671187

LOCATION: Adjacent to the Sandspit Airport, Queen Charlotte Islands, BC.

ACCESS: The Sandspit-Copper Bay "Highway" runs through the property along its eastern margin.

CLAIMS: Snow 1-5 recorded February 26 1979 for a total of 92 units.

METALS: Au, Ag, Cu, Pb, Mo, native gold; argentiferous galena chalcopyrite and minor molybdenum have been observed on the property.

TYPE OF DEPOSIT: Quartz veins carrying scattered sulphides have been the primary targets as indicated in the attached figure and appendices. The discovery of barite by Mr Mickle lead Falconbridge and later workers tobelieve that an exhalative massive sulphide (Kuroko style) deposit could lie within the bedded andesite to dacite tuffs and flows. Later tectonic events mobilized materials along major structural breaks.

ASSAY: Trenching in one specific locality as indicated on the attached map gave values on the property of:

.132 oz/t Au over 1.0m
.104 oz/t Au over 1.0m
.254 oz/t Au over 0.5m
.262 oz/t Au over 0.5m

Other lower values were observed in the rock exposed. Most of the trench was covered by overburden in excess of 12 ft.

Nearby properties have yielded:

Nearby.

Southeaster 41 oz Au, 27 oz Ag, 259 lbs Cu, 665 lbs Pb in 505 tons of 2-20ft wide quartz vein cutting hornfelsed andesite agglomerates which struck NW dipping steep SW.

Cumshewa(Homestake)"Galena, sphalerite, pyrite with good gold values and some silver" following steep fault zones with stringer systems carrying sulphide minerals. Faulting cuts hornfelsed argilite, grey wacke and agglomerates.

PROPOSED TRENCHING PROGRAM
( drill site preparation)

AREA 1

11 trenches approx. 30 m. sampled at 1 m. intervals for a total of 330 samples

AREA 2

6 trenches approx. 30 m. sampled at 1 m. intervals for a total of 180 samples.

AREA 3

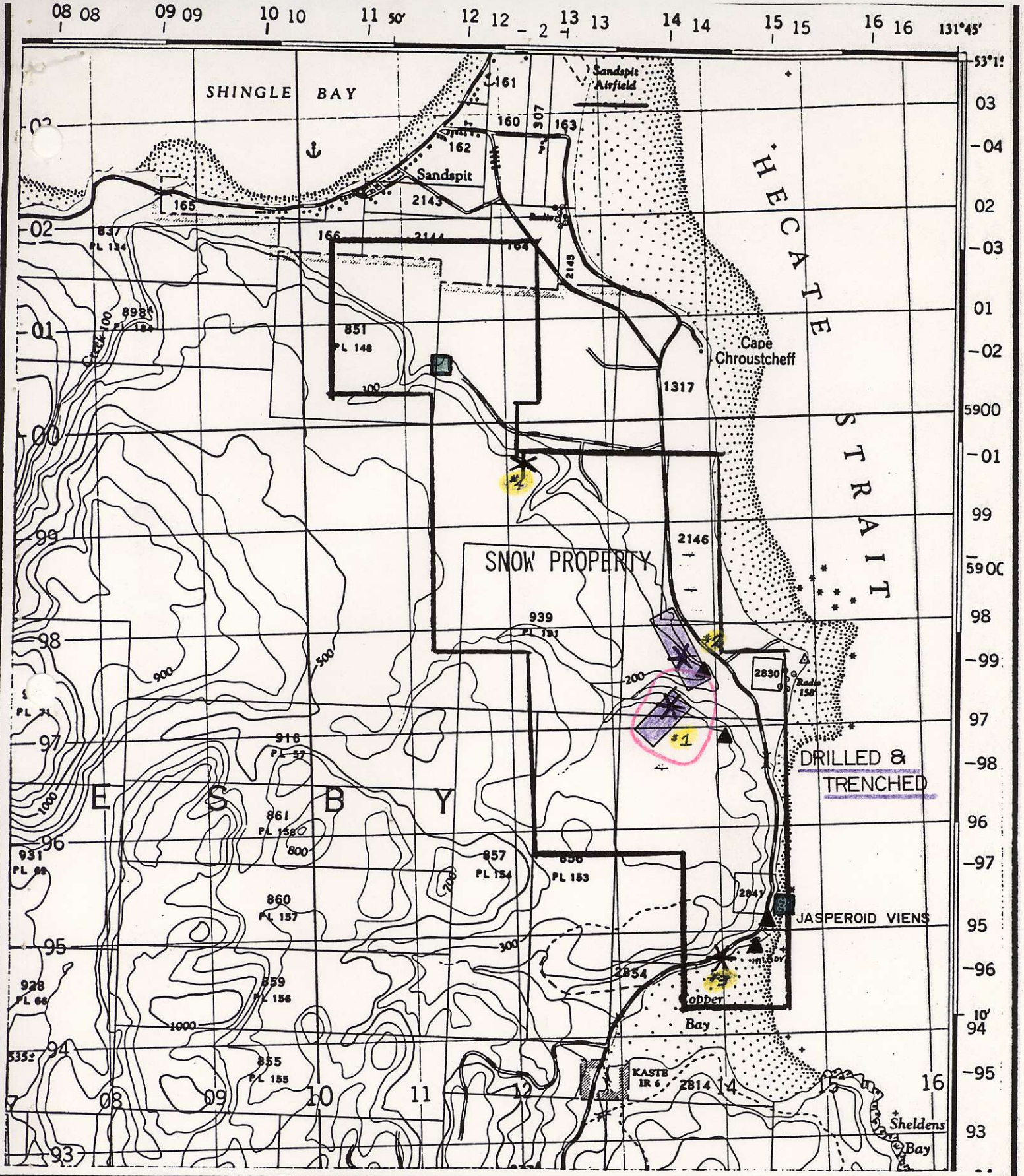
1 trench approx. 150 meters in length sampled at 3 m. intervals for a total of 50 samples.

AREA 4

Trenching of Majorem soil anomaly in swampy area as time and money permits.

PROPOSED BUDGET

| | |
|---|---|
| Option Payment | 10,000 |
| 20 days of back hoe at approx 1000/day | 20,000 |
| 560 samples assayed for Au at 10.50/sample | 5,880 |
| 60 man days (geologist mapping,sampling and directing trenching; travel time) | |
| at 150/ man day | 9,000 |
| Living Expenses 60 man days x 70/man day | 4,200 |
| Transportation 30 days at 60/day | 1,800 |
| Field Equiptment | 1,000 |
| Report | 1,200 |
| Contingency approx 20% | 10,000 |
| Total estimated cost | $63,130 |




# LORNEX MINING CORPORATION LTD.

SNOW PROJECT

~~SNOW PROJECT~~

**Figure I - LOCATION MAP**

✱ SUGARY VUGGY SILICA, KAOLIN, PY, ASPY.

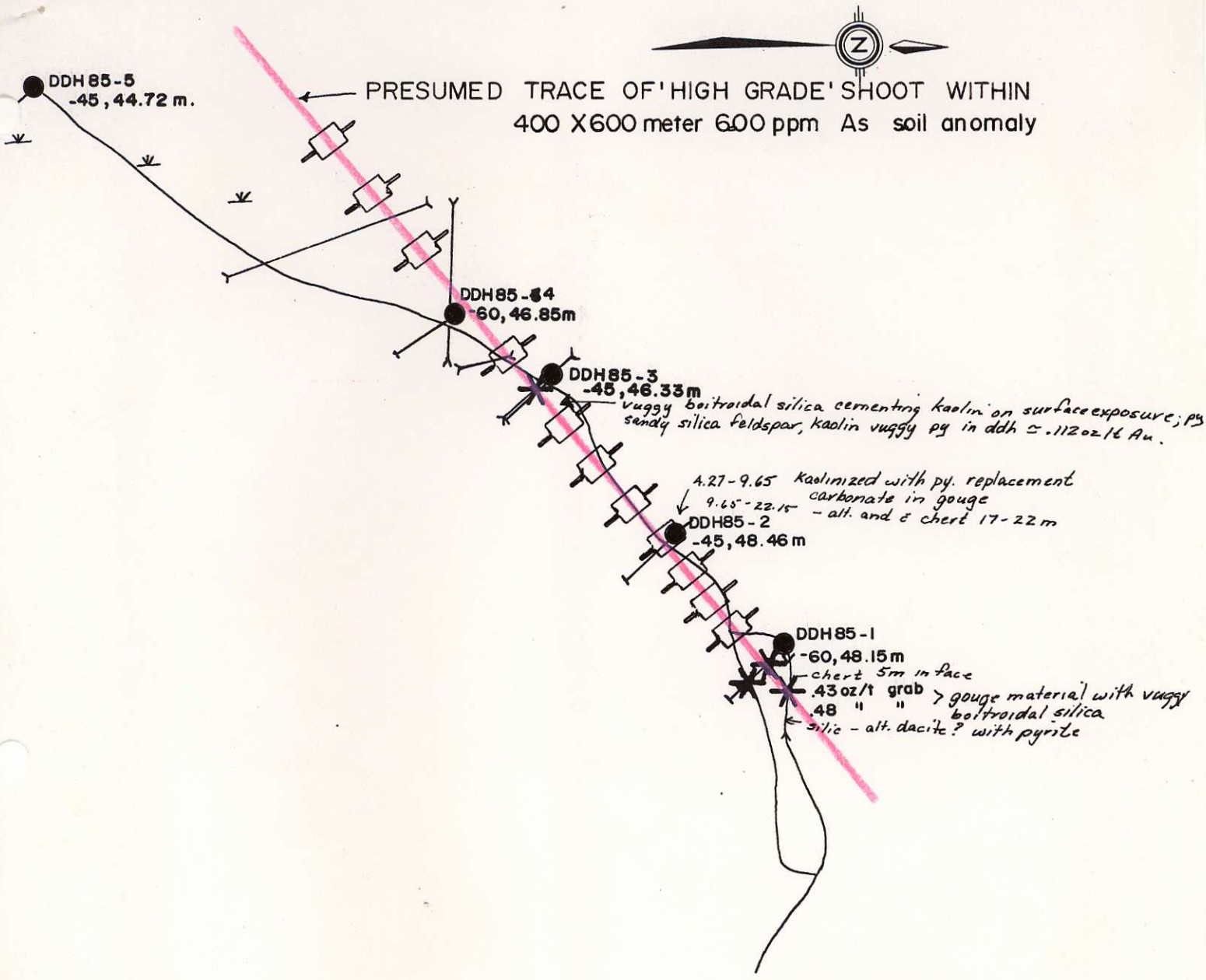
▲ ALTERED KAOLIN, YELLOW STAINED

PB, CU, ZN, BARITE PODS & VIENS

103G/4W

**NTS:** ~~104G/4W~~

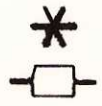
**Scale:** 1:50,000

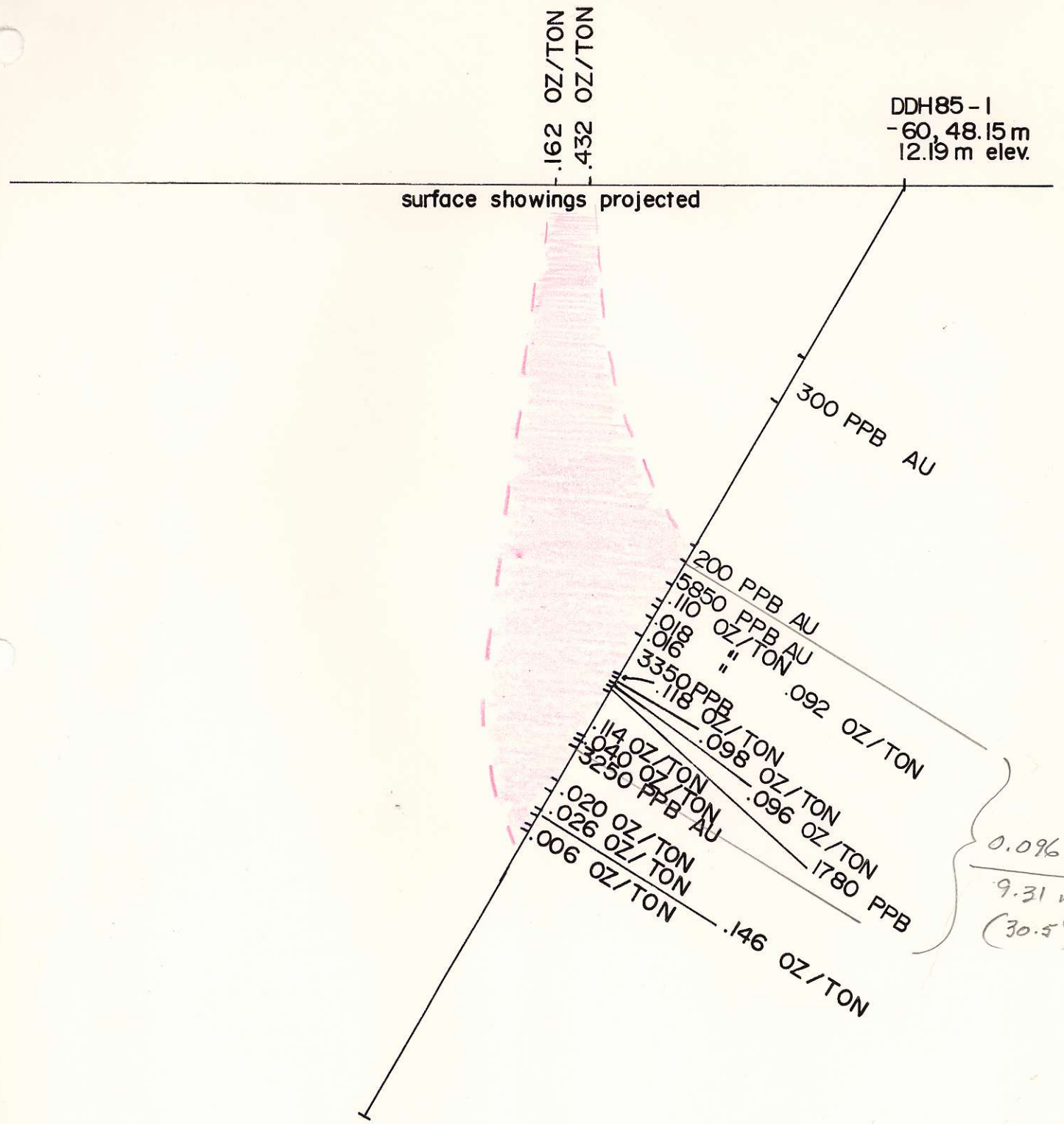



SNOW PROJECT 103G/4W

SCALE: 1:2500 JUNE/86

EXPLORATION PROPOSAL






# SNOW PROJECT
## CROSS SECTION A-B
### SIGNIFICANT AU INTERSECTIONS

SCALE: 1:250 JUNE 1986

M. Gerack

# DIAMOND DRILL REPORT

SNOW 1-4, MAR 1 CLAIMS

SKEENA MINING DIVISION

NTS: 103G/4W

Latitude 53° 13'N, Longitude: 131° 48'W

Owner & Operator:

LORNEX MINING CORPORATION LTD

Box 10335 Pacific Centre
1650, 609 Granville Street
Vancouver B C
V7Y 1G5

M L Serack
November 29 1985

# LIST OF CONTENTS

## LIST OF ILLUSTRATIONS

Figure No:

## INTRODUCTION

Between June 13 and July 20 1985, Lornex Mining Corporation Ltd conducted a 379.9m diamond drill programme on the Snow claim group. In conjunction with drilling, detailed rock sampling was conducted in the vicinity of the diamond drilling area and along the eastern coastline of the property. Also, a detailed soil geochem grid was established over a known soil anomaly defined by previous workers. All soil and core samples were analysed for gold by conventional methods and by 30 element ICP methods.

After logging and splitting, the drill core was transported to the home of Mr C White in Sandspit where it was stored.

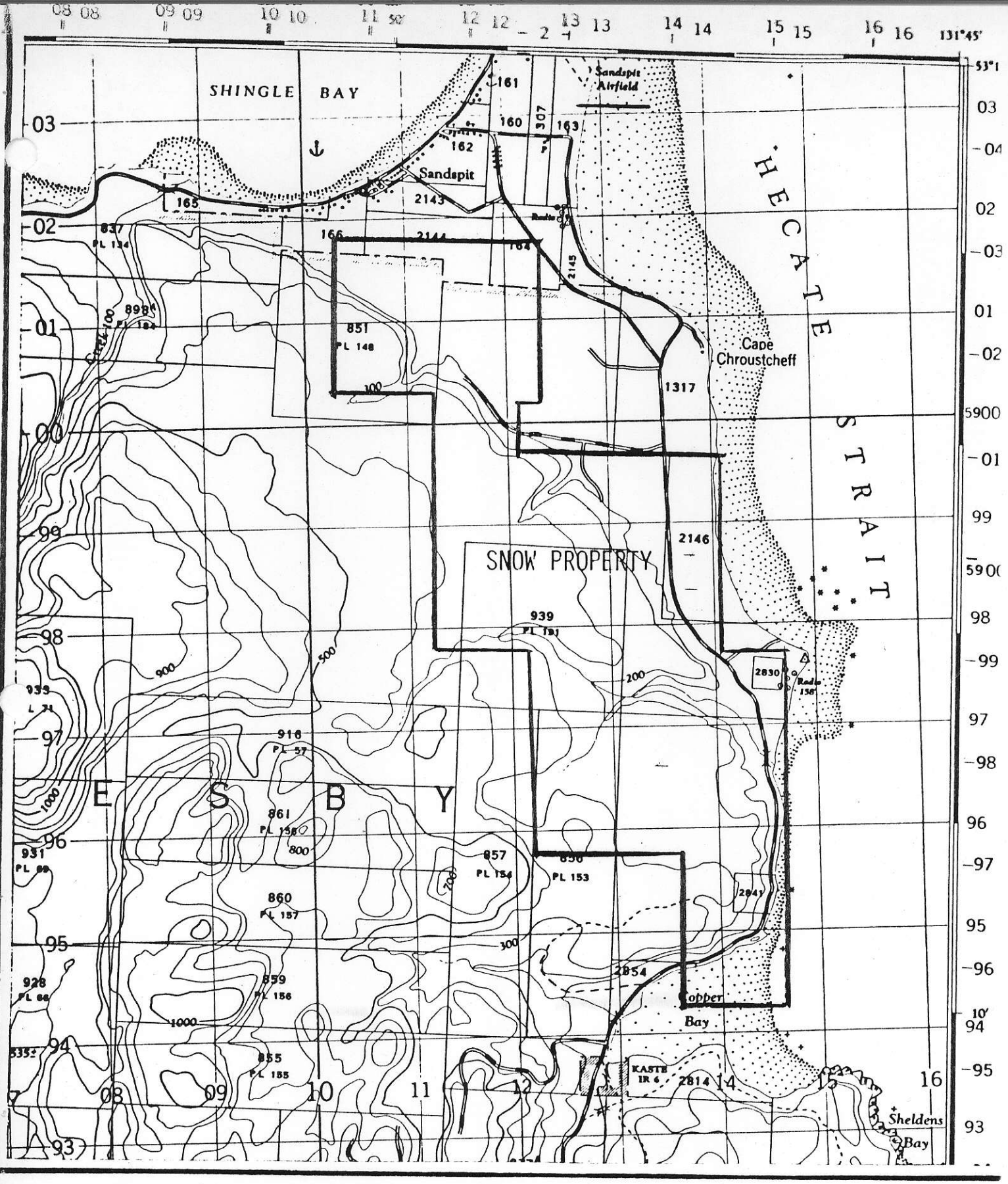
## LOCATION AND ACCESS

The Snow claims are located on the northeast tip of Moresby Island, Queen Charlotte Islands at latitude $53^{o}$ 13'N and longitude $131^{o}$ 48'W. Elevations on the property are between sea level and + 300 metres. The property is extensively overgrown by tag alder and salal brush making it nearly impossible to find outcrop. Minor immature cedar occurs in small patches.

Access to the property is gained via good two wheel drive road, from Sandspit approximately 2 kilometres north of the property. This road traverses the eastern margin of the property to Copper Bay. Two short trails give restricted access to the northern and middle claim blocks.

