	5	245	9	102	.2	13	29	833	7.52	2	5	ND	1	60	1	2	4	73	.53	.033	2	11	1.62	40	.04	6	2.90	.20	.06	1	2
"	LE-87 10	1	45	3	63	.3	4	13	509	3.92	2	5	ND	1	64	1	2	2	50	1.00	.034	2	11	.97	124	.13	7	2.30	.32	.18	1	3
"	LE-87 11	12	39	6	47	.3	3	5	323	3.15	2	5	ND	1	30	1	2	4	34	.08	.026	2	12	1.23	60	.01	3	1.64	.06	.14	2	1
"	LE-87 12	1	38	6	48	.1	5	10	458	3.58	5	5	ND	1	29	1	2	2	43	.19	.021	2	10	1.34	68	.05	4	1.55	.09	.13	1	2
limy "	LE-87 13	9	32	3	52	.3	9	5	1490	2.22	2	18	ND	6	137	1	2	2	34	19.24	.072	2	18	.91	38	.02	2	1.30	.04	.07	1	2
"	LE-87 14	1	77	8	97	.2	10	20	635	6.06	2	5	ND	1	8	1	2	2	44	.21	.028	2	11	1.93	48	.18	9	2.23	.02	.20	1	1
"	LE-87 15	1	38	5	56	.2	10	21	819	6.90	7	5	ND	1	24	1	2	3	75	.65	.071	2	14	1.70	26	.01	2	1.88	.10	.09	1	1
"	LE-87 16	1	163	9	58	.2	3	12	808	6.73	2	5	ND	1	18	1	2	2	68	.35	.046	2	8	1.46	29	.01	2	1.71	.06	.11	1	1
qtz veins SSif	LE-87 18	18	48	2	18	.1	30	17	1582	5.19	4	5	ND	1	8	1	2	2	203	.30	.121	3	7	.09	14	.01	2	.31	.01	.01	1	92
SSpy	LE-87 19	1	50	7	84	.1	10	18	789	5.87	3	5	ND	1	33	1	2	2	176	.82	.047	2	23	1.79	45	.24	4	2.38	.15	.53	1	1
"	LE-87 20	1	58	10	71	.1	10	12	551	3.79	2	5	ND	1	33	1	2	2	133	.75	.026	2	17	1.21	26	.26	5	2.02	.09	.14	1	1
"	LE-87 22	1	73	4	112	.3	9	17	951	5.88	4	5	ND	2	24	1	2	2	99	.31	.026	2	14	2.70	39	.18	6	2.90	.08	.22	1	1
"	LE-87 23	1	61	4	100	.1	6	16	716	5.62	3	5	ND	1	13	1	2	2	62	.27	.026	3	9	2.38	37	.16	2	2.77	.04	.17	1	1
gouge "	LE-87 24	1	59	5	61	.1	8	9	743	3.38	2	9	ND	3	29	1	2	2	66	4.53	.028	2	13	.74	41	.23	5	3.47	.03	.14	1	1
SSif	LE-87 25	7	10	5	22	.1	10	10	684	12.84	2	5	ND	1	4	1	2	2	108	.07	.009	2	16	.06	8	.01	14	.07	.01	.01	2	1
SSif	LE-87 26A	21	175	14	35	.3	10	18	1604	24.10	18	5	ND	3	3	1	19	2	199	.08	.078	3	13	.05	66	.09	3	.42	.01	.10	2	7
SSif	LE-87 26B	1	92	35	65	.1	16	26	428	61.30	20	8	ND	5	7	5	244	2	127	.10	.063	2	184	.12	18	.02	2	.58	.01	.03	1	1
qtz. vein SSpy	LE-87 27	10	183	3	29	.3	6	12	287	7.33	2	5	ND	1	2	1	2	2	46	.04	.036	2	8	.02	4	.01	4	.06	.01	.01	1	3
"	LE-87 28	12	161	5	12	.2	6	10	183	8.15	20	5	ND	1	2	1	2	2	44	.05	.028	2	8	.01	10	.01	7	.03	.01	.01	1	17
"	LE-87 29	1	109	11	83	.2	12	16	1168	4.10	2	5	ND	1	20	1	2	2	91	.41	.051	3	14	1.71	49	.29	6	1.89	.06	.06	1	1
bleached "	LE-87 30	4	40	7	24	.2	1	2	515	2.73	2	5	ND	1	5	1	2	2	31	.02	.020	2	6	1.14	75	.22	7	1.45	.02	.15	1	1
argillaceous "	LE-87 31	1	82	6	53	.3	7	13	480	4.16	2	5	ND	1	8	1	2	2	46	.11	.027	3	12	1.32	39	.26	2	1.81	.03	.10	1	3
Fault gouge	LE-87 32	1	138	14	103	.1	54	33	1590	8.56	17	5	ND	1	27	1	2	2	255	.82	.041	5	145	3.42	47	.63	5	4.64	.05	.03	1	1
SSpy	LE-87 33	3	61	6	91	.2	9	15	668	5.28	5	5	ND	1	39	1	2	2	121	.68	.035	2	17	1.05	37	.21	3	2.55	.19	.11	1	1
"	LE-87 34	17	37	6	28	.3	29	7	1958	5.74	2	5	ND	1	7	1	2	2	67	.34	.081	2	2	.06	5	.01	4	.07	.01	.02	1	1
5% py, qtz vein	LE-87 35	29	12	15	12	1.9	56	13	140	16.16	82	5	ND	1	1	1	5	4	7	.01	.003	2	1	.02	2	.01	8	.01	.01	.01	1	295
" "	LE-87 36	16	46	4	13	.4	20	5	793	3.16	2	5	ND	1	3	1	2	2	78	.14	.016	2	10	.11	3	.01	3	.16	.01	.01	1	1
SSif	LE-87 37	70	81	2	11	.2	11	9	790	7.27	2	5	ND	1	6	1	2	2	11	.24	.014	2	5	.06	2	.01	3	.04	.01	.01	1	3
	STD C/AU-R	20	60	38	135	7.1	66	29	1025	3.94	38	18	8	34	50	16	15	19	65	.48	.103	37	60	.88	189	.09	38	1.72	.07	.15	13	505

ock UNIT	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
SSpy	LE-87 50	3	84	4	87	.1	12	15	1089	4.36	9	5	ND	1	77	1	2	2	133	1.27	.033	2	18	1.64	26	.28	4	2.87	.31	.87	1	1
"	LE-87 52	1	62	4	63	.1	11	18	593	5.29	6	5	ND	1	46	1	2	2	38	.76	.040	2	8	1.32	54	.02	5	2.01	.13	.10	1	1
"	LE-87 53	33	147	4	228	.1	7	11	482	4.18	4	5	ND	1	25	2	2	4	39	.06	.031	2	7	1.24	65	.01	2	1.83	.05	.10	1	1
"	LE-87 54	4	89	6	62	.4	8	15	382	4.01	3	5	ND	1	34	1	2	2	43	.13	.037	2	10	1.36	115	.01	5	1.86	.05	.13	1	4
"	LE-87 55	1	53	5	56	.1	4	12	545	4.58	2	5	ND	1	19	1	2	3	129	1.06	.029	2	17	1.66	26	.29	2	2.61	.04	.14	1	1
"	LE-87 56	1	48	4	86	.1	10	19	667	5.43	5	5	ND	1	16	1	2	2	168	.46	.025	2	24	2.66	55	.21	2	2.28	.08	.25	1	4
fault gouge "	LE-87 57	1	86	4	134	.1	7	24	1711	11.13	7	5	ND	1	7	1	2	2	432	.36	.160	4	23	3.63	31	.03	2	3.91	.03	.03	1	2
"	LE-87 58	3	97	15	61	.1	5	14	363	9.12	4	5	ND	2	7	1	2	2	113	.07	.030	2	10	.75	56	.28	2	1.50	.04	.15	1	6
SSpy	LE-87 59	1	154	10	38	.1	6	16	289	6.80	13	5	ND	1	33	1	2	2	124	.39	.029	2	12	.66	52	.28	6	1.70	.04	.10	1	8
quartz vein	LE-87 60	77	23	3	7	.1	2	3	96	1.63	2	5	ND	1	6	1	2	2	30	.14	.045	2	3	.16	26	.13	2	.37	.02	.09	1	1
" "	LE-87 61	5	27	5	9	.1	1	3	136	1.63	2	5	ND	2	10	1	2	4	20	.20	.036	8	2	.19	21	.11	2	.44	.05	.06	3	1
" "	LE-87 62	15	119	3	13	.1	1	6	159	4.04	2	5	ND	1	24	1	2	2	45	.46	.116	7	3	.27	43	.30	6	.57	.06	.13	1	1
SSpy	LE-87 63	1	64	5	72	.1	7	16	653	5.35	4	5	ND	1	18	1	2	2	108	.43	.050	2	18	1.81	112	.22	2	2.17	.08	.19	1	1
	STD C/AU-R	20	63	43	136	6.7	65	29	1030	3.97	39	19	8	34	50	17	16	20	64	.48	.103	36	60	.88	189	.09	36	1.72	.07	.16	13	490

La. / I.P
Soils

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL -80MESH AU# ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: FEB 25 1987 DATE REPORT MAILED: Feb 28/87 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

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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
LE-87 31N 6+00W	1	34	5	53	.1	9	4	166	2.91	2	5	ND	1	9	1	2	2	81	.17	.057	4	23	.20	56	.12	2	1.84	.01	.02	1	1
LE-87 31N 5+50W	1	45	2	40	.1	12	5	162	2.68	2	5	ND	3	9	1	2	2	71	.15	.041	4	23	.26	61	.14	2	2.05	.01	.02	2	1
LE-87 31N 5+00W	1	35	25	73	.2	5	2	83	.68	2	5	ND	1	24	1	2	2	21	.23	.067	3	6	.06	169	.01	2	.71	.01	.04	1	1
LE-87 31N 4+50W	1	55	10	35	.1	11	5	166	4.65	2	5	ND	2	7	1	2	2	127	.16	.052	4	28	.31	39	.17	7	2.22	.01	.02	2	4
LE-87 31N 4+00W	1	59	8	50	.1	12	5	233	3.28	2	5	ND	4	9	1	2	2	83	.18	.125	4	23	.35	69	.13	2	3.03	.02	.02	1	1
LE-87 31N 3+50W	1	38	4	43	.1	10	5	162	2.89	2	5	ND	1	9	1	2	2	82	.16	.043	3	22	.29	66	.14	8	2.37	.01	.02	1	1
LE-87 31N 3+00W	1	32	2	34	.1	14	4	170	2.18	2	5	ND	2	6	1	2	3	71	.15	.029	4	19	.31	66	.16	2	1.72	.01	.02	1	1
LE-87 31N 2+50W	1	25	2	38	.2	8	4	129	2.43	2	5	ND	3	6	1	2	2	70	.13	.036	4	18	.22	63	.14	2	1.63	.01	.02	1	1
LE-87 31N 2+00W	1	63	2	45	.1	15	7	1000	2.90	2	5	ND	3	10	1	2	3	79	.17	.051	4	22	.48	105	.14	2	2.51	.02	.03	1	1
LE-87 31N 1+50W	1	28	4	36	.2	7	4	250	2.39	2	5	ND	3	6	1	2	2	70	.14	.030	4	16	.21	55	.15	3	1.49	.01	.02	2	1
LE-87 31N 1+00W	2	36	6	44	.1	12	5	142	3.66	3	5	ND	3	7	1	2	2	86	.14	.033	4	28	.30	71	.18	2	3.08	.01	.02	1	1
LE-87 31N 0+50W	1	35	2	39	.2	6	3	128	2.57	2	5	ND	2	7	1	2	3	70	.15	.048	4	20	.19	44	.12	2	2.10	.01	.01	1	2
LE-87 31N 0+00W	1	43	2	43	.1	10	5	184	2.79	3	5	ND	4	11	1	2	2	78	.18	.068	5	22	.30	87	.15	3	2.43	.02	.03	2	1
LE-87 31N 0+50E	1	20	7	35	.2	4	3	102	2.37	2	5	ND	3	6	1	2	2	80	.11	.040	4	17	.12	31	.14	2	1.22	.01	.02	1	1
LE-87 31N 1+00E	1	16	2	28	.1	5	3	88	2.30	2	5	ND	1	8	1	2	2	93	.13	.021	2	16	.13	37	.14	2	.81	.01	.02	1	495
LE-87 31N 1+50E	1	32	10	28	.1	5	4	73	5.34	2	5	ND	3	5	1	2	2	140	.09	.045	3	35	.11	28	.22	2	2.59	.01	.01	1	71
LE-87 31N 2+00E	1	30	4	35	.2	9	4	134	4.13	3	5	ND	3	8	1	2	2	118	.15	.079	4	38	.20	48	.16	2	2.62	.01	.02	1	29
LE-87 28N 2+50W	1	48	6	49	.1	15	6	215	3.03	2	5	ND	1	12	1	2	2	98	.24	.049	4	20	.46	98	.20	2	2.76	.02	.03	1	2
LE-87 28N 2+00W	1	52	3	54	.2	17	7	220	3.09	3	6	ND	3	10	1	2	2	81	.19	.028	5	21	.55	132	.18	2	2.76	.02	.03	3	1
LE-87 28N 1+50W	1	47	11	68	.1	13	16	618	4.48	3	6	ND	3	14	1	2	2	128	.26	.088	7	25	.38	112	.19	2	2.89	.02	.05	3	1
LE-87 28N 1+00W	1	21	5	39	.1	6	4	139	3.36	2	5	ND	2	18	1	2	2	111	.30	.029	4	20	.21	121	.19	2	1.32	.01	.03	2	2
LE-87 28N 0+50W	1	10	6	29	.1	1	3	127	2.83	2	5	ND	2	7	1	2	2	95	.18	.034	3	13	.14	37	.20	2	1.23	.01	.02	1	1
LE-87 28N 0+00W	1	46	4	51	.1	12	6	199	3.25	2	5	ND	3	10	1	2	2	91	.16	.024	4	19	.44	129	.22	2	3.05	.01	.04	2	1
LE-87 28N 0+50E	1	36	7	48	.1	10	5	159	3.32	2	5	ND	3	9	1	2	3	98	.18	.080	4	30	.28	52	.17	2	3.07	.02	.02	1	1
LE-87 28N 1+00E	1	38	6	43	.1	5	5	115	4.03	2	5	ND	3	6	1	2	2	150	.15	.079	4	26	.21	29	.25	4	2.19	.01	.02	2	1
LE-87 28N 1+50E	2	17	6	45	.1	6	4	178	2.57	2	5	ND	1	12	1	2	2	98	.20	.032	3	16	.33	56	.19	3	.99	.01	.04	2	1
LE-87 28N 2+00E	1	56	4	69	.2	10	6	200	4.39	2	5	ND	4	8	1	2	2	103	.13	.098	3	33	.51	78	.18	2	3.75	.02	.04	1	1
LE-87 28N 2+50E	1	15	2	28	.2	4	3	91	3.03	2	5	ND	2	8	1	2	2	105	.13	.033	3	19	.11	21	.15	7	1.42	.01	.02	1	2
LE-87 28N 3+00E	1	40	7	58	.2	5	5	148	4.09	3	5	ND	7	11	2	2	2	83	.17	.073	6	22	.24	39	.14	2	4.53	.01	.03	1	1
LE-87 28N 3+50E	2	22	10	61	.2	37	9	282	4.55	2	5	ND	3	11	1	2	2	119	.17	.019	3	67	1.09	50	.23	6	1.91	.02	.04	1	1
STD C/AU-S	19	61	37	134	7.0	62	27	963	3.94	39	14	7	32	47	16	15	22	59	.48	.094	35	55	.88	175	.08	37	1.72	.07	.12	14	49

