PROGRESS REPORT ON THE

LADY-ERMELINA CLAIM GROUP

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

for

LODE RESOURCE CORPORATION

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Vancouver, B.C.

by

ASHWORTH EXPLORATIONS LIMITED

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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

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SYNOPSIS

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 poorly defined 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, eg. Westmin's Buttle Lake Mines, old China Creek - Mt. McQuillan Camp near Port Alberni, and the old Mount Sicker mining camp about 15 km SE of the property.

The latest addition to Mount Sicker camp is the recently discovered Au-Ag-Cu-Pb-Zn bearing Coronation Zone of Abermin's Lara Property, only some 4 km SE of Lady Group. It occurs in a NW trending belt of Myra Formation rocks which extends from Salt Spring Island, through Mount Sicker, and past the Lady-Ermelina Group. The deposits hosted by the Myra Formation are the Kuroko-type volcanogenic massive sulphide deposits, usually carrying economic amounts of Au-Ag, and the auriferous quartz veins.

Three old mineral showings are reported to occur along the northern flank of 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. Their presence here indicates a favourable geological environment for formation of the exhalative type massive sulphide or gold deposits. Although this taconite did not assay high in precious metals (Au, Ag), several soil anomalies of Au and other metals occur along or near it.

The Anita showing, described in BCMM Report for 1917, consists of fissure filling quartz lenses and impregnations of chalcopyrite and pyrite. This mineralized zone is reported to be at least 200 feet long and 15 feet wide. A sample taken in 1917 assayed 0.3 oz/ton Ag, 3.3% Cu and trace of Au. More research and field work is needed to determine its location.

No recent work has apparently been done on any of the above three showings.

An assessment work program on behalf of Rafael Resources Ltd. was carried our during early 1986 in the area of these showings. Soil sampling also revealed a weak to moderately anomalous geochemical trend, correlating with the EM conductor across which the samples were taken. Since then the property has been taken over by Lode Resource Corporation on whose behalf the most recent field work was carried out in early 1987.

This 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 on the Ermelina claim block on the southern part, in an area underlain by the Myra schists and black, pyritic cherts and argyllites. However, these anomalies tend to be small, sporadic, scattered and only locally correlating, 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 argyllite, and have a NW regional trend similar to geology and geochemical anomalies. Magnetic anomalies reflect various rock types, eg. "highs" are related to diabase dykes, magnetite gabbro and "iron formation".

Outcrops are rather scarce, hence the relationship between various types of anomalies and geology is difficult to determine.

Because of favourable 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.

A three phase exploration program is recommended, with a total budget of $202,000 (including a $120,000 drilling program as Phase III).

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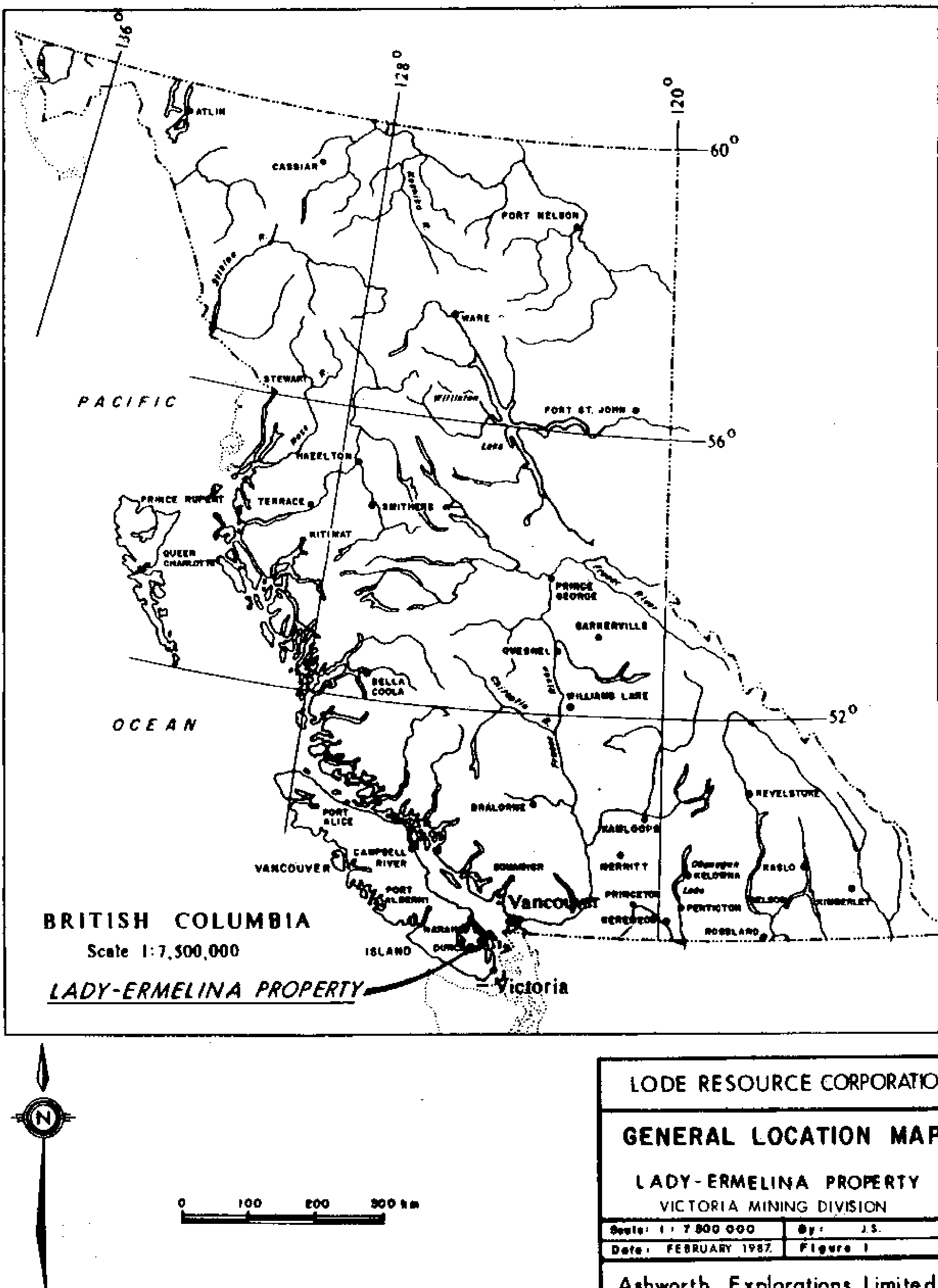


LODE RESOURCE CORPORATION

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

This 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 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.

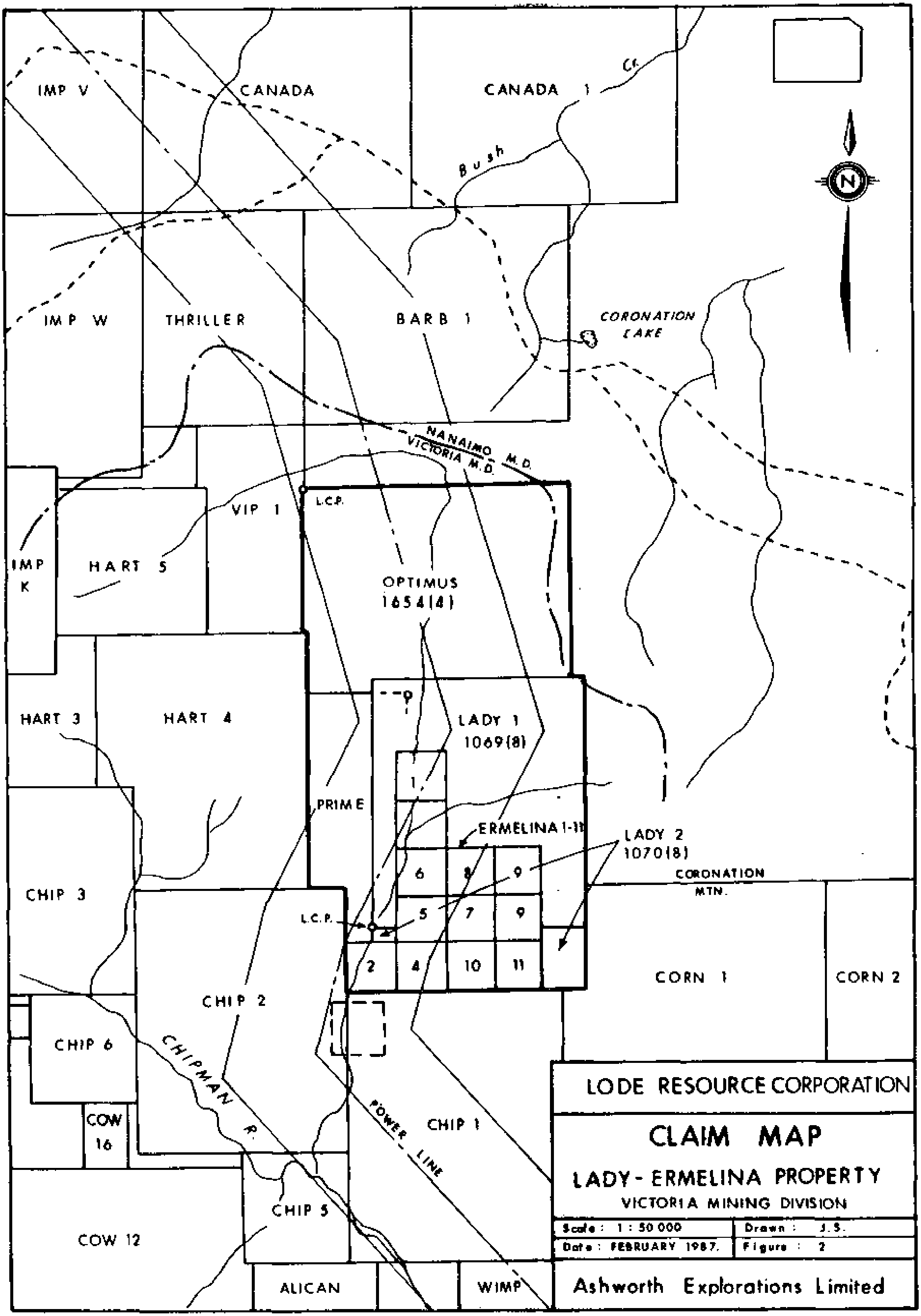
The claim group consists of a total of 16 claims, which are contiguous and overlap considerably, including the 12 claims of Ermelina block of one unit each which contain 2 old iron (taconite) showings, Lady A and Lady C, and possibly also the old Anita Ag-Cu prospect. These mineralized occurrences are 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 the more recently discoverd Coronation Zone of Abermin's Lara property, some 4 - 15 km to SE of Lady Group.

Because of its proximity to several old mines of Mount Sicker Camp, and the more recent discoveries, it is presumed that the property area has been well prospected in the past.

The individual mines and prospects in the general area have already been discussed more fully in a preliminary report by MPH Consulting Limited (Neale and Hawkins, 1985). The 1986 assessment work results, consisting of limited VLF-EM and geochemical soil surveys on the southern Ermelina block, have also been described already (Green, 1986) although the geochemical data had not been plotted.

2. PROPERTY

Claim Name	Units	Record #	Expiry Date	Ownership
Ermelina	1	932 (6)	June 2, 1987	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, 1987	
Ermelina 2	1	931 (6)	June 2, 1987	
Ermelina 4	1	945 (6)	June 8, 1987	
Ermelina 5	1	1007 (6)	June 9, 1987	
Ermelina 6	1	1008 (6)	June 9, 1987	
Ermelina 7	1	1009 (6)	June 9, 1987	
Ermelina 8	1	1010 (6)	June 9, 1987	
Ermelina 9	1	955 (6)	June 16, 1987	
Ermelina 9	1	956 (6)	June 16, 1987	
Ermelina 10	1	1031 (7)	June 13, 1987	
Ermelina 11	1	1032 (7)	June 13, 1987	
Lady 1	20	1069 (8)	Aug 2, 1986	Owned by Lode Resource Corporation
Lady 2	12	1070 (8)	Aug 2, 1986	
Optimus	20	1654 (4)	April 7, 1987	Owned by Biologix (B.C.) Ltd.
Prime	10	1655 (4)	April 7, 1987	


IMP V
CANADA
CANADA 1
Cr.
Bush
N
IMP W
THRILLER
BARB 1
CORONATION LAKE
NANAIMO M.D.
VICTORIA M.D.
L.C.P.
VIP 1
IMP K
HART 5
OPTIMUS 1654(4)
HART 3
HART 4
LADY 1 1069(8)
PRIME
ERMELINA 1-11
LADY 2 1070(8)
CORONATION MTN.
CHIP 3
L.C.P.
1
2
4
5
6
7
8
9
9
10
11
CORN 1
CORN 2
CHIP 2
CHIP 6
CHIPMAN R.
POWER LINE
CHIP 1
COW 16
CHIP 5
COW 12
ALICAN
WIMP
LODE RESOURCE CORPORATION
CLAIM MAP
LADY-ERMELINA PROPERTY
VICTORIA MINING DIVISION
Scale: 1 : 50 000
Drawn: J.S.
Date: FEBRUARY 1987.
Figure: 2
Ashworth Explorations Limited

The claims are all in Victoria Mining Division, except the small NE corner of Lady 1 claim which is in Nanaimo M.D. 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 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.

Optimus claim is slightly reduced in size, as it overstaked a small part of Lady 1 claim. 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 claims block area are about 2.7 x 5.1 km (estimated from claim map, see Figure 2), or about 14 km^2 in area.

The property is located in the old E & N Railway Land Grant which originally included timber and base metal rights (but not precious metals).