## CLAIM STATUS

| Claim | Record No: | Units | Record Date | Expiry Date |
|---|---|---|---|---|
| Snow 1 | 1100(2) | 16 | Feb 26 1979 | Feb 26 1986 |
| Snow 2 | 1101(2) | 20 | Feb 26 1979 | Feb 26 1986 |
| Snow 3 | 1102(2) | 12 | Feb 26 1979 | Feb 26 1986 |
| Snow 4 | 1103(2) | 10 | Feb 26 1979 | Feb 26 1986 |
| Mar 1 | 4794(3) | 6 | Mar 25 1985 | Mar 25 1986 |



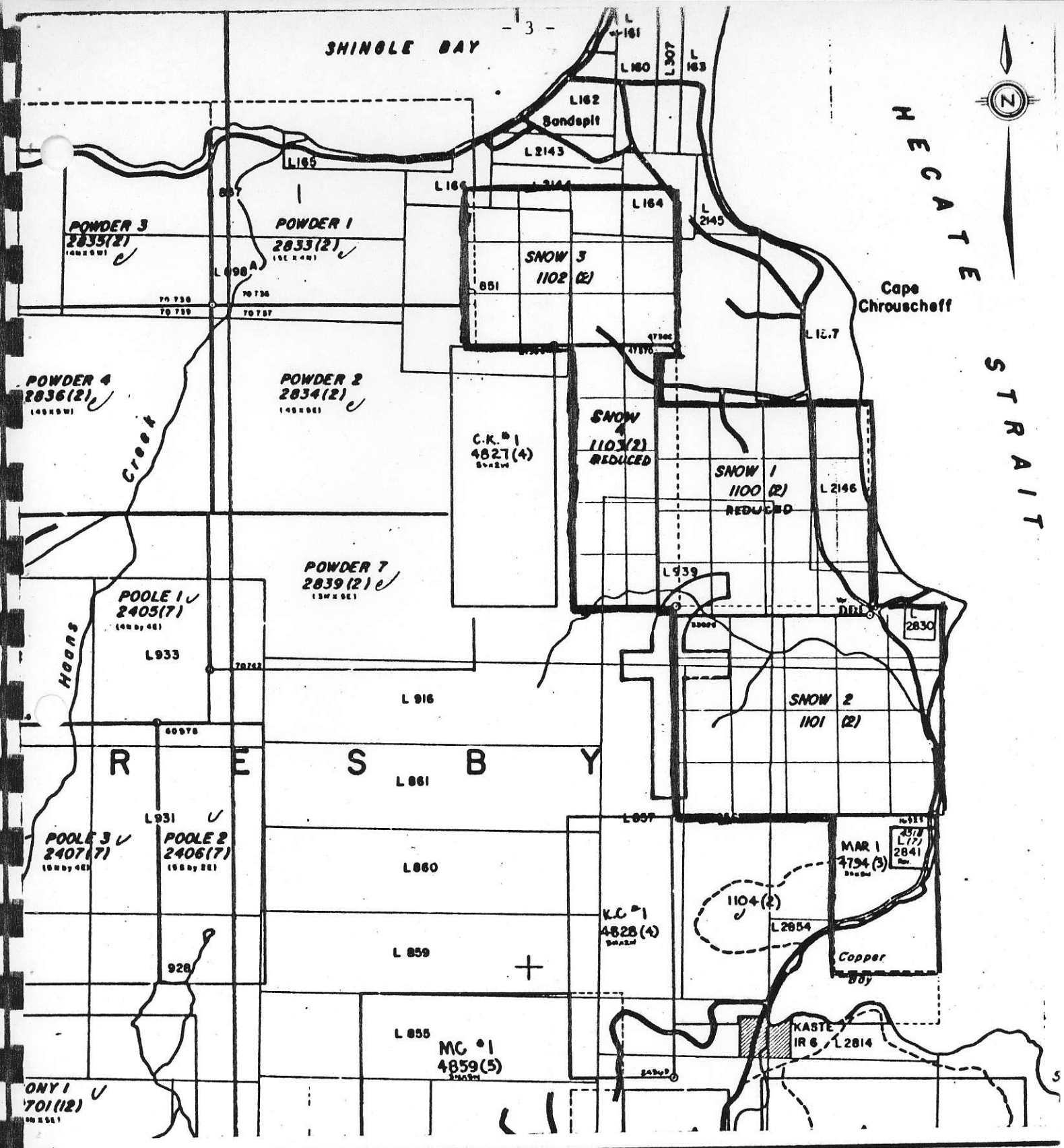

# LORNEX MINING CORPORATION LTD.

SNOW PROJECT

**Figure 1 - LOCATION MAP**

**NTS:** 104G/4W

**Scale:** 1:50,000




# LORNEX MINING CORPORATION LTD.

SNOW PROJECT

**NTS:** 104G/4W

**Figure** 85-2 CLAIM MAP

**Scale:** 1: 50,000

## EXPLORATION HISTORY

The property was first explored by Falconbridge Nickel Mines in the early 1970's as a potential Cu, Mo porphyry target. Later the property was explored for gold. Three small geochem grids were run for Cu, Zn, Pb, Ag, Cd, Co, Hg and Ag. Subseqeunt to this, limited trenching and three short packsack holes were completed. Majorem Minerals Limited optioned the property after the Falconbridge agreement had expired. They completed detailed goechemistry, geological mapping and trenching followed by airborne magnetometer and VLF surveys.

## GEOLOGY

Honna Conglomerate cuts the southwestern portion of the claim group. Yakoun Formation lapilli tuffs and agglomerates occur east of the Honna Formation and west of the Sandspit Fault. Diorite and quartz diorite intrusives cut these units and appear to be elongate sub-parallel to the Sandspit Fault. Due to intrusion and faulting, much of the "andesitic" lapilli tuff units have been hornfelsed, bleached and altered, making correlation extremely difficult. Effects of intense hydrothermal alteration result in bleaching and up to 20% sulphide mineralization.

Pyrite and pyrrhotite are common but only one occurrence of chalco-pyrite-arsenopyrite-sphalerite-galena-barite is known. Grab samples with visible arsenopyrite have yielded up to 0.43 oz/t Au while drill hole data has indicated significant widths of 0.10 oz/ton Au. Arsenic values are extremely anomalous.

Botryoidal silicification occurs along many fracture surfaces in all andesitic units sampled and it may or may not be associated with sulphide

mineralization. The most common alteration observed is reduction of feldspars to a clay-sericite assemblage, usually associated with finely disseminated yellow cubic pyrite. Altered units tend to lack cohesiveness.

Much of the core and outcrop mapped in the field shows some degree of epidote-pyrite alteration. This appears to grade into clay-sericite alteration as a second stage and finally into a massively altered sinter deposit as exposed on the beach at Copper Bay where silicification has occurred leaving an assemblage of clay products - quartz (chert, chalcedony) - massive pyrites. Hole 85-7 appears to have cut rocks similar to the beach showings. In addition, close examination of clast alteration indicates a significant period of leaching and replacement has occurred.

Most of the core shows signs of hydrofracturing and subsequent healing by silica and carbonates. Intense brecciation and netted vein systems are also seen along the coast although in most cases the coastal fracturing is predominantly healed by carbonates, except for a narrow 15 metre zone which is healed with jasper and pyrite located on the beach at tide water. Random occurrences of jasper were also observed in the core.

The general alteration sequence for mafic minerals was hornblende/amphibole altering to chlorite and/or brown biotite.

Alteration occurs in both intrusive and andesitic units and is probably related to structural features such as fracturing and faulting.

Many sub-parallel subsidiary faults exist between Sandspit and Copper Bay as indicated both by mapping done during the course of

this survey and by government geophysical surveys. These appear to strike N 37°W and are vertical to - 65° W in dip. Large horizontal and vertical displacement is indicated. Work by Majorem indicates large airborne magnetic highs and VLF anomalies have similar orientation and may mark some of these structural breaks as well as the presence of intrusive units.

## DISCUSSION

On the 'H' grid, 149 soil samples were taken and analysed for Au (geochemically) and 30 elements by ICP analysis. Data for analytical values are plotted in figure 10-15. Generally, results were poor and below what is normally considered interesting. Single point "highs" do occur and can be loosely interpreted as narrow zones of discontinuous "mineralization". No significant enhancement of Majorem's survey came out of this work and the arsenic anomaly defined in their survey was not duplicated. This could be due to the fact that all their samples were taken with an auger while Lornex collected samples by conventional methods.

Detailed rock sampling (figures 7-9) in the vicinity of diamond drilling also failed to show any significant mineralization. Most rock sampled was altered andesite which displayed enrichment in Al, Mg, and Ti over what would normally be expected for these rock types. Some enrichment in Ba and Sr was noted in rock exposed at DDH 85-6.

Coastal mapping (figures 4-6) failed to clarify the complexity exhibited in the core. Samples AG15 and 22 showed elevated values in Ag, Zn, Cd and As but were not, in themselves, outstanding and the silica sinter occurrences were not enriched in precious metal values.

Generally, mapping did not help to sort out the complexities observed in drill core. Figure 16 is a cross section through hole 85-3 where mineralization was known on surface from work by Majorem Minerals. It shows that not enough information is present to geologically correlate surface and drill data.

Detailed core logs are included in Appendix I and ICP results for intervals sampled in Appendix II. Appendix III contains analytical certificates for all rock, core and soil samples.

## CONCLUSIONS

A large arsenic soil anomaly was tested by five diamond drill holes - two of which intersected low grade Au-Ag mineralization under known surface showings. From the data obtained it was impossible to determine the source of mineralization and more surface trenching and diamond drilling is required to make a fair assessment of this property.

Drill holes 6-8 were "wildcat" holes to determine if the silicification observed on the cliff faces carried any significant precious metal values. These holes failed to return appreciable values for the elements analysed but did show signs of significant hydrothermal alteration.

Future work should be concentrated first in the area of the main arsenic anomaly before expanding into other altered areas.

## STATEMENT OF COSTS - SNOW PROJECT 1985

| LABOUR: | Days | Rate/day | Cost | |
|---|---|---|---|---|
| M L Serack | 47 | $130 | $6,110 | |
| A Grigoruk | 17 | 65 | 1,105 | |
| D Turner | 20 | 65 | 1,300 | |
| W Hunter | 17 | 65 | 1,105 | |
| | | | | $ 9,620 |

ROOM, BOARD & CAMP COSTS:

4 men x 33 days = 132 man-days @ $66.80/day
(includes motel accommodation, meals, etc on route) 8,818

GROUND TRANSPORT:

Truck rental & operating expenses June 10-July 21 =
42 days @ $51.05/day 2,144

| | |
|---|---|
| FIELD EQUIPMENT: (Tents, tools, supplies, etc) | 749 |
| SHIPPING: Freight to Vancouver - samples | 184 |
| ASSAYS: Chemex - Au geochem + 30 ICP, Au-Ag fire assays & rock ICP | 5,043 |
| HELICOPTER: Longbeach invoices + fuel | 15,717 |
| DIAMOND DRILLING: D W Coates invoices | 53,901 |
| CONTRACTORS: D Kendall & Son, drillsite preparation | 6,500 |
| Printing, Report preparation: | 3,000 |
| TOTAL | $105,676 |

ALLOCATION:

Diamond Drilling = 80% of $105,676 = $84,540

Geochemical Survey = 20% of $105,676 = $21,136

# CERTIFICATION

I, David R Budinski, of the City of North Vancouver in the Province of British Columbia hereby certify as follows:

1) That I am a registered Professional Geologist in the Province of Alberta and a Fellow of the Geological Association of Canada.

2) That I am presently employed by Lornex Mining Corporation Ltd of Vancouver, British Columbia as Manager of Exploration.

3) That I have practiced my profession for the past 30 years since graduation from the University of Alberta in 1955 with a B Sc degree in Geology.

4) That I directed the exploration programme on the Snow property conducted by Ms M L Serack in 1985.

Dated at Vancouver, British Columbia this 29th day of November 1985.

D. Budinski

D R Budinski

# APPENDIX I

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-1
NTS: 103G/4W | DEPARTURE: | DIP: -60° | STARTED: July 8 1985 DS
LOGGED BY: M L SERACK | ELEVATION: 12.19m | DEPTH: 48.15m | COMPLETED: July 9 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | 0-5.68 | OVERBURDEN<br>VOLCANIC SEDIMENTS/TUFFS<br>- fine grained, dense black.<br>- high argillaceous content gives brown black banding,<br>- coarser bands of light green altered volcanics up to 4 cm wide.<br>- volcanic clasts increase in volume from 5.68m to coarse black andesite. | - badly fractured and appears cherty or silicified in places.<br>- fracture density 1 per 3cm. | | 54524E<br>0.00-5.35 | | | < 5 | 0.2 |
| | 5.68-18.6 | LAPILLI TUFF<br>- lapilli clasts 1 cm diameter similar in composition to matrix, some are quartz clasts (rounded), all clasts are rounded.<br>- matrix green-black up to 18.6m where altered in bleached bands by apparent hydrothermal alteration.<br>- clasts more altered than matrix.<br>- banding 1 cm thick slightly greenish to brown colour.<br>- fragmental texture increasing. | - fracturing at a high angle to Caxis.<br>- minor quartz carbonate coats hairline fractures and forms veins up to 1mm at 70° _ Caxis.<br>- occasional blebs of epidote replacing clasts; some blebs of fine grained cubic pale yellow pyrite as replacements of both clasts and mafics. Fine cubes form dendritic forms on fracture surfaces.<br>- abundant hematite (jasperoid) epidote in altered zone bleached to pale green colour due to chlorite at 12.6m;<br>- badly broken at 13.72m for 20cm.<br>- banded quartz carbonate veinlets at 70° _ Caxis at 16.2m, 1cm wide has greenish chloritic margins with while quartz | | 54525E<br>5.35-8.96<br>54526E<br>8.96-11.29 | | | < 5<br>300 | 0.2<br>0.6 |

# TVOW QC I5

DOH 85-1

| | | | |
|---|---|---|---|
| 19.75 - 20.72 | = 0.97 | × 0.17 (5.8x.03) | .160 |
| 20.72 - 21.64 | .92 | × 0.11 | .101 |
| 21.64 - 21.95 | .31 | × .092 | .028 |
| 21.95 - 22.19 | .24 | × .018 | .004 |
| 22.19 - 23.33 | 1.14 | × .016 | .018 |
| 23.33 - 25.17 | 1.84 | × .10 | .184 |
| 25.17 - 25.39 | .22 | × .118 | .026 |
| 25.39 - 25.57 | .18 | × .098 | .017 |
| 25.57 - 25.87 | .30 | × .096 | .028 |
| 25.87 - 26.19 | .32 | × .053 | .017 |
| 26.19 - 28.46 | 2.27 | × .114 | .258 |
| 28.46 - 28.65 | .19 | × .040 | .007 |
| 28.65 - 29.06 | .41 | × .097 | .040 |
| | ~~8.23~~ 9.21 | | .888 ~~.074~~ |

29.06
19.75
9.31 m = 30.54'

$\frac{.888}{9.21} = .096 / 9.31\ m$

30.54'

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-1
NTS: 103G/4W | DEPARTURE: | DIP: -60° | STARTED: July 8 1985 DS
LOGGED BY: M L SERACK | ELEVATION: 12.19m | DEPTH: 48.15m | COMPLETED: July 9 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | 12.9m altered bleached band for 15cm, contains pyrite banding; clasts selectively replaced by epidote take on bright greenish colour in contrast to black matrix. Rusty brown bands in fine grained facies and associated with larger pyrite cubes | - 14.73-15.55m random crackle breccia with pink carbonates (as seen on beach). | | 54527E 11.29-12.90 | | | < 5 | 0.2 |
| | | | | | 54528E 12.9-13.58 | | | < 5 | 0.2 |
| | | | | | 54529E | | | < 5 | 0.2 |
| | | | - highly fractured to clay rich gouge; contains massive silica texture with up to 40% pyrite as fine striated cubes 1mm. - muddy grey appearance due to sulphide content, semi-cohesive. | | 54530E 17.00-18.64 | | | 20 | 0.2 |
| | 18.6-32.52 | ANDESITE LAPILLI | - pyrite - pale yellow cubic 1mm form as aggregates or single cubes; some dendritic pyrite on fracture surfaces. | | 54531E 18-64-19.75 | | | 200 | 0.4 |
| | | - competant silicious bands 25.95-26.2m, 26.4-26.8m, 27.0-28.5m with 3 different types of silica banding coating vugs and replacing clasts; initial banding dirty grey cherty silica grading to pure white silica then to spary euhedral quartz with cocks comb texture riming open vugs. Vugs appear to be inter-connected. | | | 54532E 19.75-20.72 | | | 5850 | 4.6 |
| | | | | | 54533E 20.72-21.64 | 0.110 | 0.11 | | |
| | | | | | 54534E 21.64-21.95 | 0.092 | 0.13 | | |
| | | | - pyrite associated with silica py is less than 1mm diam cubic. | up to 5% py. | 54535E 21.95-22.19 | 0.018 | 0.08 | | |
| | | | | | 54536E 22.19-23.33 | 0.016 | 0.15 | | |
| | | | | | 54537E 23.33-25.17 | | | 3350 | 5.0 |
| | | | | | 54540E 25.17-25.39 | 0.118 | 0.20 | | |
| | | | | | 54541E 25.39-25.57 | 0.098 | 0.18 | | |
| | | | | | 54542E | 0.096 | 0.17 | | |

25.57 25.89

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-1
NTS: 103G/4W | DEPARTURE: | DIP: -60° | STARTED: July 8 1985 DS
LOGGED BY: M L SERACK | ELEVATION: 12.19m | DEPTH: 48.15m | COMPLETED: July 9 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | - some relic clasts with pink feldspar remain within the siliceous unit. | | | 54543E 25.87-26.19 | | | 1780 | 2.8 |
| | | - abundant quartz carbonate stingers within poorly cohesive unit appears to be breccia/crackle breccia to intensly flooded gouge. | - crumbly poorly cohesive to semi-cohesive core to 29.87m | | 54544E 26.19-28.46 | 0.114 | 0.19 | | |
| | | - alteration extends to 32.42m, intense silica flooding at 32.25m (20 cm in length). | - large calcite rhombs and ? selenite/elongate fibrous radiating crystals (soft) or wolastonite occurs with calcite rhombs 30.3m | | 54545E 28.46-28.65 | 0.040 | 0.07 | | |
| | | | | | 54546E 28.65-29.06 | | | 3250 | 1.6 |
| | | | | | 54547E 29.06-29.38 | | | 50 | 0.2 |
| | | | | | 54548E 29.38-29.87 | 0.002 | 0.03 | | |
| | | | | | 54549E 29.87-30.84 | < 0.002 | 0.06 | | |
| | | | | | 54550E 30.84-31.20 | 0.002 | 0.05 | | |
| | | | | | 54563E 31.20-32.17 | 0.020 | 0.06 | | |
| | | | | | 54564E 32.17-32.27 | 0.026 | 0.11 | | |
| | | | | | 54565E 32.27-32.92 | 0.146 | 0.13 | | |
| | 32.52-40.5 | VOLCANIC SEDIMENTS OR TUFF | | | | | | | |
| | | - black, unaltered, fine grained dense with high argilaceous content, lappili tuff possible, | - pyrite on fracture planes, | tr pyrite | 54566E 32.92-33.22 | | | 35 | 0.2 |
| | | - clasts, similar in composition to matrix and visible by stained margins and lighter colours 'clasts' may be some form of exolution texture. | - fractures 5-10cm blocks | | 54567E 33.22-33.3 | 0.006 | 0.03 | | |
| | | | | | 54651E 33.3-33.62 | | | < 5 | 0.2 |
| | | | | | 54652E 33.62-34.45 | | | < 5 | 0.2 |
| | | - 32.92m - 12 cm band of intense epidote alteration of volcanics contains salmon pink feldspar grains, white quartz & minor | - fine grained pyritic stringers offset (may be broken vein in gouge zone) 3mm thick cutting core at 35° Caxis. | | 54653E 34.45-34.9 | | | < 5 | 0.2 |
| | | | | | 54654E 34.9-35.92 | | | < 5 | 0.2 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-1
NTS: 103G/4W | DEPARTURE: | DIP: -60° | STARTED: July 8 1985 DS
LOGGED BY: M L SERACK | ELEVATION: 12.19m | DEPTH: 48.15m | COMPLETED: July 9 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | minerals (gouge); surrounding matrix chloritized and bleached to white (serecite-clay) | - tr vfg dark grey black metalic mineral associated with quartz calcite veining. | | 54655E 35.92-36.07 | | | < 5 | 0.2 |
| | | - non magnetic interval. | | | 54656E 36.07-36.22 | | | < 5 | 0.2 |
| | | - Black volcanics may be cherty in places. | | | 54657E 36.22-36.44 | < 0.002 | 0.03 | | |
| | | - Strong fragmental/exsolution texture evident at 38-39m. | - epidote quartz veining is abundant. | | 54658E 36.44-36.76 | | | < 5 | 0.2 |
| | | - mafics agglomerated. | - pyrite located along fracture | tr-1% pyrite | 54666E 36.76-38.99 | | | < 5 | 0.2 |
| | | - rocks strongly magnetic. | selvages, tr dissem as fine blebs 1mm diameter. | | | | | | |
| | | - bleached zone 39.01-39.3m, 39.7m | - Crackle brecciation becomes | | 54667E 39.00-41.68 | 0.002 | 0.02 | | |
| | | - abundant pyrite in matrix which has chalky texture. | increasingly developed towards 39.01-39.2m where light green bleached volcanic with abundant coarse rhombahedral calcite 3m-2cm crystals | | | | | | |
| | | - fine stringers of alteration continue to 40.5m. | - pyrite is coarse cubic 2-3mm diameter with occasional hexagonal appearing faces. Occasionally bright yellow pyrite is | | | | | | |
| | 40.5-48.16 | ANDESITE (HORNFELSED) | almost white and may be arseno- | | | | | | |
| | | - mafic aggregates, especially evident as alteration of clasts in uniform dark grey green matrix. | pyrite located along fracture planes. | | 54668E 41.68-43.76 | | | < 5 | 0.2 |
| | | - exsolution/clasts appears brown to purplish brown 41.9-47.4m, contain tr pyrite as replacement are .5cm diameter round and irregular shapes most 1-3mm. | | ? pyrrhotite | 54669E 43.76-44.70 | | | < 5 | 0.2 |
| | | | | | 54670E 44.70-47.23 | | | < 5 | 0.2 |
| | | - alteration sequences 47.4-48.16m, of feldspar-quartz-epidote-clay replacing clasts followed by pyritic replacement especially where mafics involved | - appears to be two phases of py white coloured with little crystal structure and rimed by yellow pyrite, possible trace chalcopyrite. | | | | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW
NTS: 103G/4W
LOGGED BY: M L SERACK