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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
LE-87 28N 7+50E	1	28	3	41	.1	12	6	185	3.02	2	5	ND	3	15	1	2	2	81	.29	.020	4	20	.38	77	.14	2	1.56	.02	.03	1	1
LE-87 28N 8+00E	1	43	11	48	.1	9	4	136	3.18	5	5	ND	3	10	1	2	2	77	.17	.051	5	24	.23	66	.14	6	3.30	.02	.02	1	1
LE-87 28N 8+50E	1	32	5	46	.2	8	5	180	3.46	3	5	ND	3	9	1	2	3	91	.16	.086	5	22	.18	50	.12	10	2.52	.01	.03	1	1
LE-87 28N 9+00E	1	29	11	39	.1	7	4	135	3.57	2	5	ND	3	7	1	2	2	104	.14	.068	3	21	.16	44	.12	2	1.75	.01	.02	1	2
LE-87 28N 9+50E	1	21	4	32	.1	7	3	94	2.54	2	5	ND	2	7	1	2	2	73	.12	.027	3	17	.11	47	.10	2	1.43	.01	.01	1	1
LE-87 28N 10+00E	1	32	8	33	.2	5	4	170	3.30	2	5	ND	3	9	1	2	2	82	.15	.040	6	20	.19	37	.14	5	2.45	.01	.02	1	1
LE-87 28N 10+50E	1	23	9	35	.2	7	7	420	2.70	2	7	ND	3	13	1	2	2	72	.25	.030	5	18	.26	48	.16	11	1.48	.02	.03	1	5
LE-87 28N 11+00E	1	28	8	44	.1	12	8	567	3.43	5	5	ND	2	12	1	2	2	85	.22	.040	5	22	.36	71	.18	2	2.00	.02	.04	1	2
LE-87 28N 11+50E	1	34	8	38	.2	11	8	263	3.40	3	5	ND	4	12	1	2	2	88	.24	.036	7	26	.36	83	.17	2	2.51	.02	.04	1	3
LE-87 28N 12+00E	1	34	7	44	.3	12	10	494	2.96	3	8	ND	3	19	1	3	2	72	.31	.032	12	21	.33	84	.14	2	2.11	.02	.04	1	1
LE-87 28N 12+50E	1	34	10	50	.2	12	19	724	3.14	5	5	ND	2	15	1	2	3	81	.25	.038	10	21	.31	69	.14	2	2.10	.02	.03	1	5
LE-87 28N 13+00E	1	28	6	37	.1	11	6	201	3.02	3	5	ND	2	10	1	2	2	76	.18	.048	4	23	.24	63	.12	2	2.32	.01	.02	1	1
LE-87 25N 3+00W	1	38	7	41	.2	10	7	337	2.14	2	5	ND	2	13	1	2	2	65	.26	.023	4	17	.45	127	.12	2	1.32	.02	.04	1	1
LE-87 25N 2+50W	1	37	7	50	.1	11	6	342	2.09	3	5	ND	1	12	1	2	2	58	.26	.036	3	16	.34	118	.09	3	1.31	.02	.03	1	1
LE-87 25N 2+00W	4	27	4	33	.1	6	6	177	2.71	4	5	ND	3	7	1	2	2	101	.16	.013	4	14	.22	68	.21	2	.99	.01	.03	1	2
LE-87 25N 1+50W	2	64	8	53	.2	20	7	248	3.58	5	5	ND	3	11	1	2	2	94	.27	.053	4	33	.32	154	.16	2	2.47	.02	.04	1	1
LE-87 25N 1+00W	2	33	5	45	.1	9	4	158	3.33	3	5	ND	2	10	1	2	2	97	.21	.033	3	21	.24	85	.16	3	1.21	.01	.03	1	1
LE-87 25N 0+50W	2	107	5	95	.1	32	13	501	4.07	2	5	ND	2	15	1	2	2	100	.35	.047	5	33	.59	182	.19	11	2.94	.02	.06	1	1
LE-87 25N 0+00W	1	42	8	60	.1	13	6	152	3.38	3	5	ND	3	9	1	2	2	95	.17	.049	4	26	.28	82	.16	2	2.68	.01	.03	1	1
LE-87 25N 0+50E	1	34	2	41	.1	8	5	131	3.03	4	5	ND	2	7	2	2	2	83	.15	.062	5	22	.23	57	.12	2	2.86	.02	.02	1	2
LE-87 25N 1+00E	1	19	4	42	.3	3	3	102	2.46	2	5	ND	3	9	1	2	2	95	.16	.032	3	18	.15	39	.15	2	1.41	.02	.03	1	1
LE-87 25N 1+50E	1	52	2	36	.1	10	8	222	2.65	4	5	ND	2	26	1	2	2	87	.44	.062	5	21	.46	88	.10	2	2.26	.03	.03	1	3
LE-87 25N 2+00E	1	34	14	48	.2	7	5	489	4.11	2	5	ND	2	19	1	2	2	121	.29	.080	3	19	.32	50	.14	3	2.32	.02	.03	1	1
LE-87 25N 2+50E	1	15	3	28	.2	3	2	65	2.03	2	5	ND	2	8	1	2	2	67	.14	.030	2	15	.10	19	.09	3	.93	.01	.02	1	2
LE-87 25N 3+00E	1	21	4	29	.1	2	3	92	3.31	4	5	ND	2	10	1	2	2	141	.15	.030	3	12	.15	16	.14	2	1.61	.01	.02	1	2
LE-87 25N 6+00E	1	70	6	32	.1	7	5	149	2.98	3	5	ND	2	11	1	2	2	104	.17	.033	3	15	.21	38	.13	2	2.42	.02	.02	2	1
LE-87 25N 6+50E	1	27	8	37	.1	6	3	168	3.15	4	5	ND	2	13	1	2	2	78	.23	.206	3	20	.15	42	.10	4	2.20	.02	.02	1	1
LE-87 25N 7+00E	1	37	7	37	.2	8	4	112	2.98	2	7	ND	4	8	1	3	2	79	.15	.057	4	19	.17	44	.12	13	1.92	.02	.02	1	6
LE-87 25N 7+50E	1	24	4	36	.2	8	6	243	2.36	2	5	ND	3	10	2	2	2	66	.21	.024	4	15	.26	68	.12	2	1.09	.02	.02	1	1
LE-87 25N 8+00E	1	36	2	36	.1	10	6	165	2.89	2	5	ND	2	9	1	2	2	79	.19	.046	4	20	.27	59	.12	2	1.81	.02	.03	1	1
LE-87 25N 8+50E	1	32	6	28	.2	8	5	171	2.71	2	5	ND	3	10	1	2	2	73	.20	.039	5	19	.22	62	.13	3	1.57	.02	.03	1	3
LE-87 25N 9+00E	1	48	5	48	.1	17	8	301	3.69	5	5	ND	3	11	1	2	2	96	.24	.047	4	27	.46	127	.15	10	2.21	.02	.04	1	2
LE-87 25N 9+50E	6	46	6	38	.1	14	11	732	3.64	247	5	ND	2	11	1	2	3	122	.22	.040	9	28	.40	90	.17	7	2.57	.02	.04	1	2
LE-87 25N 10+00E	1	36	2	70	.2	16	9	249	2.97	2	5	ND	3	10	2	2	2	76	.21	.046	5	23	.30	77	.16	6	2.32	.02	.04	1	1
LE-87 25N 10+50E	2	61	4	51	.1	12	8	246	3.14	5	5	ND	3	10	1	2	2	86	.21	.080	6	24	.34	61	.18	2	2.56	.02	.04	1	4
STD C/AU-S	19	62	36	135	7.1	62	27	961	3.95	38	16	7	33	46	16	15	20	59	.48	.096	35	55	.88	173	.08	37	1.72	.07	.13	13	48

ASHWORTH EXPLORATION PROJECT [illegible] FILE # 87-0524

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
LE-87 25N 11+00E	3	38	6	44	.1	10	6	209	2.93	5	5	ND	1	11	1	2	2	72	.23	.040	4	20	.31	72	.12	3	2.02	.02	.03	1	1
LE-87 25N 11+50E	1	34	2	57	.1	21	12	401	3.75	4	5	ND	1	11	1	2	2	87	.28	.035	5	24	.47	82	.17	3	1.89	.02	.04	1	1
LE-87 25N 12+00E	1	40	4	63	.2	20	12	766	3.18	3	12	ND	2	16	1	4	2	68	.34	.036	7	25	.56	154	.17	2	2.25	.02	.06	1	2
LE-87 25N 12+50E	1	29	3	53	.2	14	9	309	3.60	5	6	ND	2	13	1	3	2	82	.27	.036	5	24	.47	98	.16	2	2.32	.02	.05	1	1
LE-87 25N 13+00E	1	41	5	51	.1	20	8	343	3.06	4	5	ND	1	10	1	2	2	76	.23	.048	6	25	.39	87	.16	2	2.49	.02	.04	1	1
LE-87 25N 13+50E	1	56	14	87	.2	18	13	948	5.10	11	14	ND	2	16	1	2	2	138	.84	.079	4	27	1.95	157	.29	2	4.82	.02	.10	1	1
LE-87 25N 14+00E	1	33	9	46	.2	21	10	374	3.29	5	5	ND	2	12	1	3	2	81	.25	.050	5	25	.49	110	.18	2	2.56	.02	.05	1	1
LE-87 25N 14+50E	1	33	3	45	.1	17	9	227	3.39	2	5	ND	1	11	1	3	2	85	.24	.038	6	28	.42	81	.18	2	2.40	.02	.05	1	1
LE-87 25N 15+00E	1	32	5	40	.1	20	8	232	2.96	2	5	ND	1	13	1	2	2	72	.28	.036	4	24	.43	103	.15	2	1.99	.02	.04	1	1
LE-87 25N 15+50E	1	43	4	43	.1	22	7	231	3.18	3	5	ND	2	13	1	2	2	84	.27	.038	8	33	.56	114	.19	2	2.80	.02	.05	1	1
LE-87 25N 16+00E	1	42	5	38	.3	25	8	160	3.32	9	6	ND	3	10	1	3	2	83	.22	.038	6	49	.70	59	.21	3	2.72	.02	.05	1	1
LE-87 22N 3+00W	1	44	5	48	.1	16	10	426	3.26	3	7	ND	2	12	1	4	2	75	.23	.048	4	23	.72	130	.13	2	2.14	.02	.06	1	3
LE-87 22N 2+50W	1	43	8	44	.1	16	11	287	3.41	8	5	ND	1	12	1	2	2	86	.22	.037	4	24	.69	144	.14	4	2.23	.02	.04	1	1
LE-87 22N 2+00W	1	54	9	72	.1	16	8	1435	2.76	8	5	ND	1	28	1	2	2	70	.66	.094	6	22	.55	216	.12	7	2.03	.05	.12	1	1
LE-87 22N 1+50W	1	49	8	53	.2	18	7	179	3.76	4	5	ND	1	10	1	3	2	94	.20	.044	3	26	.43	94	.15	4	2.90	.02	.02	1	1
LE-87 22N 1+00W	2	48	9	55	.3	18	8	228	3.59	2	8	ND	2	10	1	2	2	91	.20	.055	5	26	.57	104	.17	2	2.81	.02	.05	1	1
LE-87 22N 0+50W	1	37	11	39	.1	13	6	189	2.68	2	5	ND	1	12	1	2	2	71	.24	.059	5	21	.33	118	.12	5	2.28	.02	.03	1	1
LE-87 22N 0+00W	1	25	7	37	.2	11	5	172	2.59	3	6	ND	2	10	1	3	2	71	.20	.053	4	20	.24	82	.11	4	2.01	.02	.03	1	1
LE-87 22N 1+50E	1	10	13	50	.1	2	3	1211	2.29	2	6	ND	1	11	1	2	2	104	.85	.033	4	3	.09	52	.33	2	.66	.03	.05	1	1
LE-87 22N 2+00E	1	25	6	41	.1	8	5	410	3.03	4	5	ND	1	9	1	3	2	94	.38	.070	5	10	.17	75	.31	4	1.57	.02	.04	1	2
LE-87 22N 2+50E	1	38	5	47	.2	7	7	184	3.63	7	6	ND	2	7	1	3	2	99	.26	.181	5	17	.19	57	.19	2	3.25	.02	.03	1	1
LE-87 22N 3+00E	2	69	10	29	.1	8	5	102	3.61	7	5	ND	2	8	1	3	2	102	.15	.047	7	20	.20	45	.18	2	2.99	.02	.02	1	1
LE-87 22N 3+50E	1	24	6	23	.1	4	3	116	2.07	2	5	ND	1	7	2	2	2	59	.12	.054	3	14	.12	23	.09	2	1.92	.02	.02	1	1
LE-87 22N 4+00E	1	5	31	81	.3	3	1	46	.26	2	6	ND	1	19	1	2	2	6	.38	.052	2	3	.08	48	.01	2	.18	.03	.07	1	2
LE-87 22N 4+50E	1	24	2	18	.2	6	3	90	2.44	5	6	ND	1	6	1	2	2	81	.13	.015	5	14	.12	31	.14	2	1.27	.01	.02	1	1
LE-87 22N 5+00E	2	32	7	44	.1	8	13	923	2.88	4	6	ND	1	19	1	2	2	75	.42	.038	7	14	.23	75	.11	2	1.63	.02	.02	1	1
LE-87 22N 5+50E	1	45	31	102	.1	9	2	60	.70	4	5	ND	1	40	1	2	2	14	.75	.068	3	4	.07	152	.01	3	.69	.02	.06	1	2
LE-87 22N 6+00E	1	24	6	25	.2	7	4	90	3.38	6	6	ND	3	8	1	4	2	102	.15	.030	4	22	.16	31	.18	2	1.98	.01	.02	1	4
LE-87 22N 6+50E	4	132	11	55	.1	14	44	2537	3.05	7	5	ND	1	14	2	2	2	74	.29	.094	9	19	.28	77	.10	5	2.90	.02	.02	1	2
LE-87 22N 7+00E	1	41	5	38	.1	16	6	235	2.58	8	5	ND	1	13	1	4	2	72	.33	.078	5	23	.37	61	.11	2	1.89	.02	.03	2	1
LE-87 22N 7+50E	1	20	5	21	.1	10	5	130	2.79	4	5	ND	1	9	1	2	2	81	.19	.026	4	18	.19	57	.11	4	1.42	.01	.03	1	1
LE-87 22N 8+00E	1	18	2	38	.1	12	5	147	3.38	2	5	ND	1	9	1	2	2	84	.18	.052	3	23	.25	66	.13	2	1.88	.02	.02	1	1
LE-87 22N 8+50E	1	72	3	65	.3	30	34	1738	3.16	10	7	ND	1	26	2	2	2	64	.60	.070	7	33	.83	149	.14	2	2.81	.04	.05	1	1
LE-87 22N 9+00E	1	28	6	40	.1	14	9	174	3.69	5	5	ND	1	9	1	2	2	100	.20	.029	4	22	.32	67	.18	2	1.91	.02	.02	1	1
LE-87 22N 9+50E	1	45	2	38	.1	10	7	205	3.10	5	5	ND	2	10	1	2	2	82	.22	.059	4	22	.34	68	.12	2	2.07	.02	.02	2	1
LE-87 22N 10+00E	1	50	4	53	.1	19	9	360	2.99	13	6	ND	2	11	1	3	2	78	.27	.052	7	25	.49	124	.17	2	2.37	.02	.05	1	1
STD C/AU-S	19	58	37	132	6.8	65	27	950	3.94	37	16	6	32	46	16	15	21	57	.48	.093	34	54	.86	173	.08	35	1.72	.07	.12	12	51

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
LE-87 22N 10+50E	1	50	12	65	.1	8	19	4526	3.21	10	5	ND	1	10	1	2	3	62	.23	.162	4	15	.23	116	.10	2	1.44	.01	.05	1	1
LE-87 22N 11+00E	2	48	17	61	.1	6	8	475	3.54	19	5	ND	2	10	1	3	2	74	.25	.151	3	14	.25	89	.15	4	2.06	.02	.05	1	2
LE-87 22N 11+50E	2	24	3	51	.1	10	8	303	3.09	3	5	ND	2	8	1	2	3	65	.21	.224	4	12	.28	60	.14	2	1.89	.02	.04	1	1
LE-87 22N 12+00E	2	49	4	56	.2	14	8	279	3.34	7	5	ND	2	9	1	2	2	70	.21	.141	5	18	.30	59	.11	5	2.89	.02	.04	1	1
LE-87 5S 9+00W	1	41	7	79	.1	14	13	406	3.39	2	5	ND	2	26	1	2	3	65	.29	.105	4	29	1.06	44	.17	2	1.94	.01	.04	1	1
LE-87 5S 8+75W	1	46	9	104	.1	12	12	632	3.11	3	5	ND	2	34	1	2	2	53	.34	.170	4	23	.74	133	.11	4	2.11	.01	.06	1	1
LE-87 5S 8+50W	1	63	6	110	.3	19	15	1722	3.81	2	5	ND	2	43	1	2	5	58	.41	.134	4	25	1.45	161	.11	2	2.55	.01	.07	1	1
LE-87 5S 8+25W	1	19	2	71	.2	8	11	489	2.50	2	5	ND	1	41	1	2	2	55	.31	.058	3	19	.72	58	.12	3	1.95	.01	.03	1	1
LE-87 5S 8+00W	1	32	11	84	.1	16	8	294	3.12	4	5	ND	2	13	1	2	2	56	.21	.130	3	16	.54	88	.09	2	2.19	.01	.04	1	2
LE-87 5S 7+75W	1	59	12	92	.1	22	17	974	4.80	3	7	ND	3	12	1	2	2	76	.19	.166	4	40	2.05	149	.07	6	3.11	.01	.06	1	2
LE-87 5S 7+50W	1	16	14	62	.1	9	7	2160	2.55	2	5	ND	1	13	1	2	2	51	.22	.118	3	15	.41	112	.07	2	1.49	.01	.05	1	1
LE-87 5S 7+25W	1	44	9	68	.2	12	9	403	3.46	2	5	ND	2	9	1	2	2	59	.16	.185	4	16	.70	81	.06	3	2.43	.01	.05	2	1
LE-87 5S 7+00W	1	52	10	56	.1	17	9	404	3.53	3	5	ND	2	10	1	2	3	80	.21	.066	4	20	.63	119	.15	5	3.27	.02	.07	1	2
LE-87 5S 6+75W	1	62	7	60	.1	21	10	360	3.59	2	5	ND	2	10	1	2	3	81	.21	.083	6	22	.81	131	.17	2	3.75	.02	.10	1	1
LE-87 5S 6+50W	1	81	7	66	.1	15	10	560	2.98	4	5	ND	1	27	1	2	3	51	.99	.097	9	28	.81	226	.08	5	3.21	.02	.07	1	3
LE-87 5S 6+25W	1	43	8	53	.2	8	7	408	3.64	8	5	ND	1	17	1	2	2	67	.38	.064	6	22	.64	125	.11	5	3.11	.01	.04	2	1
LE-87 5S 6+00W	1	24	14	68	.2	4	9	369	4.31	7	5	ND	3	12	1	2	2	76	.23	.074	5	18	.56	77	.12	5	2.85	.01	.04	2	4
LE-87 5S 5+75W	1	70	3	60	.1	13	19	835	4.70	6	5	ND	4	26	1	2	2	81	.86	.138	12	21	1.17	155	.13	2	2.13	.02	.07	1	2
LE-87 5S 5+50W	1	70	13	68	.1	18	13	640	4.02	8	5	ND	2	16	1	2	3	69	.33	.090	7	37	.96	112	.11	3	2.56	.02	.07	1	1
LE-87 5S 5+25W	3	111	9	64	.2	90	25	721	4.85	9	5	ND	2	21	1	2	3	91	.44	.055	8	174	1.68	119	.14	2	2.69	.03	.05	2	2
LE-87 5S 5+00W	2	104	5	54	.1	72	19	432	4.82	3	5	ND	1	17	1	2	2	109	.41	.056	5	170	1.39	76	.14	5	2.07	.03	.07	1	415
LE-87 5S 4+75W	1	102	10	45	.1	55	22	372	7.08	9	5	ND	1	20	1	2	3	198	.46	.056	5	217	1.09	86	.17	8	1.65	.02	.08	1	305
LE-87 5S 4+50W	1	138	17	85	.1	40	20	527	6.01	10	5	ND	2	17	1	2	3	109	.41	.068	10	60	1.00	88	.16	3	5.27	.02	.04	1	5
LE-87 5S 4+25W	1	76	17	112	.8	24	14	971	5.55	12	5	ND	1	8	1	2	2	101	.15	.274	4	44	.69	75	.12	5	4.14	.01	.04	1	2
LE-87 5S 4+00W	1	73	16	110	.5	28	13	1316	4.88	11	5	ND	1	15	1	2	2	96	.24	.280	4	41	.75	107	.14	5	3.34	.02	.04	1	1
LE-87 5S 3+75W	1	67	13	93	.4	20	16	2084	5.24	7	5	ND	2	10	1	2	4	95	.19	.331	3	39	.70	70	.10	6	3.97	.01	.04	1	1
LE-87 5S 3+50W	1	134	11	106	.1	33	15	1051	5.26	7	5	ND	2	10	1	2	2	106	.17	.125	4	48	1.17	90	.22	4	4.48	.02	.04	1	4
LE-87 5S 3+25W	1	50	10	72	.4	18	8	553	4.03	5	5	ND	2	8	1	2	3	94	.18	.100	4	32	.62	54	.13	2	2.59	.01	.04	2	1
LE-87 5S 3+00W	1	61	11	75	.3	16	8	481	5.17	3	5	ND	2	6	1	2	2	104	.12	.135	3	41	.67	43	.16	4	3.48	.01	.04	1	4
LE-87 5S 2+75W	1	64	2	67	.2	21	9	430	4.02	6	5	ND	1	7	1	2	2	87	.15	.063	5	30	.74	58	.17	2	2.60	.02	.02	1	3
LE-87 5S 2+50W	1	39	17	51	.4	12	7	316	4.50	4	5	ND	2	7	1	2	2	111	.13	.072	4	29	.55	43	.12	3	2.31	.01	.03	2	170
LE-87 5S 2+25W	1	117	14	121	.1	38	17	898	5.64	5	6	ND	2	11	1	2	2	111	.17	.089	3	43	1.12	73	.17	4	3.85	.02	.04	1	2
LE-87 5S 2+00W	1	106	13	51	.1	31	11	1050	3.64	2	7	ND	2	9	1	2	3	101	.23	.099	5	61	.79	76	.16	3	2.53	.02	.06	3	165
LE-87 5S 1+75W	1	139	3	87	.1	38	17	572	4.26	2	5	ND	1	15	1	2	2	100	.39	.062	5	58	1.02	54	.16	4	3.07	.03	.05	2	4
LE-87 5S 1+50W	1	95	12	89	.3	16	10	491	4.11	9	5	ND	1	8	1	2	2	103	.22	.253	3	37	.44	59	.13	2	2.64	.02	.03	2	1
LE-87 5S 1+25W	1	123	22	169	.1	33	32	3278	6.20	10	5	ND	1	26	1	2	2	118	.42	.143	6	33	1.06	154	.11	2	4.05	.03	.05	1	15
STD C/AU-S	19	59	40	131	6.9	67	26	982	3.94	42	14	7	33	48	16	15	20	60	.51	.099	35	56	.93	179	.08	35	1.72	.07	.17	13	48