3. LOCATION, TERRAIN AND ACCESS

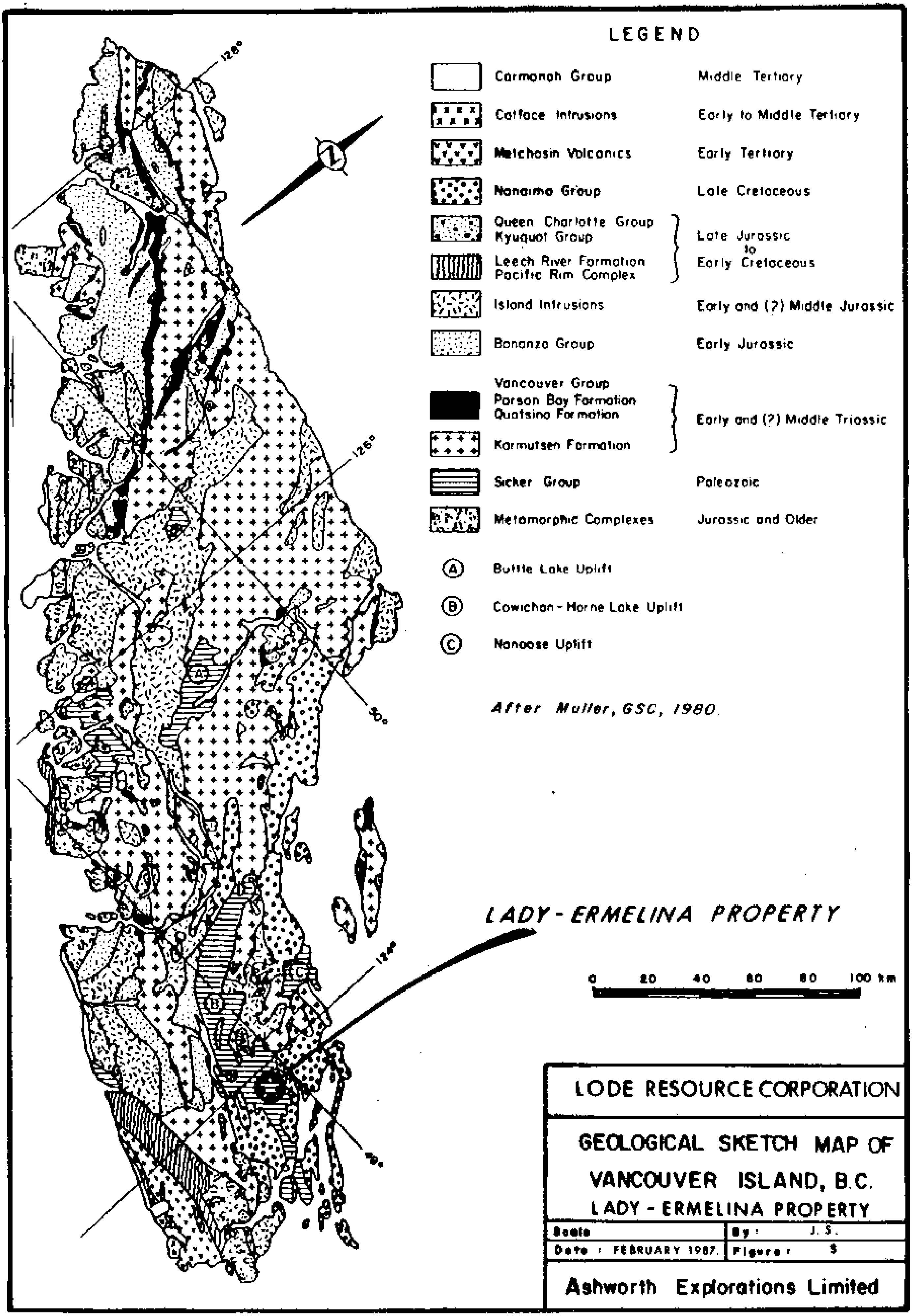
The centre of the property is located approximately 11 km SW of Ladysmith, southern part of Vancouver Island, B.C. The claim block straddles the steep-sided valley of the main branch of Chipman Creek, which flows southerly through the entire length of the property. The elevations above mean sea level range from about 500 m in the SW corner to about 1200 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 release to be signed by the claims owner, according to Order-in-Council No. 3037.

Access to the property is by several logging roads, and the powerline access roads from Ladysmith and through north end of the claim block. The area has been logged over 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 favourable areas for mineral exploration on Vancouver Island, ie, the Cowichan-Horne Lake Uplift of Paleozoic Sicker Group volcanic and sedimentary rocks.

Three such major uplifts 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 4-15 km SE of the property, and the old China Creek-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 sulfides 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 rhyodacitic volcanics, argillites, siltstone and chert. The geology and mineral deposits of the general area, including the history of Mt. Sicker camp, are more fully described in two previous reports, by Neale and Hawkins (MPH, 1985), and by Green (1986).


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
N
128°
126°
124°
50°
49°
LADY - ERMELINA PROPERTY
0 20 40 60 80 100 km
LODE RESOURCE CORPORATION
GEOLOGICAL SKETCH MAP OF
VANCOUVER ISLAND, B.C.
LADY - ERMELINA PROPERTY
Scale
By: J. S.
Date: FEBRUARY 1987.
Figure: 5
Ashworth Explorations Limited

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 Island Intrusions.

The main rock unit of Sicker Group here is the so-called Sediment-Sill Unit of Pennsylvanian to Mississippian age, consisting of argillite, graywacke and chert, intruded by diabasic sills. At the south 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 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, occuring directly along 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 in 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 Myra Formation, and are indicative of exhalative activity in the area. Both deposits are described in BCMM Annual Report for 1956, from which the following is summarized:

The Lady A deposit, near west edge of Ermelina Claims, west of the creek, consists of 2 stratabound taconite lenses, and outcrops along a strike length of 350 feet, with widths up to 60'. Diamond drilling in 1953 (12 holes totalling 1278 feet) revealed an average thickness of less than 30 feet. The deposit is exposed near the valley bottom, in area of limited outcrop; both the bedding of Sicker sediments and the attitude of the deposits is about NW/50-60° 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 east side of the creek, is believed to be larger 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 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 Port Alberni, as well as elsewhere, are known to carry anomalous values of gold.

The Anita Cu-Ag Showing, described in BCMM Annual Report for 1917, reportedly occurs east of Chipman Creek, on Ermelina claims block, 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 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 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 favourable Myra Formation of the Sicker Group rocks. The rocks of Myra Formation contain numerous precious and base metal showings and several past and presently producing mining camps, eg. 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.

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. Other, somewhat lesser prospects of similar ore are also known on Mount Brenton and Mt. Richards, 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 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 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 the Abermin's Lara property. The "discovery hole" here, in 1984, near Solly Creek south of the Coronation Mountain, is only about 4 km SE of the south boundary of the Lady-Ermelina claim group, and about 10 km, along the WNW regional strike, westerly of the Mount Sicker.

According to a recent article in Northwest Prospector (Feb/March, 1987), Abermin Corp. announced in Mid-January, 1987, the discovery of a sequence of rocks containing several anomalous polymetallic horizons on its Lara project. This new area is located some 7000 feet (2.13 km) north of Lara's Coronation Zone and was discovered during the 1986 fall drilling program (4 holes). These anomalous horizons reportedly graded up to 4.66% Zn, 0.31% Cu and 0.50% Pb, with anomalous Ag-Au over narrow widths; strike length of this anomalous zone was said to be over 8000 feet (about 2.5 km). Hence, this zone may be about 3 - 4 km SE from the Ermelina claims, and apparently on the same regional strike.

Also of great importance, according to the above article, was "the discovery and delineation of very high grade, precious metal rich polymetallic massive sulphides in the Coronation Zone". Eight DD holes have traced these massive sulphides over a strike length of 530 feet; they have an average true width of 11.12 feet and weighted average grade of 0.238 opt Au, 6.71 opt Ag, 14.91% Zn, 3.07% Pb, and 1.48% Cu.

Furthermore, the same article describes the recent discovery of gold mineralization on the Sognidoro claim, situated at Rheinhart Lake, about 10 km NW of Lady-Ermelina property, in the same belt of Myra Formation rocks striking NW-SE. Au values reportedly "ranged between 1.5 and 5.0 grams" (0.04 - 0.15 opt Au). "At the epicenter, the mineralization is exposed for a width of 300 feet with a linear extent of more than 6000 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 on the property are low grade gold bearing primary pyrites and high grade gold bearing quartz vein."

On the Lady-Ermelina property, the only showings known to occur are those of Lady A and Lady C taconite prospects on opposite sides of Chipman Creek, near the west boundary of the Ermelina claim block. A third showing, Anita Cu-Ag showing, reported to occur near the above two showings, has not been relocated again so far (see 7.1.3, below). No showings are known to occur on the property north of here.

Prior to Lode Resource Corporation, the same claim group was held/optioned by Rafael Resources Ltd. [now renamed Biologix (B.C.) 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 puroposes. 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 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-geochemical-geophysical survey over about 60% of the claim group area. The purpose of this program was two-fold:

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 ran 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 degree azimuth for 2.2 km from south boundary of the property.

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

681 soil samples, at 25 to 50 metre intervals were collected on the above grid, similar to soil survey of 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 Hastings Street, Vancouver. There, the soil samples were dried and sieved to -80 mesh size, then analysed by Induced Coupled Plasma (ICP) method for a package of 30 elements. These elements included gold, silver, most of the common base metals (eg. 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 occuring 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".

However, this method of outlining anomalous areas was found to be confusing, due to, first, to wide scattering of anomalous values for a particular element, and second, to lack of good correlation between anomalous samples of different elements.

Hence, to facilitate interpretation of the large variety and number of geochemical anomalies, 3 additional maps (Maps 7,8 and 9) were prepared, based on significance "ratings" of combined anomalies. These are further discussed in next chapter, under "Results".

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 11). Profiling was chosen due to lack of diurnal corrections, which would be needed if data is to be contoured across adjoining lines. No separate base-station magnetometer was used, and it was not expedient to use the one instrument used to take also base readings at sufficiently close time intervals.

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 analysed similar to soil samples (see Appendix). 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 granodioritic to dioritic "Island Intrusions" (Jg on map) occur. These intrusions are believed to have been emplaced 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. A thickness of about 3000 metres of the "Sediment-Sill Unit" is present, consisting 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 diabasic dykes and sills (SSdb on map) which become superabundant in the more cherty upper parts of the sedimentary pile. The tendency of the bedded chert to form open joint sets along bedding planes has made it a favourable host. The intrusive rock is magnetic in hand sample, 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 barren 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 material, 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 to 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. 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, but did not contain significant levels of base or precious metal mineralization.

The Myra Formation (SM on map) occupies the SW part 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. Quartz veins and infillings are uncommon, and barren of sulphides. 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.

7.1.2 Structure

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

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 a typical "U-shaped valley" with the flat bottom and steep sides, formed by the movement 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 E-W trending fault is present on the property, and in direct evidence in the river gorge on the west side. Relative movement appears to have been left lateral, but with 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.

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 and discouraging (see Appendix). Apparently the only sulphides present are pyrite and phrrhotite (± marcasite). 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 sulphides within a small quartz vein and silicified zone in the pyritic sediments, located just north of the "iron formation" in the vicinity of Lady C iron showing.

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 metres to 100 metres thick (see 7.1.1, above). This deposit may be of value as a source of industrial magnetite which has uses as a "coal cleaning" agent.

The old Anita Cu-Ag (see BCMM Annual Report for 1917), not located on the property, although extensive prospecting and searching was performed. It is concluded that either the showing has been buried by overburden which has slumped in the valley subsequent to logging, or it has been mislocated in old B.C.M.M. reports. (Based on present MINFILE 92B037 longitude/latitude, the Anita showing is near the summit of Mt. Hall, some 4 kilometres to the east of the property.)

7.2 GEOCHEMICAL SOIL SURVEY

7.2.1 Chalcophile Elements: Ag, Cu, Pb, Zn, As, Sb, Bi and Cd
(See Maps 3, 4 and 7)

Chalcophile elements have an affinity for sulphur, hence they tend to be concentrated in sulphide minerals; they form covalent bonds with sulphur.

Map 3 shows individual analytical values for silver, copper, lead and zinc, while Map 4 shows same for arsenic, bismuth, antimony and cadmium. Frequency distribution histograms and graphs, with calculated statistical parameters for each element, are shown also 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, without resorting to extracting the prohibitively fine and confusing details. Following is a brief description of individual elements and their anomalies.

Silver (Map 3)

Anomalous silver values tend to occur in the area underlain by Myra Formation; i.e. in the SW corner of the property, with the greatest concentration occurring just SW of the band of taconite/jasperoid rocks ("iron formation"). Very few, if any, anomalous silver values occur north of this band.

Background for silver is in the 0.1 - 0.2 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 + 75E, 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 to Line 5S, with width varying from 100 metres to 200 - 300 metres. There is a large gap in sampling between Lines 7S to 12S (about 600 metres) due to very steep, rocky terrain.

There is some local correlation with lead, zinc, arsenic and bismuth, particularly on the four southernmost lines.

Copper (Map 3)

Although sporadic copper "highs" are scattered throughout the southern half of the grid area, a rather definite copper soil anomaly occurs between Lines 1 North and 13 North, striking northerly, and having dimensions of at least 1.2 km long and up to 300 - 350 metres wide. This anomaly is centered on Ermelina and Ermelina 1 claims, and extends north of these; it partially overlaps part of a strong nickel-chromium anomaly.

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

Lead and Zinc (Map 3)

Like the other metals, the anomalous values of Pb and Zn occur sporadically over the grid area. However, within the Ermelina block area (and west of it), there is some correlations between these two base metals, and locally also with copper, silver, arsenic, manganese and cobalt.