LATITUDE: ____
DEPARTURE: ____
ELEVATION: 2.19m

AZIMUTH: 140°
DIP: -60°
DEPTH: 48.15m

HOLE NO: DDH85-1
STARTED: July 8 1985 DS
COMPLETED: July 9 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | | oz/t ASSAYS Au | Ag | ppbAu | ppmAg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | continues to 48.16m but is mostly altered to pale green chloritic matrix with trace epidote and becomes crackle brecciated.<br>- retains strong magnetic properties. | - crackle brecciated with quartz carbonate lining blocks and leaving a vuggy appearance 47.5m.<br>- apple green sericite or ? mariposite occurs within quartz veining at 47.8m.<br>- sulphides associated with this are fine grained grey green pyrite.<br>- some pyrite lcoated as blebs and clasts as noted above in exsolution textures.<br>- fracturing in breccia is at 90° _ Caxis and 45° _ Caxis.<br><br>END OF HOLE | locally 5% average 1-2% py in matrix. | 54671E<br>47.23-48.16 | < | 0.002 | 0.05 | | | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-2
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 11 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 42.67m | DEPTH: 48.46m | COMPLETED: July 12 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | ASSAYS oz/t Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | 0-4.27 | CASING | | | | | | | |
| | 4.27-9.65 | - med-grey strongly altered andesite.<br>- very crumbly; gougelike.<br>- matrix of kaolinized material with inclusions of relatively unaltered andesite; inclusions from 1mm - 5cm;<br>- large (10cm) length of unaltered andesite at 6.5m;<br>- non magnetic. | - mainly kaolinized with pyrite replacement;<br>- carbonte replacement in very altered areas. | 5-20% | 54672E 4.27-9.45 | < 0.002 | 0.03 | | |
| | 9.65-22.15 | - med altered dark grey-green silicified andesite;<br>- cherty between 17-22m;<br>- sparse veining throughout section. Veins from 1-3mm wide. Quartz veins.<br>- strongly magnetic. | - 5-20% cubic pyrite and fine grey sulphides; concentrated on fracture;<br>- heavily fractured throughout (6 to 20 fractures/foot).<br>- some areas rusty brown weathered. | 5-20% | 54673E 9.45-13.1<br>54674E 13.1-15.1<br>54675E 15.1-17.07<br>54676E 17.07-18.1<br>54677E 18.1-19.05<br>54678E 19.05-20.3<br>54679E 20.3-20.8<br>54680E 20.8-22.0 | | | < 5<br>< 5<br>< 5<br>< 5<br>< 5<br>< 5<br>< 5 | 0.2<br>0.2<br>0.2<br>0.2<br>0.2<br>0.2<br>0.2 |
| | 22.15-26.47 | - light-med green strongly altered silicified andesite<br>- strongly magnetic | - fracturing 2-5 per foot<br>- intensely veined; quartz and calcite. | 2-15% | 54681E 22.0-23.0 | < 0.002 | 0.03 | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-2
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 11 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 42.67m | DEPTH: 48.46m | COMPLETED: July 12 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | | - most veins at 45% to Caxis.<br>- veins have inclusions of cubic pyrite pods;<br>- some veins vuggy and up to 10mm wide;<br>- very intense veining from 23.25-24.0m;<br>- some veins have epidote alteration, mainly from 24-26m. | | 54682E 23.0-23.8 | 0.002 | 0.03 | | |
| | | | | | 54683E 23.8-25.1 | 0.002 | 0.03 | | |
| | | | | | 54684E 25.1-26.2 | 0.002 | 0.03 | | |
| | 26.47-30.6 | - med grey/green altered andesite;<br>- same as 9.65-22.15m;<br>- strongly magnetic. | - epidote altered veining at 29.5-20.6m, includes blebs of cubic pyrites.<br>- most veining is calcite and quartz. | 2-10% | 54685E 26.2-29.64 | | | < 5 | 0.2 |
| | | | | | 54686E 29.64-30.04 | < 0.002 | 0.04 | | |
| | | | | | 54687E 30.04-30.44 | | | < 5 | 0.2 |
| | | | | | 54688E 30.44-31.8 | < 0.002 | 0.01 | | |
| | 30.6-37.4 | - light grey/green altered diorite;<br>- less silicified areas strongly magnetic and silicious areas non-magnetic. | - mainly silica replaced between 30.6-35.12m;<br>- intensely veined in silicious regions; calcite and quartz veining very vuggy in some areas.<br>- veins near 30-6 and 37.4m are epidote altered.<br>- 2-10% cubic pyrite; concentrated on fracture. | 2-10% | 54689E 31.8-32.9 | < 0.002 | 0.01 | | |
| | | | | | 54690E 32.9-34.14 | < 0.002 | 0.01 | | |
| | | | | | 54691E 34.14-35.54 | | | 10 | 0.2 |
| | | | | | 54692E 35.54-37.0 | | | < 5 | 0.2 |
| | | | | | 54693E 37.0-37.6 | | | < 5 | 0.2 |
| | | | | | 54694E 37.6-37.9 | < 0.002 | 0.06 | | |
| | | | | | 54695E 37.9-40.63 | | | < 5 | 0.2 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-2
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 11 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 42.67m | DEPTH: 48.46m | COMPLETED: July 12 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 37.4-48.46 | - mildly altered dark grey/green andesite.<br>- same as 9.65-22.15m;<br>- cherty in some areas. | - strongly altered area between 42.4-43m and between 44.83-45.5m;<br>- epidote alteration in veins at contact between less altered andesite and alteration zones;<br>- veins in this region vuggy and gouge like;<br>- vuggy areas have well-formed quartz crystals up to 2mm long.<br><br>END OF HOLE | 2-30% | 54696E 40.63-42.2<br>54697E 42.2-43.2<br>54698E 43.2-44.6<br>54699E 44.6-45.7<br>54700E 45.7-46.33 | < 0.002 | 0.05 | < 5 | 0.2 | | | |
| | | | | | | < 0.002 | 0.03 | < 5 | 0.2 | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-3
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 10 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 54.86m | DEPTH: 46.33m | COMPLETED: July 10 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | ASSAYS oz/t Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | 0-5.49 | OVERBURDEN | | | | | | | |
| | 5.49-9.6 | - dark green Andesite;<br>- contains trace blebs of epidote;<br>- 0-trace pyrite;<br>- strongly magnetic;<br>- includes section of sandy silica and feldspar partially altered to kaolin;<br>- irregular and vuggy quartz veinlets from 1mm to 1cm wide. | - fractures at 1-3in;<br>- silicious flooding with pyrites and partial replacement at 5.49m;<br>- 0-trace pyrite. | 0-trace | 54501E 0-5.45<br>54502E 5.45-7.45<br>54503E 7.45-8.45 | 0.112<br>0.024 | 0.17<br>0.07 | < 5 | 0.4 |
| | 9.6-12.61 | - relatively unaltered green andesite;<br>- trace pyrites;<br>- chloritized blebs of mafics (up to 0.5cm, rounded);<br>- strongly magnetic;<br>- bleached light grey colour with clasts of andesite. | - fracture 1/6in;<br>- trace pyrite. | 0-trace | 54504E 8.45-11.45<br>54505E 11.45-12.75 | | | < 5<br>< 5 | 0.4<br>0.4 |
| | 12.61-13.11 | - silicious andesite;<br>- 1-2% fine grained pyrites;<br>- trace arsenopyrite to 1%;<br>- weakly magnetic. | - 1-2% fine grey pyrite. | 0-2% | 54506E 12.75-13.25 | 0.068 | 0.07 | | |
| | 13.11-16.38 | - med green/grey silicified andesite;<br>- fine veinlets - 1-2mm wide, sparse;<br>- mainly silicious; | - trace pyrites<br>- fractures 1/8 in;<br>- contains 0.4m zone of more silicified rock with 1-2% sulphides starts at 14.14m; | 0-trace | 54507E 13.25-15.05<br>54508E 15.05-16.65 | 0.012 | 0.003 | < 5 | 0.4 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-3
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 10 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 54.86m | DEPTH: 46.33m | COMPLETED: July 10 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | | sulphide perpendicular to Caxis _ 45°. | | | | | | |
| | 16.38-17.02 | - bleached silicified andesite zone;<br>- very fractured and crumbly. | - 2-8% fine sulphides; | 2-8% | 54509E 16.65-17.25 | 0.072 | 0.09 | | |
| | 17.02-17.78 | - relatively unaltered andesite;<br>- dark grey green;<br>- chlorite blebs. | - trace-1% pyrite | trace-1% | | | | | |
| | 17.78-19.2 | DIORITE<br>- light grey altered diorite with sulphide replacement. | - veins - .6-1.3m<br>- veins from 2-6mm wide;<br>- contains one jasperoid vein 5mm wide surrounded by light grey rock 10cm wide at 19.05m;<br>- 0-1% sulphides. | 0-1% | 54510E 17.25-19.23 | 0.056 | 0.05 | | |
| | 19.2-33.28 | DIORITE<br>- fine grained, chlorite altered dark green diorite;<br>- fractures .6m. | - trace to "concentrated 10%" sulphides<br>- 21.9-23.23m; zone of white/pink veins 2-10mm wide;<br>- veins contain pink calcite, epidote, feldspar ?, quartz and up to 15% small cubic pyrite;<br>- prominant vein orientation 45% (perpendicular to Caxis)<br>- heavily fractured between 27-29m. | 0-10% | 54511E 19.23-22.25<br>54512E 22.25-25.4<br>54513E 25.4-26.1<br>54514E 26.1-28.1<br>54515E 28.1-30.71 | | | <5<br><5<br><5<br><5<br><5 | 0.4<br>0.4<br>0.2<br>0.4<br>0.8 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 140° | HOLE NO: DDH85-3
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 10 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 54.86m | DEPTH: 46.33m | COMPLETED: July 10 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | | - 4cm wide zone at 32.51m; mainly quartz with - 5% cubic pyrite; | 5% | 54516E 30.71-32.42 | | | < 5 | 0.4 |
| | 33.28-33.99 | - strongly altered diorite; grey/white;<br>- very bleached and gougy. | - strongly altered zone of diorite at 34.12m; extending for 71cm, light grey, powderly and crumbly. Contains cubic pyrite and pods of fine grey sulphides. | 10-20% | 54517E 32.42-33.63 | < 0.002 | < 0.01 | | |
| | | | | | 54518E 33.63-35.74 | < 0.002 | 0.01 | | |
| | 33.99-36.49 | - altered, silicious andesite;<br>- dark greenish;<br>- sucrosic;<br>- strongly magnetic. | - small quartz veinlets 1-3mm<br>- fractured 1m | 0-trace | 54519E 35.74-36.22 | | | < 5 | 0.4 |
| | 36.49-46.33 | - dark green, chlorite altered diorite;<br>- partially sucrosic texture;<br>- strongly magnetic; | - trace-1% cubic pyrite;<br>- fractures 2/ft<br>- more andesitic between 44-44.6m; less crystal development;<br>- heavily fractured (8/ft) between 43.2-44m<br>- sparse veining;<br>- vein at 37.02m, epidote alteration with some pink feldspar;<br>- vein at 43.05m, mainly feldspar pink calcite ?;<br>- up to 5% sulphide in some veins | trace-5% | 54520E 36.22-40.28 | | | < 5 | 0.4 |
| | | | | | 54521E 40.28-43.08 | | | < 5 | 0.4 |
| | | | | | 54522E 43.08-46.33 | | | < 5 | 0.4 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW
NTS: 103G/4W
LOGGED BY: M L SERACK

LATITUDE: '
DEPARTURE:
ELEVATION: 67.06m

AZIMUTH: 147°
DIP: -60°
DEPTH: 46.85m

HOLE NO: DDH85-4
STARTED: July 13 1985 DS
COMPLETED: July 13 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | ASSAYS oz/t Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | OVERBURDEN | | | | | | | |
| | -27.58 | ANDESITE<br>- dark green to black, fine grained, magnetic uniform, contains 1% subrounded lapilli 1cm diameter of similar composition to matrix or chert. | - poorly fractured 1/15cm;<br>- tr disseminated cubic pyrite<br>- tr magnetite visible as dark black xtals within matrix. | tr pyrite<br>tr magnetite | 54551E<br>0-4.12 | | | < 5 | 0.2 |
| | | - altered bands with gradational margins becomes dioritic, 2-3mm grain size with mafics in clots (5% chloritized amphibole), 4.25-4.5m, 5.5-5.65m, (associated with gouge), 7.5-7.65m, 9.2-9.4m, 10-11.2m, 12.1-13.3m, contains 5% quartz. | - diorite contains trace pyrite;<br>- moderate to weakly magnetic;<br>- density of fractures 1/3-4cm<br>- quartz veining in diorite and andesite is 1-3mm thick and cuts at 40-60° _ Caxis, vuggy with abundant carbonate, especially on fracture surfaces.<br>- greenish chert on some fracture surfaces. | | 54552E<br>5.1-6.4<br>54553E<br>8.75-11.65<br>54554E<br>11.65-13.85<br>54561E<br>14.25-16.15<br>54562E<br>16.5-17.0 | | | < 5<br>< 5<br>< 5<br>< 5<br>< 5 | 0.2<br>0.2<br>0.2<br>0.4<br>0.4 |
| | | - gradational basal contact-coarse grained andesitic lapilli which appears almost dioritic and is much more silicious in appearance. Some altered feldspar phenocrysts-serecite (kaolin) up to 2mm diameter - grain size averages 2mm in diameter contains some cherty blebs (subrounded, up to 1cm diameter). | - crackle breccia intense from 12-12.95m, weak to 13.2m;<br>- intense fracturing with carbonate on fracture surfaces between 22.25-23.32m, 26-26.37m, 26.7-27.58m;<br>- fault gouge associated with dioritic "intrusive" 17.2-17.48m, badly broken 15.85-16.15m, 27.58-46.33m; | | 54555E<br>19.25-19.75<br>54556E<br>21.75-23.32<br>54557E<br>26.0-27.58 | | | < 5<br>< 5<br>< 5 | 0.4<br>0.4<br>0.4 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 147° | HOLE NO: DDH85-4
NTS: 103G/4W | DEPARTURE: | DIP: -60° | STARTED: July 13 1985 DS
LOGGED BY: M L SERACK | ELEVATION: 67.06m | DEPTH: 46.85m | COMPLETED: July 13 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg | ppb Hg |
|---|---|---|---|---|---|---|---|---|---|---|
| | 27.58-46.85 | | | | | | | | | |
| | | - pinkish/black colouration due to alteration and flooding of feldspar around mafics.<br>- intense hematization/pink feldspar flooding at 37m for .2m, (possibly Hg mineral associated with fracture coatings) 37.19-29.01m. | - quartz veining has more pink feldspar/carbonate apparent within it.<br>- fracture density 1/15cm. | | 54558E<br>36.0-38.0 | | | 5 | | 50 |
| | | - xenoliths/clasts are randomly distributed but increase in size down hole to end.<br>- 43.0m rounded xenoliths up to 3cm diameter.<br>- unit moderate to weakly magnetic. | - intense fracturing and gouge between 29.87-30.01m, 31.45-31.6m, 35.0-35.2m, 36.2-36.6m, 37.0-37.5m, 40.4-41.91m, 44.0-44.35m. | | 54559E<br>38.0-40.67<br>54560E<br>44.85-46.33 | | | < 5<br>< 5 | <br>0.2 | 30 |
| | | | END OF HOLE | | | | | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW
NTS: 103G/4W
LOGGED BY: ANTON GRIGORUK
LATITUDE: '
DEPARTURE:
ELEVATION: 76.20m
AZIMUTH: 140°
DIP: -45°
DEPTH: 44.72m
HOLE NO: DDH85-5
STARTED: July 14 1985 DS
COMPLETED: July 14 1985 NS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 54724E 42.0-43.6 | < 0.002 | 0.03 | | | | | |
| | | | | | 54725E 43.6-45.72 | < 0.002 | 0.03 | | | | | |
| | | | END OF HOLE | | | | | | | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 000° | HOLE NO: DDH85-6
NTS: 103G/4W | DEPARTURE: | DIP: -045° | STARTED: July 15 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 59.44m | DEPTH: 52.43m | COMPLETED: July 16 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | 0-1.2 | CASING/OVERBURDEN | | | | | | | |
| | 1.2-44.85 | | | | | | | | |
| | | - dark green/grey strongly altered andesite;<br>- strongly magnetic throughout section, except in silicified brecciated zones;<br>- contains abundant disseminated chlorite blebs;<br>- disseminated cubic pyrite throughout section. | - rusty brown weathered with iron stain on fracture between 1.2-34.5m;<br>- fractures 4-20/.3m;<br>- sparse veining from 1.2-8.7m, quartz veins from 1-10mm wide. Random vein orientation through this section;<br>- cubic disseminated pyrite concentrated on fracture;<br>- intensely altered, breccia zone from 8.7-12.0m. Highly kaolinized. Some areas are very gougy, light grey pyritic sand. (up to 50% pyrite). Abundant quartz veining/flooding.<br>- veining at 13.4-13.8m is epidote altered and contains quartz. Surrounding pyrite/sulphide stringers in centre.<br>- veins at 16.8m, 18.9m, 17.2m, 21.0m, 21.5m, 21.7m, 22.1m, 22.5m are crumbly, gouge-like white silica with rusty brown weathering. Very vuggy and contain trace to 10% pyrite in stringers.<br>- quartz crackle breccia zone from 23.5-26.27m, vuggy quartz veining with some epidote alteration. Some veins contain pyrite stringers 1-2mm wide. | trace-50%<br><br>up to 50% | 54726E 1.2-1.7<br>54727E 1.7-8.63<br>54728E 8.63-10.16<br>54729E 10.16-12.25<br>54730E 12.25-14.63<br>54731E 14.63-16.56<br>54732E 16.56-18.0<br>54733E 18.0-20.3<br>54734E 20.3-23.31<br>54735E 23.31-25.0<br>54736E 25.0-27.56 | < 0.002<br><br>< 0.002<br><br><br><br>< 0.002<br><br>0.002<br><br>< 0.002<br>< 0.002 | 0.03<br><br><br>0.4<br><br><br>0.3<br><br>0.01<br>0.02<br>0.03 | <br><br>< 5<br>< 5<br><br><br><br>< 5<br><br><br><br> | <br>0.2<br>0.2<br><br><br><br><br>0.2<br><br><br><br> |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: , | AZIMUTH: 000° | HOLE NO: DDH85-6
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 15 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 59.44m | DEPTH: 52.43m | COMPLETED: July 16 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 54737E 27.56-29.9 | < 0.002 | 0.03 | | |
| | | | | | 54738E 29.9-32.52 | < 0.002 | 0.03 | | |
| | | | | | 54739E 32.52-35.22 | < 0.002 | 0.03 | | |
| | | | - intensely fractured, crumbly zone between 37.0-39.5m contains 1m section of dioritic material. Dominent vein orientation is parallel to Caxis quartz veins; | | 54740E 35.22-37.65 | < 0.002 | 0.05 | | |
| | | | | | 54741E 37.65-40.50 | < 0.002 | 0.03 | | |
| | | | | | 54742E 40.5-43.72 | < 0.002 | 0.04 | | |
| | | | | | 54743E 43.72-45.42 | < 0.002 | 0.05 | | |
| | 44.85-52.43 | CHLORITE ALTERED DIORITE<br>- chlorite altered diorite;<br>- strongly magnetic;<br>- contains abundant, disseminated chlorite blebs;<br>- very silicious. | - vuggy quartz veins at 47.0 and 48.2m, are 2cm wide and are epidote altered. Vugs contain up to 20% sulphides;<br>- fractures 6 per .3m<br>- contains sparsequartz veining, dominant vein orientation parallel to Caixs.<br>- cubic pyrite concentrated on fracture. | trace-20% | 54744E 45.42-47.85 | 0.002 | 0.03 | | |
| | | | | | 54745E 47.85-50.21 | < 0.002 | 0.03 | | |
| | | | | | 54746E 50.21-52.43 | < 0.002 | 0.02 | | |
| | | | END OF HOLE | | | | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 320° | HOLE NO: DDH85-7
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 16 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 73.15m | DEPTH: 46.94m | COMPLETED: July 17 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | 0-3.66 | OVERBURDEN | | | | | | | |
| | 3.66-7.5 | DIORITE<br>- light grey/green, strongly altered silicious diorite;<br>- intense silicious flooding;<br>- non magnetic;<br>- contains abundant chlorite blebs. | - sparse quartz veining throughout section;<br>- fractures 4-8/.3m;<br>- heavily altered and crumbly between 4-4.2m and containing pods of cubic pyrite and fine grey sulphides. Large amount of chalcopyrite in areas;<br>- rusty brown weathered on fracture throughout section;<br>- some quartz veins are vuggy in sections. | 2-20% | 54601E 3.66-6.95 | < 0.002 | 0.01 | | |
| | 7.5-41.3 | - grey/black med. altered andesite<br>- cherty in some regions;<br>- very small crystal formation;<br>- high mafic content;<br>- partially sucrosic texture;<br>- strongly magnetic throughout section except in very silicious regions;<br>- becomes chert from 28.0-28.5m and from 39.0-41.3m. | - trace-2% cubic pyrite in less altered regions, heavily concentrated on fracture;<br>- sparse veining throughout section except in a few regions Dominant vein orientation is perpendicular to Caxis;<br>- rusty brown weathered on fracture between 7.5-14.7m;<br>- heavily fractured between 7.5-22.8m, 36.4-38.2m;<br>- very crumbly grey/white region from 13.3-13.65m, chalky texture, strongly kaolinized. Contains vuggy quartz veining and pods of cubic pyrite/fine grey sulphides. | trace-5% | 54602E 6.95-10.67 | | | < 5 | 0.2 |
| | | | | | 54603E 10.67-14.11 | | | < 5 | 0.2 |
| | | | | | 54604E 14.11-14.83 | 0.002 | 0.03 | | |
| | | | | | 54605E 14.83-19.45 | | | < 5 | 0.2 |
| | | | | | 54606E 19.45-21.0 | < 0.002 | 0.03 | | |
| | | | | | 54607E 21.0-24.62 | | | < 5 | 0.2 |
| | | | | | 54608E | | | < 5 | 0.4 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: | AZIMUTH: 320° | HOLE NO: DDH85-7
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 16 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 73.15m | DEPTH: 46.94m | COMPLETED: July 16 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t Au | oz/t Ag | ASSAYS ppbAu | ASSAYS ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | 54609E 28.7-32.3 | | | <5 | 0.4 |
| | | | | | 54610E 32.3-35.1 | < 0.002 | 0.02 | | |
| | | | - intense quartz/calcite veining between 34.0-34.9m, crackle breccia zone contains vuggy quartz and calcite veins with well formed crystals up to 3mm wide. Random vein orientation Some areas chalky and highly kaolinized;<br>- veining from 26.8-27.4m is strongly epidote altered. Rock also contains abundant dissem. epidote blebs throughout. Also contains sparse chlorite blebs. | | 54611E 35.1-38.9 | | | <5 | 0.2 |
| | | | - zone between 36.18-36.4m very cherty. Chlorite and epidote altered containing quartz veining surrounded by pyrite stringers. | | 54612E 38.9-41.3 | | | <5 | 0.2 |
| | 41.3-43.3 | - strongly altered crackle breccia zone, med grey;<br>- non magnetic;<br>- intensefly silica flooded. | - very crumbly grey/white zone between 41.3-41.9m. Very kaolinized and contains vuggy quartz/calcite veins up to 10mm wide.<br>- dominant vein orientation is perpendicular to Caxis.<br>- contains pyrite stringers up to 3mm wide.<br>- region between 39.7-41.3m almost entirely silica containing | 2-20% | 54613E 41.3-43.3 | < 0.002 | 0.03 | | |
| | | | | | 54614E 43.3-45.3 | < 0.002 | 0.01 | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: ' | AZIMUTH: 320° | HOLE NO: DDH85-7
NTS: 103G/4W | DEPARTURE: | DIP: -45° | STARTED: July 16 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 73.15m | DEPTH: 46.94m | COMPLETED: July 16 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | ASSAYS oz/t Au | Ag | ppbAu | ppmAg | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | pyrite stringers. Contains quartz/calcite vugs with well formed crystals up to 2mm wide. | | | | | | | | | |
| | 43.3-46.94 | - med altered grey/blck andesite;<br>- strongly magnetic;<br>- high mafic content. | - sparse quartz/calcite veining.<br>- very cherty. | 2-5% | 54615E<br>45.3-46.94 | | | < 5 | 0.2 | | | |
| | | | END OF HOLE | | | | | | | | | |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW
NTS: 103G/4W
LOGGED BY: ANTON GRIGORUK
LATITUDE: '
DEPARTURE:
ELEVATION: 42.67m
AZIMUTH: 320°
DIP: -045°
DEPTH: 46.02m
HOLE NO: DDH85-8
STARTED: July 17 1985 DS
COMPLETED: July 18 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | 0-2.44 | OVERBURDEN | | | | | | | |
| | 2.44-14.37 | - dark grey/green silicious chlorite altered andesite;<br>- strongly magnetic. | - heavily fractured (10-20/.3m) throughout section;<br>- rusty brown weathered on fracture between 2.44-14.37m;<br>- contains abundant disseminated chlorite blebs;<br>- crumbly grey/white kaolinized region between 8.0-8.4m. Mainly silica with pods of cubic pyrite and fine grey sulphides. Vuggy quartz veining. | 1-10% | 54616E 2.44-5.59<br>54617E 5.59-7.11<br>54618E 7.11-8.9<br>54619E 8.9-11.7<br>54620E 11.7-12.7<br>54621E 12.7-15.2 | < 0.002<br>< 0.002<br>0.002 | 0.03<br>0.02<br>0.03 | < 5<br>< 5<br>< 5 | 0.2<br>0.2<br>0.2 |
| | 14.37-44.05 | - intensely altered light grey/green silica flooded andesite;<br>- non magnetic. | - very intensely fractured throughout section;<br>- extremely crumbly and gougelike between 19.2-38.1m;<br>- rusty brown weathered on fracture between 14.37-35.2m;<br>- intensely altered crackle breccia zone begins at 23.67m and continues throughout section.<br>- vuggy quartz/calcite pervasive throughout section;<br>- pod of grey clay at 22.0m, very moist; | 2-30% | 54622E 15.2-16.47<br>54623E 16.47-19.1<br>54624E 19.1-20.47<br>54625E 20.47-23.66<br>54626E 23.66-26.25<br>54627E 26.25-28.5<br>54628E 28.5-31.32<br>54629E 31.32-33.8 | 0.002<br>0.002<br>0.002<br>0.002<br>0.002<br>0.002<br>0.002 | 0.02<br>0.03<br>0.03<br>0.03<br>0.02<br>0.03<br>0.01 | 5 | 0.2 |