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	Aut PPB
LE-87 5S 1+00W	1	76	5	71	.1	18	11	423	4.87	6	5	ND	1	11	1	2	2	129	.28	.074	3	49	.54	64	.14	2	2.50	.02	.05	2	1
LE-87 5S 0+50W	1	82	15	115	.1	23	36	912	6.22	5	5	ND	2	19	1	2	2	144	.38	.067	5	34	.69	69	.16	5	4.30	.03	.08	1	1
LE-87 6S 10+50W	1	16	10	47	.3	6	9	838	3.20	2	5	ND	1	29	1	2	2	68	.40	.035	7	16	.50	136	.11	5	1.59	.01	.04	1	1
LE-87 6S 10+25W	1	55	7	52	.1	23	14	380	4.26	4	5	ND	2	30	1	2	2	90	.25	.029	5	41	1.16	72	.19	6	2.65	.01	.04	1	5
LE-87 6S 10+00W	1	20	5	39	.2	11	8	280	2.93	2	5	ND	2	28	1	2	3	61	.26	.040	5	26	.74	53	.13	4	1.47	.01	.04	3	1
LE-87 6S 9+75W	1	44	8	78	.3	14	11	905	3.27	2	6	ND	2	19	1	2	2	64	.24	.108	5	28	.89	123	.12	7	2.02	.01	.04	1	42
LE-87 6S 9+50W	1	67	5	87	.1	31	17	589	4.65	2	5	ND	1	38	1	2	3	99	.33	.081	4	49	1.29	100	.23	2	2.66	.01	.05	1	1
LE-87 6S 9+25W	1	89	9	65	.3	30	17	726	4.39	2	5	ND	2	32	1	2	2	103	.32	.072	4	76	1.64	74	.21	2	2.66	.01	.09	1	8
LE-87 6S 9+00W	1	26	9	71	.2	15	12	573	3.05	2	5	ND	2	28	1	2	2	62	.31	.053	4	33	.71	104	.15	3	1.96	.01	.06	1	14
LE-87 6S 8+75W	1	44	12	78	.2	13	11	1111	3.37	2	5	ND	1	22	1	2	2	65	.32	.094	4	19	.92	187	.10	3	2.17	.01	.08	1	1
LE-87 6S 8+50W	1	56	12	60	.3	15	11	785	3.49	2	6	ND	2	17	1	2	3	73	.23	.087	4	21	.87	103	.12	6	2.21	.01	.06	1	1
LE-87 6S 8+25W	1	64	24	156	.2	13	14	9123	3.23	6	5	ND	1	77	1	2	2	50	1.12	.162	4	18	.72	533	.06	2	2.06	.01	.09	1	3
LE-87 6S 8+00W	1	32	9	78	.1	10	12	818	3.37	2	5	ND	1	29	1	2	2	62	.35	.183	4	24	.90	150	.09	6	2.08	.01	.06	1	2
LE-87 6S 7+75W	1	42	9	57	.4	10	10	519	3.92	5	5	ND	1	26	1	2	2	70	.52	.343	4	21	.64	122	.09	2	2.28	.01	.06	1	1
LE-87 6S 7+50W	1	58	13	55	.3	12	10	299	4.23	2	5	ND	2	14	1	2	2	85	.23	.118	4	29	.67	117	.12	2	2.91	.02	.06	3	1
LE-87 6S 7+25W	1	238	13	51	.3	18	12	490	3.26	6	6	ND	2	25	1	2	2	69	.69	.090	8	37	.91	163	.12	4	2.41	.04	.08	1	3
LE-87 6S 7+00W	1	363	10	54	.4	12	10	473	3.00	3	5	ND	2	29	1	2	2	70	.79	.099	8	35	.75	198	.10	4	2.13	.05	.08	1	8
LE-87 6S 6+75W	2	120	11	59	.2	70	19	580	4.18	4	5	ND	2	22	1	2	2	92	.49	.060	7	128	1.37	115	.14	4	2.30	.03	.07	1	2
LE-87 6S 6+50W	2	114	2	50	.1	64	20	510	4.78	6	6	ND	1	25	1	2	2	111	.56	.065	6	149	1.36	105	.15	5	2.10	.03	.09	1	1
LE-87 6S 6+25W	2	118	14	52	.1	71	20	588	4.47	7	5	ND	1	25	1	2	2	102	.60	.063	7	146	1.45	107	.15	3	2.32	.03	.09	2	4
LE-87 6S 6+00W	3	120	8	59	.3	69	21	619	4.33	7	5	ND	1	20	1	2	2	94	.46	.064	7	133	1.41	100	.14	3	2.39	.03	.06	1	1
LE-87 6S 5+75W	1	80	14	67	.2	16	8	1873	2.02	2	5	ND	1	42	1	2	2	30	1.38	.098	7	21	.81	112	.02	2	1.58	.01	.04	1	3
LE-87 6S 5+50W	1	162	13	99	.1	36	21	1123	4.73	7	5	ND	1	18	1	2	2	98	.32	.129	8	44	1.22	116	.14	3	3.50	.03	.08	3	6
LE-87 6S 5+25W	1	77	7	117	.2	26	16	1194	4.94	5	5	ND	3	14	1	2	2	56	.16	.348	6	37	1.38	104	.03	2	4.00	.01	.06	1	36
LE-87 6S 5+00W	1	61	13	82	.2	22	13	2028	3.66	2	5	ND	2	20	1	2	2	51	.21	.077	5	29	1.45	122	.03	2	2.19	.01	.04	1	10
LE-87 6S 4+75W	1	82	18	87	.2	20	13	897	4.18	6	5	ND	2	15	1	2	2	54	.16	.257	5	34	1.31	104	.03	2	2.91	.01	.05	1	2
LE-87 6S 4+50W	1	36	9	86	.2	16	16	798	4.04	5	5	ND	2	13	1	2	5	53	.10	.105	4	30	1.43	82	.02	3	2.48	.01	.04	2	7
LE-87 6S 4+25W	1	17	8	60	.1	13	8	387	3.07	2	5	ND	1	14	1	2	4	41	.10	.030	4	22	1.02	62	.02	2	1.60	.01	.03	1	8
LE-87 6S 4+00W	1	119	16	138	.2	40	30	1160	7.75	12	5	ND	2	19	1	2	2	147	.23	.133	4	50	1.43	107	.17	5	4.34	.02	.05	1	8
LE-87 6S 3+75W	1	86	23	122	.3	26	20	1953	5.81	11	5	ND	1	41	1	2	2	94	.63	.076	3	34	1.48	114	.11	2	2.96	.04	.09	1	11
LE-87 6S 3+50W	1	96	29	134	.1	28	24	1886	7.56	12	5	ND	1	24	1	2	2	128	.34	.085	4	36	.91	188	.12	2	3.27	.02	.06	1	16
LE-87 6S 3+25W	1	41	15	106	.5	20	9	486	5.02	4	5	ND	2	12	1	2	2	107	.20	.081	4	33	.72	95	.11	2	2.68	.01	.06	1	1
LE-87 6S 3+00W	1	41	20	138	.3	27	11	644	4.39	6	5	ND	2	15	1	2	2	98	.28	.092	5	37	.92	112	.16	2	2.78	.02	.06	1	4
LE-87 6S 2+75W	4	20	11	68	.3	12	9	1094	3.91	4	5	ND	1	13	1	2	2	76	.30	.042	5	26	.56	72	.13	2	1.47	.01	.03	1	1
LE-87 6S 2+50W	1	104	14	86	.2	35	15	958	4.45	5	7	ND	2	10	1	2	2	111	.26	.062	4	66	.68	92	.20	2	2.81	.02	.06	2	2
LE-87 7S 11+00W	1	20	9	57	.1	14	8	264	3.55	2	5	ND	2	15	1	2	2	76	.21	.039	4	19	.47	65	.14	2	1.67	.01	.05	1	3
STD C/AU-S	19	59	41	133	6.9	66	26	950	3.94	39	15	7	33	47	16	15	19	58	.48	.095	35	55	.88	172	.08	37	1.72	.07	.15	13	52

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
LE-87 7S 10+75W	1	16	4	47	.1	9	5	310	2.80	3	5	ND	1	18	1	2	2	61	.21	.072	4	20	.40	54	.10	2	1.39	.01	.02	2	1
LE-87 7S 10+50W	1	9	2	51	.1	7	5	470	2.08	3	5	ND	1	14	1	2	2	45	.19	.079	4	17	.35	50	.09	2	1.14	.01	.03	2	1
LE-87 7S 10+25W	1	18	6	60	.1	8	7	273	3.20	2	5	ND	1	13	1	2	2	60	.17	.109	4	21	.38	57	.10	4	1.92	.01	.02	1	1
LE-87 7S 10+00W	1	35	4	71	.1	13	9	292	3.83	3	5	ND	2	15	1	3	2	78	.21	.060	4	24	.61	68	.13	2	2.46	.01	.04	1	1
LE-87 7S 9+75W	1	11	5	55	.1	6	4	169	2.36	2	5	ND	1	16	1	2	2	52	.24	.078	3	14	.35	66	.10	2	1.15	.01	.02	2	1
LE-87 7S 9+50W	1	26	5	63	.1	14	7	257	2.99	4	5	ND	2	12	1	4	2	64	.21	.082	4	18	.44	63	.10	2	1.80	.02	.03	1	4
LE-87 7S 9+25W	1	33	5	80	.1	13	9	566	3.72	4	5	ND	2	12	1	2	2	72	.20	.161	4	20	.53	103	.12	2	2.33	.02	.04	1	3
LE-87 7S 9+00W	1	59	9	67	.4	14	13	496	3.78	4	5	ND	2	14	1	3	2	77	.19	.048	5	22	.80	115	.12	6	2.76	.01	.07	2	2
LE-87 7S 8+75W	1	39	6	60	.2	11	9	497	3.07	2	5	ND	1	12	1	2	2	71	.25	.056	4	17	.49	94	.09	4	1.94	.02	.04	1	1
LE-87 7S 8+50W	1	50	8	61	.1	12	11	326	3.54	5	5	ND	1	14	1	2	2	79	.26	.053	6	20	.57	81	.12	4	2.43	.02	.04	1	6
LE-87 7S 8+25W	1	62	3	45	.1	12	10	267	3.15	6	5	ND	1	12	1	2	3	78	.26	.065	7	19	.49	66	.11	2	2.82	.02	.03	1	3
LE-87 7S 8+00W	3	115	10	77	.2	74	23	779	4.38	10	7	ND	1	30	1	2	2	92	.64	.066	7	136	1.37	140	.14	5	2.45	.03	.06	1	5
LE-87 7S 7+75W	2	106	6	76	.1	79	22	556	4.72	7	5	ND	1	22	1	2	2	104	.52	.069	6	173	1.49	92	.14	6	2.19	.03	.07	1	3
LE-87 7S 7+25W	2	118	11	80	.2	84	24	900	5.21	8	9	ND	1	24	1	2	2	113	.48	.050	7	178	1.83	81	.17	6	2.99	.02	.04	1	6
LE-87 7S 7+00W	1	94	10	93	.2	30	21	1694	5.08	7	5	ND	1	40	1	2	2	114	.51	.065	8	84	1.55	56	.22	6	3.19	.01	.03	1	4
LE-87 7S 6+75W	1	59	8	89	.1	33	18	531	5.62	6	5	ND	1	42	1	2	2	133	.39	.065	4	90	2.28	31	.30	7	2.52	.01	.05	1	1
LE-87 7S 6+50W	1	89	10	110	.1	31	24	2015	5.78	6	5	ND	1	39	1	2	2	104	.59	.098	5	105	1.86	83	.13	3	3.46	.01	.05	1	1
LE-87 7S 6+25W	1	48	11	115	.2	29	21	1115	5.92	11	5	ND	2	28	1	2	3	92	.23	.245	4	93	1.47	83	.12	5	3.66	.01	.04	1	5
LE-87 7S 6+00W	1	118	8	81	.1	38	21	723	5.14	6	5	ND	1	37	1	2	2	107	.34	.064	5	91	1.96	59	.19	2	3.29	.01	.05	1	1
LE-87 7S 5+75W	1	54	11	98	.1	12	12	1048	4.38	6	8	ND	1	16	1	3	3	87	.25	.233	4	31	.52	54	.09	7	2.97	.02	.04	1	1
LE-87 7S 5+50W	1	115	10	76	.2	19	14	685	4.51	5	6	ND	2	21	1	2	2	113	.36	.093	7	48	1.12	63	.17	2	3.26	.02	.06	2	1
LE-87 7S 5+25W	1	116	7	79	.1	30	17	809	4.85	6	5	ND	1	19	1	2	3	97	.31	.171	6	58	1.05	63	.14	4	3.76	.02	.04	1	1
LE-87 7S 5+00W	1	56	11	70	.1	15	12	707	4.98	3	5	ND	1	18	1	2	2	109	.35	.139	4	43	.50	89	.13	7	2.15	.02	.04	1	2
LE-87 7S 4+75W	1	287	14	64	.6	33	24	925	5.47	9	10	ND	3	16	1	4	3	104	.24	.074	9	167	.78	77	.17	8	4.96	.02	.05	1	1
LE-87 7S 4+50W	1	98	12	72	.3	21	14	1334	4.29	6	5	ND	1	29	1	2	2	117	.67	.060	5	86	.66	202	.13	5	2.36	.03	.05	1	6
LE-87 7S 4+25W	1	97	19	77	.8	11	13	468	4.48	9	5	ND	1	30	1	2	2	98	.89	.068	12	47	.74	78	.08	4	2.79	.02	.04	1	1
LE-87 7S 4+00W	1	83	14	105	.3	16	13	2448	3.85	4	5	ND	1	19	1	2	2	73	.48	.131	5	37	.62	137	.07	5	2.55	.02	.04	1	1
LE-87 7S 3+75W	1	125	12	106	.2	23	15	1563	4.79	7	5	ND	1	16	1	2	2	98	.31	.190	7	54	.71	142	.13	2	2.72	.02	.04	2	1
LE-87 7S 3+50W	1	79	16	96	.3	27	19	938	5.63	8	9	ND	2	14	1	2	2	97	.22	.204	5	59	1.02	102	.09	4	3.29	.02	.05	1	1
LE-87 8S 11+50W	1	39	2	63	.1	13	9	417	3.73	3	5	ND	2	12	1	2	2	74	.18	.112	4	22	.52	61	.12	3	2.21	.01	.03	1	4
LE-87 8S 11+25W	1	48	11	63	.1	12	9	473	3.03	2	5	ND	1	15	1	2	2	66	.28	.092	5	19	.54	81	.11	6	2.02	.02	.05	1	1
LE-87 8S 11+00W	10	69	9	83	.3	17	11	480	3.94	2	5	ND	2	16	1	3	2	81	.24	.132	7	32	.79	66	.15	4	2.89	.01	.05	1	1
LE-87 8S 10+75W	1	52	8	94	.1	22	16	491	4.49	5	5	ND	2	22	1	2	2	88	.32	.107	3	47	1.23	84	.18	3	2.99	.01	.05	1	1
LE-87 8S 10+50W	1	28	8	63	.2	10	9	524	3.36	2	5	ND	2	12	1	3	2	73	.18	.120	4	20	.42	85	.09	2	2.22	.02	.03	1	1
LE-87 8S 10+25W	1	38	7	58	.2	10	9	378	3.44	6	5	ND	2	11	1	3	2	72	.18	.104	5	19	.48	61	.11	5	2.23	.01	.04	1	1
STD C/AU-S	19	59	40	133	7.0	67	27	952	3.94	40	18	7	32	46	16	15	19	58	.48	.093	34	56	.88	172	.08	34	1.72	.07	.13	13	49