Including the "threshold" values of both elements, two main lead-zinc anomalous trends can be outlined: the larger one is centered along the southern base line, between lines 3 South to 14 South (with a large gap in unsampled area), and the small one on lines 4N and 5N, near the western boundary.

There is 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.

Zinc values in soil range from 17 to 382 ppm, with 136 ppm taken as anomalous. The respective figures for lead are 2 - 58 ppm and 18 ppm.

Arsenic (Map 4)

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 5 South to 15 South, coinciding with the silver anomaly (see above). As 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" positively, i.e. logarithmic, indicating a definite anomalous content in values.

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. Same 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 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.

Gold (Map 4)

Gold values in soil have a range from 1 - 495 ppb, with the background in the 1 - 2 ppb range. To calculate the statistical parameters, the high values were "cut off" at 20 ppb Au (i.e. 2.5% of samples were omitted) in order to avoid unwarranted statistical "bias" caused by a few, but 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".

Probably 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 3 South to 12 South, with a large "open" unsampled gap in the center of this part of the grid.

There are additional small or "spot" Au anomalies throughout the grid area.

The highest Au value, 495 ppb, alongside two lesser values (71 and 29 ppb Au) occur on line 31 N, just east of the powerline. Since these high values there appeared somewhat incongruous, these sample sites were resampled on April 28, 1987 for further checking.

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 baseline, in the anomalous zone near 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.

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 ppm 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 "path-finder" for Platinum Group Elements.

Nickel (Map 4)

Nickel values in soil have a range of 1 - 379 ppm, with 5 - 20 ppm background and about 0 ppm "threshold"; 60 ppm Ni is taken as "anomalous".

Contoured anomalous and threshold values indicate a very definite anomalous zone, extending from line 16N (near the center of North Grid) to the SW corner of property, on Line 9S, a total NNE strike length of at least some 3.5 km, and width from about 50 metres widening to several hundred metres toward the north. This anomalous belt coincides almost exactly with a similar Chromium anomaly (see below); there is 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 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, analysed for here, but not shown on 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 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.

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 - 9123 and 14 - 533 ppm respectively, with their respective mean vales at 590 and 96 ppm, and "thresholds" at 1090 and 150 ppm. For avoiding statistical bias caused by high values, the "cut offs" in calculating statistical parameters were chosen at 3000 ppm Mn, while all values were used for Ba. The values above 1600 ppm 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 6. 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.

Strontium (Map 6)

Strontium appears to be locally correlated with Mn and Ba anomalies, particularly toward 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.

Chromium (Map 6)

Chromium anomaly very closely duplicates the Nickel anomaly (see above), having the same shape and dimensions. The range of values is 3 - 642 ppm 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 Earth's crust, but may occassionally 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) elements and a profusion of often low to moderate anomalies rather sporadically distributed over a wide area. Taken individually, rather limited sense can be made of their significance or importance, particularly in view of trying to outline some definite anomalous zones that may indicate "hidden" mineralization and, hence, may warrant further follow-up work.

For the purpose of following discussion, the anomalous values of the previously described ore metals as well 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 3 maps (Maps 7, 8 and 9) hence 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.

Chalcophile Elements (Map 7)

This map shows combined anomaly rating for 8 chalcophile elements, i.e. 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 about 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 toward south. A number of smaller anomalous zones occur on lines 3S to 9S, all being "open" toward SE, facing the gap. Several interesting "highs" also occur on lines 4N and 5N, on Prime Claim, toward west side of property.

Siderophile and Lithophile Elements (Map 8)

This map shows combined anomaly ratings for 3 siderophile (Au + Mo + Co) plus 3 lithophile (Mn + Ba + Sr) elements; Ni + Cr combined anomaly is shows 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 also are interpreted as following the regional geological strike. A number of these anomalies are also "open" and facing the unsampled gap on South Grid.

Combined Anomaly Ratings (Map 9)

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

The first set of anomalies, consisting of combined Au + Ag + Cu + Pb + Zn, and 9 other elements associated with them, are interpreted as reflecting possible 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.e. 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 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), 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 to 600 metres wide unsampled area (the terrain was considered to be too precipitous) which also includes Lady C taconite showing. It is reasonable to expect that at least some of the more anomalous trends will be continuous across the gap. Hence, an attempt should be made to add or to complete a few additional lines here, say Lines 8S and 10S, for additional information.

The second set of geochemical anomalies on Map 9 consists of combined Ni + Cr anomaly (shown separately on Maps 5 and 6); it contains practically all of the high Ni - Cr values in soilsamples. It trends for about 3 km in 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 m 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 north, some copper and cobalt "highs" are also associated with this zone (Maps 3 and 5).

The source or cause, nor the 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 are usually taken as good indication for the 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 at first glance suggests the presence of large, long ultrabasic dyke running parallel to or along the Chipman Creek Valley, probably widening to a larger ultrabasic body (or bodies) toward the center of the property. Unfortunately, comparison of the geology map with the outline of the Ni - Cr anomaly neither proves, nor disproves it, due to the lack of outcrops in the pertinent area.

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 casued 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 gobbles and gravel. The area covered by this material narrows to a floodplain toward south, downstream, as suggested by the shape of anomaly. Toward north, on 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 east, along the north side of this tributary. A second anomaly occurs on lines 7N and 10N, of the main creek, also "open" toward east. A similarly situated but smaller and weaker Ni + Cr anomaly occurs along east ends of Lines 13N and 16N, by now 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 analysed 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)

VLF-EM survey was run by taking the in-phase (dip angle) readings only, using the Seattle transmitter. The lack of out-of-readings considerably restricts the interpretation of significance 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 to 3S. Similar to soilsampling coverage, there is a 400 to 600 metres wide gap north of Line 12S, due to precipitous terrain.

However, notwithstanding these shortcomings of the survey, a number of more or less parallel, NW trending conductive zones are indicated on the South Grid. Here they are probably related to graphitic layers and/or pyritic horizons and seams within the black argyllite. The best defined ones of these run NW and parallel to the "iron-formation", following the regional strike of geology and the trends of precious and base metal geochemical anomalies; this area is underlain by the pyritic Sediment-Sill Unit (SSpy).

On southernmost 4 lines (L12S to L15S), two well-defined subparallel EM conductors, about 150 to 200 metres apart, have good correlation with soil anomalies. 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. Toward north of the major E-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, at least some lines should be run by taking in-phase and out-of-phase VLF readings. Fraser-filtering of the present data may also give new insights.

7.3.2. Magnetic Survey

(See Maps 11-A and 11-B)

The readings of 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 powerlines, resulting in a 150 - 200 metres wide strip where no readings could be taken. There is also an unsurveyed gap in South Grid, NW of Line 12S, where the terrain was too precipitous for running lines.

Regardless of these drawbacks, the following observations can be made:

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

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.

Other strong magnetic "highs" appear to be related to magnetite gabbro, and probably pyrrhotite in cherts and also diabase dykes.

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 to 7N) and probably extend to Lines 10N and 13N of 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. However, a critical part of the area is under the powerline, where no mag survey was run.

8. CONCLUSIONS

1. A belt of NW trending, geologically favourable Myra Formation rocks of Paleozoic Sicker Group underlies the southern part of 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 SE of the property.

2. The presence of "iron formation", with two known taconite (Fe) showings, in the Myra rocks on the SW part of the property indicates that a favourable geological environment for volcanogenic massive sulphide and/or precious metal deposits is present on the property. The Abermin's Lara property, containing the auriferous Coronation Zone, and others, occurs along the same geological strike and about 4 - 5 km SE of the property.

3. Aside from the two known taconite showings, there are no other known mineral showings on the property. (A third old prospect, Anita Cu-Ag, reported in 1917 to occur in the property area, could not be found). The 1987 sampling of various outcrops, and quartz veins in the property did not reveal any significant or economic mineralization.

4. The recent geochemical soil survey resulted in a large number of precious, base and trace metal anomalies being found, mainly in the southern part of the property underlain by Myra Formation schists and pyritic black shales. However, these anomalies tend to be small, sporadic, scattered and only locally correlating, if taken individually. When the various geochemical anomalies are combined, they tend to merge into a number of larger NW-SE trending anomalous zones, with the strongest and best defined anomalous zones occurring close to or along the "iron formation", particularly just NE of the "iron formation" across lines L12S to L15S. Many of these zones are "open" toward the large unsampled gap north of Line 12S - an area of precipitous terrain and steep cliffs.

5. Outcrops are generally quite scarce, particularly along the valley bottom, hence it is not possible to correlate the anomalies with geology to any extent.

6. Both VLF-EM and magnetic surveys were hindered a) by interference from 2 parallel powerlines, and b) by steep, precipitous terrain in parts of the grid area. However, a number of geophysical anomalies were found.

7. The VLF-EM conductors (in-phase only), striking NW same as the regional geology, occur mainly in the area of pyritic black chert and argyllite. It is thought that they are caused by graphitic and/or sulphide (= pyritic) layers in these rocks. The best defined conductors occur on Lines 12S to 15S, associated there with the most pronounced soil anomalies.

8. The mag anomalies (profiled only) appear to reflect major rock types, i.e: the profiles are low and flat over Myra schists, and "highs" are associated with magnetite gabbro, diabase dykes and "iron formation".

9. A strong, well-defined, NNE trending Nickel - Chromium soil anomaly which cuts across the most South Grid area and across the other prevalent regional trends, is believed to be caused by a source of ultrabasic rocks possibly occurring east of the present grid area. The relatively narrow southern "tail" of this anomaly is probably caused by detrital Cr - Ni deposited on the floodplain of the Chipman Creek, downstream of this source. Of course, these theories have yet to be proven.

10. In summary, the area of most interest presently is that adjacent to the "iron formation" (mainly on Ermelina claim block), particularly on Lines 12S to 15S, along and NE of the baseline. The various soil and geophysical anomalies here probably continue across the unsurveyed "gap" toward NW, joining with the anomalies there. This also has to be proven.

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

9. RECOMMENDATIONS

Reviewing the results of the recent fieldwork on the property, several "loose ends" became apparent that in writer's opinion, should be "tied down" before a Phase II, or any follow-up work is suggested. (Call this the Phase I-B)

9.1 COMPLETION OF PHASE I (PHASE I-B)

The purpose of this phase is to complete the reconnaissance type coverage (similar to previous survey) over the claim block area, particularly in the SE quadrant and in the "gap" north of Line 12 South. More particularly:

1. Soilsamples 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. (If samples have been discarded, repeat sampling should be carried out; about 40 sample points are involved.) If these samples are Pt - Pd positive then this has to be taken into account carrying out step 2), below. Tributary streams in this area should also be sediment sampled for these 4 elements.

2. Additional soilsampling, 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 1), above. Notice that most of lines run at 300 metre intervals. Soilsamples (about 300) should be initially taken at 50 metre intervals. 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).

3. 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.

4. Regarding all results from the steps 1. to 3. above, consider adding fill-in survey lines at 100 metre line intervals where warranted.

5. The results of this work and the previous 1987 survey results should be combined, plotted and evaluated (i.e. updating the present maps). Target areas, if any, should be then selected for Phase II surveys. Probably more detailed scale maps (eg. 1 : 2,000 or 1 : 2,500) will be required for some areas.

9.2 PHASE II

The carrying out of this next phase will depend on the positive results from all Phase I surveys. In general, this work would include:

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

2. Laying out more detailed control grids, say at 50 or 25 metre line intervals, in selected areas. One such area already indicated is the EM and soil anomalous zone 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.

3. These grids should be soilsampled in detail, say at 25 x 50 to possibly 10 x 25 metre intervals (including samples already taken). They 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, detail geophysics (EM, mag, IP) have to be considered, along with geophysical consultation.

4. Following step 3. above, trenching of the more interesting areas (by backhoe or bulldozer) to bedrock. Exposed bedrock to be sampled and mapped in detail.

5. Another effort should be made to locate, by careful prospecting, the old Anita Cu - Ag showing (which may or may not be located on the property). The Lady A and Lady C taconite (Fe) prospects should also be more closely examined, mapped and assayed for Au, comparing the results with the descriptions in old BCMM reports.

6. All results should then be plotted on sufficiently detailed scale, and evaluated to plan a Phase III, if and where warranted.

9.3 PHASE III

This phase would be contingent on the positive results from all previous work. Essentially, if and where warranted, it would consist of diamond drilling, with possibly some additional trenching and geophysics preceeding the drilling to assist to lay out the drill holes.

10. BUDGET

PHASE I-B
(Estimated 4 persons x 10 days in field)

Project Geologist @ $275 x 10 days	$ 2,750	
Field Geologist @ $225 x 10 days	2,250	
2 Geotechnicians @ $190/each x 10 days	3,800	
		$ 8,800
4 x 4 Truck Rental @ $90 x 10 days	$ 900	
Room & Board @ $60 x 40 man-days	2,400	
Communications @ $20 x 10 days	200	
VLF-EM & Mag Rental @ $120 x 10 days	1,200	
Field Supplies	600	
Mob/Demob	600	
		5,900
Geochemical Analyses & Assays say, 400 samples @ $15	$ 6,000	
		6,000
Administration & Management @ $400 x 2 days	$ 800	
Consulting & Supervision @ $400 x 4 days	1,600	
Reporting and Data Compilation @ $275 x 6 days	1,650	
Drafting, typing, copying, etc.	1,000	
		5,050
	Sub Total	$ 25,750
	Contingency & Miscellaneous (15% of above)	3,860
	TOTAL FOR PHASE I-B	**$ 29,610**
		(Say, 30,000)

PHASE II

[Estimated 4 persons (+ contractor) x 2 weeks in field]

This budget is contingent on results of Phase I and hence subject to revision.