# LORNEX MINING CORPORATION LTD. — DIAMOND DRILL LOG



PROPERTY: SNOW | LATITUDE: , | AZIMUTH: 320° | HOLE NO: DDH85-8
NTS: 103G/4W | DEPARTURE: | DIP: -045° | STARTED: July 17 1985 DS
LOGGED BY: ANTON GRIGORUK | ELEVATION: 42.67m | DEPTH: 46.02m | COMPLETED: July 18 1985 DS

| % REC | INTERVAL | ROCK TYPE / ALTERATION | MINERALIZATION / STRUCTURE | Est. % Sulfides | SAMPLE NUMBER | oz/t ASSAYS Au | Ag | ppbAu | ppmAg |
|---|---|---|---|---|---|---|---|---|---|
| | | | - intensely vuggy area between 34.5-34.9m. Very rusty, brown weathered strongly kaolinized. | | 54630E 33.8-37.43 | 0.002 | 0.03 | | |
| | | | - zone between 20.07-20.17m almost 100% massive sulphide; | | | | | | |
| | | | - zone less fractured between 38.1-44.05m. Almost entirely silica with up to 30% dissem. cubic pyrite. Very vuggy throughout. Some vugs contain a translucent yellow mineral (?) some areas strongly kaolinized. | | 54631E 37.43-40.85 | 0.002 | 0.02 | | |
| | | | | | 54632E 40.85-44.0 | 0.002 | 0.02 | | |
| | 44.05-46.02 | - dark grey/green chlorite altered andesite;<br>- non magnetic. | - sparse quartz/calcite veining;<br>- contans 205% cubic disseminated pyrite. | 2-5% | 54633E 44.0-46.02 | | | 5 | 0.2 |
| | | | END OF HOLE | | | | | | |

APPENDIX II

# Chemex Labs Ltd.

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North Vancouver, B.C.
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Telephone:(604) 984-0221
Telex: 043-52597

•Analytical Chemists •Geochemists •Registered Assayers

CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10335, STOCK EXCHANGE TOWER
STE 1650 - 609 GRANVILLE ST.
VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514821-001-A
INVOICE # : I8514821
DATE : 26-AUG-85
P.O. # : NONE
SHOW

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

| | Sample description | | Au ppb FA+AA | Hg ppb | Al % | As ppm | B ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Recovery | (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DDH 85-1 | 5.35- 8.96 | (3.61) | <5 | -- | 3.92 | 0.2 | 20 | 340 | <0.5 | <2 | 2.74 | <0.5 | 22 | 44 | 54 | 5.81 | 10 | 0.12 | <10 | 1.77 | 1333 | <1 | 0.43 | 10 | 870 | 12 | <10 | 157 | 0.22 | <10 | <10 | 152 | <10 | 80 |
| | 8.96-11.29 | (2.33) | 300 | -- | 3.37 | 0.6 | 500 | 560 | <0.5 | <2 | 2.94 | <0.5 | 23 | 56 | 67 | 5.77 | 10 | 0.10 | <10 | 1.48 | 950 | <1 | 0.32 | 11 | 820 | 8 | 70 | 148 | 0.19 | <10 | <10 | 155 | <10 | 80 |
| | 11.29-12.90 | (1.61) | <5 | -- | 3.13 | 0.2 | 10 | 290 | <0.5 | <2 | 2.85 | <0.5 | 22 | 50 | 78 | 5.01 | 10 | 0.10 | <10 | 1.44 | 1135 | <1 | 0.31 | 11 | 800 | 12 | <10 | 114 | 0.20 | <10 | <10 | 142 | <10 | 60 |
| | 12.90-13.58 | (0.68) | <5 | -- | 3.34 | 0.2 | 10 | 150 | <0.5 | <2 | 2.33 | <0.5 | 19 | 44 | 54 | 4.97 | 10 | 0.08 | <10 | 1.23 | 774 | <1 | 0.31 | 8 | 790 | 2 | <10 | 146 | 0.23 | <10 | <10 | 131 | <10 | 40 |
| | 13.58-17.00 | (3.42) | <5 | -- | 3.71 | 0.2 | 10 | 380 | <0.5 | <2 | 3.16 | <0.5 | 21 | 47 | 52 | 5.35 | 10 | 0.14 | <10 | 1.46 | 1070 | <1 | 0.40 | 10 | 780 | 6 | <10 | 142 | 0.21 | <10 | <10 | 150 | <10 | 60 |
| | 17.00-18.64 | (1.64) | 20 | -- | 3.00 | 0.2 | 70 | 190 | <0.5 | <2 | 2.53 | <0.5 | 20 | 33 | 55 | 4.75 | 10 | 0.17 | <10 | 1.35 | 857 | <1 | 0.27 | 9 | 790 | 10 | <10 | 91 | 0.11 | <10 | <10 | 120 | <10 | 50 |
| | 18.64-19.75 | (1.11) | 200 | -- | 2.75 | 0.4 | 730 | 170 | <0.5 | <2 | 2.06 | 0.5 | 21 | 46 | 74 | 5.06 | 10 | 0.24 | <10 | 1.08 | 707 | <1 | 0.23 | 10 | 770 | 14 | <10 | 79 | 0.06 | <10 | <10 | 103 | <10 | 60 |
| | 19.75-20.72 | (0.97) | 5850 | -- | 1.00 | 4.6 | >9999 | 90 | <0.5 | <2 | 0.84 | 15.0 | 16 | 26 | 45 | 5.55 | <10 | 0.17 | <10 | 0.28 | 163 | <1 | 0.08 | 8 | 580 | 14 | 50 | 40 | <0.01 | <10 | <10 | 37 | <10 | 70 |
| | 23.33-25.17 | (1.84) | 3350 | -- | 0.72 | 5.0 | 8290 | 110 | <0.5 | <2 | 0.48 | 7.5 | 14 | 55 | 45 | 4.25 | <10 | 0.24 | <10 | 0.05 | 46 | 1 | 0.04 | 6 | 480 | 26 | 90 | 34 | <0.01 | <10 | <10 | 18 | <10 | 90 |
| | 25.81-26.19 | (0.32) | 1780 | -- | 0.95 | 2.8 | 6140 | 110 | <0.5 | <2 | 2.00 | 5.5 | 17 | 27 | 62 | 5.17 | 10 | 0.29 | <10 | 0.12 | 346 | <1 | 0.05 | 7 | 590 | 24 | 20 | 36 | <0.01 | <10 | <10 | 30 | <10 | 70 |
| | 28.46-28.65 | (0.19) | 3250 | -- | 1.15 | 1.8 | 7370 | 40 | <0.5 | <2 | 3.36 | 6.0 | 16 | 33 | 27 | 5.54 | 10 | 0.35 | <10 | 0.23 | 1033 | <1 | 0.03 | 9 | 500 | 22 | 30 | 25 | <0.01 | <10 | <10 | 45 | <10 | 80 |
| | 29.06-29.38 | (0.32) | 50 | -- | 2.25 | 0.2 | 270 | 60 | <0.5 | <2 | 1.09 | 0.5 | 34 | 28 | 67 | 4.46 | 10 | 0.44 | <10 | 0.43 | 270 | 2 | 0.06 | 10 | 780 | 10 | 10 | 45 | <0.01 | <10 | 10 | 52 | <10 | 40 |
| | 32.92-33.22 | (0.30) | 35 | -- | 6.20 | 0.2 | 100 | 970 | <0.5 | <2 | 3.93 | <0.5 | 19 | 41 | 27 | 5.39 | 20 | 0.14 | <10 | 1.54 | 1383 | <1 | 0.64 | 7 | 650 | 2 | 10 | 352 | 0.25 | <10 | 10 | 178 | <10 | 80 |
| DDH 85-7 | 6.95-10.67 | (4.72) | <5 | -- | 4.22 | 0.2 | <10 | 160 | <0.5 | <2 | 1.69 | <0.5 | 23 | 41 | 79 | 5.69 | 10 | 0.14 | <10 | 1.65 | 1017 | 1 | 0.38 | 14 | 690 | 8 | <10 | 180 | 0.20 | <10 | <10 | 153 | <10 | 70 |
| | 10.67-14.11 | (3.44) | <5 | -- | 4.65 | 0.2 | <10 | 170 | <0.5 | <2 | 1.81 | <0.5 | 25 | 42 | 62 | 5.79 | 10 | 0.16 | <10 | 1.81 | 1350 | 1 | 0.43 | 15 | 670 | 8 | <10 | 138 | 0.26 | <10 | <10 | 146 | <10 | 90 |
| | 14.83-19.45 | (4.62) | <5 | -- | 5.96 | 0.2 | <10 | 200 | <0.5 | <2 | 3.08 | <0.5 | 29 | 53 | 64 | 6.11 | 10 | 0.10 | <10 | 1.86 | 1263 | <1 | 0.64 | 17 | 580 | 10 | <10 | 216 | 0.30 | <10 | <10 | 194 | <10 | 100 |
| | 21.00-24.62 | (3.62) | <5 | -- | 6.58 | 0.2 | <10 | 140 | <0.5 | <2 | 3.26 | <0.5 | 23 | 54 | 71 | 6.64 | 10 | 0.09 | <10 | 2.53 | 1681 | <1 | 0.66 | 18 | 710 | 4 | <10 | 229 | 0.34 | <10 | <10 | 212 | <10 | 120 |
| | 24.62-28.70 | (4.08) | <5 | -- | 6.26 | 0.4 | <10 | 80 | <0.5 | <2 | 3.48 | <0.5 | 29 | 59 | 87 | 6.00 | 20 | 0.08 | <10 | 1.92 | 1312 | 1 | 0.64 | 16 | 610 | 6 | <10 | 269 | 0.30 | <10 | <10 | 188 | <10 | 120 |
| | 28.70-32.30 | (3.60) | <5 | -- | 6.65 | 0.4 | <10 | 100 | <0.5 | <2 | 3.77 | <0.5 | 28 | 54 | 77 | 6.20 | 20 | 0.11 | <10 | 2.01 | 1429 | <1 | 0.70 | 16 | 610 | 4 | <10 | 256 | 0.32 | <10 | 10 | 207 | <10 | 130 |
| | 35.10-38.90 | (3.80) | <5 | -- | 5.69 | 0.2 | <10 | 120 | <0.5 | <2 | 3.09 | <0.5 | 31 | 51 | 83 | 6.19 | 20 | 0.17 | <10 | 2.11 | 1360 | <1 | 0.55 | 17 | 650 | 8 | <10 | 201 | 0.32 | <10 | <10 | 200 | <10 | 90 |
| | 38.90-41.30 | (2.40) | <5 | -- | 6.15 | 0.2 | <10 | 240 | <0.5 | 2 | 3.23 | <0.5 | 29 | 54 | 93 | 6.44 | 20 | 0.10 | <10 | 2.08 | 1410 | <1 | 0.66 | 17 | 620 | 6 | <10 | 257 | 0.29 | <10 | <10 | 203 | <10 | 120 |
| | 45.30-46.94 | (1.64) | <5 | -- | 5.74 | 0.2 | <10 | 190 | <0.5 | 2 | 3.34 | <0.5 | 31 | 47 | 82 | 6.43 | 20 | 0.12 | <10 | 1.88 | 1741 | <1 | 0.59 | 16 | 510 | 6 | <10 | 234 | 0.20 | <10 | <10 | 167 | <10 | 120 |
| DDH 85-8 | 2.44- 5.59 | (3.15) | <5 | -- | 6.90 | 0.2 | 10 | 110 | <0.5 | <2 | 3.51 | <0.5 | 27 | 65 | 120 | 5.29 | 20 | 0.10 | <10 | 1.97 | 1119 | <1 | 0.83 | 22 | 610 | 4 | <10 | 365 | 0.19 | <10 | <10 | 142 | <10 | 70 |
| | 8.90-11.70 | (2.80) | <5 | -- | 5.71 | 0.2 | <10 | 110 | <0.5 | 2 | 2.70 | <0.5 | 29 | 71 | 219 | 5.01 | 10 | 0.10 | <10 | 1.96 | 761 | <1 | 0.53 | 20 | 520 | 8 | <10 | 262 | 0.14 | <10 | <10 | 153 | <10 | 50 |
| | 11.70-12.70 | (1.00) | <5 | -- | 6.15 | 0.2 | <10 | 130 | <0.5 | 6 | 3.39 | <0.5 | 21 | 61 | 63 | 5.10 | 20 | 0.11 | <10 | 1.25 | 745 | <1 | 0.69 | 19 | 570 | <2 | <10 | 261 | 0.12 | <10 | <10 | 174 | <10 | 50 |
| | 20.4 -23.66 | (3.19) | <5 | -- | 4.99 | 0.2 | <10 | 190 | <0.5 | 4 | 1.58 | <0.5 | 33 | 50 | 157 | 5.58 | 10 | 0.11 | <10 | 0.75 | 897 | <1 | 0.31 | 17 | 650 | 12 | <10 | 218 | 0.13 | <10 | <10 | 158 | <10 | 50 |
| | 44.00-46.02 | (2.02) | <5 | -- | 4.68 | 0.2 | <10 | 80 | <0.5 | <2 | 1.05 | <0.5 | 37 | 51 | 95 | 6.42 | 10 | 0.06 | <10 | 4.37 | 1440 | <1 | 0.20 | 23 | 570 | 18 | <10 | 126 | 0.05 | <10 | <10 | 143 | <10 | 70 |
| DDH 85-1 | 33.30-33.62 | (0.32) | <5 | -- | 6.83 | 0.2 | <10 | 730 | <0.5 | <2 | 4.08 | <0.5 | 23 | 36 | 32 | 5.91 | 20 | 0.09 | <10 | 2.15 | 1683 | <1 | 0.85 | 9 | 800 | 4 | <10 | 267 | 0.32 | <10 | <10 | 203 | <10 | 90 |
| | 33.62 34.45 | (0.83) | <5 | -- | 7.03 | 0.2 | <10 | 280 | <0.5 | <2 | 4.01 | <0.5 | 26 | 29 | 73 | 6.13 | 20 | 0.09 | <10 | 2.33 | 1594 | <1 | 0.89 | 9 | 880 | <2 | <10 | 280 | 0.37 | <10 | <10 | 209 | <10 | 130 |
| | 34.45 34.90 | (0.45) | <5 | -- | 5.75 | 0.2 | <10 | 90 | <0.5 | <2 | 3.39 | <0.5 | 22 | 36 | 36 | 4.90 | 10 | 0.06 | <10 | 1.48 | 1075 | <1 | 0.82 | 6 | 670 | <2 | <10 | 250 | 0.29 | <10 | <10 | 169 | <10 | 60 |
| | 34.90 35.92 | (1.02) | <5 | -- | 4.78 | 0.2 | <10 | 90 | <0.5 | <2 | 2.86 | <0.5 | 19 | 23 | 65 | 5.10 | 10 | 0.08 | <10 | 1.50 | 1058 | <1 | 0.58 | 6 | 700 | <2 | <10 | 207 | 0.35 | <10 | <10 | 176 | <10 | 50 |
| | 35.92 36.07 | (0.15) | <5 | -- | 5.29 | 0.2 | 20 | 110 | <0.5 | <2 | 3.36 | <0.5 | 17 | 24 | 25 | 4.93 | 10 | 0.13 | <10 | 1.25 | 973 | <1 | 0.65 | 6 | 670 | <2 | <10 | 237 | 0.31 | <10 | <10 | 158 | <10 | 40 |
| | 36.07 36.22 | (0.15) | <5 | -- | 5.86 | 0.2 | <10 | 130 | <0.5 | <2 | 3.89 | <0.5 | 15 | 21 | 14 | 5.02 | 10 | 0.16 | <10 | 1.00 | 908 | <1 | 0.88 | 6 | 710 | <2 | <10 | 264 | 0.32 | <10 | <10 | 168 | <10 | 40 |
| | 36.44-36.76 | (0.32) | <5 | -- | 6.63 | 0.2 | <10 | 130 | <0.5 | <2 | 4.47 | <0.5 | 16 | 36 | 61 | 4.99 | 20 | 0.13 | <10 | 0.65 | 620 | <1 | 0.83 | 5 | 700 | <2 | <10 | 293 | 0.26 | <10 | <10 | 157 | <10 | 30 |
| | 36.76 38.99 | (2.23) | <5 | -- | 6.74 | 0.2 | <10 | 100 | <0.5 | <2 | 4.39 | <0.5 | 19 | 27 | 83 | 5.02 | 20 | 0.21 | <10 | 1.46 | 896 | <1 | 0.84 | 6 | 680 | <2 | <10 | 244 | 0.32 | <10 | <10 | 157 | <10 | 70 |
| | 41.48-43.76 | (2.08) | <5 | -- | 4.57 | 0.2 | 10 | 60 | <0.5 | <2 | 2.69 | <0.5 | 24 | 30 | 87 | 5.52 | 10 | 0.09 | <10 | 1.74 | 1155 | <1 | 0.54 | 5 | 720 | 2 | 50 | 226 | 0.31 | <10 | <10 | 175 | <10 | 50 |
| | 43.76 44.70 | (0.94) | <5 | -- | 6.08 | 0.2 | <10 | 60 | <0.5 | <2 | 3.73 | 1.5 | 22 | 15 | 60 | 5.65 | 20 | 0.14 | <10 | 1.80 | 1122 | <1 | 0.75 | 6 | 750 | 222 | <10 | 239 | 0.28 | <10 | <10 | 180 | <10 | 280 |
| | 44.70 47.23 | (2.53) | <5 | -- | 4.63 | 0.2 | <10 | 60 | <0.5 | <2 | 3.20 | <0.5 | 22 | 22 | 116 | 5.50 | 10 | 0.12 | <10 | 1.42 | 914 | <1 | 0.47 | 4 | 780 | 4 | <10 | 186 | 0.35 | <10 | <10 | 181 | <10 | 50 |
| DDH 85-2 | 9.45-13.10 | (3.65) | <5 | -- | 6.50 | 0.2 | <10 | 90 | <0.5 | <2 | 3.86 | <0.5 | 26 | 36 | 78 | 5.54 | 20 | 0.06 | <10 | 1.77 | 871 | <1 | 0.73 | 12 | 740 | <2 | <10 | 254 | 0.32 | <10 | <10 | 208 | <10 | 90 |
| | 13.10-15.10 | (2.00) | <5 | -- | 6.38 | 0.2 | <10 | 70 | <0.5 | <2 | 3.96 | <0.5 | 26 | 32 | 85 | 5.13 | 10 | 0.13 | <10 | 2.01 | 776 | <1 | 0.63 | 10 | 700 | 2 | 10 | 247 | 0.28 | <10 | <10 | 184 | <10 | 60 |