ASHWORTH EXPLORATION PROJECT - LACY FILE # 87-0524

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
LE-87 8S 10+00W	1	66	24	86	.1	32	15	730	4.32	12	5	ND	1	18	1	2	2	70	.36	.089	7	49	1.16	66	.15	2	2.18	.01	.04	1	1
LE-87 8S 9+75W	1	70	7	62	.3	15	12	436	3.50	9	5	ND	4	14	1	3	2	76	.28	.101	10	22	.83	82	.11	4	2.60	.02	.06	1	2
LE-87 8S 9+50W	1	51	12	90	.2	12	12	763	3.74	6	5	ND	2	15	1	2	2	72	.30	.121	10	20	.62	91	.09	4	2.61	.02	.04	1	1
LE-87 8S 9+25W	1	66	16	79	.1	16	13	742	3.77	12	5	ND	2	14	1	2	3	76	.23	.098	10	25	.86	78	.12	2	2.93	.01	.07	1	1
LE-87 8S 9+00W	1	61	14	77	.3	30	12	676	3.12	6	6	ND	2	25	1	3	2	61	.67	.067	9	43	.86	89	.10	2	1.86	.02	.04	1	2
LE-87 8S 8+75W	2	101	12	60	.1	64	20	480	4.57	8	5	ND	2	23	1	2	2	104	.50	.063	6	146	1.34	98	.14	2	1.99	.03	.07	1	2
LE-87 8S 8+50W	2	107	7	63	.1	72	21	543	4.51	12	5	ND	1	26	1	2	2	96	.54	.060	6	143	1.46	114	.14	2	2.24	.02	.07	1	2
LE-87 8S 8+25W	2	106	9	75	.1	63	19	570	4.13	11	5	ND	1	23	1	2	2	92	.54	.072	6	128	1.31	100	.12	5	2.07	.02	.06	1	1
LE-87 8S 8+00W	1	90	8	72	.2	47	18	509	5.11	11	5	ND	2	13	1	2	5	111	.28	.102	5	106	.97	71	.14	2	3.01	.02	.04	1	2
LE-87 8S 7+75W	1	51	11	72	.1	13	10	650	3.37	5	5	ND	1	19	1	2	2	77	.27	.153	3	28	.53	89	.09	2	1.71	.02	.03	1	1
LE-87 8S 7+50W	1	52	10	117	.3	24	17	1180	4.66	11	5	ND	1	40	1	2	2	79	.42	.268	4	47	1.40	146	.13	4	2.67	.01	.04	1	1
LE-87 8S 7+25W	1	89	14	92	.3	47	22	683	5.68	7	5	ND	2	34	1	2	2	109	.35	.097	4	114	2.82	36	.21	2	3.47	.01	.03	1	1
LE-87 8S 7+00W	1	94	10	128	.2	58	29	983	6.28	9	5	ND	1	35	1	2	2	118	.51	.137	4	160	3.54	42	.22	2	3.68	.01	.03	1	1
LE-87 8+50S 8+50W	1	118	16	102	.4	39	29	1590	5.73	11	5	ND	1	39	1	2	2	130	.65	.059	3	91	2.00	69	.19	2	2.85	.01	.05	1	1
LE-87 8+50S 8+25W	1	102	18	108	.3	38	24	937	4.59	9	7	ND	1	42	1	2	2	105	.95	.081	3	74	2.02	53	.15	2	2.55	.01	.12	1	1
LE-87 8+50S 8+00W	1	87	10	111	.2	35	27	1535	5.32	15	5	ND	1	43	1	2	2	91	.61	.196	4	102	1.56	82	.13	3	2.61	.01	.05	1	1
LE-87 9S 12+00W	1	50	19	82	.1	24	15	533	4.03	6	5	ND	2	15	1	2	2	83	.29	.063	6	45	1.07	67	.13	4	2.54	.01	.05	1	1
LE-87 9S 11+75W	1	45	8	48	.1	14	9	335	2.90	5	5	ND	1	15	1	2	2	67	.41	.071	6	24	.56	75	.09	4	1.65	.02	.05	2	1
LE-87 9S 11+50W	1	43	9	48	.1	14	7	254	3.29	4	5	ND	2	13	1	2	2	82	.30	.034	4	26	.51	73	.10	8	1.81	.02	.04	2	1
LE-87 9S 11+25W	1	105	6	65	.1	51	19	507	4.65	7	5	ND	3	15	1	2	2	109	.32	.048	14	97	1.36	78	.18	8	2.94	.03	.06	1	1
LE-87 9S 11+00W	1	52	6	69	.2	18	13	415	4.70	4	5	ND	2	18	1	2	2	106	.34	.034	7	37	1.11	67	.18	5	2.34	.01	.05	1	1
LE-87 9S 10+75W	2	97	12	63	.1	65	20	663	4.36	7	6	ND	2	25	1	2	3	96	.54	.064	7	129	1.27	114	.13	3	2.17	.03	.05	1	6
LE-87 9S 10+50W	3	110	8	64	.1	86	23	474	5.14	9	5	ND	1	15	1	2	2	105	.30	.045	7	176	1.56	88	.16	3	2.82	.02	.04	1	1
LE-87 9S 10+25W	3	104	9	62	.1	79	24	715	4.82	8	5	ND	2	17	1	3	2	96	.38	.050	8	156	1.51	104	.13	3	2.58	.03	.04	1	3
LE-87 9S 10+00W	2	103	10	73	.2	69	22	567	5.05	9	5	ND	1	17	1	2	2	98	.39	.039	6	117	1.38	86	.14	6	2.61	.02	.03	1	1
LE-87 9S 9+75W	1	92	3	29	.1	11	6	146	2.87	12	5	ND	1	12	1	2	2	76	.37	.188	8	32	.33	48	.09	7	3.72	.02	.02	1	24
LE-87 9S 9+50W	1	46	6	80	.2	11	13	677	4.45	6	6	ND	2	20	1	3	2	86	.29	.149	4	33	.57	49	.15	2	2.17	.02	.03	2	1
LE-87 9S 9+25W	1	20	10	66	.1	7	9	345	4.47	7	5	ND	2	21	1	2	2	91	.30	.082	3	25	.38	44	.20	6	1.24	.01	.04	1	1
LE-87 9S 8+75W	1	30	9	73	.2	9	14	506	4.22	4	5	ND	1	24	1	2	2	109	.35	.102	3	39	.60	45	.19	5	1.61	.02	.04	1	1
LE-87 9S 8+50W	1	100	16	117	.3	37	27	1230	5.33	13	5	ND	1	47	1	2	2	119	.97	.084	3	87	2.44	51	.14	8	2.90	.01	.09	1	1
LE-87 22N 0+50E	1	23	7	55	.1	7	5	300	3.25	3	5	ND	1	13	1	2	2	89	.29	.095	4	22	.23	83	.09	3	2.13	.02	.03	1	1
LE-87 22N 1+00E	1	38	8	46	.1	10	6	161	2.91	2	5	ND	1	11	1	2	2	79	.19	.062	3	23	.35	60	.12	4	2.74	.02	.02	2	2
STD C/AU-S	19	58	39	133	6.8	65	27	949	3.94	41	14	7	31	45	16	15	19	57	.48	.092	37	55	.88	171	.08	34	1.72	.06	.12	13	48

ACME ANALYTICAL LABORATORIES LTD. 852 E.HASTINGS ST.VANCOUVER B.C. V6A 1R6 PHONE 253-3158 DATA LINE 251-1011

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.CR.MG.BA.TI.B.AL.NA.K.W.SI.ZR.CE.SN.Y.NB AND TA. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK CHIPS AU** ANALYSIS BY FA+AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: FEB 25 1987 DATE REPORT MAILED: Feb 28/87 ASSAYER. D. Toye .DEAN TOYE. CERTIFIED B.C. ASSAYER.

ASHWORTH EXPLORATION PROJECT - LADY FILE # 87-0532 PAGE 1

Rock Unit	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
Quartz vein	JF-1 LE87-38	1	72	12	70	.1	9	14	652	3.95	2	5	ND	2	20	1	2	2	30	.49	.142	7	6	1.51	52	.12	5	2.05	.01	.25	1	1
"	JF-2 LE87-39	1	7	4	18	.1	12	4	750	1.10	3	5	ND	1	3	1	2	3	13	.05	.021	2	10	.55	13	.01	3	.57	.01	.03	1	4
SSpy	JF-3 LE87-40	1	418	9	45	.2	7	19	596	4.75	2	5	ND	3	76	1	2	2	119	4.33	.149	5	9	.43	90	.25	6	2.62	.18	.09	1	1

APPENDIX B

Copy of

Order-In-Council 3037

September 25, 1975

re

Sahtlam-Dunsmuir Power Transmission Line

3037

APPROVED AND ORDERED 25 SEP 1975

Lieutenant-Governor

EXECUTIVE COUNCIL CHAMBERS, VICTORIA 25 SEP 1975

Pursuant to the Mineral Act, and upon the recommendation of the undersigned, the Lieutenant-Governor, by and with the advice and consent of the Executive Council, orders that no person may locate or mine in or upon the following described lands in the Nanaimo and Victoria Mining Divisions, Alberni, Cameron, Cowichan Lake, Douglas, Dunsmuir, Nanoose, Newcastle and Seymour Land Districts:

An area one mile wide being one-half mile on each side of the center line of the right-of-way of the proposed British Columbia Hydro and Power Authority V.I.T. (Sahtlam) - Dunsmuir transmission line as shown on maps 1 to 13, Volume 378, File 113, in the office of the Chief Gold Commissioner, Department of Mines and Petroleum Resources, Victoria, British Columbia,

except in accordance with and subject to the following terms and conditions:

(a) That any free miner who locates or applies for a mineral claim and obtains a record thereof or who obtains a lease issued under the Mineral Act shall do so at his own risk and shall not interfere or allow any person exploring, developing, mining, or working in any way the said claim or leasehold to obstruct or to interfere in any manner with the exercise of any right, whether existing or subsequently granted, or any other person to flood, or to occupy for any purpose connected with the development of hydroelectric power, the areas reserved, or to construct, operate and maintain any work done or structure erected for any of the foregoing purposes and the free miner shall not be entitled to compensation for any damage which may be done to his mining operation, plant or equipment by the aforesaid exercise of any right whether existing or subsequently granted;

(b) No free miner shall carry on any mining operation within fifteen hundred feet of any dam, conduit, water tunnel, spillway or power plant, or within five hundred feet of any transmission line or any other work or structure which may be erected in the areas reserved except with the permission of the Chief Inspector of Mines;

(c) The free miner shall before making application to record a mineral claim or before making application for a mineral lease under the Mineral Act, execute and deliver to the Gold Commissioner a release, in quadruplicate, in favour of Her Majesty in right of the Province of British Columbia and licencees, assignees, agents and servants from any cause of action, claim, demand or action, which he may at any time have or allege as the result of any exploration, development, mining or working of any area which may be included in a placer claim, a mineral claim, a placer lease or a mineral lease issued under the Mineral Act or as the result of occupation of any land for any purpose connected with the development of hydroelectric power or as the result of any structure, operation, or maintenance of any work done or structure erected for any of the purposes set forth in paragraph (a);

(d) The benefit of the conditions set forth in this order inures to the Crown and its agents, to persons contracting with the Crown with respect to the development of the areas reserved and to licencees under the Water Act.

Minister of Mines and Petroleum Resources

Presiding Member of the Executive Council

APPENDIX C

Report By:

CGR CONSULTING SERVICES

Re:

E & N RAILWAY LAND GRANT

CGR CONSULTING SERVICES

Land and Mineral Title Status
Administrative Services
(604) 595-2716

2328 Dunlevy Street
Victoria, British Columbia
V8R 5Y9

January 26, 1988

Carlsbad Ventures Inc.,
Ste. 300 - 800 West Pender Street,
Vancouver, B.C.
V6C 2V8

Dear Sir:

At the request of Mr. G. Hardy, Barrister and Solicitor, I am enclosing documents obtained following my search of the records in the Land Titles Office.

I am also enclosing a portion of National Topographic Map 92B/13 on which there has been outlined in red the location of your mineral claims as they are plotted on the mineral titles map from the information provided by the staker. The location of the claims on the ground may differ from that shown on the titles map. If this were the case, the E & N Blocks which appear to be in conflict may differ from those searched. I have searched those E & N Blocks which appear to conflict with the mineral claims as plotted. Copies of relevant documents resulting from my search are enclosed. The appropriate proviso has been highlighted in yellow.

My search did not include a title search to determine the name of the present registered owner nor did I determine whether or not there were any additional undersurface charges. This information could be provided if you so desire.

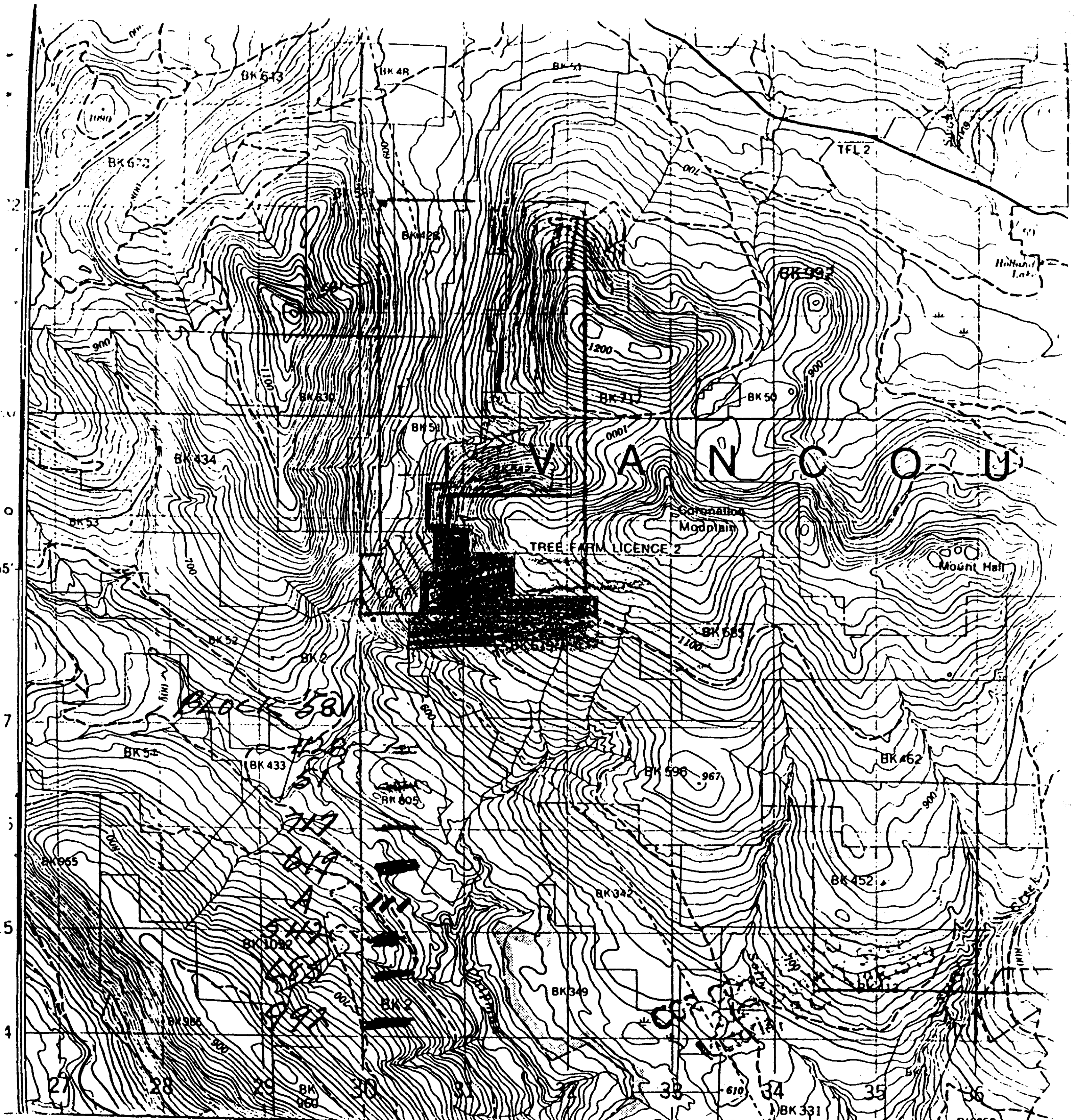
I am taking the liberty of enclosing my invoice for this portion of the project. Also, please note the enclosed indemnity form.

A copy of this letter is being forwarded to Mr. Garnet W. Hardy, Barrister and Solicitor, at his request.

Yours truly,

Ray Rutherford,
Consultant

Enclosures


BK 643
BK 48
BK 670
TFL 2
BK 428
BK 992
BK 830
BK 717
BK 50
BK 51
BK 434
V A N C O U
Coronation Mountain
TREE FARM LICENCE 2
Mount Hall
BK 53
BK 52
BK 2
BK 585
BLOCK 581
BK 433
BK 805
BK 596
967
BK 462
BK 955
BK 342
BK 452
BK 1082
BK 349
BK 986
BK 960
BK 331
BK 262
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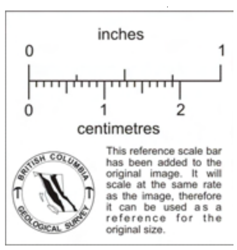
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centimetres
BRITISH COLUMBIA
GEOLOGICAL SURVEY
This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

4991 FOR YEAR SEE

This Indenture,

made this *fifth* day of *December* in the year of Our Lord one thousand nine hundred and *thirty-eight*

Between the ESQUIMALT AND NANAIMO RAILWAY COMPANY, hereinafter called "the Company," of the one part, and *Canadian Western Lumber Company Limited,*

1125 Marine Building, Vancouver, B.C. hereinafter called "the Purchaser," of the other part,

Witnesseth, that in consideration of the sum of *Nine thousand*

dollars ($*9000.00*)

of lawful money of Canada paid by the Purchaser to the Company the receipt whereof the Company doth hereby acknowledge, the Company doth hereby, subject always to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter referred to or hereinafter contained and set forth, Grant and Convey unto the Purchaser *its successors* heirs and assigns All that parcel or tract of land situate, lying and being in the district of *Cowichan Lake* Vancouver Island, in the Province of British Columbia, and more particularly known, numbered and described as

Block 428 Cowichan Lake

District aforesaid,

as described in Schedule attached hereto, and said to contain *seven hundred and sixty four* acres, more or less, and more particularly shown upon the plan or tracing hereunto annexed and thereon colored red, To have and To hold the said land unto and to the use of the Purchaser *its successors* heirs and assigns forever, subject nevertheless and always to the reservations, limitations, provisos and conditions expressed and contained in the original grant thereof from and by the Crown, and to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter contained and set forth, that is to say:—

Saving and Reserving and there is hereby reserved to the Company, its successors and assigns, out of the grant and conveyance hereby made all coal, oil and fire-clay, and all mines and minerals already found and existing or which may be found to exist within, upon or under the said land, together with the full, free and absolute right, liberty, privilege, power and authority for all time to come, by its and their officers, contractors, agents, servants, and workmen to enter into and upon the said land to search, examine and prospect for coal, oil and fire-clay, mines and minerals as aforesaid, with such full liberty of ingress, egress and regress for all time to come as may reasonably be required for all or any such purposes, and the full, free and absolute right, liberty, privilege, power and authority for all time to come by its and their officers, contractors, agents, servants and workmen as aforesaid to enter into and upon the said land, and to mine, bore, dig, win, get and carry away all the coal, oil and fire-clay, and all minerals in, upon and under the same, whether in mines, veins, pits, beds, basins or deposits or in admixture of formations, or otherwise howsoever existing, and to sink, drive, make and use mines, tunnels, open cuts, shafts, drifts, adits, courses, wells, flumes, pipes, pipe lines and water courses, and erect and set up, maintain and operate buildings, tanks, power houses, erections, fire, electrical and other engines and machinery, and such other works and appliances as may be requisite or necessary for generating power, and to open, construct, maintain and use railways, tramways, pipe lines, roads and ways, in, upon and under and over the said land, or any part or parts thereof for the purpose of conveniently working, mining, boring, digging, winning, getting and carrying away the said coal, oil, and fire-clay, mines and minerals, with such full liberty of ingress, egress and regress for all time to come, in, over and upon the said land, as may reasonably be required for all or any such purposes.

Vict.

THIS INDENTURE made this thirty first day of January A.D. one thousand nine hundred and five between the ESQUIMALT AND NANAIMO RAILWAY COMPANY hereinafter called the Company of the one part and the EVERETT TIMBER and INVESTMENT COMPANY and the INTERNATIONAL TIMBER COMPANY both being Companies incorporated under the laws of the State of Washington United States of America hereinafter called the Purchasers of the other part WITNESSETH that in consideration of the sum of Two hundred and fifty seven thousand five hundred and eighty dollars paid by the said Purchasers to the said Company the receipt of which said sum of Two hundred and fifty seven thousand five hundred and eighty dollars the said Company do hereby acknowledge and of and from the same and every part thereof do hereby acquit and release the said Purchasers their successors and assigns THEY the said Company do hereby grant and convey unto the said Purchasers their successors and assigns ALL those pieces or parcels of land situated in the Districts of Comox Alberni Newcastle Dunsmuir Cowichan Lake and Bright Vancouver Island in the Province of British Columbia which are more particularly described in the schedule hereunder written and are for greater clearness delineated or shown and coloured red on the Maps and Plans contained in a volume which was deposited in the Land Registry Office in the City of Victoria on the 27th day of January 1905 and numbered 789 And which said pieces or parcels of land are said to contain Thirty four thousand three hundred and forty four acres more or less TO HAVE

AND TO HOLD the said lands UNTO AND TO THE USE of the said Purchasers their successors and assigns for ever as tenants in Common in equal shares subject nevertheless to the reservations hereinafter mentioned that is to say SAVING AND RESERVING ~~also~~ to the said Company their successors and assigns rights of way for their Railway through the said lands and the right for themselves their agents servants contractors and workmen to enter upon and take such parts of the said lands as may be required for the stations and workshops of the said Company without paying compensation therefor.