Project Geologist @ $275 x 14 days	$ 3,850	
Field Geologist @ $225 x 14 days	3,150	
2 Geotechnicians @ $190/each x 14 days	5,320	
		$ 12,320
4 X 4 Truck Rental @ $90 x 14 days	$ 1,260	
Room & Board @ $60 x 56 man-days	3,360	
Communications @ $20 x 14 days	280	
VLF-EM and Mag Rental @ $120 x 14 days	1,680	
Field Supplies	1,000	
Mob/Demob	1,000	
		8,580
Backhoe @ $150/hr x 6 days/8 hrs	$ 7,200	
Backhoe Mob/Demob	500	
		7,700
Geochemical Analyses & Assays say, 600 samples @ $15	$ 9,000	
		9,000
Administration & Management @ $400 x 4 days	$ 1,600	
Consulting & Supervision @ $400 x 6 days	2,400	
Reporting and Data Compilation @ $275 x 8 days	2,200	
Drafting, typing, copying, etc.	1,500	
		$ 7,700
	Sub-Total	$ 45,330
	Contingency & Miscellaneous (15% of above)	6,800
	TOTAL FOR PHASE II	**$ 52,130**
		(Say, $52,000)

PHASE III

(Estimated 1000 metres of diamond drilling)

This budget is contingent on the results of Phases I and II and hence subject to revision.

Project Geologist @ $275 x 14 days	$ 3,850	
Geotechnician @ $190 x 14 days	2,660	
		$ 6,510
Diamond Drilling @ $80/m x 1000 m	$80,000	
Mob/Demob	2,000	
		82,000
4 X 4 Truck Rental @ $90 x 14 days	$ 1,260	
Room & Board @ $60 x 28 man-days	1,680	
Communications @ $20 x 14 days	280	
Field Supplies	400	
		3,620
Core assays say, 400 samples @ $15	$ 6,000	
		6,000
Administration & Management @ $400 x 4 days	$ 1,600	
Consulting & Supervision @ $400 x 5 days	2,000	
Reporting & Data Compilation @ $275 x 6 days	1,650	
Drafting, typing, copying, etc.	1,000	
		$ 6,250
	Sub-Total	$ 104,380
	Contingency & Miscellaneous (15% of above)	15,660
	TOTAL FOR PHASE III	**$ 120,040**
		(say, $ 120,000)

TOTAL PROPOSED BUDGET:

Phase I-B	$ 30,000
Phase II	52,000
Phase III	120,000
	$ 202,000

Respectfully submitted by:

ASHWORTH EXPLORATIONS LIMITED

GEOLOGICAL ASSOCIATION OF CANADA

H. LAANELA

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

May 6, 1987
Nanaimo, B.C.

ITEMIZED COST STATEMENT

Lady-Ermilina, Vancouver Island, B.C.
Victoria Mining Division
Phase 1(a) and 1(b)

Project Preparation	$ 2,000	
Mob/Demob	4,000	
		$ 6,000
Project Geologist @ $350/day x 18	$ 6,300	
Field Geologist @ $275/day x 18	4,950	
2 Geophysical Operators @ $225 x 35 mandays	7,875	
2 Geotechnicians @ $190 x 37 mandays	7,030	
Sub-contracts	1,800	
		27,955
Lab Analysis (30 element)		
871 soils @ $10.75	$ 9,363.25	
52 rocks @ $14.50	$ 754	
Instrument rentals, including start-up, and insurance: Proton-Precession Magnetometer and Phoenix VLF-2 $150 x 18	2,700	
Truck rentals, including gas & mileage 4x4's @ $125/day x 18 x 2	4,500	
Communications @ $50/day x 18	900	
Room & board @ $70/man/day x 107 mandays	7,490	
Field supplies $100/day x 18	1,800	
		27,507.25
Supervision @ $450/day x 18	$ 8,100	
Consulting and Reporting (F.G.A.C.) includes field visits @ $450/day x 19	8,550	
Office support (staff geologists) $250 x 9 mandays	2,250	
		18,400
Drafting and maps	3,080	
Copying, word processing, binding	1,164	
		4,240
SUB-TOTAL		$84.605.25
Administration 15%		12,690.78
TOTAL PHASE IA & IB		$97,296.03

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.A. 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, my previous experience in the area, and my visit to the property on April 28th, 1987.

5. I have no interest in any of the claims of the property, nor have I any shares in the company.

6. I consent to the use of this report in a Prospectus or Statement Material Facts by Lode Resource Corporation for the purpose of private or public financing.

Dated at Nanaimo, British Columbia this 6th day of May, 1987.

GEOLOGICAL ASSOCIATION OF CANADA
H. LAANELA
FELLOW

Hugo Laanela, F.G.A.C.

CERTIFICATE

I, Alan R. Hill, residing at #1401 - 1601 Barclay Street, Vancouver, B.C. V6G 1J9, do hereby declare that:

1. I am a geologist, and graduated from the University of Western Ontario, London, Ontario in 1984 with a Bachelor of Science degree in Geology.

2. I have worked during the last 8 years in the geological field in the N.W. Territories, Ontario, Quebec and British Columbia.

3. I worked during January 16 - 24 and February 18 - 23, 1987, as a project geologist on the Lady-Ermelina Claim Group, subject of this report, and also supervised field work.

4. I have no interest, no do I expect to receive any interest, in the subject property of this report or in any shares of the company.

Dated at Vancouver, British Columbia, this 6th day of May, 1987.

Alan R. Hill, B. Sc.

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

REFERENCES

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Muller, J.E., 1980 (b), GSC Map 1553A - Geology of Victoria, West of 6th Meridian, B.C., 1:100,000, with marginal notes.

Neal, T., and Hawkins, T.G., 1985: Preliminary Assessment and Recommended Work Program, Lady Group, Victoria M.D., B.C., for Lode Resource Corp. by MPH Consulting Ltd. (July 30, 1985).

Walker, R.R., 1983: Ore Deposits at the Myra Falls Minesite; in Western Miner, May 1983, ppk. 22-25.

Northern Miner, June 16, 1986, pp. B-13 and B-23; references to Abermin's Lara Deposit (Coronation Zone), etc., in Mt. Sicker area.

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

Geochemical ICP Analysis - Lab Results

by

Acme Analytical Laboratories Ltd.
685 Hastings St., Vancouver, B.C.

1.	Lady-Ermelina	File # 87 - 0160, pp. 1 - 20 incl. (Soil and 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. .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	207	3.99	2	5	ND	1	8	1	2	2	114	.13	.025	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 19K 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	3	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	25	.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	2.38	3	5	ND	1	22	1	2	2	56	.37	.070	5	12	.63	299	.31	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	.28	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	.01	.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	27	.23	62	.12	3	2.69	.02	.03	2	[illegible]
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	5
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	7
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	47	.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	274	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	2.38	.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	.03	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	149	.35	.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	37	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	9	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	9	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	91	.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	.160	36	58	.88	182	.09	38	1.71	.07	.15	13	54

ASHWORTH EXPLORATION PROJECT - LADY-EMMELINA FILE # 87-0160

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	29	1	2	2	85	.37	.039	6	19	.27	67	.17	2	2.46	.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	.367	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	36	.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	20	.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	.41	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	.13	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	199	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	34	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	104	.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	7	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	11	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	2.63	.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

ASHWORTH EXPLORATION PROJECT LADY ERMELINA FILE # 87-0160

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	82	.19	.020	5	14	.36	81	.16	2	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	.15	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	7	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	12	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	.03	.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	.78	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	.40	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	.03	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	.092	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	2	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	3	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	181	.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	19	.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	128	.15	4	2.53	.02	.05	2	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	3.93	.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	2.07	.02	.03	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	1.75	.07	.15	17	51

ASHWORTH EXPLORATION PROJECT - LADY EMELINA FILE # 87-0160

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	11	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	96	.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	9	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	.02	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	3	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	45

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	118	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	37	510	5.46	5	5	ND	1	20	1	2	2	119	.36	.111	6	253	1.99	112	.17	3	2.94	.02	.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	.10	2	3.08	.02	.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	56	.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	.03	.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	.03	.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	2.43	.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	13	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	48

ASHWORTH EXPLORATION PROJECT - LADY-ERMELINA FILE # 87-2160

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	2	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	.515	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	.72	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	.92	183	.09	38	1.72	.07	.16	13	47

ASHWORTH EXPLORATION PROJECT - LADY-ERMELINA FILE # 87-0169

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	12	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	112	.39	.102	7	24	.72	122	.12	3	2.66	.02	.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	.04	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	.02	.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	.09	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

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SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	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	75
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	13	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	.03	.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	1	1
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	.03	.03	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

ASHWORTH EXPLORATION PROJECT - LADY-ERMELINA FILE # 87-0169

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	.03	.02	1	1
LE-87 2S 7+50E	1	29	7	53	.1	25	9	202	3.09	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	29	.96	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	422	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	.070	7	9	.37	77	.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	1.87	.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	4.77	2	5	ND	1	12	1	2	2	126	.30	.047	5	67	.83	86	.23	4	2.83	.03	.05	1	37
LE-87 3S 1+25E	1	110	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	.07	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	1.97	.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	.03	.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	22
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	150	.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	2.76	.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	.03	.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	51	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	.07	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	.315	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	3467	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	.032	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	13	54

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

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	43	.54	55	.15	3	1.82	.02	.07	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	.105	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	115	.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	50	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	.31	6	4.77	.01	.03	1	2
LE-87 13S 2+50E	1	160	7	77	.2	31	44	321	5.14	9	5	ND	1	10	1	3	3	135	.23	.116	4	52	.60	66	.18	3	5.16	.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	7	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	.2	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	179	.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	33	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	AuT PPB
LE-97 15S 3+00W	1	105	11	60	.3	33	19	476	5.17	8	5	ND	2	23	1	2	7	136	.32	.083	7	98	1.22	67	.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	.102	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	7	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

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

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	.078	2	23	1.74	12	.20	9	2.42	.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	1.30	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	44	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	20	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
quartz veins SSif	LE-87 18	18	48	2	18	.1	30	17	1587	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	207	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	460	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
75% 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	2	.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	56	16	15	19	65	.48	.103	37	60	.88	189	.09	38	1.72	.07	.15	13	505

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
SS py	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	.07	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
SS py	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	.016	7	3	.27	43	.30	6	.57	.06	.13	1	1
SS py	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

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. [signature] ..DEAN TOYE. CERTIFIED B.C. ASSAYER.

ASHWORTH EXPLORATION PROJECT - LACY FILE # 87-0524 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 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	64	.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	.13	.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	256	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	212	.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	3	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	3.73	.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

ASHWORTH EXPLORATION [illegible]

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	AuI PPB
LE-87 28N 7+50E	1	28	3	41	.1	12	6	195	3.02	2	5	ND	3	15	1	2	2	81	.29	.020	4	20	.28	72	.14	2	1.56	.02	.03	1	1
LE-87 28N 8+00E	1	43	11	48	.1	9	4	135	3.18	5	5	ND	3	10	1	2	2	77	.17	.051	5	24	.23	56	.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	2	91	.16	.086	5	22	.18	50	.12	10	2.57	.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	.12	47	.10	2	1.42	.01	.03	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	.46	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	.13	2	2.07	.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	92	.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	2
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	.03	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	.03	.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	33	.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	.03	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	2.57	.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	.88	172	.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	.21	.162	4	15	.23	116	.10	2	1.44	.01	.05	1	1
LE-87 22N 11+00E	2	48	12	61	.1	6	8	475	3.54	19	5	ND	2	10	1	3	2	74	.25	.151	3	14	.25	99	.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	2	65	.21	.274	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	2	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	94	.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	76	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	.3	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	1.07	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	Au* 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	113	.1	23	36	912	6.72	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	.28	.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	107	.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	9125	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	127	.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	22	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	37	.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

ASHWORTH EXPLORATION [illegible]

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	.077	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	272	3.20	2	5	ND	1	13	1	2	2	60	.17	.109	4	21	.38	52	.10	4	1.52	.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	2	2	78	.21	.060	4	24	.61	68	.13	2	2.46	.01	.04	1	1
LE-87 7S 9+75W	1	13	5	55	.1	6	4	165	2.36	2	5	ND	1	16	1	2	2	53	.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	1
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 PAGE [illegible]

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	37	15	730	4.32	12	5	ND	1	18	1	2	2	76	.36	.089	7	49	1.16	66	.15	2	2.18	.02	.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	2	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	.02	.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	137	.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	2	35	1	2	2	128	.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	2	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	97	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	.02	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	8	.43	90	-.25	6	2.62	.18	.09	1	1