Certified by . Hart Bichler...

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CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10335, STOCK EXCHANGE TOWER
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CERT. # : A8514823-001-A
INVOICE # : I8514823
DATE : 27-AUG-85
P.O. # : NONE
SHOW

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

| Sample description | Recovery (m) | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85-1 20.72-21.64 | 54533 (0.92) | 2.39 | 3.4 | >9999 | 60 | <0.5 | <2 | 1.39 | <0.5 | 20 | 100 | 37 | 6.46 | <10 | 0.39 | <10 | 0.17 | 111 | 1 | 0.16 | 53 | 850 | 8 | 40 | 62 | <0.01 | <10 | <10 | 29 | <10 | 90 |
| 21.64-21.95 | 54534 (0.31) | 1.57 | 3.8 | >9999 | 60 | <0.5 | <2 | 0.65 | <0.5 | 23 | 8 | 50 | 6.33 | <10 | 0.50 | <10 | 0.09 | 61 | <1 | 0.07 | 13 | 830 | 10 | 40 | 52 | <0.01 | <10 | <10 | 35 | <10 | 70 |
| 21.95-22.19 | 54535 (0.24) | 1.66 | 2.4 | 5880 | 40 | <0.5 | <2 | 0.83 | <0.5 | 24 | <1 | 52 | 6.96 | <10 | 0.38 | <10 | 0.22 | 115 | <1 | 0.11 | 9 | 830 | <2 | 10 | 58 | <0.01 | <10 | <10 | 38 | <10 | 70 |
| 22.19-23.33 | 54536 (1.14) | 1.25 | 4.8 | 5940 | 40 | <0.5 | 2 | 0.67 | <0.5 | 22 | 1 | 31 | 6.43 | <10 | 0.30 | <10 | 0.08 | 65 | 2 | 0.08 | 10 | 760 | <2 | 20 | 47 | <0.01 | <10 | <10 | 25 | <10 | 80 |
| 25.17-25.39 | 54540 (0.22) | 1.64 | 6.0 | 9999 | 90 | <0.5 | <2 | 2.86 | <0.5 | 14 | 12 | 52 | 5.23 | 10 | 0.27 | <10 | 0.06 | 199 | 2 | 0.13 | 9 | 410 | 26 | 60 | 33 | <0.01 | <10 | <10 | 15 | <10 | 70 |
| 25.39-25.57 | 54541 (0.18) | 1.52 | 4.8 | 9270 | 90 | <0.5 | <2 | 3.57 | <0.5 | 12 | 15 | 22 | 4.69 | 10 | 0.29 | <10 | 0.06 | 249 | <1 | 0.11 | 10 | 460 | 18 | 50 | 27 | <0.01 | <10 | <10 | 16 | <10 | 70 |
| 25.57-25.87 | 54542 (0.30) | 0.98 | 5.2 | >9999 | 60 | <0.5 | <2 | 2.23 | <0.5 | 18 | 15 | 51 | 6.18 | 10 | 0.29 | <10 | 0.08 | 239 | <1 | 0.06 | 10 | 540 | 14 | 60 | 37 | <0.01 | <10 | <10 | 23 | <10 | 80 |
| 25.81-26.19 | 54544 (0.32) | 0.76 | 5.8 | 9270 | 70 | <0.5 | <2 | 2.75 | <0.5 | 12 | 16 | 48 | 4.59 | 10 | 0.23 | <10 | 0.09 | 684 | 2 | 0.03 | 12 | 320 | 12 | 50 | 15 | <0.01 | <10 | <10 | 16 | <10 | 80 |
| 28.65-29.06 | 54546 (0.41) | 2.16 | 1.4 | 3720 | 70 | <0.5 | 2 | 1.83 | <0.5 | 28 | 17 | 75 | 6.34 | 10 | 0.60 | <10 | 0.38 | 596 | 1 | 0.05 | 13 | 620 | 16 | 30 | 39 | <0.01 | <10 | <10 | 63 | <10 | 90 |
| 29.38-29.87 | 54549 (0.49) | 3.04 | 0.2 | 940 | 50 | <0.5 | <2 | 0.88 | <0.5 | 23 | 10 | 72 | 4.96 | 10 | 0.51 | <10 | 0.39 | 150 | 1 | 0.17 | 6 | 650 | 4 | 20 | 40 | <0.01 | <10 | <10 | 56 | <10 | 40 |
| 29.87-30.84 | 54549 (0.97) | 2.25 | 1.4 | 490 | 50 | <0.5 | 2 | 1.09 | <0.5 | 39 | 15 | 495 | 7.50 | 10 | 0.43 | <10 | 0.37 | 331 | 3 | 0.08 | 11 | 690 | 12 | 40 | 46 | <0.01 | <10 | <10 | 64 | <10 | 110 |
| 30.84-31.20 | 54550 (0.36) | 2.13 | 1.4 | 540 | 60 | <0.5 | <2 | 0.75 | <0.5 | 30 | 9 | 206 | 7.06 | 10 | 0.48 | <10 | 0.32 | 162 | 1 | 0.08 | 9 | 690 | 18 | 40 | 48 | <0.01 | <10 | <10 | 55 | <10 | 70 |
| 31.20 32.17 | 54563 (0.97) | 4.51 | 0.8 | 1180 | 50 | <0.5 | <2 | 4.30 | <0.5 | 23 | 11 | 184 | 4.59 | 20 | 0.46 | <10 | 0.78 | 827 | 1 | 0.26 | 6 | 530 | 16 | 20 | 34 | 0.05 | <10 | <10 | 78 | <10 | 70 |
| 32.17 32.27 | 54564 (0.10) | 3.76 | 2.4 | 2290 | 60 | <0.5 | <2 | 5.91 | <0.5 | 19 | 10 | 132 | 5.13 | 20 | 0.52 | <10 | 0.24 | 347 | <1 | 0.25 | 6 | 520 | 8 | 30 | 25 | 0.05 | <10 | <10 | 39 | <10 | 50 |
| 32.27 32.92 | 54565 (0.65) | 1.07 | 3.8 | 8820 | 80 | <0.5 | 2 | 1.27 | <0.5 | 16 | 13 | 56 | 5.10 | 10 | 0.28 | <10 | 0.20 | 284 | 1 | 0.04 | 9 | 390 | 10 | 40 | 24 | <0.01 | <10 | <10 | 29 | <10 | 100 |
| 33.22-33.30 | 54567 (0.08) | 4.44 | 0.2 | 360 | 50 | <0.5 | <2 | 5.86 | <0.5 | 37 | 12 | 62 | 3.71 | 20 | 0.44 | <10 | 1.56 | 1252 | <1 | 0.23 | 12 | 640 | 32 | 30 | 161 | 0.20 | <10 | <10 | 75 | <10 | 70 |
| DDH 85-7 3.66- 6.95 | 54601 (3.29) | 2.66 | 0.2 | 30 | 80 | <0.5 | 2 | 0.79 | <0.5 | 20 | 10 | 59 | 4.72 | <10 | 0.17 | <10 | 1.52 | 614 | 2 | 0.12 | 9 | 670 | 10 | 10 | 49 | 0.04 | <10 | <10 | 70 | <10 | 60 |
| 14.11-14.83 | 54604 (0.72) | 6.13 | 0.2 | 20 | 140 | <0.5 | <2 | 2.97 | <0.5 | 31 | 44 | 66 | 6.19 | 10 | 0.15 | <10 | 2.08 | 1018 | 1 | 0.54 | 20 | 670 | 6 | 20 | 223 | 0.22 | <10 | <10 | 190 | <10 | 140 |
| 19.45-21.00 | 54606 (1.55) | 5.09 | 0.2 | 50 | 70 | <0.5 | 2 | 3.12 | <0.5 | 30 | 32 | 62 | 6.61 | 10 | 0.29 | <10 | 2.25 | 2083 | <1 | 0.29 | 17 | 670 | 16 | 10 | 134 | 0.21 | <10 | 10 | 155 | <10 | 130 |
| 32.30-35.10 | 54610 (2.80) | 6.67 | 0.2 | 20 | 190 | <0.5 | <2 | 3.85 | <0.5 | 29 | 46 | 100 | 6.68 | 10 | 0.20 | <10 | 2.28 | 1490 | <1 | 0.65 | 19 | 670 | 6 | 20 | 242 | 0.30 | <10 | 10 | 209 | <10 | 100 |
| 41.30-43.30 | 54613 (2.00) | 6.39 | 0.2 | 10 | 130 | <0.5 | <2 | 4.19 | <0.5 | 28 | 37 | 114 | 6.17 | 20 | 0.23 | <10 | 2.25 | 1596 | 1 | 0.51 | 19 | 650 | 10 | 20 | 179 | 0.26 | <10 | 10 | 185 | <10 | 220 |
| 43.30-45.30 | 54614 (2.00) | 3.37 | 0.2 | 10 | 100 | <0.5 | 2 | 2.25 | <0.5 | 26 | 23 | 34 | 5.74 | 10 | 0.24 | <10 | 1.29 | 889 | 1 | 0.22 | 17 | 540 | 6 | 10 | 80 | 0.05 | <10 | <10 | 82 | <10 | 50 |
| DDH 85-8 5.59- 7.11 | 54617 (1.52) | 7.32 | 0.2 | <10 | 110 | <0.5 | 2 | 3.46 | <0.5 | 35 | 52 | 94 | 5.63 | 10 | 0.16 | <10 | 2.19 | 1228 | 1 | 0.56 | 27 | 570 | 4 | 10 | 312 | 0.15 | <10 | <10 | 109 | <10 | 80 |
| 7.11- 8.90 | 54618 (1.79) | 3.52 | 0.2 | 60 | 60 | <0.5 | 4 | 0.70 | <0.5 | 45 | 37 | 30 | 8.40 | <10 | 0.20 | <10 | 2.48 | 349 | 2 | 0.08 | 25 | 530 | 18 | 10 | 49 | 0.07 | <10 | <10 | 98 | <10 | 20 |
| 12.70-15.20 | 54621 (2.60) | 5.12 | 0.2 | 20 | 150 | <0.5 | 2 | 1.86 | <0.5 | 35 | 55 | 157 | 6.29 | 10 | 0.14 | <10 | 2.52 | 794 | 1 | 0.33 | 25 | 560 | 10 | 10 | 214 | 0.09 | <10 | <10 | 168 | <10 | 50 |
| 15.20 16.47 | 54622 (1.27) | 4.82 | 0.2 | 20 | 150 | <0.5 | 2 | 2.05 | <0.5 | 32 | 30 | 99 | 5.17 | 10 | 0.14 | <10 | 1.90 | 749 | 1 | 0.39 | 19 | 660 | 6 | 10 | 304 | 0.11 | <10 | <10 | 130 | <10 | 50 |
| 16.47 19.10 | 54623 (2.63) | 5.31 | 0.2 | 30 | 140 | <0.5 | 2 | 1.70 | <0.5 | 36 | 27 | 142 | 6.36 | 10 | 0.21 | <10 | 2.75 | 821 | 1 | 0.21 | 19 | 660 | 20 | 10 | 304 | 0.10 | <10 | <10 | 161 | <10 | 50 |
| 19.10 20.47 | 54624 (1.37) | 4.20 | 0.2 | 60 | 30 | <0.5 | 4 | 1.44 | <0.5 | 39 | 28 | 92 | 8.48 | 10 | 0.24 | <10 | 1.91 | 585 | 8 | 0.09 | 15 | 480 | 54 | 10 | 64 | 0.05 | <10 | <10 | 108 | <10 | 70 |
| 23.66-26.25 | 54626 (2.59) | 4.92 | 0.2 | 20 | 90 | <0.5 | 4 | 1.06 | <0.5 | 35 | 36 | 75 | 6.84 | 10 | 0.19 | <10 | 3.24 | 852 | 1 | 0.11 | 17 | 640 | 16 | 10 | 96 | 0.04 | <10 | <10 | 159 | <10 | 50 |
| 26.25 28.50 | 54627 (2.25) | 3.15 | 0.2 | 40 | 60 | <0.5 | 4 | 0.49 | <0.5 | 32 | 23 | 48 | 6.01 | <10 | 0.18 | <10 | 2.41 | 421 | 2 | 0.05 | 17 | 460 | 62 | 10 | 38 | 0.01 | <10 | <10 | 92 | <10 | 30 |
| 28.50 31.32 | 54628 (2.82) | 4.53 | 0.2 | 40 | 50 | <0.5 | 4 | 1.23 | <0.5 | 31 | 16 | 90 | 6.07 | 10 | 0.26 | <10 | 2.63 | 698 | 2 | 0.10 | 14 | 650 | 26 | 10 | 52 | 0.03 | <10 | <10 | 108 | <10 | 30 |
| 31.32 33.80 | 54629 (2.48) | 5.31 | 0.2 | 30 | 100 | <0.5 | 2 | 1.80 | <0.5 | 27 | 15 | 82 | 5.77 | 10 | 0.37 | <10 | 2.48 | 1300 | 2 | 0.14 | 13 | 720 | 32 | 10 | 129 | 0.07 | <10 | <10 | 115 | <10 | 50 |
| 33.80 37.43 | 54630 (3.63) | 4.31 | 0.2 | 40 | 40 | <0.5 | 4 | 1.24 | <0.5 | 34 | 21 | 90 | 6.56 | 10 | 0.28 | <10 | 2.38 | 1060 | 3 | 0.08 | 16 | 680 | 20 | 10 | 27 | 0.06 | <10 | <10 | 105 | <10 | 50 |
| 37.43 40.85 | 54631 (3.42) | 3.23 | 0.2 | 40 | 40 | <0.5 | 4 | 0.76 | <0.5 | 36 | 28 | 140 | 6.76 | <10 | 0.23 | <10 | 2.82 | 797 | 2 | 0.04 | 22 | 650 | 12 | 10 | 18 | 0.02 | <10 | <10 | 98 | <10 | 30 |
| 40.85 44.00 | 54632 (3.15) | 1.04 | 0.2 | 40 | 20 | <0.5 | 4 | 0.29 | <0.5 | 29 | 19 | 63 | 5.22 | <10 | 0.15 | <10 | 1.93 | 524 | 1 | 0.01 | 18 | 630 | 12 | <10 | 8 | <0.01 | <10 | <10 | 41 | <10 | 20 |
| DDH 85-1 36.22-36.44 | 54657 (0.22) | 5.42 | 0.2 | 60 | 100 | <0.5 | <2 | 4.55 | <0.5 | 16 | 22 | 5 | 5.36 | 20 | 0.25 | <10 | 1.34 | 841 | <1 | 0.69 | 11 | 720 | 4 | 10 | 218 | 0.24 | <10 | <10 | 142 | <10 | 30 |
| DDH 85-5 4.27- 4.85 | 54659 (0.58) | 3.49 | 0.2 | 10 | 260 | <0.5 | 4 | 0.71 | <0.5 | 19 | 16 | 80 | 6.00 | <10 | 0.24 | <10 | 1.89 | 1190 | 2 | 0.12 | 10 | 810 | 10 | 10 | 80 | 0.26 | <10 | <10 | 170 | <10 | 60 |
| 4.85- 5.86 | 54660 (1.01) | 3.05 | 0.2 | 10 | 140 | <0.5 | 4 | 0.59 | <0.5 | 15 | 18 | 49 | 5.40 | <10 | 0.23 | <10 | 1.72 | 843 | 2 | 0.07 | 8 | 760 | 12 | 10 | 64 | 0.25 | <10 | <10 | 151 | <10 | 40 |
| 5.86- 6.66 | 54661 (0.80) | 3.50 | 0.2 | 10 | 130 | <0.5 | 4 | 0.61 | <0.5 | 16 | 17 | 57 | 5.69 | <10 | 0.26 | 10 | 1.90 | 827 | 2 | 0.07 | 8 | 820 | 10 | 10 | 80 | 0.23 | <10 | <10 | 146 | <10 | 40 |
| 6.66-7.68 | 54662 (1.02) | 3.74 | 0.2 | 10 | 250 | <0.5 | 6 | 0.85 | <0.5 | 17 | 17 | 56 | 5.80 | <10 | 0.30 | 10 | 1.96 | 1061 | 2 | 0.09 | 9 | 900 | 10 | 10 | 74 | 0.31 | <10 | <10 | 144 | <10 | 50 |

Certified by .Hart Buchler...