AND SAVING AND RESERVING to the said Company their successors and assigns all coal coal oil ores mines minerals and quarries whatsoever in or under the lands hereby granted or expressed so to be with full liberty of ingress egress and regress at all times for the said Company their successors and assigns and their servants agents and workmen in to and upon the said lands and either with or without railways horses or other cattle carts and wagons and other carriages for the purpose of searching for working getting and carrying away the said coal coal oil mines minerals and quarries and with full liberty also for the said Company their successors and assigns and their servants agents and workmen to sink drive make and use pits shafts drifts adits courses and water courses and to erect and set up fire and other engines machinery and works and to open roads in upon under and over the said lands or any part or parts thereof for the purpose of more conveniently working and carrying away

AFS Vol 22
Folio 235 4.

BLOCK.	DISTRICT.	ACRES.
	Brought forward	5904
42.	Comox District	754
43	" "	1780
44.	" "	860
45.	" "	584
46.	" "	2490
60	Alberni "	1605
62.	Newcastle "	6470
58.	Dunsmuir "	250
59	" "	1925
61	" "	160
63	" "	243
64	" "	633
65	" "	500
66.	" "	1101
67	" "	590
68	" "	1533
55.	Cowichan Lake "	228
56.	" " "	515
57.	" " "	1140
47	" " and Bright District	1020
48.	" " " "	160
49.	" " " "	753
50.	" " " "	602
51.	" " " "	989
52.	" " " "	321
53	" " " "	383
54.	" " " "	851
	Total	34344
		15522

Wm E Pole Surveyor

396 F

31110-1

This Indenture,

made this sixteenth day of April in the year of Our Lord one thousand nine hundred and forty two

Between the ESQUIMALT AND NANAIMO RAILWAY COMPANY, hereinafter called "the Company," of the one part, and Hillcrest Lumber Company Limited, Duncan, B.C.

hereinafter called "the Purchaser" of the other part,

Witnesseth, that in consideration of the sum of Thirty four thousand six hundred and seven 60/100 $

dollars ($ 34,607.60)

of lawful money of Canada paid by the Purchaser to the Company, the receipt whereof the Company doth hereby acknowledge, the Company doth hereby, subject always to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter referred to or hereinafter contained and set forth, Grant and Convey unto the Purchaser its successors heirs and assigns All that parcel or tract of land situate, lying and being in the district of Cowichan Lake Vancouver Island, in the Province of British Columbia, and more particularly known, numbered and described as Block 619 Cowichan Lake

District aforesaid,

as described in Schedule attached hereto, and said to contain nine hundred and thirty three acres, more or less, and more particularly shown upon the plan or tracing hereunto annexed and thereon colored red. To have and To hold the said land unto and to the use of the Purchaser its successors heirs and assigns forever, subject nevertheless and always to the reservations, limitations, provisos and conditions expressed and contained in the original grant thereof from and by the Crown, and to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter contained and set forth, that is to say:—

31110-1

REGISTERED THE 27 DAY OF May 1942

in the Land Registry Office, Victoria, B.C. BOOK 511 ON

APPLICATION RECEIVED THE 26 DAY OF May

1942 AT THE HOUR OF 10:09 a.m.

A. J. Crane

REGISTRAR

Saving and Reserving and there is hereby reserved to the Company its successors and assigns, out of the grant and conveyance hereby made all coal, oil and fire-clay, and all mines and minerals already found and existing or which may be found to exist within, upon or under the said land, together with the full, free and absolute right, liberty, privilege, power and authority for all time to come, by its and their officers, contractors, agents, servants, and workmen to enter into and upon the said land to search, examine and prospect for coal, oil and fire-clay, mines and minerals as aforesaid, with such full liberty of ingress, egress and regress for all time to come as may reasonably be required for all or any such purposes, and the full, free and absolute right, liberty, privilege, power and authority for all time to come by its and their officers, contractors, agents, servants and workmen as aforesaid to enter into and upon the said land, and to mine, bore, dig, win, get and carry away all the coal, oil and fire-clay, and all minerals in, upon and under the same, whether in mines, veins, pits, beds, basins or deposits or in admixture of formations, or otherwise howsoever existing, and to sink, drive, make and use mines, tunnels, open cuts, shafts, drifts, adits, courses, wells, flumes, pipes, pipe lines and water courses, and erect and set up, maintain and operate buildings, tanks, power houses, erections, fire, electrical and other engines and machinery, and such other works and appliances as may be requisite or necessary for generating power, and to open, construct, maintain and use railways, tramways, pipe lines, roads and ways in, upon and under and over the said land, or any part or parts thereof for the purpose of conveniently working, mining, boring, digging, winning, getting and carrying away the said coal, oil, and fire-clay, mines and minerals, with such full liberty of ingress, egress and regress for all time to come, in, over and upon the said land, as may reasonably be required for all or any such purposes.

125 - H

FOR PLAN SEE 29907S-I

This Indenture,

made the Twenty-fifth — day of February —

One thousand nine hundred and ~~fifty~~ sixty ——————————————

In Pursuance of the "Short Form of Deeds Act"

Between:

ESQUIMALT AND NANAIMO RAILWAY COMPANY
(hereinafter called "the Company")

Of the One Part.

And: CANADIAN WESTERN LUMBER COMPANY, LIMITED ——————————
—————— 1800 Burrard Building, ——————————
—————— Vancouver 5, B. C. ——————————

(hereinafter called "the Purchaser")

Of the Other Part.

Witnesseth that in consideration of Thirty-seven thousand five hundred ——————
—— DOLLARS ($ 37,500.00) of lawful money of Canada paid by the Purchaser to the Company, the receipt whereof is hereby by the Company acknowledged, the Company doth grant unto the Purchaser its successors — ~~xxxx~~ and assigns forever. ALL that parcel or tract of land situate, lying and being in the District of Cowichan Lake ——
—————— Vancouver Island, in the Province of British Columbia, and more particularly known, numbered and described as ——————————
— Block Seven hundred and seventeen (717) ——————————

—— Cowichan Lake District aforesaid, and said to contain One thousand two hundred and forty-four (1244) ——————
—————— acres, more or less, as shown outlined in red upon the plan hereunto annexed. **But Subject Nevertheless** to the reservations, limitations, provisos and conditions expressed in the original grant thereof from the Crown, and

Excepting and Reserving unto the Company, its successors and assigns all minerals within, upon or under the said lands, including, without restricting the generality thereof, all coal, petroleum, natural gases and fire-clay, and all mines, quarries, pits, veins, beds, strata, seams or basins containing the said minerals. **And Also Reserving** to the Company, its successors and assigns:—

(a) The full, free and absolute right, privilege, power and authority to enter into, in and upon the said lands, or so much thereof and to such an extent as may be necessary for the effectual searching for, working by any means whatsoever, procuring and carrying away the said minerals or any of them.

Provided that the Purchaser shall be entitled to reasonable compensation for such part of the said lands, or improvements thereon, as may be actually occupied by the Company pursuant to the right

NO. 29907S-I
REGISTERED THE ... DAY OF ... 19—
IN ...
APPLICATION ...
19— ...

545 F

FOR PLAN SEE 12088 - 1

This Indenture,

made this *fifteenth* — day of *January* —

in the year of Our Lord one thousand nine hundred and *forty one* ———

Between the ESQUIMALT AND NANAIMO RAILWAY COMPANY, hereinafter called "the Company," of the one part, and *Canadian Western Lumber Company Limited,* ———

1125 Marine Building, Vancouver B.C. — hereinafter called "the Purchaser—" of the other part,

Witnesseth, that in consideration of the sum of *Eighteen thousand* ———

——— dollars ($*18,000.00* —)

of lawful money of Canada paid by the Purchaser— to the Company, the receipt whereof the Company doth hereby acknowledge, the Company doth hereby, subject always to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter referred to or hereinafter contained and set forth, Grant and Convey unto the Purchaser *its successors* — heirs and assigns All that parcel or tract of land situate, lying and being in the district of *Cowichan Lake* ———

——— Vancouver Island, in the Province of British Columbia, and more particularly known, numbered and described as

Block 631 Cowichan Lake - ———

——— ——— District aforesaid,

as described in Schedule attached hereto, and said to contain *five hundred and forty one* ——— acres, more or less, and more particularly shown upon the plan or tracing hereunto annexed and thereon colored red. **To have** and **To hold** the said land unto and to the use of the Purchaser *its* — — *successors* — heirs and assigns forever, subject nevertheless and always to the reservations, limitations, provisos and conditions expressed and contained in the original grant thereof from and by the Crown, and to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter contained and set forth, that is to say:— ———

Saving and Reserving and there is hereby reserved to the Company its successors and assigns, out of the grant and conveyance hereby made all coal, oil and fire-clay, and all mines and minerals already found and existing or which may be found to exist within, upon or under the said land, together with the full, free and absolute right, liberty, privilege, power and authority for all time to come, by its and their officers, contractors, agents, servants, and workmen to enter into and upon the said land to search, examine and prospect for coal, oil a d fire-clay, mines and minerals as aforesaid, with such full liberty of ingress, egress and regress for all time to come as may reasonably be required for all or any such purposes, and the full, free and absolute right, liberty, privilege, power and authority for all time to come by its and their officers, contractors, agents, servants and workmen as aforesaid to enter into and upon the said land, and to mine, bore, dig, win, get and carry away all the coal, oil and fire-clay, and all minerals in, upon and under the same, whether in mines, veins, pits, beds, basins or deposits or in admixture of formations, or otherwise howsoever existing, and to sink, drive, make and use mines, tunnels, open cuts, shafts, drifts, adits, courses, wells, flumes, pipes, pipe lines and water courses, and erect and set up, maintain and operate buildings, tanks, power houses, erections, fire, electrical and other engines and machinery, and such other works and appliances as may be requisite or necessary for generating power, and to open, construct, maintain and use railways, tramways, pipe lines, roads and ways in, upon and under and over the said land, or any part or parts thereof for the purpose of conveniently working, mining, boring, digging, winning, getting and carrying away the said coal, oil, and fire-clay, mines and minerals, with such full liberty of ingress, egress and regress for all time to come, in, over and upon the said land, as may reasonably be required for all or any such purposes.

513 F FOR PLAN SEE ——— 120610 I ✓

This Indenture,

made this eleventh day of June in the year of Our Lord one thousand nine hundred and forty

Between the ESQUIMALT AND NANAIMO RAILWAY COMPANY, hereinafter called "the Company," of the one part, and Canadian Western Lumber Company Limited,

1125 Marine Building, Vancouver, B.C. hereinafter called "the Purchaser" of the other part,

Witnesseth, that in consideration of the sum of Twenty two Thousand five hundred and twenty seven 76/100

dollars ($22,527.76)

of lawful money of Canada paid by the Purchaser to the Company, the receipt whereof the Company doth hereby acknowledge, the Company doth hereby, subject always to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter referred to or hereinafter contained and set forth, Grant and Convey unto the Purchaser its successors heirs and assigns All that parcel or tract of land situate, lying and being in the district of Cowichan Lake Vancouver Island, in the Province of British Columbia, and more particularly known, numbered and described as

Block 531	75 acres
Block 541	477 "
Block 542	220 "
	772

Cowichan Lake District aforesaid,

as described in Schedule attached hereto, and said to contain seven hundred and seventy two acres, more or less, and more particularly shown upon the plan or tracing hereunto annexed and thereon colored red, To have and To hold the said land unto and to the use of the Purchaser its successors heirs and assigns forever, subject nevertheless and always to the reservations, limitations, provisos and conditions expressed and contained in the original grant thereof from and by the Crown, and to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter contained and set forth, that is to say:—

Saving and Reserving and there is hereby reserved to the Company, its successors and assigns, out of the grant and conveyance hereby made all coal, oil and fire-clay, and all mines and minerals already found and existing or which may be found to exist within, upon or under the said land, together with the full, free and absolute right, liberty, privilege, power and authority for all time to come, by its and their officers, contractors, agents, servants, and workmen to enter into and upon the said land to search, examine and prospect for coal, oil and fire-clay, mines and minerals as aforesaid, with such full liberty of ingress, egress and regress for all time to come as may reasonably be required for all or any such purposes, and the full, free and absolute right, liberty, privilege, power and authority for all time to come by its and their officers, contractors, agents, servants and workmen as aforesaid to enter into and upon the said land, and to mine, bore, dig, win, get and carry away all the coal, oil and fire-clay, and all minerals in, upon and under the same, whether in mines, veins, pits, beds, basins or deposits or in admixture of formations, or otherwise howsoever existing, and to sink, drive, make and use mines, tunnels, open cuts, shafts, drifts, adits, courses, wells, flumes, pipes, pipe lines and water courses, and erect and set up, maintain and operate buildings, tanks, power houses, erections, fire, electrical and other engines and machinery, and such other works and appliances as may be requisite or necessary for generating power, and to open, construct, maintain and use railways, tramways, pipe lines, roads and ways, in, upon and under and over the said land, or any part or parts thereof for the purpose of conveniently working, mining, boring, digging, winning, getting and carrying away the said coal, oil, and fire-clay, mines and minerals, with such full liberty of ingress, egress and regress for all time to come, in, over and upon the said land, as may reasonably be required for all or any such purposes.

LC

638 F

137562

This Indenture,

made this sixteenth day of July in the year of Our Lord one thousand nine hundred and forty three

Between the ESQUIMALT AND NANAIMO RAILWAY COMPANY, hereinafter called "the Company," of the one part, and Hillcrest Lumber Company Limited, Duncan, B.C.

hereinafter called "the Purchaser" of the other part,

Witnesseth, that in consideration of the sum of Sixteen thousand one hundred and ninety eight 75/100th dollars ($16,198.75) of lawful money of Canada paid by the Purchaser to the Company, the receipt whereof the Company doth hereby acknowledge, the Company doth hereby, subject always to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter referred to or hereinafter contained and set forth, Grant and Convey unto the Purchaser its successors heirs and assigns All that parcel or tract of land situate, lying and being in the district of Cowichan Lake & Chemainus Vancouver Island, in the Province of British Columbia and more particularly known, numbered and described as

Block 685 — 1000 acres Cowichan Lake
Block 686 — 80 " Chemainus
Block 687 — 1,646 " Chemainus

District aforesaid,

as described in Schedule attached hereto, and said to contain twenty five hundred and twenty six acres, more or less, and more particularly shown upon the plan or tracing hereunto annexed and thereon outlined in red, **To have** and **To hold** the said land unto and to the use of the Purchaser its successors heirs and assigns forever, subject nevertheless and always to the reservations, limitations, provisos and conditions expressed and contained in the original grant thereof from and by the Crown, and to all and singular the reservations, exceptions, provisos, conditions and provisions hereinafter contained and set forth, that is to say:

Saving and Reserving and there is hereby reserved to the Company, its successors and assigns, out of the grant and conveyance hereby made, all coal, oil and fire-clay, and all mines and minerals already found and existing or which may be found to exist within, upon or under the said land, together with the full, free and absolute right, liberty, privilege, power and authority, for all time to come, by its and their officers, contractors, agents, servants, and workmen to enter into and upon the said land to search, examine and prospect for coal, oil and fire-clay, mines and minerals, as aforesaid, with such full liberty of ingress, egress and regress for all time to come as may reasonably be required for all or any such purposes, and the full, free and absolute right, liberty, privilege, power and authority for all time to come by its and their officers, contractors, agents, servants and workmen as aforesaid to enter into and upon the said land, and to mine, bore, dig, win, get and carry away all the coal, oil and fire-clay, and all minerals in, upon and under the same, whether in mines, veins, pits, beds, basins or deposits or in admixture of formations, or otherwise howsoever existing, and to sink, drive, make and use mines, tunnels, open cuts, shafts, drifts, adits, courses, wells, flumes, pipes, pipe lines and water courses, and erect and set up, maintain and operate buildings, tanks, power houses, erections, fire, electrical and other engines and machinery, and such other works and appliances as may be requisite or necessary for generating power, and to open, construct, maintain and use railways, tramways, pipe lines, roads and ways in, upon and under and over the said land, or any part or parts thereof for the purpose of conveniently working, mining, boring, digging, winning, getting and carrying away the said coal, oil, and fire-clay, mines and minerals, with such full liberty of ingress, egress and regress for all time to come, in, over and upon the said land, as may reasonably be required for all or any such purposes.

Regarding C/T L 17692

Amended Block 992 Cowichan Lake,
Oyster and Chemainus Districts,
shown on Plan 37753

Charge 89899G (DD 22199N) portion of document attached -
covers Lot 59 Oyster District.
Amended Block 992 includes portions of Lot 59 Oyster District.
The portion of Block 992 with which your mineral claims appear
to conflict was never part of Lot 59 Oyster.
Therefore charge 89899G would not appear to be in conflict.

26 Jan 1988

REQUESTOR NAME: CGR CONSULTING SERVICES
TITLE SEARCH PRINT DATE: 20 JANUARY, 1988. TIME: 12:17

SECTION 172(3)

VICTORIA LAND TITLE OFFICE TITLE NO.: L17692
FROM TITLE NO.: N46496
J57338

APPLICATION FOR REGISTRATION RECEIVED ON: 11 MARCH, 1982

ENTERED: 14 JUNE, 1984

REGISTERED OWNER IN FEE-SIMPLE:

CROWN FOREST INDUSTRIES LIMITED, (INC. NO. 97,002)
700-815 WEST HASTINGS STREET
VANCOUVER, B.C.
V6C 2Y4

DESCRIPTION OF LAND:

NANAIMO/COWICHAN ASSESSMENT AREA

PARCEL IDENTIFIER 009-432-264
AMENDED BLOCK 992, COWICHAN LAKE, OYSTER, AND CHEMAINUS DISTRICTS, SHOWN ON PLAN 37753

LEGAL NOTATIONS: NONE

CHARGES, LIENS, AND INTERESTS:

NATURE OF CHARGE CHARGE NUMBER	DATE AND TIME OF APPLICATION	
UNDERSURFACE RIGHTS 89899G	26/04/1938	10:25
REGISTERED OWNER OF CHARGE: WELDWOOD OF CANADA LIMITED REMARKS: DD 22199N PART FORMERLY DISTRICT LOT 59, OYSTER AND COWICHAN LAKE DISTRICTS		SEE ATTACHED
UNDERSURFACERIGHTS J62722	27/06/1980	12:49
REGISTERED OWNER OF CHARGE: HER MAJESTY THE QUEEN IN RIGHT OF THE PROVINCE OF BRITISH COLUMBIA REMARKS: AS TO OWNERSHIP OF UNDERSURFACE RIGHTS AND OTHER RESERVATIONS, SEE EQUITABLE INTEREST F60387 CB 34. 456, ALL EXCEPT PART FORMERLY DISTRICT LOT 59, OYSTER AND COWICHAN LAKE DISTRICTS		
EXCEPTIONS AND RESERVATIONS J57339	27/06/1980	12:49
REGISTERED OWNER OF CHARGE: ESQUIMALT AND NANAIMO RAILWAY COMPANY REMARKS: ALL MINERALS NOT INCLUDED IN THE DEFINITION OF MINERAL IN THE MINERAL LAND TAX ACT DD J57338, ALL EXCEPT PART FORMERLY DISTRICT LOT 59, OYSTER AND COWICHAN LAKE DISTRICTS		

CAUTION - CHARGES MAY NOT APPEAR IN ORDER OF PRIORITY. SEE SECTION 27, L.T.A.