N

LEGEND

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

0 200 400 600 800 1000 metres

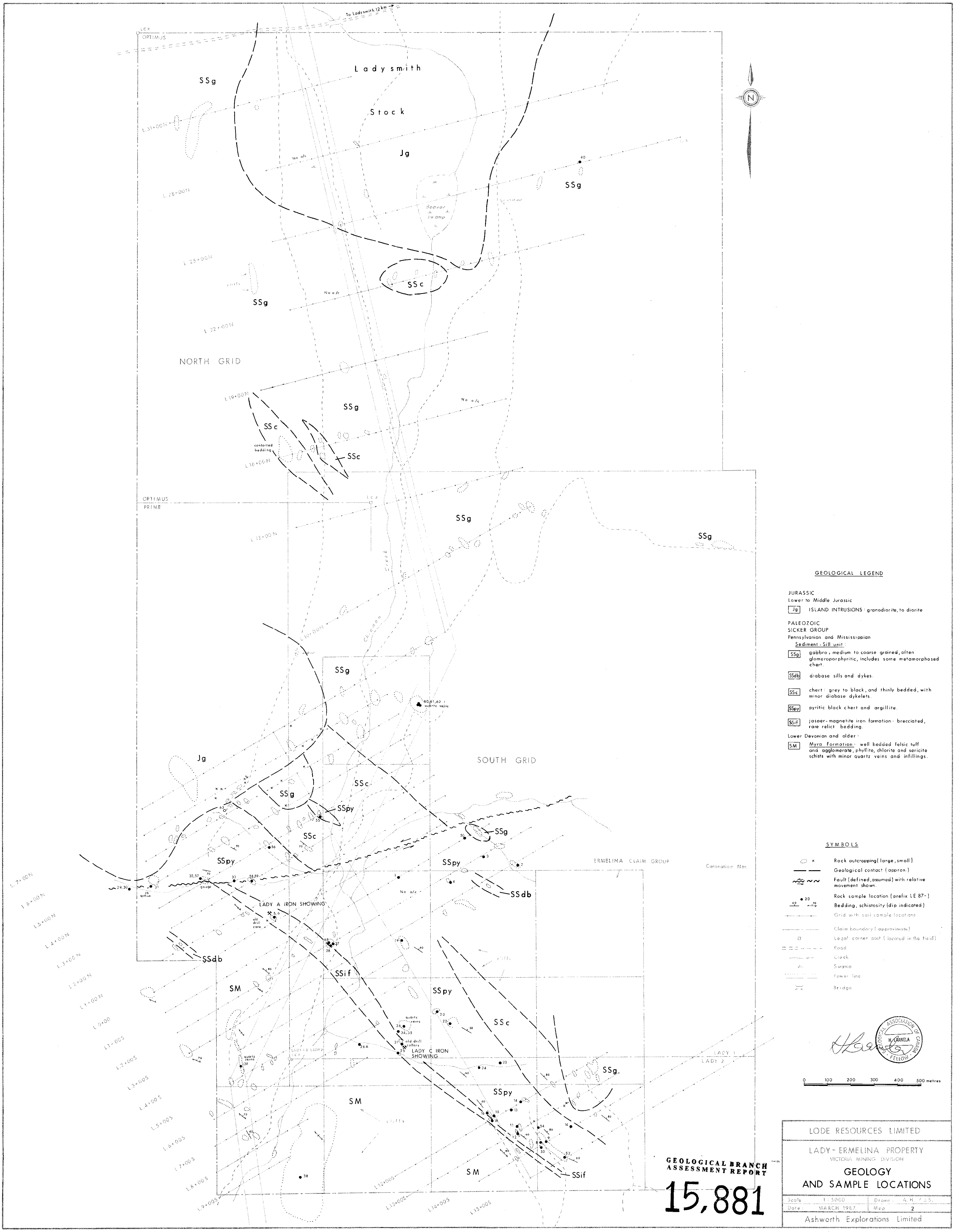
NTS 92B/13W

H. LAANELA, FELLOW, GEOLOGICAL ASSOCIATION OF CANADA

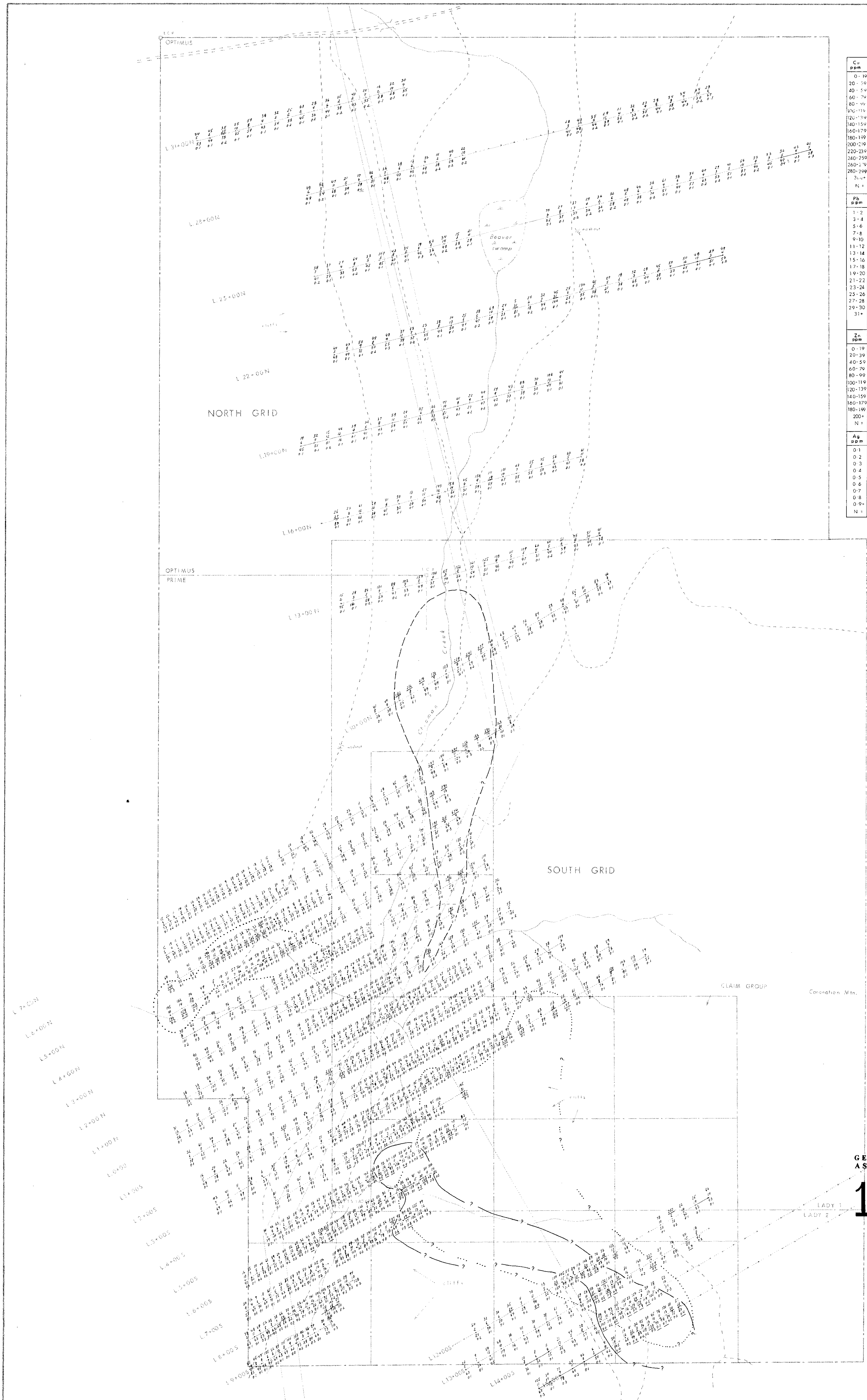
GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,881

LODE RESOURCES LIMITED	
LADY-ERMELINA PROPERTY VICTORIA MINING DIVISION	
GRID PLAN AND TOPOGRAPHY	
Scale: 1:10 000	Drawn: A.H./J.S.
Date: Mar 1987.	Map: 1
Ashworth Explorations Limited	



To Ladysmith 12 km
OPTIMUS
Ladysmith
Stock
Jg
SSg
SSc
NORTH GRID
Beaver Swamp
OPTIMUS
PRIME
SOUTH GRID
SSpy
SSdb
SSif
SM
LADY A IRON SHOWING
LADY C IRON SHOWING
ERMELINA CLAIM GROUP
Coronation Mtn
LADY 1
LADY 2
GEOLOGICAL LEGEND
JURASSIC
Lower to Middle Jurassic
Jg ISLAND INTRUSIONS : granodiorite, to diorite
PALEOZOIC
SICKER GROUP
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
Rock outcropping (large, small)
Geological contact (approx.)
Fault (defined, assumed) with relative movement shown.
Rock sample location (prefix LE 87-)
Bedding, schistosity (dip indicated)
Grid with soil sample locations
Claim boundary (approximate)
Legal corner post (located in the field)
Road
Creek
Swamp
Power line
Bridge
H. LAANELA
GEOLOGICAL ASSOCIATION OF CANADA
FELLOW
0 100 200 300 400 500 metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,881
LODE RESOURCES LIMITED
LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION
GEOLOGY
AND SAMPLE LOCATIONS
Scale 1 : 5000
Drawn : A.H. / J.S.
Date : MARCH 1987
Map 2
Ashworth Explorations Limited



DISTRIBUTION OF CHALCOPHILE ELEMENTS IN SOIL

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

COPPER

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

Range : 2 - 674 ppm

$\bar{x}$ = 65 ppm
s.d. = 55 ppm
$\bar{x}$ + s.d. = 110 ppm
$\bar{x}$ + 2 s.d. = 175 ppm
$\bar{x}$ + 3 s.d. = 230 ppm
$\bar{x}$ + 4 s.d. 285 ppm
(based on all samples)

LEAD

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

Range : 2 - 58 ppm

$\bar{x}$ = 8 ppm
s.d. = 5 ppm
$\bar{x}$ + s.d. = 13 ppm
$\bar{x}$ + 2 s.d. = 18 ppm
$\bar{x}$ + 3 s.d. = 23 ppm
$\bar{x}$ + 4 s.d. = 28 ppm
(based on all samples)

ZINC

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

Range : 17 - 382 ppm

$\bar{x}$ = 68 ppm
s.d. = 34 ppm
$\bar{x}$ + s.d. = 102 ppm
$\bar{x}$ + 2 s.d. = 136 ppm
$\bar{x}$ + 3 s.d. = 168 ppm
$\bar{x}$ + 4 s.d. = 204 ppm
(based on all samples)

SILVER

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

Range : 0·1 - 1·9 ppm

$\bar{x}$ = 0·2 ppm
s.d. = 0·1 ppm
$\bar{x}$ + s.d. = 0·3 ppm
$\bar{x}$ + 2 s.d. = 0·4 ppm
$\bar{x}$ + 3 s.d. = 0·5 ppm
(based on all samples)

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,881

GEOLOGICAL ASSOCIATION OF CANADA · H. LAANELA · FELLOW ·

0 100 200 300 400 500 metres

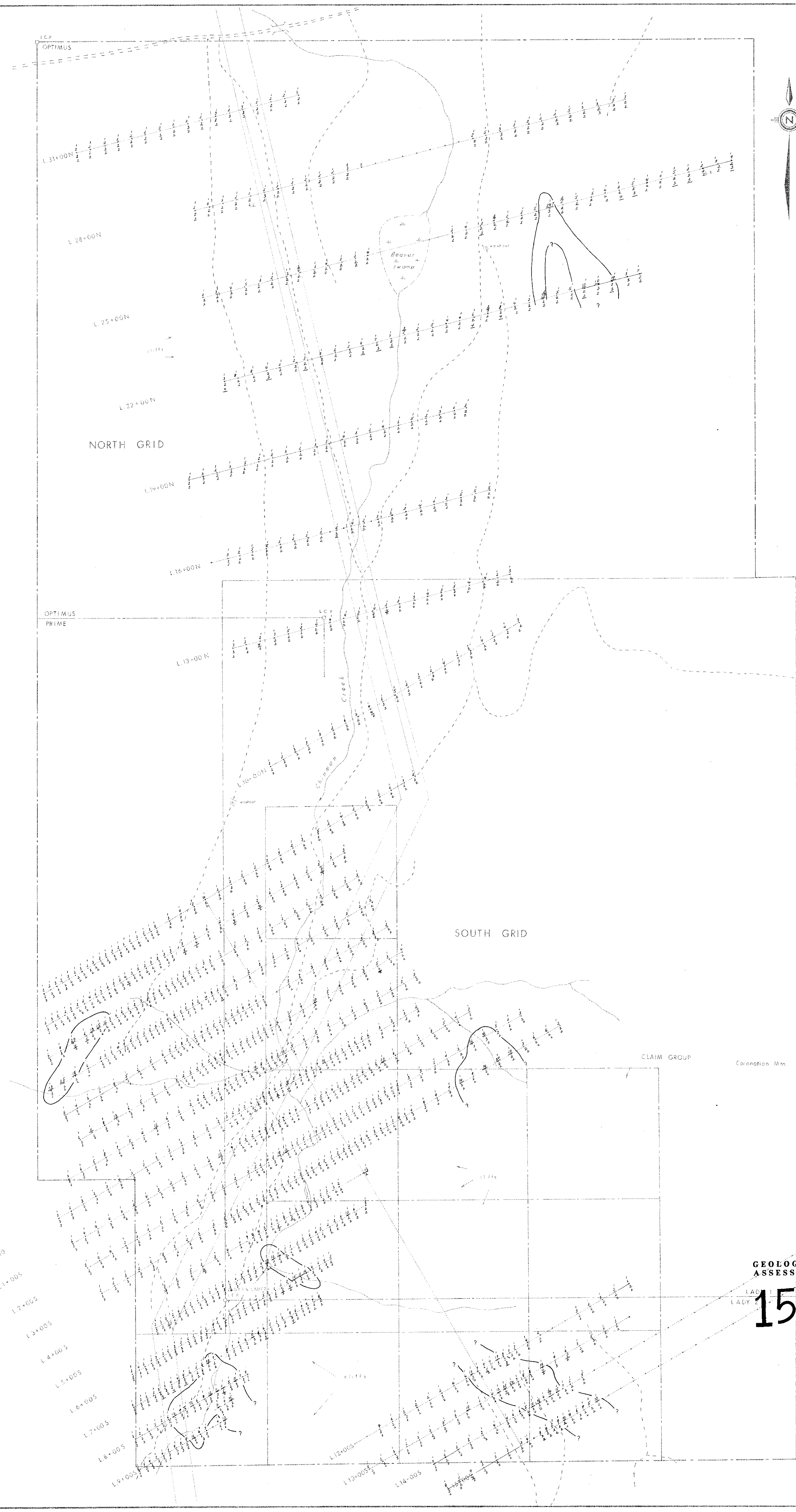
LODE RESOURCES LIMITED

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



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
1	-	-	-	Range : 2 - 247 ppm
2	89	201	290	For 20 ppm cut-off (N = 866) :
3	41	112	153	$\bar{x}$ = 4·4 ppm
4	26	88	114	s.d. = 3 ppm
5	17	75	92	$\bar{x}$ + s.d. = 7·4 ppm
6	4	65	69	$\bar{x}$+2 s.d. = 10·4 (≈10) ppm
7	4	36	40	$\bar{x}$+3 s.d. = 13·4 (≈13) ppm
8	3	23	26	$\bar{x}$+4 s.d. = 16·4 (≈16) ppm
9	1	22	23	
10	2	13	15	
11	1	10	11	
12	-	11	11	
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
1	-	-	-	Range : 2-6 ppm
2	173	594	767	For all samples (N = 871) :
3	14	61	75	$\bar{x}$ = 2 ppm
4	3	13	16	s.d. = 1 ppm
5	-	11	11	$\bar{x}$ + s.d. = 3 ppm
6	-	2	2	$\bar{x}$ + 2 s.d. = 4 ppm
7+	-	-	-	
N =	190	681	871	