# Chemex Labs L[illegible].

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CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
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VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514022-002-A
INVOICE # : I8514022
DATE : 27-AUG-85
P.O. # : NONE
SHOW

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

| Sample description | Recovery(m) | | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85- 5 7.68- 8.42 | | 54663 | (0.74) | 4.14 | 0.2 | 10 | 430 | <0.5 | 2 | 2.51 | <0.5 | 22 | 18 | 88 | 5.43 | 10 | 0.36 | <10 | 1.85 | 1193 | 2 | 0.14 | 12 | 730 | 10 | 10 | 131 | 0.27 | <10 | <10 | 142 | <10 | 60 | -- | -- |
| 8.42- 8.98 | | 54664 | (0.56) | 4.09 | 0.2 | 10 | 180 | <0.5 | 2 | 2.00 | <0.5 | 23 | 18 | 56 | 6.17 | <10 | 0.42 | <10 | 2.00 | 960 | 2 | 0.09 | 12 | 830 | 14 | 10 | 48 | 0.27 | <10 | <10 | 125 | <10 | 50 | -- | -- |
| 8.98- 9.81 | | 54665 | (0.83) | 3.78 | 0.2 | 20 | 90 | <0.5 | <2 | 1.70 | <0.5 | 21 | 14 | 32 | 5.42 | 10 | 0.40 | <10 | 1.84 | 1007 | 2 | 0.07 | 12 | 800 | 54 | 10 | 33 | 0.23 | <10 | <10 | 109 | <10 | 60 | -- | -- |
| DDH 85-1 39.00-41.68 | | 54667 | (2.68) | 5.52 | 0.2 | 30 | 90 | <0.5 | <2 | 4.60 | <0.5 | 23 | 21 | 42 | 5.06 | 20 | 0.19 | <10 | 1.85 | 1248 | 1 | 0.60 | 12 | 730 | 18 | 20 | 191 | 0.29 | <10 | 10 | 154 | <10 | 70 | -- | -- |
| 47.23-48.16 | | 54671 | (0.93) | 6.50 | 0.2 | 20 | 70 | <0.5 | 2 | 5.68 | <0.5 | 21 | 16 | 117 | 5.43 | 20 | 0.35 | <10 | 1.56 | 1020 | <1 | 0.64 | 8 | 810 | 8 | 20 | 157 | 0.29 | <10 | 10 | 161 | <10 | 60 | -- | -- |
| DDH 85-2 4.27- 9.45 | | 54672 | (5.18) | 3.49 | 0.4 | 30 | 150 | <0.5 | 2 | 2.29 | <0.5 | 21 | 25 | 70 | 4.94 | 10 | 0.19 | <10 | 1.64 | 1192 | <1 | 0.16 | 16 | 720 | 16 | 10 | 87 | 0.23 | <10 | <10 | 141 | <10 | 130 | -- | -- |
| 22.00-23.00 | | 54681 | (1.00) | 4.69 | 0.2 | 30 | 100 | <0.5 | 2 | 3.67 | <0.5 | 26 | 21 | 214 | 5.02 | 10 | 0.20 | <10 | 2.24 | 1058 | 2 | 0.28 | 15 | 620 | 24 | 10 | 152 | 0.24 | <10 | <10 | 165 | <10 | 130 | -- | -- |
| 23.00-23.80 | | 54682 | (0.80) | 4.55 | 0.2 | 30 | 140 | <0.5 | <2 | 3.10 | <0.5 | 26 | 18 | 191 | 5.27 | 10 | 0.24 | <10 | 2.10 | 1425 | 1 | 0.30 | 12 | 590 | 14 | 20 | 133 | 0.25 | <10 | <10 | 158 | <10 | 200 | -- | -- |
| 23.80-25.10 | | 54683 | (1.30) | 3.82 | 0.2 | 20 | 100 | <0.5 | <2 | 3.07 | <0.5 | 19 | 18 | 70 | 5.04 | 10 | 0.19 | <10 | 1.60 | 962 | <1 | 0.28 | 10 | 560 | 12 | 10 | 124 | 0.26 | <10 | <10 | 155 | <10 | 130 | -- | -- |
| 25.10-26.20 | | 54684 | (1.10) | 4.00 | 0.2 | 30 | 190 | <0.5 | <2 | 3.25 | <0.5 | 24 | 18 | 60 | 5.24 | 10 | 0.21 | <10 | 1.87 | 899 | <1 | 0.26 | 10 | 590 | 10 | 10 | 122 | 0.25 | <10 | <10 | 157 | <10 | 70 | -- | -- |
| 26.64-30.04 | | 54686 | (0.40) | 5.88 | 0.2 | 10 | 120 | <0.5 | <2 | 4.32 | <0.5 | 35 | 26 | 93 | 5.03 | 20 | 0.09 | <10 | 1.26 | 567 | 1 | 0.61 | 17 | 820 | 4 | 10 | 287 | 0.15 | <10 | <10 | 139 | <10 | 40 | -- | -- |
| 30.44-31.80 | | 54688 | (1.36) | 2.30 | 0.2 | 10 | 90 | <0.5 | <2 | 1.85 | <0.5 | 10 | 27 | 52 | 3.24 | 10 | 0.20 | <10 | 0.70 | 358 | 1 | 0.11 | 8 | 260 | 8 | <10 | 39 | 0.10 | <10 | <10 | 39 | <10 | 30 | -- | -- |
| 31.80-32.90 | | 54689 | (1.00) | 2.18 | 0.2 | 10 | 120 | <0.5 | <2 | 1.98 | <0.5 | 8 | 19 | 5 | 3.22 | 10 | 0.21 | <10 | 0.68 | 336 | 2 | 0.10 | 8 | 240 | 12 | <10 | 30 | 0.10 | <10 | <10 | 42 | <10 | 30 | -- | -- |
| 32.90-34.14 | | 54690 | (1.24) | 1.96 | 0.2 | 10 | 110 | <0.5 | 2 | 1.69 | <0.5 | 12 | 21 | 21 | 3.50 | 10 | 0.14 | <10 | 0.92 | 490 | 2 | 0.09 | 9 | 270 | 16 | <10 | 34 | 0.15 | <10 | <10 | 59 | <10 | 40 | -- | -- |
| 37.60-37.90 | | 54694 | (0.30) | 6.10 | 0.2 | 40 | 10 | <0.5 | <2 | 3.79 | <0.5 | 50 | 90 | 34 | 7.01 | 10 | 0.28 | <10 | 4.57 | 2132 | <1 | 0.13 | 28 | 750 | 36 | 20 | 160 | 0.35 | <10 | <10 | 164 | <10 | 230 | -- | -- |
| 37.90-40.63 | | 54697 | (2.73) | 6.10 | 0.2 | 20 | 90 | <0.5 | <2 | 4.91 | <0.5 | 24 | 32 | 68 | 5.49 | 20 | 0.45 | <10 | 1.95 | 1120 | <1 | 0.42 | 16 | 690 | 18 | 10 | 252 | 0.27 | <10 | <10 | 171 | <10 | 90 | -- | -- |
| 44.60-45.70 | | 54699 | (1.10) | 4.46 | 0.2 | 30 | 70 | <0.5 | 2 | 6.71 | <0.5 | 22 | 21 | 98 | 6.26 | 20 | 0.35 | <10 | 1.87 | 1169 | 1 | 0.23 | 16 | 690 | 40 | 10 | 70 | 0.29 | <10 | <10 | 159 | <10 | 70 | -- | -- |
| DDH 85-5 9.81-10.75 | | 54701 | (1.00) | 3.63 | 0.2 | 20 | 70 | <0.5 | 6 | 1.93 | <0.5 | 25 | 15 | 79 | 5.25 | <10 | 0.40 | <10 | 1.71 | 730 | 1 | 0.06 | 11 | 710 | 10 | 10 | 36 | 0.21 | <10 | <10 | 105 | <10 | 40 | -- | -- |
| 10.75-11.25 | | 54702 | (0.50) | 3.41 | 0.2 | 10 | 60 | <0.5 | 4 | 1.96 | <0.5 | 23 | 15 | 15 | 5.21 | <10 | 0.38 | <10 | 1.64 | 741 | <1 | 0.05 | 11 | 760 | 8 | 10 | 21 | 0.23 | <10 | <10 | 87 | <10 | 40 | -- | -- |
| 11.25-12.25 | | 54703 | (1.00) | 4.23 | 0.2 | 10 | 210 | <0.5 | 6 | 2.09 | <0.5 | 27 | 17 | 74 | 6.39 | 10 | 0.39 | <10 | 2.25 | 1448 | 2 | 0.14 | 14 | 850 | 16 | 10 | 105 | 0.24 | <10 | <10 | 138 | <10 | 110 | -- | -- |
| 12.25-13.50 | | 54704 | (1.25) | 3.64 | 0.2 | 20 | 90 | <0.5 | 2 | 2.20 | <0.5 | 22 | 20 | 139 | 5.44 | 10 | 0.34 | <10 | 2.11 | 1459 | 3 | 0.05 | 12 | 790 | 18 | 10 | 32 | 0.13 | <10 | <10 | 108 | <10 | 230 | -- | -- |
| 13.50-14.50 | | 54705 | (1.00) | 3.66 | 0.2 | 20 | 200 | <0.5 | 4 | 2.60 | <0.5 | 25 | 15 | 37 | 5.50 | 10 | 0.39 | <10 | 1.79 | 1223 | 2 | 0.09 | 12 | 740 | 12 | 10 | 86 | 0.18 | <10 | <10 | 110 | <10 | 90 | -- | -- |
| 14.50-15.10 | | 54706 | (0.60) | 2.30 | 0.2 | 20 | 180 | <0.5 | 8 | 1.78 | <0.5 | 25 | 16 | 142 | 5.58 | <10 | 0.30 | <10 | 1.79 | 1037 | 1 | 0.11 | 11 | 710 | 12 | 10 | 78 | 0.24 | <10 | <10 | 123 | <10 | 60 | -- | -- |
| 15.10-18.59 | | 54707 | (3.49) | 4.20 | 0.2 | 30 | 400 | <0.5 | 4 | 2.55 | <0.5 | 26 | 23 | 56 | 5.93 | 10 | 0.33 | <10 | 2.07 | 1612 | 2 | 0.27 | 13 | 800 | 14 | 10 | 160 | 0.29 | <10 | <10 | 167 | <10 | 120 | -- | -- |
| 18.59-19.80 | | 54708 | (1.21) | 3.83 | 0.2 | 30 | 290 | <0.5 | 4 | 2.76 | <0.5 | 25 | 19 | 93 | 5.19 | 10 | 0.29 | <10 | 1.81 | 1436 | 1 | 0.23 | 13 | 700 | 16 | 10 | 146 | 0.16 | <10 | <10 | 124 | <10 | 100 | -- | -- |
| 19.80-20.95 | | 54709 | (1.15) | 3.95 | 0.2 | 30 | 210 | <0.5 | 2 | 3.17 | <0.5 | 20 | 20 | 13 | 4.45 | 10 | 0.29 | <10 | 1.78 | 1285 | 2 | 0.23 | 13 | 710 | 10 | 10 | 121 | 0.25 | <10 | <10 | 125 | <10 | 80 | -- | -- |
| 20.95-23.32 | | 54710 | (2.81) | 3.46 | 0.2 | 20 | 300 | <0.5 | <2 | 2.37 | <0.5 | 20 | 17 | 37 | 5.33 | 10 | 0.33 | <10 | 2.07 | 1067 | 2 | 0.14 | 11 | 780 | 10 | 10 | 106 | 0.29 | <10 | <10 | 147 | <10 | 70 | -- | -- |
| 23.32-24.22 | | 54711 | (0.90) | 3.50 | 0.2 | 10 | 230 | <0.5 | <2 | 2.04 | <0.5 | 30 | 20 | 63 | 5.38 | <10 | 0.31 | <10 | 2.12 | 821 | 1 | 0.12 | 13 | 850 | 16 | 10 | 85 | 0.33 | <10 | <10 | 160 | <10 | 60 | -- | -- |
| 24.22-25.62 | | 54712 | (1.40) | 4.07 | 0.2 | 20 | 410 | <0.5 | <2 | 2.50 | <0.5 | 19 | 19 | 100 | 5.09 | <10 | 0.29 | <10 | 2.10 | 1084 | <1 | 0.18 | 12 | 840 | 22 | 10 | 153 | 0.32 | <10 | <10 | 159 | <10 | 80 | -- | -- |
| 25.62-28.37 | | 54713 | (2.75) | 5.07 | 0.2 | 100 | 320 | <0.5 | <2 | 4.05 | <0.5 | 25 | 17 | 66 | 5.27 | 10 | 0.29 | <10 | 1.91 | 1741 | 1 | 0.29 | 11 | 810 | 16 | 20 | 222 | 0.24 | <10 | <10 | 132 | <10 | 250 | -- | -- |
| 28.37-29.37 | | 54714 | (1.00) | 5.22 | 0.2 | 30 | 260 | <0.5 | <2 | 2.67 | <0.5 | 33 | 15 | 67 | 6.11 | 10 | 0.37 | <10 | 2.34 | 2394 | 2 | 0.30 | 12 | 800 | 14 | 20 | 219 | 0.31 | <10 | <10 | 160 | <10 | 290 | -- | -- |
| 29.37-30.47 | | 54715 | (1.10) | 3.17 | 0.2 | 20 | 90 | <0.5 | 2 | 1.77 | 0.5 | 26 | 16 | 55 | 5.66 | <10 | 0.34 | <10 | 1.63 | 1678 | 3 | 0.04 | 11 | 660 | 18 | 10 | 35 | 0.19 | <10 | <10 | 86 | <10 | 300 | -- | -- |
| 30.47-31.60 | | 54716 | (1.13) | 4.86 | 0.2 | <10 | 230 | <0.5 | <2 | 2.93 | <0.5 | 24 | 11 | 89 | 5.87 | <10 | 0.36 | <10 | 2.04 | 2140 | 2 | 0.31 | 11 | 720 | <2 | <10 | 168 | 0.28 | <10 | <10 | 127 | 10 | 220 | -- | -- |
| 31.60-33.00 | | 54717 | (1.40) | 5.85 | 0.2 | <10 | 340 | <0.5 | <2 | 3.89 | <0.5 | 18 | 13 | 97 | 5.32 | 10 | 0.29 | <10 | 2.10 | 2133 | 2 | 0.43 | 11 | 840 | <2 | <10 | 225 | 0.32 | <10 | <10 | 154 | <10 | 210 | -- | -- |
| 33.00-34.75 | | 54718 | (1.75) | 5.65 | 0.2 | <10 | 150 | <0.5 | <2 | 3.39 | 0.5 | 24 | 17 | 90 | 5.66 | 10 | 0.23 | <10 | 2.04 | 2276 | 3 | 0.51 | 12 | 800 | <2 | <10 | 222 | 0.34 | <10 | <10 | 163 | <10 | 320 | -- | -- |
| 34.75-35.30 | | 54719 | (0.55) | 5.47 | 0.2 | <10 | 220 | <0.5 | <2 | 3.36 | 0.5 | 21 | 15 | 85 | 5.34 | 10 | 0.20 | <10 | 2.04 | 1877 | 2 | 0.61 | 11 | 770 | <2 | <10 | 246 | 0.34 | <10 | <10 | 158 | <10 | 330 | -- | -- |
| 35.30-37.10 | | 54720 | (1.80) | 4.74 | 0.2 | <10 | 240 | <0.5 | <2 | 3.00 | 2.0 | 26 | 16 | 118 | 5.86 | <10 | 0.38 | <10 | 2.11 | 1632 | 1 | 0.30 | 10 | 780 | <2 | 10 | 133 | 0.38 | <10 | <10 | 172 | <10 | 510 | -- | -- |
| 37.10-39.00 | | 54721 | (1.90) | 4.98 | 0.2 | <10 | 200 | <0.5 | 12 | 3.01 | <0.5 | 20 | 21 | 71 | 5.46 | <10 | 0.35 | <10 | 2.21 | 2177 | 2 | 0.31 | 10 | 770 | <2 | <10 | 123 | 0.37 | <10 | <10 | 156 | <10 | 220 | -- | -- |
| 39.00-40.50 | | 54722 | (1.50) | 5.78 | 0.2 | <10 | 170 | <0.5 | <2 | 3.37 | 2.0 | 26 | 15 | 170 | 5.45 | 10 | 0.59 | <10 | 2.16 | 2255 | 1 | 0.32 | 13 | 580 | <2 | <10 | 153 | 0.31 | <10 | <10 | 171 | <10 | 530 | -- | -- |
| 40.50-42.00 | | 54723 | (1.50) | 5.53 | 0.2 | <10 | 170 | <0.5 | 2 | 3.60 | 4.5 | 28 | 17 | 161 | 6.43 | 10 | 0.52 | <10 | 2.49 | 2198 | 1 | 0.27 | 15 | 530 | 6 | 10 | 109 | 0.33 | <10 | <10 | 229 | <10 | 600 | -- | -- |

Certified by .....