DUPLICATE INDEFEASIBLE TITLE:

ISSUED: 11/09/1984 FILING REFERENCE: N69232
TO SUSAN E. GRAHAM
CROWN FOREST IND. LTD.

TRANSFERS: NONE

AMENDMENTS: NONE

CORRECTIONS: NONE

PENDING APPLICATIONS: NONE

THIS INDENTURE made the 21st day of February, 1936:

IN PURSUANCE OF THE "SHORT FORM OF DEEDS ACT":

BETWEEN:

CANADIAN COLLIERIES (DUNSMUIR) LIMITED, a company duly incorporated under the laws of the Dominion of Canada, having its head office at the City of Victoria, British Columbia, hereinafter called "the Grantor"

OF THE ONE PART,

-and-

THE CORPORATION OF THE CITY OF LADYSMITH, hereinafter called "the Grantee"

OF THE SECOND PART;

WITNESSETH that in consideration of One hundred dollars ($100.00) of lawful money of Canada now paid by the said Grantee to the Grantor (the receipt whereof is hereby by it acknowledged) it, the said Grantor doth grant unto the said Grantee, its successors and assigns forever, all those pieces or parcels of land more particularly described as follows:

FIRSTLY: ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being known and described as Lot Fifty-nine (59), Oyster District, the title whereof is registered in the Grantor in the Land Registry Office at Victoria, B. C., under Certificate of Title No. 28513-I:

SECONDLY: ALL AND SINGULAR those certain parcels or tracts of land and premises situate, lying and being known and described as that part of Lot One hundred and ten (110) of Lot Fifty-six (56) and of the unsubdivided land Oyster District, as shown on Map 13 R.W. (27.99 acres), and that part of Lot One hundred and ten (110) and part of Lot Fifty-six (56) and of the unsubdivided land Oyster District, as shown on Map 13 R.W. (15.05 acres) the title whereof is registered in the Grantor in the Land Registry Office at Victoria aforesaid, under Certificate of Title No. 28514-I:

THIRDLY: ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being known and described as a strip of land fifty (50) feet each side of the centre line of Creek One hundred and three (103), Cowichan Lake District, the title whereof is registered in the Grantor in the Land Registry Office at Victoria aforesaid under Certificate of Title No. 28484-I:

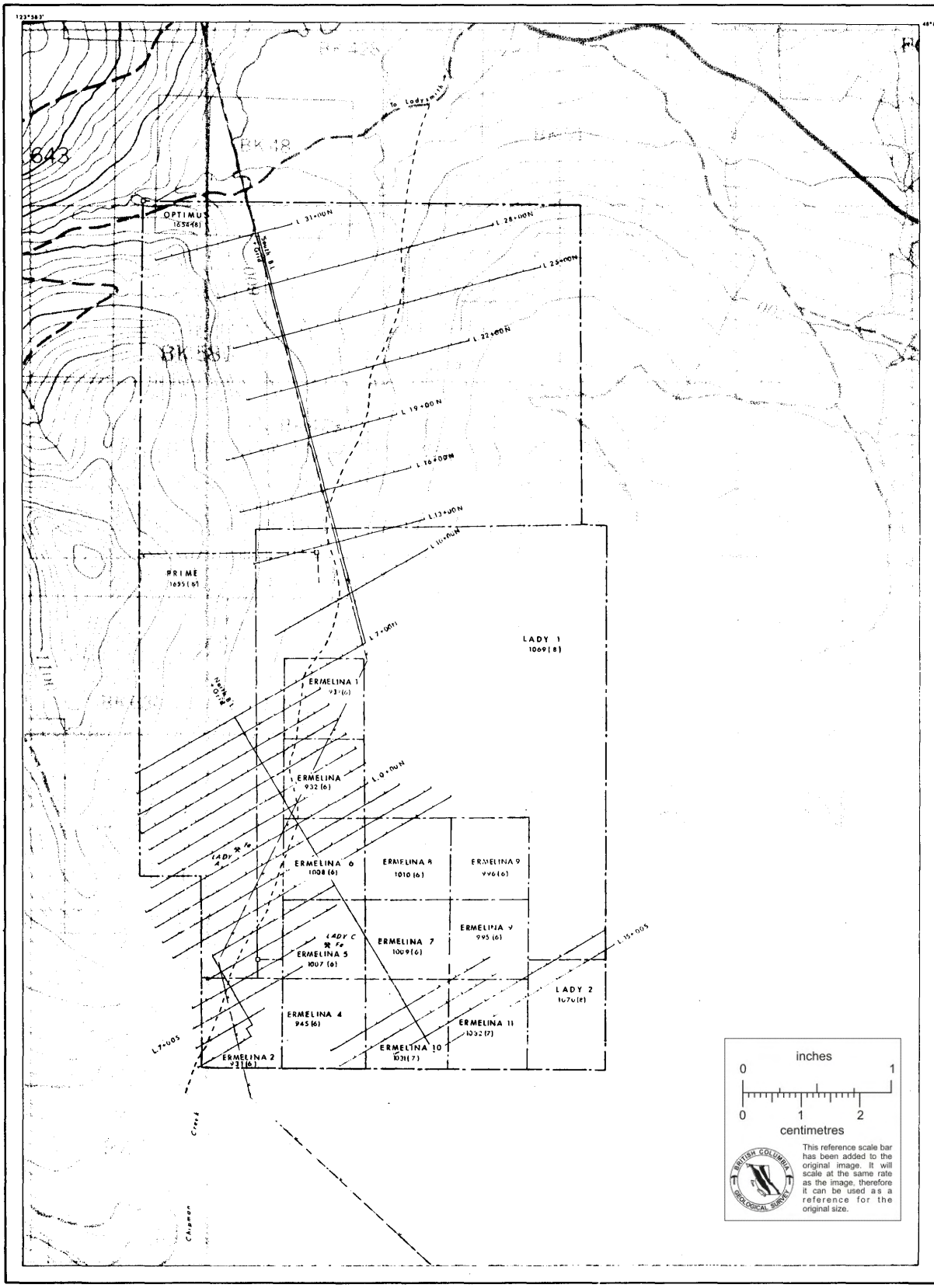
FOURTHLY: ALL AND SINGULAR those certain parcels or tracts of land and premises situate, lying and being known and described as Lot Fifty (50), Cowichan Lake District (29) acres) and a strip of land fifty (50) feet wide on each side of the centre line of Creek One hundred and three (103), Cowichan Lake District (14.6 acres), the title whereof is registered in the Grantor in the Land Registry Office at Victoria aforesaid under Certificate of Title No. 28485-I:

FIFTHLY: ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being known and described as that parcel of unsubdivided land, Cowichan Lake District, containing 0.75 acres as shown on Map 13 R.W., the title whereof is registered in the Grantor in the Land Registry Office at Victoria aforesaid under Certificate of Title No. 28486-I:

SIXTHLY: ALL AND SINGULAR that certain parcel or tract of land and premises situate, lying and being known and described as that parcel of unsubdivided land, Cowichan Lake District having a width of fifty (50) feet on each side of the centre of Creek One hundred and three (103), containing 7.79 acres as shown on Map 13 R.W., the title whereof is registered in the Grantor in the Land Registry Office at Victoria aforesaid under Certificate of Title No. 28487-I:

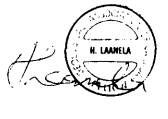
SAVING, EXCEPTING AND RESERVING unto the Grantor, its successors and assigns out of the lands hereby granted or intended so to be, all coal and fire clay (connected with coal deposits) -

in, upon and under the said lands, together with the full, free and absolute right, liberty, privilege, power and authority of the said Grantor, its successors and assigns and its and their agents, servants and workmen, to enter into and upon the said above described lands and to search and examine for coal and for fire clay with such full liberty of ingress, egress and regress for all time to come, as may reasonably be required for all or any of such purposes: AND ALSO together with the full, free and absolute right, liberty, privilege, power and authority for all time to come of the said Grantor, its successors and assigns and its and their agents, servants and workmen, to enter into and upon the said lands, and to mine, win, get and carry away, all the coal and all the fire clay in, upon and under the said lands, whether in mines, veins, beds or deposits or in admixture of formations or otherwise existing howsoever, and to sink, drive, make and use mines, tunnels, open cuts, shafts, drifts, adits, courses, flumes, pipes and water courses and to erect and set up and maintain and operate buildings, power houses, erections, fire, electrical and other engines, machinery and works and appliances necessary for generating power, and to open, construct, maintain and use, railways, tramways, roads and ways, in, upon, under and over the said lands or any part or parts thereof for the purpose of conveniently working, mining, winning, getting and carrying away all the coal and all the fire clay in, upon and under the said lands, or any part or parts thereof aforesaid, or in, upon and under any other lands in the vicinity thereof, with such full liberty of ingress, egress and regress for all time to come, in, upon and over the said lands as may reasonably be required for such purposes, and with full, free and absolute right, liberty, privilege, power and authority of the said Grantor, its successors and assigns, and its and their agents, servants and workmen, to enter into and upon the said lands, and to take, appropriate, occupy and use all such and so many part or parts thereof as shall reasonably be considered necessary for all or any of the



LEGEND

- Legal corner post and claim boundary
- Flagged grid lines
- Road
- 1100 Contour line (interval 20metres)
- Power lines
- Old mineral showing



NTS 92B/13W

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Carlsbad Ventures Inc.

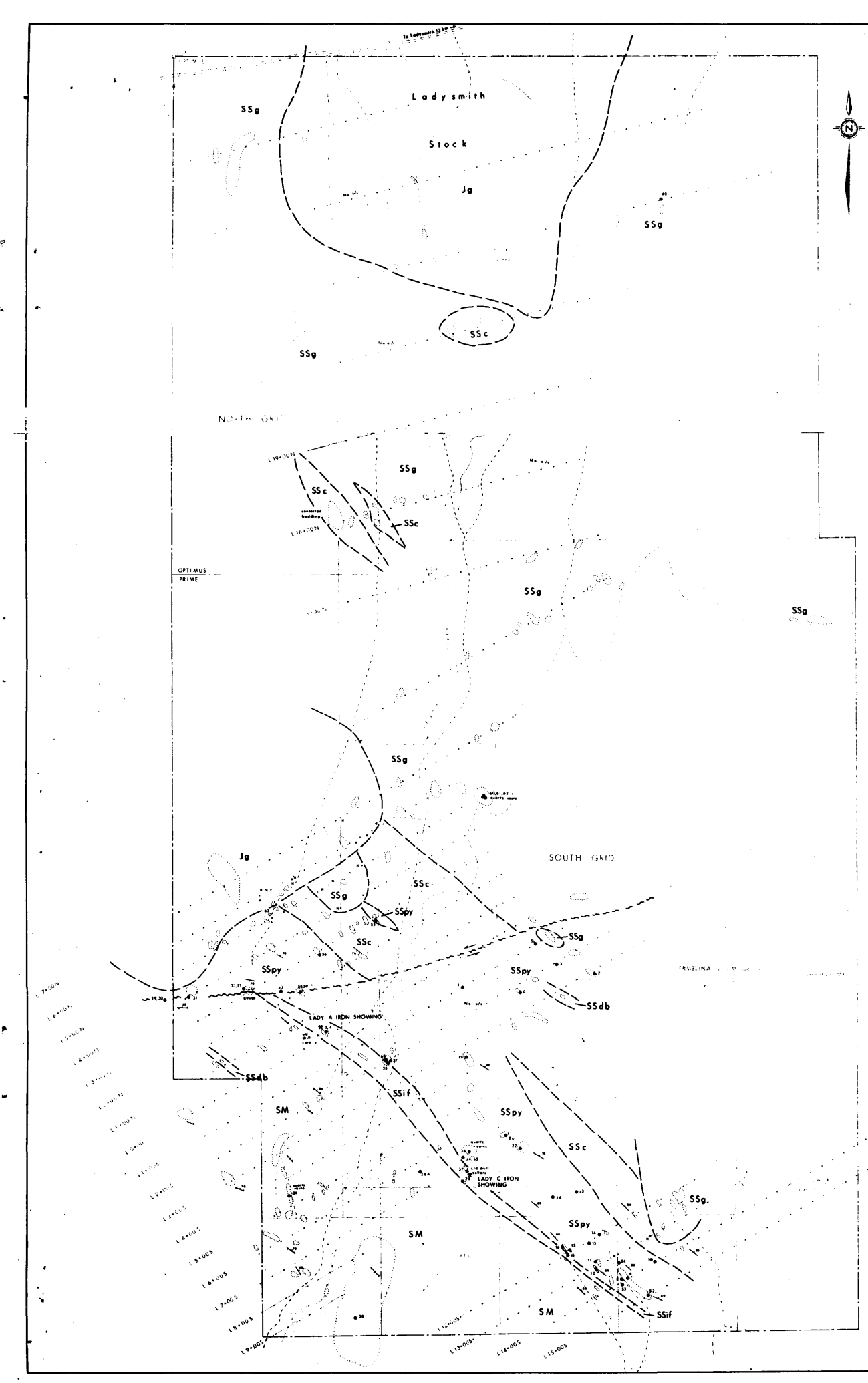
LADY-ERMELINA PROPERTY

VICTORIA MINING DIVISION

GRID PLAN AND TOPOGRAPHY

Scale	1:10,000	Drawn	AH/JS
Date	Mar 1987	Plate	1

Ashworth Explorations Limited



inches
0 1
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centimetres

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GEOLOGICAL LEGEND

JURASSIC
Lower to Middle Jurassic

Jg ISLAND INTRUSIONS granodiorite, to diorite

PALEOZOIC
SICKER GROUP
Pennsylvanian and Mississippian
Sediment - Silt unit

SSg gabbro ; medium to coarse grained, often glomeroporphyritic, includes some metamorphosed chert

SSdb diabase sills and dykes

SSc chert grey to black, and thinly bedded, with minor diabase dykelets

SSpy pyritic black chert and argillite

SSif jasper - magnetite iron formation brecciated, rare relict bedding

Lower Devonian and older

SM Myra Formation well bedded felsic tuff and agglomerate, phyllite, chlorite and sericite schists with minor quartz veins and infillings.

SYMBOLS

- Rock outcropping (large, small)
- Geological contact (approx.)
- Fault (defined, assumed) with relative movement shown
- Rock sample location (prefix LE 87-)
- Bedding, schistosity (dip indicated)

0 100 200 300 400 500 metres

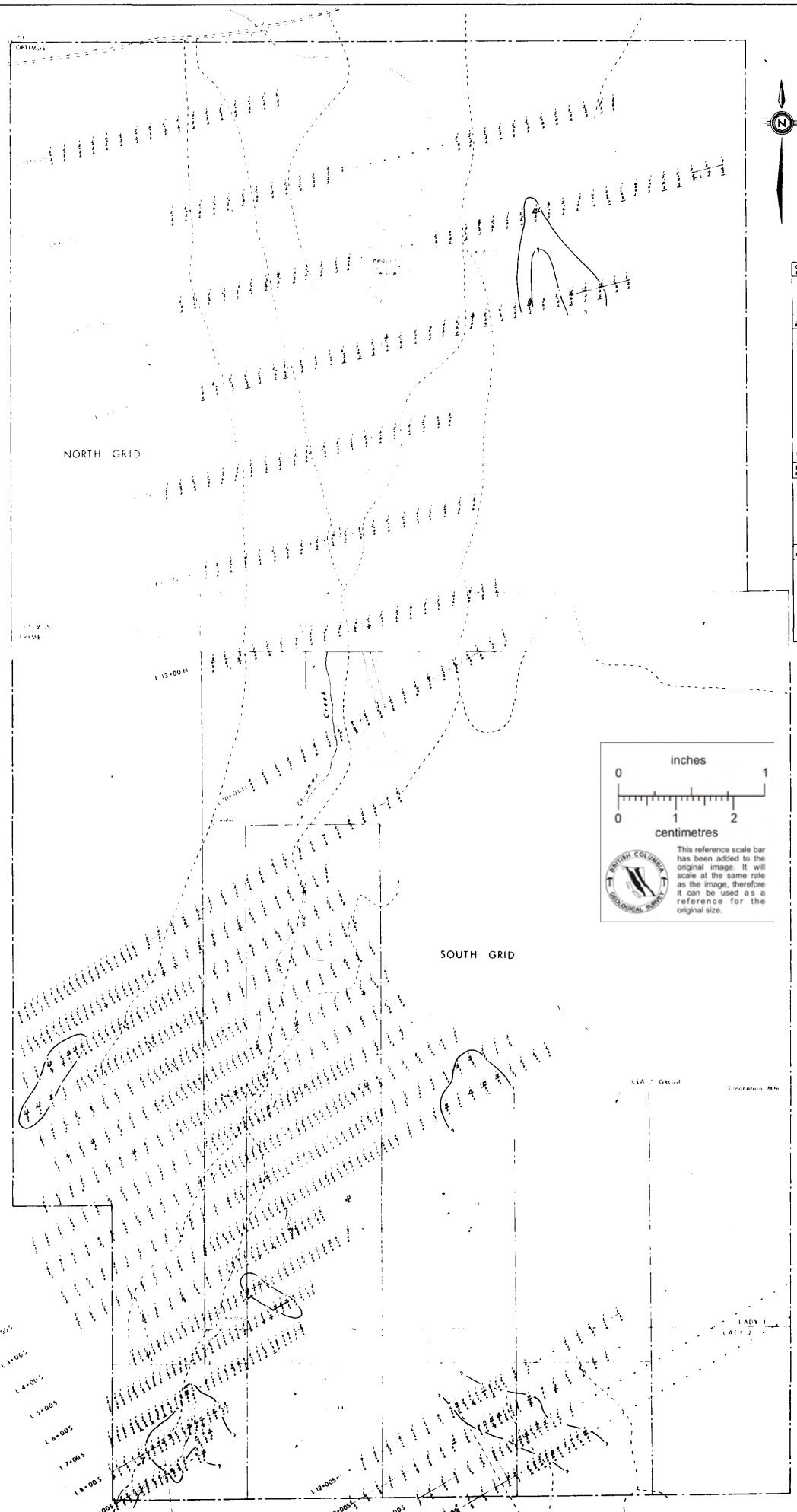
Carlsbad Ventures Inc.