Sb ppm	F_N	F_S	F_T	ANTIMONY
1	-	-	-	Range: 2-8 ppm
2	174	664	838	For all samples (N = 871) :
3	12	13	25	$\bar{x}$ = 2·05 ppm
4	4	2	6	s.d. = 0·32 ppm
5	-	1	1	$\bar{x}$ + s.d. = 2·4 ppm
6	-	-	-	$\bar{x}$ + 2 s.d. = 2·7 (≈3) ppm
7	-	-	-	
8	-	1	1	
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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,881

H. LAANELA
GEOLOGICAL ASSOCIATION OF CANADA FELLOW

0 100 200 300 400 500 metres

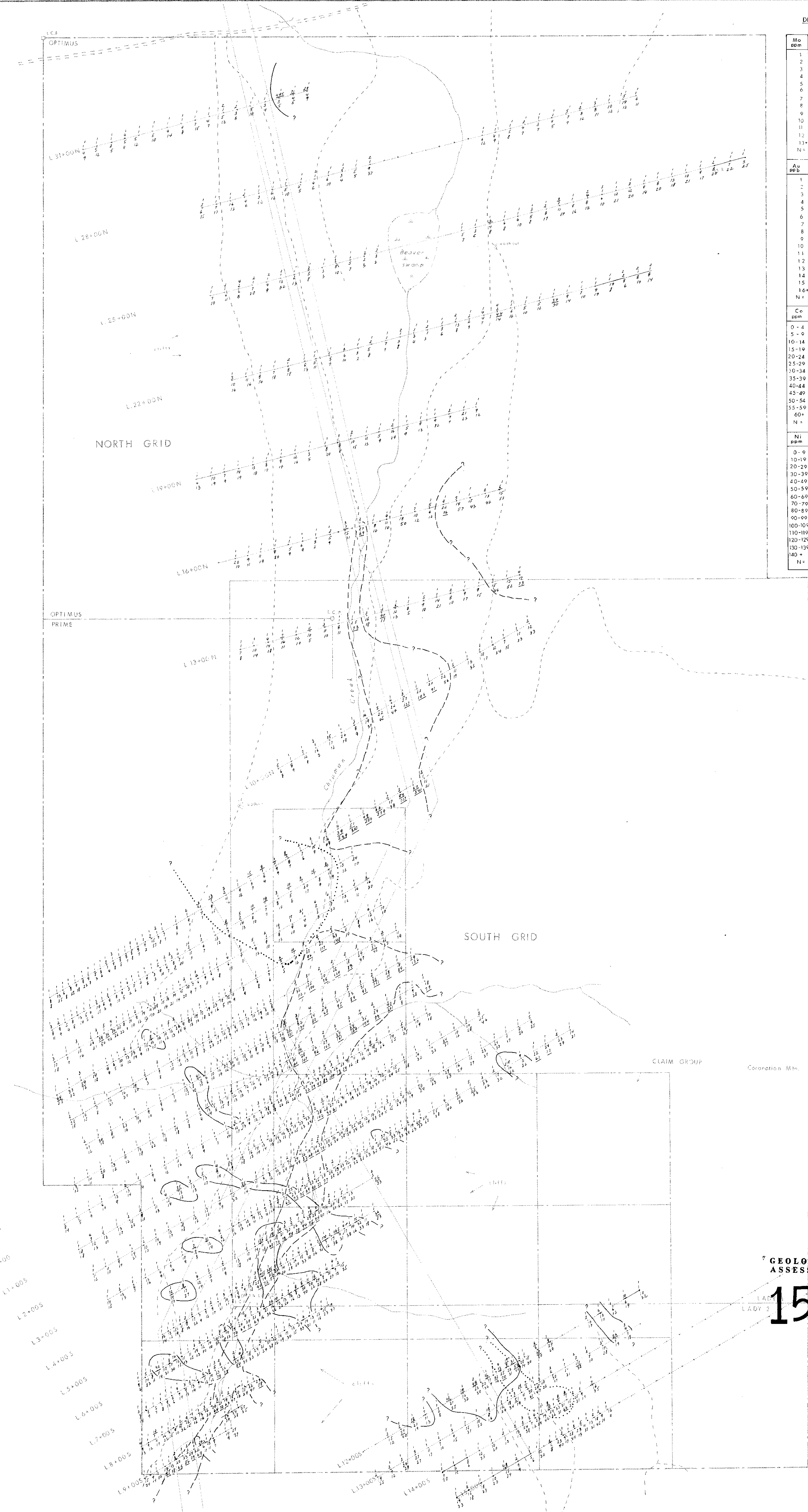
LODE RESOURCES LIMITED

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 SIDEROPHILE ELEMENTS IN SOIL

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

MOLYBDENUM

Mo ppm	F_N	F_S	F_T
1	169	544	713
2	15	51	66
3	3	35	38
4	2	16	18
5	-	7	7
6	1	4	5
7	-	4	4
8	-	7	7
9	-	-	-
10	-	3	3
11	-	-	-
12	-	2	2
13+	-	8	8
N =	190	681	871

Range 1 - 21 ppm

For all samples (N = 871):

$\bar{x}$ = 2 ppm
s.d. = 2 ppm
$\bar{x}$ + s.d. = 4 ppm
$\bar{x}$ + 2 s.d. = 6 ppm
$\bar{x}$ + 3 s.d. = 8 ppm
$\bar{x}$ + 4 s.d. = 10 ppm

GOLD

Au ppb	F_N	F_S	F_T
1	128	451	579
2	27	88	115
3	9	43	52
4	8	26	34
5	7	11	18
6	3	9	12
7	3	4	7
8	-	8	8
9	-	4	4
10	-	3	3
11	1	3	4
12	-	2	2
13	-	1	1
14	1	2	3
15	-	1	1
16+	3	25	28
N =	190	681	871

Range: 1 - 495 ppb

For 20 ppb cut-off (N = 849):

$\bar{x}$ = 2 ppb
s.d. = 2·27 ppb
$\bar{x}$ + s.d. = 4·2 (≈4) ppb
$\bar{x}$ + 2 s.d. = 6·5 (≈6) ppb
$\bar{x}$ + 3 s.d. = 8·8 (≈9) ppb
$\bar{x}$ + 4 s.d. = 11·0 ppb

COBALT

Co ppm	F_N	F_S	F_T
0 - 4	32	12	44
5 - 9	92	170	262
10 - 14	34	199	233
15 - 19	20	121	141
20 - 24	6	81	87
25 - 29	3	51	54
30 - 34	1	24	25
35 - 39	-	6	6
40 - 44	2	4	6
45 - 49	-	1	1
50 - 54	-	5	5
55 - 59	-	3	3
60+	-	4	4
N =	190	681	871

Range 1 - 111 ppm

For all samples (N = 871):

$\bar{x}$ = 15 ppm
s.d. = 10 ppm
$\bar{x}$ + s.d. = 25 ppm
$\bar{x}$ + 2 s.d. = 35 ppm
$\bar{x}$ + 3 s.d. = 45 ppm
$\bar{x}$ + 4 s.d. = 55 ppm

NICKEL

Ni ppm	F_N	F_S	F_T
0 - 9	64	119	183
10 - 19	88	279	367
20 - 29	14	107	121
30 - 39	7	65	72
40 - 49	5	19	24
50 - 59	5	8	13
60 - 69	4	16	20
70 - 79	-	25	25
80 - 89	-	9	9
90 - 99	1	10	11
100 - 109	1	[illegible]	7
110 - 119	-	4	4
120 - 129	1	2	3
130 - 139	-	3	3
140 +	-	9	9
N =	190	681	871

Range 1 - 379 ppm

For 99 ppm cut-off (N = 845):

$\bar{x}$ = 21·6 (≈22) ppm
s.d. = 19·05 (≈19) ppm
$\bar{x}$ + s.d. = 41 ppm
$\bar{x}$ + 2 s.d. = 60 ppm
$\bar{x}$ + 3 s.d. = 79 ppm
$\bar{x}$ + 4 s.d. = 98 ppm

GEOCHEMICAL REFERENCES (IN PPM, EXCEPT Au(ppb))

Mo > 6 ppm underlined (anomalous)
Au > 6 ppb " "
Co > 35 ppm " "
Ni > 60 ppm " "

MAIN ANOMALOUS TRENDS:

Au (>4 ppb)
Ni (>41 ppm)
Mo (>4 ppm)

SYMBOLS

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,881

GEOLOGICAL ASSOCIATION OF CANADA · FELLOW · H. LAANELA

0 100 200 300 400 500 metres

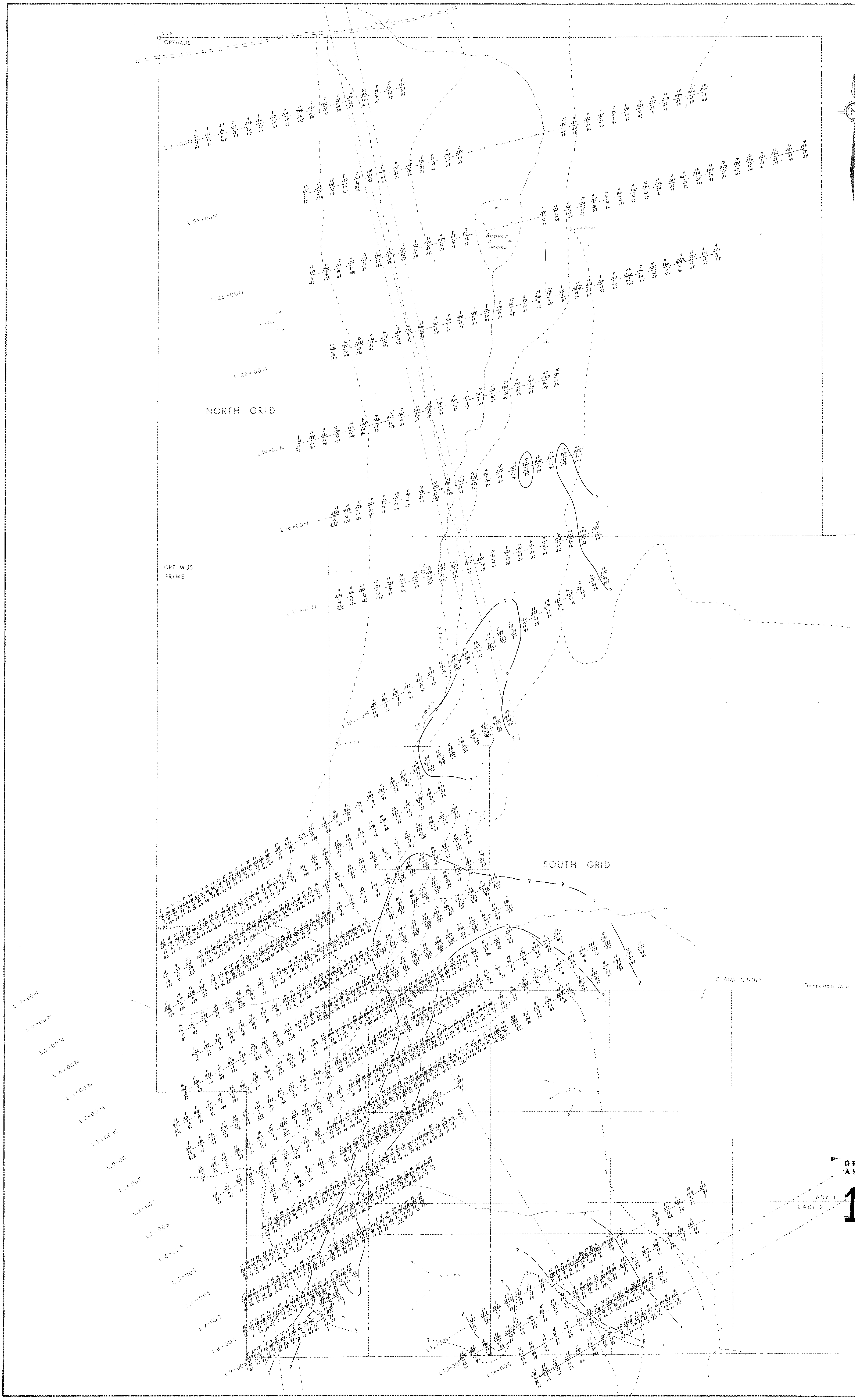
LODE RESOURCES LIMITED

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

SIDEROPHILE ELEMENTS IN SOIL
(Mo, Au, Co, Ni)

Scale:	1:5000	Drawn	A.H. / J.S.
Date	MARCH 1987.	Map:	5

Ashworth Explorations Limited



DISTRIBUTION OF LITHOPHILE ELEMENTS IN SOIL

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

STRONTIUM

Sr ppm	F_T
0 3	-
4 7	26
8 11	194
12 15	142
16 19	147
20 23	88
24 27	55
28 31	50
32 35	27
36 39	13
40 43	16
44 47	3
48 51	5
52 55	2
56 59	2
60+	1
N =	871