# Chemex Labs L[illegible].

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## CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10335, STOCK EXCHANGE TOWER
SIE 1650 - 609 GRANVILLE ST.
VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514433-001-A
INVOICE # : I8514433
DATE : 15-AUG-85
P.O. # : NONE

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: M. SERACK

| Sample description | | Recovery (m) | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85-1 | 5.45- 7.45 | 54502 | (2.00) | 2.10 | 4.6 | >9999 | 80 | <0.5 | <2 | 1.58 | <0.5 | 14 | 11 | 19 | 4.60 | <10 | 0.65 | 10 | 0.21 | 448 | <1 | 0.01 | 7 | 440 | 12 | 60 | 19 | <0.01 | <10 | <10 | 47 | <10 | 30 | — | — |
| | 7.45- 8.45 | 54503 | (1.00) | 2.64 | 1.6 | 7910 | 180 | <0.5 | <2 | 4.12 | <0.5 | 18 | 8 | 9 | 4.86 | 10 | 0.67 | <10 | 0.59 | 1017 | <1 | 0.04 | 6 | 490 | 4 | 70 | 23 | <0.01 | <10 | <10 | 84 | <10 | 30 | — | — |
| | 12.75-13.25 | 54506 | (0.50) | 2.62 | 1.4 | 8920 | 150 | <0.5 | <2 | 3.53 | <0.5 | 13 | 8 | 14 | 3.78 | 10 | 0.90 | <10 | 0.32 | 704 | <1 | <0.01 | 5 | 390 | 6 | 40 | 24 | <0.01 | <10 | <10 | 56 | <10 | 30 | — | — |
| | 13.25-15.05 | 54507 | (1.80) | 2.46 | 0.4 | 2080 | 280 | <0.5 | 2 | 3.53 | <0.5 | 15 | 13 | 17 | 4.60 | 10 | 0.43 | <10 | 1.02 | 905 | <1 | 0.10 | 7 | 500 | 6 | 20 | 56 | 0.03 | <10 | <10 | 111 | <10 | 30 | — | — |
| | 16.65-17.25 | 54509 | (0.60) | 2.80 | 2.6 | 9690 | 40 | <0.5 | <2 | 4.04 | <0.5 | 12 | 6 | 14 | 3.77 | 10 | 1.01 | <10 | 0.30 | 1130 | <1 | <0.01 | 4 | 420 | 18 | 50 | 21 | <0.01 | <10 | <10 | 58 | <10 | 50 | — | — |
| | 17.25-19.23 | 54510 | (1.98) | 2.45 | 1.4 | 6660 | 220 | <0.5 | <2 | 3.49 | <0.5 | 14 | 9 | 13 | 4.43 | 10 | 0.60 | <10 | 0.66 | 1055 | <1 | 0.06 | 6 | 450 | 10 | 50 | 41 | <0.01 | <10 | <10 | 85 | <10 | 50 | — | — |
| | 32.42-33.63 | 54517 | (1.21) | 2.09 | 0.2 | 30 | 120 | <0.5 | <2 | 4.41 | <0.5 | 14 | 7 | 21 | 3.83 | 10 | 0.31 | <10 | 0.47 | 789 | <1 | 0.08 | 4 | 480 | 4 | <10 | 29 | <0.01 | <10 | <10 | 85 | <10 | 20 | — | — |
| | 33.63-35.74 | 54518 | (2.11) | 2.28 | 0.4 | 270 | 350 | <0.5 | <2 | 5.23 | <0.5 | 17 | 6 | 41 | 3.84 | 10 | 0.53 | <10 | 0.42 | 839 | <1 | 0.01 | 5 | 530 | 8 | 10 | 29 | <0.01 | <10 | <10 | 64 | <10 | 30 | — | — |
| | | 54853 | | 3.57 | 0.4 | 20 | 80 | <0.5 | 4 | 0.12 | <0.5 | 16 | 12 | 20 | 7.09 | <10 | 0.26 | <10 | 2.58 | 1416 | <1 | 0.03 | 7 | 660 | 10 | 10 | 8 | 0.03 | <10 | <10 | 109 | <10 | 110 | — | — |
| | | 54854 | | 3.26 | 0.6 | 20 | 100 | <0.5 | <2 | 0.94 | <0.5 | 29 | 30 | 199 | 9.65 | <10 | 0.55 | <10 | 0.94 | 859 | <1 | 0.07 | 38 | 400 | 8 | <10 | 21 | 0.19 | <10 | <10 | 145 | <10 | 50 | — | — |
| | | 54855 | | 2.05 | 0.6 | 20 | 100 | <0.5 | 2 | 0.14 | <0.5 | 7 | 14 | 35 | 4.83 | <10 | 0.27 | <10 | 1.53 | 759 | 2 | 0.01 | 6 | 660 | 8 | <10 | 4 | 0.05 | <10 | <10 | 87 | <10 | 90 | — | — |
| | | 54856 | | 4.25 | 0.6 | 30 | 1000 | <0.5 | 4 | 0.69 | <0.5 | 5 | 28 | 76 | 6.30 | <10 | 0.19 | 10 | 1.52 | 790 | 2 | 0.08 | 7 | 510 | 4 | 10 | 155 | 0.16 | <10 | <10 | 132 | <10 | 50 | — | — |
| | | 54857 | | 3.68 | 0.4 | 30 | 390 | <0.5 | 2 | 1.19 | <0.5 | 9 | 22 | 42 | 5.52 | <10 | 0.39 | 10 | 1.43 | 380 | 6 | 0.08 | 7 | 690 | 4 | 10 | 62 | 0.17 | <10 | <10 | 114 | <10 | 40 | — | — |
| | | 54858 | | 1.01 | 0.2 | 40 | 180 | <0.5 | 2 | 0.12 | <0.5 | 2 | 4 | 51 | 3.86 | <10 | 0.18 | <10 | 0.60 | 200 | 13 | 0.02 | 3 | 200 | 2 | <10 | 8 | 0.09 | <10 | <10 | 44 | <10 | 20 | — | — |
| | | 54859 | | 3.29 | 0.6 | 50 | 350 | <0.5 | 2 | 1.64 | <0.5 | 3 | 10 | 88 | 5.48 | <10 | 0.45 | <10 | 0.52 | 306 | 17 | 0.09 | 3 | 260 | 6 | 10 | 27 | 0.15 | <10 | <10 | 49 | <10 | 30 | — | — |
| | | 54860 | | 7.01 | 0.8 | 70 | 270 | <0.5 | 2 | 3.33 | <0.5 | 12 | 24 | 102 | 5.24 | 10 | 0.93 | <10 | 1.83 | 1031 | 2 | 0.24 | 10 | 660 | 4 | 20 | 102 | 0.26 | <10 | <10 | 118 | <10 | 80 | — | — |
| | | 54861 | | 4.88 | 0.4 | 20 | 490 | <0.5 | <2 | 2.71 | <0.5 | 5 | 4 | 52 | 3.78 | 10 | 0.63 | <10 | 0.75 | 633 | <1 | 0.14 | 2 | 550 | 4 | 10 | 72 | 0.14 | <10 | <10 | 55 | <10 | 30 | — | — |
| | | 54862 | | 1.27 | 0.2 | 10 | 250 | <0.5 | <2 | 0.54 | <0.5 | 4 | 8 | 22 | 2.15 | <10 | 0.29 | <10 | 0.29 | 224 | 9 | 0.03 | 4 | 280 | 2 | <10 | 23 | 0.06 | <10 | <10 | 23 | <10 | 10 | — | — |
| | | 54863 | | 3.56 | 0.2 | 30 | 160 | <0.5 | 2 | 0.86 | <0.5 | 17 | 11 | 47 | 4.91 | <10 | 0.41 | 10 | 2.02 | 923 | 7 | 0.09 | 7 | 520 | 10 | 10 | 21 | 0.14 | <10 | <10 | 73 | <10 | 110 | — | — |
| | | 54864 | | 7.15 | 0.4 | 30 | 70 | <0.5 | 2 | 3.34 | <0.5 | 78 | 26 | 156 | 4.36 | 10 | 0.74 | <10 | 1.55 | 1988 | <1 | 0.35 | 18 | 380 | 8 | 20 | 158 | 0.22 | <10 | <10 | 152 | <10 | 120 | — | — |
| | | 54865 | | 3.00 | 0.4 | 20 | 180 | <0.5 | 2 | 0.13 | <0.5 | 20 | 14 | 61 | 8.63 | <10 | 0.50 | <10 | 1.54 | 966 | <1 | 0.05 | 16 | 430 | 6 | <10 | 118 | 0.02 | <10 | <10 | 92 | <10 | 60 | — | — |
| | | 54866 | | 0.78 | 0.2 | <10 | 70 | <0.5 | <2 | 0.03 | <0.5 | 6 | 2 | 12 | 3.79 | <10 | 0.25 | <10 | 0.05 | 148 | 3 | 0.01 | 3 | 460 | 4 | <10 | 6 | <0.01 | <10 | <10 | 16 | <10 | 10 | — | — |
| | | 54867 | | 2.98 | 0.4 | 20 | 720 | <0.5 | 2 | 0.83 | <0.5 | 10 | 31 | 49 | 4.87 | <10 | 0.22 | 10 | 2.07 | 923 | 2 | 0.09 | 9 | 790 | 2 | 10 | 132 | 0.33 | <10 | <10 | 169 | <10 | 80 | — | — |
| | | 54868 | | 3.51 | 0.2 | 20 | 490 | <0.5 | 2 | 1.49 | <0.5 | 3 | 11 | 19 | 3.57 | 10 | 0.36 | <10 | 0.82 | 399 | 1 | 0.10 | 3 | 270 | 2 | <10 | 78 | 0.12 | <10 | <10 | 65 | <10 | 30 | — | — |
| | | 54869 | | 2.00 | 0.2 | 20 | 190 | <0.5 | <2 | 0.35 | <0.5 | 3 | 5 | 54 | 3.56 | <10 | 0.29 | <10 | 0.66 | 481 | 3 | 0.03 | 3 | 430 | 6 | <10 | 26 | <0.01 | <10 | <10 | 55 | <10 | 40 | — | — |
| | | 54870 | | 1.77 | 0.4 | 10 | 130 | <0.5 | <2 | 1.07 | <0.5 | 3 | 12 | 43 | 2.65 | <10 | 0.16 | 10 | 0.54 | 539 | 3 | 0.06 | 6 | 320 | 4 | <10 | 46 | 0.16 | <10 | <10 | 42 | <10 | 30 | — | — |
| | | 54871 | | 4.63 | 0.4 | 20 | 820 | <0.5 | <2 | 1.85 | <0.5 | 17 | 37 | 47 | 5.63 | <10 | 0.22 | 10 | 1.97 | 569 | <1 | 0.44 | 17 | 680 | 4 | 10 | 327 | 0.37 | <10 | <10 | 196 | <10 | 40 | — | — |
| | | 54872 | | 0.24 | 0.2 | <10 | 10 | <0.5 | <2 | 0.61 | <0.5 | 2 | 19 | 40 | 0.79 | <10 | 0.03 | <10 | 0.04 | 72 | 1 | 0.08 | 8 | 60 | <2 | <10 | 4 | 0.28 | <10 | <10 | 15 | <10 | <10 | — | — |
| | | 54873 | | 3.60 | 0.4 | 20 | 80 | <0.5 | 2 | 0.65 | <0.5 | 22 | 4 | 75 | 5.84 | <10 | 0.44 | 10 | 2.62 | 2016 | <1 | 0.27 | 8 | 690 | 6 | 10 | 35 | 0.01 | <10 | <10 | 99 | <10 | 80 | — | — |
| | | 54874 | | 1.84 | 0.2 | 20 | 50 | <0.5 | <2 | 1.07 | <0.5 | 22 | 7 | 86 | 6.14 | <10 | 0.29 | 10 | 1.81 | 972 | 8 | 0.13 | 11 | 580 | 8 | <10 | 3 | 0.08 | <10 | <10 | 67 | <10 | 50 | — | — |
| | | 54875 | | 3.63 | 0.2 | 20 | 70 | <0.5 | 2 | 0.77 | <0.5 | 22 | 4 | 81 | 6.02 | <10 | 0.48 | 10 | 2.26 | 1538 | <1 | 0.37 | 7 | 650 | 6 | 10 | 16 | 0.07 | <10 | <10 | 113 | <10 | 80 | — | — |
| | | 54876 | | 9.12 | 0.6 | 20 | 100 | <0.5 | <2 | 7.37 | <0.5 | 7 | <1 | 32 | 1.75 | 20 | 1.69 | <10 | 0.53 | 432 | <1 | 1.32 | 1 | 270 | <2 | 10 | 25 | 0.11 | <10 | <10 | 54 | <10 | 30 | — | — |
| | | 54877 | | 2.76 | 0.2 | 20 | 110 | <0.5 | <2 | 0.69 | <0.5 | 13 | 9 | 34 | 4.07 | <10 | 0.73 | 10 | 1.90 | 1079 | <1 | 0.16 | 7 | 680 | 4 | <10 | 11 | 0.05 | <10 | <10 | 60 | <10 | 30 | — | — |
| | | 54878 | | 2.07 | 0.4 | 10 | 80 | <0.5 | <2 | 0.19 | <0.5 | 15 | 3 | 48 | 4.66 | <10 | 0.66 | 10 | 0.66 | 521 | 1 | 0.22 | 7 | 660 | 6 | <10 | 13 | <0.01 | <10 | <10 | 23 | <10 | 70 | — | — |
| | | 54879 | | 1.96 | 0.4 | 10 | 70 | <0.5 | <2 | 0.28 | <0.5 | 12 | 5 | 34 | 4.34 | <10 | 0.76 | 10 | 0.47 | 246 | 1 | 0.16 | 7 | 540 | 6 | <10 | 9 | <0.01 | <10 | <10 | 28 | <10 | 10 | — | — |
| | | 54880 | | 1.53 | 0.4 | 10 | 200 | <0.5 | <2 | 0.62 | <0.5 | 7 | 4 | 30 | 4.03 | <10 | 0.57 | 10 | 0.36 | 370 | 1 | 0.20 | 3 | 730 | 10 | <10 | 86 | 0.27 | <10 | <10 | 41 | <10 | 20 | — | — |
| | | 54881 | | 1.81 | 0.4 | 10 | 90 | <0.5 | 2 | 1.59 | <0.5 | 14 | 13 | 65 | 4.17 | <10 | 0.44 | 10 | 1.16 | 592 | <1 | 0.21 | 9 | 610 | 6 | <10 | 10 | 0.02 | <10 | <10 | 43 | <10 | 20 | — | — |

Certified by .....

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Telex: 043-52597

*Analytical Chemists* *Geochemists* *Registered Assayers*

## CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10335, STOCK EXCHANGE TOWER
STE 1650 - 609 GRANVILLE ST.
VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514434-001-A
INVOICE # : I8514434
DATE : 15-AUG-85
P.O. # : NONE

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: M. SERACK

| Sample description | | Au ppb FA+AA Recovery (a) | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85-3 0.00- 5.45 | 54501 | (5.45) | <5 | 1.92 | 0.4 | 180 | 100 | <0.5 | 2 | 2.10 | <0.5 | 13 | 75 | 16 | 4.49 | <10 | 0.14 | 10 | 0.85 | 686 | <1 | 0.15 | 4 | 480 | 8 | 10 | 38 | 0.09 | <10 | <10 | 123 | <10 | 30 | — |
| 8.45-11.45 | 54504 | (3.00) | <5 | 2.09 | 0.4 | 40 | 190 | <0.5 | 2 | 2.52 | <0.5 | 14 | 132 | 10 | 4.23 | 10 | 0.16 | 10 | 1.34 | 844 | <1 | 0.13 | 6 | 460 | 8 | 10 | 48 | 0.12 | <10 | <10 | 125 | <10 | 40 | — |
| 11.45-12.75 | 54505 | (1.30) | <5 | 1.84 | 0.4 | 30 | 280 | <0.5 | 2 | 2.44 | <0.5 | 12 | 74 | 15 | 3.58 | 10 | 0.15 | 10 | 1.30 | 832 | <1 | 0.06 | 4 | 430 | 4 | 10 | 45 | 0.07 | <10 | <10 | 101 | <10 | 30 | — |
| 15.05-16.65 | 54508 | (1.60) | <5 | 1.93 | 0.4 | 20 | 130 | <0.5 | <2 | 2.37 | <0.5 | 12 | 133 | 11 | 4.28 | <10 | 0.15 | 10 | 1.23 | 806 | <1 | 0.15 | 6 | 450 | 4 | 10 | 52 | 0.13 | <10 | <10 | 131 | <10 | 30 | — |
| 19.23-22.25 | 54511 | (3.02) | <5 | 1.73 | 0.4 | 110 | 40 | <0.5 | 2 | 1.52 | <0.5 | 13 | 125 | 18 | 4.24 | <10 | 0.10 | 10 | 1.12 | 617 | <1 | 0.18 | 5 | 470 | 6 | <10 | 46 | 0.17 | <10 | <10 | 135 | <10 | 30 | — |
| 22.25-25.40 | 54512 | (3.15) | <5 | 2.22 | 0.4 | 60 | 30 | <0.5 | <2 | 1.32 | <0.5 | 13 | 111 | 41 | 4.30 | <10 | 0.15 | 10 | 1.07 | 570 | 2 | 0.36 | 5 | 500 | 4 | 10 | 53 | 0.18 | <10 | <10 | 140 | <10 | 30 | — |
| 25.40 26.10 | 54513 | (0.70) | <5 | 1.89 | 0.2 | 30 | 40 | <0.5 | 2 | 1.21 | <0.5 | 12 | 121 | 40 | 4.16 | <10 | 0.11 | 10 | 0.99 | 594 | 1 | 0.24 | 4 | 470 | 4 | <10 | 54 | 0.18 | <10 | <10 | 133 | <10 | 70 | — |
| 26.10 28.10 | 54514 | (2.00) | <5 | 2.35 | 0.4 | 30 | 100 | <0.5 | 2 | 2.31 | <0.5 | 14 | 159 | 45 | 4.37 | <10 | 0.18 | 10 | 1.24 | 748 | <1 | 0.30 | 6 | 440 | 8 | 10 | 85 | 0.15 | <10 | <10 | 130 | <10 | 90 | — |
| 28.10 30.71 | 54515 | (2.61) | <5 | 2.15 | 0.8 | 30 | 50 | <0.5 | 2 | 1.70 | <0.5 | 13 | 80 | 23 | 4.50 | <10 | 0.09 | 10 | 1.41 | 706 | <1 | 0.20 | 4 | 490 | 18 | 10 | 56 | 0.20 | <10 | <10 | 139 | <10 | 40 | — |
| 30.71 32.42 | 54516 | (1.71) | <5 | 2.39 | 0.4 | 20 | 140 | <0.5 | <2 | 2.31 | <0.5 | 14 | 125 | 21 | 4.86 | <10 | 0.12 | 10 | 1.16 | 587 | <1 | 0.27 | 6 | 480 | 6 | 10 | 63 | 0.18 | <10 | <10 | 144 | <10 | 20 | — |
| 35.74-36.22 | 54519 | (0.48) | <5 | 2.18 | 0.4 | 110 | 170 | <0.5 | 2 | 2.94 | <0.5 | 14 | 100 | 12 | 4.76 | 10 | 0.13 | <10 | 1.18 | 609 | <1 | 0.21 | 4 | 490 | 6 | 10 | 57 | 0.12 | <10 | <10 | 143 | <10 | 30 | — |
| 36.22 40.28 | 54520 | (4.06) | <5 | 2.01 | 0.4 | 100 | 50 | <0.5 | 2 | 2.07 | <0.5 | 15 | 129 | 16 | 4.66 | <10 | 0.13 | 10 | 1.17 | 592 | <1 | 0.23 | 7 | 490 | 6 | 10 | 60 | 0.17 | <10 | <10 | 141 | <10 | 20 | — |
| 40.28 43.08 | 54521 | (2.80) | <5 | 1.69 | 0.4 | 80 | 70 | <0.5 | 2 | 1.17 | <0.5 | 12 | 113 | 20 | 4.01 | <10 | 0.10 | 10 | 0.94 | 500 | <1 | 0.20 | 4 | 450 | 2 | 10 | 50 | 0.17 | <10 | <10 | 127 | <10 | 20 | — |
| 43.08 46.33 | 54522 | (3.75) | <5 | 2.25 | 0.4 | 30 | 50 | <0.5 | 2 | 2.60 | <0.5 | 16 | 131 | 15 | 4.80 | 10 | 0.16 | 10 | 1.38 | 782 | <1 | 0.21 | 5 | 500 | 8 | 10 | 69 | 0.17 | <10 | <10 | 144 | <10 | 30 | — |
| 6.40- 8.95 | 54523 | (2.30) | <5 | 2.14 | 0.2 | 10 | 110 | <0.5 | 2 | 2.66 | <0.5 | 15 | 70 | 61 | 4.49 | 10 | 0.11 | <10 | 1.19 | 708 | 1 | 0.20 | 6 | 500 | 8 | 10 | 50 | 0.07 | <10 | <10 | 139 | <10 | 30 | — |
| DDH 85-1 0.00- 5.35 | 54524 | (5.35) | <5 | 4.17 | 0.2 | 30 | 340 | <0.5 | 4 | 1.84 | <0.5 | 21 | 69 | 81 | 5.60 | 10 | 0.48 | 10 | 1.58 | 923 | 3 | 0.40 | 15 | 770 | 10 | 20 | 131 | 0.17 | <10 | <10 | 142 | <10 | 50 | — |
| DDH 85-4 0.00- 4.12 | 54551 | (4.12) | <5 | 2.94 | 0.2 | 30 | 290 | <0.5 | 4 | 4.41 | <0.5 | 17 | 146 | 76 | 4.56 | 20 | 0.47 | <10 | 1.19 | 965 | 2 | 0.08 | 8 | 520 | 18 | 20 | 28 | <0.01 | 10 | 30 | 120 | <10 | 40 | — |
| 5.10- 6.40 | 54552 | (1.30) | <5 | 2.40 | 0.2 | 20 | 90 | <0.5 | <2 | 2.61 | <0.5 | 14 | 103 | 61 | 4.48 | 10 | 0.14 | 10 | 1.25 | 812 | 1 | 0.21 | 6 | 480 | 8 | <10 | 49 | 0.08 | <10 | <10 | 138 | <10 | 40 | — |
| 8.75-11.65 | 54553 | (2.90) | <5 | 1.93 | 0.2 | 10 | 760 | <0.5 | <2 | 4.18 | <0.5 | 15 | 45 | 55 | 3.99 | 10 | 0.19 | <10 | 1.01 | 868 | 1 | 0.07 | 5 | 450 | 6 | <10 | 40 | <0.01 | <10 | <10 | 112 | <10 | 30 | — |
| 11.65-13.85 | 54554 | (2.20) | <5 | 1.80 | 0.2 | 10 | 410 | <0.5 | <2 | 4.07 | <0.5 | 14 | 37 | 50 | 3.88 | 10 | 0.18 | <10 | 1.11 | 854 | 1 | 0.04 | 4 | 440 | 4 | <10 | 44 | <0.01 | <10 | <10 | 109 | <10 | 20 | — |
| 19.25-19.75 | 54555 | (0.50) | <5 | 2.44 | 0.4 | 10 | 190 | <0.5 | <2 | 2.34 | <0.5 | 14 | 149 | 79 | 4.34 | 10 | 0.17 | 10 | 1.42 | 772 | 2 | 0.22 | 6 | 430 | 8 | <10 | 58 | 0.06 | <10 | <10 | 126 | <10 | 30 | — |
| 21.75-23.32 | 54556 | (1.57) | <5 | 2.58 | 0.4 | 10 | 80 | <0.5 | <2 | 3.17 | <0.5 | 16 | 96 | 65 | 4.88 | 10 | 0.21 | <10 | 1.75 | 981 | <1 | 0.12 | 6 | 500 | 6 | 10 | 40 | <0.01 | <10 | <10 | 132 | <10 | 30 | — |
| 26.00-27.58 | 54557 | (1.58) | <5 | 2.34 | 0.4 | 20 | 90 | <0.5 | <2 | 3.10 | <0.5 | 14 | 63 | 39 | 4.66 | 10 | 0.25 | <10 | 1.57 | 815 | <1 | 0.10 | 4 | 480 | 4 | 10 | 41 | 0.02 | <10 | <10 | 131 | <10 | 30 | — |
| 44.85-46.33 | 54560 | (1.48) | <5 | 1.88 | 0.2 | 30 | 70 | <0.5 | <2 | 1.42 | <0.5 | 13 | 120 | 76 | 4.36 | <10 | 0.12 | 10 | 1.00 | 606 | 1 | 0.26 | 4 | 490 | 2 | <10 | 57 | 0.22 | <10 | <10 | 141 | <10 | 20 | — |
| 14.25-16.15 | 54561 | (1.90) | <5 | 2.28 | 0.4 | 10 | 150 | <0.5 | <2 | 2.95 | <0.5 | 15 | 77 | 62 | 4.48 | 10 | 0.16 | <10 | 1.39 | 738 | <1 | 0.16 | 5 | 490 | 4 | <10 | 48 | 0.04 | <10 | <10 | 135 | <10 | 20 | — |
| 16.50-17.00 | 54562 | (0.50) | <5 | 2.22 | 0.4 | 20 | 260 | <0.5 | <2 | 3.69 | <0.5 | 13 | 78 | 28 | 4.09 | 10 | 0.26 | <10 | 1.28 | 890 | <1 | 0.06 | 5 | 470 | 4 | <10 | 46 | <0.01 | <10 | <10 | 109 | <10 | 30 | — |

Certified by .....