LADY - ERMELINA PROPERTY

GEOLOGY AND SAMPLE LOCATIONS

Scale 1:5000 Figure
Date MARCH 1987 Plate 2

Ashworth Explorations Limited



DISTRIBUTION OF CHALCOPHILE ELEMENTS IN SOIL
(N = North Grid , S = South Grid , T = Total samples)

Cd ppm	F_N	F_S	F_T	CADMIUM
1	183	680	863	No significantly anomalous Cd values, may consider 2 ppm Cd as "threshold"
2	7	1	8	
3+	-	-	-	
N=	190	681	871	

As ppm	F_N	F_S	F_T	ARSENIC 50 100 150 200 250 300
1	-	-	-	
2	89	201	290	
3	41	112	153	Range 2 - 247 ppm
4	26	88	114	
5	17	75	92	For 20 ppm cut-off (N=866)
6	4	65	69	
7	4	36	40	$\bar{x}$ = 6.4 ppm
8	3	23	26	s.d = 3 ppm
9	1	22	23	$\bar{x}$ + s.d = 7.4 ppm
10	2	13	15	$\bar{x}$+2 s.d = 10.4 (N10) ppm
11	1	10	11	$\bar{x}$+3 s.d = 13.4 (N13) ppm
12	-	11	11	$\bar{x}$+4 s.d = 16.4 (N16) ppm
13	1	7	8	
14	-	3	3	
15	-	4	4	
16+	1	11	12	
N=	190	681	871	

Bi ppm	F_N	F_S	F_T	BISMUTH 200 400 600 800 1000
1	-	-	-	
2	173	594	767	Range 2-6 ppm
3	14	61	75	
4	3	13	16	For all samples (N = 871)
5	-	11	11	$\bar{x}$ = 2 ppm
6	-	2	2	s.d = 1 ppm
7+	-	-	-	$\bar{x}$ + s.d = 3 ppm
N=	190	681	871	$\bar{x}$ + 2 s.d = 4 ppm

Sb ppm	F_N	F_S	F_T	ANTIMONY 200 400 600 800 1000
1	-	-	-	
2	176	664	838	Range 2-8 ppm
3	12	13	25	
4	4	2	6	For all samples (N = 871)
5	-	1	1	$\bar{x}$ = 2.05 ppm
6	-	-	-	s.d = 0.32 ppm
7	-	-	-	$\bar{x}$ + s.d = 2.4 ppm
8	-	1	1	$\bar{x}$ + 2 s.d = 2.7 (N3) ppm
9+	-	-	-	
N=	190	681	871	

GEOCHEMICAL REFERENCES (VALUES IN PPM)

Cd > 2 ppm underlined (anomalous)
As >10 ppm " "
Bi >4 ppm " "
Sb >3 ppm " "

MAIN ANOMALOUS TRENDS :

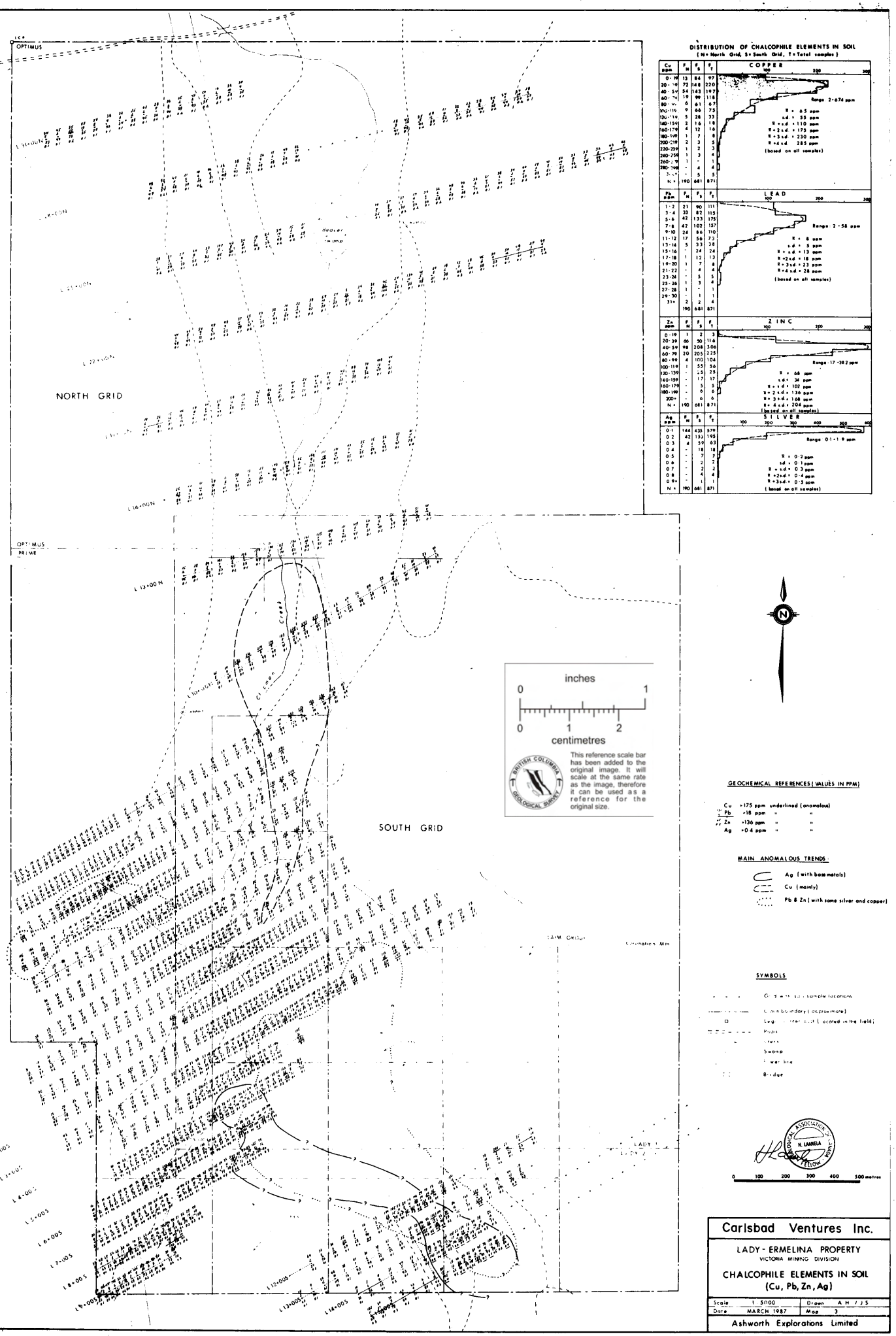
As (> 7 ppm)

SYMBOLS

- Grid with soil sample locations
- Claim boundary (approximate)
- Legal corner post (located in the field)
- Road
- Creek
- Swamp
- Power line
- Bridge

H. LAMELA

Carlsbad Ventures Inc.	
LADY - ERMELINA PROPERTY VICTORIA MINING DIVISION	
CHALCOPHILE ELEMENTS IN SOIL (Cd, As, Bi, Sb)	
Scale 1 : 5000	Drawn A H / J S
Date MARCH 1987	Map 4
Ashworth Explorations Limited	



DISTRIBUTION OF CHALCOPHILE ELEMENTS IN SOIL

(N = North Grid, S = South Grid, T = Total samples)

Cu ppm	F N	F S	F T
0 - 19	13	84	97
20 - 39	72	148	220
40 - 59	54	143	197
60 - 79	19	99	118
80 - 99	6	61	67
100-119	9	66	75
120-139	5	28	33
140-159	2	16	18
160-179	4	12	16
180-199	1	7	8
200-219	2	3	5
220-239	1	2	3
240-259	1	3	4
260-279	1	-	1
280-299	-	4	4
300+	-	5	5
N =	190	681	871

COPPER

Range 2-674 ppm

X = 65 ppm
s.d. = 55 ppm
X + s.d. = 110 ppm
X + 2 s.d. = 175 ppm
X + 3 s.d. = 230 ppm
X + 4 s.d. = 285 ppm
(based on all samples)

Pb ppm	F N	F S	F T
1 - 2	21	90	111
3 - 4	33	82	115
5 - 6	42	133	175
7 - 8	42	102	157
9 - 10	24	86	110
11 - 12	17	56	73
13 - 14	5	33	38
15 - 16	-	24	24
17 - 18	1	12	13
19 - 20	1	7	8
21 - 22	-	4	4
23 - 24	-	5	5
25 - 26	1	3	4
27 - 28	1	-	1
29 - 30	-	1	1
31+	2	2	4
	190	681	871

LEAD

Range 2 - 58 ppm

X = 8 ppm
s.d. = 5 ppm
X + s.d. = 13 ppm
X + 2 s.d. = 18 ppm
X + 3 s.d. = 23 ppm
X + 4 s.d. = 28 ppm
(based on all samples)

Zn ppm	F N	F S	F T
0 - 19	1	2	3
20 - 39	66	50	116
40 - 59	98	208	306
60 - 79	20	205	225
80 - 99	4	100	104
100 - 119	1	55	56
120 - 139	-	25	25
140 - 159	-	17	17
160 - 179	-	5	5
180 - 199	-	6	6
200+	-	6	6
N =	190	681	871

ZINC

Range 17 - 382 ppm

X = 68 ppm
s.d. = 36 ppm
X + s.d. = 102 ppm
X + 2 s.d. = 136 ppm
X + 3 s.d. = 168 ppm
X + 4 s.d. = 204 ppm
(based on all samples)

Ag ppm	F N	F S	F T
0.1	144	435	579
0.2	42	153	195
0.3	4	59	63
0.4	-	18	18
0.5	-	7	7
0.6	-	2	2
0.7	-	2	2
0.8	-	4	4
0.9+	-	1	1
N =	190	681	871

SILVER

Range 0.1 - 1.9 ppm

X = 0.2 ppm
s.d. = 0.1 ppm
X + s.d. = 0.3 ppm
X + 2 s.d. = 0.4 ppm
X + 3 s.d. = 0.5 ppm
(based on all samples)

inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

BRITISH COLUMBIA GEOLOGICAL SURVEY

GEOCHEMICAL REFERENCES (VALUES IN PPM)

Cu >175 ppm underlined (anomalous)
Pb >18 ppm " "
Zn >136 ppm " "
Ag >0.4 ppm " "

MAIN ANOMALOUS TRENDS

Ag (with base metals)
Cu (mainly)
Pb & Zn (with some silver and copper)

SYMBOLS

Grid with soil sample locations
Claim boundary (approximate)
Legal corner post (located in the field)
Road
Creek
Swamp
Power line
Bridge

H. LAMELA ASSOCIATION OF PROFESSIONAL ENGINEERS OF ONTARIO MEMBER FELLOW

0 100 200 300 400 500 metres

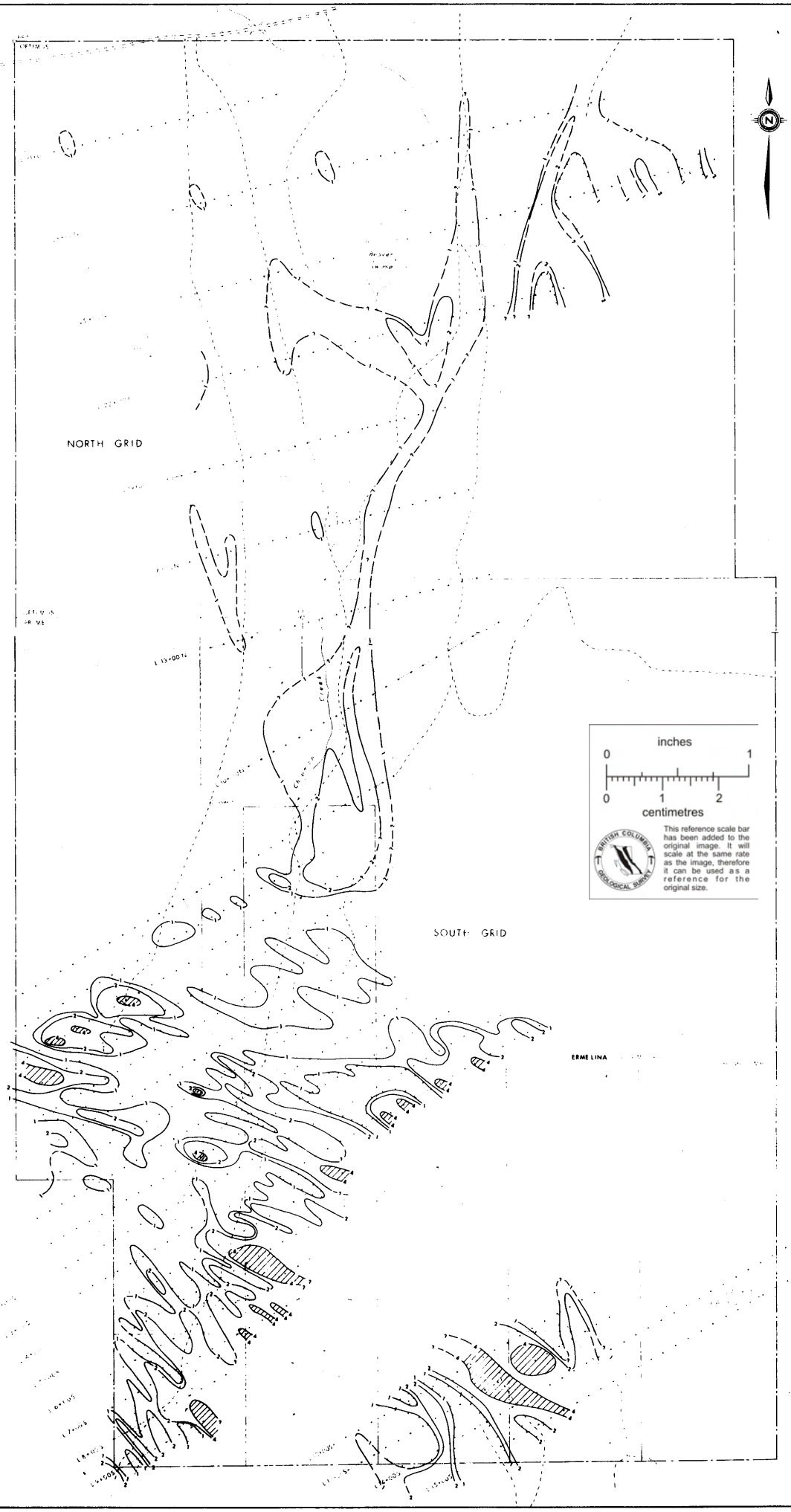
Carlsbad Ventures Inc.

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

CHALCOPHILE ELEMENTS IN SOIL
(Cu, Pb, Zn, Ag)

Scale	1:5000	Drawn	A.H. / J.S.
Date	MARCH 1987	Map	3

Ashworth Explorations Limited



GEOCHEMICAL REFERENCE

Contoured anomaly ratings of combined chalcophile elements in soil - (Ag+Cu+Pb+Zn+As+Sb+Bi+Cd)

1 Possibly anomalous

2 Probably anomalous

4 Definitely anomalous

SYMBOLS

0 100 200 300 400 500 metres

N. LAMELA

Carlsbad Ventures Inc.

LADY - ERMELINA PROPERTY

VERNON DIVISION

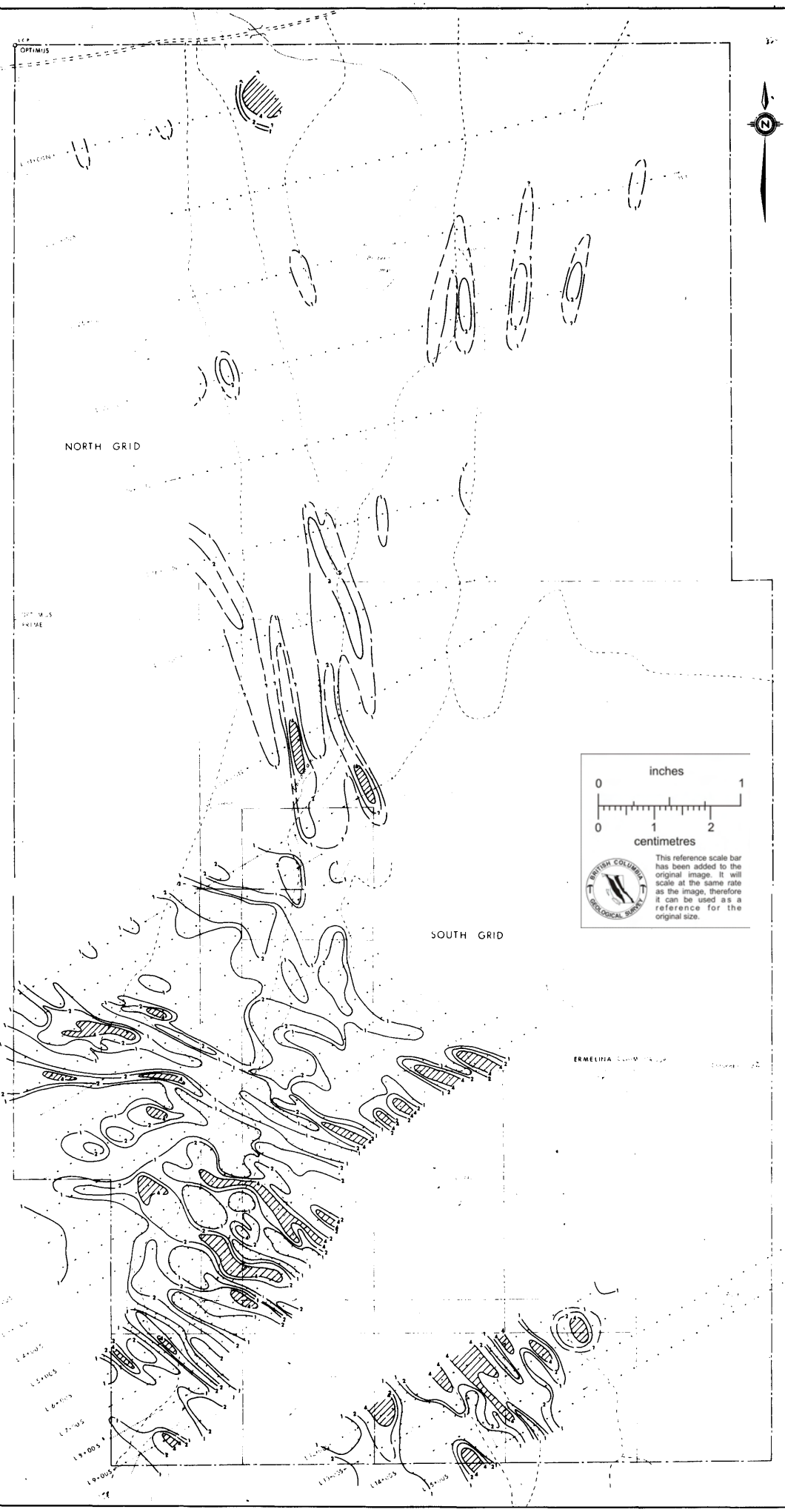
GEOCHEMICAL SOIL SURVEY

COMBINED CHALCOPHILE ELEMENT ANOMALIES (Ag + Cu+Pb+Zn+As+Sb+Bi+Cd)

Scale 1 Inch = N.T.S.