Range: 5 - 77 ppm

For all samples (N=871):

$\bar{x}$ = 18 ppm
s.d. = 9 ppm
$\bar{x}$ + s.d. = 27 ppm
$\bar{x}$ + 2 s.d. = 36 ppm
$\bar{x}$ + 3 s.d. = 45 ppm
$\bar{x}$ + 4 s.d. = 54 ppm

MANGANESE

Mn ppm	F_N	F_S	F_T
0 - 199	83	35	118
200 - 399	69	200	269
400 - 599	18	176	194
600 - 799	9	80	89
800 - 999	3	62	65
1000 - 1199	2	38	40
1200 - 1399	1	17	18
1400 - 1599	1	12	13
1600 - 1799	1	9	10
1800 - 1999	-	10	10
2000 - 2199	-	6	6
2200 - 2399	-	4	4
2400 - 2599	2	5	7
2600 - 2799	-	3	3
2800 - 2999	-	6	6
3000+	1	18	19
N =	190	681	871

Range : 46 - 9123 ppm

For 3000 ppm cut-off (N = 852) :

$\bar{x}$ = 590 ppm
s.d. = 500 ppm
$\bar{x}$ + s.d. = 1090 ppm
$\bar{x}$ + 2s.d. = 1600 ppm
$\bar{x}$ + 3 s.d. = 2100 ppm
$\bar{x}$ + 4 s.d. = 2600 ppm

CHROMIUM

Cr ppm	F_N	F_S	F_T
0 - 19			252
20 - 39			320
40 - 59			102
60 - 79			57
80 - 99			32
100 - 119			18
120 - 139			16
140 - 159			15
160 - 179			16
180 - 199			9
200 - 219			5
220 - 239			6
240 - 259			7
260+			17
N =	190	681	871

Range : 3 - 642 ppm

For 200ppm cut-off (N = 836):

$\bar{x}$ = 41·8 ppm
s.d. = 38·3 ppm
$\bar{x}$ + s.d. = 80·1 ppm (use 80)
$\bar{x}$ + 2 s.d. = 118·4 ppm (use 120)
$\bar{x}$ + 3 s.d. = 156·7 ppm (use 160)
$\bar{x}$ + 4 s.d. = 195 ppm

BARIUM

Ba	F_N	F_S	F_T
0 - 19	2	1	3
20 - 39	20	19	39
40 - 59	41	96	137
60 - 79	44	148	192
80 - 99	32	145	177
100 - 119	16	113	129
120 - 139	13	65	78
140 - 159	15	31	46
160 - 179	1	18	19
180 - 199	3	17	20
200 - 219	1	9	10
220 - 239	-	4	4
240 - 259	-	3	3
260 - 279	-	1	1
280 - 299	1	3	4
300+	1	8	9
N =	190	780	871

Range : 14 - 533 ppm

For all samples (N = 871):

$\bar{x}$ = 96 ppm
s.d. = 51 ppm
$\bar{x}$ + s.d. = 147 ppm (use 150)
$\bar{x}$ + 2s.d. = 198 ppm (use 200)
$\bar{x}$ + 3s.d. = 249 ppm (use 250)
$\bar{x}$ + 4s.d. = 300 ppm

GEOCHEMICAL REFERENCES (VALUES IN PPM):

Sr > 36 ppm underlined (anomalous)
Mn >1600 ppm " "
Cr >120 ppm " "
Ba >200 ppm " "

MAIN ANOMALOUS TRENDS:

Cr (>80 ppm, sharply defined)
Mn, Ba, Sr (general trend, mostly poorly defined on scale used)
Mn (well defined, >1090 ppm)

SYMBOLS

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,881

H. LAANELA

0 100 200 300 400 500 metres

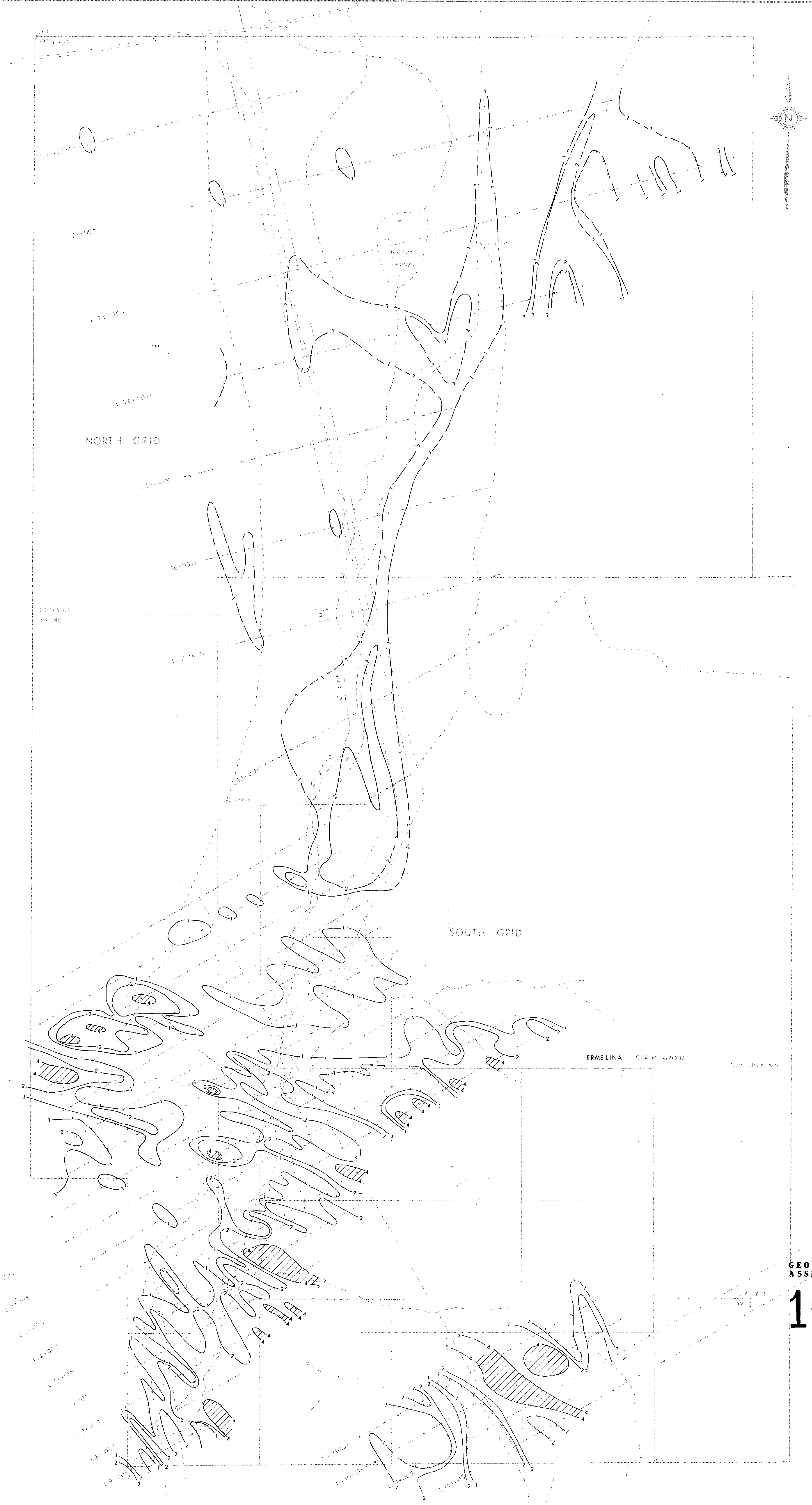
LODE RESOURCES LIMITED

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

LITHOPHILE ELEMENTS IN SOIL (Sr, Mn, Cr, Ba)

Scale	1:5000	Drawn:	A.H / J.S.
Date:	MARCH 1987.	Map	6

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

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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H. LAANELA
GEOLOGICAL ASSOCIATION OF CANADA
FELLOW

0 100 200 300 400 500 metres

LODE RESOURCES LIMITED

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

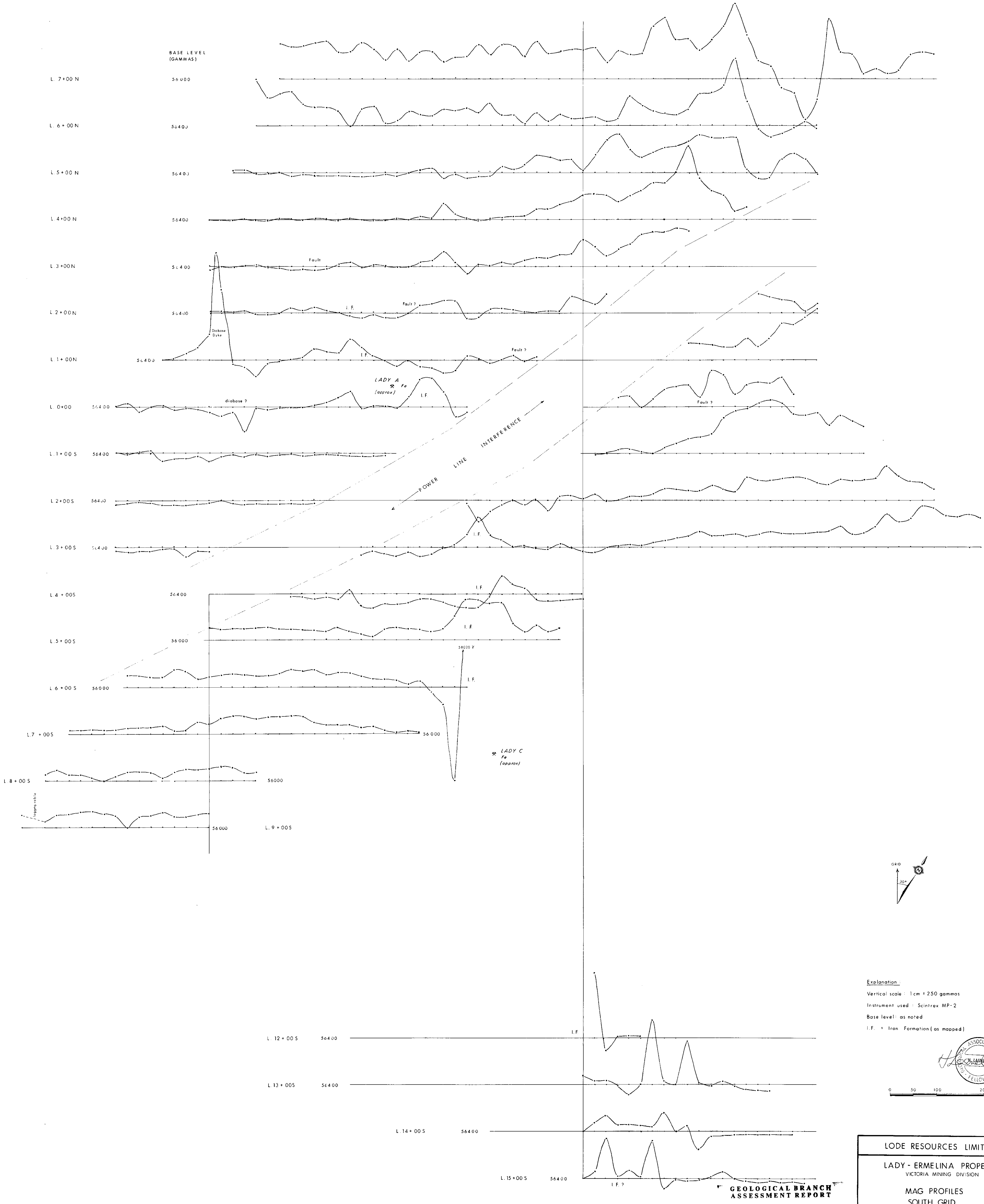
GEOCHEMICAL SOIL SURVEY

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

Scale :	1 : 5000	Drawn	H.L. / J.S.
Date	MARCH 1987	Map	7

Ashworth Explorations Limited


OPTIMUS
L 31+00N
L 28+00N
Beaver Swamp
L 25+00N
L 22+00N
NORTH GRID
L 19+00N
L 16+00N
OPTIMUS
PRIME
L 13+00N
L 10+00N
SOUTH GRID
ERMELINA CLAIM GROUP
Coronation Mtn
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00
L 1+00S
L 2+00S
L 3+00S
L 4+00S
L 5+00S
L 6+00S
L 7+00S
L 8+00S
L 9+00S
L 13+00S
L 14+00S
L 15+00S
LADY 1
LADY 2
GEOCHEMICAL REFERENCE
Contoured anomaly ratings of combined lithophile elements (Mn+Sr+Ba) and sideophile elements (Au+Mo+Co) in soil:
Probably anomalous
Probably anomalous
Definitely anomalous
SYMBOLS
Grid with soil sample locations
Claim boundary (approximate)
Legal corner post (located in the field)
Road
Creek
Swamp
Power line
Bridge
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,881
GEOLOGICAL ASSOCIATION OF CANADA
H. LAANELA
FELLOW
0
100
200
300
400
500 metres
LODE RESOURCES LIMITED
LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION
GEOCHEMICAL SOIL SURVEY
COMBINED LITHOPHILE AND SIDEROPHILE
ELEMENT ANOMALIES
(Au + Mo + Co + Mn + Sr + Ba)
Scale: 1 : 5000
Drawn: H. L.
Date: MARCH 1987
Map 8
Ashworth Explorations Limited



Explanation :

Vertical scale : 1cm = 250 gammas

Instrument used : Scintrex MP-2

Base level : as noted

I.F. = Iron Formation (as mapped)

GEOLOGICAL ASSOCIATION OF CANADA · FELLOW · H. LAANELA

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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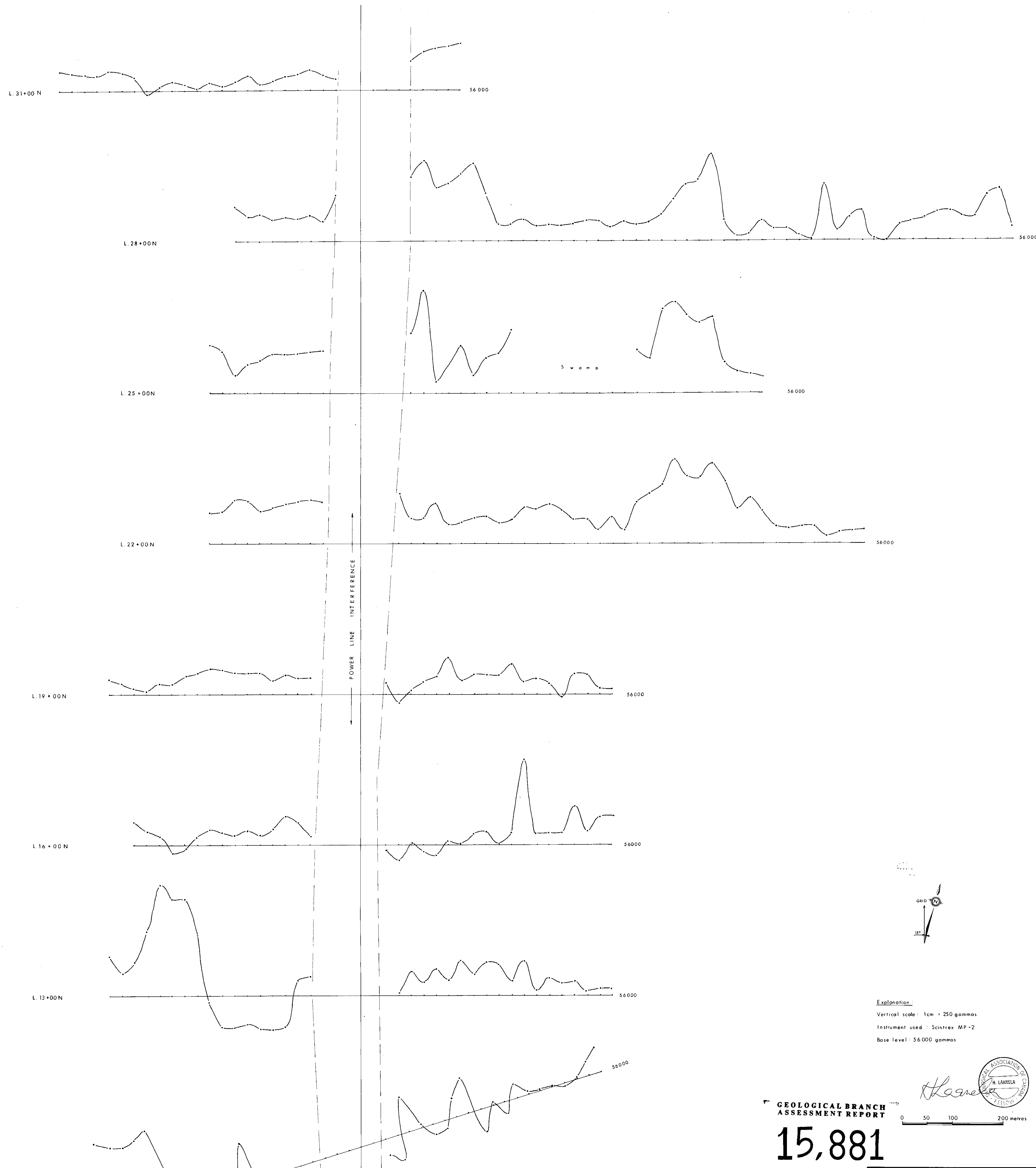
LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION

MAG PROFILES
SOUTH GRID

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

Ashworth Explorations Limited



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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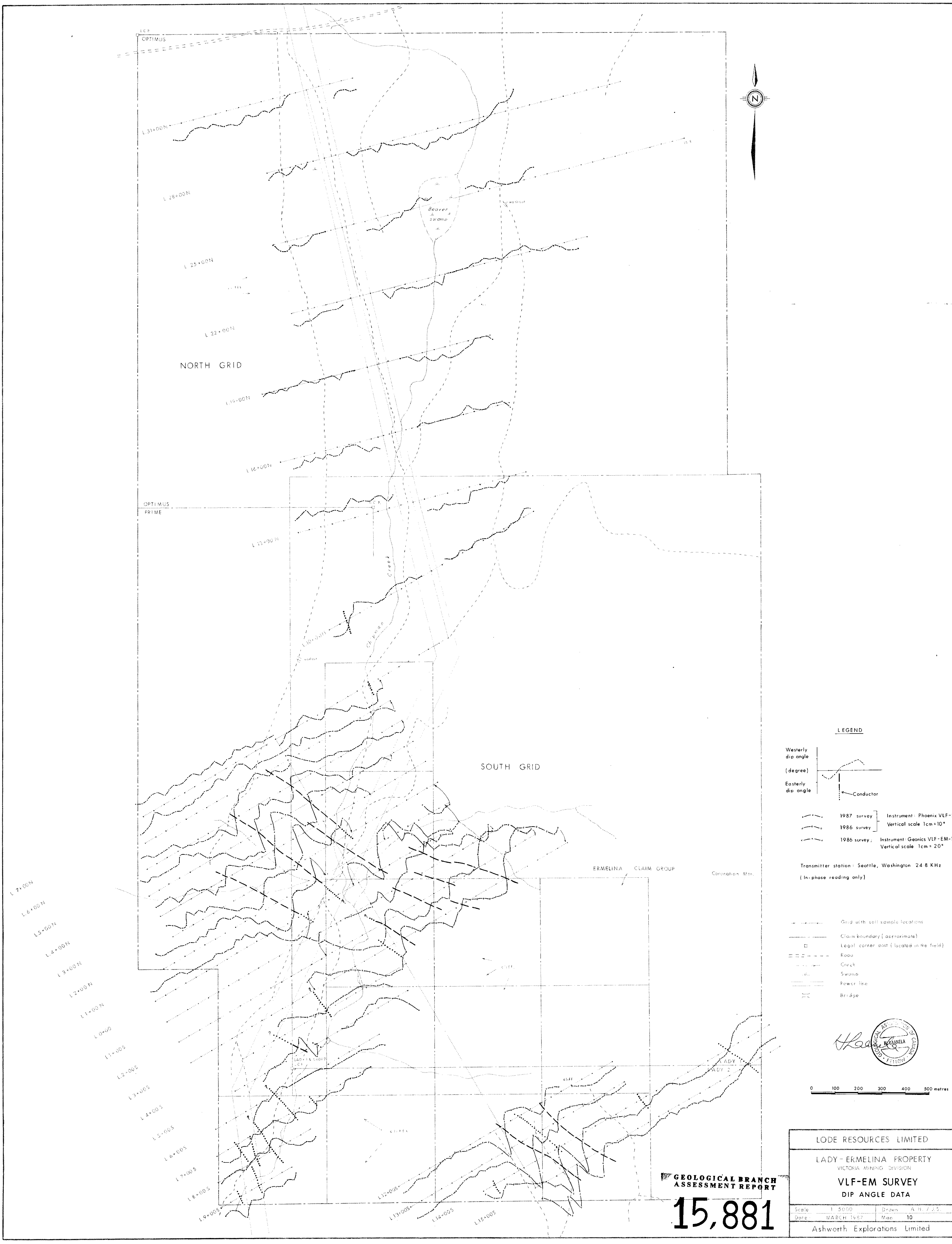
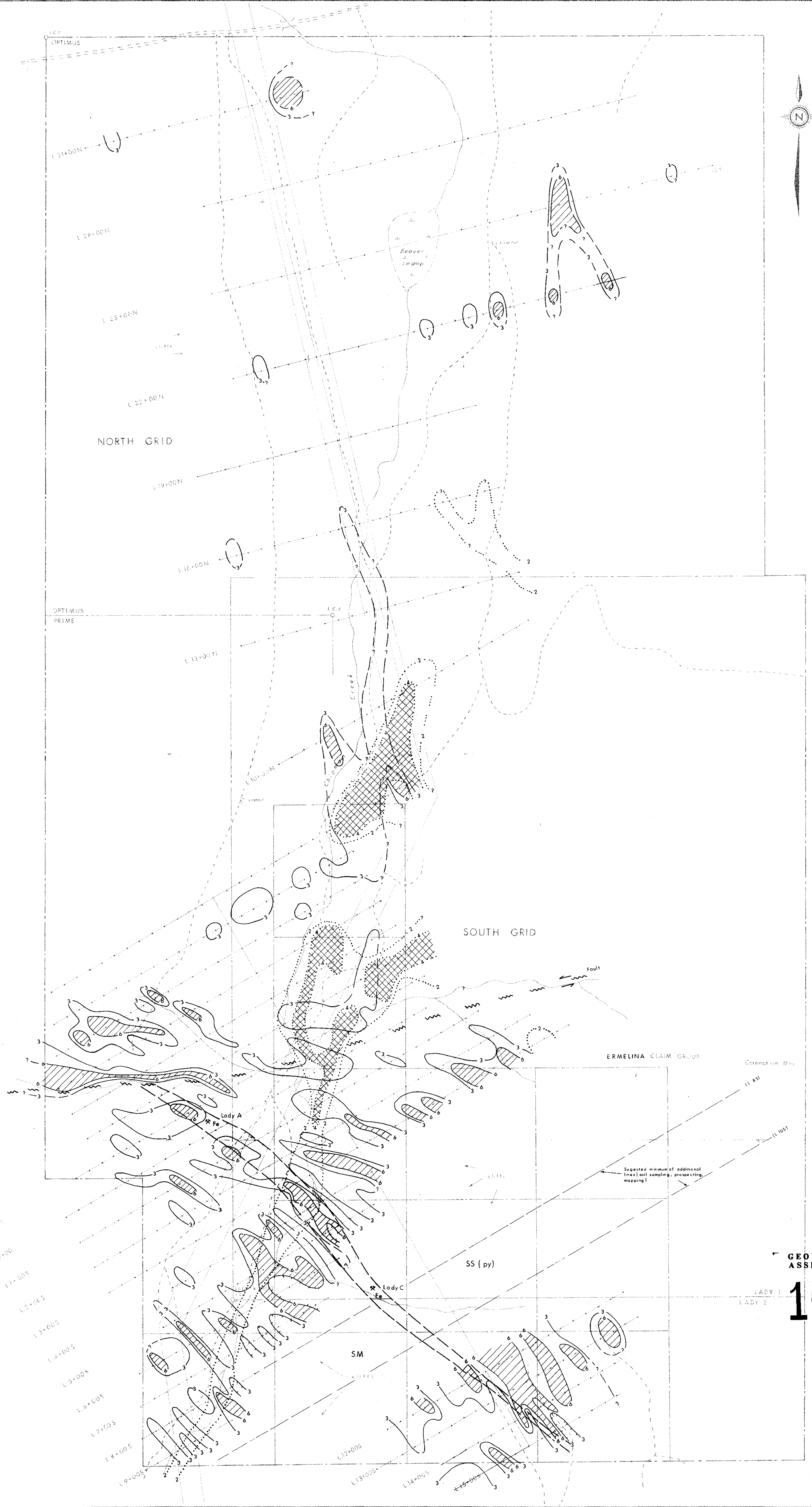
LODE RESOURCES LIMITED	
LADY - ERMELINA PROPERTY VICTORIA MINING DIVISION	
MAG PROFILES NORTH GRID	
Scale 1:2500	Drawn J.F. / J.S.
Date : MARCH 1987	Map : 11 B
Ashworth Explorations Limited	


OPTIMUS
OPTIMUS
PRIME
L 31+00N
L 28+00N
L 25+00N
L 22+00N
L 19+00N
L 16+00N
L 13+00N
L 10+00N
Beaver Swamp
NORTH GRID
Creek
SOUTH GRID
ERMELINA CLAIM GROUP
Coronation Mtn.
L 7+00N
L 6+00N
L 5+00N
L 4+00N
L 3+00N
L 2+00N
L 1+00N
L 0+00
L 1+00S
L 2+00S
L 3+00S
L 4+00S
L 5+00S
L 6+00S
L 7+00S
L 8+00S
L 9+00S
L 12+00S
L 13+00S
L 14+00S
L 15+00S
LADY 1
LADY 2
cliff
N
LEGEND
Westerly dip angle
(degree)
Easterly dip angle
Conductor
1987 survey
1986 survey
Instrument: Phoenix VLF-2
Vertical scale 1cm = 10°
1986 survey; Instrument: Geonics VLF-EM-16
Vertical scale 1cm = 20°
Transmitter station: Seattle, Washington 24.8 KHz
(In-phase reading only)
Grid with soil sample locations
Claim boundary (approximate)
Legal corner post (located in the field)
Road
Creek
Swamp
Power line
Bridge
H. LAANELA
GEOLOGICAL ASSOCIATION OF CANADA
FELLOW
0
100
200
300
400
500 metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT
15,881
LODE RESOURCES LIMITED
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



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

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

GEOLOGICAL BRANCH
ASSESSMENT REPORT

15,881

GEOLOGICAL ASSOCIATION OF CANADA
H. LAANELA
FELLOW

0 100 200 300 400 500 metres

LODE RESOURCES LIMITED

LADY - ERMELINA PROPERTY
VICTORIA MINING DIVISION
GEOCHEMICAL SOIL SURVEY
COMBINED ANOMALY RATINGS
(of 16 elements)

Scale	1 : 5000	Drawn	H.L. / J.S.
Date	MARCH 1987	Map	9

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