# Chemex Labs L[illegible].

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Telex: 043-52597

*Analytical Chemists *Geochemists *Registered Assayers

CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10305, STOCK EXCHANGE TOWER
STE 1650 - 609 GRANVILLE ST.
VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514803-003-A
INVOICE # : I8514803
DATE : 27-AUG-85
P.O. # : NONE
SHOW

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

| Hole # | Interval (m) | Sample description | Recovery (m) | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85-5 | 42.00-43.60 | 54724 | (1.60) | 5.03 | 0.2 | <10 | 110 | <0.5 | <2 | 4.23 | <0.5 | 21 | 12 | 82 | 5.42 | 10 | 0.79 | <10 | 1.90 | 1958 | <1 | 0.27 | 9 | 640 | <2 | <10 | 58 | 0.32 | <10 | <10 | 186 | <10 | 200 | -- | -- |
| | 43.60-45.72 | 54725 | (2.12) | 5.80 | 0.2 | <10 | 350 | <0.5 | <2 | 3.46 | <0.5 | 23 | 10 | 93 | 6.13 | <10 | 0.53 | <10 | 2.36 | 2317 | 2 | 0.31 | 9 | 810 | <2 | <10 | 143 | 0.37 | <10 | <10 | 177 | <10 | 240 | -- | -- |
| DDH 85-6 | 1.20- 1.70 | 54726 | (1.50) | 3.86 | 0.2 | <10 | 280 | <0.5 | <2 | 1.60 | <0.5 | 25 | 34 | 88 | 6.37 | <10 | 0.20 | <10 | 1.82 | 637 | <1 | 0.22 | 17 | 770 | <2 | <10 | 327 | 0.36 | <10 | <10 | 173 | <10 | 60 | -- | -- |
| | 10.16-12.25 | 54729 | (2.09) | 4.67 | 0.2 | 10 | 220 | <0.5 | <2 | 2.17 | <0.5 | 23 | 27 | 144 | 6.21 | <10 | 0.32 | <10 | 1.73 | 907 | 1 | 0.12 | 14 | 690 | <2 | <10 | 171 | 0.30 | <10 | <10 | 123 | <10 | 80 | -- | -- |
| | 16.55-18.00 | 54732 | (1.44) | 5.48 | 0.2 | 10 | 240 | 0.5 | 2 | 2.45 | <0.5 | 25 | 23 | 100 | 6.26 | 10 | 0.22 | <10 | 2.22 | 813 | 2 | 0.43 | 20 | 610 | <2 | <10 | 255 | 0.23 | <10 | <10 | 171 | <10 | 50 | -- | -- |
| | 20.30-23.31 | 54734 | (3.01) | 4.62 | 0.2 | 20 | 240 | <0.5 | 2 | 2.04 | <0.5 | 20 | 38 | 66 | 6.28 | <10 | 0.27 | <10 | 2.04 | 959 | 3 | 0.27 | 18 | 770 | <2 | 10 | 147 | 0.35 | <10 | <10 | 167 | <10 | 60 | -- | -- |
| | 23.31-25.00 | 54735 | (1.69) | 5.72 | 0.2 | <10 | 240 | <0.5 | <2 | 2.55 | <0.5 | 22 | 30 | 87 | 6.65 | <10 | 0.32 | <10 | 2.24 | 1067 | 1 | 0.38 | 17 | 730 | <2 | <10 | 228 | 0.32 | <10 | <10 | 160 | <10 | 70 | -- | -- |
| | 25.10-27.56 | 54736 | (2.56) | 5.92 | 0.2 | <10 | 230 | <0.5 | 2 | 2.79 | <0.5 | 22 | 54 | 82 | 6.36 | 10 | 0.25 | <10 | 2.27 | 1026 | 1 | 0.54 | 24 | 710 | <2 | <10 | 286 | 0.32 | <10 | <10 | 187 | <10 | 60 | -- | -- |
| | 27.56-29.90 | 54737 | (2.34) | 6.23 | 0.2 | <10 | 200 | <0.5 | <2 | 3.18 | <0.5 | 29 | 50 | 76 | 6.32 | 10 | 0.23 | <10 | 2.29 | 1337 | 1 | 0.56 | 20 | 790 | <2 | <10 | 322 | 0.32 | <10 | <10 | 167 | <10 | 80 | -- | -- |
| | 29.90-32.52 | 54738 | (2.62) | 6.56 | 0.2 | 10 | 190 | <0.5 | <2 | 3.22 | <0.5 | 31 | 66 | 89 | 7.25 | 10 | 0.24 | <10 | 2.49 | 1191 | 1 | 0.71 | 27 | 920 | <2 | <10 | 281 | 0.38 | <10 | <10 | 209 | <10 | 80 | -- | -- |
| | 32.52-35.22 | 54739 | (2.70) | 6.36 | 0.2 | 10 | 230 | 0.5 | 2 | 3.16 | <0.5 | 25 | 32 | 89 | 7.02 | 10 | 0.21 | <10 | 2.47 | 1165 | 1 | 0.70 | 26 | 860 | <2 | <10 | 508 | 0.36 | <10 | <10 | 203 | <10 | 80 | -- | -- |
| | 35.22-37.65 | 54740 | (2.43) | 6.49 | 0.2 | 10 | 390 | <0.5 | <2 | 3.51 | <0.5 | 27 | 99 | 77 | 6.83 | 10 | 0.22 | <10 | 2.07 | 1065 | 1 | 0.74 | 18 | 810 | <2 | <10 | 309 | 0.33 | <10 | <10 | 189 | <10 | 60 | -- | -- |
| | 37.65-40.50 | 54741 | (2.85) | 5.55 | 0.2 | 60 | 230 | <0.5 | <2 | 2.71 | <0.5 | 21 | 30 | 90 | 6.56 | 10 | 0.28 | <10 | 1.81 | 908 | 3 | 0.39 | 17 | 810 | <2 | <10 | 186 | 0.21 | <10 | <10 | 114 | <10 | 50 | -- | -- |
| | 40.50-43.72 | 54742 | (3.22) | 7.37 | 0.2 | <10 | 410 | <0.5 | <2 | 4.01 | <0.5 | 36 | 51 | 73 | 7.37 | 10 | 0.18 | <10 | 2.28 | 1431 | 1 | 0.35 | 20 | 900 | <2 | <10 | 320 | 0.33 | <10 | <10 | 206 | <10 | 90 | -- | -- |
| | 43.72-45.42 | 54743 | (1.70) | 6.39 | 0.2 | <10 | 180 | <0.5 | <2 | 3.58 | <0.5 | 29 | 44 | 66 | 6.78 | 10 | 0.16 | <10 | 2.11 | 935 | 1 | 0.68 | 19 | 790 | <2 | <10 | 341 | 0.30 | <10 | <10 | 170 | <10 | 70 | -- | -- |
| | 45.42-47.85 | 54744 | (2.43) | 5.45 | 0.2 | <10 | 120 | <0.5 | <2 | 2.58 | <0.5 | 22 | 32 | 43 | 7.26 | 10 | 0.31 | <10 | 1.91 | 785 | 4 | 0.50 | 18 | 900 | <2 | <10 | 312 | 0.15 | <10 | <10 | 134 | <10 | 60 | -- | -- |
| | 47.85-50.21 | 54745 | (2.36) | 5.22 | 0.2 | 10 | 210 | 0.5 | 2 | 2.65 | <0.5 | 27 | 28 | 151 | 5.79 | 10 | 0.10 | <10 | 2.21 | 869 | 2 | 0.45 | 14 | 960 | <2 | <10 | 195 | 0.23 | <10 | <10 | 147 | <10 | 100 | -- | -- |
| | 50.21-52.43 | 54746 | (2.22) | 4.10 | 0.2 | 10 | 140 | <0.5 | <2 | 1.87 | <0.5 | 17 | 26 | 57 | 5.31 | <10 | 0.26 | <10 | 2.47 | 643 | 1 | 0.26 | 15 | 890 | <2 | <10 | 147 | 0.23 | <10 | <10 | 162 | <10 | 60 | -- | -- |

Certified by .....

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CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10335, STOCK EXCHANGE TOWER
STE 1650 - 609 GRANVILLE ST.
VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514821-002-A
INVOICE # : I8514821
DATE : 26-AUG-85
P.O. # : NONE
SHOW

Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :

| | Sample description | | Au ppb FA+AA Recovery | (m) | Hg ppb | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85-2 | 15.10-17.07 | 54675 | (1.97) | <5 | -- | 7.06 | 0.2 | <10 | 70 | <0.5 | <2 | 4.07 | <0.5 | 34 | 50 | 120 | 6.16 | 20 | 0.05 | <10 | 2.06 | 891 | <1 | 0.74 | 14 | 760 | 6 | <10 | 251 | 0.32 | <10 | <10 | 215 | <10 | 80 |
| | 17.07-18.10 | 54676 | (1.03) | <5 | -- | 6.16 | 0.2 | <10 | 80 | <0.5 | <2 | 3.41 | <0.5 | 33 | 58 | 72 | 6.22 | 10 | 0.07 | <10 | 2.12 | 744 | <1 | 0.63 | 14 | 760 | <2 | <10 | 214 | 0.26 | <10 | <10 | 199 | <10 | 70 |
| | 18.10-19.05 | 54677 | (0.95) | <5 | -- | 4.28 | 0.2 | 180 | 60 | <0.5 | <2 | 2.39 | 1.0 | 29 | 41 | 54 | 5.98 | <10 | 0.16 | <10 | 1.64 | 855 | <1 | 0.31 | 12 | 600 | 6 | <10 | 101 | 0.28 | <10 | <10 | 194 | <10 | 100 |
| | 19.05-20.30 | 54678 | (1.25) | <5 | -- | 4.89 | 0.2 | <10 | 60 | <0.5 | <2 | 2.74 | <0.5 | 30 | 35 | 46 | 6.75 | 10 | 0.06 | <10 | 1.91 | 1173 | <1 | 0.41 | 12 | 610 | 6 | <10 | 149 | 0.32 | <10 | <10 | 225 | <10 | 120 |
| | 20.30-20.80 | 54679 | (0.70) | 5 | -- | 7.82 | 0.2 | <10 | 110 | <0.5 | <2 | 5.57 | <0.5 | 25 | 36 | 60 | 6.10 | 20 | 0.12 | <10 | 1.89 | 1370 | <1 | 0.59 | 11 | 700 | <2 | <10 | 430 | 0.36 | <10 | <10 | 229 | <10 | 130 |
| | 20.80-22.00 | 54680 | (1.20) | <5 | -- | 6.19 | 0.2 | <10 | 80 | <0.5 | <2 | 4.14 | 0.5 | 26 | 40 | 81 | 5.96 | 10 | 0.08 | <10 | 2.44 | 1431 | 2 | 0.57 | 11 | 660 | 4 | <10 | 273 | 0.41 | <10 | <10 | 225 | <10 | 190 |
| | 26.20-29.84 | 54685 | (3.54) | <5 | -- | 6.71 | 0.2 | <10 | 100 | <0.5 | <2 | 4.75 | <0.5 | 29 | 36 | 87 | 6.06 | 10 | 0.10 | <10 | 2.57 | 1149 | <1 | 0.62 | 13 | 620 | 2 | <10 | 271 | 0.29 | <10 | <10 | 199 | <10 | 100 |
| | 30.04-30.44 | 54687 | (0.44) | <5 | -- | 4.70 | 0.2 | <10 | 170 | <0.5 | <2 | 2.87 | <0.5 | 25 | 27 | 103 | 5.52 | 10 | 0.09 | <10 | 2.03 | 705 | <1 | 0.49 | 7 | 600 | 6 | <10 | 206 | 0.31 | <10 | <10 | 189 | <10 | 50 |
| | 34.14-35.54 | 54691 | (1.40) | 10 | -- | 2.02 | 0.2 | <10 | 80 | <0.5 | <2 | 1.82 | <0.5 | 13 | 53 | 62 | 3.42 | <10 | 0.15 | <10 | 0.67 | 398 | <1 | 0.12 | 3 | 420 | 2 | <10 | 50 | 0.12 | <10 | <10 | 97 | <10 | 30 |
| | 35.54-37.00 | 54692 | (1.46) | <5 | -- | 2.09 | 0.2 | <10 | 70 | <0.5 | <2 | 1.82 | <0.5 | 7 | 33 | 13 | 3.73 | <10 | 0.15 | <10 | 0.73 | 378 | <1 | 0.15 | 3 | 520 | 2 | <10 | 64 | 0.12 | <10 | <10 | 117 | <10 | 20 |
| | 37.00-37.60 | 54693 | (0.60) | 5 | -- | 3.24 | 0.2 | <10 | 30 | <0.5 | 2 | 2.71 | 0.5 | 29 | 49 | 442 | 4.48 | 10 | 0.23 | <10 | 1.72 | 833 | 4 | 0.15 | 10 | 600 | 4 | <10 | 104 | 0.18 | <10 | <10 | 133 | <10 | 170 |
| | 37.90-40.63 | 54695 | (2.73) | <5 | -- | 6.60 | 0.2 | <10 | 180 | <0.5 | <2 | 4.22 | <0.5 | 30 | 69 | 90 | 5.22 | 10 | 0.09 | <10 | 2.01 | 935 | <1 | 0.63 | 27 | 750 | <2 | <10 | 329 | 0.32 | <10 | <10 | 171 | <10 | 70 |
| | 40.63-42.20 | 54696 | (1.57) | <5 | -- | 5.99 | 0.2 | <10 | 130 | <0.5 | <2 | 4.32 | <0.5 | 27 | 64 | 110 | 5.30 | 10 | 0.17 | <10 | 1.69 | 1235 | <1 | 0.59 | 19 | 650 | <2 | <10 | 363 | 0.33 | <10 | <10 | 174 | <10 | 80 |
| | 43.20-44.60 | 54698 | (1.40) | <5 | -- | 6.96 | 0.2 | <10 | 110 | <0.5 | <2 | 4.23 | <0.5 | 23 | 44 | 63 | 5.55 | 10 | 0.08 | <10 | 2.13 | 1773 | <1 | 0.85 | 12 | 770 | <2 | <10 | 356 | 0.41 | <10 | <10 | 214 | <10 | 130 |
| | 45.70-46.33 | 54700 | (0.63) | <5 | -- | 7.91 | 0.2 | <10 | 160 | <0.5 | <2 | 4.92 | <0.5 | 26 | 64 | 126 | 6.05 | 20 | 0.12 | <10 | 1.89 | 1397 | <1 | 0.72 | 17 | 770 | <2 | <10 | 509 | 0.32 | <10 | <10 | 200 | <10 | 90 |
| DDH 85-6 | 1.70- 8.63 | 54727 | (6.93) | <5 | -- | 4.62 | 0.2 | <10 | 500 | <0.5 | <2 | 2.14 | <0.5 | 25 | 47 | 54 | 6.10 | 10 | 0.19 | <10 | 1.86 | 719 | <1 | 0.36 | 14 | 820 | 6 | <10 | 581 | 0.34 | <10 | <10 | 189 | <10 | 50 |
| | 8.63-10.16 | 54728 | (1.53) | 5 | -- | 5.07 | 0.2 | <10 | 620 | <0.5 | <2 | 2.36 | <0.5 | 26 | 43 | 52 | 6.18 | 10 | 0.27 | <10 | 1.97 | 900 | <1 | 0.29 | 13 | 800 | <2 | <10 | 960 | 0.36 | <10 | <10 | 189 | <10 | 50 |
| | 12.25-14.63 | 54730 | (2.38) | <5 | -- | 4.63 | 0.2 | <10 | 350 | <0.5 | <2 | 2.19 | <0.5 | 29 | 44 | 68 | 5.74 | 10 | 0.13 | <10 | 1.98 | 885 | <1 | 0.36 | 14 | 710 | 4 | <10 | 427 | 0.29 | <10 | <10 | 169 | <10 | 50 |
| | 14.63-16.56 | 54731 | (1.93) | <5 | -- | 5.79 | 0.2 | <10 | 190 | <0.5 | <2 | 3.30 | <0.5 | 26 | 65 | 58 | 5.73 | 10 | 0.08 | <10 | 1.74 | 1022 | <1 | 0.64 | 14 | 770 | 2 | <10 | 319 | 0.32 | <10 | <10 | 191 | <10 | 50 |
| | 18.00-20.30 | 54733 | (2.30) | <5 | -- | 6.21 | 0.2 | <10 | 310 | <0.5 | <2 | 3.20 | <0.5 | 26 | 55 | 51 | 6.12 | 10 | 0.20 | <10 | 2.12 | 930 | <1 | 0.60 | 16 | 750 | 2 | <10 | 318 | 0.33 | <10 | <10 | 205 | <10 | 60 |

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Semi quantitative multi element ICP analysis

Nitric-Aqua-Regia digestion of 0.5 gm of material followed by ICP analysis. Since this digestion is incomplete for many minerals, values reported for Al, Sb, Ba, Be, Ca, Cr, Ga, La, Mg, K, Na, Sr, Tl, Ti, W and V can only be considered as semi-quantitative.

COMMENTS :
ATTN: M. SERACK

## CERTIFICATE OF ANALYSIS

TO : LORNEX MINING CORP. LTD.
ATTN: D.R. BUDINSKI, MGR. OF EXPL.
P. O. BOX 10335, STOCK EXCHANGE TOWER
STE 1650 - 609 GRANVILLE ST.
VANCOUVER, B.C. V7Y 1G5

CERT. # : A8514436-001-A
INVOICE # : I8514436
DATE : 13-AUG-85
P.O. # : NONE

| Sample description | | | Recovery (m) | Al % | Ag ppm | As ppm | Ba ppm | Be ppm | Bi ppm | Ca % | Cd ppm | Co ppm | Cr ppm | Cu ppm | Fe % | Ga ppm | K % | La ppm | Mg % | Mn ppm | Mo ppm | Na % | Ni ppm | P ppm | Pb ppm | Sb ppm | Sr ppm | Ti % | Tl ppm | U ppm | V ppm | W ppm | Zn ppm | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DDH 85-4 | 36.00-38.00 | 54558 | (2.00) | 1.73 | 0.2 | 20 | 50 | 0.5 | 2 | 1.28 | <0.5 | 13 | 126 | 30 | 4.32 | 10 | 0.12 | 10 | 1.25 | 588 | 2 | 0.18 | 5 | 480 | 4 | <10 | 39 | 0.19 | <10 | <10 | 142 | <10 | 10 | — | — |
| | 38.00-40.67 | 54559 | (2.67) | 1.56 | 0.2 | 40 | 50 | 0.5 | <2 | 1.20 | <0.5 | 14 | 107 | 29 | 4.27 | 10 | 0.11 | 10 | 1.03 | 539 | 2 | 0.17 | 4 | 490 | 2 | <10 | 37 | 0.17 | <10 | <10 | 144 | <10 | 10 | — | — |

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