Date MARCH 197 Map 7

Ashworth Explorations Limited



inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

BRITISH COLUMBIA GEOLOGICAL SURVEY

GEOCHEMICAL REFERENCE

Contoured anomaly ratings of combined lithophile elements (Mo+Sr+Ba) and siderophile elements (Au+Mo+Co) in soil:

1 Probably anomalous
2 Probably anomalous
4 Definitely anomalous

SYMBOLS

N. LAMELA
PROFESSIONAL ENGINEER

0 100 200 300 400 500 metres

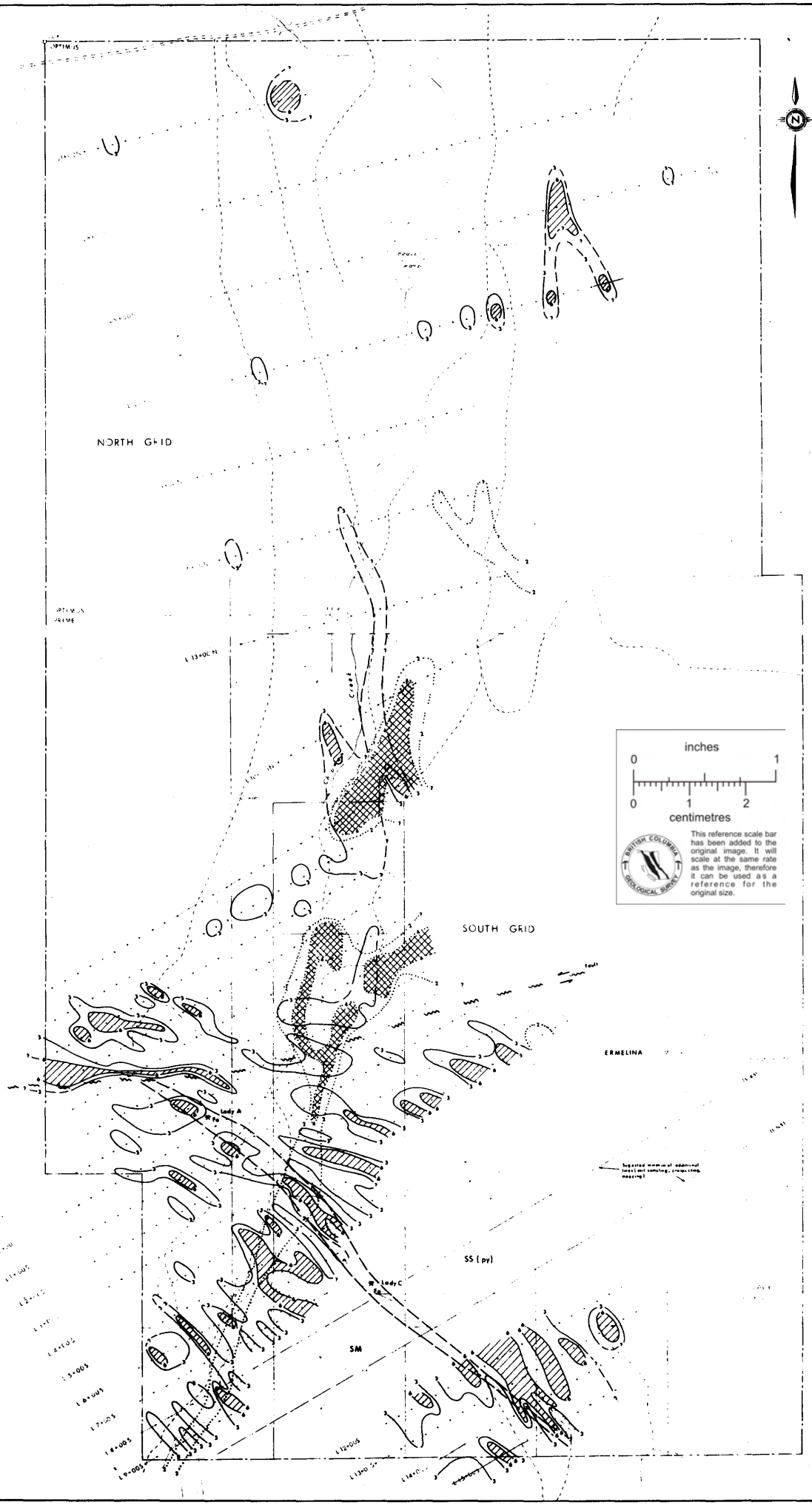
Carlsbad Ventures Inc.

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

GEOCHEMICAL SOIL SURVEY
COMBINED LITHOPHILE AND SIDEROPHILE ELEMENT ANOMALIES
(Au + Mo + Co + Mo + Sr + Ba)

Scale	1:5000	Drawn	H. L. / J. S.
Date	MARCH 1987	Map	8

Ashworth Explorations Limited



inches
0 1
0 1 2
centimetres

This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

BRITISH COLUMBIA GEOLOGICAL SURVEY

GEOCHEMICAL REFERENCE

A. Combined anomaly ratings of 14 elements, i.e.:

8 chalcophile elements, i.e. Ag+Cu+Pb+Zn+As+Sb+Bi+Cd
plus
3 siderophile elements, i.e. Au+Mo+Co
plus
3 lithophile elements, i.e. Mn+Sr+Ba

Contoured at 3 (probably anomalous) and 6 (definitely to strongly anomalous) ratings.

B. Combined anomaly ratings for nickel (siderophyle) plus chromium (lithophile) anomalies:

Contoured at 2 (anomalous) and 4 (strongly anomalous) ratings

Iron Formation (with taconite showing)

SYMBOLS

Suggested minimum of additional lines (wet sampling, cross-lining, mapping)

0 100 200 300 400 500 metres

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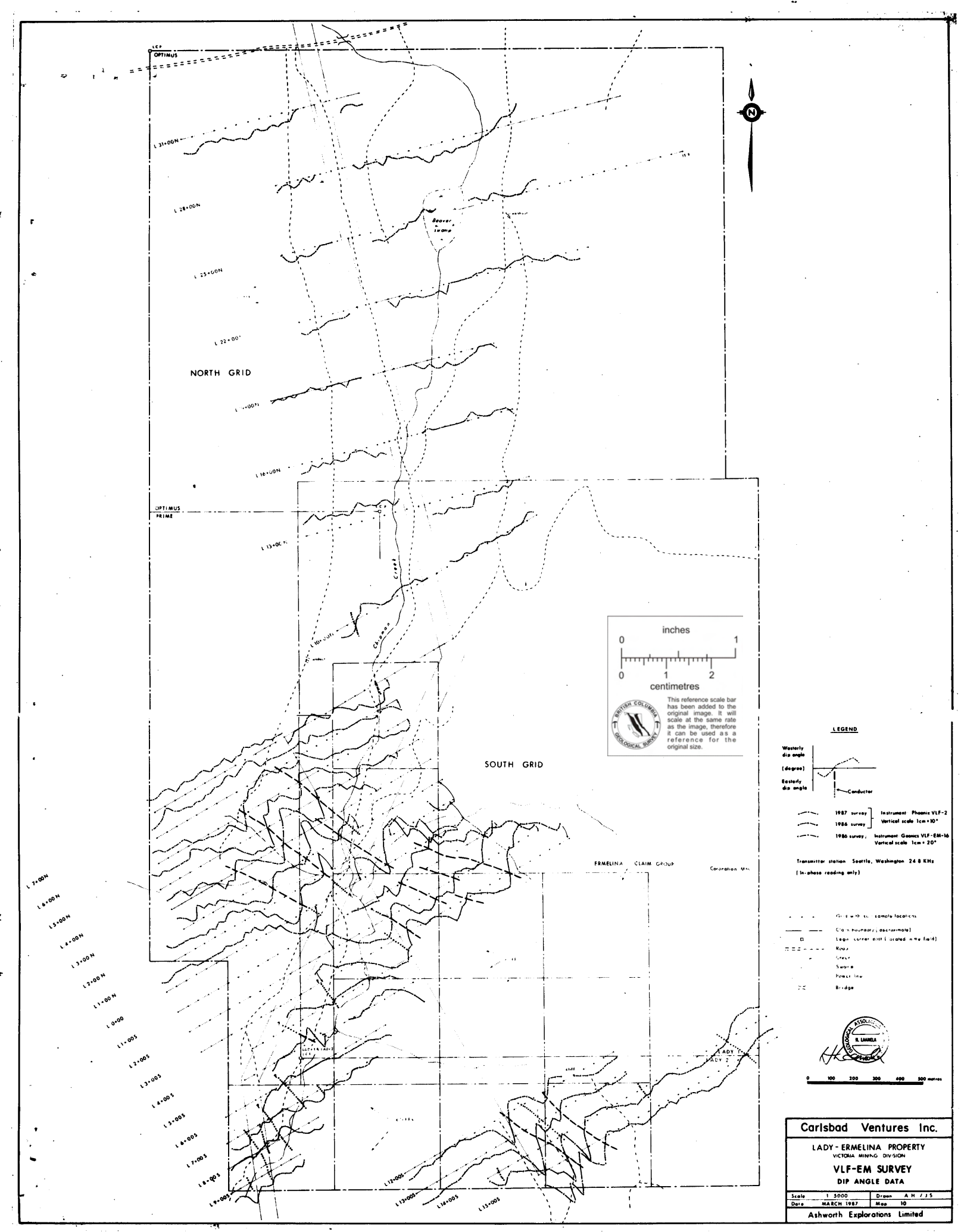
LADY - ERMELINA PROPERTY

GEOCHEMICAL SOIL SURVEY
COMBINED ANOMALY RATINGS
(of 16 elements)

Ashworth Explorations Limited



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LADY - ERMELINA PROPERTY

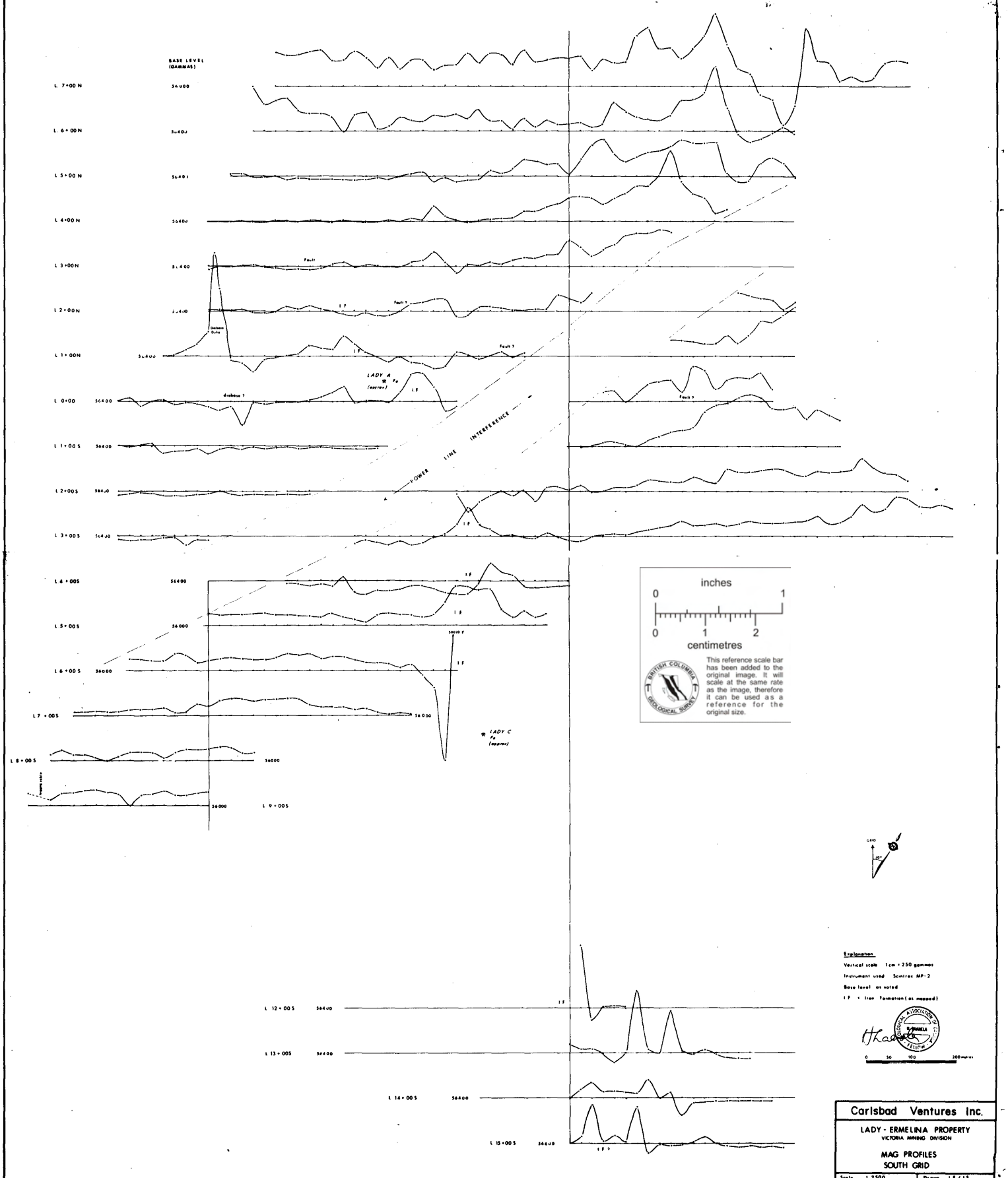
VICTORIA MINING DIVISION

VLF-EM SURVEY

DIP ANGLE DATA

Scale	1:5000	Drawn	A.H. / J.S.
Date	MARCH 1987	Map	10

Ashworth Explorations Limited



Explanation

Vertical scale 1cm = 250 gammas

Instrument used Scintrex MP-2

Base level as noted

I F = Iron Formation (as mapped)

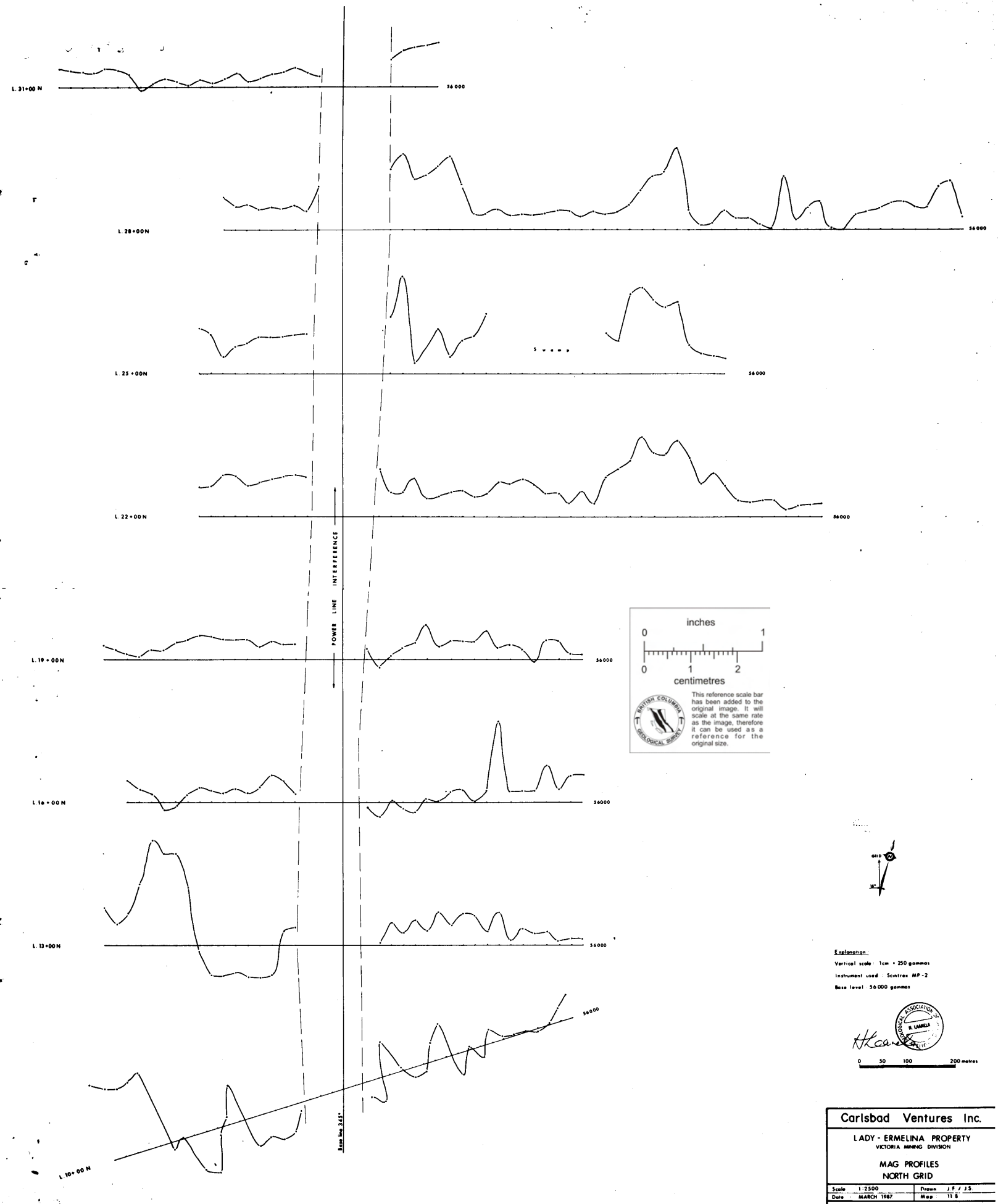
Carlsbad Ventures Inc.

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

MAG PROFILES
SOUTH GRID

Scale 1:2500	Drawn J.F./J.S.
Date : MARCH 1987	Map 11A

Ashworth Explorations Limited



This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.

Explanation

Vertical scale : 1cm = 250 gammas

Instrument used : Scintrex MP-2

Base level : 56 000 gammas

0 50 100 200 metres

Carlsbad Ventures Inc.

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

MAG PROFILES
NORTH GRID

Scale	1:2500	Drawn	J.F. / J.S.
Date	MARCH 1987	Map	11 B

Ashworth Explorations Limited

CERTIFICATE

Certificate of the Directors

The foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by Part 7 of the Securities Act (British Columbia) and the regulations thereunder.

DATED at Vancouver, British Columbia, this 25th day of April, 1988

LORNE ALLAN TORHJELM
President/Director
Chief Executive Officer

DAVID FALK
Director
Chief Financial Officer

GERALD EUGENE TORHJELM
Vice President/Director

RAYMOND ARTHUR HERD
Director

Certificate of the Agent

To the best of our knowledge, information and belief, the foregoing constitutes full, true and plain disclosure of all material facts relating to the securities offered by this Prospectus as required by Part 7 of the Securities Act (British Columbia) and the regulations thereunder.

DATED: April 27, 1988

CANARIM INVESTMENT CORPORATION LTD.

Per: