

ARIS SUMMARY SHEET

District Geologist, Kamloops

Off Confidential: 89.02.15

ASSESSMENT REPORT 16964

MINING DIVISION: Lillooet

PROPERTY: Avino-Olympic
LOCATION: LAT 50 53 29 LONG 122 43 56
UTM 10 5637562 518834
NTS 092J15E 092J15W
CLAIM(S): Omega, Omega 1-2, Omega 4, Jack Fr., Alpha Fr., Golden Girl, Minto Fr.
Alpha 1-2, Alta 1-8, Alta 1-2 Fr., Hillside 1-8, Hillside Ext. 3-4
Jhanta Fr., Mellisande
OPERATOR(S): Avino Mines & Res.
AUTHOR(S): Friesen, P.S.
REPORT YEAR: 1988, 93 Pages
COMMODITIES
SEARCHED FOR: Gold, Silver
GEOLOGICAL
SUMMARY: Permo-Triassic Bridge River Group cherts are succeeded
unconformably by Upper Triassic Pioneer Formation basalts and other
sediments of the Cadwallader Group.
WORK
DONE: Geochemical, Physical
SOIL 1342 sample(s) ;ME
Map(s) - 4; Scale(s) - 1:4167, 1:2500
TREN 100.0 m 12 trench(es)
Map(s) - 1; Scale(s) - 1:2500
MINFILE: 092JNE075, 092JNE086, 092JNE092, 092JNE107

| | |
|--------------|-----|
| LOG NO: 0217 | RD. |
| ACTION: 2/89 | |
| FILE NO: | |

ASSESSMENT WORK REPORT
 ON
 THE MINTO AND OLYMPIC CLAIMS

LILLOOET MINING DIVISION
 BRIDGE RIVER DISTRICT, B.C.
 N.T.S. 92-J-15-E/15W
 LAT. 50 53' N LONG. 122 45' W

FILMED

Owned and operated by

AVINO MINES AND RESOURCES LTD.
 SUITE 100 - 455 GRANVILLE ST.,
 VANCOUVER, B.C. V6C 1T1
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,964

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 M.R. # _____ \$ _____
 VANCOUVER, B.C.

by
 P.S. Friesen P. ENG.
 Feb. 1988

TABLE OF CONTENTS

| <u>INTRODUCTION</u> | Page |
|--|------|
| General Statement | 1 |
| <u>GEOCHEMISTRY</u> | |
| Minto Claims | 2 |
| Olympic Claims | 2 |
| Results | 2 |
| <u>PHYSICAL WORK</u> | |
| Trenching | 2 |
| STATEMENT OF COSTS | 3 |
| CERTIFICATE OF QUALIFICATION | 4 |
| <u>APPENDIX</u> | |
| Report on Geology and Exploration potential of the Minto and Olympic Claim Blocks. - J.E. Christofferson P. Eng. January 15, 1988 | |

Avino Mines and Resources Ltd.
Ste. 100-455 Granville St.

Assessment Work Report on the Avino and
Olympic groups of Mineral Claims,
Goldbridge, B.C. Lillooet Mining District
92-J-15-E and W

by
P.S. Friesen P. Eng.
10, February 1988

INTRODUCTION

General

Avino Mines and Resources Ltd. caused work to be done on the Avino and Olympic groups of Mineral Claims during 1987. These claims are situated in the Lillooet Mining Division near Goldbridge, B.C.

The work consisted of a geochemical soil sampling program which was followed by some trenching. The work was supervised by J.E. Christofferson. His report dated 15 January 1988, incorporates and describes the work as well as the property. The report is appended.

GEOCHEMISTRY

Minto Claims

A total of 249 soil samples were taken at 25 meter intervals along lines spaced 100 meters apart. A total of 6.25 kilometers of lines were sampled.

Olympic Claims

A total of 1093 soil samples were taken at 25 meter intervals along lines spaced 100 meters apart. A total of 27.4 kilometers of line were sampled. "B" horizon was sampled at 30-61 cm depth.

Results

The results of the soil sampling program are discussed in the report "Geology and Exploration Potential of the Minto and Olympic Claim Blocks" by J.E. Christofferson, dated January 15, 1988. The report is appended.

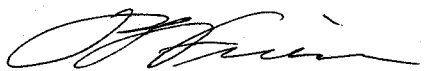
PHYSICAL WORK

Trenching

An excavator was engaged in 1987 to expose the MINTO and VIEW zones on the MINTO block of mineral claims. About 100 meters of trenching in 12 trenches were dug. The location of the trenches are shown in Fig. 11 of Christofferson's report.

The trenching was supervised in the field by J. Miller-Tait, a geologist.

Respectfully Submitted,



P.S. Friesen P. Eng.
10 February 1988

STATEMENT OF COSTS

Re: 1987 work done on the MINTO and OLYMPIC mineral claims,
Lillooet Mining Division, Goldbridge , B.C.

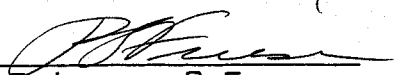
| | |
|---|------------------------------|
| Trenching | \$ 6800.00 |
| Soil Sampling | |
| Labour..... | 9247.12 |
| Transportation..... | 2139.20 |
| Sustenance..... | 1333.88 |
| Field Supplies..... | 99.08 |
| Assaying- 1342 samples at 13.65 each..... | 18318.30 |
| Drafting | 2317.50 |
| | <u>40255.08</u> |
| Engineering and Supervision | 4000.00 |
| | Sub-total <u>44255.08</u> |
| Office Overhead at 10%..... | 4425.51 |
| | TOTAL <u><u>48620.59</u></u> |



CERTIFICATE OF QUALIFICATION

This is to certify that:

- 1) I, Peter Stanley Friesen, reside at 6780 Sumas Prairie Road, SARDIS, B.C.
- 2) I am a graduate of the University of Saskatchewan where I received a degree of Bachelor of Engineering in Geological Science in 1950.
- 3) I am a professional engineer registered in the Province of British Columbia.
- 4) I have practiced my profession for 37 years.
- 5) The report is based upon personal knowledge of the area, Company and government records, and visits to property during 1987.



P.S. Friesen, P.Eng.
10 February 1988

REPORT ON
THE GEOLOGY AND
EXPLORATION POTENTIAL
OF THE MINTO AND OLYMPIC CLAIM BLOCKS

LILLOOET MINING DIVISION
BRIDGE RIVER DISTRICT, B.C.
NTS 92J15E/15W
LAT - 50 53' N
LONG - 122 45' W

for
AVINO MINES AND RESOURCES LTD.
SUITE 100 - 455 GRANVILLE ST.,
VANCOUVER, B.C. V6C 1T1

by
J. E. CHRISTOFFERSEN, P. ENG.
CONSULTING GEOLOGIST

VANCOUVER, B.C.
JANUARY 15, 1988

SUMMARY

The Minto and Olympic properties of Avino Mines and Resources Ltd. are situated about 10 kilometers east of Gold Bridge in the prolific Bridge River gold district of British Columbia. The claims are largely underlain by Fergusson Group cherts of Permian age succeeded unconformably by Pioneer basalts and other sediments of the Triassic Cadwallader Group.

The two contiguous claim groups have been explored intermittently for over sixty years and several significant gold-bearing structures are known on each property. Production from the Minto mine between 1934 and 1940 amounted to 88,900 tons of ore returning 17,558 ounces of gold (0.20 oz/t recovered) and 50,584 ounces of silver (0.57 oz/t recovered).

Recent soil geochemical surveys and follow-up trenching on the Minto conducted by Avino have outlined five possible new gold zones not previously known on the claims. On the Olympic claims, Avino carried out a comprehensive soil geochemical survey that has identified at least 14 significant single-point anomalies in one or more of gold, arsenic, silver and antimony, mainly in areas of the property not well investigated by previous workers.

RECOMMENDATIONS AND BUDGETS

Exploration results on the Minto and Olympic properties have been encouraging and further substantial work is justified. Programs for each property are detailed below.

Minto

The Minto property has reached the stage where diamond drilling is required to explore the depth extension of gold-bearing shear zones established on surface by geochemistry and trenching - viz the Ponderosa, Winter, Rainbow, View and Minto North Zones. Some additional trenching is needed to define drill targets especially in the Minto North Zone.

A two-phase program involving mainly drilling is recommended. Phase II implementation would be conditional upon the outcome of Phase I, the cost of which is presented below:

| | | |
|--|----------|--------|
| Trenching - 2 days @ \$1000 | \$ | 2,000 |
| Drilling - 650 meters (7 holes, NQ/BQ) @ \$75/m inclusive | | 48,750 |
| Geologist - 15 days @ \$200 | | 3,000 |
| Assays - 100 samples @ \$15 | | 150 |
| Vehicles, Board, Supplies etc. | | 2,000 |
| Report prep, Drafting | | 2,750 |
| | TOTAL \$ | 60,000 |

The purpose of Phase I would be to explore the ore structures to a depth of 90 meters (300 ft).

Phase II is expected to involve a substantial diamond-drill program of 2000 meters in 15 holes. The objective of the campaign would be to test the continuity of ore zones to a depth of 180 meters (600 ft.). Costs are estimated below.:

| | |
|--|------------------|
| Drilling - 2000 m NQ/BQ @ \$75/m inclusive | 150,000 |
| Geologist and Assistant - 45 days @ \$300 | 13,000 |
| Assays - 150 samples @ \$15 | 2,250 |
| Vehicles, Board, Supplies etc. | 5,250 |
| Report prep, Drafting | 4,000 |
| | TOTAL \$ 175,000 |

Olympic

Soil sampling indicates at least 14 separate anomalies that require follow-up sampling. Confirmed anomalous targets should be trenched using a Caterpillar 225 or equivalent backhoe. Detailed geological mapping over the entire claim group is also required. Costs for this Phase I program are estimated as follows:

| | | |
|---|----------|--------|
| Mapping/Prospecting- Geologist and Assistant 40 days @ \$300 | \$ | 12,000 |
| Geochemical Sampling/Analyses - 200 samples | | 4,200 |
| Trenching - 20 days @ \$1000/day | | 20,000 |
| Assays - 200 samples @ \$15 | | 3,000 |
| Vehicles, Board, Supplies etc. | | 4,300 |
| Report prep, Drafting | | 3,500 |
| | TOTAL \$ | 47,000 |

Phase II would comprise mainly diamond drilling, assuming five targets to follow up at 200 meters/target or 1000 meters (10 holes) in total. Costs are estimated to be:

| | |
|--|------------------|
| Drilling - 1000 m (NQ/BQ) @ \$75/m inclusive | \$ 75,000 |
| Geologist and Assistant - 20 days @ \$300 | 6,000 |
| Assays - 100 samples @ \$15 | 1,500 |
| Vehicles, Board, Supplies etc. | 3,500 |
| Report prep, Drafting | 4,000 |
| TOTAL | <u>\$ 90,000</u> |

TABLE OF CONTENTS

| | Page |
|----------------------------------|------|
| 1.0 INTRODUCTION | 1 |
| 2.0 PROPERTY DESCRIPTIONS | 2 |
| 2.1 Location and Access | |
| 2.2 Physical Features | |
| 2.3 Climate | |
| 2.4 Claims | |
| 3.0 HISTORY OF CLAIMS | 2 |
| 3.1 Minto | |
| 3.2 Olympic | |
| 4.0 REGIONAL GEOLOGY | 5 |
| 4.1 GSC - Roddick and Hutchinson | |
| 4.2 BCDM - Church | |
| 5.0 PROPERTY GEOLOGY | 7 |
| 5.1 Minto | |
| 5.2 Olympic | |
| 6.0 RESULTS OF 1987 EXPLORATION | 8 |
| 6.1 Minto | |
| 6.2 Olympic | |
| 7.0 RECOMMENDATIONS | 10 |
| 7.1 Minto | |
| 7.2 Olympic | |
| 8.0 STATEMENT OF QUALIFICATIONS | 13 |

LIST OF FIGURES

| | |
|---|--------------|
| FIGURE 1 - Location Map | After Page 1 |
| FIGURE 2 - Claim Map | After Page 1 |
| FIGURE 3 - Mineral Occurrences - Bridge River & Surrounding Areas | After Page 2 |
| FIGURE 4 - Section Showing Minto Workings (1936) | After Page 3 |
| FIGURE 5 - Olympic Claims - Adit & Diamond Drill Hole Locations | After Page 3 |
| FIGURE 6 - Sketch Map of Kelvin Zone Showing Surface Gold Assays | After Page 4 |
| FIGURE 7 - Regional Geology - Bridge River (GSC-1973) | After Page 5 |
| FIGURE 8 - Regional Geology and Stratigraphy- Bridge River (BCDM-1986) | After Page 6 |
| FIGURE 9 - Minto Property Geology | After Page 7 |
| FIGURE 10a-Minto Soil Geochemistry - Gold, Arsenic | In Pocket |
| FIGURE 10b-Minto Soil Geochemistry - Silver, Antimony | In Pocket |
| FIGURE 11 -Minto Trench Locations and Gold Assays | In Pocket |
| FIGURE 12a- Olympic Soil Geochemistry - Gold, Arsenic | In Pocket |
| FIGURE 12b- Olympic Soil Geochemistry - Silver, Antimony | In Pocket |

LIST OF TABLES

| | |
|--|--------------|
| Table 1 - Minto Claim List | After Page 2 |
| Table 2 - Olympic Claim List | After Page 2 |
| Table 3 - Olympic Claims - Probably Anomalous Samples | After Page 9 |

APPENDICES

APPENDIX 1 - Olympic Noranda Drill Log Summaries

APPENDIX 2 - Olympic Lacana Drill Log Summaries

APPENDIX 3 - Minto - Soil Geochemical

APPENDIX 4 - Minto Trench Assay Data

APPENDIX 5 - Olympic Soil Geochemical Data

APPENDIX 6 - References

1.0 Introduction

This report describes the history, geology and exploration potential of the Minto and Olympic properties of Avino Mines and Resources Ltd. It is based on the personal knowledge of the writer gained during the 1987 field season and a review of previous reports and maps in both the public and private domains.

2.0 Property Descriptions

2.1 Location and Access

The Minto and Olympic properties form a contiguous group of claims situated in the famous Bralorne gold camp, about 160 kilometers (100 miles) by air north of Vancouver (Figure 1). The claims are centered on lat. $50^{\circ} 53' N$, long. $122^{\circ} 45' W$, occupying the lake bed and north and south flanks of Carpenter Lake (Figure 2). The nearest habitation of any size is the small town of Gold Bridge, about 10 kilometers west of both claim groups. Access from Gold Bridge to the Minto and Olympic groups is made via two all-weather gravel roads skirting the north and south shores of Carpenter Lake respectively. There is limited bush-road access within the two properties.

Gold Bridge itself can be reached from Vancouver via Hope and Lillooet, a distance of 445 km, or via Pemberton using the four-wheel-drive Hurley Pass route, a distance of 225 km.

2.2 Physical Features

The terrain is very rugged, typical of the eastern margin of the Coast Range mountains. Mount Truax, the highest peak in the area at 2880 meters (9448 ft), lies some 10 kilometers south of the properties. The two claim groups range in elevation from 650 meters (2130 ft) on Carpenter Lake to a maximum of some 1680 meters (5500 ft) on the southern boundary of the Olympic ground and 1020 meters (3350 ft) on the Minto.

FIG. 1
AVINO MINES & RESOURCES LTD.

MINTO & OLYMPIC PROPERTIES

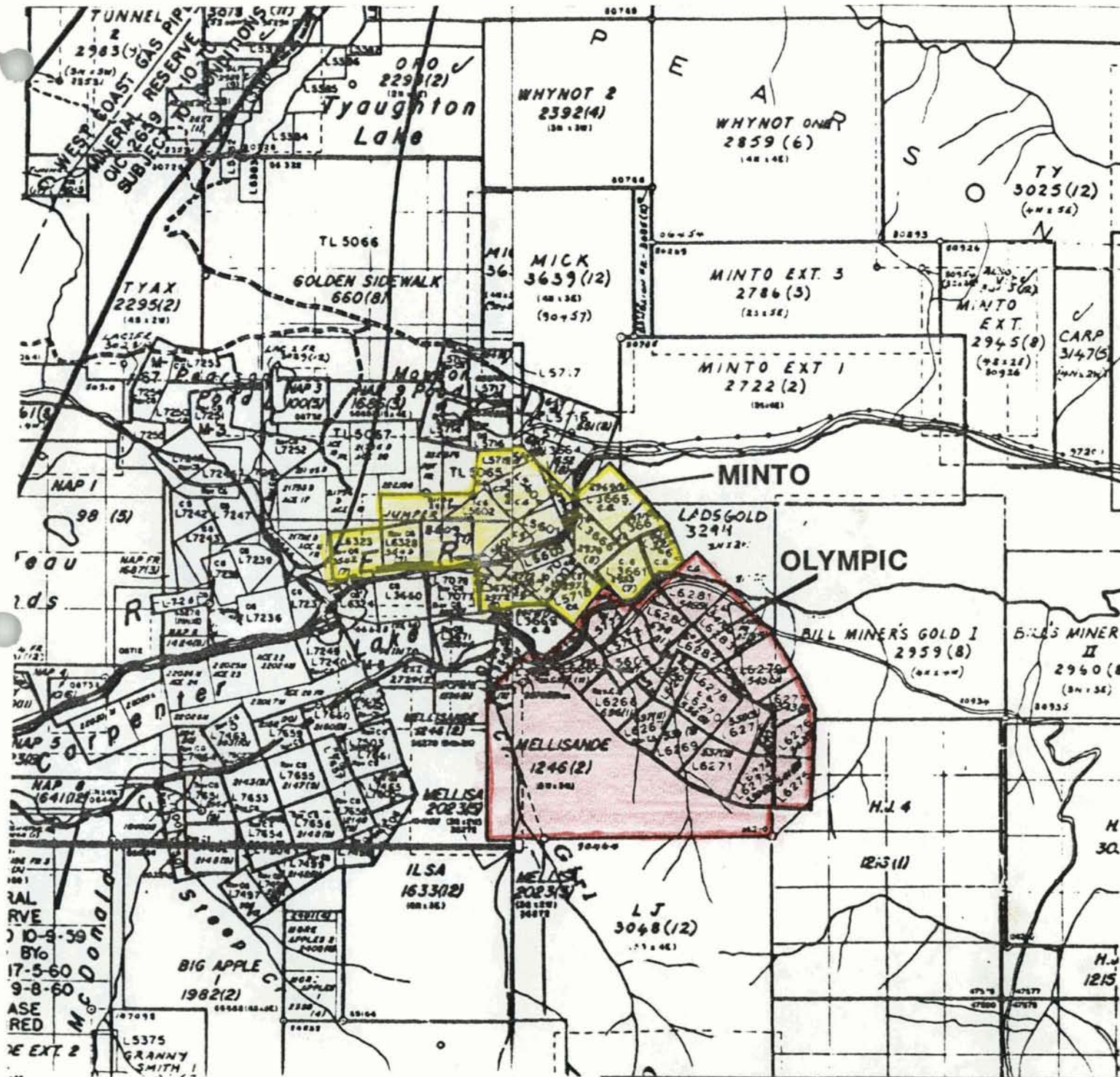
LOCATION MAP

MINTO & OLYMPIC CLAIMS



BRITISH COLUMBIA

U.S.A.



AVINO MINES & RESOURCES LTD.

MINTO & OLYMPIC CLAIMS

CLAIM MAP

0 500 1000 2000 3000 metres

| | | |
|------------------|-----------------|--------|
| N.T.S. 92 J/15 E | SCALE: 1:50,000 | FIG. 2 |
| DATE: DEC. 1987 | DRAWN: J.C. /dw | |

Generally, the properties are well forested especially on north-facing slopes, although some selective logging has taken place in the past. Creeks are generally fast flowing and deeply incised, notably Girl (Davidson) and Marquis Creeks on the Olympic.

2.3 Climate

The climate of the Bridge River District is transitional between the humid coastal belt and more arid interior plateau. Hence annual precipitation is modest, a significant proportion of which falls as snow in the winter. Summers tend to be agreeably warm to hot depending on altitude and winter's moderately cold.

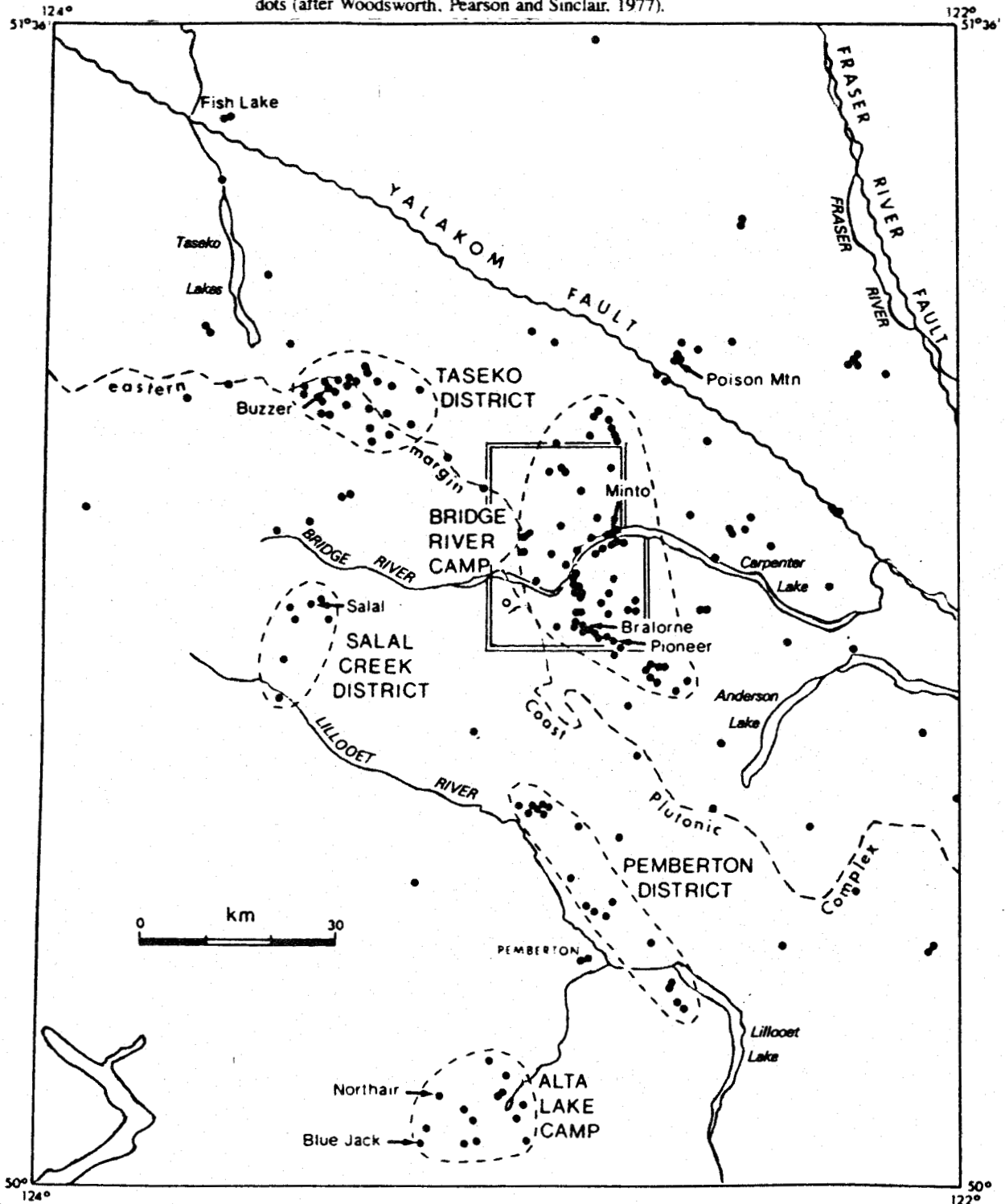
2.4 Claims

Both properties are situated in the Lillooet Mining Division and are shown in Figure 2. The Minto claims comprise 19 units - eight (8) crown grants and ten (10) reverted crown grants and one (1) located mineral claim as listed in Table 1. The Olympic block consists of 20 reverted crown grants, one (1) located mineral claim (Mellisande - 15 units) and three (3) fractions as shown in Table 2.

3.00 History of Claims

The Minto and Olympic claims are located in the famous Bridge River - Bralorne gold camp (Figure 3). Gold production since the latter part of the 19th century from the district amounts to over four million ounces, largely from the Bralorne - Pioneer mines but also from the Whynot, Arizona, Wayside, Minto, Congress and numerous placer operations.

Location of 1:20 000-scale 1986 mapping (double frame) in Bridge River mining camp; mineral deposits shown as dots (after Woodsworth, Pearson and Sinclair, 1977).



AVINO MINES & RESOURCES LTD.

**MINTO & OLYMPIC CLAIMS
MINERAL OCCURRENCES
BRIDGE RIVER &
SURROUNDING AREAS**

N.T.S. 92J/15E

SCALE: 1:9375

FIG.

DATE: DEC. 1987

DRAWN: J.C./dw

3

3.1 Minto

Prior to 1930, the Minto claims were held as a prospect for many years. Some surface work was carried out on a weathered shear zone up to eight feet wide exposed largely on the Omega 1 claim on the north shore of Carpenter Lake. Cominco optioned the property in 1930 and drove an adit 350 feet (107 m) north into the hillside at the River (Lake) level (also referred to as the 400 foot level - see Fig. 4).

Following the termination of Cominco's option in 1933, Minto Gold Mines Ltd. opened a small mining operation, eventually processing up to 125 tpd from five levels (BCDM-1936). Between 1934 and 1940, when work ceased, 88,900 tons of ore were mined to produce 17,558 ounces Au (0.20 oz/t recovered), 50,584 ounces Ag (0.57 oz/t recovered), 21,327 lbs of copper and 124,421 lbs of lead. The concentrate was shipped to Tacoma for smelting. The workings extended a maximum of 400 metres north (1300 feet) (Fig. 11) along the mineralized structure on 200 level, of which about 160 metres (530 feet) constituted ore grade. The workings extended to the 700 level, below which no ore was found.

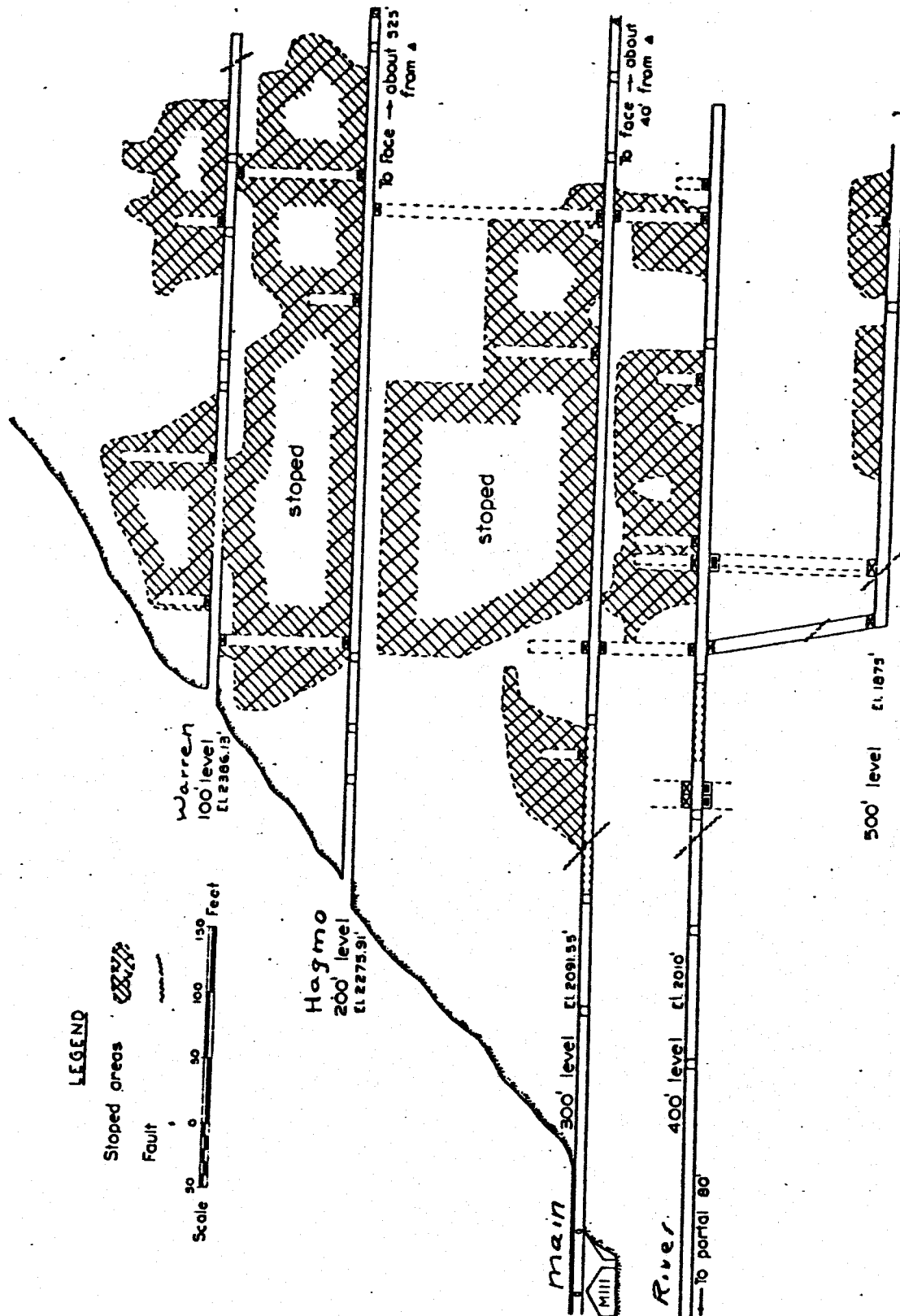
Pioneer Gold Mines Ltd. optioned the group briefly in 1941. In 1944 and 1945, the BCDM reported that 14 diamond drill holes (3,954 feet) had been completed on surface and underground searching for strike and dip extensions of the Minto ore body. Results were reported to be not encouraging. Ace Mining Co. Ltd. acquired the ground in 1959 but performed little work. In 1975, Empire Metals Ltd. optioned the claims and are thought to have carried out geochemical and geophysical surveys, although results are not at hand.

Avino Mines and Resources, Ltd., the current owner, purchased a 100% interest in the property early in 1985. During 1985, geological, geochemical, and geophysical (VLF-EM) surveys were conducted and trenches were excavated in anomalous areas. In-fill soil geochemistry and further trenching were undertaken in 1987.

3.2 Olympic

The Olympic property originally comprised the Olympic and Kelvin claim groups, operated by Olympic Gold Mines Ltd. and Kelvin Gold Mines Ltd., respectively.

The Leckie and Magee adits (Fig. 5) were driven on the Alta #1 claim some 300 feet each (90 m) by Olympic Gold Mines Ltd. between 1934 and 1937 on a steep gold-bearing shear zone striking SE (BCDM-1937 Annual Report). Both adits are



| | | |
|---|----------------|------|
| AVINO MINES & RESOURCES LTD. | | |
| MINTO & OLYMPIC CLAIMS | | |
| SECTION SHOWING | | |
| MINTO WORKINGS (1936) | | |
| N.T.S. 92J/15 E | SCALE: 1:1500 | FIG. |
| DATE: DEC. 1987 | DRAWN: J.C./dw | 4 |

TABLE 1

MINTO CLAIM LIST

| <u>Name</u> | <u>Type</u> | <u>Record</u> | <u>Lot</u> | <u>Expiry Date</u> |
|-----------------|-------------|---------------|------------|------------------------|
| Omega | CG | | 5600 | 31 Dec. 88 |
| Omega 1 | CG | | 5601 | 31 Dec. 88 |
| Omega 2 | CG | | 5602 | 31 Dec. 88 |
| Omega 3 | CG | | 5603 | 31 Dec. 88 |
| Omega 4 | CG | | 5604 | 31 Dec. 88 |
| Alpha Fr. | CG | | 5719 | 31 Dec. 88 |
| Jack Fr. | CG | | 7078 | 31 Dec. 88 |
| Golden Girl | CG | | 3660 | 31 Dec. 88 |
| Hillside Ext. 1 | RCG | 2933 | 3661 | 26 Jul. 96 |
| Hillside Ext. 2 | RCG | 2967 | 3662 | 27 Aug. 96 |
| Minto Fr. | RCG | 2968 | 3664 | 27 Aug. 96 |
| Prince | RCG | 2969 | 3665 | 27 Aug. 96 |
| Frank Fr. | RCG | 2970 | 3666 | 27 Aug. 96 |
| Hagmo | RCG | 2971 | 3667 | 27 Aug. 96 |
| Ex Fr. | RCG | 2972 | 3670 | 27 Aug. 96 |
| Ome Fr. | RCG | 2973 | 5718 | 27 Aug. 96 |
| Golden Queen | RCG | 3542 | 6323 | 15 Jul. 88 |
| Helm Fr. | RCG | 3543 | 6328 | 15 Jul. 88 |
| Jumper | LMC | 3509 | | 29 Jul. 88 |

CG = Crown Grant
RCG = Reverted Crown Grant
LMC = Located Mineral Claim

TABLE 2

OLYMPIC CLAIM LIST

| <u>Claim Name</u> | <u>Record No.</u> | <u>Lot No.</u> | <u>Expiry Date</u> |
|----------------------|-------------------|----------------|--------------------------------|
| ALPHA #1) & #2) | 813 | L5605 L5712 | July 03, 1992 July 03, 1992 |
| ALPHA #3 | 893 | L5713 | Sept.17, 1992 |
| ALTA #1 | 695 | L6265 | Nov. 08, 1992 |
| ALTA #2 | 696 | L6266 | Nov. 08, 1992 |
| ALTA #3 | 704 | L6268 | Nov. 23, 1992 |
| ALTA #4 | 697 | L6267 | Nov. 23, 1992 |
| ALTA #5 | 536 | L6270 | Sept. 19, 1992 |
| ALTA #6 | 535 | L6269 | Sept. 19, 1992 |
| ALTA #7 | 538 | L6272 | Sept. 19, 1992 |
| ALTA #8 | 537 | L6271 | Sept. 19, 1992 |
| ALTA #1 Fr. | 699 | L6282 | Nov. 08, 1992 |
| ALTA #2 Fr. | 547 | L6283 | Sept. 19, 1992 |
| HILLSIDE #1 | 539 | L6273 | Sept. 19, 1992 |
| HILLSIDE #2 | 540 | L6274 | Sept. 19, 1992 |
| HILLSIDE #3 | 543 | L6277 | Sept. 19, 1992 |
| HILLSIDE #5 | 544 | L6278 | Sept. 19, 1992 |
| HILLSIDE #6 | 545 | L6279 | Sept. 19, 1992 |
| HILLSIDE #7 | 698 | L6280 | Nov. 08, 1992 |
| HILLSIDE #8 | 548 | L6281 | Sept. 19, 1992 |
| HILLSIDE EXT. #3 | 542 | L6276 | Sept. 19, 1992 |
| HILLSIDE EXT. #4 | 541 | L6275 | Sept. 19, 1992 |
| JHANTA Fr. | 2376 | | Apr. 11, 1990 |
| MELLISANDE | 1246 | | Feb. 25, 1990 |

now caved. Gold grades were reported in the range 0.01-0.12 oz with 0.6 - 6.5 oz Ag, 1.7 - 2.5% Zn, 0.3% Cu and 1.0% Pb over widths of 5 - 13 feet (1.5 - 4 m). These results have been confirmed by more recent sampling at the portals of both adits. During the same period, the company drove an adit 150 feet (46 m) SE on the Billyo massive magnetite-pyrrhotite-pyrite zone and encountered low-grade gold, silver and copper over widths up to 30 feet. On the Antimony (No. 1) zone, a 135 foot (41 m) adit, now caved, was opened on a quartz-stibnite vein striking SE-NW and dipping 45 degrees NE.

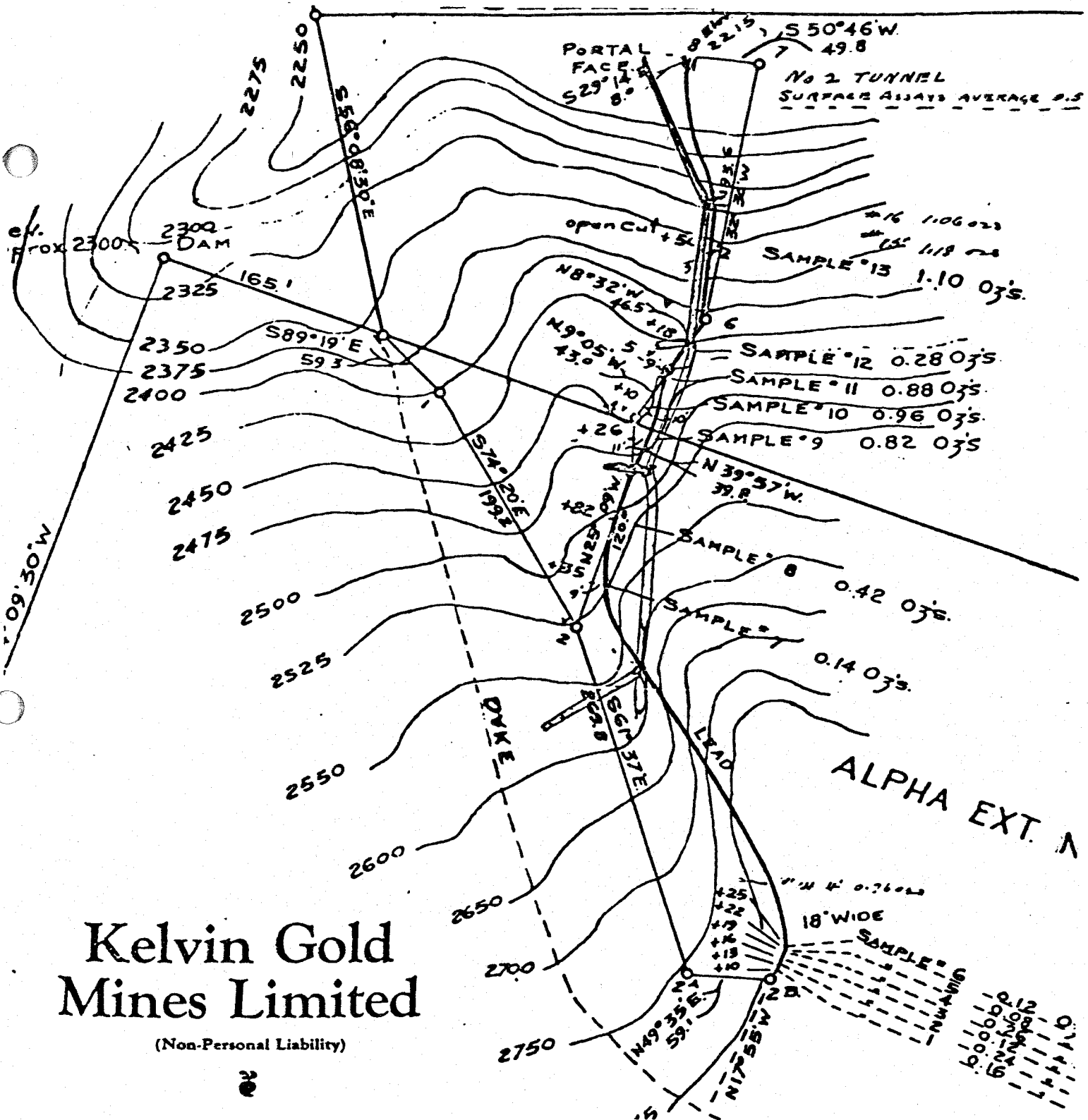
Further work was undertaken on the Leckie structure in 1945-46 when an 85 foot (26 m) winze was sunk and nine surface and underground diamond drill holes were completed. Assay results are not known. During the late 1940's, it is reported that the two short Manner's adits were driven.

Kelvin Gold Mines Ltd. opened the Alma, Bridge and Kelvin adits between 1933 and 1936 when the company ran out of money. The Alma workings follow a quartz-carbonate zone with some pyrrhotite and chalcopyrite but there is very little information available. The Kelvin showing is a narrow vein (Fig. 6) within a shear zone striking SE-NW and dipping 60 - 85 degrees SW. Surface samples carry some high-grade gold (Fig. 6) over narrow widths (0.5 m). In the 700 foot Kelvin adit, assays ranged from 0.01 - 0.088 oz/t Au and tr. - 0.1 oz/t Ag (BCDM - 1936). The Bridge adit is located below the Kelvin adit and was driven on the same vein/shear. The portal lies north of the current Olympic property boundary but the adit extends southeasterly underneath the claims in part. Good gold grades were reported commencing from the portal as follows:

| | | | |
|--------------|---|--------------|----------------------|
| 0 - 105 ft | - | 0.40 oz/t Au | over one foot width |
| 105 - 160 ft | - | 0.23 oz/t Au | over five feet width |
| 160 - 275 ft | - | 0.29 oz/t Au | over five feet width |

Both properties lay largely dormant after the 1940's until they were staked by D. Ingram of Lillooet in 1977. Noranda optioned the ground in 1980 and focussed its attention on the Billyo Zone, where geochemistry indicated a molybdenum anomaly possibly associated with a buried intrusive body. Noranda drilled two short core holes (see Fig. 5 and Appendix 1), which encountered greenstones, sediments and "felsic" breccias, the latter possibly being tectonized Fergusson Group cherts. Locally the core carries pyrite but gold assayed less than 0.005 oz/t.

Lacana Mining Corp. optioned the property in 1983/84 and carried out limited soil geochemistry and diamond drilling. Five holes were drilled as shown in Figure 5 and described



Kelvin Gold Mines Limited

(Non-Personal Liability)

| | | |
|---|------------------|------|
| AVINO MINES & RESOURCES LTD. | | |
| OLYMPIC PROPERTY | | |
| SKETCH MAP OF KELVIN ZONE | | |
| SHOWING SURFACE GOLD ASSAYS | | |
| (CA.1936) | | |
| N.T.S. 92J/15 E | SCALE: 1" = 100' | FIG. |
| DATE: DEC. 1987 | DRAWN: J.C./dw | 6 |

in Appendix 2. Four holes were drilled in the Magee zone and one hole down slope from the Billyo zone. Assays returned low gold grades.

In 1985, E.D.B. group comprising Big 1 Developments and Redwood Resources optioned the property. The group carried out soil geochemistry over part of the claims although no gold analyses were done at the geochemical level. E.D.B. also re-sampled some of the old workings at surface, confirming earlier assay results, and analyzed some of Lacana's ore.

Avino Mines and Resources, Ltd. purchased a 100% interest in the claims in June, 1987. During August, a soil geochemical survey covering virtually the entire property was completed (Figs. 12 a,b).

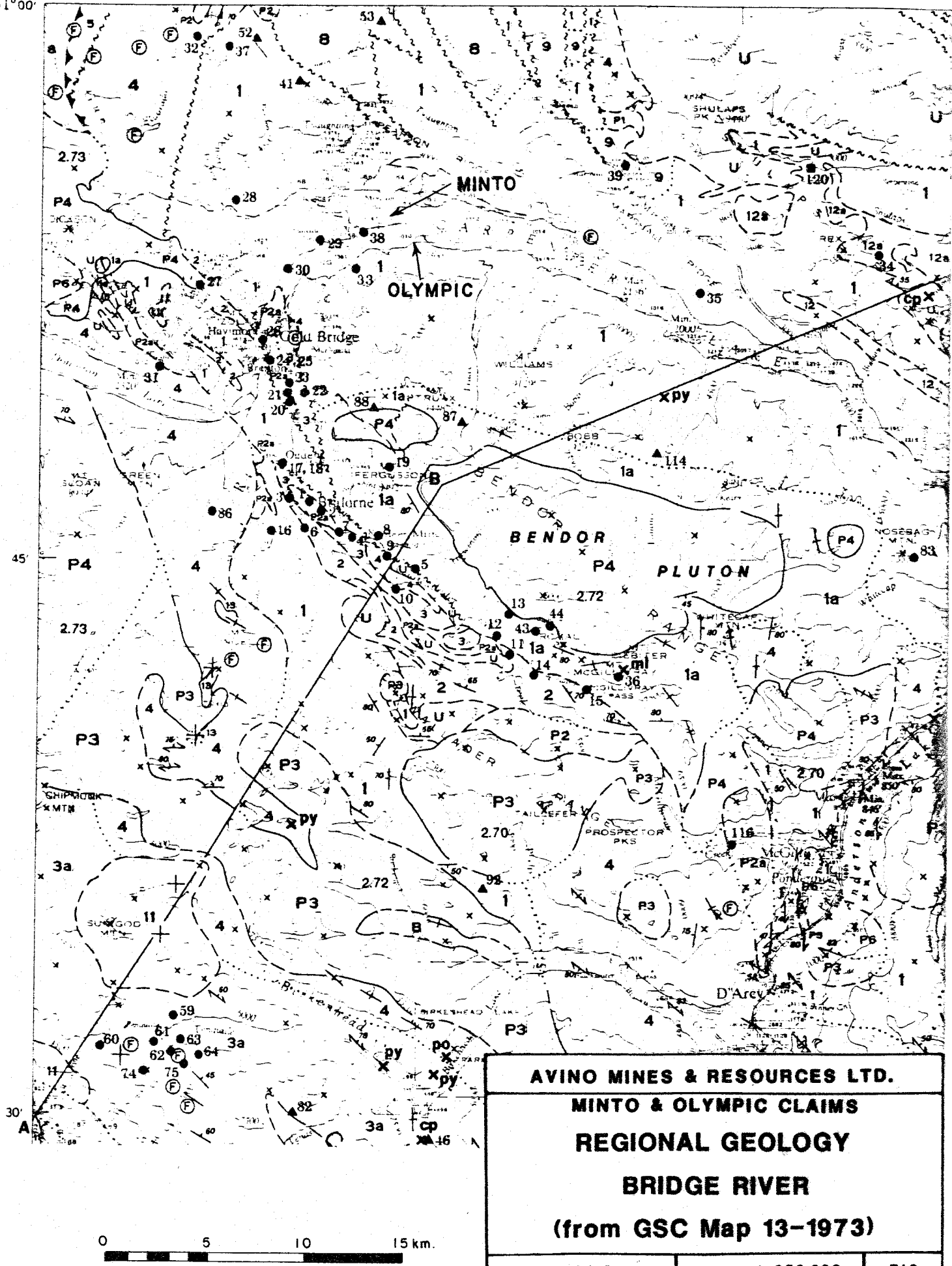
4.0 Regional Geology

The area was mapped in part by the GSC (Cairnes, 1925, 1937, 1943) and more comprehensively by Roddick and Hutchinson in 1970 (GSC Paper 73-17). Currently, Bridge River district is being mapped on a 1:20,000 scale by N. Church of the BCDM (see Fig. 3) and significant revisions to earlier maps are expected.

4.1 GSC - Roddick and Hutchinson

Part of the map sheet covered by Roddick and Hutchinson is shown in Figure 7. They indicate that the entire area surrounding the Minto and Olympic claims is underlain by Middle Triassic and possibly older rocks of the Bridge River group (Unit 1) comprising chert, argillite, phyllite, greenstone and minor limestone. Metamorphic equivalents of these rocks (Unit 1a) form an aureole around the large Bendor granodiorite pluton (Unit P4) of Cretaceous age, some 10 kilometres south of the properties. The assemblage is interpreted as a sequence of oceanic sediments and ocean-floor basaltic lavas, often pillowed. The base of the group is nowhere present in the map sheet and, hence, its total thickness is not known.

The structure of the district is thought to be a broad anticlinorium plunging north along an axis following Marshall Ridge and Tyaughton Lake. In detail, however, the structure is very complex due to polyphase deformation within the Bridge River group. Younger strata appear to be less strongly deformed.



AVINO MINES & RESOURCES LTD.
MINTO & OLYMPIC CLAIMS
REGIONAL GEOLOGY
BRIDGE RIVER
(from GSC Map 13-1973)

| | | |
|------------------|------------------|------|
| N.T.S. 92 J/15 E | SCALE: 1:250,000 | FIG. |
| DATE: DEC. 1987 | DRAWN: J.C./dw | 7 |

LEGEND FROM MAP 13-1973

PROPERTY LIST

MESOZOIC

JURASSIC AND CRETACEOUS

UPPER JURASSIC AND LOWER CRETACEOUS RELAY MOUNTAIN GROUP

6 Argillite; greywacke and pebble conglomerate

JURASSIC

LOWER JURASSIC

5 Argillite and shale; minor sandstone, limestone and pebble conglomerate

TRIASSIC

UPPER TRIASSIC

U Ultrabasic rocks

4 HURLEY FORMATION: Thin-bedded limy argillite, phyllite, limestone, tuff, conglomerate, agglomerate, andesite, and minor chert

3 PIONEER FORMATION: Greenstone derived from andesitic flows and pyroclastic rocks; 3a, andesite breccia, tuff and flows, greenstone; minor rhyolitic breccia and flows, slate, argillite, limestone and conglomerate

2 NOEL FORMATION: Thin-bedded argillite; chert, conglomerate and greenstone

MIDDLE TRIASSIC AND (?) OLDER

BRIDGE RIVER GROUP (FERGUSON GROUP)

1 Chert, argillite, phyllite and greenstone; minor limestone, schist; 1a, metamorphosed rock of map-unit 1; mainly biotite schist

METAMORPHIC AND PLUTONIC ROCKS

(Mostly of unknown age)

B Metasedimentary rocks, mainly micaceous quartzite, biotite-hornblende schist, and minor schists bearing garnet, staurolite and possibly sillimanite

A Granitoid gneiss, migmatitic complexes, minor amphibolite and biotite schist

P6 Granite

P5 Quartz monzonite

P4 Granodiorite; 4a, microlitic granodiorite and syenodiorite

P3 Quartz diorite

P2 Diorite; 2a, Bralorne intrusions: Augite diorite, gabbro, minor soda granite and quartz diorite

P1 Gabbro

U Ultrabasic rocks: serpentine, peridotite, dunite

| | |
|----|--|
| 14 | Royal (Am) |
| 15 | Standard (Am) |
| 16 | Short of Bacon (Am) |
| 17 | Grill (Am) |
| 18 | Shewee (Am) |
| 19 | Wainio (Am) |
| 20 | California (Am) |
| 21 | Wysox (Am) |
| 22 | Gloria Kitty and Jewess (Am) |
| 23 | Forty Thieves (Am) |
| 24 | Arizona (Am) |
| 25 | Golden Gate (Am) |
| 26 | Haymow (Am) |
| 27 | Pilot (Am) |
| 28 | S & F (Am) |
| 29 | Congress (Am, Ag) |
| 30 | Wayside (Am) |
| 31 | Veritas (Am) |
| 32 | White and Bell (Am) |
| 33 | Radiance (Sh, Am) |
| 34 | Spokane (Am) |
| 35 | Summit (Am) |
| 36 | Empire (Am) |
| 37 | Wide West |
| 38 | Sibetta (Sh) |
| 39 | Primrose (Am) |
| 40 | Bees Exp. |
| 41 | Charlotte, Am (Hg) |
| 42 | London (Cu, Fe) |
| 43 | Chaico 3 (W, Cu) |
| 44 | Chaico 12 (W, Cu) |
| 45 | N. Texas, Flo, Pae (Cu, Au, Ag, Fe) |
| 46 | Apex (Fe) |
| 47 | Copper Queen (OWL CR. A Zone) (Cu, Mo) |
| 48 | Annie (Cu) |
| 49 | Lucky Strike, Ricky |
| 50 | Paul (Hg) |
| 51 | Owl Cr. B Zone (Cu, Mo) |
| 52 | Owl Cr. C Zone (Cu, Mo) |
| 53 | Eagle (Cu, Fe, Zn) |
| 54 | Lake (Cu, Fe, Zn) |
| 55 | Boulder (Cu, Zn, Ag, Fe) |
| 56 | Melba (Eva) (Cu, Ag, Zn) |
| 57 | Copper Mountain (Fe, Cu, Zn, Hg) |
| 58 | Seneca (Cu, Fe) |
| 59 | Wonder (Pb, Zn, Cu) |
| 60 | Silver Bell (Pb, Ag, Au, Cu, Zn) |
| 61 | Li-Li-Kai (Gerdiron) (Ag, Pb, Zn, Au) |
| 62 | Pemberton (Cu) |
| 63 | Margery (Zn, Fe, Au, Pt) |
| 64 | Fitzsimmons (Cu) |
| 65 | Owl Mountain (Northstar) (Fe, Au, Ag) |
| 66 | Crown (Ag, Zn, Cu, Pb, Fe) |
| 67 | Gold King (Ag, Au, Zn, Pb) |
| 68 | Cougar (Fe) |
| 69 | Index (Mo) |
| 70 | Silver Queen (Ag, Pb, Zn) |
| 71 | Patrick, (Ag, Pb, Zn) |
| 72 | J (Py) |
| 73 | Gle (Yea) (W, Cu, Zn) |
| 74 | Lutra (Flora) (W, Mo) |
| 75 | Sibetta (Lost Gold) (Sh) |
| 76 | Truss (Spruce) (Am, Sh) |
| 77 | Rock (Ag, Sh) |
| 78 | RM (Cu) |
| 79 | See (Cy, Mo) |
| 80 | Ample, (Golden Cakes) (Am) |
| 81 | Red Eagle (Hg) |
| 82 | Golden Eagle (Hg) |
| 83 | Santos (Am, Ag) |
| 84 | Barkley Valley Mines (Am, Ag) |
| 85 | Golden Contact, (Brett Group) (Am) |
| 86 | Escalator, (Jumbo) (Cu, Au, Ag, Pb) |
| 87 | Congress (Am) |
| 88 | Golden (Am) |
| 89 | Yalacum, (Ridge) (Mo) |

In addition to the Bendor intrusions, there are other important plutonic rocks in the area. The Bralorne intrusions (Unit P2a) outcropping between Gold Bridge and Bralorne, form complex bodies of diorite, soda granite and greenstone, within which occur the prolific Bralorne-Pioneer gold mines and several other significant vein deposits. The age of the Bralorne intrusions is under debate but is thought by some workers to be Middle to Upper Triassic, possibly coeval with Mafic volcanic rocks in the Bridge River group.

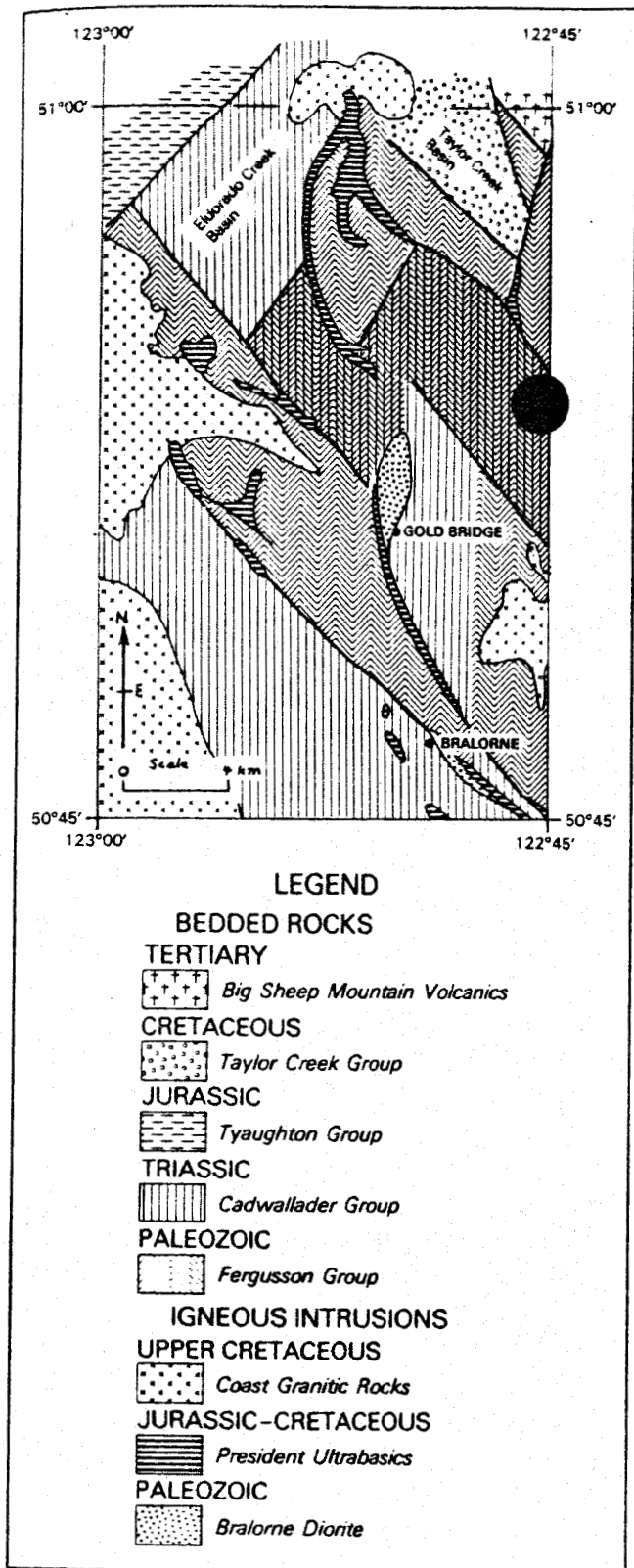
Swarms of porphyry dikes are common in the district, generally trending northerly to north-westerly. They may be related to Bendor-age plutonium and commonly occupy shear zones that have been subsequently mineralized with gold, as on the Minto and Olympic properties.

4.2 BCDM - Church (BCDM Paper 87-1)

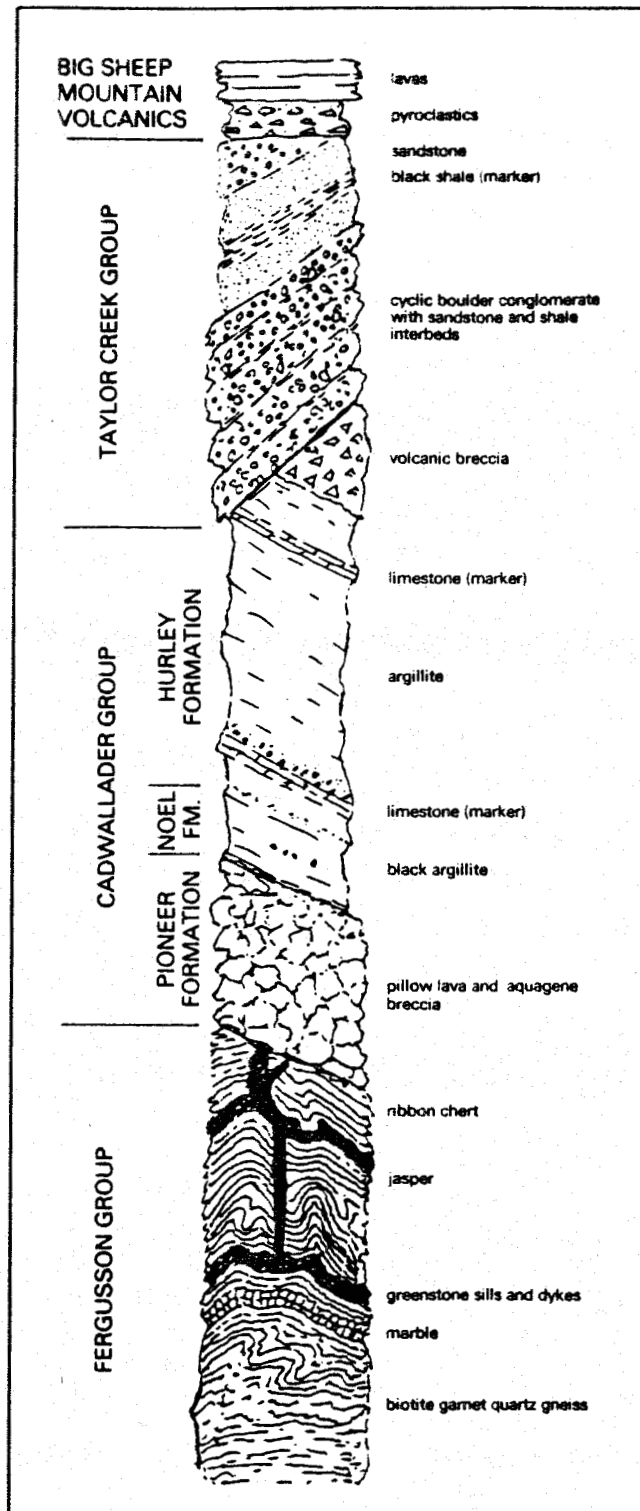
Church considers the Bridge River group to be a polyglot unit incorporating formations of distinctly different ages. Hence, he has proposed to re-introduce the Fergusson Group terminology to include only ribbon cherts, which are considered to be pre-Permian in age, probably equivalent to Cache Creek rocks further east (Fig. 8). Greenstones within the chert are interpreted on textural evidence to be sills and feeder dykes to overlying Pioneer pillow lavas, the lowest formation of the Middle-Upper Triassic Cadwallader group. Pioneer rocks are overlain by argillaceous strata of the Noel and Hurley Formations. Church also differs from earlier workers in ascribing a Paleozoic age to the Bralorne Intrusions on the basis of Zircon dates.

Fergusson cherts are thought to attain a thickness of at least 1000 metres (3,280 ft). The beds are typically thin ribbons of recrystallized quartz locally intricately folded and veined by quartz. In places, cataclasis has overprinted beds to form intensely milled breccias resembling quartz-pebble conglomerate. One discontinuous marble horizon has been noted on the map sheet.

The Cadwallader Group reaches a thickness of 2300 metres (7,550 ft). The Pioneer formation is at least 300 metres (1000 ft) thick. It comprises massive green and purplish-red amygdaloidal pillow basalts with minor aquagene tuff and limestone horizons. Locally, fine-grained gabbroic phases are evident. The Noel Formation comprises thinly bedded black argillite and siltstone up to 800 metres thick with some bands of dark limestone. The Hurley formation reaches



Generalized geology of the Gold Bridge area (92J/15W).



Stratigraphy in the Gold Bridge mining camp.

AVINO MINES & RESOURCES LTD.

MINTO & OLYMPIC CLAIMS

GEOLOGY & STRATIGRAPHY

BRIDGE RIVER AREA

(After Church, B.C.D.M. 1986)

| | | |
|-----------------|-----------------|------|
| N.T.S. 92J/15E | SCALE: As Shown | FIG. |
| DATE: DEC. 1987 | DRAWN: J.C./dw | 8 |

1200 metres in thickness and consists of variably coloured argillites with some silty and sandy layers and two limestone marker beds.

Structurally, the map sheet is dominated by a set of orthogonal structures. The north-north-east structures are interpreted as tension faults separating horst and graben blocks. The north-west structures are thought to be a principal shear direction in a regional stress regime.

The BCDM geological map sheet (Fig. 8) just incorporates the Minto and Olympic properties. They are shown to be underlain by both Fergusson (Chevron pattern) and Cadwallader group (vertical stripes) rocks, whose inter-relationship has not been determined in detail in the vicinity of the claims.

5.0 Property Geology

5.1 Minto

The Minto property is underlain largely by cherty sediments of the Fergusson Group (using Church's nomenclature) and basaltic rocks (greenstones) of the Pioneer member of the Cadwallader Group (Fig. 9). Basalts dominate the higher terrain in the west and north-west sectors of the property, with cherts mainly in the east and southeast. One large mass of basalt also occupies the north-east corner of the claims. Narrow bands of greenstone in cherts exposed along the Gold Bridge - Lillooet road may represent feeder dikes to the large basalt masses occupying the higher parts of the property. Feldspar porphyry dikes are also evident along the road section and occupy some mineralized shear zones on the property (i.e the main Minto mine in the southern part of the claims). Serpentine has also been reported locally.

Strata strike northerly and, in general, exhibit steep dips although it is known that Fergusson cherts are commonly complexly contorted and, hence, difficult to interpret structurally. Therefore, it is possible that the stratigraphic package as a whole on the property may be more gently inclined than field evidence suggests.

Ore zones comprise quartz-carbonate veins with malachite in silicified and carbonatized shear zones carrying disseminations and replacements of pyrite, arsenopyrite, stibnite, chalcopyrite, galena and sphalerite. Rare tetrahedrite, jamesonite, bismuth, and native gold have been reported. At the Minto mine, gold was associated with the above ore minerals in a N-S vein/shear invaded by a feldspar porphyry dike with a chert and serpentinite hanging wall and basalt footwall. Gold assays up to 1.66 oz/t over 152 feet (46.3 m) were reported on the 400-foot level of the mine.

5.2 Olympic

The property has not been mapped adequately and, hence, the geology is poorly understood. The lower northern parts of the ground are believed to be underlain by Ferguson cherts, tectonized to form widespread breccias. These rocks have been altered to hornfels in proximity to a dioritic pluton exposed near the eastern boundary of the claim block and possibly plunging gently westward toward the lower reaches of Marquis Creek. Pioneer pillow lavas have been noted in the central part of the property, where they may represent as much as a 300-meter-thick (1000 ft) section. Silty sedimentary rocks, possibly Noel or Hurley Formations, are thought to be exposed in the more remote upper parts of the property although this needs to be confirmed by detailed mapping. Other intrusive rocks noted include dikes of feldspar porphyry, greenstone and serpentinite.

Ore zones typically are narrow irregular quartz-carbonate veins within much wider shear zones generally trending in a NW-SE direction (i.e. Kelvin and Magee zones). Ore minerals typically comprise pyrite, arsenopyrite, chalcopyrite, galena and sphalerite. The unique Billyo zone comprises pyrite, pyrrhotite, magnetite and minor chalcopyrite and sphalerite in a skarn probably related to the diorite intrusion outcropping in the eastern extremity of the property. Stibnite is common in the Antimony zone, the highest known occurrence in elevation and may reflect a vertical mineral zoning on the property.

6.0 Results of 1987 Exploration

During July and August soil geochemical surveys were carried out on the Minto and Olympic properties. Follow-up trenching was conducted on Minto in October.

6.1 Minto

A total of 249 soil samples was collected on the Minto claims at 25-meter intervals and 100-meter line spacings during the summer of 1987. Multi-element analytical data are presented in Appendix 3. The purpose of the survey was to fill in a geochemical grid established in 1985, during which time four new gold zones, the Winter, Rainbow, Ponderosa and View, were identified (Figure 11). The

Ponderosa, Winter and Rainbow Zones were exposed by trenching also in 1985 but no apparent source of the View Zone was found. Geochemical data for the combined 1985 and 1987 surveys for gold/arsenic and silver/antimony are given in Figures 10a and 10b respectively.

Statistical analysis of the 1987 data indicates the following characteristics for the elements gold, arsenic, silver and antimony:

| <u>Element</u> | <u>Mean</u> | <u>Std. Deviation</u> | <u>Threshold(1</u> | <u>Anomalous(2</u> |
|----------------|-------------|-----------------------|--------------------|--------------------|
| Au(ppb) | 70.46 | 143.16 | 213.62 | 356.78 |
| As(ppm) | 78.55 | 161.1 | 239.65 | 400.75 |
| Ag(ppm) | 0.85 | 0.48 | 1.33 | 1.81 |
| Sb(ppm) | 6.37 | 10.65 | 17.02 | 27.67 |

- (1) Mean + 1 Std. Deviation
 (2) Mean + 2 Std. Deviation

The plotted data for gold/arsenic in particular show a strong E-W anomaly in the View Zone and sporadic anomalous samples over the Ponderosa, Winter and Rainbow Zones. The trace of the old Minto mine northward from the Warren adit does not have a good geochemical signature. The same conclusion can be reached regarding the 1987 trench discoveries north of L 600 N on the base line (Figure 11), where good grade gold and antimony was exposed in the Minto North Zone. A likely explanation is that the new discovery lies in a depression where the overburden is heavier than in adjacent areas. Assay data from the trenching is presented in Appendix 4.

6.2 Olympic

A total of 1093 soil samples was collected on 25-meter intervals on lines spaced 100 meters apart. Multi-element analytical data are given in Appendix 5. The purpose of the survey was to obtain comprehensive geochemical coverage of the property for the first time with a view to outlining precious-metal anomalies not identified by earlier workers.

Results for gold/arsenic and silver/antimony are plotted on Figures 12a and 12b respectively.

TABLE 3
OLYMPIC CLAIMS -PROBABLY ANOMALOUS SAMPLES

| <u>Grid</u> | <u>Location</u> | <u>Au</u> | <u>As</u> | <u>Ag</u> | <u>Sb</u> |
|-------------|-----------------|-----------|-----------|-----------|-----------|
| 16 S | 127 SE | x | x | | x |
| 13 S | 122 SE | x | x | | |
| 11 S | 14 E | x | | | |
| 10 S | 7 E | x | x | x | x |
| 10 S | 550 W | x | x | | x |
| 10 S | 275 W. | x | | | |
| 10 S | 8 W | x | x | | x |
| 8 S | 750 W | x | x | | |
| 7 S | 1225 E | x | x | | x |
| 6 S | 2 E | | x | x | x |
| 6 S | 575 E | | x | | |
| 5 S | 9 W | | x | | x |
| 3 S | 275 W | x | x | | |
| 3 S | 850 W | x | x | | |

Statistical data for the four key elements gold, arsenic, silver and antimony are listed below.

| <u>Element</u> | <u>Mean</u> | <u>Std. Deviation</u> | <u>Threshold(1)</u> | <u>Anomalous(2)</u> |
|----------------|-------------|-----------------------|---------------------|---------------------|
| Au(ppb) | 11.2 | 32.9 | 44.1 | 77.0 |
| As(ppm) | 38.3 | 180.2 | 218.5 | 398.7 |
| Ag(ppm) | 0.96 | 2.03 | 2.99 | 5.02 |
| Sb(ppm) | 8.5 | 49.3 | 57.8 | 107.1 |

- (1) Mean + 1 Std. Deviation
 (2) Mean + 2 Std. Deviations

A number of samples outside of previously defined gold zones are probably anomalous in one or more of the above-listed metals. Grid locations and probably anomalous elements for 14 samples are listed in Table 3. These anomalous samples should be followed up with in-fill soil sampling and prospecting.

7.0 Recommendations

Proposed work programs for both properties are described for each claim block together with estimated budgets.

7.1 Minto

The property has reached a stage where preliminary drilling is required to explore mineralized structures at depth. Some additional trenching on the Minto North Zone is warranted prior to drilling on the zone. Three angled holes (240 m) are recommended on the Minto North and one angled hole (130 m) on the View Zone. Three holes (280 m) are recommended on the Winter/Rainbow Zones.

The Phase I program at Minto is estimated to cost as follows:

| | |
|---|----------|
| Trenching - 2 days @ \$1000 | \$ 2,000 |
| Drilling - 650 meters (7 holes) @ \$75/m NQ/BQ inclusive | 48,750 |
| Assays - 100 assay @ \$15 | 1,500 |
| Geologist - 15 days @ \$200 | 3,000 |
| Room & Board - 15 days @ \$30 | 600 |
| Vehicles - 15 days @ \$30 | 600 |
| Supplies, shipping etc. | 800 |
| Report prep., Drafting | 2,750 |
| TOTAL | \$60,000 |

Phase II would be conditional upon results of Phase I and, assuming favourable results, a major drill program amounting to 2000 meters in 15 holes is recommended. A cost estimate for Phase II is presented below:

| | |
|--|-----------|
| Drilling - 2000 m (15 holes NQ/BQ) @ \$75/m | \$150,000 |
| Geologist & Assistant - 45 days @ \$300 | 13,500 |
| Assays - 150 assays @ \$15 | 2,250 |
| Room & Board - 90 man-days @ \$30 | 2,700 |
| Vehicles - 45 days @ \$30 | 1,350 |
| Supplies, shipping, etc. | 1,200 |
| Report prep., Drafting | 4,000 |
| TOTAL | \$175,000 |

The purpose of Phase II drilling would be to determine the continuity of gold bearing structures to a depth of 180 meters (600 ft.).

7.2 Olympic

Preliminary geochemical results are encouraging and at least 14 separate anomalies require follow-up. Anomalies that are confirmed by resampling will require trenching using a Caterpillar 225 backhoe or equivalent. The entire property requires geological mapping.

A Phase I program is costed below. The purpose of the work would be to identify targets for subsequent diamond drilling.

| | |
|---|-----------------|
| Mapping/Prospecting - Geologist & Assistant 409 days @ \$300 | \$12,000 |
| Geochemical Follow-up - (200 samples) | 2,000 |
| Geochemical Analyses - 200 samples @ \$11 | 2,200 |
| Trenching - 20 days @ \$1000 | 20,000 |
| Assays - 200 samples @ \$15 | 3,000 |
| Room & Board - 90 man-days @ \$30 | 2,400 |
| Vehicles - 40 days @ \$30 | 1,200 |
| Supplies, shipping, etc. | 700 |
| Report writing, drafting | 3,500 |
| TOTAL | <u>\$47,000</u> |

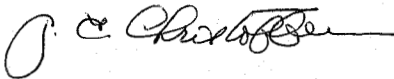
Phase II would be a drilling phase, conditional on the results of Phase I. Assuming five targets to be followed up, 1000 meters of drilling in 10 holes could be allocated. Cost estimates are as follows:

| | |
|---|-----------------|
| Drilling - 1000 m (NQ/BQ) @ \$75/m inclusive | \$75,000 |
| Geological Supervision & Assistant 20 days @ \$300 | 6,000 |
| Assays - 100 samples @ \$15 | 1,500 |
| Room & Board 40 man-days @ \$30 | 1,200 |
| Vehicles - 20 days @ \$30 | 600 |
| Supplies, shipping, etc. | 1,700 |
| Report prep., drafting | 4,000 |
| TOTAL | <u>\$90,000</u> |

8.0 Statement of Qualifications

- 1) I, Jan E. Cristoffersen, reside at 14070 Greencrest Drive, White Rock, B.C.
- 2) I am a graduate of the University of Toronto where I received a B.A.Sc. degree in Geological Engineering in 1968.
- 3) I have practiced as an exploration geologist on a full-time basis for 19 years.
- 4) I am a full member of the Association of Professional Engineers of the Province of British Columbia.
- 5) The information in this report is based on available company records, published and unpublished reports and personal knowledge of the properties.
- 6) I have no direct interest, nor do I expect to receive any, in Avino Mines and Resources Ltd. and its affiliates.





J. E. Christoffersen, P. Eng.
January 15, 1988

APPENDIX 1
(Noranda Exploration)

Diamond Drilling - 1980 (B.C. Assessment Report #8954)

Two holes were drilled totalling 265.8 m. Both holes were drilled in the Billyo Zone on the access road to the old Olympic camp.

DDH-1 (137.5 m) was collared at an elevation of 889 meters and drilled at an azimuth of 040° and dip of -50° . The core comprises "felsic" breccias and siltstone to 57.5 m and mainly greenstones from 57.5 m to the end of the hole. Ore minerals include minor pyrite (2-3 %) over local one-meter intervals with traces of chalcopyrite and molybdenite. No core was assayed.

DDH-2 (128.3 m) was collared at an elevation of 928 meters and drilled at an azimuth of 220° and dip of -50° . It encountered greenstones to 19 m followed by "felsic" breccias and siltstone to the end of the hole. Ore minerals include disseminated pyrite up to 2-4% over one meter and some magnetite. Two assays returned 0.0005 oz/t Au, 0.07 oz/t Ag, 0.16% Cu from 59.7-60.7 m and 0.002 oz/t Au, 0.10 oz/t Ag, 0.13% Cu from 61.2-62.2 m.

APPENDIX 2
(Lacana Mining Corporation)

1984 WORK PROGRAMME (B.C. Assessment Report #12,607)

Diamond Drilling

Five holes were drilled for a total of 306.7 m.

DDH 84-1-(117 m) was drilled at a bearing of 60° at a dip of -45° from 12 m east of the junction of the Grayrock Road and Marquis Creek. This hole was drilled to test the footwall zone of the Billy-0 massive sulphide horizon. The hole was drilled at 20° to 45° to bedding and encountered a series of Andesite to Dacite pyroclastics with chert horizons and breccias and minor Andesite Tuff. These rocks contained 1% to 2% pyrite overall and up to 20% pyrite locally. Assays of sludge samples returned six samples between 10 ppb Au and 40 ppb Au. The other 30 sludge samples were -5 ppb. 18 core samples assayed returned one value of 0.005 oz/t Au and 17 samples -0.003 oz/t Au.

DDH 84-2-(61 m) was drilled at a bearing of 210° and at a dip of -45°. The hole was collared 10 m at 60° from the portal of the Magee adit. This hole intersected and crossed the Magee Shear at 30° to the attitude of the shear. A .8 m sample across a quartz vein containing 20% combined pyrite, arsenopyrite, sphalerite, and chalcopyrite assayed 0.04 oz/t Au. A 1.2 m bleached zone of the footwall ran 0.005 oz/t Au and a 1.5 m bleached zone on the hanging wall ran 0.007 oz/t Au. 20 other samples taken of pyrite rich pyroclastics, bleached zones in the shear, and a .9 m quartz vein with 20% combined sulphides assayed 0.003 oz/t Au.

DDH 84-3-(120 m) was drilled at a bearing of 210° and a dip of 45° and was collared 48.0 m at a bearing of 132° from the North end of the Leckie Dump. This hole intersected and crossed the Magee Shear at 20° to the attitude of the shear. Of 13 core samples assayed, eight were 0.003 oz/t Au. Five samples in a zone of pervasive quartz stringers and bleaching assayed between 0.004 oz/t Au and 0.011 oz/t Au over a core length of .50 m.

DDH 84-4-(45.7 m) was drilled at a bearing of 90° and a dip of -45° and was collared 45.3 m at a bearing of 156° from the North end of the Leckie Dump. This hole intersected the Magee Shear at 35° to the attitude of the shear. Of 15

core samples assayed 13 were 0.003 oz/t Au. The other two assays ran 0.006 oz/t Au and 0.008 oz/t Au and were in .25 m and a .7 m quartz vein.

DDH 84-5-(45.7 m) was collared at the same location as DDH 34-4 and drilled at a bearing of 90° and a dip of -60°. This hole intersected and crossed the Magee Shear at 40° to shear attitude. Of 12 core samples assayed seven were 0.003 oz/t Au. The remaining five assays ranged from 0.005 oz/t Au to 0.048 oz/t Au. These last assays were confined to quartz stringers within 2 m of quartz veins.

APPENDIX 3

Minto Soil Geochemical
Data

AVINO MINES & RESOURCES LTD.

MINTO MINE PROPERTY

MINTO PROPERTY GEOLOGY

N.T.S. 92J/15E

SCALE: 1:5405

FIG.

DATE: DEC. 1987

DRAWN: J.C./dw

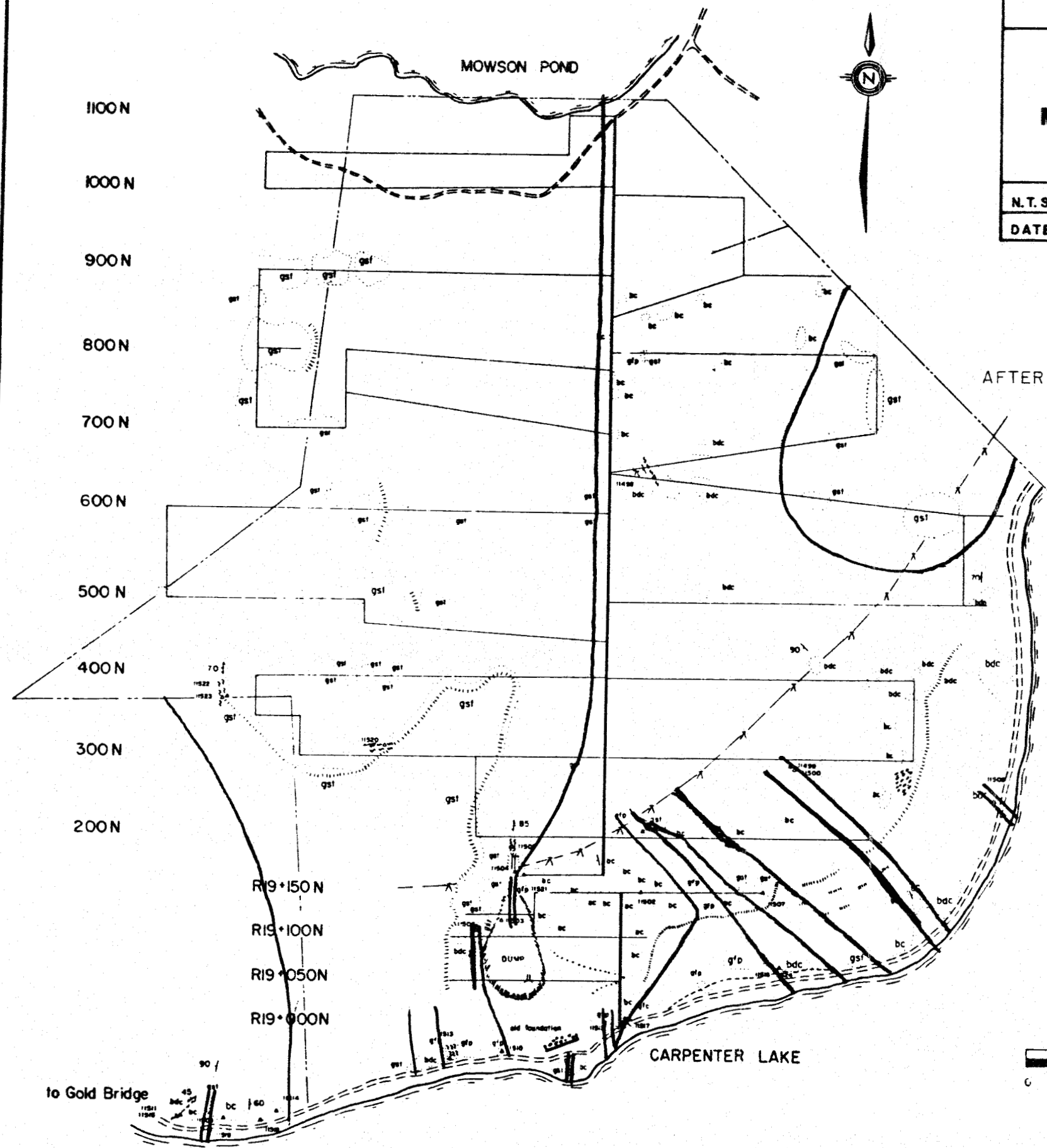
9

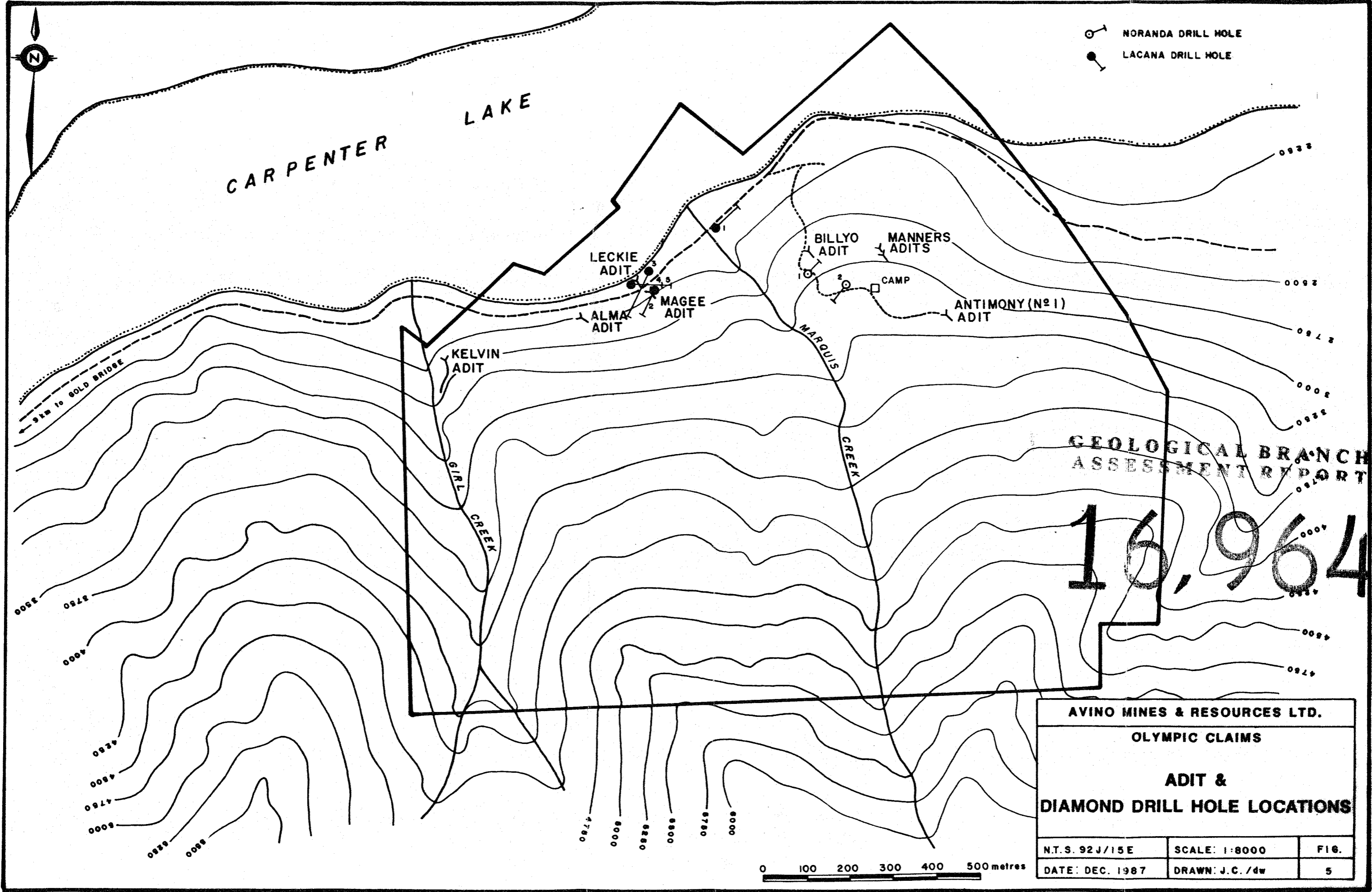
AFTER: Montgomery Consultants Ltd. 20 Sept. 85

LEGEND

- | | | | |
|--|----------------------------|--|-------------------------|
| | roads | | gossan |
| | trail | | chert (broken; bedded) |
| | cliff | | greenstone |
| | hydro line | | green feldspar porphyry |
| | survey grid | | dacite chert breccia |
| | claim boundary | | |
| | adit | | |
| | assay | | |
| | outcrop | | |
| | shear zone | | |
| | shear attitude | | |
| | bedding / contact attitude | | |

meters





○ NORANDA DRILL HOLE
● LACANA DRILL HOLE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,964

| | | |
|--|----------------|------|
| AVINO MINES & RESOURCES LTD. | | |
| OLYMPIC CLAIMS | | |
| ADIT & DIAMOND DRILL HOLE LOCATIONS | | |
| N.T.S. 92J/15E | SCALE: 1:8000 | FIG. |
| DATE: DEC. 1987 | DRAWN: J.C./dw | 5 |

0 100 200 300 400 500 metres

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Analytical Report

Company: AVINO MINES
Project: MINTO MINE
Attention:

File: 7-903
Date: AUGUST 5/87
Type: SOIL GEOCHEM

Date Samples Received : JULY 27/87
Samples Submitted by :

Report on 249 SOILS..... Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:
1. AVINO MINES, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh-80..... Ground to mesh

Prepared samples stored:.....X..... discarded:.....
rejects stored:..... discarded:.....X.....

Methods of analysis:

12 ELEMENT ICP TRACE
AU - WET A.A.

Remarks

COMPANY: AILING MINES
 PROJECT NO: MINTO MINE
 ATTENTION:

MIN-EN LABS (CP REPORT)
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4524

(ACT:G31) PAGE 1 OF 1
 FILE NO: 7-9035/P1+2
 DATE: AUGUST 5, 1987

| (VALUES IN PPM) | AG | AS | BA | CO | CU | MM | MO | NI | PB | SB | ZN | W | AU-PPB |
|-----------------|-----|------|-----|----|-----|------|----|-----|-----|----|------|----|--------|
| MM250N 25M | .8 | 29 | 190 | 15 | 61 | 890 | 2 | 105 | 19 | 5 | 297 | 3 | 50 |
| MM250N 50M | 1.0 | 94 | 113 | 15 | 90 | 471 | 1 | 106 | 13 | 4 | 106 | 1 | 60 |
| MM250N 100M | 1.2 | 94 | 150 | 24 | 100 | 854 | 3 | 149 | 53 | 7 | 298 | 5 | 160 |
| MM250N 250M | 1.0 | 22 | 115 | 19 | 70 | 1144 | 1 | 76 | 23 | 2 | 145 | 2 | 5 |
| MM250N 275M | 1.9 | 19 | 134 | 21 | 69 | 760 | 1 | 36 | 9 | 1 | 176 | 5 | 10 |
| MM250N 350M | 1.6 | 9 | 126 | 27 | 112 | 1001 | 3 | 60 | 16 | 1 | 192 | 4 | 5 |
| MM250N 25E | .8 | 55 | 118 | 12 | 47 | 390 | 1 | 89 | 14 | 14 | 118 | 1 | 150 |
| MM250N 50E | .7 | 20 | 125 | 9 | 42 | 530 | 1 | 64 | 3 | 8 | 169 | 1 | 70 |
| MM250N 75E | 1.1 | 11 | 143 | 12 | 41 | 555 | 1 | 93 | 11 | 11 | 211 | 1 | 120 |
| MM250N 100E | .9 | 25 | 147 | 12 | 46 | 520 | 1 | 110 | 15 | 9 | 145 | 1 | 110 |
| MM250N 125E | 1.3 | 19 | 254 | 12 | 67 | 733 | 1 | 102 | 4 | 4 | 270 | 4 | 70 |
| MM250N 150E | .8 | 6 | 154 | 14 | 41 | 714 | 1 | 96 | 4 | 10 | 179 | 5 | 60 |
| MM250N 175E | .8 | 19 | 193 | 10 | 42 | 481 | 2 | 90 | 3 | 4 | 274 | 5 | 55 |
| MM250N 200E | 1.2 | 21 | 142 | 11 | 38 | 511 | 1 | 84 | 7 | 10 | 207 | 3 | 220 |
| MM250N 225E | 1.1 | 26 | 150 | 10 | 41 | 411 | 2 | 87 | 6 | 8 | 174 | 1 | 5 |
| MM250N 250E | 1.2 | 31 | 142 | 11 | 47 | 436 | 1 | 108 | 10 | 11 | 198 | 3 | 30 |
| MM250N 275E | 1.8 | 160 | 340 | 28 | 167 | 1194 | 2 | 254 | 4 | 13 | 896 | 12 | 50 |
| MM250N 300E | .8 | 239 | 128 | 12 | 79 | 395 | 2 | 278 | 25 | 10 | 333 | 1 | 50 |
| MM250N 325E | 1.0 | 339 | 198 | 31 | 165 | 979 | 2 | 236 | 102 | 24 | 623 | 8 | 40 |
| MM250N 350E | 1.6 | 1024 | 324 | 12 | 152 | 712 | 1 | 89 | 280 | 93 | 731 | 5 | 280 |
| MM300N 250M | .8 | 16 | 149 | 14 | 45 | 800 | 1 | 66 | 6 | 3 | 140 | 5 | 30 |
| MM300N 275M | .8 | 25 | 140 | 16 | 53 | 772 | 1 | 75 | 16 | 3 | 130 | 1 | 10 |
| MM300N 300M | .9 | 9 | 220 | 20 | 76 | 770 | 1 | 91 | 17 | 3 | 172 | 6 | 5 |
| MM300N 325M | .8 | 18 | 113 | 14 | 66 | 475 | 3 | 82 | 4 | 2 | 137 | 5 | 5 |
| MM300N 350M | .9 | 13 | 154 | 14 | 65 | 475 | 1 | 102 | 4 | 6 | 164 | 1 | 5 |
| MM350N 25M | .8 | 3 | 132 | 13 | 38 | 485 | 2 | 95 | 14 | 3 | 213 | 1 | 30 |
| MM350N 75M | .8 | 19 | 180 | 14 | 73 | 854 | 3 | 102 | 16 | 1 | 253 | 6 | 10 |
| MM350N 100M | .9 | 42 | 163 | 17 | 115 | 1583 | 4 | 57 | 4 | 8 | 192 | 1 | 5 |
| MM350N 225M | .6 | 2 | 147 | 8 | 25 | 750 | 1 | 28 | 8 | 1 | 134 | 2 | 40 |
| MM350N 250M | .5 | 10 | 183 | 14 | 46 | 541 | 1 | 61 | 9 | 1 | 149 | 5 | 50 |
| MM350N 275M | .4 | 28 | 133 | 11 | 46 | 436 | 1 | 75 | 9 | 14 | 136 | 1 | 5 |
| MM350N 300M | .5 | 9 | 167 | 12 | 43 | 608 | 1 | 86 | 7 | 5 | 214 | 1 | 5 |
| MM350N 325M | .5 | 24 | 144 | 13 | 54 | 507 | 2 | 101 | 15 | 5 | 165 | 6 | 5 |
| MM350N 350M | .5 | 16 | 140 | 12 | 62 | 464 | 1 | 93 | 6 | 8 | 135 | 2 | 40 |
| MM350N 25E | .9 | 15 | 147 | 12 | 45 | 455 | 1 | 108 | 10 | 3 | 106 | 1 | 5 |
| MM350N 50E | .7 | 17 | 114 | 15 | 51 | 398 | 2 | 146 | 14 | 5 | 114 | 1 | 140 |
| MM350N 75E | .8 | 27 | 174 | 16 | 40 | 331 | 1 | 61 | 6 | 6 | 469 | 2 | 80 |
| MM350N 100E | 1.0 | 28 | 190 | 13 | 49 | 569 | 3 | 89 | 13 | 6 | 103 | 4 | 70 |
| MM350N 125E | .7 | 12 | 121 | 14 | 41 | 586 | 1 | 92 | 10 | 6 | 142 | 1 | 10 |
| MM350N 150E | .9 | 5 | 152 | 12 | 47 | 464 | 1 | 86 | 11 | 5 | 172 | 2 | 20 |
| MM350N 175E | .8 | 1 | 143 | 14 | 47 | 572 | 1 | 103 | 7 | 5 | 128 | 1 | 5 |
| MM350N 200E | .6 | 24 | 155 | 11 | 40 | 438 | 3 | 106 | 11 | 1 | 205 | 5 | 10 |
| MM350N 225E | .8 | 18 | 134 | 10 | 32 | 461 | 2 | 79 | 5 | 1 | 148 | 3 | 10 |
| MM350N 250E | .8 | 9 | 135 | 10 | 28 | 366 | 1 | 78 | 4 | 2 | 110 | 1 | 5 |
| MM350N 275E | 1.2 | 103 | 138 | 13 | 58 | 604 | 1 | 135 | 14 | 10 | 120 | 5 | 5 |
| MM350N 300E | .9 | 34 | 131 | 14 | 65 | 475 | 2 | 142 | 15 | 6 | 309 | 2 | 5 |
| MM350N 325E | .6 | 124 | 229 | 10 | 69 | 914 | 1 | 61 | 18 | 4 | 499 | 1 | 150 |
| MM350N 350E | .8 | 134 | 224 | 19 | 75 | 596 | 2 | 201 | 11 | 8 | 1366 | 2 | 10 |
| MM450N 25M | .7 | 61 | 150 | 15 | 65 | 605 | 1 | 217 | 20 | 12 | 197 | 1 | 20 |
| MM450N 50M | .8 | 94 | 123 | 16 | 69 | 536 | 2 | 158 | 9 | 11 | 257 | 2 | 10 |
| MM450N 75M | .8 | 17 | 123 | 13 | 61 | 508 | 2 | 172 | 6 | 7 | 191 | 1 | 5 |
| MM450N 100M | .8 | 16 | 104 | 15 | 50 | 505 | 3 | 207 | 6 | 5 | 129 | 1 | 5 |
| MM450N 125M | .6 | 13 | 115 | 14 | 78 | 946 | 1 | 99 | 15 | 6 | 210 | 1 | 5 |
| MM450N 150M | .7 | 11 | 95 | 13 | 60 | 573 | 2 | 79 | 5 | 4 | 111 | 3 | 5 |
| MM450N 175M | .9 | 3 | 109 | 15 | 60 | 584 | 3 | 92 | 6 | 3 | 145 | 1 | 5 |
| MM450N 225M | 1.0 | 5 | 118 | 24 | 97 | 911 | 1 | 97 | 15 | 3 | 150 | 1 | 5 |
| MM450N 250M | .8 | 11 | 135 | 17 | 143 | 1313 | 1 | 53 | 15 | 5 | 148 | 3 | 5 |
| MM450N 275M | 1.0 | 5 | 101 | 23 | 98 | 1060 | 4 | 64 | 14 | 7 | 141 | 6 | 5 |
| MM450N 300M | .8 | 9 | 128 | 20 | 74 | 1024 | 2 | 82 | 12 | 1 | 139 | 3 | 5 |
| MM450N 325M | .4 | 5 | 112 | 21 | 73 | 852 | 1 | 145 | 20 | 5 | 150 | 4 | 5 |

COMPANY: AVING MINES
 PROJECT NO: MINTO MINE
 ATTENTION:

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4524

ACT: 6317 PAGE 1 OF 1
 FILE NO: 7-903S/P3+4
 DATE: AUGUST 5, 1987

| VALUES IN PPM) | AG | AS | BA | CO | CU | FE | MO | NI | PB | SB | ZN | W | AU-PPB |
|-----------------|-----|-----|-----|----|-----|------|----|-----|----|----|-----|---|--------|
| MH450N 350W | .8 | 5 | 201 | 17 | 52 | 998 | 2 | 102 | 18 | 5 | 179 | 1 | 5 |
| MH450N 375W | .6 | 8 | 237 | 12 | 59 | 863 | 1 | 112 | 9 | 5 | 244 | 1 | 10 |
| MH450N 400W | .7 | 4 | 129 | 12 | 60 | 459 | 2 | 94 | 11 | 7 | 139 | 1 | 5 |
| MH450N 425W | .5 | 22 | 101 | 11 | 49 | 370 | 2 | 104 | 5 | 5 | 124 | 3 | 10 |
| MH450N 450W | .4 | 24 | 205 | 13 | 57 | 682 | 1 | 132 | 8 | 5 | 134 | 4 | 5 |
| MH450N 475W | .4 | 29 | 155 | 13 | 45 | 665 | 2 | 107 | 9 | 6 | 145 | 4 | 30 |
| MH450N 25E | 1.0 | 10 | 275 | 19 | 81 | 906 | 3 | 165 | 17 | 2 | 243 | 1 | 20 |
| MH450N 50E | .6 | 24 | 121 | 12 | 40 | 461 | 1 | 118 | 12 | 5 | 168 | 1 | 550 |
| MH450N 75E | 1.0 | 11 | 108 | 13 | 38 | 464 | 2 | 97 | 13 | 3 | 108 | 1 | 20 |
| MH450N 100E | .8 | 4 | 119 | 12 | 26 | 550 | 1 | 80 | 14 | 3 | 165 | 1 | 5 |
| MH450N 125E | .8 | 3 | 171 | 12 | 40 | 816 | 1 | 97 | 12 | 4 | 182 | 1 | 10 |
| MH450N 150E | .6 | 5 | 131 | 14 | 36 | 602 | 2 | 127 | 22 | 9 | 214 | 3 | 5 |
| MH450N 175E | .7 | 8 | 130 | 11 | 47 | 510 | 1 | 128 | 12 | 5 | 328 | 1 | 5 |
| MH450N 225E | .6 | 1 | 115 | 9 | 19 | 462 | 2 | 63 | 9 | 1 | 133 | 1 | 20 |
| MH450N 250E | .6 | 10 | 90 | 10 | 25 | 371 | 1 | 82 | 11 | 2 | 131 | 3 | 10 |
| MH450N 275E | .6 | 23 | 123 | 11 | 47 | 451 | 2 | 97 | 9 | 4 | 573 | 1 | 5 |
| MH450N 300E | .8 | 15 | 194 | 17 | 64 | 713 | 2 | 171 | 8 | 6 | 687 | 1 | 20 |
| MH450N 325E | .8 | 25 | 126 | 13 | 50 | 418 | 1 | 117 | 9 | 3 | 264 | 2 | 10 |
| MH450N 350E | .8 | 101 | 223 | 12 | 59 | 1037 | 1 | 100 | 6 | 3 | 770 | 5 | 40 |
| MH450N 375E | .7 | 794 | 192 | 15 | 189 | 479 | 1 | 117 | 9 | 9 | 752 | 1 | 60 |
| MH450N 400E | .5 | 497 | 447 | 17 | 141 | 1520 | 1 | 65 | 26 | 8 | 426 | 1 | 100 |
| MH450N 425E | .2 | 563 | 212 | 5 | 80 | 296 | 1 | 36 | 19 | 8 | 216 | 1 | 520 |
| MH450N 450E | .4 | 372 | 251 | 12 | 115 | 610 | 1 | 78 | 13 | 5 | 271 | 1 | 40 |
| MH500N 25W | 1.0 | 52 | 174 | 14 | 77 | 884 | 1 | 121 | 13 | 9 | 304 | 1 | 10 |
| MH500N 50W | .9 | 100 | 170 | 15 | 72 | 663 | 2 | 112 | 15 | 9 | 170 | 2 | 10 |
| MH500N 75W | 1.0 | 1 | 143 | 12 | 58 | 490 | 3 | 96 | 16 | 3 | 102 | 1 | 5 |
| MH500N 100W | 1.0 | 17 | 124 | 11 | 51 | 506 | 2 | 113 | 10 | 6 | 130 | 1 | 5 |
| MH500N 125W | .9 | 21 | 97 | 12 | 46 | 634 | 1 | 54 | 10 | 4 | 113 | 1 | 5 |
| MH500N 150W | 1.5 | 25 | 102 | 16 | 123 | 1824 | 3 | 32 | 7 | 1 | 262 | 4 | 5 |
| MH500N 175W | 1.7 | 39 | 93 | 30 | 106 | 1824 | 4 | 13 | 5 | 7 | 274 | 7 | 10 |
| MH500N 200W | 2.1 | 8 | 110 | 29 | 113 | 1979 | 5 | 51 | 21 | 11 | 259 | 3 | 5 |
| MH550N 25W | 1.0 | 198 | 145 | 16 | 71 | 798 | 1 | 156 | 10 | 13 | 190 | 2 | 30 |
| MH550N 50W | .8 | 105 | 178 | 14 | 46 | 708 | 3 | 142 | 6 | 4 | 227 | 1 | 5 |
| MH550N 75W | .8 | 32 | 169 | 13 | 58 | 635 | 3 | 154 | 4 | 1 | 173 | 1 | 10 |
| MH550N 100W | .9 | 4 | 226 | 15 | 51 | 981 | 3 | 175 | 16 | 3 | 237 | 1 | 50 |
| MH550N 125W | 1.1 | 22 | 168 | 15 | 106 | 1682 | 2 | 68 | 20 | 1 | 704 | 2 | 10 |
| MH550N 175W | 1.4 | 31 | 83 | 25 | 86 | 1849 | 1 | 17 | 4 | 7 | 263 | 1 | 5 |
| MH550N 200W | 1.0 | 19 | 143 | 16 | 64 | 995 | 3 | 66 | 18 | 2 | 193 | 1 | 5 |
| MH550N 225W | 1.1 | 20 | 111 | 20 | 96 | 1608 | 2 | 64 | 13 | 7 | 314 | 1 | 5 |
| MH550N 250W | 1.0 | 13 | 128 | 14 | 83 | 1245 | 1 | 40 | 6 | 6 | 129 | 2 | 15 |
| MH550N 275W | 1.0 | 19 | 119 | 18 | 65 | 642 | 1 | 111 | 9 | 3 | 121 | 3 | 5 |
| MH550N 300W | .9 | 28 | 183 | 17 | 48 | 810 | 3 | 116 | 12 | 6 | 203 | 1 | 20 |
| MH550N 325W | .8 | 20 | 86 | 12 | 82 | 377 | 2 | 61 | 8 | 3 | 122 | 1 | 5 |
| MH550N 350W | .8 | 2 | 128 | 16 | 56 | 504 | 3 | 98 | 15 | 3 | 115 | 1 | 5 |
| MH550N 375W | .9 | 4 | 169 | 16 | 60 | 483 | 2 | 103 | 18 | 4 | 147 | 4 | 5 |
| MH550N 400W | .7 | 5 | 196 | 11 | 39 | 634 | 1 | 83 | 10 | 4 | 135 | 3 | 5 |
| MH550N 425W | .7 | 22 | 150 | 10 | 47 | 444 | 2 | 80 | 11 | 2 | 108 | 1 | 5 |
| MH550N 450W | 1.1 | 19 | 147 | 19 | 86 | 1197 | 4 | 64 | 21 | 7 | 189 | 1 | 10 |
| MH550N 25E | .6 | 13 | 213 | 6 | 40 | 879 | 1 | 29 | 7 | 3 | 316 | 2 | 10 |
| MH550N 50E | N/S | | | | | | | | | | | | |
| MH550N 75E | N/S | | | | | | | | | | | | |
| MH550N 100E | N/S | | | | | | | | | | | | |
| MH550N 125E | .9 | 38 | 496 | 17 | 119 | 1570 | 2 | 137 | 12 | 2 | 488 | 3 | 40 |
| MH550N 175E | .5 | 5 | 133 | 3 | 11 | 305 | 1 | 13 | 9 | 1 | 199 | 1 | 5 |
| MH550N 200E | .9 | 75 | 115 | 12 | 65 | 429 | 1 | 101 | 11 | 6 | 351 | 4 | 360 |
| MH550N 225E | .8 | 26 | 164 | 12 | 55 | 579 | 2 | 104 | 11 | 8 | 618 | 1 | 70 |
| MH550N 250E | .7 | 46 | 184 | 12 | 60 | 647 | 2 | 126 | 7 | 11 | 480 | 4 | 140 |
| MH550N 275E | .7 | 23 | 155 | 15 | 59 | 684 | 2 | 94 | 4 | 3 | 490 | 1 | 230 |
| MH550N 300E | .8 | 10 | 189 | 12 | 54 | 826 | 1 | 92 | 11 | 3 | 473 | 3 | 130 |
| MH550N 325E | .8 | 57 | 112 | 14 | 69 | 587 | 1 | 113 | 13 | 6 | 351 | 2 | 500 |

COMPANY: AVINGO MINES
 PROJECT NO: NINTO MINE
 ATTENTION:

MIM-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 960-5814 OR (604) 988-4524

(ACT: 631) PAGE 1 OF 1
 FILE NO: 7-903S/P3+6
 DATE: AUGUST 5, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CU | MM | MO | NI | PB | SB | ZN | W | MU-PPB |
|-----------------|-----|------|-----|----|-----|------|----|-----|-----|----|------|---|--------|
| NM550N 350E | 1.0 | 107 | 142 | 25 | 111 | 817 | 4 | 111 | 16 | 5 | 319 | 2 | 310 |
| NM550N 375E | 1.0 | 23 | 176 | 18 | 94 | 888 | 1 | 146 | 5 | 2 | 260 | 1 | 350 |
| NM550N 400E | 1.2 | 296 | 84 | 14 | 189 | 1044 | 3 | 71 | 5 | 20 | 106 | 2 | 50 |
| NM550N 425E | 1.2 | 136 | 111 | 23 | 110 | 632 | 4 | 125 | 10 | 8 | 161 | 6 | 130 |
| NM550N 450E | 2.3 | 1272 | 209 | 14 | 155 | 1695 | 2 | 150 | 202 | 70 | 232 | 3 | 560 |
| NM600N 25E | 1.4 | 53 | 225 | 15 | 91 | 768 | 3 | 174 | 11 | 3 | 1372 | 1 | 900 |
| NM600N 50E | .8 | 109 | 941 | 21 | 197 | 1619 | 1 | 93 | 10 | 4 | 372 | 1 | 600 |
| NM600N 75E | 1.0 | 120 | 321 | 27 | 181 | 1379 | 3 | 245 | 9 | 8 | 528 | 1 | 820 |
| NM600N 100E | .7 | 106 | 273 | 27 | 104 | 1666 | 1 | 211 | 12 | 4 | 616 | 1 | 420 |
| NM600N 125E | 1.4 | 272 | 349 | 50 | 270 | 2363 | 1 | 345 | 16 | 14 | 1247 | 1 | 130 |
| NM600N 150E | 1.2 | 176 | 297 | 46 | 272 | 1922 | 2 | 81 | 11 | 11 | 683 | 2 | 620 |
| NM600N 175E | .7 | 58 | 160 | 12 | 76 | 523 | 3 | 111 | 5 | 4 | 509 | 1 | 130 |
| NM600N 200E | .8 | 81 | 117 | 10 | 87 | 454 | 1 | 119 | 8 | 5 | 408 | 1 | 110 |
| NM600N 225E | 1.1 | 149 | 148 | 14 | 127 | 573 | 1 | 148 | 14 | 17 | 336 | 3 | 140 |
| NM600N 250E 40M | 1.8 | 468 | 120 | 73 | 206 | 2042 | 1 | 137 | 24 | 11 | 154 | 6 | 145 |
| NM600N 275E | 1.0 | 66 | 119 | 32 | 109 | 780 | 2 | 79 | 15 | 5 | 141 | 1 | 40 |
| NM600N 300E | .7 | 83 | 136 | 13 | 69 | 553 | 1 | 79 | 6 | 5 | 206 | 1 | 60 |
| NM600N 325E | 1.0 | 101 | 102 | 14 | 79 | 497 | 1 | 97 | 7 | 11 | 128 | 1 | 50 |
| NM600N 350E | .6 | 112 | 90 | 17 | 72 | 499 | 1 | 83 | 13 | 5 | 196 | 1 | 140 |
| NM600N 375E | .8 | 67 | 131 | 30 | 89 | 1128 | 1 | 71 | 3 | 4 | 165 | 1 | 140 |
| NM600N 400E | .9 | 134 | 93 | 27 | 107 | 662 | 2 | 97 | 18 | 4 | 151 | 3 | 60 |
| NM600N 425E | .8 | 44 | 136 | 22 | 90 | 588 | 2 | 106 | 4 | 3 | 175 | 5 | 60 |
| NM650N 25M | .8 | 2 | 133 | 9 | 30 | 260 | 1 | 71 | 10 | 2 | 145 | 1 | 5 |
| NM650N 50M | 1.3 | 16 | 235 | 11 | 85 | 790 | 1 | 89 | 5 | 6 | 605 | 5 | 10 |
| NM650N 75M | 1.1 | 4 | 161 | 15 | 71 | 661 | 1 | 93 | 8 | 4 | 139 | 1 | 5 |
| NM650N 100M | 1.1 | 1 | 194 | 11 | 48 | 467 | 2 | 113 | 10 | 2 | 132 | 4 | 20 |
| NM650N 125M | 1.4 | 14 | 205 | 12 | 54 | 1308 | 1 | 126 | 12 | 10 | 316 | 1 | 10 |
| NM650N 150M | .7 | 243 | 99 | 8 | 38 | 319 | 2 | 99 | 9 | 12 | 153 | 1 | 5 |
| NM650N 175M | 1.1 | 3 | 174 | 16 | 67 | 611 | 2 | 125 | 11 | 61 | 146 | 1 | 5 |
| NM650N 200M 40M | 2.3 | 2 | 96 | 34 | 77 | 1635 | 1 | 14 | 5 | 8 | 315 | 1 | 10 |
| NM650N 275M | .8 | 20 | 98 | 19 | 62 | 774 | 1 | 45 | 12 | 20 | 137 | 2 | 5 |
| NM650N 300M | .7 | 136 | 90 | 13 | 33 | 810 | 1 | 33 | 9 | 61 | 94 | 4 | 5 |
| NM650N 325M | .8 | 53 | 105 | 15 | 46 | 857 | 1 | 47 | 16 | 23 | 98 | 4 | 35 |
| NM650N 350M | .5 | 12 | 126 | 6 | 20 | 430 | 1 | 9 | 11 | 2 | 103 | 5 | 5 |
| NM650N 25E | 1.4 | 212 | 204 | 51 | 141 | 2128 | 3 | 342 | 24 | 8 | 827 | 8 | 110 |
| NM650N 50E | .9 | 24 | 121 | 13 | 66 | 561 | 3 | 102 | 5 | 4 | 402 | 3 | 680 |
| NM650N 75E | .9 | 14 | 190 | 13 | 64 | 631 | 3 | 124 | 12 | 5 | 426 | 3 | 25 |
| NM650N 100E | .9 | 10 | 170 | 16 | 59 | 843 | 4 | 196 | 13 | 3 | 281 | 4 | 175 |
| NM650N 125E | .8 | 46 | 248 | 20 | 70 | 1261 | 2 | 220 | 15 | 2 | 527 | 4 | 70 |
| NM650N 150E 20M | .5 | 7 | 259 | 7 | 60 | 689 | 1 | 29 | 8 | 1 | 208 | 2 | 5 |
| NM650N 175E | .4 | 15 | 153 | 13 | 44 | 745 | 2 | 137 | 14 | 2 | 394 | 1 | 65 |
| NM650N 200E | .8 | 165 | 219 | 16 | 78 | 767 | 3 | 141 | 24 | 10 | 330 | 3 | 80 |
| NM650N 225E | .6 | 238 | 160 | 13 | 60 | 511 | 2 | 95 | 14 | 5 | 225 | 2 | 175 |
| NM650N 250E | .7 | 300 | 213 | 15 | 77 | 743 | 2 | 106 | 14 | 3 | 310 | 1 | 250 |
| NM650N 275E | .9 | 196 | 162 | 15 | 83 | 653 | 2 | 97 | 21 | 6 | 284 | 2 | 90 |
| NM650N 300E | 1.3 | 346 | 162 | 30 | 124 | 1145 | 1 | 99 | 12 | 5 | 253 | 5 | 85 |
| NM650N 325E | .9 | 348 | 112 | 24 | 121 | 556 | 2 | 108 | 16 | 5 | 164 | 5 | 60 |
| NM650N 350E | 1.1 | 153 | 123 | 34 | 119 | 1087 | 3 | 76 | 7 | 4 | 194 | 1 | 30 |
| NM650N 375E | .7 | 222 | 92 | 15 | 71 | 616 | 2 | 31 | 18 | 2 | 119 | 2 | 45 |
| NM650N 400E | .8 | 178 | 97 | 19 | 71 | 1142 | 1 | 39 | 10 | 2 | 186 | 1 | 15 |
| NM650N 425E | 1.1 | 144 | 144 | 40 | 155 | 849 | 1 | 120 | 14 | 4 | 346 | 1 | 30 |
| NM700N 25E | .7 | 30 | 122 | 10 | 54 | 420 | 2 | 119 | 11 | 5 | 195 | 1 | 5 |
| NM700N 50E | .4 | 13 | 128 | 12 | 51 | 532 | 1 | 102 | 12 | 2 | 203 | 1 | 5 |
| NM700N 75E | 1.0 | 21 | 181 | 12 | 49 | 690 | 2 | 118 | 15 | 4 | 317 | 1 | 35 |
| NM700N 100E | 1.3 | 1 | 172 | 25 | 79 | 1017 | 2 | 279 | 20 | 3 | 551 | 2 | 5 |
| NM700N 125E | .8 | 51 | 348 | 20 | 139 | 969 | 3 | 139 | 16 | 3 | 537 | 5 | 150 |
| NM700N 150E | .9 | 38 | 574 | 14 | 123 | 1617 | 2 | 118 | 4 | 3 | 577 | 5 | 160 |
| NM700N 175E | .8 | 9 | 212 | 14 | 55 | 858 | 2 | 124 | 15 | 2 | 373 | 1 | 155 |
| NM700N 200E | .8 | 182 | 191 | 16 | 72 | 740 | 2 | 166 | 14 | 6 | 392 | 1 | 40 |
| NM700N 225E | .5 | 32 | 182 | 9 | 59 | 707 | 2 | 80 | 3 | 3 | 290 | 3 | 20 |

COMPANY: AVING MINES
 PROJECT NO: MINTO MINE
 ATTENTION:

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
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(ACT:631) PAGE 1 OF 1
 FILE NO: 7-903S/P7+8
 DATE: AUGUST 5, 1987

| (VALUES IN PPM) | AG | AS | BA | CO | CU | MM | MO | NI | PB | SB | ZN | W | AU-PPB |
|-----------------|-----|------|-----|----|-----|------|----|-----|-----|----|------|---|--------|
| NH700N 250E | .5 | 91 | 168 | 12 | 71 | 727 | 3 | 95 | 8 | 2 | 394 | 5 | 75 |
| NH700N 275E | .4 | 115 | 148 | 14 | 76 | 513 | 3 | 104 | 13 | 1 | 307 | 5 | 60 |
| NH700N 300E | 1.9 | 1189 | 120 | 28 | 137 | 680 | 1 | 90 | 547 | 3 | 403 | 7 | 300 |
| NH700N 325E | .7 | 168 | 94 | 21 | 63 | 990 | 2 | 57 | 37 | 3 | 204 | 4 | 15 |
| NH700N 350E | .6 | 119 | 42 | 9 | 30 | 255 | 1 | 18 | 28 | 2 | 94 | 2 | 5 |
| NH700N 375E | .7 | 54 | 72 | 9 | 30 | 363 | 1 | 18 | 12 | 2 | 105 | 1 | 5 |
| NH700N 400E 20M | .4 | 117 | 49 | 8 | 18 | 263 | 1 | 11 | 11 | 1 | 57 | 1 | 5 |
| NH750N 25E | .8 | 47 | 125 | 16 | 81 | 692 | 1 | 156 | 16 | 3 | 322 | 1 | 5 |
| NH750N 50E | 1.1 | 19 | 185 | 14 | 51 | 1376 | 1 | 117 | 5 | 1 | 767 | 8 | 5 |
| NH750N 75E | .6 | 29 | 202 | 14 | 62 | 1097 | 1 | 221 | 12 | 1 | 1604 | 1 | 25 |
| NH750N 100E | .3 | 4 | 43 | 3 | 13 | 140 | 1 | 14 | 12 | 1 | 103 | 2 | 5 |
| NH750N 125E | .5 | 16 | 193 | 12 | 39 | 778 | 1 | 163 | 11 | 1 | 706 | 4 | 30 |
| NH750N 150E | .4 | 11 | 107 | 11 | 46 | 394 | 2 | 138 | 11 | 3 | 383 | 3 | 5 |
| NH750N 175E | .2 | 21 | 137 | 7 | 47 | 397 | 1 | 60 | 8 | 1 | 304 | 4 | 60 |
| NH750N 200E | .6 | 13 | 122 | 10 | 43 | 415 | 2 | 93 | 10 | 4 | 230 | 6 | 65 |
| NH750N 225E | .6 | 36 | 200 | 13 | 71 | 643 | 2 | 127 | 10 | 5 | 158 | 7 | 15 |
| NH750N 250E | .3 | 55 | 122 | 14 | 54 | 375 | 1 | 91 | 7 | 4 | 126 | 5 | 5 |
| NH750N 275E | 1.0 | 180 | 137 | 18 | 76 | 570 | 2 | 84 | 11 | 1 | 163 | 1 | 25 |
| NH750N 300E | .9 | 191 | 104 | 48 | 167 | 1029 | 1 | 117 | 17 | 4 | 179 | 1 | 80 |
| NH750N 325E | 1.2 | 140 | 100 | 30 | 86 | 1408 | 2 | 61 | 61 | 4 | 223 | 6 | 150 |
| NH750N 350E | 1.0 | 85 | 107 | 33 | 105 | 1461 | 2 | 73 | 26 | 1 | 172 | 8 | 5 |
| NH850N 25W | .5 | 6 | 151 | 12 | 42 | 898 | 2 | 142 | 12 | 4 | 1208 | 8 | 25 |
| NH850N 50W | .3 | 3 | 111 | 11 | 35 | 381 | 1 | 105 | 14 | 4 | 205 | 4 | 5 |
| NH850N 75W | .6 | 13 | 132 | 10 | 42 | 407 | 1 | 108 | 9 | 4 | 120 | 2 | 5 |
| NH850N 100W | .8 | 15 | 160 | 10 | 47 | 679 | 1 | 100 | 7 | 4 | 261 | 1 | 5 |
| NH850N 125W | .5 | 17 | 123 | 10 | 51 | 526 | 2 | 97 | 10 | 3 | 332 | 1 | 5 |
| NH850N 150W | .4 | 3 | 127 | 11 | 42 | 579 | 1 | 104 | 11 | 3 | 224 | 2 | 5 |
| NH850N 175W | .9 | 17 | 102 | 10 | 34 | 369 | 1 | 90 | 5 | 1 | 90 | 1 | 15 |
| NH850N 200W | .3 | 172 | 108 | 9 | 36 | 282 | 1 | 88 | 10 | 3 | 86 | 3 | 100 |
| NH850N 225W | .5 | 463 | 248 | 21 | 89 | 629 | 2 | 168 | 14 | 5 | 194 | 1 | 80 |
| NH850N 250W | .4 | 57 | 109 | 11 | 33 | 437 | 2 | 90 | 13 | 81 | 151 | 2 | 5 |
| NH850N 25E | .2 | 36 | 143 | 13 | 60 | 431 | 1 | 113 | 11 | 4 | 127 | 4 | 50 |
| NH850N 50E | 1.1 | 87 | 287 | 25 | 139 | 2254 | 6 | 109 | 10 | 6 | 500 | 1 | 20 |
| NH850N 75E | .9 | 7 | 340 | 22 | 112 | 1423 | 2 | 159 | 7 | 1 | 550 | 2 | 45 |
| NH850N 100E | .7 | 15 | 146 | 14 | 68 | 560 | 1 | 137 | 14 | 1 | 218 | 1 | 40 |
| NH850N 125E | .5 | 5 | 211 | 7 | 22 | 713 | 2 | 43 | 15 | 2 | 357 | 1 | 5 |
| NH850N 150E | .8 | 20 | 312 | 15 | 45 | 1257 | 2 | 95 | 5 | 4 | 599 | 1 | 30 |
| NH850N 175E | .8 | 24 | 238 | 12 | 63 | 756 | 1 | 75 | 6 | 5 | 388 | 5 | 5 |
| NH850N 200E | .4 | 91 | 193 | 10 | 38 | 561 | 2 | 63 | 7 | 3 | 280 | 4 | 50 |
| NH850N 225E | .8 | 10 | 133 | 11 | 34 | 400 | 1 | 114 | 12 | 4 | 134 | 2 | 5 |
| NH850N 250E | 1.1 | 565 | 185 | 28 | 90 | 1361 | 1 | 162 | 6 | 3 | 239 | 1 | 20 |
| NH850N 275E | 1.3 | 122 | 109 | 31 | 116 | 910 | 3 | 113 | 17 | 5 | 150 | 4 | 130 |
| NH850N 300E | .6 | 12 | 33 | 11 | 41 | 361 | 1 | 15 | 4 | 2 | 82 | 1 | 5 |
| NH900N 25E | 1.0 | 3 | 192 | 15 | 69 | 1157 | 1 | 123 | 9 | 1 | 234 | 5 | 5 |
| NH900N 50E | .6 | 222 | 117 | 21 | 90 | 616 | 2 | 72 | 10 | 3 | 173 | 1 | 115 |
| NH900N 75E | .8 | 20 | 168 | 11 | 45 | 387 | 1 | 99 | 7 | 3 | 131 | 1 | 120 |
| NH900N 100E | .4 | 4 | 153 | 12 | 57 | 294 | 1 | 120 | 11 | 2 | 95 | 4 | 10 |
| NH900N 125E | .8 | 16 | 302 | 10 | 36 | 1066 | 1 | 41 | 14 | 1 | 215 | 1 | 870 |
| NH900N 150E | .4 | 17 | 152 | 9 | 30 | 311 | 1 | 83 | 4 | 1 | 160 | 1 | 5 |
| NH950N 25W | .9 | 20 | 133 | 13 | 63 | 506 | 3 | 192 | 12 | 5 | 169 | 1 | 5 |
| NH950N 50W | .9 | 8 | 168 | 13 | 52 | 960 | 3 | 148 | 10 | 5 | 219 | 2 | 10 |
| NH950N 75W | .8 | 10 | 154 | 14 | 59 | 999 | 2 | 133 | 9 | 3 | 305 | 1 | 5 |
| NH950N 100W | .6 | 2 | 153 | 12 | 50 | 450 | 1 | 151 | 10 | 4 | 116 | 1 | 15 |
| NH950N 125W | .7 | 2 | 133 | 10 | 41 | 510 | 1 | 93 | 12 | 1 | 92 | 1 | 5 |
| NH950N 150W | .5 | 9 | 198 | 10 | 56 | 612 | 2 | 122 | 5 | 1 | 116 | 1 | 5 |
| NH950N 175W | .9 | 3 | 244 | 12 | 79 | 1239 | 2 | 105 | 14 | 4 | 145 | 1 | 10 |
| NH950N 200W | .9 | 2 | 132 | 10 | 34 | 338 | 1 | 92 | 6 | 1 | 95 | 2 | 5 |
| NH950N 225W | .8 | 2 | 171 | 11 | 45 | 590 | 2 | 116 | 10 | 1 | 112 | 3 | 5 |
| NH950N 250W | 6.3 | 87 | 26 | 4 | 3 | 68 | 6 | 21 | 32 | 18 | 17 | 6 | 10 |
| NH950N 275W | .8 | 24 | 128 | 11 | 36 | 602 | 1 | 90 | 15 | 34 | 193 | 1 | 15 |

COMPANY: AVINO MINES
PROJECT NO: MINTO MINE

MIM-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:631) PAGE 1 OF 1
FILE NO: 7-9035/P9

ATTENTION: (604)980-5814 OR (604)988-4524

DATE: AUGUST 5, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CU | HM | MO | NI | PD | SB | ZN | W | AU-PPB |
|-----------------|----|----|-----|----|----|------|----|-----|----|----|-----|---|--------|
| NH950N 300N | .4 | 3 | 124 | 11 | 74 | 466 | 2 | 134 | 6 | 3 | 100 | 2 | 5 |
| NH950N 325N | .3 | 2 | 121 | 12 | 64 | 1309 | 2 | 48 | 12 | 2 | 125 | 1 | 5 |
| NH950N 25E | .2 | 23 | 105 | 12 | 48 | 363 | 3 | 137 | 10 | 4 | 95 | 1 | 10 |
| NH950N 50E | .7 | 14 | 244 | 13 | 59 | 855 | 1 | 146 | 6 | 1 | 231 | 4 | 5 |
| NH950N 75E | .4 | 33 | 260 | 7 | 36 | 263 | 2 | 65 | 21 | 12 | 150 | 2 | 50 |
| NH950N 100E | .6 | 6 | 228 | 31 | 97 | 800 | 3 | 168 | 13 | 6 | 196 | 1 | 65 |
| NH950N 125E | .6 | 15 | 260 | 14 | 83 | 693 | 2 | 111 | 8 | 1 | 120 | 1 | 5 |
| NH950N 150E | .7 | 15 | 274 | 13 | 59 | 635 | 2 | 118 | 9 | 4 | 273 | 1 | 5 |
| NH950N 175E | .6 | 6 | 304 | 10 | 38 | 763 | 1 | 80 | 11 | 3 | 283 | 3 | 20 |
| NH950N 200E | .4 | 7 | 177 | 10 | 38 | 322 | 1 | 126 | 11 | 1 | 171 | 1 | 5 |
| NH950N 225E | .3 | 1 | 108 | 4 | 8 | 197 | 1 | 5 | 5 | 1 | 84 | 1 | 10 |
| NH950N 250E | .4 | 18 | 112 | 8 | 28 | 416 | 1 | 44 | 6 | 2 | 210 | 2 | 5 |

APPENDIX 4

Minto Claims

1987 Trench Assay Data

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

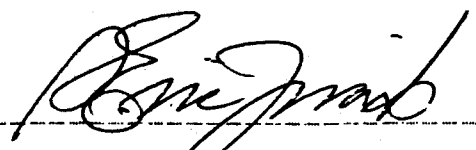
Company: LEVON RESOURCES
Project: MINTO
Attention: JIM MILLER-TAIT

File: 7-1606/P5
Date: OCT 15/87
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON |
|---------------|------------|--------------------|
| LOWER PETE 1 | .52 | 0.015 |
| UPPER PETE 2 | .06 | 0.002 |
| T-100 | .02 | 0.001 |
| T-101 | .75 | 0.022 |
| MT3 ROCK 1 | 14.75 | 0.430 - Trench MT3 |

Certified by _____


MIN-EN LABORATORIES LTD.

COMPANY: LEVGN RESOURCES
 PROJECT NO: MINTO
 ATTENTION: JIM MILLER-TAIT

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT: F31) PAGE 1 OF 1
 FILE NO: 7-1606R/F1+2
 DATE: OCT 15, 1987

| (VALUES IN PPM) | AG | AS | BA | BI | CD | CU | HM | NI | PB | SB | V | ZN |
|-----------------|-------|-------|------|----|-------|-----|-------|------|-----|--------|-------|------|
| MT1A 1 | 1.0 | 286 | 126 | 3 | 4.8 | 78 | 1984 | 260 | 35 | 64 | 117.6 | 207 |
| MT1A 2 | .8 | 115 | 78 | 2 | 4.6 | 67 | 1412 | 200 | 39 | 27 | 93.8 | 169 |
| MT1A 3 | .9 | 157 | 85 | 2 | 5.0 | 66 | 1569 | 307 | 56 | 43 | 103.4 | 231 |
| MT2B 1 | 1.5 | 3558 | 248 | 3 | 14.8 | 62 | 1787 | 57 | 17 | 374 | 76.0 | 108 |
| MT2B 2 | 1.3 | 2027 | 288 | 2 | 10.3 | 55 | 1767 | 72 | 26 | 298 | 90.9 | 125 |
| MT2B 3 | 1.4 | 1393 | 210 | 2 | 6.8 | 74 | 1910 | 158 | 41 | 272 | 109.1 | 129 |
| MT3C 1 | 4.3 | 1057 | 182 | 3 | 10.4 | 22 | 10146 | 55 | 76 | 199 | 7.3 | 47 |
| MT3C 2 | 8.9 | 3629 | 267 | 1 | 22.4 | 71 | 3724 | 87 | 626 | 239 | 35.1 | 582 |
| MT3C 3 | 4.4 | 2666 | 231 | 2 | 17.8 | 57 | 633 | 42 | 131 | 700 | 54.2 | 1110 |
| MT4D 1 | 1.0 | 143 | 163 | 1 | 4.7 | 70 | 1764 | 511 | 32 | 310 | 122.4 | 155 |
| MT4D 2 | .8 | 331 | 236 | 1 | 4.2 | 69 | 1461 | 560 | 34 | 123 | 109.7 | 127 |
| MT4D 3 | 1.3 | 1332 | 824 | 1 | 8.4 | 93 | 2326 | 380 | 55 | 235 | 69.6 | 154 |
| MT4D 4 | 1.4 | 651 | 170 | 1 | 3.8 | 107 | 1305 | 191 | 24 | 250 | 23.0 | 107 |
| MT4D 5 | 1.5 | 1314 | 274 | 1 | 8.6 | 84 | 2008 | 207 | 37 | 247 | 24.0 | 166 |
| MT5E 1 | 1.3 | 419 | 188 | 2 | 5.8 | 75 | 1521 | 376 | 95 | 298 | 47.3 | 150 |
| MT5E 2 | 1.0 | 1333 | 109 | 1 | 5.7 | 45 | 1407 | 202 | 41 | 207 | 18.1 | 77 |
| MT5E 3 | 1.6 | 4769 | 310 | 2 | 26.4 | 48 | 3667 | 100 | 32 | 134 | 39.2 | 67 |
| MT5E 4 | 2.9 | 7643 | 126 | 1 | 31.4 | 27 | 59 | 2 | 9 | 302 | 23.0 | 32 |
| MT5E 5 | .9 | 5608 | 168 | 1 | 30.7 | 10 | 46 | 2 | 8 | 203 | 21.4 | 20 |
| MT5E 6 | 2.6 | 6158 | 141 | 1 | 45.5 | 40 | 428 | 52 | 26 | 138 | 11.4 | 75 |
| MT5E 7 | .4 | 117 | 92 | 1 | 1.2 | 43 | 684 | 43 | 31 | 30 | 9.3 | 43 |
| MT5E 8 | 1.4 | 2777 | 128 | 3 | 17.0 | 52 | 1689 | 1309 | 32 | 140 | 76.1 | 133 |
| MT5E 9 | 1.1 | 574 | 52 | 2 | 6.7 | 21 | 1022 | 1096 | 37 | 26 | 24.8 | 38 |
| MT5E 10 | .7 | 1213 | 43 | 1 | 9.0 | 30 | 936 | 1225 | 28 | 39 | 56.3 | 59 |
| MT5E 11 | .8 | 1273 | 136 | 2 | 6.2 | 58 | 1210 | 341 | 29 | 80 | 59.6 | 245 |
| MT5E 12 | 1.3 | 144 | 62 | 1 | 3.9 | 27 | 1790 | 100 | 115 | 8 | 119.1 | 150 |
| MT5E 13 | 1.3 | 57 | 109 | 2 | 2.5 | 58 | 1518 | 80 | 30 | 5 | 141.7 | 150 |
| MT5E 14 | 1.7 | 455 | 1399 | 1 | 8.9 | 35 | 1712 | 480 | 118 | 4 | 108.1 | 611 |
| MT5E 15 | 1.6 | 668 | 57 | 1 | 7.1 | 36 | 1790 | 1073 | 49 | 9 | 12.5 | 68 |
| MT5E 16 | 1.3 | 376 | 51 | 1 | 7.1 | 24 | 1401 | 735 | 44 | 7 | 13.8 | 398 |
| MT6F 1 | .7 | 74 | 96 | 1 | 3.3 | 29 | 904 | 96 | 109 | 59 | 45.2 | 115 |
| MT6F 2 | 4.7 | 1525 | 281 | 1 | 34.4 | 132 | 5774 | 477 | 528 | 343 | 30.9 | 2152 |
| MT6F 3 | .9 | 306 | 91 | 1 | 5.6 | 60 | 1587 | 350 | 78 | 150 | 70.9 | 131 |
| MT6F 5 | 1.2 | 198 | 132 | 1 | 3.8 | 50 | 1611 | 387 | 37 | 53 | 83.6 | 106 |
| MT6F 6 | 1.7 | 2644 | 206 | 1 | 18.9 | 66 | 2615 | 148 | 47 | 317 | 23.4 | 132 |
| MT6F 7 | 27.8 | 2797 | 286 | 3 | 21.9 | 258 | 2640 | 181 | 185 | 7286 | 17.1 | 757 |
| MT6F 8 | 1.4 | 232 | 214 | 1 | 2.3 | 71 | 1795 | 311 | 39 | 568 | 53.3 | 117 |
| MT6F 10 | .7 | 187 | 103 | 1 | 2.1 | 43 | 897 | 123 | 32 | 138 | 28.1 | 91 |
| MT6F 11 | 109.4 | 113 | 41 | 16 | 54.5 | 989 | 992 | 47 | 388 | 207802 | 4.1 | 4287 |
| MTS7F 1 | 2.8 | 28 | 76 | 3 | 3.9 | 57 | 1340 | 185 | 40 | 1772 | 120.7 | 205 |
| MTS7F 2 | 2.1 | 20 | 89 | 2 | 3.8 | 45 | 2276 | 89 | 35 | 923 | 233.7 | 236 |
| MTS7F 3 | 1.2 | 460 | 153 | 1 | 18.5 | 56 | 2308 | 469 | 26 | 103 | 116.0 | 1254 |
| MTS7F 4 | 2.9 | 4044 | 344 | 2 | 124.0 | 122 | 3111 | 168 | 42 | 209 | 20.4 | 3575 |
| MTS7F 5 | 1.5 | 1189 | 179 | 2 | 120.5 | 50 | 2601 | 180 | 37 | 54 | 53.7 | 4337 |
| MTS7F 6 | .6 | 51 | 159 | 1 | 26.2 | 84 | 1216 | 14 | 28 | 35 | 65.9 | 2973 |
| MTS7F 7 | 4.5 | 228 | 197 | 1 | 53.2 | 249 | 1804 | 294 | 104 | 46 | 56.2 | 6685 |
| MTS7F 8 | 3.0 | 1615 | 153 | 3 | 48.0 | 191 | 1460 | 35 | 366 | 56 | 54.5 | 2881 |
| MTS7F 9 | 2.0 | 1406 | 172 | 2 | 38.5 | 98 | 2748 | 21 | 396 | 31 | 50.0 | 2388 |
| MTS7F 10 | .5 | 2314 | 153 | 3 | 42.3 | 87 | 1025 | 3 | 32 | 31 | 56.9 | 1675 |
| MTS7F 11 | 1.0 | 4266 | 188 | 2 | 62.1 | 90 | 1402 | 3 | 48 | 24 | 47.9 | 1295 |
| MTS7F 12 | 3.4 | 15115 | 208 | 2 | 195.1 | 88 | 2873 | 2 | 779 | 46 | 40.7 | 1910 |
| MTS7F 13 | .7 | 314 | 207 | 3 | 17.5 | 95 | 1038 | 6 | 34 | 8 | 71.1 | 1589 |
| MTS7F 14 | 1.0 | 3694 | 226 | 1 | 53.6 | 64 | 1265 | 13 | 32 | 12 | 63.0 | 1366 |
| MTS7F 15 | 2.3 | 3364 | 414 | 1 | 54.5 | 117 | 2383 | 3 | 220 | 31 | 56.5 | 1722 |
| MTS7F 16 | 2.6 | 177 | 286 | 2 | 24.6 | 115 | 2799 | 9 | 502 | 25 | 61.4 | 2125 |
| MTS7F 17 | 1.2 | 159 | 199 | 1 | 9.5 | 57 | 1166 | 9 | 23 | 7 | 67.0 | 936 |
| MTS7F 18 | 1.3 | 322 | 176 | 1 | 7.4 | 51 | 1144 | 11 | 32 | 4 | 72.2 | 482 |
| MTS7F 19 | 1.3 | 1178 | 351 | 1 | 35.4 | 70 | 2949 | 16 | 22 | 11 | 60.3 | 1517 |
| MTS7F 20 | 1.1 | 203 | 258 | 2 | 19.9 | 78 | 912 | 15 | 23 | 4 | 77.6 | 1277 |
| MTS7F 21 | 1.9 | 263 | 240 | 3 | 36.2 | 83 | 1568 | 27 | 29 | 6 | 74.4 | 2259 |

| (VALUES IN PPM) | AG | AS | BA | BI | CD | CU | MM | NI | PB | SB | V | ZN |
|-----------------|------|-------|-----|----|-------|-----|-------|------|------|-------|------|------|
| MTS7F 22 | 1.6 | 291 | 376 | 1 | 31.9 | 137 | 1182 | 272 | 30 | 8 | 86.2 | 3007 |
| MTS7F 23 | 1.8 | 483 | 224 | 2 | 38.1 | 133 | 1912 | 251 | 27 | 10 | 84.5 | 2682 |
| MTBF 1 | .9 | 140 | 163 | 1 | 7.1 | 43 | 1495 | 135 | 33 | 5 | 86.1 | 689 |
| MTBF 2 | .8 | 151 | 151 | 2 | 6.6 | 43 | 1451 | 127 | 28 | 6 | 92.7 | 743 |
| MTBF 3 | .8 | 15 | 132 | 1 | 5.1 | 40 | 1748 | 34 | 31 | 4 | 86.7 | 315 |
| MTBF 4 | .8 | 35 | 172 | 1 | 10.9 | 29 | 1555 | 21 | 72 | 5 | 83.3 | 800 |
| MTBF 5 | .7 | 20 | 118 | 2 | 3.4 | 20 | 1208 | 18 | 26 | 8 | 90.0 | 217 |
| MTBF 6 | 4.4 | 1581 | 217 | 2 | 39.2 | 47 | 4711 | 12 | 1369 | 216 | 21.3 | 1575 |
| MTBF 7 | 1.4 | 1982 | 186 | 2 | 51.1 | 51 | 2290 | 6 | 72 | 103 | 18.1 | 1840 |
| MTBF 8 | .8 | 292 | 115 | 1 | 5.7 | 25 | 1696 | 20 | 33 | 39 | 65.5 | 232 |
| MTBF 9 | .6 | 127 | 93 | 2 | 4.7 | 26 | 1379 | 21 | 34 | 16 | 83.5 | 232 |
| MTBF 10 | .7 | 56 | 154 | 1 | 15.2 | 58 | 1360 | 22 | 24 | 10 | 72.3 | 1659 |
| MTBF 11 | 29.2 | 11683 | 452 | 28 | 253.4 | 72 | 10373 | 29 | 7969 | 351 | 24.0 | 1941 |
| MTBF 12 | 1.6 | 484 | 210 | 1 | 27.3 | 56 | 2125 | 27 | 178 | 39 | 74.6 | 1783 |
| MTBF 13 | 16.6 | 16923 | 274 | 11 | 327.1 | 45 | 7184 | 8 | 3051 | 103 | 25.8 | 2749 |
| MTBF 14 | 3.4 | 7106 | 171 | 3 | 114.6 | 45 | 4467 | 13 | 317 | 45 | 21.7 | 465 |
| MTBF 15 | 5.9 | 7122 | 333 | 1 | 110.2 | 61 | 7207 | 25 | 105 | 70 | 17.3 | 753 |
| MTBF 16 | 5.0 | 3712 | 481 | 1 | 47.6 | 74 | 5188 | 16 | 51 | 53 | 23.7 | 507 |
| MTBF 17 | .8 | 268 | 137 | 1 | 7.6 | 96 | 964 | 7 | 41 | 7 | 84.6 | 528 |
| MTBF 18 | 5.2 | 3328 | 243 | 1 | 47.5 | 81 | 2910 | 16 | 32 | 59 | 30.3 | 1173 |
| MTBF 19 | 12.3 | 36642 | 197 | 7 | 576.3 | 69 | 1267 | 8 | 111 | 79 | 52.8 | 2763 |
| MT9F 1 | 1.0 | 707 | 87 | 1 | 9.3 | 84 | 1582 | 187 | 31 | 36 | 37.6 | 138 |
| MT9F 2 | .9 | 331 | 58 | 2 | 7.2 | 69 | 1484 | 269 | 28 | 23 | 61.2 | 151 |
| MT9F 3 | 1.1 | 719 | 72 | 1 | 11.1 | 75 | 1515 | 297 | 32 | 38 | 47.5 | 134 |
| MT9F 4 | 1.5 | 1179 | 161 | 1 | 11.4 | 56 | 1624 | 15 | 21 | 28 | 7.5 | 29 |
| MT9F 5 | .6 | 186 | 124 | 1 | 2.0 | 93 | 1023 | 22 | 18 | 20 | 16.2 | 57 |
| MT9F 6 | 1.4 | 1640 | 150 | 2 | 14.3 | 25 | 2968 | 378 | 35 | 65 | 71.4 | 132 |
| MT9F 7 | 1.4 | 297 | 264 | 1 | 4.4 | 111 | 1692 | 184 | 42 | 38 | 70.9 | 142 |
| MT9F 8 | 2.5 | 3718 | 286 | 2 | 26.2 | 81 | 3924 | 117 | 78 | 74 | 47.1 | 305 |
| MT9F 9 | 2.0 | 2748 | 273 | 1 | 19.9 | 63 | 3572 | 195 | 68 | 106 | 43.1 | 438 |
| MT9F 10 | 1.3 | 202 | 166 | 1 | 12.3 | 70 | 1373 | 141 | 29 | 20 | 86.9 | 1185 |
| MTS106 1 | .9 | 100 | 131 | 2 | 3.3 | 53 | 1014 | 307 | 33 | 11 | 84.7 | 159 |
| MTS106 2 | 7.2 | 4892 | 220 | 1 | 40.6 | 78 | 2094 | 122 | 235 | 730 | 27.7 | 364 |
| MTS106 3 | 8.7 | 10566 | 206 | 1 | 90.4 | 93 | 1572 | 170 | 213 | 2489 | 18.7 | 558 |
| MTS106 4 | 6.7 | 5262 | 175 | 1 | 47.0 | 95 | 1775 | 111 | 377 | 2634 | 16.6 | 620 |
| MTS106 5 | 40.4 | 3257 | 42 | 8 | 96.9 | 186 | 711 | 45 | 5478 | 15071 | 6.4 | 4432 |
| MTS106 6 | 10.3 | 4772 | 131 | 1 | 51.6 | 143 | 3520 | 364 | 448 | 1147 | 20.0 | 1026 |
| MTS106 7 | 19.6 | 2303 | 22 | 4 | 28.9 | 171 | 1285 | 44 | 823 | 51854 | 2.4 | 687 |
| MTS106 8 | 26.0 | 673 | 26 | 6 | 14.5 | 148 | 616 | 74 | 93 | 61642 | 3.0 | 848 |
| MTS106 9 | 1.8 | 363 | 167 | 1 | 4.1 | 107 | 1391 | 172 | 60 | 1775 | 34.7 | 171 |
| MTS106 10 | 1.1 | 132 | 66 | 2 | 1.2 | 46 | 872 | 33 | 31 | 1293 | 7.6 | 97 |
| MTS106 11 | 1.4 | 859 | 345 | 1 | 7.0 | 56 | 2455 | 190 | 61 | 274 | 40.1 | 108 |
| MTS106 12 | 1.3 | 2802 | 201 | 2 | 26.1 | 37 | 2746 | 102 | 38 | 172 | 31.3 | 67 |
| MTS106 13 | 1.8 | 2632 | 195 | 2 | 25.9 | 34 | 3112 | 49 | 25 | 101 | 21.4 | 50 |
| MTS106 14 | 2.1 | 2311 | 301 | 1 | 18.9 | 19 | 76 | 2 | 146 | 135 | 18.4 | 27 |
| MTS106 15 | 1.7 | 604 | 351 | 1 | 3.1 | 36 | 99 | 12 | 18 | 87 | 19.0 | 36 |
| MTS106 16 | 1.6 | 78 | 166 | 1 | 1.8 | 49 | 2041 | 237 | 41 | 34 | 78.8 | 101 |
| TMT 11 1 | 1.4 | 640 | 38 | 1 | 10.8 | 41 | 3040 | 2540 | 48 | 86 | 23.7 | 51 |
| MT121 1 | .5 | 33 | 125 | 2 | .7 | 56 | 273 | 36 | 13 | 13 | 15.6 | 42 |
| MT121 2 | 1.5 | 788 | 700 | 4 | 9.6 | 63 | 476 | 21 | 21 | 12 | 53.4 | 57 |
| MT121 3 | 1.8 | 173 | 117 | 4 | 1.4 | 173 | 207 | 3 | 24 | 11 | 37.3 | 72 |
| MT121 4 | 1.0 | 43 | 274 | 4 | 1.0 | 52 | 258 | 25 | 9 | 8 | 53.6 | 41 |
| MT121 7 | .7 | 33 | 311 | 2 | 1.2 | 63 | 230 | 25 | 18 | 10 | 38.0 | 56 |
| MT121 8 | .7 | 239 | 336 | 1 | 3.0 | 41 | 278 | 34 | 17 | 10 | 45.8 | 54 |
| MT121 9 | .7 | 44 | 323 | 1 | 1.8 | 49 | 342 | 19 | 12 | 7 | 16.1 | 88 |

COMPANY: LEVON RESOURCES
PROJECT NO: MINTO
ATTENTION: JIM MILLER-TAIT

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
(604)980-5814 OR (604)988-4524

(ACT:FS1) PAGE 1 OF 1
FILE NO: 7-1606R.P5
DATE: OCT 15, 1987

| (VALUES IN PPM) | AG | AS | BA | BI | CD | CU | MM | NI | PB | SB | V | ZN |
|-----------------|------|-----|-----|----|------|-----|------|----|-----|--------|------|------|
| LOWER PETE 1 | 2.3 | 997 | 55 | 1 | 13.8 | 39 | 1390 | 20 | 28 | 209 | 72.5 | 76 |
| UPPER PETE 2 | 1.6 | 16 | 79 | 3 | 2.7 | 71 | 1454 | 8 | 35 | 35 | 80.9 | 100 |
| T-100 | .5 | 37 | 181 | 2 | .3 | 32 | 548 | 27 | 12 | 17 | 6.4 | 48 |
| -101 | 1.1 | 410 | 148 | 3 | 4.7 | 119 | 1095 | 67 | 30 | 58 | 38.9 | 84 |
| MT3 ROCK 1 | 27.2 | 493 | 29 | 5 | 18.8 | 143 | 67 | 28 | 303 | 105142 | 2.6 | 1892 |

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604)980-5814 OR (604)988-4524

TELEX: VIA USA 7601067 UC

Analytical Report

Company: LEVON RESOURCES
Project: MINTO
Attention: JIM MILLER-TAIT

File: 7-1606
Date: OCT 15/87
Type: ROCK ASSAY

Date Samples Received : OCT 13/87
Samples Submitted by : JIM MILLER-TAIT

Report on Geochem Samples
.....
..... 120 Assay Samples
.....

Copies sent to:

1. LEVON RESOURCES, VANCOUVER, B.C.
- 2.
- 3.

Samples: Sieved to mesh Ground to mesh -150.....

Prepared samples stored: X discarded:

rejects stored: X discarded:

Methods of analysis:

- 12 ELEMENT TRACE ICP.
- AU - FIRE ASSAY.

Remarks

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7W 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: LEVON RESOURCES
 Project: MINTO
 Attention: JIM MILLER-TAIT

File: 7-1606/P1
 Date: OCT 15/87
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON | |
|---------------|------------|-----------|--------|
| MT1A 1 | .02 | 0.0017 | |
| MT1A 2 | .03 | 0.0017 | } .002 |
| MT1A 3 | .10 | 0.003 | |
| MT2B 1 | 2.13 | 0.062 | |
| MT2B 2 | .72 | 0.021 | } .041 |
| MT2B 3 | 1.40 | 0.041 | |
| MT3C 1 | 1.18 | 0.034 | } .077 |
| MT3C 2 | 5.88 | 0.172 | |
| MT3C 3 | 2.92 | 0.085 | |
| MT4D 1 | .06 | 0.002 | } .005 |
| MT4D 2 | .01 | 0.001 | |
| MT4D 3 | .37 | 0.011 | |
| MT4D 4 | .14 | 0.004 | |
| MT4D 5 | .23 | 0.007 | |
| MT5E 1 | .01 | 0.001 | |
| MT5E 2 | .03 | 0.001 | |
| MT5E 3 | .76 | 0.022 | |
| MT5E 4 | .01 | 0.001 | |
| MT5E 5 | .02 | 0.001 | |
| MT5E 6 | .82 | 0.024 | |
| MT5E 7 | .02 | 0.001 | } .005 |
| MT5E 8 | .20 | 0.006 | |
| MT5E 9 | .01 | 0.001 | |
| MT5E 10 | .01 | 0.001 | |
| MT5E 11 | .07 | 0.002 | |
| MT5E 12 | .05 | 0.001 | |
| MT5E 13 | .01 | 0.001 | |
| MT5E 14 | .39 | 0.011 | |
| MT5E 15 | .04 | 0.001 | |
| MT5E 16 | .02 | 0.001 | |

Certified by _____



MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

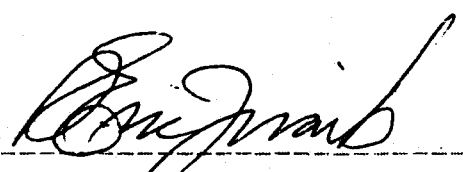
Certificate of ASSAY

Company: LEVON RESOURCES
 Project: MINTO
 Attention: JIM MILLER-TAIT

File: 7-1606/P4
 Date: OCT 15/87
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON |
|---------------|------------|-----------|
| MT9F 10 | .18 | 0.005 |
| MTS10G 1 | .05 | 0.001 |
| MTS10G 2 | 3.34 | 0.097 |
| MTS10G 3 | 14.50 | 0.423 |
| MTS10G 4 | 5.84 | 0.170 |
| MTS10G 5 | 2.60 | 0.076 |
| MTS10G 6 | 1.46 | 0.043 |
| MTS10G 7 | 2.90 | 0.085 |
| MTS10G 8 | 5.05 | 0.147 |
| MTS10G 9 | .20 | 0.006 |
| MTS10G 10 | .01 | 0.001 |
| MTS10G 11 | .60 | 0.018 |
| MTS10G 12 | .14 | 0.004 |
| MTS10G 13 | .80 | 0.023 |
| MTS10G 14 | .60 | 0.018 |
| MTS10G 15 | .41 | 0.012 |
| MTS10G 16 | .02 | 0.001 |
| TMT 11 H | .01 | 0.001 |
| MT12I 1 | .01 | 0.001 |
| MT12I 2 | .02 | 0.001 |
| MT12I 3 | .87 | 0.025 |
| MT12I 4 | .01 | 0.001 |
| MT12I 7 | .05 | 0.001 |
| MT12I 8 | .06 | 0.002 |
| MT12I 9 | .04 | 0.001 |

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705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

TELEPHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: LEVON RESOURCES
Project: MINTO
Attention: JIM MILLER-TAIT

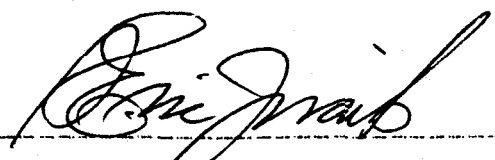
File: 7-1606/P2
Date: OCT 15/87
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON |
|---------------|------------|-----------|
| MT6F 1 | .05 | 0.001 |
| MT6F 2 | .04 | 0.001 |
| MT6F 3 | 1.96 | 0.057 |
| MT6F 5 | .02 | 0.001 |
| MT6F 6 | .40 | 0.012 |
| MT6F 7 | 1.60 | 0.047 |
| MT6F 8 | .18 | 0.005 |
| MT6F 10 | .15 | 0.004 |
| MT6F 11 | 1.62 | 0.047 |
| S7F 1 | .06 | 0.002 |
| MTS7F 2 | .17 | 0.005 |
| MTS7F 3 | .05 | 0.001 |
| MTS7F 4 | 1.88 | 0.055 |
| MTS7F 5 | .50 | 0.015 |
| MTS7F 6 | .15 | 0.004 |
| MTS7F 7 | 4.65 | 0.136 |
| MTS7F 8 | 2.00 | 0.058 |
| MTS7F 9 | 1.36 | 0.040 |
| MTS7F 10 | .52 | 0.015 |
| MTS7F 11 | 2.48 | 0.072 |
| MTS7F 12 | 5.05 | 0.147 |
| MTS7F 13 | 1.42 | 0.041 |
| MTS7F 14 | 1.80 | 0.053 |
| MTS7F 15 | 2.78 | 0.081 |
| MTS7F 16 | .80 | 0.023 |
| MTS7F 17 | .25 | 0.007 |
| MTS7F 18 | .05 | 0.001 |
| MTS7F 19 | .72 | 0.021 |
| MTS7F 20 | 3.65 | 0.106 |
| MTS7F 21 | 1.85 | 0.054 |

0.017

Certified by



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Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: LEVON RESOURCES
 Project: MINTO
 Attention: JIM MILLER-TAIT

File: 7-1606/P3
 Date: OCT 15/87
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON | |
|---------------|------------|-----------|--------------|
| MTS7F 22 | .62 | 0.018 | |
| MTS7F 23 | .59 | 0.017 | |
| MT8F 1 | .05 | 0.001 | |
| MT8F 2 | .04 | 0.001 | |
| MT8F 3 | .10 | 0.003 | |
| MT8F 4 | .02 | 0.001 | 0.004 |
| MT8F 5 | .01 | 0.001 | |
| MT8F 6 | .63 | 0.018 | |
| MT8F 7 | .40 | 0.012 | |
| MT8F 8 | .06 | 0.002 | |
| MT8F 9 | .04 | 0.001 | |
| MT8F 10 | .14 | 0.004 | |
| MT8F 11 | 27.40 | 0.799 | 0.370 / 5.5m |
| MT8F 12 | .69 | 0.020 | |
| MT8F 13 | 16.40 | 0.478 | |
| MT8F 14 | 2.95 | 0.086 | |
| MT8F 15 | 13.15 | 0.384 | |
| MT8F 16 | 15.20 | 0.443 | |
| MT8F 17 | .72 | 0.021 | 0.021 |
| MT8F 18 | 7.12 | 0.208 | |
| MT8F 19 | 30.40 | 0.887 | |
| MT9F 1 | .20 | 0.006 | |
| MT9F 2 | .04 | 0.001 | |
| MT9F 3 | .20 | 0.006 | |
| MT9F 4 | 1.02 | 0.030 | |
| MT9F 5 | .02 | 0.001 | 0.021 |
| MT9F 6 | 1.21 | 0.035 | |
| MT9F 7 | .10 | 0.003 | |
| MT9F 8 | 1.46 | 0.043 | |
| MT9F 9 | .60 | 0.018 | |

Certified by 

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

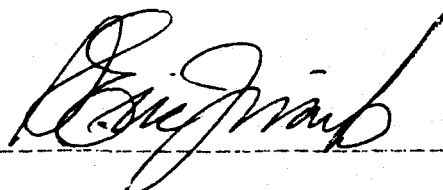
Company: LEVON RESOURCES
 Project:
 Attention: JIM MILLER-TAIT

File: 7-1463/P2
 Date: OCT 2/87
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON | |
|---------------|------------|-----------|-------------------------|
| MPL 1 | 35.60 | 1.038 | } <i>Open Stope</i> |
| MPL 2 | 210.00 | 6.125 | |
| MPL 3 | 11.10 | 0.324 | |
| MPL 4 | 27.90 | 0.814 | |
| MPL 5 | .24 | 0.007 | |
| MTS 1 | 3.00 | 0.088 | } <i>.033</i> |
| MTS 2 | .28 | 0.008 | |
| MTS 3 | 2.23 | 0.065 | |
| MTS 4 | 1.06 | 0.031 | |
| MTS 5 | .19 | 0.006 | |
| MTS 6 | .07 | 0.002 | } <i>Daintless Adit</i> |
| MTS 7 | 1.00 | 0.029 | |
| DA 00 | 1.25 | 0.036 | |
| DA 05 | .81 | 0.024 | |
| DA 10 | 4.65 | 0.136 | |
| DA 15 | 5.42 | 0.158 | |
| DA 20 | .20 | 0.006 | |
| DA 25 | 1.40 | 0.041 | } <i>Daintless Adit</i> |
| DA 30 | .07 | 0.002 | |
| DA 35 | .12 | 0.004 | |
| DA 40 | .62 | 0.018 | |
| DA 45 | .40 | 0.012 | |
| DA 50 | .60 | 0.018 | |
| DA 55 | .41 | 0.012 | } <i>Daintless Adit</i> |
| DA 60 | .39 | 0.011 | |

Certified by



MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

OCT - 6 1987

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7501067 UC

AVINO

Analytical Report

Company: ~~LEVON~~ RESOURCES
Project: *HNTO*
Attention: JIM MILLER-TAIT

File: 7-1463
Date: OCT 2/87
Type: ROCK ASSAY

Date Samples Received : SEPT 29/87
Samples Submitted by : JIM MILLER-TAIT

Report on Geochem Samples
.....
..... 38 Assay Samples
.....

- Copies sent to:
1. LEVON RESOURCES, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh Ground to mesh -150.....

Prepared samples stored: X discarded:
rejects stored: X discarded:

- Methods of analysis:
6 ELEMENT TRACE ICP.
12 ELEMENT TRACE ICP.
AU - FIRE ASSAY.

Remarks

PROJECT NO:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: T-1463R.P2

ATTENTION: JIM MILLER-TAIT

(604) 988-5814 OR (604) 988-4524

* TYPE ROCK SEDCHEN *

DATE: OCT 2, 1987

| VALUES IN PPM | AS | AS | BA | BI | CD | CU | MM | NI | FB | SB | V | ZN |
|---------------|------|-------|-----|-----|--------|-----|-------|-----|-------|------|-------|-------|
| MPL 1 | 68.1 | 62578 | 69 | 137 | 1125.9 | 600 | 1797 | 337 | 14764 | 6014 | 10.8 | 17075 |
| MPL 2 | 50.0 | 38001 | 51 | 233 | 484.6 | 253 | 9757 | 596 | 1170 | 858 | 6.5 | 1649 |
| MPL 3 | 8.9 | 43453 | 31 | 7 | 548.4 | 41 | 3446 | 258 | 442 | 230 | 5.0 | 292 |
| MPL 4 | 33.5 | 15479 | 85 | 49 | 173.3 | 89 | 2060 | 563 | 263 | 300 | 11.8 | 124 |
| MPL 5 | 3.2 | 1095 | 39 | 2 | 16.3 | 22 | 1214 | 351 | 588 | 38 | 71.7 | 195 |
| MTS 1 | 2.4 | 2758 | 71 | 2 | 33.0 | 51 | 4215 | 65 | 68 | 41 | 78.3 | 91 |
| MTS 2 | 1.2 | 1173 | 104 | 1 | 19.7 | 73 | 2364 | 177 | 77 | 59 | 74.4 | 1108 |
| MTS 3 | 2.4 | 3416 | 170 | 1 | 53.4 | 50 | 5038 | 238 | 116 | 77 | 17.4 | 1369 |
| MTS 4 | 2.1 | 1818 | 86 | 2 | 30.2 | 84 | 1948 | 232 | 215 | 99 | 94.4 | 901 |
| MTS 5 | 1.0 | 571 | 64 | 1 | 13.1 | 148 | 1897 | 464 | 59 | 28 | 95.4 | 753 |
| MTS 6 | .2 | 117 | 45 | 2 | 5.9 | 61 | 1029 | 297 | 21 | 7 | 95.3 | 269 |
| MTS 7 | .7 | 1282 | 84 | 3 | 16.7 | 81 | 1118 | 25 | 26 | 13 | 115.2 | 126 |
| DA 00 | .4 | 2330 | 236 | 1 | 27.3 | 37 | 372 | 14 | 73 | 534 | 12.1 | 174 |
| DA 05 | .7 | 2787 | 222 | 1 | 32.9 | 44 | 912 | 30 | 21 | 232 | 21.8 | 71 |
| DA 10 | 2.0 | 1295 | 89 | 1 | 19.0 | 23 | 5346 | 15 | 83 | 185 | 4.0 | 142 |
| DA 15 | 2.4 | 1738 | 69 | 1 | 23.5 | 16 | 5926 | 14 | 61 | 1027 | 1.2 | 50 |
| DA 20 | 3.6 | 420 | 107 | 3 | 10.1 | 36 | 10746 | 37 | 89 | 77 | 11.1 | 63 |
| DA 25 | .9 | 1100 | 218 | 1 | 14.3 | 38 | 1906 | 33 | 62 | 134 | 11.4 | 107 |
| DA 30 | .6 | 1052 | 403 | 1 | 13.5 | 34 | 1415 | 198 | 110 | 101 | 13.3 | 206 |
| DA 35 | .6 | 490 | 278 | 1 | 7.5 | 38 | 1276 | 101 | 20 | 81 | 39.4 | 71 |
| DA 40 | .4 | 365 | 397 | 1 | 5.1 | 49 | 926 | 19 | 48 | 98 | 14.9 | 82 |
| DA 45 | .9 | 442 | 138 | 1 | 4.8 | 91 | 1395 | 22 | 27 | 45 | 26.1 | 42 |
| DA 50 | 1.7 | 3064 | 141 | 2 | 34.5 | 52 | 3798 | 20 | 59 | 220 | 10.4 | 127 |
| DA 55 | .9 | 2885 | 219 | 2 | 31.3 | 24 | 1457 | 224 | 28 | 117 | 10.5 | 71 |
| DA 60 | 1.7 | 2171 | 125 | 1 | 25.5 | 51 | 3489 | 46 | 36 | 85 | 7.4 | 33 |

APPENDIX 5

Olympic Claims

Soil Geochemical Data

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Analytical Report

Company: AVINO MINES
Project: OLYMPIC
Attention: LOU WOLFIN

File: 7-970
Date: AUGUST 21/87
Type: SOIL GEOCHEM

Date Samples Received : AUGUST 3/87
Samples Submitted by : LOU WOLFIN

Report on 161 SOILS..... Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:
1. AVINO MINES, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh -80 MESH Ground to mesh

Prepared samples stored: X..... discarded:
rejects stored: discarded: X.....

Methods of analysis:
12 ELEMENT TRACE ICP.
AU-WET. A.A.

Remarks

*file - AVINO
= OLYMPIC
Assay*

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|---------------------|-----|-----|-----|------|----|-------|------|----|----|----|-------|-----|--------|
| DL 300S 01 000E | .6 | 16 | 211 | 8.8 | 16 | 42930 | 1305 | 1 | 3 | 6 | 61.7 | 559 | 5 |
| DL 300S 025E | .6 | 22 | 132 | 9.1 | 12 | 40040 | 570 | 2 | 12 | 1 | 57.8 | 902 | 20 |
| DL 300S 050E | .5 | 2 | 134 | 5.3 | 13 | 33240 | 434 | 1 | 7 | 2 | 52.6 | 255 | 5 |
| DL 300S 075E | .7 | 12 | 160 | 3.8 | 11 | 32080 | 380 | 2 | 9 | 1 | 50.5 | 299 | 10 |
| DL 300S 100E | .6 | 1 | 102 | 5.7 | 14 | 31730 | 334 | 3 | 15 | 1 | 46.0 | 108 | 5 |
| DL 300S 125E | 1.2 | 327 | 110 | 12.5 | 13 | 32780 | 306 | 2 | 20 | 21 | 42.9 | 140 | 20 |
| DL 300S 150E | .3 | 3 | 91 | 4.5 | 13 | 30100 | 325 | 2 | 3 | 2 | 43.3 | 88 | 5 |
| DL 300S 175E | .5 | 20 | 85 | 3.3 | 10 | 29620 | 383 | 1 | 9 | 2 | 46.4 | 109 | 5 |
| DL 300S 200E | .6 | 115 | 119 | 2.6 | 10 | 32000 | 580 | 1 | 12 | 2 | 44.7 | 120 | 5 |
| DL 300S 225E | .6 | 16 | 96 | 2.8 | 9 | 32890 | 401 | 1 | 11 | 3 | 51.0 | 80 | 5 |
| DL 300S 250E | 1.0 | 28 | 220 | 6.0 | 19 | 56570 | 1254 | 2 | 15 | 6 | 78.9 | 108 | 5 |
| DL 300S 275E | .6 | 25 | 142 | 3.7 | 14 | 40160 | 522 | 1 | 14 | 2 | 59.7 | 124 | 5 |
| DL 300S 300E | .6 | 14 | 101 | 3.5 | 12 | 31140 | 496 | 2 | 5 | 3 | 45.1 | 130 | 5 |
| DL 300S 325E | .6 | 18 | 122 | 2.9 | 10 | 35160 | 418 | 1 | 5 | 4 | 53.9 | 77 | 5 |
| DL 300S 350E | .6 | 10 | 117 | 2.7 | 11 | 33750 | 362 | 2 | 12 | 4 | 52.3 | 86 | 5 |
| DL 300S 375E | .6 | 4 | 122 | 2.5 | 16 | 35980 | 509 | 1 | 5 | 3 | 55.0 | 71 | 5 |
| DL 300S 400E | .2 | 16 | 97 | 2.2 | 12 | 35880 | 350 | 1 | 4 | 4 | 53.1 | 73 | 5 |
| DL 300S 425E | .6 | 17 | 135 | 3.6 | 18 | 44480 | 396 | 1 | 15 | 3 | 59.7 | 79 | 5 |
| DL 300S 450E | .5 | 14 | 116 | 3.7 | 13 | 34280 | 371 | 1 | 4 | 4 | 52.0 | 85 | 10 |
| DL 300S 475E | .7 | 5 | 182 | 3.5 | 13 | 35470 | 355 | 2 | 12 | 4 | 56.3 | 91 | 5 |
| DL 300S 500E | .9 | 12 | 191 | 5.7 | 17 | 60120 | 1643 | 3 | 13 | 2 | 81.6 | 117 | 5 |
| DL 300S 525E | .6 | 19 | 105 | 3.4 | 11 | 36620 | 447 | 1 | 12 | 3 | 56.9 | 69 | 5 |
| DL 300S 550E | .6 | 13 | 135 | 3.1 | 9 | 37310 | 434 | 1 | 4 | 3 | 56.0 | 82 | 5 |
| DL 300S 575E | .7 | 10 | 165 | 3.2 | 11 | 36160 | 495 | 1 | 7 | 3 | 51.9 | 150 | 5 |
| DL 300S 600E | .6 | 13 | 219 | 3.2 | 11 | 36320 | 552 | 2 | 9 | 4 | 51.6 | 105 | 5 |
| DL 300S 625E | .6 | 12 | 198 | 4.0 | 13 | 37520 | 717 | 1 | 10 | 3 | 52.6 | 139 | 10 |
| DL 300S 650E | .8 | 5 | 200 | 3.9 | 16 | 37950 | 479 | 3 | 8 | 2 | 55.6 | 146 | 5 |
| DL 300S 675E | .8 | 10 | 172 | 5.5 | 16 | 37290 | 521 | 3 | 3 | 3 | 52.0 | 313 | 5 |
| DL 300S 700E | .8 | 15 | 140 | 4.0 | 16 | 39980 | 250 | 3 | 9 | 2 | 73.0 | 53 | 5 |
| DL 300S 725E | .8 | 6 | 199 | 3.0 | 18 | 44220 | 711 | 2 | 5 | 3 | 63.6 | 139 | 5 |
| DL 300S 750E | .6 | 11 | 163 | 3.6 | 14 | 39880 | 306 | 1 | 10 | 2 | 55.1 | 161 | 5 |
| DL 300S 775E | .6 | 9 | 244 | 4.7 | 17 | 46530 | 574 | 3 | 17 | 2 | 65.5 | 114 | 5 |
| DL 300S 800E | .7 | 6 | 143 | 4.1 | 17 | 40660 | 309 | 4 | 4 | 1 | 58.7 | 172 | 5 |
| DL 300S 825E | .7 | 5 | 154 | 3.0 | 16 | 53370 | 405 | 2 | 12 | 1 | 79.5 | 122 | 10 |
| DL 300S 850E | 1.0 | 6 | 217 | 3.7 | 22 | 53380 | 550 | 4 | 7 | 2 | 62.7 | 130 | 5 |
| DL 300S 875E | .7 | 5 | 125 | 2.3 | 12 | 48870 | 160 | 11 | 13 | 9 | 67.7 | 66 | 10 |
| DL 300S 900E | .7 | 14 | 185 | 2.2 | 14 | 41040 | 536 | 1 | 9 | 4 | 58.0 | 106 | 5 |
| DL 300S 925E | .1 | 6 | 154 | .9 | 6 | 7480 | 620 | 2 | 4 | 1 | 11.3 | 60 | 5 |
| DL 300S 950E | .8 | 14 | 170 | 5.7 | 20 | 40000 | 570 | 3 | 6 | 2 | 66.7 | 214 | 5 |
| DL 300S 975E | .8 | 10 | 238 | 4.7 | 15 | 52760 | 339 | 7 | 8 | 3 | 67.3 | 124 | 10 |
| DL 300S 1000E | .6 | 8 | 166 | 4.0 | 13 | 42140 | 382 | 1 | 8 | 3 | 63.0 | 99 | 10 |
| DL 300S 1025E | .3 | 5 | 139 | .9 | 5 | 30430 | 100 | 10 | 5 | 2 | 37.9 | 35 | 5 |
| DL 300S 1050E | .8 | 7 | 223 | 3.6 | 11 | 42140 | 180 | 2 | 49 | 7 | 57.6 | 341 | 5 |
| DL 300S 1075E | .5 | 19 | 237 | 1.6 | 8 | 38520 | 199 | 2 | 4 | 3 | 55.7 | 123 | 5 |
| DL 300S 1100E | .5 | 2 | 232 | 1.1 | 8 | 35450 | 171 | 1 | 3 | 1 | 48.0 | 61 | 5 |
| DL 300S 1175E | .8 | 9 | 253 | 3.2 | 13 | 46580 | 265 | 5 | 7 | 1 | 62.4 | 284 | 5 |
| DL 300S 1200E | .9 | 10 | 229 | 5.6 | 22 | 43790 | 351 | 2 | 8 | 1 | 78.3 | 302 | 5 |
| DL 300S 1225E | .6 | 3 | 165 | 5.9 | 21 | 44950 | 453 | 4 | 3 | 4 | 68.7 | 314 | 5 |
| DL 300S 1250E | .8 | 14 | 257 | 7.0 | 25 | 45610 | 530 | 1 | 14 | 7 | 77.8 | 149 | 10 |
| DL 300S 1275E | .8 | 20 | 152 | 5.4 | 23 | 56570 | 279 | 6 | 18 | 7 | 101.1 | 108 | 5 |
| DL 300S 1300E | .8 | 15 | 180 | 6.4 | 21 | 48420 | 380 | 4 | 70 | 1 | 79.9 | 376 | 5 |
| DL 300S 1325E | .9 | 15 | 166 | 5.4 | 24 | 49520 | 398 | 1 | 7 | 11 | 89.1 | 194 | 5 |
| DL 300S 1400E | .8 | 6 | 265 | 3.8 | 17 | 53540 | 391 | 3 | 12 | 1 | 72.3 | 374 | 5 |
| DL 300S 1425E | .6 | 24 | 118 | 2.8 | 14 | 48580 | 196 | 2 | 11 | 4 | 77.8 | 141 | 5 |
| DL 300S 1450E | .7 | 22 | 131 | 3.2 | 14 | 45890 | 271 | 2 | 13 | 9 | 72.1 | 138 | 5 |
| DL 300S 1475E | .9 | 7 | 193 | 3.2 | 16 | 37810 | 611 | 2 | 14 | 3 | 62.1 | 243 | 5 |
| DL 300S 1500E | .7 | 10 | 146 | 2.9 | 13 | 41370 | 268 | 2 | 14 | 4 | 64.2 | 168 | 5 |
| B7 DL 300S 02 5W | .6 | 25 | 147 | 6.1 | 13 | 40260 | 637 | 1 | 8 | 2 | 60.1 | 249 | 5 |
| B7 DL BL 300S 05 0W | .6 | 1 | 80 | 3.7 | 11 | 31970 | 325 | 2 | 7 | 2 | 50.8 | 200 | 5 |
| B7 DL BL 300S 07 5W | .7 | 25 | 91 | 4.8 | 13 | 38020 | 568 | 2 | 9 | 1 | 56.2 | 180 | 5 |

COMPANY: AVINC MINES
 PROJECT NO: OLYMPIC
 ATTENTION: LOU WOLFEN

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

ACT:FD1 PAGE 1 OF 1
 FILE NO: 7-970S/P3
 DATE: AUGUST 21, 1987

| VALUES IN PPM | | | AG | AS | BA | CD | CO | FE | MM | MO | PB | SB | V | ZN | AU-PPB |
|---------------|----|---------------|-----|-----|-----|------|----|-------|------|----|----|----|-------|-----|--------|
| 87 | DL | BL 300S 12 SW | .5 | 2 | 103 | 2.0 | 8 | 20950 | 576 | 1 | 9 | 3 | 43.5 | 98 | 5 |
| 87 | DL | BL 300S 15 OW | .6 | 10 | 71 | 2.6 | 9 | 25930 | 586 | 2 | 6 | 1 | 59.6 | 88 | 5 |
| 87 | DL | BL 300S 17 SW | 1.2 | 16 | 174 | 5.5 | 24 | 52990 | 1179 | 1 | 14 | 1 | 92.0 | 390 | 30 |
| 87 | DL | BL 300S 20 OW | 1.3 | 14 | 180 | 3.7 | 16 | 37750 | 1695 | 4 | 3 | 2 | 71.2 | 214 | 10 |
| 87 | DL | BL 300S 22 SW | 1.7 | 355 | 95 | 19.1 | 26 | 67670 | 1230 | 2 | 21 | 4 | 131.4 | 573 | 400 |
| 87 | DL | BL 300S 25 OW | 1.1 | 8 | 181 | 4.8 | 17 | 55160 | 454 | 1 | 16 | 4 | 104.1 | 193 | 10 |
| 87 | DL | BL 300S 27 SW | 1.1 | 29 | 167 | 4.3 | 14 | 42750 | 543 | 3 | 14 | 4 | 81.4 | 234 | 5 |
| 87 | DL | BL 300S 30 OW | 1.4 | 36 | 276 | 4.6 | 20 | 55010 | 721 | 5 | 18 | 5 | 99.9 | 203 | 10 |
| 87 | DL | BL 300S 32 SW | 1.2 | 34 | 251 | 5.6 | 15 | 49720 | 766 | 4 | 14 | 4 | 86.1 | 204 | 5 |
| 87 | DL | BL 300S 35 OW | .1 | 10 | 222 | .1 | 4 | 5360 | 315 | 2 | 4 | 1 | 11.2 | 30 | 15 |
| 87 | DL | BL 300S 37 SW | .1 | 9 | 255 | .9 | 7 | 18690 | 931 | 1 | 3 | 3 | 25.0 | 90 | 5 |
| 87 | DL | BL 300S 40 OW | 1.6 | 27 | 321 | 5.9 | 19 | 46690 | 3905 | 3 | 13 | 1 | 65.5 | 102 | 10 |
| 87 | DL | BL 300S 42 SW | .9 | 20 | 141 | 2.9 | 10 | 31010 | 521 | 2 | 12 | 2 | 60.4 | 170 | 5 |
| 87 | DL | BL 300S 45 OW | .8 | 4 | 202 | 3.0 | 15 | 43680 | 704 | 3 | 6 | 3 | 77.3 | 221 | 5 |
| 87 | DL | BL 300S 47 SW | .8 | 27 | 188 | 4.0 | 13 | 37110 | 419 | 3 | 5 | 3 | 73.9 | 209 | 10 |
| 87 | DL | BL 300S 50 OW | 1.4 | 13 | 244 | 5.7 | 22 | 54530 | 855 | 5 | 21 | 3 | 100.6 | 170 | 5 |
| 87 | DL | BL 300S 52 SW | 1.2 | 6 | 255 | 5.8 | 19 | 49790 | 654 | 4 | 19 | 1 | 107.0 | 166 | 5 |
| 87 | DL | BL 300S 55 OW | .6 | 13 | 185 | 3.5 | 12 | 41410 | 448 | 2 | 9 | 4 | 70.8 | 138 | 5 |
| 87 | DL | BL 300S 57 SW | .8 | 10 | 252 | 3.8 | 11 | 37250 | 612 | 2 | 13 | 2 | 61.2 | 180 | 10 |
| 87 | DL | BL 300S 60 OW | 1.3 | 33 | 359 | 4.8 | 14 | 48580 | 1304 | 3 | 74 | 5 | 75.0 | 427 | 5 |
| 87 | DL | BL 300S 62 SW | 1.0 | 17 | 199 | 4.2 | 10 | 35570 | 1181 | 3 | 12 | 1 | 53.0 | 356 | 5 |
| 87 | DL | BL 300S 65 OW | .6 | 4 | 278 | 2.8 | 6 | 42650 | 604 | 1 | 10 | 7 | 49.1 | 212 | 5 |
| 87 | DL | BL 300S 67 SW | 1.1 | 10 | 315 | 3.6 | 12 | 48500 | 1954 | 3 | 8 | 1 | 68.8 | 241 | 5 |
| 87 | DL | BL 300S 70 OW | 1.0 | 29 | 367 | 4.3 | 11 | 43920 | 1632 | 3 | 5 | 1 | 65.6 | 245 | 5 |
| 87 | DL | BL 300S 72 SW | .6 | 21 | 299 | 4.6 | 9 | 43040 | 937 | 2 | 14 | 6 | 50.7 | 149 | 5 |
| 87 | DL | BL 300S 75 OW | 1.0 | 19 | 290 | 2.5 | 11 | 44940 | 2921 | 2 | 7 | 2 | 48.1 | 142 | 5 |
| 87 | DL | BL 300S 77 SW | 1.7 | 4 | 388 | 3.5 | 17 | 52060 | 5182 | 2 | 21 | 11 | 55.9 | 174 | 50 |
| 87 | DL | BL 300S 80 OW | .8 | 16 | 268 | 2.2 | 10 | 43080 | 2473 | 2 | 7 | 1 | 45.8 | 156 | 5 |
| 87 | DL | BL 300S 82 SW | .8 | 16 | 203 | 2.5 | 10 | 38170 | 765 | 2 | 6 | 1 | 55.2 | 150 | 5 |
| 87 | DL | BL 300S 85 OW | 1.6 | 396 | 225 | 11.1 | 12 | 39990 | 2380 | 2 | 62 | 16 | 45.2 | 183 | 250 |

COMPANY: AVING MINES

MIL-EN LABS REP REPORT

FACT: F011 PAGE 1 OF 1

PROJECT NO: OLYMPIC

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-9705/P4

ATTENTION: LOU WOLFEN

(604) 980-5814 OR (604) 988-4524

* TYPE EDIL GEOCHEM *

DATE: AUGUST 21, 1987

| VALUES IN PPM | | | AS | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|---------------|----|----------------|-----|------|------|------|-----|--------|------|----|-----|-----|-------|------|--------|
| 87 | DL | BL 300S 87 SW | 1.2 | 97 | 382 | 4.2 | 11 | 55170 | 3308 | 2 | 34 | 4 | 43.1 | 210 | 10 |
| 87 | DL | BL 300S 90 OW | .8 | 22 | 424 | 5.0 | 16 | 57280 | 1564 | 2 | 4 | 8 | 72.3 | 164 | 5 |
| 87 | DL | BL 300S 92 SW | .6 | 12 | 160 | 4.4 | 12 | 38790 | 526 | 2 | 6 | 5 | 72.5 | 84 | 10 |
| 87 | DL | BL 300S 95 OW | .7 | 4 | 250 | 3.3 | 14 | 40320 | 742 | 2 | 16 | 4 | 72.6 | 177 | 5 |
| 87 | DL | BL 300S 10 00W | .8 | 13 | 243 | 3.4 | 11 | 35620 | 410 | 2 | 12 | 2 | 64.1 | 135 | 5 |
| 87TS | 01 | | 5.4 | 1531 | 126 | 72.6 | 103 | 179650 | 793 | 3 | 177 | 48 | 15.9 | 1270 | 55 |
| 87TS | 02 | | .1 | 41 | 295 | 11.4 | 8 | 56360 | 177 | 6 | 10 | 9 | 60.5 | 30 | 5 |
| 87TS | 03 | | .1 | 33 | 81 | 9.7 | 71 | 92030 | 711 | 1 | 4 | 6 | 35.0 | 47 | 5 |
| 87TS | 04 | | .5 | 34 | 114 | 8.6 | 26 | 52390 | 238 | 1 | 12 | 1 | 69.2 | 68 | 20 |
| 87TS | 05 | | .6 | 31 | 151 | 8.5 | 30 | 63200 | 654 | 2 | 7 | 6 | 80.7 | 68 | 5 |
| 87TS | 06 | | .6 | 21 | 194 | 5.2 | 25 | 53740 | 401 | 2 | 15 | 5 | 66.4 | 84 | 5 |
| 87TS | 07 | | 2.3 | 174 | 1119 | 9.3 | 46 | 97810 | 321 | 36 | 505 | 162 | 30.3 | 856 | 5 |
| 87TS | 08 | | .8 | 4 | 460 | 3.0 | 20 | 55120 | 346 | 2 | 69 | 19 | 53.6 | 86 | 5 |
| 87TS | 09 | | 1.0 | 25 | 314 | 4.6 | 16 | 61010 | 331 | 2 | 103 | 27 | 60.5 | 213 | 5 |
| 87TS | 10 | | .9 | 7 | 253 | 5.1 | 19 | 73890 | 392 | 1 | 74 | 41 | 70.2 | 187 | 5 |
| 87TS | 11 | | .8 | 2 | 219 | .9 | 19 | 34790 | 66 | 1 | 62 | 9 | 31.6 | 61 | 5 |
| 87TS | 12 | | .9 | 38 | 367 | 4.8 | 16 | 49670 | 256 | 2 | 86 | 17 | 39.3 | 279 | 10 |
| 87TS | 13 | | .6 | 2 | 1029 | 2.3 | 10 | 56000 | 229 | 3 | 4 | 2 | 53.6 | 92 | 30 |
| 87TS | 14 | | 1.2 | 8 | 258 | 5.7 | 20 | 63440 | 1551 | 1 | 17 | 25 | 97.8 | 117 | 80 |
| 87TS | 15 | | 1.0 | 17 | 314 | 5.6 | 20 | 56580 | 1575 | 2 | 11 | 12 | 84.9 | 145 | 20 |
| 87TS | 16 | | 1.5 | 20 | 409 | 6.0 | 22 | 72050 | 1901 | 2 | 11 | 12 | 111.1 | 154 | 25 |
| 87TS | 17 | | 1.4 | 17 | 211 | 3.2 | 14 | 57000 | 757 | 3 | 13 | 2 | 106.6 | 105 | 5 |
| 87TS | 18 | | 1.2 | 49 | 254 | 5.0 | 44 | 128960 | 1061 | 36 | 19 | 6 | 131.6 | 84 | 10 |
| 87TS | 19 | | 1.1 | 18 | 155 | 3.8 | 26 | 77750 | 1033 | 1 | 9 | 6 | 82.4 | 99 | 10 |
| 87TS | 20 | | .8 | 10 | 83 | 2.0 | 9 | 26730 | 261 | 2 | 10 | 1 | 56.9 | 47 | 5 |
| 87TS | 21 | | .5 | 25 | 371 | 3.6 | 31 | 62810 | 422 | 3 | 20 | 3 | 80.9 | 41 | 5 |
| 87TS | 22 | | .8 | 2 | 200 | 3.3 | 14 | 33490 | 594 | 1 | 8 | 4 | 60.2 | 143 | 5 |
| 87TS | 23 | | .8 | 13 | 267 | 6.7 | 22 | 54250 | 489 | 6 | 13 | 5 | 116.9 | 95 | 5 |
| 87TS | 24 | | .9 | 26 | 225 | 5.6 | 26 | 64720 | 598 | 1 | 19 | 7 | 89.1 | 95 | 10 |
| 87TS | 25 | | .8 | 6 | 144 | 3.1 | 12 | 32210 | 329 | 2 | 6 | 4 | 63.5 | 99 | 5 |

COMPANY: AVING MINES
 PROJECT NO: OLYMPIC
 ATTENTION: LOU WOLFEN

MIN-EN LABS TOP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4524

FACT:FD11 PAGE 1 OF 1
 FILE NO: 7-970/P5+6
 DATE: AUGUST 21, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MM | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|------|-----|------|----|--------|------|----|----|----|-------|-----|--------|
| 87TS 26 | 1.0 | 20 | 200 | 3.6 | 15 | 36150 | 577 | 1 | 10 | 5 | 70.6 | 70 | 5 |
| 87TS 27 | .9 | 9 | 208 | 3.0 | 15 | 41290 | 418 | 1 | 15 | 5 | 72.7 | 152 | 5 |
| 87TS 28 | .6 | 11 | 103 | 2.5 | 8 | 25020 | 258 | 1 | 6 | 3 | 52.7 | 48 | 5 |
| 87TS 29 | .7 | 15 | 149 | 2.5 | 8 | 25090 | 237 | 2 | 5 | 3 | 53.0 | 48 | 5 |
| 87TS 30 | .8 | 15 | 87 | 2.4 | 8 | 24920 | 253 | 2 | 3 | 3 | 52.3 | 41 | 10 |
| 87TS 31 | .6 | 3 | 66 | 2.1 | 6 | 22590 | 198 | 2 | 7 | 1 | 44.6 | 39 | 10 |
| 87TS 32 | .8 | 9 | 116 | 2.5 | 8 | 24020 | 329 | 1 | 6 | 3 | 49.3 | 58 | 5 |
| 87TS 33 | .6 | 4 | 91 | 2.5 | 6 | 18790 | 213 | 1 | 5 | 2 | 36.3 | 51 | 5 |
| 87TS 34 | .7 | 14 | 117 | 2.7 | 8 | 21770 | 300 | 1 | 7 | 3 | 43.8 | 104 | 5 |
| 87TS 35 | .7 | 10 | 66 | 2.5 | 7 | 22990 | 249 | 1 | 9 | 3 | 47.3 | 42 | 5 |
| 87TS 36 | .6 | 4 | 107 | 1.8 | 8 | 23590 | 295 | 1 | 11 | 2 | 46.3 | 72 | 10 |
| 87TS 37 | .8 | 3 | 135 | 2.2 | 10 | 25670 | 431 | 2 | 4 | 3 | 50.6 | 120 | 5 |
| 87TS 38 | .8 | 12 | 79 | 2.3 | 8 | 24940 | 250 | 1 | 4 | 3 | 53.2 | 51 | 5 |
| 87TS 39 | .8 | 11 | 170 | 2.3 | 9 | 24460 | 508 | 1 | 5 | 3 | 49.9 | 112 | 10 |
| 87TS 40 | .9 | 11 | 84 | 2.3 | 9 | 25770 | 312 | 1 | 6 | 1 | 56.2 | 41 | 5 |
| 87TS 41 | 1.0 | 1 | 102 | 2.0 | 9 | 26360 | 252 | 1 | 8 | 1 | 55.2 | 69 | 5 |
| 87TS 42 | .7 | 25 | 99 | 3.3 | 16 | 42760 | 359 | 3 | 8 | 1 | 83.3 | 71 | 5 |
| 87TS 43 | 1.2 | 17 | 121 | 4.7 | 25 | 58330 | 444 | 2 | 18 | 5 | 105.4 | 96 | 10 |
| 87TS 44 | 1.4 | 12 | 146 | 3.8 | 20 | 48300 | 370 | 2 | 14 | 5 | 93.1 | 81 | 5 |
| 87TS 45 | 1.0 | 9 | 125 | 3.8 | 20 | 40690 | 527 | 2 | 13 | 5 | 78.2 | 145 | 20 |
| 87TS 46 | 1.0 | 3 | 158 | 2.1 | 16 | 35140 | 947 | 1 | 8 | 3 | 66.3 | 192 | 5 |
| 87TS 47 | 1.2 | 21 | 107 | 3.4 | 13 | 43920 | 359 | 3 | 8 | 3 | 85.8 | 82 | 10 |
| 87TS 48 | 1.2 | 33 | 224 | 4.7 | 48 | 83200 | 1195 | 4 | 8 | 2 | 121.1 | 226 | 5 |
| 87TS 49 | 1.2 | 166 | 214 | 9.3 | 64 | 108360 | 921 | 1 | 4 | 9 | 127.5 | 179 | 20 |
| 87TS 50 | 1.0 | 3 | 140 | 5.2 | 39 | 89250 | 416 | 3 | 21 | 8 | 141.5 | 99 | 10 |
| 87TS 51 | 1.0 | 24 | 119 | 3.7 | 21 | 84080 | 430 | 1 | 13 | 7 | 162.2 | 76 | 5 |
| 87TS 52 | 1.0 | 8 | 122 | 2.7 | 31 | 99830 | 492 | 3 | 3 | 7 | 146.4 | 97 | 5 |
| 87TS 53 | 1.3 | 19 | 119 | 2.6 | 40 | 131280 | 618 | 4 | 7 | 7 | 145.1 | 106 | 5 |
| 87TS 54 | 1.3 | 2097 | 140 | 43.6 | 14 | 106290 | 1153 | 1 | 4 | 24 | 136.7 | 97 | 240 |
| 87TS 55 | 1.0 | 20 | 100 | 3.9 | 17 | 64040 | 400 | 3 | 16 | 7 | 119.5 | 71 | 5 |
| 87TS 56 | .6 | 10 | 60 | 2.9 | 14 | 43820 | 223 | 2 | 3 | 4 | 78.9 | 53 | 5 |
| 87TS 57 | .5 | 13 | 127 | 3.7 | 16 | 44620 | 424 | 1 | 10 | 1 | 71.5 | 97 | 5 |
| 87TS 58 | .6 | 17 | 135 | 3.4 | 24 | 52470 | 388 | 1 | 15 | 6 | 96.2 | 118 | 5 |
| 87TS 59 | 1.1 | 11 | 129 | 4.5 | 24 | 55960 | 507 | 2 | 10 | 8 | 117.0 | 96 | 5 |
| 87TS 60 | 1.0 | 29 | 148 | 5.3 | 24 | 71110 | 483 | 2 | 6 | 2 | 122.1 | 156 | 5 |
| 87TS 61 | .8 | 7 | 139 | 4.1 | 16 | 43140 | 416 | 2 | 10 | 2 | 76.0 | 137 | 5 |
| 87TS 62 | 1.1 | 85 | 102 | 6.8 | 20 | 67490 | 345 | 3 | 6 | 3 | 125.4 | 72 | 10 |
| 87TS 63 | 1.1 | 9 | 81 | 2.9 | 14 | 41900 | 333 | 2 | 13 | 44 | 90.0 | 51 | 5 |
| 87TS 64 | 1.2 | 24 | 117 | 4.6 | 16 | 53700 | 426 | 2 | 17 | 21 | 100.1 | 56 | 5 |
| 87TS 65 | .8 | 26 | 95 | 4.2 | 16 | 41340 | 336 | 3 | 11 | 1 | 75.5 | 82 | 5 |
| 87TS 66 | 1.0 | 8 | 197 | 3.9 | 20 | 43210 | 600 | 2 | 7 | 5 | 71.3 | 171 | 5 |

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Analytical Report

Company: AVIND MINES
Project: OLYMPIC
Attention: MR. CHRISTOFFERSEN

File: 7-1034
Date: AUGUST 25/87
Type: SOIL GEOCHEM

Date Samples Received : AUGUST 12/87
Samples Submitted by : MR. CHRISTOFFERSEN

Report on 1 ROCK, 334 SOILS..... Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:
1. AVIND MINES, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh-80 MESH..... Ground to mesh -80 MESH.....

Prepared samples stored:.....X.... discarded:.....
rejects stored:..... discarded:.....X.....

Methods of analysis:

12 ELEMENT TRACE ICP.
AU-WET.A.A.

Remarks

COMPANY: AVIND MINES

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: OLYMPIC

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-10345/P1+2

ATTENTION: MR. CHRISTOFFERSEN

(604)980-5814 DR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 25, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|------|-----|------|----|-------|-----|----|-----|-----|-------|-----|--------|
| DL 600S-25E | .6 | 14 | 125 | 3.1 | 13 | 58770 | 350 | 4 | 19 | 5 | 50.2 | 348 | 5 |
| DL 600S-50E | 1.0 | 1 | 157 | 3.6 | 13 | 47620 | 682 | 2 | 5 | 4 | 80.1 | 188 | 5 |
| DL 600S-75E | 1.7 | 5 | 99 | 3.8 | 17 | 47800 | 722 | 1 | 13 | 8 | 79.9 | 102 | 5 |
| DL 600S-100E | 1.2 | 9 | 110 | 3.3 | 13 | 40270 | 508 | 2 | 5 | 16 | 60.0 | 113 | 5 |
| DL 600S-125E | 1.1 | 20 | 110 | 4.9 | 9 | 35720 | 423 | 1 | 11 | 11 | 64.0 | 193 | 5 |
| DL 600S-150E | .8 | 1 | 84 | 2.9 | 10 | 29320 | 527 | 1 | 11 | 2 | 63.7 | 67 | 5 |
| DL 600S-175E | 1.4 | 29 | 160 | 4.6 | 15 | 45260 | 660 | 1 | 4 | 3 | 84.7 | 292 | 5 |
| DL 600S-200E | 2.6 | 608 | 127 | 18.2 | 19 | 71380 | 777 | 3 | 157 | 382 | 57.4 | 364 | 20 |
| DL 600S-225E | 1.2 | 4 | 149 | 4.4 | 12 | 41240 | 430 | 2 | 13 | 8 | 72.0 | 175 | 5 |
| DL 600S-275E | .8 | 10 | 193 | 4.5 | 11 | 37760 | 743 | 2 | 14 | 4 | 63.9 | 188 | 5 |
| DL 600S-350E | .8 | 18 | 163 | 5.3 | 14 | 33230 | 837 | 2 | 17 | 5 | 58.7 | 164 | 5 |
| DL 600S-375E | .8 | 1 | 161 | 4.5 | 11 | 39590 | 502 | 1 | 22 | 5 | 66.5 | 95 | 5 |
| DL 600S-425E | .9 | 51 | 126 | 7.2 | 17 | 37700 | 422 | 1 | 11 | 6 | 59.8 | 277 | 5 |
| DL 600S-450E | .8 | 112 | 111 | 7.7 | 13 | 33360 | 375 | 2 | 28 | 7 | 52.8 | 265 | 5 |
| DL 600S-475E | .8 | 14 | 164 | 5.0 | 13 | 38900 | 477 | 2 | 3 | 4 | 68.3 | 121 | 5 |
| DL 600S-500E | 1.1 | 16 | 162 | 6.2 | 24 | 52350 | 862 | 2 | 19 | 1 | 84.7 | 236 | 30 |
| DL 600S-525E | .7 | 22 | 115 | 4.4 | 12 | 38810 | 363 | 2 | 6 | 4 | 67.1 | 130 | 5 |
| DL 600S-550E | .5 | 1 | 144 | 2.7 | 9 | 32180 | 317 | 1 | 12 | 2 | 63.2 | 105 | 5 |
| DL 600S-575E | 1.8 | 344 | 94 | 12.3 | 20 | 54050 | 491 | 2 | 38 | 21 | 37.2 | 139 | 10 |
| DL 600S-600E | .9 | 1210 | 63 | 25.9 | 14 | 58210 | 315 | 1 | 77 | 6 | 19.2 | 106 | 10 |
| DL 600S-625E | .7 | 7 | 150 | 2.6 | 9 | 39430 | 430 | 1 | 11 | 6 | 69.8 | 81 | 5 |
| DL 600S-650E | .6 | 5 | 177 | 3.2 | 10 | 31460 | 572 | 2 | 8 | 2 | 58.5 | 141 | 5 |
| DL 600S-675E | .8 | 27 | 145 | 5.1 | 15 | 39560 | 619 | 1 | 10 | 3 | 68.6 | 78 | 5 |
| DL 600S-700E | .9 | 17 | 98 | 4.1 | 13 | 34060 | 406 | 1 | 4 | 2 | 64.1 | 82 | 5 |
| DL 600S-725E | .7 | 22 | 115 | 2.8 | 12 | 38140 | 515 | 1 | 7 | 3 | 64.2 | 87 | 5 |
| DL 600S-750E | .9 | 16 | 136 | 3.4 | 14 | 38070 | 450 | 1 | 12 | 2 | 67.4 | 76 | 5 |
| DL 600S-775E | 1.1 | 9 | 198 | 4.3 | 20 | 46960 | 512 | 4 | 17 | 1 | 82.6 | 85 | 10 |
| DL 600S-800E | 1.0 | 18 | 185 | 5.3 | 21 | 44670 | 600 | 4 | 15 | 1 | 76.2 | 156 | 5 |
| DL 600S-825E | .8 | 15 | 179 | 4.8 | 20 | 43320 | 558 | 3 | 5 | 1 | 76.6 | 105 | 5 |
| DL 600S-850E | .8 | 26 | 188 | 6.2 | 19 | 37220 | 373 | 2 | 8 | 3 | 68.2 | 292 | 5 |
| DL 600S-875E | .9 | 13 | 257 | 7.0 | 19 | 37910 | 642 | 1 | 12 | 5 | 71.3 | 212 | 5 |
| DL 600S-900E | .8 | 19 | 132 | 5.4 | 17 | 34930 | 312 | 1 | 10 | 1 | 65.7 | 83 | 10 |
| DL 600S-925E | .8 | 22 | 206 | 4.4 | 22 | 40050 | 665 | 1 | 16 | 1 | 67.7 | 150 | 5 |
| DL 600S-950E | 1.0 | 21 | 173 | 5.4 | 23 | 46880 | 722 | 2 | 7 | 3 | 76.4 | 94 | 5 |
| DL 600S-975E | .9 | 3 | 141 | 5.3 | 23 | 46800 | 479 | 1 | 15 | 2 | 79.3 | 92 | 5 |
| DL 600S-1000E | .8 | 4 | 150 | 6.6 | 22 | 46440 | 335 | 2 | 8 | 4 | 72.7 | 104 | 5 |
| DL 600S-1025E | .8 | 26 | 126 | 4.0 | 18 | 34660 | 417 | 1 | 7 | 3 | 62.8 | 173 | 5 |
| DL 600S-1050E | .9 | 5 | 104 | 5.9 | 18 | 38260 | 289 | 3 | 16 | 3 | 73.0 | 91 | 5 |
| DL 600S-1075E | 1.0 | 8 | 149 | 4.7 | 24 | 40030 | 706 | 2 | 15 | 2 | 66.5 | 189 | 5 |
| DL 600S-1100E | 1.0 | 12 | 92 | 4.9 | 18 | 38160 | 322 | 3 | 15 | 3 | 71.4 | 86 | 10 |
| DL 600S-1125E | .8 | 4 | 132 | 3.6 | 16 | 29920 | 707 | 1 | 8 | 2 | 49.8 | 124 | 5 |
| DL 600S-1150E | .9 | 4 | 96 | 5.5 | 21 | 44320 | 370 | 1 | 7 | 7 | 77.6 | 105 | 5 |
| DL 600S-1175E | .9 | 3 | 130 | 4.3 | 21 | 42900 | 285 | 2 | 8 | 10 | 74.9 | 92 | 5 |
| DL 600S-1200E | .8 | 3 | 134 | 3.9 | 18 | 34340 | 272 | 1 | 5 | 10 | 63.1 | 95 | 5 |
| DL 600S-1225E | .9 | 4 | 113 | 4.5 | 16 | 46120 | 204 | 4 | 10 | 14 | 75.9 | 41 | 5 |
| DL 600S-1250E | .7 | 7 | 130 | 6.2 | 22 | 46140 | 386 | 8 | 10 | 25 | 81.9 | 62 | 20 |
| DL 600S-1275E | 1.4 | 30 | 149 | 5.1 | 28 | 62050 | 385 | 61 | 19 | 6 | 126.7 | 58 | 5 |
| DL 600S-1300E | .7 | 23 | 136 | 3.5 | 19 | 44960 | 405 | 5 | 4 | 5 | 89.0 | 68 | 5 |
| DL 600S-1325E | .7 | 25 | 122 | 4.7 | 17 | 48150 | 343 | 15 | 12 | 6 | 99.2 | 62 | 5 |
| DL 600S-1350E | .7 | 3 | 112 | 3.0 | 11 | 34930 | 266 | 31 | 27 | 2 | 75.2 | 71 | 5 |
| DL 600S-1375E | 1.4 | 37 | 203 | 7.9 | 31 | 78870 | 436 | 46 | 4 | 6 | 110.0 | 56 | 50 |
| DL 600S-1400E | 1.1 | 25 | 392 | 8.2 | 30 | 59540 | 506 | 25 | 23 | 2 | 108.7 | 115 | 20 |
| DL 600S-1425E | .9 | 4 | 274 | 9.6 | 31 | 53670 | 349 | 27 | 15 | 17 | 104.6 | 180 | 40 |
| DL 600S-1450E | .4 | 20 | 137 | 6.1 | 17 | 37510 | 183 | 10 | 25 | 4 | 75.9 | 52 | 5 |
| DL 600S-1475E | .8 | 27 | 177 | 6.9 | 20 | 33420 | 358 | 3 | 16 | 2 | 77.2 | 71 | 5 |
| DL 600S-1500E | 1.1 | 25 | 163 | 7.2 | 27 | 64160 | 434 | 1 | 26 | 28 | 130.1 | 94 | 20 |
| DL 600S-00W | .5 | 8 | 109 | 2.0 | 8 | 32220 | 362 | 1 | 5 | 1 | 49.6 | 171 | 5 |
| DL 600S-25W | .7 | 20 | 209 | 4.4 | 13 | 47090 | 699 | 3 | 10 | 1 | 71.1 | 126 | 5 |
| DL 600S-50W | 1.3 | 9 | 303 | 3.7 | 10 | 40390 | 854 | 2 | 10 | 1 | 50.9 | 142 | 5 |
| DL 600S-75W | .4 | 17 | 438 | 2.3 | 7 | 42260 | 818 | 3 | 13 | 4 | 65.7 | 231 | 5 |

COMPANY: AVINO MINES
 PROJECT NO: OLYMPIC
 ATTENTION: MR. CHRISTOFFERSEN

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 7-1034/P3+4
 DATE: AUGUST 25, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|------------------|-----|------|-----|------|----|-------|------|----|----|----|-------|-----|--------|
| DL 600S-100W | .7 | 17 | 143 | .5 | 7 | 53520 | 114 | 1 | 11 | 1 | 41.3 | 229 | 5 |
| DL 600S-125W | 1.4 | 14 | 331 | 3.4 | 15 | 46830 | 639 | 1 | 6 | 1 | 72.8 | 165 | 10 |
| DL 600S-150W | .4 | 27 | 196 | 2.7 | 15 | 65040 | 556 | 2 | 7 | 5 | 87.3 | 196 | 5 |
| DL 600S-175W | .5 | 13 | 165 | 1.8 | 7 | 33290 | 529 | 1 | 12 | 4 | 48.4 | 135 | 5 |
| DL 600S-200W | 1.3 | 8 | 312 | 4.6 | 13 | 41460 | 902 | 3 | 4 | 5 | 62.0 | 92 | 10 |
| DL 600S-225W | .5 | 19 | 133 | 1.5 | 8 | 38820 | 379 | 1 | 12 | 4 | 56.5 | 87 | 5 |
| DL 600S-250W | .7 | 14 | 257 | 1.6 | 9 | 32030 | 1062 | 2 | 9 | 1 | 51.4 | 156 | 5 |
| DL 600S-275W | .8 | 19 | 244 | 2.9 | 10 | 36050 | 757 | 2 | 14 | 1 | 57.9 | 293 | 5 |
| DL 600S-300W | .9 | 20 | 238 | 2.7 | 11 | 39960 | 1449 | 2 | 15 | 1 | 63.8 | 208 | 5 |
| DL 600S-325W | .6 | 18 | 183 | 1.9 | 10 | 35570 | 484 | 1 | 7 | 2 | 61.2 | 185 | 10 |
| DL 600S-350W | 1.1 | 27 | 255 | 5.1 | 15 | 43310 | 2015 | 2 | 15 | 2 | 68.4 | 350 | 5 |
| DL 600S-375W | .8 | 18 | 189 | 3.5 | 14 | 42890 | 865 | 3 | 4 | 1 | 63.2 | 240 | 5 |
| DL 600S-400W | .8 | 1 | 133 | 3.4 | 12 | 37360 | 434 | 1 | 13 | 5 | 66.7 | 193 | 10 |
| DL 600S-425W 40M | .7 | 3 | 170 | 1.6 | 4 | 12940 | 254 | 1 | 6 | 2 | 18.3 | 22 | 10 |
| DL 600S-450W | .9 | 2 | 167 | 2.9 | 11 | 35140 | 504 | 1 | 6 | 2 | 64.9 | 207 | 5 |
| DL 600S-475W | 1.1 | 3 | 333 | 4.2 | 15 | 41320 | 709 | 2 | 14 | 1 | 75.1 | 312 | 5 |
| DL 600S-500W | .9 | 19 | 253 | 4.1 | 10 | 33460 | 828 | 2 | 4 | 1 | 58.5 | 243 | 5 |
| DL 600S-525W | 1.0 | 27 | 374 | 3.6 | 14 | 40830 | 1248 | 1 | 8 | 2 | 69.7 | 339 | 5 |
| DL 600S-550W | .7 | 2 | 223 | 3.2 | 11 | 40940 | 663 | 1 | 6 | 3 | 65.8 | 174 | 5 |
| DL 600S-575W | 1.0 | 27 | 298 | 3.2 | 13 | 43120 | 1025 | 2 | 14 | 3 | 70.4 | 244 | 5 |
| DL 600S-600W | .8 | 12 | 284 | 4.0 | 12 | 42480 | 973 | 3 | 17 | 3 | 70.6 | 203 | 10 |
| DL 600S-625W | .7 | 24 | 380 | 3.2 | 10 | 48440 | 586 | 1 | 8 | 4 | 60.1 | 234 | 5 |
| DL 600S-650W | 1.0 | 10 | 444 | 3.0 | 10 | 48150 | 642 | 1 | 10 | 10 | 61.1 | 209 | 15 |
| DL 600S-675W | .8 | 17 | 308 | 3.2 | 10 | 45720 | 632 | 1 | 8 | 11 | 55.1 | 184 | 10 |
| DL 600S-700W | 1.0 | 16 | 485 | 3.4 | 10 | 38150 | 866 | 2 | 11 | 3 | 58.9 | 292 | 5 |
| DL 600S-725W | .8 | 22 | 256 | 3.1 | 10 | 40490 | 489 | 2 | 10 | 2 | 65.9 | 194 | 10 |
| DL 600S-750W | .8 | 22 | 185 | 2.4 | 11 | 37810 | 499 | 2 | 7 | 1 | 65.4 | 114 | 5 |
| DL 600S-775W | .8 | 18 | 319 | 2.5 | 9 | 36640 | 741 | 2 | 7 | 3 | 59.3 | 164 | 5 |
| DL 600S-800W | .8 | 22 | 323 | 2.5 | 9 | 42330 | 900 | 3 | 6 | 4 | 60.3 | 174 | 5 |
| DL 600S-825W | .5 | 12 | 204 | .3 | 5 | 24430 | 554 | 1 | 10 | 1 | 32.8 | 117 | 5 |
| DL 600S-850W | .6 | 16 | 225 | 2.8 | 10 | 51850 | 1141 | 2 | 17 | 6 | 44.9 | 184 | 5 |
| DL 600S-875W | .8 | 14 | 234 | .9 | 10 | 46130 | 2907 | 1 | 30 | 7 | 42.6 | 122 | 5 |
| DL 600S-900W | .8 | 25 | 281 | 4.7 | 13 | 49420 | 1394 | 1 | 13 | 10 | 55.5 | 138 | 5 |
| DL 600S-925W | .8 | 2 | 347 | 2.4 | 10 | 31890 | 995 | 1 | 14 | 3 | 39.7 | 167 | 5 |
| DL 600S-950W | 1.2 | 11 | 249 | 2.5 | 19 | 67340 | 980 | 8 | 17 | 8 | 57.5 | 502 | 5 |
| DL 600S-975W | .5 | 18 | 187 | 1.8 | 8 | 42560 | 560 | 1 | 7 | 3 | 41.0 | 140 | 5 |
| DL 600S-1000W | .8 | 11 | 143 | .9 | 9 | 41140 | 623 | 1 | 20 | 9 | 34.7 | 159 | 10 |
| DL 1000S-00W | .8 | 25 | 193 | 3.0 | 13 | 49230 | 592 | 2 | 10 | 1 | 89.1 | 84 | 5 |
| DL 1000S-25W | 1.4 | 11 | 220 | 2.2 | 16 | 71090 | 843 | 1 | 16 | 5 | 122.9 | 138 | 5 |
| DL 1000S-50W | 1.0 | 24 | 141 | 3.6 | 11 | 49950 | 600 | 1 | 11 | 1 | 85.9 | 88 | 5 |
| DL 1000S-75W | 1.4 | 23 | 201 | 3.5 | 16 | 73710 | 1124 | 3 | 11 | 2 | 123.7 | 129 | 5 |
| DL 1000S-100W | 1.0 | 18 | 172 | 1.9 | 13 | 46140 | 523 | 1 | 15 | 1 | 83.7 | 85 | 5 |
| DL 1000S-125W | .8 | 14 | 157 | 2.1 | 11 | 38450 | 472 | 1 | 13 | 1 | 68.6 | 94 | 5 |
| DL 1000S-150W | .8 | 7 | 158 | 2.1 | 8 | 28880 | 431 | 2 | 3 | 1 | 55.9 | 128 | 10 |
| DL 1000S-175W | 1.1 | 4 | 155 | 2.7 | 11 | 43810 | 579 | 1 | 12 | 2 | 74.4 | 89 | 5 |
| DL 1000S-200W | 1.0 | 12 | 128 | 2.0 | 11 | 53160 | 961 | 2 | 13 | 5 | 84.2 | 100 | 5 |
| DL 1000S-225W | .9 | 7 | 169 | 2.6 | 11 | 44350 | 607 | 2 | 6 | 3 | 72.3 | 126 | 5 |
| DL 1000S-250W | 1.1 | 4 | 282 | 1.9 | 13 | 50110 | 1404 | 1 | 4 | 3 | 83.9 | 178 | 5 |
| DL 1000S-275W | .9 | 18 | 143 | 2.8 | 12 | 48190 | 633 | 1 | 5 | 7 | 65.9 | 106 | 240 |
| DL 1000S-300W | .8 | 18 | 116 | 2.9 | 11 | 44360 | 468 | 1 | 5 | 5 | 65.1 | 95 | 5 |
| DL 1000S-325W | .8 | 12 | 218 | 2.8 | 10 | 42530 | 760 | 1 | 5 | 3 | 67.2 | 137 | 5 |
| DL 1000S-350W | .8 | 20 | 310 | 2.5 | 12 | 47810 | 915 | 1 | 5 | 4 | 72.8 | 132 | 5 |
| DL 1000S-375W | .8 | 20 | 158 | 3.8 | 11 | 48490 | 846 | 1 | 7 | 18 | 70.9 | 96 | 5 |
| DL 1000S-400W | .8 | 20 | 361 | 2.6 | 11 | 49690 | 970 | 1 | 11 | 10 | 73.3 | 143 | 5 |
| DL 1000S-425W | .8 | 11 | 241 | 2.9 | 10 | 49620 | 636 | 1 | 5 | 13 | 71.2 | 107 | 5 |
| DL 1000S-450W | .8 | 7 | 212 | 1.9 | 10 | 55560 | 551 | 3 | 14 | 14 | 81.5 | 125 | 5 |
| DL 1000S-475W | 1.0 | 4 | 357 | 3.1 | 12 | 59130 | 1111 | 3 | 14 | 7 | 97.2 | 154 | 5 |
| DL 1000S-500W | .8 | 19 | 223 | 2.7 | 12 | 56640 | 714 | 3 | 12 | 10 | 82.9 | 118 | 5 |
| DL 1000S-525W | 1.4 | 4 | 513 | 4.1 | 15 | 58340 | 2663 | 1 | 11 | 10 | 89.9 | 205 | 10 |
| DL 1000S-550W | 1.1 | 2306 | 598 | 47.4 | 11 | 93090 | 1568 | 1 | 24 | 61 | 34.5 | 208 | 200 |

COMPANY: AVIND MINES
 PROJECT NO: OLYMPIC
 ATTENTION: MR. CHRISTOFFERSEN

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1
 FILE NO: 7-1034/P5+6
 DATE:AUGUST 25, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|------------------|------|------|-----|------|----|-------|------|----|-----|------|-------|------|--------|
| DL 1000S-600M | 1.0 | 3 | 335 | 3.0 | 12 | 61110 | 713 | 3 | 10 | 10 | 78.8 | 148 | 5 |
| DL 1000S-625M | .9 | 10 | 299 | 2.8 | 12 | 62820 | 820 | 2 | 15 | 13 | 78.5 | 168 | 10 |
| DL 1000S-650M | 1.6 | 26 | 345 | 4.2 | 18 | 71220 | 3087 | 1 | 23 | 3 | 114.3 | 178 | 5 |
| DL 1000S-775M | .8 | 73 | 282 | 5.2 | 19 | 59690 | 1170 | 13 | 30 | 31 | 33.0 | 172 | 5 |
| DL 1000S-825M40M | 1.9 | 11 | 260 | 3.1 | 11 | 75620 | 5598 | 3 | 51 | 5 | 97.3 | 154 | 5 |
| DL 1000S-850M40M | 1.1 | 1027 | 446 | 22.9 | 11 | 59800 | 1133 | 4 | 32 | 88 | 41.6 | 247 | 50 |
| DL 1000S-900M | 1.2 | 18 | 326 | 3.0 | 11 | 71590 | 1896 | 1 | 12 | 11 | 111.7 | 162 | 5 |
| DL 1000S-975M | 1.4 | 18 | 149 | 1.9 | 11 | 79950 | 1188 | 3 | 9 | 4 | 134.1 | 133 | 5 |
| DL 1000S-1000M | .6 | 19 | 523 | 3.6 | 21 | 62760 | 1605 | 9 | 29 | 28 | 56.3 | 243 | 5 |
| DL 1000S-25E | .5 | 25 | 170 | 3.8 | 12 | 45940 | 607 | 2 | 5 | 3 | 66.4 | 117 | 5 |
| DL 1000S-50E | .5 | 17 | 258 | 5.2 | 16 | 58530 | 758 | 2 | 15 | 2 | 82.3 | 104 | 5 |
| DL 1000S-100E | 1.0 | 11 | 266 | 2.1 | 12 | 34430 | 2745 | 1 | 10 | 2 | 57.2 | 68 | 5 |
| DL 1000S-125E | .8 | 3 | 166 | 1.9 | 9 | 30620 | 1551 | 1 | 4 | 2 | 52.3 | 86 | 5 |
| DL 1000S-150E | 1.4 | 16 | 185 | 4.2 | 18 | 52700 | 1749 | 1 | 14 | 4 | 84.7 | 92 | 5 |
| DL 1000S-175E | 1.2 | 25 | 270 | 4.1 | 14 | 44790 | 888 | 2 | 12 | 1 | 84.3 | 128 | 5 |
| DL 1000S-200E | 1.0 | 16 | 109 | 4.0 | 14 | 47150 | 642 | 1 | 8 | 3 | 84.0 | 77 | 5 |
| DL 1000S-225E | .8 | 8 | 102 | 2.6 | 10 | 35740 | 353 | 1 | 10 | 1 | 56.5 | 68 | 5 |
| DL 1000S-250E | 1.1 | 3 | 201 | 2.8 | 14 | 49690 | 714 | 2 | 12 | 6 | 94.6 | 66 | 5 |
| DL 1000S-275E | 1.0 | 14 | 158 | 3.2 | 12 | 46070 | 602 | 3 | 14 | 2 | 80.6 | 86 | 5 |
| DL 1000S-300E | 1.0 | 24 | 151 | 2.7 | 12 | 41190 | 453 | 1 | 4 | 1 | 77.7 | 99 | 10 |
| DL 1000S-350E | 1.1 | 21 | 149 | 2.6 | 13 | 41430 | 439 | 2 | 10 | 1 | 79.4 | 86 | 5 |
| DL 1000S-375E | .9 | 17 | 199 | 2.5 | 12 | 40660 | 553 | 1 | 8 | 2 | 77.9 | 128 | 10 |
| DL 1000S-400E | 1.0 | 8 | 137 | 2.6 | 10 | 42100 | 510 | 1 | 14 | 5 | 74.3 | 83 | 5 |
| DL 1000S-425E | .9 | 21 | 178 | 2.5 | 10 | 40620 | 566 | 3 | 7 | 2 | 70.9 | 135 | 5 |
| DL 1000S-450E | .5 | 14 | 102 | 3.4 | 9 | 36000 | 392 | 1 | 10 | 2 | 50.9 | 86 | 5 |
| DL 1000S-475E | .7 | 12 | 216 | 2.8 | 11 | 40670 | 766 | 2 | 12 | 3 | 58.2 | 88 | 10 |
| DL 1000S-500E | 1.4 | 27 | 388 | 6.0 | 21 | 67530 | 2008 | 1 | 22 | 17 | 99.6 | 133 | 30 |
| DL 1000S-525E | 1.1 | 10 | 509 | 3.6 | 8 | 21330 | 2076 | 1 | 8 | 2 | 38.2 | 311 | 10 |
| DL 1000S-550E | 1.5 | 29 | 298 | 5.3 | 24 | 76090 | 1250 | 3 | 23 | 6 | 121.4 | 140 | 5 |
| DL 1000S-575E | .5 | 2 | 217 | 2.4 | 12 | 56170 | 384 | 2 | 8 | 2 | 62.9 | 116 | 10 |
| DL 1000S-600E | .9 | 19 | 408 | 2.5 | 12 | 44140 | 580 | 2 | 6 | 1 | 73.7 | 125 | 5 |
| DL 1000S-625E | .5 | 1 | 101 | 1.9 | 9 | 34610 | 462 | 1 | 4 | 2 | 41.1 | 72 | 5 |
| DL 1000S-650E | .8 | 15 | 99 | 2.2 | 9 | 34550 | 413 | 1 | 9 | 2 | 53.7 | 64 | 10 |
| DL 1000S-675E | .8 | 5 | 116 | 2.9 | 9 | 31670 | 395 | 1 | 10 | 1 | 57.9 | 91 | 5 |
| DL 1000S-700E | 46.7 | 1492 | 189 | 37.0 | 29 | 74610 | 1099 | 1 | 157 | 1050 | 84.2 | 557 | 280 |
| DL 1000S-725E | .2 | 2 | 152 | 11.1 | 38 | 54140 | 559 | 2 | 25 | 4 | 30.5 | 30 | 10 |
| DL 1000S-750E | .1 | 33 | 78 | 13.2 | 67 | 54340 | 797 | 4 | 5 | 6 | 24.4 | 14 | 5 |
| DL 1000S-775E | .2 | 7 | 106 | 10.1 | 38 | 41620 | 520 | 2 | 11 | 4 | 40.3 | 42 | 10 |
| DL 1000S-800E | .2 | 8 | 129 | 9.0 | 38 | 42350 | 464 | 3 | 13 | 4 | 40.5 | 44 | 5 |
| DL 1000S-825E | .8 | 15 | 134 | 5.7 | 21 | 40180 | 340 | 2 | 5 | 5 | 57.3 | 101 | 5 |
| DL 1000S-850E | .9 | 10 | 114 | 9.9 | 13 | 34980 | 451 | 1 | 3 | 1 | 60.2 | 1024 | 5 |
| DL 1000S-875E | .8 | 24 | 118 | 9.1 | 11 | 34290 | 459 | 2 | 8 | 1 | 56.8 | 968 | 10 |
| DL 1000S-900E | 1.0 | 66 | 138 | 8.0 | 15 | 38050 | 634 | 1 | 6 | 1 | 57.4 | 577 | 10 |
| DL 1000S-925E | .7 | 7 | 255 | 3.3 | 17 | 68500 | 205 | 2 | 12 | 6 | 60.2 | 313 | 5 |
| DL 1000S-950E | .8 | 4 | 164 | 4.6 | 11 | 28380 | 911 | 1 | 7 | 3 | 41.1 | 333 | 5 |
| DL 1000S-975E | .6 | 3 | 117 | 6.4 | 33 | 66020 | 538 | 3 | 21 | 2 | 50.1 | 106 | 10 |
| DL 1000S-1000E | .9 | 3 | 235 | 2.8 | 13 | 29360 | 1211 | 1 | 11 | 3 | 47.4 | 73 | 5 |
| DL 1000S-1025E | .6 | 6 | 157 | 6.7 | 31 | 42410 | 254 | 2 | 6 | 3 | 85.4 | 42 | 5 |
| DL 1000S-1050E | .8 | 7 | 163 | 4.7 | 21 | 34250 | 505 | 3 | 11 | 4 | 62.5 | 79 | 5 |
| DL 1000S-1075E | .9 | 7 | 118 | 3.8 | 18 | 30060 | 310 | 1 | 8 | 4 | 52.8 | 137 | 5 |
| DL 1000S-1100E | .7 | 6 | 161 | 4.3 | 22 | 37660 | 289 | 3 | 14 | 3 | 65.5 | 59 | 5 |
| DL 1000S-1125E | .8 | 16 | 132 | 4.1 | 17 | 32470 | 303 | 3 | 14 | 1 | 56.4 | 84 | 5 |
| DL 1000S-1150E | .9 | 7 | 129 | 3.4 | 18 | 33280 | 542 | 1 | 11 | 4 | 56.2 | 99 | 10 |
| DL 1000S-1175E | .7 | 20 | 276 | 4.6 | 13 | 46350 | 212 | 3 | 11 | 5 | 71.2 | 46 | 10 |
| DL 1000S-1200E | .7 | 20 | 229 | 3.8 | 23 | 70420 | 501 | 3 | 18 | 7 | 88.7 | 55 | 5 |
| DL 1000S-1225E | .6 | 22 | 177 | 3.4 | 10 | 59240 | 308 | 1 | 17 | 6 | 69.4 | 61 | 5 |
| DL 1000S-1250E | .6 | 15 | 98 | 2.6 | 11 | 30820 | 255 | 1 | 9 | 1 | 45.8 | 65 | 5 |
| DL 1000S-1275E | .8 | 5 | 126 | 4.3 | 24 | 39500 | 760 | 2 | 10 | 1 | 56.4 | 96 | 5 |
| DL 1000S-1300E | .8 | 7 | 109 | 3.8 | 12 | 38470 | 184 | 2 | 14 | 1 | 60.7 | 57 | 5 |
| DL 1000S-1325E | .8 | 20 | 212 | 4.4 | 17 | 35890 | 531 | 2 | 4 | 4 | 53.3 | 68 | 5 |

| (VALUES IN PPM) | AS | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|------|----|-------|------|----|----|----|-------|-----|--------|
| DL 1000S-1350E | .5 | 18 | 154 | 4.6 | 21 | 37320 | 638 | 1 | 4 | 3 | 62.7 | 74 | 5 |
| DL 1000S-1375E | .7 | 22 | 151 | 3.4 | 23 | 37900 | 610 | 1 | 9 | 5 | 65.0 | 99 | 10 |
| DL 1000S-1400E | .7 | 13 | 139 | 4.9 | 19 | 37010 | 430 | 3 | 13 | 3 | 66.2 | 68 | 20 |
| DL 1000S-1425E | .9 | 7 | 168 | 4.3 | 21 | 39010 | 653 | 1 | 8 | 4 | 69.3 | 91 | 5 |
| DL 1000S-1450E | .8 | 15 | 153 | 4.8 | 14 | 34820 | 250 | 3 | 15 | 23 | 67.8 | 39 | 5 |
| DL 1000S-1475E | .7 | 7 | 122 | 4.9 | 18 | 33800 | 377 | 2 | 13 | 3 | 61.3 | 80 | 5 |
| DL 1000S-1500E | .6 | 23 | 149 | 4.2 | 18 | 33230 | 399 | 2 | 4 | 4 | 67.0 | 68 | 5 |
| DL 1100S-125E | 1.0 | 23 | 128 | 2.6 | 12 | 51670 | 684 | 1 | 8 | 1 | 102.8 | 83 | 5 |
| DL 1100S-150E | .9 | 1 | 97 | 3.4 | 14 | 50680 | 659 | 2 | 12 | 1 | 90.9 | 81 | 5 |
| DL 1100S-175E | .7 | 13 | 138 | 3.8 | 11 | 44700 | 561 | 2 | 8 | 1 | 83.7 | 81 | 5 |
| DL 1100S-200E | .8 | 6 | 105 | 2.8 | 12 | 46140 | 511 | 2 | 13 | 1 | 85.4 | 75 | 5 |
| DL 1100S-225E | .8 | 18 | 186 | 2.6 | 12 | 44780 | 543 | 3 | 11 | 1 | 85.8 | 98 | 5 |
| DL 1100S-250E | 1.0 | 27 | 196 | 2.7 | 15 | 43820 | 727 | 3 | 11 | 5 | 82.8 | 128 | 5 |
| DL 1100S-275E | .8 | 4 | 166 | 2.6 | 11 | 41650 | 583 | 1 | 11 | 4 | 79.9 | 108 | 5 |
| DL 1100S-300E | .9 | 1 | 133 | 2.8 | 12 | 47920 | 533 | 1 | 15 | 7 | 91.9 | 100 | 5 |
| DL 1100S-375E | .8 | 19 | 106 | 2.8 | 11 | 39150 | 514 | 2 | 11 | 1 | 68.3 | 81 | 5 |
| DL 1100S-400E | 1.2 | 5 | 298 | 8.3 | 26 | 60220 | 842 | 5 | 17 | 7 | 104.1 | 129 | 5 |
| DL 1100S-425E | .8 | 4 | 198 | 5.0 | 15 | 43970 | 896 | 1 | 13 | 1 | 68.8 | 110 | 5 |
| DL 1100S-450E | 1.1 | 2 | 352 | 6.7 | 22 | 63730 | 1916 | 1 | 8 | 15 | 95.6 | 147 | 5 |
| DL 1100S-500E | .6 | 18 | 273 | 3.7 | 11 | 43220 | 477 | 1 | 12 | 5 | 65.7 | 145 | 5 |
| DL 1100S-525E | .3 | 22 | 162 | 4.5 | 12 | 39640 | 459 | 3 | 7 | 5 | 69.7 | 100 | 5 |
| DL 1100S-575E | .9 | 8 | 423 | 3.9 | 12 | 50650 | 773 | 1 | 12 | 6 | 68.8 | 140 | 5 |
| DL 1100S-600E | .9 | 22 | 193 | 3.3 | 13 | 49710 | 590 | 2 | 13 | 9 | 96.8 | 79 | 5 |
| DL 1100S-625E | .9 | 20 | 297 | 3.3 | 12 | 37650 | 1364 | 2 | 9 | 1 | 70.8 | 245 | 10 |
| DL 1100S-650E | .9 | 6 | 211 | 4.0 | 13 | 43810 | 645 | 2 | 6 | 1 | 80.4 | 139 | 5 |
| DL 1100S-675E | .8 | 3 | 190 | 2.8 | 10 | 36480 | 484 | 3 | 11 | 1 | 70.9 | 109 | 5 |
| DL 1100S-700E | .8 | 19 | 197 | 2.1 | 10 | 35930 | 550 | 2 | 9 | 1 | 69.7 | 116 | 5 |
| DL 1100S-725E | .7 | 17 | 183 | 2.9 | 10 | 36200 | 434 | 1 | 3 | 5 | 67.5 | 60 | 5 |
| DL 1100S-750E | .5 | 32 | 353 | 6.6 | 26 | 52300 | 1028 | 2 | 17 | 1 | 64.0 | 130 | 10 |
| DL 1100S-775E | .5 | 2 | 188 | 1.7 | 6 | 36720 | 428 | 1 | 11 | 2 | 39.6 | 101 | 5 |
| DL 1100S-800E | .6 | 10 | 238 | 2.3 | 8 | 30980 | 672 | 1 | 5 | 2 | 56.6 | 88 | 5 |
| DL 1100S-825E | .3 | 21 | 146 | 12.8 | 26 | 42980 | 507 | 2 | 9 | 8 | 42.6 | 9 | 10 |
| DL 1100S-850E | .4 | 36 | 98 | 10.3 | 35 | 51450 | 413 | 3 | 10 | 1 | 43.6 | 25 | 5 |
| DL 1100S-875E | .6 | 34 | 214 | 10.4 | 21 | 39940 | 463 | 5 | 19 | 3 | 48.6 | 35 | 5 |
| DL 1100S-1000E | .9 | 19 | 179 | 4.0 | 14 | 33310 | 633 | 1 | 11 | 4 | 58.1 | 102 | 10 |
| DL 1100S-1025E | 1.1 | 14 | 167 | 3.4 | 28 | 63320 | 417 | 2 | 3 | 2 | 86.1 | 82 | 5 |
| DL 1100S-1050E | .7 | 7 | 90 | 3.7 | 17 | 36260 | 247 | 2 | 9 | 3 | 52.1 | 56 | 5 |
| DL 1100S-1075E | .7 | 25 | 70 | 7.3 | 24 | 38230 | 293 | 1 | 8 | 2 | 48.8 | 50 | 5 |
| DL 1100S-1100E | .8 | 21 | 100 | 4.5 | 15 | 31650 | 324 | 2 | 11 | 3 | 47.7 | 105 | 10 |
| DL 1100S-1125E | 1.0 | 24 | 140 | 4.7 | 25 | 36320 | 577 | 1 | 7 | 4 | 55.2 | 151 | 5 |
| DL 1100S-1150E | 1.0 | 1 | 175 | 5.0 | 22 | 39010 | 754 | 2 | 15 | 2 | 62.8 | 96 | 5 |
| DL 1100S-1175E | .9 | 8 | 122 | 8.0 | 17 | 42780 | 567 | 2 | 16 | 1 | 56.2 | 108 | 50 |
| DL 1100S-1200E | .8 | 13 | 95 | 5.3 | 14 | 32440 | 323 | 1 | 14 | 1 | 56.2 | 51 | 5 |
| DL 1100S-1225E | .9 | 10 | 100 | 5.1 | 14 | 37550 | 270 | 1 | 15 | 1 | 57.7 | 97 | 5 |
| DL 1100S-1250E | .8 | 27 | 107 | 4.0 | 17 | 37210 | 271 | 1 | 16 | 3 | 66.0 | 73 | 5 |
| DL 1100S-1275E | 1.2 | 5 | 155 | 4.3 | 22 | 51740 | 561 | 2 | 16 | 5 | 71.8 | 100 | 10 |
| DL 1100S-1300E | 1.0 | 7 | 182 | 4.1 | 30 | 44600 | 743 | 2 | 5 | 4 | 70.9 | 133 | 30 |
| DL 1100S-1325E | .9 | 31 | 177 | 5.4 | 12 | 57220 | 232 | 1 | 13 | 5 | 93.6 | 63 | 5 |
| DL 1100S-1350E | .7 | 9 | 142 | 5.0 | 18 | 37430 | 347 | 1 | 8 | 4 | 62.5 | 119 | 5 |
| DL 1100S-1375E | 1.0 | 1 | 190 | 4.9 | 20 | 38270 | 649 | 1 | 4 | 3 | 62.0 | 123 | 5 |
| DL 1100S-1400E | .9 | 25 | 154 | 4.3 | 18 | 34500 | 726 | 2 | 3 | 2 | 55.8 | 96 | 350 |
| DL 1100S-1425E | .9 | 19 | 168 | 4.0 | 15 | 34260 | 632 | 1 | 13 | 6 | 59.2 | 72 | 5 |
| DL 1100S-1450E | .9 | 10 | 131 | 5.2 | 14 | 34860 | 269 | 3 | 6 | 19 | 59.3 | 61 | 5 |
| DL 1100S-1475E | 1.1 | 27 | 172 | 4.9 | 15 | 37580 | 267 | 1 | 15 | 9 | 72.0 | 45 | 10 |
| DL 1100S-1500E | 1.0 | 11 | 195 | 3.6 | 16 | 36570 | 250 | 3 | 8 | 5 | 66.9 | 53 | 10 |
| DL 1200S-8L | .8 | 14 | 161 | 2.7 | 9 | 35370 | 627 | 2 | 4 | 1 | 61.9 | 64 | 5 |
| DL 1200S-50E | .8 | 20 | 164 | 3.8 | 12 | 46970 | 594 | 2 | 11 | 5 | 85.2 | 89 | 10 |
| DL 1200S-75E | .7 | 5 | 148 | 1.8 | 10 | 61140 | 1117 | 2 | 9 | 19 | 62.7 | 126 | 5 |
| DL 1200S-100E | .9 | 3 | 181 | 3.3 | 11 | 48040 | 733 | 1 | 12 | 2 | 84.5 | 104 | 5 |
| DL 1200S-125E | 1.0 | 15 | 155 | 2.2 | 11 | 48540 | 636 | 2 | 14 | 5 | 92.3 | 114 | 5 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|------|-----|----|-------|------|----|----|----|-------|-----|--------|
| DL 1200S-150E | .7 | 12 | 235 | 3.6 | 12 | 47580 | 483 | 2 | 12 | 3 | 90.5 | 160 | 15 |
| DL 1200S-175E | .6 | 5 | 182 | 2.8 | 10 | 37190 | 1059 | 2 | 5 | 4 | 67.2 | 177 | 5 |
| DL 1200S-225E | 1.4 | 16 | 141 | 4.1 | 12 | 43390 | 594 | 2 | 8 | 1 | 84.1 | 100 | 10 |
| DL 1200S-250E | .9 | 25 | 174 | 4.3 | 14 | 51580 | 676 | 3 | 14 | 6 | 92.5 | 117 | 10 |
| DL 1200S-275E | 1.9 | 3 | 475 | 4.2 | 15 | 48140 | 2332 | 1 | 15 | 2 | 92.8 | 224 | 5 |
| DL 1200S-300E | .8 | 13 | 107 | 3.4 | 11 | 45250 | 575 | 1 | 13 | 4 | 77.6 | 83 | 5 |
| DL 1200S-325E | 1.3 | 24 | 164 | 3.4 | 13 | 48040 | 678 | 1 | 14 | 1 | 86.4 | 111 | 5 |
| DL 1200S-350E | 1.2 | 19 | 219 | 4.1 | 16 | 48790 | 1193 | 1 | 9 | 2 | 91.1 | 157 | 10 |
| DL 1200S-375E | 1.5 | 1 | 141 | 4.3 | 14 | 49900 | 613 | 1 | 7 | 3 | 101.7 | 97 | 5 |
| DL 1200S-425E | .3 | 11 | 424 | 9.1 | 23 | 49610 | 852 | 1 | 5 | 5 | 76.6 | 112 | 5 |
| DL 1200S-450E | 1.2 | 13 | 1413 | 5.8 | 24 | 59050 | 1714 | 3 | 8 | 2 | 101.7 | 246 | 10 |
| DL 1200S-475E | 1.5 | 27 | 302 | 5.6 | 21 | 71980 | 2304 | 3 | 10 | 17 | 110.5 | 136 | 25 |
| DL 1200S-500E | 1.5 | 39 | 815 | 9.6 | 34 | 67980 | 1257 | 2 | 16 | 4 | 103.9 | 176 | 15 |
| DL 1200S-525E | .9 | 21 | 261 | 4.5 | 15 | 51760 | 713 | 2 | 7 | 2 | 100.8 | 155 | 10 |
| DL 1200S-550E | .8 | 24 | 311 | 5.6 | 15 | 51830 | 677 | 1 | 4 | 6 | 87.7 | 136 | 10 |
| DL 1200S-575E | .8 | 25 | 455 | 2.6 | 12 | 50370 | 1149 | 1 | 12 | 3 | 71.9 | 151 | 5 |
| DL 1200S-600E | .9 | 5 | 238 | 3.8 | 13 | 46470 | 453 | 3 | 16 | 2 | 91.4 | 94 | 5 |
| DL 1200S-625E | 1.0 | 2 | 181 | 4.5 | 13 | 46250 | 529 | 3 | 17 | 1 | 88.8 | 97 | 5 |
| DL 1200S-650E | 1.0 | 16 | 252 | 4.5 | 12 | 40400 | 671 | 3 | 8 | 5 | 79.5 | 171 | 5 |
| DL 1200S-675E | .9 | 4 | 135 | 3.4 | 13 | 45040 | 557 | 1 | 14 | 5 | 79.8 | 94 | 5 |
| DL 1200S-700E | 1.0 | 6 | 183 | 3.0 | 12 | 38980 | 1305 | 1 | 6 | 1 | 73.9 | 108 | 5 |
| DL 1200S-725E | 1.0 | 7 | 241 | 3.7 | 12 | 41730 | 809 | 2 | 6 | 2 | 71.8 | 72 | 5 |
| DL 1200S-750E | .7 | 19 | 116 | 2.6 | 10 | 38550 | 581 | 2 | 9 | 4 | 62.7 | 79 | 5 |
| DL 1200S-775E | 1.1 | 23 | 177 | 3.6 | 13 | 39190 | 593 | 1 | 8 | 1 | 80.0 | 91 | 30 |
| DL 1200S-800E | .6 | 32 | 154 | 6.3 | 38 | 68800 | 718 | 1 | 16 | 7 | 67.2 | 75 | 5 |
| DL 1200S-825E | .4 | 32 | 159 | 6.2 | 25 | 57390 | 410 | 3 | 18 | 5 | 62.1 | 55 | 5 |
| DL 1200S-850E | .6 | 2 | 122 | 5.6 | 20 | 54860 | 381 | 2 | 14 | 5 | 66.3 | 51 | 10 |
| DL 1200S-875E | .6 | 18 | 127 | 3.4 | 10 | 37040 | 432 | 2 | 11 | 1 | 61.9 | 62 | 5 |
| DL 1200S-900E | .8 | 9 | 162 | 3.6 | 10 | 41040 | 482 | 1 | 15 | 1 | 68.4 | 85 | 5 |
| DL 1200S-925E | 2.3 | 10 | 753 | 4.4 | 13 | 39730 | 7676 | 1 | 21 | 2 | 65.5 | 238 | 5 |
| DL 1200S-975E | 1.0 | 20 | 251 | 3.8 | 11 | 31560 | 1433 | 1 | 12 | 3 | 53.8 | 188 | 5 |
| DL 1200S-1000E | .4 | 7 | 118 | 2.5 | 7 | 28950 | 400 | 1 | 4 | 2 | 46.0 | 71 | 10 |
| DL 1700S-350E | 1.0 | 13 | 533 | 3.0 | 17 | 46550 | 3055 | 2 | 17 | 1 | 52.2 | 121 | 5 |
| DL 1700S-375E | .7 | 16 | 165 | 3.4 | 13 | 46880 | 1345 | 1 | 3 | 2 | 76.2 | 124 | 5 |
| DL 1700S-400E | .7 | 10 | 240 | 1.7 | 10 | 35060 | 1860 | 2 | 3 | 3 | 51.9 | 183 | 15 |
| DL 1700S-425E | .4 | 9 | 363 | 1.5 | 6 | 22710 | 1503 | 1 | 10 | 1 | 22.0 | 52 | 5 |
| DL 1700S-450E | .4 | 10 | 227 | 1.8 | 6 | 24310 | 756 | 2 | 9 | 2 | 43.3 | 66 | 5 |
| DL 1700S-475E | .4 | 9 | 266 | 2.2 | 10 | 35420 | 1158 | 1 | 9 | 2 | 48.8 | 135 | 10 |
| DL 1700S-525E | .7 | 11 | 145 | 2.6 | 11 | 38870 | 1180 | 2 | 11 | 1 | 68.9 | 135 | 10 |
| DL 1700S-575E | .7 | 14 | 181 | 4.5 | 13 | 53630 | 1009 | 3 | 3 | 4 | 73.0 | 121 | 5 |
| DL 1700S-600E | .9 | 6 | 270 | 3.5 | 14 | 48700 | 673 | 3 | 16 | 4 | 77.3 | 85 | 5 |
| DL 1700S-625E | .7 | 18 | 150 | 3.9 | 11 | 38740 | 497 | 2 | 3 | 4 | 69.7 | 105 | 5 |
| DL 1700S-650E | .7 | 13 | 179 | 3.1 | 12 | 41820 | 872 | 2 | 9 | 3 | 68.3 | 139 | 5 |
| DL 1700S-675E | .8 | 15 | 219 | 4.0 | 12 | 43090 | 771 | 3 | 14 | 3 | 79.7 | 192 | 10 |
| DL 1700S-700E | 1.3 | 22 | 262 | 3.0 | 14 | 50440 | 979 | 2 | 12 | 1 | 96.9 | 140 | 5 |
| DL 1700S-725E | 1.0 | 19 | 252 | 3.9 | 14 | 54700 | 837 | 2 | 14 | 4 | 86.9 | 241 | 5 |
| DL 1700S-750E | 1.0 | 15 | 170 | 2.8 | 12 | 45860 | 641 | 2 | 8 | 2 | 90.0 | 108 | 15 |
| DL 1700S-775E | 1.0 | 22 | 241 | 4.0 | 14 | 48220 | 994 | 3 | 7 | 5 | 84.9 | 243 | 10 |
| DL 1700S-800E | .7 | 12 | 218 | 3.9 | 9 | 36970 | 501 | 1 | 9 | 3 | 70.9 | 171 | 15 |
| DL 1700S-825E | .8 | 25 | 218 | 4.2 | 16 | 57250 | 852 | 2 | 16 | 4 | 111.2 | 175 | 5 |
| DL 1700S-850E | 1.3 | 17 | 195 | 4.7 | 23 | 65360 | 873 | 3 | 5 | 4 | 129.9 | 142 | 10 |
| DL 1700S-875E | .9 | 11 | 217 | 2.9 | 15 | 51930 | 931 | 2 | 12 | 4 | 90.4 | 158 | 5 |
| DL 1700S-900E | .7 | 22 | 265 | 3.9 | 13 | 46070 | 605 | 1 | 7 | 3 | 91.5 | 183 | 5 |
| DL 1700S-950E | .7 | 1 | 305 | 4.0 | 12 | 36380 | 569 | 1 | 3 | 4 | 71.8 | 179 | 10 |
| DL 1700S-975E | .4 | 13 | 170 | 2.6 | 8 | 36080 | 245 | 1 | 5 | 2 | 66.3 | 83 | 5 |
| DL 1700S-1000E | .3 | 28 | 268 | 5.9 | 18 | 53150 | 536 | 1 | 13 | 2 | 91.9 | 198 | 5 |
| DL 1700S-1025E | .7 | 25 | 196 | 4.8 | 12 | 41830 | 473 | 1 | 7 | 5 | 73.3 | 127 | 5 |
| DL 1700S-1050E | .6 | 14 | 234 | 3.1 | 9 | 31900 | 463 | 1 | 4 | 3 | 57.0 | 151 | 5 |
| DL 1700S-1075E | .8 | 16 | 209 | 4.5 | 12 | 41230 | 407 | 1 | 5 | 5 | 72.9 | 109 | 30 |
| DL 1700S-1100E | 1.2 | 3 | 217 | 3.9 | 14 | 42880 | 606 | 3 | 15 | 5 | 77.5 | 143 | 5 |

COMPANY: AVINO MINES

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: OLYMPIC

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1034/P11+12

ATTENTION: MR. CHRISTOFFERSEN

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: AUGUST 25, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MM | MO | PB | SB | V | ZN | AU-PPB |
|------------------|-----|----|-----|-----|----|-------|------|----|----|----|-------|-----|--------|
| DL 1700S-1125E | .7 | 21 | 227 | 5.3 | 13 | 42250 | 506 | 3 | 13 | 2 | 78.3 | 118 | 5 |
| DL 1700S-1150E | .7 | 20 | 208 | 3.3 | 11 | 55690 | 455 | 2 | 16 | 3 | 84.4 | 121 | 5 |
| DL 1700S-1175E | .6 | 34 | 289 | 5.1 | 22 | 75220 | 564 | 2 | 10 | 5 | 91.3 | 134 | 5 |
| DL 1700S-1200E | .7 | 23 | 199 | 3.3 | 12 | 46830 | 311 | 2 | 8 | 3 | 83.5 | 88 | 10 |
| DL 1700S-1225E | 1.0 | 21 | 299 | 4.8 | 17 | 46830 | 931 | 3 | 3 | 4 | 84.0 | 159 | 5 |
| DL 1700S-1250E | 1.2 | 23 | 281 | 5.9 | 20 | 55970 | 713 | 1 | 20 | 5 | 84.7 | 152 | 5 |
| DL 1700S-1275E | 2.3 | 24 | 217 | 7.9 | 27 | 65040 | 764 | 2 | 19 | 3 | 124.7 | 83 | 5 |
| DL 1100S-00W | .7 | 26 | 181 | 4.3 | 15 | 56740 | 859 | 2 | 17 | 6 | 100.4 | 100 | 10 |
| DL 1100S-25W | 1.3 | 25 | 408 | 2.7 | 13 | 44750 | 2729 | 1 | 8 | 5 | 83.1 | 90 | 5 |
| DL 1100S-50W | 1.1 | 23 | 122 | 4.1 | 14 | 51680 | 998 | 1 | 11 | 5 | 101.5 | 93 | 5 |
| DL 1100S-75W | 1.7 | 29 | 403 | 3.5 | 20 | 68800 | 3708 | 1 | 16 | 8 | 132.5 | 111 | 5 |
| DL 1100S-100W | .1 | 6 | 46 | .6 | 3 | 12570 | 177 | 1 | 6 | 1 | 30.9 | 34 | 5 |
| DL 1100S-125W | 1.1 | 1 | 285 | 3.0 | 16 | 57660 | 2276 | 3 | 5 | 7 | 103.8 | 264 | 5 |
| DL 1100S-150W | 1.2 | 18 | 302 | 3.3 | 16 | 58930 | 1100 | 1 | 10 | 6 | 122.5 | 188 | 10 |
| DL 1100S-175W | 1.1 | 21 | 222 | 2.9 | 14 | 56620 | 1212 | 1 | 11 | 7 | 109.3 | 200 | 5 |
| DL 1100S-200W | .9 | 10 | 296 | 2.8 | 14 | 50540 | 1787 | 3 | 14 | 5 | 97.7 | 179 | 5 |
| DL 1100S-225W | 1.6 | 23 | 320 | 3.5 | 18 | 66560 | 2407 | 3 | 13 | 7 | 131.6 | 195 | 5 |
| DL 1100S-250W | 1.0 | 19 | 254 | 2.1 | 10 | 37000 | 2014 | 1 | 13 | 1 | 69.9 | 90 | 5 |
| DL 1100S-275W | .7 | 16 | 169 | 2.6 | 11 | 48760 | 1670 | 3 | 17 | 1 | 72.0 | 90 | 5 |
| DL 1100S-300W | .6 | 12 | 168 | 3.9 | 12 | 52860 | 860 | 1 | 14 | 3 | 80.8 | 103 | 5 |
| DL 1100S-325W | .7 | 25 | 202 | 3.7 | 14 | 57990 | 777 | 1 | 8 | 9 | 83.9 | 127 | 10 |
| DL 1100S-350W | 1.0 | 23 | 366 | 3.3 | 14 | 55410 | 1435 | 2 | 4 | 2 | 107.1 | 153 | 5 |
| DL 1100S-375W | .9 | 30 | 278 | 4.0 | 13 | 59010 | 698 | 1 | 14 | 7 | 78.1 | 136 | 10 |
| DL 1100S-400W | .6 | 7 | 305 | 3.3 | 13 | 52820 | 1100 | 1 | 7 | 2 | 95.2 | 165 | 5 |
| DL 1100S-425W | 1.2 | 1 | 301 | 3.6 | 15 | 61720 | 1108 | 1 | 11 | 4 | 115.1 | 175 | 5 |
| DL 1100S-450W | .8 | 32 | 217 | 3.5 | 15 | 68220 | 1443 | 3 | 12 | 4 | 128.5 | 140 | 10 |
| DL 1100S-525W | 1.2 | 27 | 262 | 3.7 | 17 | 79150 | 1587 | 1 | 5 | 6 | 138.9 | 176 | 10 |
| DL 1100S-550W | 1.3 | 20 | 179 | 2.5 | 15 | 66990 | 2140 | 1 | 16 | 6 | 119.8 | 125 | 5 |
| DL 1100S-575W | 1.3 | 7 | 603 | .9 | 8 | 35680 | 5140 | 1 | 39 | 9 | 22.1 | 121 | 5 |
| DL 1100S-600W | 2.0 | 9 | 269 | 3.7 | 16 | 78050 | 5634 | 2 | 36 | 11 | 108.5 | 164 | 5 |
| DL 1100S-625W | 1.4 | 11 | 275 | 4.4 | 19 | 67650 | 2874 | 1 | 15 | 1 | 119.1 | 140 | 5 |
| DL 1100S-650W | 1.3 | 7 | 129 | 2.0 | 9 | 72270 | 3938 | 1 | 34 | 13 | 72.6 | 166 | 60 |
| DL 1100S-675W | 1.4 | 18 | 216 | 3.3 | 18 | 66660 | 2266 | 1 | 20 | 5 | 103.4 | 130 | 25 |
| DL 1100S-700W | 1.1 | 22 | 340 | 1.7 | 12 | 64780 | 1517 | 3 | 7 | 3 | 110.6 | 113 | 35 |
| DL 300S 480EROCK | .1 | 1 | 46 | 1.2 | 27 | 10570 | 419 | 1 | 6 | 3 | 10.9 | 14 | 10 |

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

N.R.

Analytical Report

Company: AVINO MINES
Project: OLYMPIC - Assay
Attention: JAN CHRISTOFFERSON

File: 7-1148
Date: SEPT 3/87
Type: SOIL GEOCHEM

Date Samples Received : AUGUST 23/87
Samples Submitted by : JAN CHRISTOFFERSON

Report on 34 SOILS..... Geochem Samples
..... Assay Samples

Copies sent to:
1. AVINO MINES, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh-60 MESH..... Ground to mesh
Prepared samples stored:.....X.... discarded:.....
rejects stored:..... discarded:.....X.....

Methods of analysis:
12 ELEMENT TRACE ICP.
AU-WET.A.A.

Remarks

COMPANY: AVINO MINES

MIN-EN LABS IDP REPORT

(ACT:FD1) PAGE 1 OF 1

PROJECT NO: OLYMPIC

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1148S/P1+2

ATTENTION: J. CHRISTOFFERSON

(604)980-5814 OR (604)988-4524

* TYPE SOIL GEOCHEM *

DATE: SEPT 3, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|------------------|-----|----|-----|-----|----|-------|------|----|----|----|-------|-----|--------|
| QL-1200S-50W | .4 | 18 | 172 | 2.9 | 13 | 52500 | 546 | 1 | 14 | 10 | 103.2 | 110 | 5 |
| QL-1200S-75W | .7 | 6 | 153 | 5.0 | 15 | 61380 | 922 | 1 | 8 | 12 | 115.9 | 118 | 5 |
| QL-1200S-125W | 1.1 | 27 | 226 | 3.6 | 17 | 71990 | 2348 | 1 | 15 | 12 | 145.2 | 158 | 5 |
| QL-1200S-150W | .8 | 26 | 202 | 3.7 | 17 | 60430 | 1263 | 4 | 11 | 11 | 126.5 | 128 | 5 |
| QL-1200S-175W | .9 | 1 | 189 | 4.1 | 16 | 69030 | 2018 | 2 | 4 | 11 | 142.5 | 122 | 10 |
| QL-1200S-200W 40 | 1.0 | 32 | 193 | 4.4 | 18 | 71710 | 1135 | 4 | 16 | 8 | 146.9 | 116 | 5 |
| QL-1200S-250W | .3 | 15 | 191 | 2.3 | 10 | 42230 | 1596 | 1 | 6 | 7 | 83.8 | 93 | 5 |
| QL-1200S-275W | .9 | 31 | 267 | 4.7 | 15 | 67640 | 3128 | 1 | 13 | 8 | 123.3 | 121 | 10 |
| QL-1200S-300W | .7 | 30 | 145 | 3.8 | 17 | 67150 | 1152 | 2 | 13 | 9 | 130.7 | 130 | 5 |
| QL-1200S-325W | 1.1 | 3 | 266 | 3.8 | 18 | 52680 | 1980 | 1 | 10 | 12 | 112.6 | 190 | 5 |
| QL-1200S-375W | 1.1 | 35 | 322 | 5.0 | 19 | 69270 | 1645 | 2 | 6 | 16 | 154.5 | 199 | 5 |
| QL-1200S-400W | .6 | 21 | 129 | 3.9 | 16 | 64170 | 781 | 4 | 10 | 10 | 140.2 | 127 | 5 |
| QL-1200S-425W | 1.2 | 38 | 282 | 4.4 | 18 | 75610 | 2441 | 1 | 10 | 13 | 156.4 | 208 | 5 |
| QL-1200S-450W | .8 | 34 | 222 | 3.5 | 16 | 64770 | 1618 | 1 | 5 | 15 | 150.1 | 196 | 5 |
| QL-1200S-475W | .6 | 40 | 216 | 4.2 | 18 | 66220 | 835 | 1 | 20 | 15 | 144.3 | 192 | 10 |
| QL-1200S-500W | 1.1 | 5 | 186 | 4.8 | 20 | 79290 | 678 | 5 | 23 | 16 | 170.7 | 166 | 5 |
| QL-1200S-550W | 1.0 | 13 | 122 | 3.2 | 13 | 50520 | 656 | 3 | 17 | 11 | 113.1 | 113 | 5 |
| QL-1200S-575W | .7 | 5 | 242 | 3.9 | 16 | 72630 | 1029 | 1 | 6 | 15 | 138.0 | 138 | 5 |
| QL-1400S-13L | .2 | 91 | 168 | 7.4 | 18 | 68390 | 823 | 3 | 5 | 87 | 118.0 | 100 | 5 |
| QL-1400S-25W | .6 | 20 | 161 | 3.5 | 17 | 61540 | 641 | 4 | 9 | 9 | 119.0 | 90 | 10 |
| QL-1400S-50W 40M | .6 | 24 | 195 | 4.2 | 15 | 56540 | 1037 | 1 | 10 | 10 | 101.9 | 98 | 5 |
| QL-1400S-75W | .2 | 8 | 223 | 3.3 | 10 | 39300 | 1410 | 2 | 5 | 5 | 71.5 | 103 | 5 |
| QL-1400S-100W | .6 | 14 | 401 | 5.4 | 17 | 47100 | 1918 | 2 | 11 | 9 | 76.9 | 144 | 5 |
| QL-1400S-125W | .9 | 24 | 268 | 3.0 | 22 | 63930 | 2281 | 2 | 9 | 13 | 129.7 | 188 | 5 |
| QL-1400S-150W | 1.1 | 31 | 176 | 4.6 | 19 | 73600 | 1360 | 1 | 16 | 12 | 151.3 | 140 | 10 |
| QL-1400S-175W | .8 | 35 | 223 | 4.4 | 19 | 68430 | 1020 | 3 | 11 | 13 | 128.0 | 132 | 5 |
| QL-1400S-200W | 1.0 | 1 | 236 | 5.3 | 19 | 83770 | 1512 | 4 | 9 | 16 | 156.2 | 163 | 5 |
| QL-1400S-225W | .9 | 31 | 197 | 4.4 | 19 | 72710 | 1370 | 1 | 17 | 11 | 160.8 | 126 | 5 |
| QL-1400S-275W | 1.1 | 29 | 184 | 5.1 | 20 | 68500 | 2966 | 4 | 6 | 11 | 133.4 | 136 | 10 |
| QL-1400S-300W | .2 | 20 | 141 | 3.2 | 9 | 45580 | 540 | 3 | 12 | 6 | 97.7 | 79 | 5 |
| QL-1400S-325W | 1.0 | 37 | 233 | 5.2 | 21 | 79180 | 1398 | 2 | 4 | 11 | 162.1 | 171 | 5 |
| QL-1400S-350W 40 | 1.1 | 34 | 151 | 6.0 | 23 | 66510 | 1602 | 2 | 22 | 9 | 140.6 | 130 | 5 |
| QL-1400S-375W | .8 | 30 | 108 | 4.4 | 17 | 56790 | 638 | 2 | 18 | 9 | 125.4 | 109 | 10 |
| QL-1400S-400W 40 | 1.6 | 26 | 106 | 5.4 | 25 | 67650 | 1252 | 5 | 19 | 10 | 141.9 | 129 | 5 |

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524

TELEX: VIA USA 7601067 UC

Analytical Report

Company: AVINO MINES
Project: OLYMPIC
Attention: J. CHRISTOFFERSON

File: 7-1117
Date: SEPT 3/87
Type: SOIL GEOCHEM

Date Samples Received : AUGUST 24/87
Samples Submitted by : J. CHRISTOFFERSON

Report on 608 SOILS Geochem Samples
.....
..... Assay Samples
.....

Copies sent to:
1. AVINO MINES, VANCOUVER, B.C.
2.
3.

Samples: Sieved to mesh -80 MESH Ground to mesh

Prepared samples stored: X discarded:
rejects stored: discarded: X

Methods of analysis:
12 ELEMENT TRACE ICP.
AU-WET. A.A.

Remarks

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | HM | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|-----|----|--------|-----|----|----|----|-------|-----|--------|
| 1000E BLS | .7 | 23 | 235 | 5.6 | 17 | 42550 | 810 | 3 | 11 | 9 | 72.9 | 128 | 5 |
| 1025E BLS | .6 | 5 | 179 | 4.7 | 18 | 44630 | 472 | 1 | 4 | 11 | 74.9 | 90 | 10 |
| 1050E BLS | .7 | 5 | 259 | 5.3 | 24 | 79420 | 253 | 7 | 6 | 11 | 88.2 | 64 | 5 |
| 1075E BLS | .8 | 12 | 126 | 3.9 | 17 | 37320 | 323 | 2 | 18 | 12 | 58.7 | 103 | 5 |
| 1100E BLS | .8 | 8 | 160 | 5.1 | 19 | 47250 | 354 | 3 | 5 | 9 | 85.1 | 84 | 10 |
| 1125E BLS | .5 | 3 | 175 | 5.4 | 18 | 43860 | 344 | 1 | 4 | 8 | 74.6 | 77 | 15 |
| 1150E BLS | .7 | 5 | 196 | 4.6 | 17 | 36430 | 468 | 2 | 5 | 8 | 64.1 | 127 | 5 |
| 1175E BLS | .8 | 9 | 227 | 4.8 | 20 | 41050 | 661 | 3 | 16 | 9 | 72.0 | 114 | 10 |
| 1200E BLS | .7 | 4 | 204 | 4.5 | 19 | 45400 | 565 | 2 | 14 | 8 | 76.6 | 94 | 5 |
| 1225E BLS | .8 | 10 | 201 | 3.6 | 20 | 39020 | 802 | 3 | 12 | 7 | 65.6 | 158 | 5 |
| 1250E BLS | .7 | 11 | 113 | 4.3 | 15 | 38910 | 319 | 2 | 14 | 9 | 68.1 | 88 | 15 |
| 1300E BLS | .9 | 16 | 212 | 3.9 | 12 | 36180 | 570 | 2 | 4 | 6 | 64.5 | 135 | 5 |
| 1325E BLS | .7 | 12 | 129 | 4.1 | 15 | 40540 | 387 | 1 | 10 | 8 | 73.2 | 86 | 5 |
| 1350E BLS | .8 | 22 | 191 | 5.2 | 20 | 59490 | 456 | 3 | 4 | 8 | 101.0 | 97 | 10 |
| 1375E BLS | .8 | 33 | 147 | 5.4 | 28 | 64770 | 408 | 3 | 4 | 9 | 114.9 | 76 | 5 |
| 1400E BLS | .6 | 26 | 97 | 5.8 | 24 | 63900 | 299 | 1 | 5 | 7 | 120.4 | 60 | 5 |
| 1425E BLS | .8 | 3 | 139 | 4.6 | 15 | 41450 | 299 | 2 | 5 | 9 | 78.4 | 89 | 5 |
| 1450E BLS | .7 | 22 | 147 | 5.0 | 17 | 40640 | 373 | 1 | 7 | 8 | 73.1 | 105 | 10 |
| 100S 1000E | .7 | 15 | 210 | 5.4 | 20 | 52720 | 289 | 1 | 11 | 9 | 78.2 | 57 | 5 |
| 100S 1025E | .8 | 1 | 451 | 6.1 | 21 | 61290 | 516 | 2 | 12 | 8 | 76.9 | 150 | 5 |
| 100S 1050E | 1.0 | 10 | 261 | 6.1 | 18 | 53240 | 467 | 1 | 6 | 9 | 75.9 | 92 | 5 |
| 100S 1075E | .9 | 25 | 202 | 6.4 | 21 | 48940 | 396 | 3 | 5 | 10 | 80.6 | 81 | 5 |
| 100S 1100E | .7 | 12 | 169 | 5.8 | 19 | 48290 | 344 | 1 | 9 | 9 | 71.0 | 82 | 10 |
| 100S 1125E | .9 | 11 | 180 | 6.5 | 23 | 47870 | 541 | 2 | 11 | 10 | 77.4 | 103 | 5 |
| 100S 1150E | .7 | 13 | 232 | 4.6 | 21 | 45490 | 569 | 3 | 8 | 8 | 72.7 | 90 | 5 |
| 100S 1175E | 1.0 | 4 | 219 | 5.1 | 18 | 44030 | 468 | 3 | 4 | 9 | 70.5 | 100 | 5 |
| 100S 1200E | 1.1 | 18 | 255 | 5.6 | 22 | 50300 | 520 | 4 | 3 | 8 | 79.9 | 127 | 5 |
| 100S 1225E | 1.1 | 24 | 269 | 7.5 | 27 | 52790 | 591 | 4 | 17 | 11 | 88.6 | 139 | 10 |
| 100S 1250E | 1.0 | 2 | 209 | 7.0 | 22 | 50090 | 445 | 4 | 4 | 10 | 88.8 | 97 | 5 |
| 100S 1275E | .9 | 17 | 198 | 6.0 | 21 | 45600 | 563 | 3 | 16 | 11 | 83.9 | 120 | 5 |
| 100S 1300E | 1.2 | 32 | 178 | 6.9 | 28 | 56760 | 602 | 1 | 25 | 11 | 95.3 | 173 | 5 |
| 100S 1325E | .7 | 5 | 163 | 6.3 | 23 | 51930 | 424 | 1 | 28 | 10 | 84.5 | 97 | 5 |
| 100S 1350E | 1.3 | 5 | 183 | 6.0 | 26 | 54860 | 679 | 2 | 23 | 13 | 90.6 | 169 | 10 |
| 100S 1375E | 1.2 | 5 | 126 | 6.4 | 24 | 58370 | 369 | 2 | 17 | 10 | 101.7 | 95 | 5 |
| 100S 1400E | 1.2 | 19 | 109 | 5.6 | 28 | 59070 | 396 | 1 | 4 | 10 | 102.1 | 132 | 15 |
| 100S 1425E | .8 | 3 | 101 | 6.1 | 19 | 44260 | 316 | 2 | 14 | 9 | 85.7 | 58 | 5 |
| 100S 1450E | 1.2 | 18 | 104 | 6.1 | 15 | 43950 | 418 | 1 | 15 | 11 | 82.1 | 73 | 20 |
| 100S 1475E | .9 | 24 | 94 | 5.0 | 16 | 41390 | 380 | 2 | 11 | 9 | 79.5 | 93 | 40 |
| 100S 1500E | .7 | 9 | 72 | 3.2 | 10 | 26610 | 276 | 1 | 11 | 5 | 58.2 | 49 | 5 |
| 200S 1000E | .9 | 6 | 150 | 4.5 | 17 | 42620 | 359 | 3 | 4 | 8 | 72.0 | 144 | 5 |
| 200S 1025E | .7 | 5 | 218 | 3.9 | 10 | 42830 | 156 | 12 | 3 | 8 | 60.6 | 66 | 10 |
| 200S 1050E | 1.0 | 23 | 274 | 4.9 | 23 | 54340 | 482 | 6 | 8 | 10 | 82.8 | 128 | 5 |
| 200S 1075E | 1.1 | 37 | 405 | 9.4 | 34 | 68090 | 600 | 4 | 70 | 11 | 101.4 | 324 | 5 |
| 200S 1100E | 1.0 | 4 | 222 | 7.0 | 20 | 48060 | 371 | 1 | 14 | 9 | 83.9 | 156 | 5 |
| 200S 1125E | 1.0 | 3 | 251 | 7.0 | 25 | 52360 | 632 | 2 | 16 | 9 | 83.2 | 161 | 10 |
| 200S 1150E | 1.0 | 2 | 192 | 7.7 | 23 | 46940 | 414 | 3 | 14 | 10 | 88.7 | 198 | 5 |
| 200S 1175E | .7 | 4 | 250 | 9.1 | 23 | 50130 | 531 | 2 | 12 | 9 | 85.9 | 332 | 5 |
| 200S 1200E | .6 | 4 | 207 | 5.9 | 18 | 45310 | 273 | 1 | 18 | 9 | 79.1 | 64 | 10 |
| 200S 1225E | .6 | 5 | 236 | 7.7 | 27 | 54900 | 488 | 1 | 6 | 9 | 114.4 | 65 | 5 |
| 200S 1250E | .7 | 34 | 238 | 5.9 | 37 | 109070 | 714 | 4 | 6 | 10 | 150.8 | 84 | 30 |
| 200S 1275E | .7 | 34 | 268 | 6.8 | 31 | 81780 | 684 | 4 | 16 | 9 | 125.5 | 131 | 5 |
| 200S 1300E | .8 | 25 | 186 | 4.6 | 25 | 64950 | 449 | 1 | 11 | 8 | 107.0 | 106 | 10 |
| 200S 1325E | .5 | 5 | 144 | 5.4 | 25 | 58260 | 351 | 2 | 11 | 8 | 95.9 | 70 | 5 |
| 200S 1350E | .7 | 2 | 251 | 7.7 | 24 | 51050 | 442 | 1 | 12 | 7 | 92.9 | 155 | 5 |
| 200S 1375E | .7 | 10 | 157 | 5.6 | 19 | 47820 | 319 | 1 | 9 | 13 | 77.5 | 58 | 10 |
| 200S 1400E | .8 | 11 | 141 | 5.5 | 21 | 53490 | 315 | 3 | 11 | 10 | 91.1 | 74 | 5 |
| 200S 1425E | .6 | 27 | 181 | 6.5 | 22 | 45500 | 374 | 2 | 19 | 16 | 78.0 | 122 | 5 |
| 200S 1450E | .5 | 6 | 144 | 5.6 | 21 | 48420 | 299 | 1 | 16 | 27 | 76.2 | 86 | 5 |
| 200S 1475E | .5 | 1 | 148 | 8.1 | 18 | 50830 | 300 | 11 | 12 | 15 | 87.9 | 69 | 10 |
| 200S 1500E | .5 | 8 | 154 | 8.3 | 23 | 48410 | 409 | 3 | 27 | 19 | 74.6 | 105 | 5 |

COMPANY: AVINO MINES
PROJECT NO: OLYMPIC

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(ACT:F31) PAGE 1 OF 1
FILE NO: 7-1117/F3+4

ATTENTION: J. CHRISTOFFERSON

(604)980-5614 OR (604)988-4524

* TYPE SOIL GEOCHEM * DATE: SEPT 3, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | HM | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|-----|----|-------|------|----|----|----|-------|-----|--------|
| 400S 025E | .8 | 3 | 125 | 4.1 | 10 | 29660 | 916 | 1 | 12 | 7 | 51.9 | 251 | 5 |
| 400S 050E | .8 | 25 | 168 | 5.2 | 12 | 46140 | 503 | 2 | 4 | 9 | 70.0 | 125 | 5 |
| 400S 075E | .7 | 27 | 263 | 5.8 | 13 | 46510 | 976 | 3 | 9 | 10 | 64.9 | 173 | 5 |
| 400S 100E | .8 | 7 | 109 | 5.5 | 13 | 36060 | 405 | 3 | 9 | 11 | 64.7 | 215 | 5 |
| 400S 125E | 1.1 | 21 | 117 | 4.7 | 13 | 33970 | 556 | 1 | 4 | 8 | 63.1 | 155 | 5 |
| 400S 150E | 1.5 | 5 | 131 | 8.8 | 16 | 40910 | 710 | 2 | 22 | 12 | 73.9 | 713 | 10 |
| 400S 175E | .9 | 8 | 116 | 5.8 | 17 | 39530 | 420 | 2 | 11 | 9 | 62.9 | 110 | 5 |
| 400S 200E | .8 | 32 | 133 | 5.8 | 15 | 38830 | 559 | 1 | 8 | 13 | 67.9 | 98 | 5 |
| 400S 225E | .8 | 29 | 136 | 6.9 | 18 | 48210 | 602 | 1 | 18 | 12 | 76.6 | 127 | 5 |
| 400S 250E | .7 | 13 | 142 | 4.8 | 15 | 35330 | 412 | 1 | 5 | 9 | 65.4 | 66 | 5 |
| 400S 300E | .7 | 7 | 195 | 7.2 | 25 | 66780 | 702 | 2 | 12 | 15 | 87.4 | 104 | 5 |
| 400S 325E | .8 | 16 | 259 | 9.0 | 33 | 58680 | 909 | 1 | 11 | 12 | 105.9 | 123 | 10 |
| 400S 325E | .9 | 17 | 190 | 4.3 | 12 | 89770 | 361 | 4 | 20 | 8 | 87.3 | 69 | 5 |
| 400S 375E | .6 | 24 | 140 | 4.4 | 16 | 39080 | 549 | 1 | 7 | 10 | 62.2 | 195 | 5 |
| 400S 400E | .9 | 27 | 133 | 4.7 | 17 | 36550 | 498 | 1 | 4 | 10 | 66.4 | 168 | 5 |
| 400S 425E | .9 | 13 | 134 | 4.3 | 16 | 40820 | 400 | 2 | 9 | 8 | 70.8 | 86 | 5 |
| 400S 450E | .8 | 26 | 127 | 4.9 | 20 | 37510 | 366 | 1 | 4 | 9 | 68.0 | 78 | 5 |
| 400S 475E | .8 | 7 | 120 | 3.5 | 12 | 35160 | 442 | 1 | 6 | 7 | 59.7 | 93 | 10 |
| 400S 500E | 1.0 | 37 | 149 | 5.6 | 23 | 44420 | 365 | 4 | 19 | 10 | 73.7 | 94 | 5 |
| 400S 525E | .6 | 7 | 105 | 4.7 | 15 | 35800 | 491 | 3 | 10 | 6 | 52.8 | 64 | 5 |
| 400S 550E | .5 | 14 | 217 | 3.8 | 15 | 35090 | 596 | 3 | 10 | 6 | 52.2 | 85 | 5 |
| 400S 575E | .8 | 29 | 249 | 5.6 | 17 | 59400 | 1599 | 1 | 13 | 17 | 86.2 | 111 | 15 |
| 400S 600E | .9 | 1 | 560 | 4.5 | 21 | 64960 | 317 | 28 | 74 | 7 | 89.7 | 114 | 10 |
| 400S 625E | .9 | 33 | 653 | 6.9 | 22 | 65340 | 375 | 36 | 27 | 8 | 100.9 | 94 | 5 |
| 400S 650E | 1.5 | 24 | 416 | 6.8 | 32 | 96410 | 436 | 15 | 29 | 12 | 152.5 | 209 | 5 |
| 400S 675E | .9 | 31 | 204 | 4.4 | 23 | 65760 | 220 | 8 | 5 | 24 | 95.8 | 93 | 5 |
| 400S 700E | .9 | 19 | 322 | 4.9 | 37 | 69770 | 387 | 5 | 17 | 10 | 106.3 | 88 | 10 |
| 400S 725E | .7 | 27 | 228 | 3.2 | 20 | 72550 | 357 | 3 | 15 | 8 | 100.2 | 102 | 45 |
| 400S 750E | .7 | 37 | 233 | 6.8 | 26 | 59310 | 557 | 3 | 18 | 8 | 102.6 | 89 | 5 |
| 400S 775E | .7 | 1 | 160 | 2.7 | 17 | 49220 | 270 | 3 | 17 | 7 | 80.2 | 83 | 5 |
| 400S 800E | 1.1 | 12 | 298 | 6.1 | 20 | 47100 | 1062 | 1 | 19 | 12 | 76.9 | 261 | 5 |
| 400S 825E | 1.2 | 12 | 228 | 7.7 | 19 | 48830 | 342 | 1 | 17 | 13 | 97.9 | 103 | 10 |
| 400S 850E | 1.0 | 22 | 278 | 5.2 | 17 | 45870 | 793 | 2 | 6 | 12 | 75.8 | 183 | 5 |
| 400S 875E | 1.4 | 13 | 242 | 5.9 | 17 | 45200 | 576 | 2 | 10 | 12 | 77.9 | 225 | 5 |
| 400S 900E | 1.0 | 11 | 220 | 5.7 | 17 | 47090 | 499 | 1 | 14 | 15 | 84.0 | 306 | 5 |
| 400S 925E | 1.3 | 5 | 133 | 5.4 | 15 | 43980 | 273 | 2 | 35 | 16 | 71.9 | 145 | 5 |
| 400S 950E | .9 | 11 | 94 | 3.5 | 9 | 27280 | 225 | 1 | 9 | 8 | 42.5 | 125 | 5 |
| 400S 975E | .8 | 20 | 126 | 4.4 | 17 | 39310 | 332 | 2 | 10 | 12 | 74.9 | 127 | 5 |
| 400S 1000E | 1.6 | 12 | 243 | 5.2 | 19 | 38470 | 989 | 1 | 19 | 13 | 69.5 | 224 | 5 |
| 400S 1025E | 1.1 | 28 | 164 | 4.5 | 17 | 42830 | 433 | 4 | 10 | 16 | 77.2 | 197 | 25 |
| 400S 1050E | 1.0 | 16 | 252 | 3.0 | 18 | 63720 | 308 | 11 | 16 | 10 | 76.6 | 106 | 5 |
| 400S 1075E | .9 | 12 | 148 | 4.0 | 19 | 59920 | 286 | 7 | 18 | 14 | 82.3 | 107 | 20 |
| 400S 1100E | 1.0 | 6 | 145 | 5.2 | 15 | 40600 | 280 | 5 | 17 | 13 | 79.2 | 225 | 5 |
| 400S 1125E | .9 | 25 | 330 | 8.8 | 29 | 63840 | 374 | 16 | 13 | 13 | 109.9 | 70 | 5 |
| 400S 1150E | 1.5 | 23 | 360 | 7.9 | 32 | 69880 | 484 | 3 | 24 | 16 | 150.3 | 123 | 5 |
| 400S 1175E | 1.0 | 2 | 232 | 6.5 | 24 | 52470 | 349 | 2 | 27 | 22 | 90.4 | 151 | 5 |
| 400S 1200E | 1.3 | 13 | 250 | 5.7 | 26 | 50990 | 625 | 5 | 42 | 38 | 91.2 | 120 | 10 |
| 400S 1225E | .8 | 19 | 174 | 6.1 | 21 | 45740 | 333 | 2 | 17 | 12 | 83.2 | 94 | 5 |
| 400S 1250E | .6 | 3 | 269 | 8.0 | 24 | 50870 | 329 | 5 | 11 | 12 | 103.7 | 129 | 30 |
| 400S 1275E | .7 | 24 | 207 | 8.9 | 38 | 51200 | 415 | 1 | 10 | 26 | 96.6 | 907 | 5 |
| 400S 1300E | .4 | 10 | 182 | 7.3 | 29 | 47420 | 332 | 1 | 13 | 13 | 91.0 | 97 | 5 |
| 400S 1325E | .9 | 5 | 213 | 7.9 | 29 | 56300 | 474 | 3 | 8 | 16 | 105.5 | 142 | 10 |
| 400S 1350E | .4 | 20 | 166 | 6.1 | 22 | 46200 | 327 | 4 | 13 | 13 | 77.3 | 132 | 5 |
| 400S 1375E | .3 | 12 | 108 | 5.8 | 16 | 42390 | 302 | 4 | 7 | 12 | 68.7 | 95 | 5 |
| 400S 1400E | .5 | 11 | 171 | 3.8 | 20 | 46900 | 463 | 1 | 4 | 12 | 86.3 | 135 | 10 |
| 400S 1425E | .6 | 12 | 176 | 5.0 | 21 | 48590 | 422 | 4 | 20 | 12 | 95.8 | 184 | 5 |
| 400S 1450E | .6 | 17 | 184 | 5.1 | 23 | 50560 | 399 | 1 | 8 | 11 | 97.7 | 147 | 5 |
| 400S 1475E | .6 | 22 | 462 | 5.1 | 20 | 54480 | 633 | 3 | 33 | 77 | 102.2 | 331 | 5 |
| 400S 1500E | .4 | 24 | 216 | 5.6 | 11 | 49340 | 247 | 1 | 54 | 57 | 82.9 | 333 | 10 |
| 400S 060W | .8 | 17 | 172 | 5.7 | 17 | 44250 | 612 | 4 | 11 | 12 | 84.4 | 221 | 5 |

COMPANY: AVIND MINES

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 5 OF 1

PROJECT NO: OLYMPIC

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1117/P5+6

ATTENTION: J. CHRISTOFFERSON

(604) 980-5814 OR (604) 988-4524

* TYPE SOIL GEOCHEM * DATE: SEPT 3, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|-----|-----|-----|----|-------|------|----|----|----|------|-----|--------|
| 400S 025W | N/S | | | | | | | | | | | | |
| 400S 050W | .7 | 1 | 130 | 2.6 | 7 | 21950 | 747 | 1 | 19 | 5 | 45.3 | 139 | 5 |
| 400S 075W | 1.3 | 15 | 131 | 5.0 | 16 | 43920 | 698 | 2 | 17 | 12 | 83.2 | 206 | 5 |
| 400S 100W | .9 | 16 | 81 | 3.3 | 9 | 25760 | 529 | 2 | 4 | 7 | 55.5 | 99 | 5 |
| 400S 125W | .8 | 11 | 146 | 4.4 | 14 | 43070 | 405 | 2 | 11 | 12 | 83.9 | 191 | 10 |
| 400S 150W | 1.0 | 10 | 150 | 4.4 | 14 | 43510 | 485 | 2 | 3 | 14 | 77.7 | 141 | 5 |
| 400S 175W 40M | 1.4 | 3 | 124 | 3.4 | 17 | 47080 | 476 | 1 | 10 | 13 | 73.1 | 140 | 5 |
| 400S 200W | 1.2 | 15 | 188 | 4.2 | 14 | 40930 | 558 | 3 | 11 | 13 | 68.0 | 176 | 5 |
| 400S 225W | 1.3 | 12 | 275 | 4.4 | 15 | 42500 | 1250 | 3 | 6 | 15 | 73.5 | 229 | 10 |
| 400S 250W | .8 | 4 | 215 | 5.4 | 16 | 45430 | 872 | 4 | 5 | 14 | 69.5 | 213 | 5 |
| 400S 275W | .9 | 6 | 180 | 4.9 | 12 | 40720 | 489 | 2 | 10 | 13 | 61.2 | 219 | 5 |
| 400S 300W | .2 | 211 | 163 | 5.5 | 4 | 26030 | 2395 | 3 | 11 | 2 | 16.0 | 24 | 5 |
| 400S 325W 40M | .7 | 6 | 139 | 8.6 | 14 | 51620 | 660 | 4 | 20 | 12 | 77.8 | 173 | 5 |
| 400S 350W | .9 | 2 | 266 | 3.6 | 10 | 38930 | 383 | 2 | 10 | 22 | 54.9 | 198 | 10 |
| 400S 375W | .9 | 13 | 129 | 4.8 | 10 | 29460 | 297 | 2 | 5 | 10 | 53.1 | 194 | 5 |
| 400S 400W | .9 | 10 | 258 | 4.0 | 12 | 41660 | 1082 | 1 | 11 | 11 | 64.3 | 147 | 5 |
| 400S 425W | 1.1 | 14 | 307 | 6.4 | 19 | 52900 | 1445 | 3 | 17 | 6 | 78.2 | 83 | 5 |
| 400S 450W | .6 | 13 | 180 | 3.1 | 11 | 38480 | 486 | 2 | 5 | 11 | 63.7 | 153 | 5 |
| 400S 475W | .8 | 11 | 232 | 4.7 | 11 | 33180 | 881 | 1 | 3 | 12 | 59.8 | 235 | 5 |
| 400S 500W | .5 | 22 | 237 | 3.1 | 9 | 45680 | 561 | 1 | 4 | 12 | 53.3 | 167 | 5 |
| 400S 525W | .8 | 1 | 342 | 2.9 | 11 | 41300 | 1667 | 3 | 9 | 13 | 55.3 | 287 | 5 |
| 400S 550W | .8 | 4 | 324 | 4.2 | 10 | 43860 | 1440 | 3 | 13 | 15 | 61.8 | 307 | 5 |
| 400S 575W | .7 | 21 | 283 | 3.5 | 10 | 49050 | 701 | 2 | 15 | 21 | 46.0 | 237 | 10 |
| 400S 600W | .4 | 1 | 207 | 4.3 | 8 | 39100 | 785 | 1 | 10 | 11 | 52.2 | 238 | 5 |
| 400S 625W | .7 | 5 | 193 | 4.1 | 8 | 33400 | 1659 | 3 | 16 | 9 | 46.3 | 251 | 5 |
| 400S 650W | .9 | 7 | 303 | 5.9 | 11 | 38770 | 3121 | 1 | 14 | 12 | 53.0 | 430 | 5 |
| 400S 675W | .6 | 3 | 273 | 3.4 | 7 | 41630 | 928 | 1 | 4 | 13 | 49.7 | 168 | 5 |
| 400S 700W | 1.4 | 27 | 599 | 7.1 | 10 | 43580 | 3386 | 3 | 29 | 16 | 54.7 | 335 | 15 |
| 400S 725W | .7 | 16 | 371 | 4.5 | 12 | 47430 | 968 | 2 | 16 | 15 | 73.2 | 238 | 10 |
| 400S 750W | .9 | 5 | 476 | 6.4 | 17 | 44130 | 1370 | 3 | 8 | 10 | 78.1 | 165 | 5 |
| 400S 775W | 1.2 | 24 | 396 | 8.2 | 25 | 50690 | 1215 | 2 | 10 | 14 | 94.7 | 152 | 5 |
| 400S 800W | .6 | 6 | 414 | 5.7 | 20 | 40390 | 1600 | 2 | 10 | 9 | 61.7 | 151 | 5 |
| 400S 825W | 1.2 | 28 | 401 | 4.4 | 20 | 44540 | 2780 | 4 | 26 | 13 | 61.6 | 192 | 10 |
| 400S 850W | .8 | 9 | 378 | 3.6 | 17 | 57210 | 1539 | 1 | 12 | 10 | 45.1 | 262 | 5 |
| 400S 875W | .8 | 22 | 444 | 3.8 | 18 | 45550 | 2071 | 1 | 23 | 14 | 55.5 | 220 | 5 |
| 400S 900W | .9 | 19 | 439 | 5.5 | 16 | 60170 | 1609 | 3 | 11 | 19 | 76.6 | 171 | 5 |
| 400S 925W | .7 | 8 | 266 | 4.7 | 11 | 38680 | 616 | 1 | 11 | 11 | 53.4 | 103 | 10 |
| 400S 950W | .8 | 29 | 169 | 4.5 | 15 | 53410 | 559 | 4 | 12 | 14 | 80.1 | 126 | 5 |
| 400S 975W | .6 | 28 | 173 | 4.7 | 13 | 51030 | 464 | 4 | 7 | 15 | 79.7 | 133 | 15 |
| 400S 1000W | 1.0 | 25 | 183 | 4.9 | 14 | 48570 | 452 | 4 | 6 | 15 | 75.1 | 119 | 5 |
| 500S 000W | 1.2 | 10 | 168 | 5.4 | 18 | 53780 | 735 | 2 | 15 | 14 | 87.0 | 307 | 5 |
| 500S 050W | 1.2 | 11 | 222 | 3.0 | 16 | 39020 | 1472 | 3 | 7 | 13 | 71.8 | 263 | 5 |
| 500S 075W | 1.2 | 18 | 153 | 4.2 | 17 | 55640 | 786 | 3 | 17 | 15 | 95.6 | 245 | 10 |
| 500S 100W | .6 | 24 | 123 | 2.9 | 10 | 40320 | 421 | 1 | 6 | 10 | 58.2 | 115 | 5 |
| 500S 125W | .5 | 20 | 144 | 3.6 | 13 | 43140 | 437 | 3 | 13 | 12 | 65.4 | 153 | 5 |
| 500S 150W | .8 | 17 | 237 | 5.4 | 18 | 48590 | 1311 | 1 | 18 | 16 | 72.3 | 285 | 5 |
| 500S 200W | .6 | 13 | 205 | 3.7 | 11 | 42380 | 613 | 1 | 9 | 11 | 63.1 | 198 | 5 |
| 500S 225W | .6 | 24 | 195 | 4.4 | 14 | 41180 | 529 | 3 | 8 | 12 | 77.1 | 173 | 10 |
| 500S 250W | .8 | 10 | 206 | 4.3 | 10 | 38420 | 420 | 1 | 16 | 15 | 65.5 | 205 | 5 |
| 500S 275W | .9 | 16 | 268 | 2.9 | 13 | 43050 | 523 | 1 | 3 | 16 | 71.6 | 181 | 5 |
| 500S 300W | .7 | 11 | 296 | 3.7 | 12 | 41850 | 795 | 1 | 10 | 14 | 67.8 | 306 | 5 |
| 500S 325W | 1.1 | 2 | 219 | 4.3 | 12 | 33790 | 883 | 1 | 11 | 11 | 64.1 | 245 | 5 |
| 500S 350W | .6 | 13 | 136 | 3.9 | 10 | 35470 | 380 | 3 | 14 | 11 | 67.2 | 123 | 10 |
| 500S 375W | N/S | | | | | | | | | | | | |
| 500S 400W | .4 | 18 | 155 | 3.0 | 9 | 37630 | 352 | 1 | 5 | 15 | 58.1 | 151 | 10 |
| 500S 425W | .5 | 168 | 147 | 8.3 | 10 | 44160 | 538 | 3 | 21 | 19 | 56.3 | 125 | 5 |
| 500S 450W | 1.0 | 18 | 283 | 4.4 | 13 | 47050 | 1859 | 3 | 10 | 15 | 65.7 | 110 | 5 |
| 500S 475W | 2.8 | 18 | 459 | 3.6 | 10 | 38530 | 5747 | 1 | 35 | 9 | 35.8 | 32 | 10 |
| 500S 500W | .6 | 15 | 141 | 2.6 | 8 | 38690 | 446 | 2 | 8 | 12 | 54.8 | 121 | 5 |
| 500S 525W | 1.1 | 14 | 180 | 3.2 | 9 | 31760 | 1165 | 1 | 12 | 11 | 46.8 | 153 | 5 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|------|-----|------|----|-------|------|----|----|-----|-------|-----|--------|
| 500S 550W | .6 | 16 | 343 | 3.0 | 13 | 43650 | 1661 | 1 | 11 | 15 | 65.0 | 237 | 5 |
| 500S 575W | .8 | 32 | 336 | 3.7 | 13 | 52040 | 1923 | 5 | 11 | 20 | 78.1 | 230 | 10 |
| 500S 600W | .6 | 12 | 342 | 4.2 | 14 | 53740 | 1438 | 5 | 16 | 18 | 79.2 | 276 | 5 |
| 500S 625W | 1.4 | 23 | 403 | 4.7 | 11 | 43740 | 1831 | 1 | 12 | 15 | 65.8 | 419 | 5 |
| 500S 650W | 1.0 | 10 | 407 | 4.7 | 13 | 50710 | 2274 | 4 | 18 | 17 | 71.9 | 350 | 5 |
| 500S 675W | 1.0 | 5 | 351 | 5.9 | 13 | 49290 | 1930 | 3 | 29 | 19 | 63.8 | 271 | 5 |
| 500S 700W | .9 | 21 | 517 | 4.1 | 10 | 56470 | 1112 | 3 | 19 | 16 | 73.5 | 399 | 20 |
| 500S 750W | 1.4 | 26 | 333 | 5.5 | 16 | 51800 | 714 | 5 | 8 | 14 | 90.7 | 164 | 5 |
| 500S 775W | 1.2 | 15 | 300 | 5.9 | 23 | 49880 | 1133 | 4 | 15 | 12 | 88.6 | 153 | 5 |
| 500S 800W | .7 | 20 | 363 | 6.4 | 20 | 49010 | 1203 | 3 | 13 | 11 | 85.1 | 167 | 5 |
| 500S 825W 40M | 1.0 | 7 | 431 | 6.1 | 20 | 55360 | 1300 | 3 | 19 | 13 | 87.2 | 167 | 5 |
| 500S 850W | .6 | 18 | 312 | 5.1 | 14 | 58500 | 637 | 1 | 12 | 32 | 85.1 | 173 | 5 |
| 500S 875W | .8 | 74 | 313 | 4.4 | 9 | 49950 | 1360 | 1 | 23 | 28 | 50.1 | 208 | 5 |
| 500S 900W | 1.3 | 1980 | 322 | 42.8 | 19 | 68820 | 915 | 2 | 14 | 221 | 28.3 | 192 | 10 |
| 500S 925W | .7 | 16 | 265 | 5.8 | 13 | 46380 | 851 | 3 | 15 | 15 | 59.8 | 121 | 5 |
| 500S 950W | .8 | 14 | 236 | 5.2 | 14 | 48810 | 768 | 1 | 12 | 15 | 66.7 | 135 | 20 |
| 500S 915W | .7 | 4 | 419 | 5.6 | 15 | 63150 | 1465 | 3 | 13 | 15 | 83.5 | 161 | 10 |
| 500S 025E | .8 | 11 | 82 | 3.3 | 12 | 39730 | 656 | 2 | 8 | 10 | 79.8 | 132 | 5 |
| 500S 050E | .6 | 11 | 216 | 4.9 | 12 | 56310 | 751 | 1 | 17 | 18 | 64.7 | 211 | 10 |
| 500S 075E | 1.5 | 19 | 290 | 4.4 | 16 | 42770 | 873 | 4 | 8 | 15 | 78.2 | 271 | 5 |
| 500S 100E 40M | .6 | 15 | 250 | 5.8 | 15 | 60740 | 782 | 1 | 18 | 15 | 89.8 | 220 | 50 |
| 500S 125E | .8 | 7 | 196 | 3.6 | 10 | 41040 | 731 | 3 | 8 | 14 | 56.1 | 203 | 5 |
| 500S 150E | .8 | 4 | 276 | 4.0 | 14 | 42660 | 1556 | 3 | 11 | 15 | 71.6 | 415 | 5 |
| 500S 175E | .8 | 8 | 239 | 4.0 | 12 | 38200 | 801 | 1 | 11 | 12 | 55.6 | 429 | 5 |
| 500S 200E | .7 | 11 | 248 | 4.2 | 11 | 40080 | 772 | 1 | 9 | 15 | 60.4 | 307 | 10 |
| 500S 225E | 1.0 | 4 | 159 | 4.3 | 13 | 38790 | 549 | 1 | 17 | 13 | 71.5 | 306 | 5 |
| 500S 250E | .7 | 58 | 131 | 6.7 | 15 | 38170 | 443 | 3 | 13 | 13 | 70.4 | 204 | 5 |
| 500S 275E | 2.3 | 13 | 150 | 6.5 | 38 | 72490 | 551 | 3 | 5 | 19 | 103.0 | 107 | 5 |
| 500S 300E | .4 | 9 | 145 | .1 | 6 | 14760 | 619 | 1 | 8 | 1 | 25.4 | 39 | 10 |
| 500S 325E | .8 | 7 | 105 | 2.1 | 10 | 48970 | 340 | 3 | 5 | 13 | 62.8 | 85 | 5 |
| 500S 350E | .5 | 6 | 223 | 3.6 | 13 | 47410 | 750 | 2 | 5 | 9 | 83.0 | 137 | 5 |
| 500S 375E | 2.8 | 54 | 41 | 1.4 | 5 | 9220 | 176 | 2 | 19 | 15 | 17.4 | 33 | 5 |
| 500S 400E | 1.1 | 34 | 190 | 7.5 | 28 | 65220 | 708 | 3 | 21 | 19 | 105.0 | 182 | 5 |
| 500S 425E | 1.0 | 4 | 125 | 3.3 | 14 | 30940 | 845 | 2 | 8 | 9 | 63.8 | 104 | 5 |
| 500S 450E | 1.1 | 13 | 199 | 6.4 | 23 | 57020 | 904 | 3 | 7 | 17 | 88.3 | 182 | 5 |
| 500S 475E | .8 | 33 | 170 | 4.6 | 27 | 49810 | 659 | 3 | 5 | 13 | 78.8 | 163 | 5 |
| 500S 500E | .8 | 31 | 154 | 5.1 | 25 | 44020 | 859 | 1 | 14 | 13 | 65.9 | 175 | 10 |
| 500S 525E | .8 | 16 | 173 | 4.9 | 19 | 45670 | 560 | 2 | 17 | 12 | 77.2 | 143 | 5 |
| 500S 550E | .7 | 15 | 134 | 2.7 | 12 | 38840 | 453 | 1 | 3 | 9 | 69.8 | 106 | 5 |
| 500S 575E | .5 | 1 | 87 | 5.6 | 18 | 39980 | 297 | 1 | 5 | 7 | 68.4 | 55 | 5 |
| 500S 600E 40M | 1.1 | 27 | 221 | 7.0 | 22 | 63650 | 2033 | 3 | 8 | 21 | 102.4 | 140 | 5 |
| 500S 625E | 1.2 | 18 | 444 | 8.4 | 22 | 79110 | 2188 | 1 | 17 | 21 | 124.2 | 147 | 10 |
| 500S 650E | 1.4 | 18 | 527 | 7.4 | 32 | 87040 | 746 | 24 | 15 | 14 | 122.8 | 89 | 5 |
| 500S 675E | 1.6 | 3 | 361 | 6.9 | 33 | 95590 | 1158 | 6 | 9 | 17 | 146.1 | 93 | 15 |
| 500S 700E | .8 | 19 | 463 | 7.9 | 22 | 55040 | 389 | 5 | 12 | 13 | 111.0 | 63 | 15 |
| 500S 725E | .6 | 11 | 216 | 4.1 | 18 | 46400 | 373 | 1 | 5 | 10 | 74.2 | 95 | 5 |
| 500S 750E | 1.2 | 23 | 388 | 5.7 | 22 | 47660 | 2098 | 1 | 20 | 14 | 82.3 | 183 | 10 |
| 500S 775E | 1.0 | 14 | 241 | 5.5 | 24 | 46410 | 692 | 1 | 4 | 11 | 82.4 | 164 | 5 |
| 500S 800E | 1.2 | 20 | 413 | 6.8 | 24 | 59060 | 557 | 1 | 4 | 15 | 118.6 | 101 | 5 |
| 500S 825E | 1.0 | 20 | 173 | 5.9 | 19 | 51610 | 474 | 2 | 11 | 12 | 87.2 | 81 | 5 |
| 500S 850E | 1.1 | 21 | 195 | 6.5 | 23 | 45150 | 376 | 4 | 14 | 12 | 83.8 | 191 | 10 |
| 500S 875E | .7 | 19 | 112 | 4.4 | 19 | 45200 | 575 | 4 | 8 | 12 | 62.5 | 86 | 5 |
| 500S 900E | .3 | 5 | 40 | .1 | 3 | 12610 | 124 | 1 | 10 | 3 | 31.9 | 25 | 5 |
| 500S 925E | 1.1 | 23 | 142 | 4.7 | 17 | 42930 | 407 | 1 | 4 | 12 | 76.3 | 139 | 5 |
| 500S 950E | 1.6 | 7 | 175 | 4.6 | 18 | 41060 | 486 | 2 | 11 | 12 | 78.7 | 155 | 5 |
| 500S 975E | 1.5 | 2 | 129 | 4.9 | 18 | 51860 | 342 | 1 | 24 | 37 | 97.8 | 88 | 10 |
| 500S 1000E | 1.1 | 15 | 198 | 4.6 | 16 | 35000 | 827 | 1 | 17 | 12 | 64.4 | 230 | 5 |
| 500S 1025E | 1.1 | 29 | 208 | 4.8 | 22 | 48160 | 914 | 1 | 9 | 19 | 85.8 | 165 | 5 |
| 500S 1050E | .7 | 12 | 182 | 3.6 | 17 | 50420 | 306 | 1 | 7 | 17 | 77.8 | 96 | 5 |
| 500S 1075E | 1.0 | 8 | 335 | 4.9 | 18 | 59670 | 415 | 1 | 10 | 16 | 107.0 | 70 | 5 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|-----|-----|------|----|-------|------|----|----|-----|-------|-----|--------|
| 500S 1100E | 1.6 | 45 | 277 | 8.7 | 26 | 72800 | 439 | 3 | 17 | 22 | 130.6 | 147 | 10 |
| 500S 1125E | 1.3 | 6 | 227 | 6.8 | 25 | 59570 | 484 | 4 | 33 | 23 | 103.1 | 162 | 5 |
| 500S 1150E | 1.1 | 5 | 253 | 6.0 | 27 | 43030 | 1012 | 3 | 19 | 15 | 75.2 | 190 | 5 |
| 500S 1175E | 1.0 | 11 | 212 | 6.6 | 30 | 56200 | 570 | 1 | 8 | 18 | 100.6 | 154 | 10 |
| 500S 1200E | 1.3 | 34 | 398 | 6.8 | 28 | 57130 | 364 | 12 | 18 | 15 | 104.0 | 93 | 5 |
| 500S 1225E | .7 | 34 | 143 | 6.6 | 25 | 50840 | 269 | 4 | 20 | 15 | 96.5 | 94 | 5 |
| 500S 1250E | 1.2 | 26 | 185 | 5.8 | 32 | 50370 | 552 | 4 | 12 | 12 | 87.6 | 193 | 25 |
| 500S 1275E | .6 | 39 | 185 | 7.9 | 22 | 50700 | 343 | 1 | 18 | 13 | 86.9 | 147 | 5 |
| 500S 1300E | .5 | 27 | 143 | 5.9 | 18 | 47940 | 436 | 4 | 17 | 11 | 72.7 | 118 | 5 |
| 500S 1325E | 1.0 | 20 | 224 | 5.4 | 20 | 44330 | 851 | 3 | 22 | 10 | 77.9 | 162 | 5 |
| 500S 1350E | .7 | 32 | 192 | 5.4 | 21 | 46210 | 463 | 2 | 15 | 12 | 83.8 | 100 | 5 |
| 500S 1375E | .9 | 8 | 201 | 5.5 | 18 | 44960 | 308 | 4 | 59 | 9 | 86.9 | 96 | 5 |
| 500S 1400E | .8 | 19 | 153 | 4.1 | 19 | 51460 | 594 | 1 | 20 | 11 | 98.0 | 168 | 5 |
| 500S 1425E | 1.1 | 10 | 134 | 5.3 | 19 | 49880 | 388 | 12 | 31 | 21 | 102.0 | 308 | 5 |
| 500S 1450E | .5 | 5 | 135 | 5.1 | 17 | 43430 | 307 | 4 | 27 | 15 | 83.0 | 136 | 5 |
| 500S 1475E | .7 | 20 | 92 | 2.7 | 11 | 26080 | 265 | 1 | 19 | 8 | 51.0 | 133 | 5 |
| 500S 1500E | 1.1 | 16 | 201 | 7.8 | 24 | 46280 | 327 | 4 | 27 | 16 | 103.2 | 366 | 10 |
| 700S 1000E | .7 | 25 | 180 | 5.5 | 23 | 44730 | 531 | 2 | 9 | 9 | 79.1 | 293 | 10 |
| 700S 1025E | .7 | 23 | 161 | 5.7 | 20 | 43390 | 325 | 2 | 6 | 8 | 83.4 | 72 | 5 |
| 700S 1050E | 1.4 | 19 | 242 | 4.6 | 30 | 43000 | 1655 | 1 | 5 | 10 | 73.1 | 116 | 5 |
| 700S 1075E | 1.0 | 10 | 176 | 5.9 | 31 | 47350 | 635 | 1 | 8 | 10 | 83.0 | 231 | 5 |
| 700S 1100E | 1.2 | 20 | 191 | 5.5 | 29 | 44240 | 1114 | 2 | 14 | 9 | 78.1 | 141 | 5 |
| 700S 1125E | .8 | 34 | 161 | 6.4 | 24 | 49710 | 420 | 1 | 6 | 10 | 85.1 | 151 | 5 |
| 700S 1150E | 1.0 | 1 | 117 | 4.7 | 18 | 37770 | 355 | 1 | 11 | 9 | 72.0 | 86 | 5 |
| 700S 1175E | 1.1 | 32 | 181 | 5.4 | 29 | 56480 | 497 | 4 | 7 | 12 | 85.5 | 134 | 25 |
| 700S 1200E | 1.1 | 25 | 185 | 6.1 | 28 | 65980 | 462 | 4 | 14 | 13 | 107.9 | 147 | 10 |
| 700S 1225E 40M | .4 | 845 | 88 | 20.9 | 15 | 37600 | 414 | 13 | 14 | 171 | 51.3 | 58 | 485 |
| 700S 1250E | .5 | 20 | 196 | 7.6 | 18 | 56160 | 324 | 25 | 4 | 15 | 94.1 | 84 | 5 |
| 700S 1275E | .8 | 19 | 230 | 6.0 | 22 | 47940 | 467 | 1 | 21 | 15 | 86.2 | 149 | 5 |
| 700S 1300E | 1.7 | 37 | 203 | 5.1 | 28 | 57600 | 620 | 1 | 9 | 14 | 95.0 | 116 | 10 |
| 800S 1000E | .4 | 13 | 500 | 6.6 | 22 | 55100 | 299 | 1 | 21 | 8 | 99.6 | 76 | 5 |
| 800S 1050E | .7 | 8 | 158 | 6.2 | 26 | 42140 | 547 | 2 | 15 | 6 | 76.2 | 103 | 5 |
| 800S 1075E | .7 | 5 | 148 | 6.1 | 24 | 42340 | 426 | 4 | 18 | 8 | 74.1 | 96 | 10 |
| 800S 1100E | 1.1 | 12 | 236 | 6.3 | 38 | 51650 | 1710 | 1 | 17 | 11 | 82.2 | 106 | 5 |
| 800S 1125E | .7 | 39 | 191 | 6.9 | 27 | 48420 | 560 | 3 | 16 | 11 | 84.0 | 121 | 5 |
| 800S 1150E | .7 | 16 | 207 | 5.2 | 29 | 41510 | 950 | 3 | 11 | 9 | 73.9 | 133 | 5 |
| 800S 1175E | .7 | 32 | 141 | 5.7 | 25 | 43320 | 480 | 3 | 7 | 10 | 79.0 | 94 | 10 |
| 800S 1200E | .9 | 17 | 185 | 6.2 | 16 | 45020 | 337 | 3 | 11 | 10 | 76.1 | 47 | 5 |
| 800S 1225E | 1.0 | 14 | 332 | 5.5 | 24 | 47620 | 816 | 3 | 14 | 10 | 76.9 | 101 | 15 |
| 800S 1250E | .8 | 20 | 173 | 6.8 | 22 | 45210 | 288 | 1 | 18 | 10 | 82.2 | 62 | 5 |
| 800S 1275E | 1.4 | 43 | 197 | 8.4 | 28 | 54290 | 684 | 4 | 7 | 9 | 87.4 | 95 | 5 |
| 800S 1300E | .8 | 2 | 176 | 7.1 | 21 | 44050 | 676 | 3 | 14 | 11 | 75.3 | 262 | 5 |
| 800S 1325E | 1.2 | 9 | 199 | 6.0 | 28 | 58600 | 486 | 1 | 19 | 12 | 111.2 | 119 | 5 |
| 800S 1350E | .8 | 8 | 134 | 4.2 | 14 | 65500 | 225 | 12 | 13 | 11 | 82.0 | 81 | 10 |
| 800S 1375E | .9 | 10 | 101 | 5.3 | 21 | 65000 | 276 | 3 | 11 | 10 | 83.1 | 89 | 5 |
| 800S 1400E | 1.2 | 2 | 228 | 6.0 | 28 | 71000 | 871 | 3 | 15 | 7 | 124.3 | 133 | 5 |
| 800S 1425E | 1.1 | 19 | 207 | 4.9 | 24 | 45050 | 1124 | 2 | 14 | 7 | 75.7 | 141 | 5 |
| 800S 1450E | .9 | 28 | 115 | 4.2 | 19 | 40600 | 357 | 1 | 16 | 7 | 77.5 | 68 | 5 |
| 800S 1475E | .9 | 14 | 148 | 4.7 | 17 | 46860 | 308 | 1 | 14 | 7 | 82.7 | 65 | 10 |
| 800S 1500E | 1.2 | 24 | 164 | 4.3 | 19 | 43300 | 529 | 2 | 8 | 7 | 82.1 | 75 | 5 |
| 900S 1000E | .7 | 1 | 168 | 6.0 | 23 | 40330 | 568 | 1 | 7 | 12 | 75.2 | 98 | 5 |
| 900S 1025E | .9 | 18 | 233 | 7.9 | 32 | 52070 | 691 | 2 | 7 | 22 | 91.5 | 147 | 5 |
| 900S 1050E | .9 | 38 | 159 | 6.1 | 21 | 53060 | 428 | 1 | 4 | 21 | 88.4 | 117 | 5 |
| 900S 1075E | .7 | 22 | 207 | 5.5 | 28 | 55400 | 397 | 4 | 18 | 18 | 85.5 | 83 | 10 |
| 900S 1100E | .9 | 32 | 215 | 6.3 | 30 | 50680 | 410 | 2 | 5 | 18 | 88.5 | 108 | 5 |
| 900S 1125E | 1.1 | 31 | 178 | 4.2 | 25 | 43020 | 420 | 1 | 10 | 15 | 76.0 | 86 | 5 |
| 900S 1150E | .9 | 9 | 128 | 5.4 | 24 | 41020 | 303 | 3 | 7 | 13 | 75.3 | 82 | 5 |
| 900S 1175E | .9 | 6 | 841 | 8.2 | 14 | 58770 | 269 | 6 | 15 | 16 | 120.2 | 52 | 5 |
| 900S 1200E | .9 | 17 | 344 | 8.1 | 26 | 55490 | 788 | 1 | 8 | 16 | 100.1 | 70 | 5 |
| 900S 1225E | .8 | 3 | 285 | 5.9 | 24 | 54100 | 725 | 1 | 20 | 9 | 74.6 | 122 | 5 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|-----|----|-------|------|----|----|----|-------|-----|--------|
| 900S 1250E | .6 | 19 | 131 | 4.8 | 23 | 41680 | 341 | 2 | 11 | 7 | 72.6 | 66 | 5 |
| 900S 1275E | .7 | 21 | 152 | 5.9 | 21 | 41840 | 405 | 2 | 4 | 7 | 71.5 | 110 | 5 |
| 900S 1300E | .7 | 9 | 298 | 6.2 | 16 | 69780 | 321 | 4 | 20 | 15 | 100.8 | 77 | 10 |
| 900S 1325E | .5 | 31 | 166 | 5.5 | 25 | 40070 | 453 | 1 | 10 | 15 | 70.7 | 59 | 5 |
| 900S 1375E | .8 | 11 | 271 | 5.7 | 33 | 48780 | 618 | 3 | 20 | 8 | 88.3 | 101 | 5 |
| 900S 1400E | .8 | 22 | 305 | 4.7 | 17 | 39140 | 519 | 2 | 8 | 8 | 66.6 | 68 | 5 |
| 900S 1425E | .9 | 25 | 195 | 4.4 | 26 | 38220 | 686 | 1 | 5 | 9 | 66.2 | 126 | 5 |
| 900S 1450E | 1.0 | 17 | 185 | 4.4 | 20 | 38610 | 334 | 1 | 3 | 11 | 68.5 | 77 | 10 |
| 900S 1475E | 1.2 | 13 | 225 | 6.2 | 21 | 41440 | 688 | 2 | 9 | 8 | 73.5 | 92 | 5 |
| 900S 1500E | .8 | 2 | 181 | 4.6 | 20 | 42530 | 346 | 1 | 6 | 9 | 69.8 | 101 | 5 |
| 1200S 1000E | .8 | 7 | 201 | 2.9 | 12 | 36860 | 1257 | 1 | 11 | 6 | 64.5 | 83 | 5 |
| 1200S 1025E | .5 | 6 | 215 | 3.4 | 12 | 39660 | 623 | 1 | 6 | 6 | 60.8 | 109 | 10 |
| 1200S 1050E | .7 | 20 | 363 | 2.8 | 10 | 37960 | 488 | 2 | 9 | 7 | 56.6 | 91 | 5 |
| 1200S 1075E | .6 | 15 | 112 | 3.0 | 9 | 38580 | 426 | 1 | 8 | 11 | 53.6 | 77 | 5 |
| 1200S 1100E | .5 | 3 | 100 | 5.2 | 14 | 37050 | 449 | 2 | 10 | 7 | 55.2 | 72 | 5 |
| 1200S 1125E | .5 | 3 | 125 | 2.5 | 10 | 31670 | 299 | 1 | 5 | 5 | 58.9 | 83 | 5 |
| 1200S 1150E | .7 | 5 | 169 | 5.6 | 14 | 37770 | 635 | 2 | 23 | 9 | 52.6 | 71 | 5 |
| 1200S 1175E | .7 | 21 | 112 | 4.7 | 11 | 36980 | 378 | 2 | 10 | 6 | 52.4 | 65 | 10 |
| 1200S 1225E | .9 | 21 | 242 | 4.0 | 24 | 82620 | 329 | 3 | 15 | 8 | 91.8 | 112 | 5 |
| 1200S 1250E | .7 | 8 | 111 | 3.5 | 13 | 35030 | 367 | 1 | 11 | 6 | 53.8 | 49 | 5 |
| 1200S 1275E | .8 | 3 | 126 | 4.2 | 19 | 37520 | 459 | 3 | 8 | 7 | 64.2 | 99 | 5 |
| 1200S 1300E | .4 | 29 | 124 | 5.2 | 15 | 44810 | 326 | 1 | 13 | 5 | 64.1 | 52 | 5 |
| 1200S 1325E | .8 | 20 | 172 | 4.4 | 16 | 42590 | 335 | 2 | 12 | 7 | 69.9 | 99 | 10 |
| 1200S 1350E | .8 | 24 | 145 | 5.3 | 24 | 43990 | 873 | 2 | 12 | 8 | 66.4 | 124 | 5 |
| 1200S 1375E | .7 | 9 | 109 | 4.6 | 19 | 40320 | 340 | 2 | 9 | 6 | 62.4 | 98 | 5 |
| 1200S 1400E | .7 | 4 | 129 | 5.6 | 19 | 39880 | 520 | 1 | 21 | 6 | 61.3 | 126 | 5 |
| 1300S 025W | .8 | 12 | 181 | 3.6 | 14 | 47110 | 1269 | 1 | 13 | 10 | 78.7 | 98 | 5 |
| 1300S 050W | .8 | 4 | 280 | 4.7 | 15 | 64360 | 1674 | 3 | 16 | 16 | 119.8 | 155 | 5 |
| 1300S 075W 40M | 1.1 | 8 | 426 | 2.4 | 9 | 60160 | 2872 | 1 | 29 | 10 | 74.1 | 141 | 10 |
| 1300S 100W | 1.1 | 7 | 154 | 4.7 | 15 | 63020 | 930 | 1 | 5 | 10 | 128.9 | 126 | 5 |
| DL 1300S 125W | 1.4 | 32 | 246 | 5.0 | 19 | 66870 | 1214 | 3 | 19 | 11 | 144.6 | 149 | 5 |

COMPANY: AVING MINES

PROJECT NO: OLYMPIC

ATTENTION: J. CHRISTOFFERON

MIN-EN LABS ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604) 990-5814 OR (604) 988-4524

ACT: F011 PAGE 1 OF 1

FILE NO: 7-1117/F12

* TYPE SOIL GEOCHEM *

DATE: SEPT 3, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|-----|----|-------|------|----|----|-----|-------|-----|--------|
| 1300S 175W | 1.3 | 35 | 231 | 3.7 | 17 | 75820 | 1324 | 1 | 18 | 12 | 145.2 | 154 | 5 |
| 1300S 200W 40M | 1.4 | 30 | 236 | 4.6 | 18 | 77840 | 2226 | 2 | 6 | 13 | 138.1 | 140 | 5 |
| 1300S 025E | 1.2 | 3 | 149 | 4.9 | 13 | 53380 | 705 | 1 | 3 | 9 | 97.2 | 94 | 10 |
| 1300S 050E | 1.3 | 8 | 184 | 5.7 | 17 | 64690 | 1146 | 3 | 6 | 13 | 108.9 | 121 | 5 |
| 1300S 075E | 1.2 | 3 | 202 | 4.3 | 13 | 59550 | 1420 | 3 | 9 | 15 | 97.0 | 119 | 5 |
| 1300S 100E | 1.5 | 8 | 190 | 3.1 | 14 | 50390 | 797 | 1 | 7 | 10 | 103.1 | 138 | 5 |
| 1300S 125E | 1.6 | 38 | 290 | 4.9 | 19 | 60120 | 2183 | 3 | 10 | 12 | 116.3 | 169 | 5 |
| 1300S 150E | 1.1 | 1 | 190 | 4.6 | 15 | 50240 | 807 | 1 | 11 | 13 | 94.7 | 228 | 5 |
| 1300S 175E | 1.3 | 3 | 195 | 4.4 | 15 | 48140 | 739 | 3 | 7 | 10 | 97.3 | 204 | 5 |
| 1300S 200E | 1.4 | 20 | 129 | 2.9 | 13 | 48380 | 701 | 1 | 15 | 9 | 86.6 | 104 | 5 |
| 1300S 225E | 1.2 | 5 | 203 | 3.5 | 13 | 44410 | 1325 | 2 | 14 | 10 | 83.9 | 234 | 10 |
| 1300S 250E 40M | 1.0 | 4 | 209 | 1.4 | 7 | 35550 | 1116 | 1 | 16 | 7 | 54.2 | 156 | 5 |
| 1300S 300E 40M | 1.2 | 24 | 259 | 3.5 | 13 | 44310 | 1523 | 2 | 16 | 12 | 77.0 | 242 | 5 |
| 1300S 325E | 1.2 | 17 | 248 | 2.2 | 5 | 38640 | 192 | 8 | 19 | 8 | 58.7 | 215 | 5 |
| 1300S 350E | .8 | 9 | 245 | 5.2 | 12 | 52400 | 886 | 2 | 16 | 12 | 73.7 | 162 | 10 |
| 1300S 375E | 1.4 | 9 | 176 | 4.9 | 12 | 46170 | 793 | 2 | 13 | 11 | 80.0 | 110 | 5 |
| 1300S 400E | .6 | 9 | 281 | 5.7 | 19 | 56740 | 1037 | 2 | 13 | 105 | 91.4 | 229 | 5 |
| 1300S 425E 40M | .7 | 40 | 279 | 7.2 | 14 | 53740 | 903 | 1 | 13 | 52 | 58.8 | 150 | 5 |
| 1300S 450E 40M | .7 | 4 | 284 | 7.3 | 16 | 52890 | 807 | 4 | 14 | 13 | 60.2 | 200 | 10 |
| 1300S 475E | 1.2 | 14 | 365 | 6.0 | 22 | 56510 | 1633 | 3 | 12 | 14 | 93.2 | 129 | 5 |
| 1300S 500E | 1.2 | 10 | 620 | 6.7 | 19 | 55220 | 1708 | 2 | 16 | 12 | 101.5 | 209 | 5 |
| 1300S 525E | .7 | 25 | 149 | 3.7 | 13 | 42590 | 528 | 2 | 15 | 8 | 83.6 | 84 | 5 |
| 1300S 550E | 1.5 | 10 | 233 | 6.0 | 18 | 51240 | 633 | 3 | 17 | 15 | 104.6 | 147 | 15 |
| 1300S 575E | 1.2 | 6 | 281 | 5.2 | 14 | 52390 | 680 | 3 | 18 | 18 | 106.5 | 133 | 5 |
| 1300S 600E | .6 | 40 | 294 | 6.8 | 17 | 57290 | 838 | 3 | 19 | 11 | 113.5 | 141 | 5 |
| 1300S 625E | .7 | 19 | 254 | 4.1 | 12 | 41600 | 845 | 1 | 9 | 7 | 83.8 | 126 | 10 |
| 1300S 650E | 1.2 | 4 | 244 | 4.8 | 15 | 48780 | 648 | 2 | 4 | 11 | 103.5 | 119 | 5 |
| 1300S 675E | .9 | 1 | 146 | 4.2 | 13 | 47660 | 555 | 3 | 8 | 14 | 96.0 | 109 | 5 |
| 1300S 700E | .9 | 21 | 223 | 4.6 | 13 | 42770 | 662 | 1 | 15 | 11 | 85.3 | 182 | 5 |
| 1300S 725E | 1.3 | 3 | 340 | 3.4 | 14 | 48070 | 2445 | 3 | 17 | 9 | 93.9 | 114 | 5 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|------|-----|------|----|-------|------|----|----|----|-------|-----|--------|
| 1300S 750E | .8 | 18 | 478 | 4.3 | 12 | 52290 | 1012 | 2 | 6 | 8 | 85.6 | 271 | 5 |
| 1300S 775E | .6 | 27 | 252 | 4.9 | 13 | 58320 | 470 | 1 | 16 | 8 | 107.8 | 106 | 5 |
| 1300S 800E | 1.0 | 26 | 248 | 3.8 | 14 | 52500 | 689 | 1 | 15 | 10 | 91.4 | 122 | 5 |
| 1300S 825E | .7 | 9 | 266 | 4.0 | 12 | 50300 | 425 | 3 | 3 | 8 | 84.5 | 130 | 10 |
| 1300S 850E | .6 | 5 | 265 | 3.9 | 11 | 58470 | 581 | 2 | 15 | 8 | 85.1 | 149 | 5 |
| 1300S 875E | .6 | 9 | 306 | 3.5 | 10 | 42620 | 959 | 1 | 9 | 6 | 63.7 | 141 | 5 |
| 1300S 900E | .8 | 20 | 241 | 3.0 | 9 | 47270 | 430 | 2 | 6 | 8 | 69.4 | 135 | 10 |
| 1300S 925E | .5 | 8 | 202 | 2.7 | 10 | 53780 | 525 | 1 | 14 | 12 | 60.6 | 117 | 5 |
| 1300S 950E | 1.0 | 13 | 234 | 4.1 | 12 | 54590 | 547 | 2 | 12 | 11 | 85.5 | 147 | 5 |
| 1300S 975E | 1.0 | 16 | 220 | 4.4 | 13 | 41790 | 650 | 1 | 12 | 9 | 67.3 | 116 | 5 |
| 1300S 1000E | .9 | 26 | 264 | 5.1 | 25 | 53870 | 885 | 2 | 13 | 12 | 80.4 | 109 | 5 |
| 1300S 1025E | .5 | 3 | 98 | 3.5 | 12 | 27410 | 293 | 1 | 4 | 6 | 42.5 | 48 | 10 |
| 1300S 1050E | .9 | 4 | 181 | 4.3 | 12 | 48910 | 682 | 2 | 11 | 10 | 54.8 | 104 | 5 |
| 1300S 1075E | 1.1 | 19 | 245 | 3.6 | 12 | 37390 | 994 | 1 | 16 | 9 | 62.3 | 112 | 5 |
| 1300S 1100E | .7 | 18 | 105 | 3.2 | 9 | 29630 | 364 | 1 | 3 | 8 | 52.1 | 61 | 10 |
| 1300S 1125E | 1.1 | 18 | 154 | 5.1 | 38 | 50980 | 694 | 3 | 17 | 11 | 80.1 | 102 | 5 |
| 1300S 1150E | .6 | 18 | 139 | 3.5 | 11 | 33910 | 385 | 1 | 11 | 6 | 65.6 | 107 | 15 |
| 1300S 1175E | .8 | 12 | 120 | 3.9 | 11 | 35520 | 343 | 2 | 15 | 10 | 61.3 | 77 | 15 |
| 1300S 1200E | .6 | 33 | 165 | 4.4 | 9 | 69330 | 255 | 3 | 13 | 8 | 85.7 | 76 | 5 |
| 1300S 1225E | .8 | 1108 | 115 | 24.9 | 19 | 59450 | 491 | 3 | 29 | 17 | 90.0 | 66 | 410 |
| 1300S 1250E | 1.1 | 7 | 194 | 6.5 | 32 | 60790 | 829 | 2 | 9 | 11 | 101.3 | 158 | 5 |
| 1300S 1300E | 1.2 | 14 | 176 | 5.7 | 25 | 46990 | 1469 | 2 | 9 | 11 | 80.5 | 167 | 5 |
| 1300S 1350E | 1.2 | 20 | 204 | 5.7 | 23 | 53840 | 651 | 2 | 5 | 12 | 92.4 | 118 | 5 |
| 1300S 1375E | 1.2 | 5 | 175 | 4.8 | 26 | 49420 | 1606 | 2 | 7 | 10 | 87.1 | 90 | 10 |
| 1300S 1400E | .8 | 36 | 125 | 8.7 | 17 | 71320 | 560 | 2 | 22 | 12 | 112.4 | 187 | 10 |
| 1400S 000E 40M | .6 | 7 | 206 | 5.6 | 22 | 79320 | 1353 | 1 | 19 | 37 | 103.1 | 142 | 5 |
| 1400S 025E | 1.5 | 12 | 237 | 5.0 | 17 | 70040 | 901 | 4 | 17 | 14 | 146.1 | 137 | 5 |
| 1400S 050E | 1.4 | 25 | 173 | 3.5 | 17 | 55490 | 678 | 1 | 16 | 9 | 116.6 | 124 | 5 |
| 1400S 075E | 1.2 | 11 | 179 | 4.9 | 14 | 59830 | 757 | 2 | 6 | 11 | 109.0 | 146 | 5 |
| 1400S 100E | 1.7 | 3 | 241 | 4.2 | 16 | 63620 | 1159 | 3 | 20 | 14 | 128.2 | 170 | 5 |
| 1400S 125E | 1.2 | 23 | 245 | 4.4 | 15 | 56170 | 1291 | 2 | 11 | 8 | 110.6 | 184 | 5 |
| 1400S 150E | .8 | 14 | 162 | 4.6 | 11 | 49250 | 848 | 1 | 9 | 8 | 83.4 | 171 | 5 |
| 1400S 175E | 1.5 | 28 | 251 | 6.5 | 15 | 57580 | 1044 | 1 | 8 | 10 | 115.9 | 229 | 5 |
| 1400S 200E | 1.7 | 25 | 152 | 5.2 | 16 | 61000 | 1289 | 2 | 14 | 15 | 125.9 | 101 | 10 |
| 1400S 225E | 1.2 | 13 | 168 | 4.5 | 12 | 48520 | 879 | 2 | 10 | 11 | 70.6 | 104 | 5 |
| 1400S 250E | 1.2 | 7 | 185 | 4.1 | 13 | 55190 | 692 | 2 | 9 | 12 | 98.1 | 125 | 5 |
| 1400S 275E | 1.1 | 8 | 222 | 2.6 | 11 | 40010 | 830 | 2 | 3 | 10 | 77.4 | 137 | 5 |
| 1400S 300E | .9 | 3 | 196 | 3.7 | 12 | 43560 | 855 | 1 | 10 | 10 | 74.1 | 144 | 5 |
| 1400S 325E | .9 | 14 | 181 | 3.6 | 11 | 43470 | 499 | 2 | 15 | 10 | 70.0 | 126 | 5 |
| 1400S 350E | .6 | 14 | 141 | 2.4 | 11 | 40260 | 606 | 2 | 6 | 7 | 53.6 | 157 | 5 |
| 1400S 375E | .8 | 2 | 225 | 3.2 | 13 | 46710 | 526 | 3 | 5 | 10 | 87.5 | 119 | 10 |
| 1400S 400E | 1.2 | 25 | 307 | 10.7 | 34 | 65660 | 3177 | 6 | 15 | 14 | 120.4 | 132 | 5 |
| 1400S 425E | 1.3 | 2 | 257 | 5.8 | 20 | 69590 | 2481 | 2 | 13 | 27 | 109.7 | 141 | 25 |
| 1400S 450E | 1.0 | 21 | 229 | 5.0 | 17 | 56260 | 1243 | 3 | 8 | 13 | 91.0 | 136 | 5 |
| 1400S 475E | 1.6 | 9 | 758 | 4.9 | 22 | 60520 | 2199 | 2 | 11 | 11 | 108.2 | 126 | 5 |
| 1400S 500E | 1.0 | 17 | 199 | 4.0 | 14 | 42990 | 782 | 1 | 12 | 9 | 76.9 | 111 | 10 |
| 1400S 525E | 1.2 | 23 | 146 | 4.3 | 13 | 47350 | 797 | 2 | 17 | 11 | 90.8 | 95 | 5 |
| 1400S 550E | 1.4 | 17 | 139 | 4.6 | 15 | 51770 | 946 | 1 | 14 | 19 | 97.3 | 90 | 5 |
| 1400S 575E | .6 | 2 | 219 | 4.5 | 10 | 46190 | 427 | 4 | 4 | 8 | 74.9 | 146 | 10 |
| 1400S 600E | .5 | 24 | 196 | 2.4 | 8 | 54520 | 369 | 3 | 8 | 7 | 65.9 | 137 | 5 |
| 1400S 625E | .6 | 7 | 268 | 6.4 | 14 | 52610 | 632 | 2 | 6 | 14 | 97.3 | 102 | 5 |
| 1400S 650E | 1.1 | 15 | 153 | 3.8 | 11 | 39370 | 648 | 2 | 9 | 15 | 80.9 | 132 | 5 |
| 1400S 675E | 1.0 | 8 | 170 | 4.4 | 17 | 47350 | 945 | 3 | 5 | 11 | 106.9 | 196 | 5 |
| 1400S 700E | 1.2 | 13 | 142 | 4.3 | 16 | 48810 | 807 | 3 | 9 | 11 | 103.4 | 153 | 10 |
| 1400S 725E | 1.2 | 30 | 179 | 4.6 | 15 | 52980 | 981 | 3 | 11 | 11 | 112.6 | 135 | 5 |
| 1400S 750E | 1.2 | 8 | 252 | 3.7 | 15 | 55450 | 933 | 2 | 16 | 15 | 118.3 | 112 | 5 |
| 1400S 775E | 1.3 | 10 | 195 | 4.9 | 15 | 54550 | 963 | 4 | 10 | 14 | 107.5 | 122 | 5 |
| 1400S 800E | 1.3 | 3 | 253 | 6.8 | 24 | 68810 | 1261 | 5 | 24 | 13 | 142.7 | 144 | 10 |
| 1400S 825E | 1.2 | 32 | 352 | 4.5 | 15 | 51330 | 935 | 3 | 9 | 12 | 88.0 | 97 | 5 |
| 1400S 850E | 1.0 | 8 | 177 | 4.2 | 13 | 54750 | 557 | 1 | 14 | 11 | 110.6 | 117 | 5 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|------|----|-------|------|----|----|----|-------|-----|--------|
| 1400S 875E | .6 | 34 | 170 | 4.7 | 11 | 87740 | 377 | 4 | 21 | 5 | 181.2 | 126 | 5 |
| 1400S 900E | .8 | 10 | 233 | 2.7 | 11 | 46420 | 613 | 2 | 15 | 6 | 77.4 | 117 | 5 |
| 1400S 925E | .9 | 2 | 293 | 4.1 | 14 | 47460 | 535 | 4 | 18 | 10 | 94.0 | 205 | 5 |
| 1400S 950E | .7 | 3 | 266 | 2.8 | 11 | 52650 | 1069 | 1 | 9 | 8 | 79.0 | 108 | 5 |
| 1400S 975E | 1.2 | 22 | 259 | 3.5 | 15 | 49430 | 1063 | 3 | 7 | 8 | 87.5 | 157 | 5 |
| 1400S 1000E | .6 | 7 | 205 | 3.7 | 13 | 46950 | 534 | 3 | 13 | 8 | 72.8 | 115 | 10 |
| 1400S 1025E | .8 | 15 | 265 | 4.9 | 14 | 45970 | 489 | 2 | 12 | 9 | 69.0 | 91 | 5 |
| 1400S 1050E | .4 | 4 | 183 | 12.2 | 45 | 69920 | 651 | 4 | 21 | 6 | 56.8 | 55 | 5 |
| 1400S 1075E | 1.0 | 10 | 86 | 3.0 | 13 | 20640 | 218 | 2 | 19 | 7 | 27.5 | 31 | 5 |
| 1400S 1100E | .9 | 7 | 215 | 3.9 | 14 | 34950 | 429 | 1 | 12 | 9 | 66.9 | 88 | 10 |
| 1400S 1125E | .8 | 7 | 144 | 4.5 | 17 | 44200 | 676 | 2 | 12 | 7 | 80.6 | 111 | 5 |
| 1400S 1150E | .7 | 2 | 143 | 6.2 | 16 | 46220 | 464 | 2 | 6 | 8 | 66.3 | 78 | 10 |
| 1400S 1175E | .9 | 27 | 164 | 6.5 | 19 | 45770 | 434 | 2 | 8 | 8 | 71.7 | 95 | 5 |
| 1400S 1200E | 1.0 | 29 | 163 | 6.4 | 14 | 46620 | 361 | 2 | 11 | 10 | 72.3 | 67 | 5 |
| 1400S 1225E | 1.5 | 19 | 351 | 5.1 | 15 | 35880 | 2034 | 1 | 24 | 11 | 55.0 | 171 | 5 |
| 1400S 1250E | 1.4 | 1 | 234 | 4.1 | 14 | 38750 | 676 | 1 | 18 | 11 | 69.7 | 139 | 5 |
| 1400S 1275E | 1.3 | 13 | 159 | 3.9 | 22 | 40980 | 640 | 1 | 16 | 9 | 77.5 | 110 | 10 |
| 1400S 1300E | 1.2 | 15 | 230 | 8.0 | 14 | 67210 | 583 | 1 | 15 | 13 | 97.9 | 104 | 5 |
| 1400S 1325E | 1.1 | 44 | 241 | 6.8 | 14 | 88240 | 487 | 2 | 20 | 11 | 105.1 | 157 | 5 |
| 1400S 1350E | 1.1 | 64 | 154 | 13.1 | 21 | 82400 | 794 | 2 | 29 | 13 | 121.6 | 141 | 10 |
| 1400S 1375E | 1.0 | 1 | 136 | 4.9 | 14 | 41140 | 554 | 1 | 16 | 10 | 65.0 | 99 | 5 |
| 1400S 1400E | 1.1 | 90 | 220 | 6.2 | 16 | 46060 | 421 | 1 | 18 | 16 | 53.1 | 240 | 5 |
| 1500S 000W | .4 | 25 | 146 | 3.8 | 12 | 72650 | 400 | 2 | 15 | 23 | 92.7 | 78 | 5 |
| 1500S 025W | 1.0 | 11 | 129 | 2.3 | 8 | 33280 | 400 | 2 | 10 | 9 | 66.5 | 92 | 5 |
| 1500S 050W | 1.0 | 30 | 236 | 4.6 | 15 | 59200 | 767 | 1 | 16 | 10 | 114.9 | 122 | 5 |
| 1500S 075W | 1.0 | 22 | 152 | 8.1 | 23 | 70340 | 861 | 1 | 22 | 15 | 131.2 | 74 | 5 |
| 1500S 100W | 1.2 | 33 | 508 | 8.5 | 22 | 81580 | 3567 | 3 | 15 | 17 | 131.7 | 97 | 10 |
| 1500S 125W | 1.2 | 11 | 299 | 5.9 | 19 | 71120 | 1785 | 1 | 14 | 20 | 130.5 | 109 | 5 |
| 1500S 150W | 1.0 | 25 | 165 | 3.8 | 12 | 47460 | 1252 | 2 | 16 | 8 | 92.4 | 84 | 5 |
| 1500S 200W 40M | 2.0 | 27 | 219 | 5.3 | 22 | 77330 | 1048 | 1 | 21 | 12 | 164.1 | 193 | 5 |
| 1500S 250W | .9 | 4 | 178 | 2.6 | 12 | 64950 | 1817 | 3 | 25 | 10 | 111.4 | 133 | 5 |
| 1500S 275W | 1.2 | 8 | 269 | 2.9 | 11 | 45460 | 1974 | 1 | 17 | 8 | 97.2 | 82 | 5 |
| 1500S 300W | 1.1 | 21 | 179 | 3.7 | 10 | 83310 | 3674 | 2 | 38 | 9 | 119.0 | 215 | 5 |
| 1500S 325W | 1.2 | 23 | 138 | 2.6 | 12 | 38470 | 1295 | 1 | 12 | 7 | 80.0 | 93 | 10 |
| 1500S 350W | .9 | 13 | 107 | 2.6 | 10 | 52050 | 1992 | 2 | 21 | 15 | 76.3 | 137 | 5 |
| 1500S 050E | .5 | 16 | 103 | 3.6 | 10 | 39350 | 488 | 1 | 4 | 12 | 67.1 | 57 | 5 |
| 1500S 100E | 1.3 | 14 | 149 | 4.4 | 16 | 61000 | 1205 | 1 | 5 | 22 | 126.6 | 104 | 5 |
| 1500S 125E | 1.0 | 4 | 250 | 6.6 | 20 | 65980 | 862 | 3 | 4 | 15 | 129.5 | 135 | 5 |
| 1500S 150E | .9 | 9 | 306 | 4.3 | 14 | 56830 | 802 | 3 | 16 | 16 | 99.6 | 168 | 10 |
| 1500S 175E | .9 | 9 | 207 | 3.7 | 13 | 52250 | 546 | 1 | 5 | 12 | 87.2 | 182 | 10 |
| 1500S 200E 40M | 1.1 | 30 | 256 | 4.7 | 19 | 77190 | 1062 | 1 | 12 | 11 | 146.0 | 128 | 5 |
| 1500S 225E | .5 | 24 | 164 | 3.1 | 10 | 50590 | 884 | 1 | 8 | 9 | 66.2 | 141 | 5 |
| 1500S 275E | 1.3 | 2 | 141 | 4.4 | 14 | 53800 | 602 | 1 | 17 | 9 | 109.6 | 151 | 10 |
| 1500S 300E | 1.0 | 7 | 253 | 5.3 | 12 | 46720 | 630 | 1 | 15 | 11 | 72.6 | 180 | 5 |
| 1500S 325E | .7 | 2 | 168 | 2.4 | 8 | 34590 | 627 | 2 | 13 | 8 | 57.3 | 144 | 10 |
| 1500S 350E | .6 | 13 | 235 | 2.8 | 9 | 40370 | 1070 | 3 | 15 | 13 | 58.5 | 167 | 5 |
| 1500S 375E | .9 | 12 | 142 | 3.3 | 10 | 49050 | 955 | 3 | 12 | 9 | 57.5 | 118 | 5 |
| 1500S 400E | .9 | 20 | 381 | 4.6 | 17 | 56470 | 1814 | 1 | 26 | 10 | 57.8 | 200 | 5 |
| 1500S 425E 40M | 1.4 | 23 | 190 | 5.8 | 17 | 65600 | 1991 | 2 | 14 | 18 | 105.4 | 119 | 10 |
| 1500S 450E | .9 | 16 | 205 | 5.3 | 14 | 52140 | 1174 | 1 | 15 | 12 | 82.6 | 131 | 5 |
| 1500S 475E | .7 | 12 | 157 | 3.8 | 10 | 39670 | 745 | 1 | 9 | 10 | 63.5 | 108 | 5 |
| 1500S 500E | .8 | 10 | 144 | 3.6 | 10 | 35050 | 547 | 2 | 9 | 9 | 68.6 | 70 | 5 |
| 1500S 525E | .8 | 6 | 178 | 3.7 | 15 | 51600 | 939 | 2 | 8 | 11 | 91.9 | 109 | 5 |
| 1500S 550E | 1.0 | 14 | 166 | 4.3 | 14 | 56350 | 761 | 1 | 4 | 12 | 104.5 | 134 | 5 |
| 1500S 575E | .9 | 16 | 156 | 5.0 | 11 | 40740 | 668 | 2 | 12 | 9 | 68.1 | 128 | 10 |
| 1500S 600E | .9 | 17 | 196 | 3.5 | 11 | 40320 | 593 | 1 | 11 | 9 | 75.0 | 109 | 5 |
| 1500S 625E | 1.1 | 12 | 349 | 4.8 | 16 | 50540 | 893 | 3 | 9 | 11 | 92.2 | 134 | 5 |
| 1500S 650E | 1.1 | 12 | 204 | 3.7 | 13 | 49190 | 719 | 2 | 12 | 12 | 89.3 | 101 | 5 |
| 1500S 675E | 1.4 | 15 | 263 | 4.7 | 16 | 54750 | 2097 | 4 | 15 | 15 | 104.9 | 159 | 10 |
| 1500S 700E | 1.2 | 18 | 197 | 3.9 | 12 | 46090 | 737 | 2 | 15 | 12 | 94.4 | 113 | 5 |

| (VALUES IN PPM) | AS | BA | CB | CD | FE | MN | MO | PB | SB | V | ZN | AU-PPB | |
|-----------------|-----|-----|-----|------|----|-------|------|----|----|-----|-------|--------|----|
| 1500S 950E | 1.0 | 27 | 363 | 3.8 | 13 | 55490 | 564 | 2 | 14 | 8 | 85.9 | 144 | 5 |
| 1500S 975E | .8 | 7 | 199 | 3.9 | 13 | 61410 | 819 | 2 | 9 | 8 | 100.1 | 131 | 5 |
| 1500S 1000E | 1.0 | 11 | 252 | 3.8 | 12 | 50300 | 836 | 3 | 9 | 9 | 86.8 | 205 | 5 |
| 1500S 1025E | .8 | 24 | 228 | 6.2 | 21 | 61950 | 853 | 3 | 4 | 10 | 104.8 | 180 | 5 |
| 1500S 1050E | 1.3 | 7 | 206 | 3.4 | 14 | 54080 | 654 | 3 | 7 | 11 | 98.2 | 150 | 5 |
| 1500S 1075E | .9 | 7 | 219 | 3.7 | 13 | 43740 | 614 | 2 | 9 | 7 | 87.9 | 155 | 5 |
| 1500S 1100E | .8 | 15 | 215 | 3.3 | 13 | 51110 | 589 | 2 | 8 | 9 | 86.8 | 168 | 5 |
| 1500S 1125E | .8 | 19 | 219 | 5.5 | 24 | 55790 | 549 | 2 | 19 | 11 | 78.9 | 79 | 5 |
| 1500S 1150E | .9 | 20 | 220 | 4.6 | 18 | 51280 | 583 | 1 | 4 | 9 | 84.7 | 83 | 5 |
| 1500S 1175E | .8 | 19 | 210 | 5.1 | 20 | 43940 | 560 | 3 | 12 | 10 | 75.1 | 88 | 10 |
| 1500S 1200E | .9 | 25 | 352 | 4.3 | 13 | 53600 | 561 | 2 | 4 | 10 | 70.8 | 128 | 5 |
| 1500S 1225E | .7 | 9 | 644 | 1.3 | 8 | 34970 | 520 | 1 | 12 | 7 | 32.6 | 126 | 5 |
| 1500S 1250E | .6 | 47 | 214 | 9.2 | 15 | 67440 | 717 | 4 | 17 | 12 | 108.8 | 178 | 5 |
| 1500S 1275E | 1.0 | 35 | 160 | 9.5 | 34 | 74440 | 1225 | 6 | 17 | 11 | 121.9 | 150 | 5 |
| 1500S 1300E | .8 | 45 | 128 | 9.6 | 28 | 75990 | 719 | 4 | 12 | 12 | 110.7 | 114 | 5 |
| 1500S 1325E | 1.7 | 22 | 210 | 8.0 | 21 | 74130 | 489 | 3 | 19 | 14 | 110.4 | 245 | 5 |
| 1500S 1350E | 1.2 | 2 | 163 | 6.6 | 28 | 50690 | 857 | 3 | 5 | 9 | 85.0 | 175 | 10 |
| 1500S 1375E | .9 | 34 | 183 | 4.9 | 20 | 57070 | 707 | 2 | 7 | 13 | 87.0 | 107 | 5 |
| 1500S 1400E | 1.5 | 694 | 168 | 21.0 | 37 | 76230 | 578 | 2 | 22 | 17 | 105.9 | 197 | 5 |
| 1600S 000W | 1.4 | 10 | 215 | 5.8 | 21 | 68480 | 1126 | 2 | 6 | 13 | 146.8 | 162 | 5 |
| 1600S 025W | 1.6 | 10 | 219 | 5.0 | 19 | 66650 | 1047 | 2 | 15 | 13 | 140.4 | 175 | 5 |
| 1600S 050W | 1.2 | 10 | 158 | 5.6 | 18 | 73670 | 771 | 1 | 15 | 17 | 140.7 | 127 | 10 |
| 1600S 075W | 1.5 | 39 | 188 | 5.1 | 22 | 71310 | 1170 | 3 | 11 | 13 | 129.4 | 115 | 5 |
| 1600S 100W | 1.6 | 5 | 171 | 4.1 | 17 | 53260 | 991 | 2 | 7 | 12 | 98.4 | 107 | 10 |
| 1600S 125W | 2.3 | 2 | 322 | 6.9 | 27 | 91510 | 2890 | 1 | 25 | 16 | 163.7 | 164 | 5 |
| 1600S 150W | 1.3 | 36 | 295 | 4.4 | 17 | 64000 | 1451 | 1 | 21 | 14 | 130.1 | 125 | 5 |
| 1600S 175W | 1.6 | 28 | 170 | 4.1 | 18 | 69400 | 1121 | 1 | 19 | 10 | 138.5 | 125 | 5 |
| 1600S 200W | 1.0 | 1 | 161 | 2.7 | 14 | 55190 | 797 | 2 | 8 | 7 | 104.4 | 95 | 5 |
| 1600S 225W | 1.2 | 12 | 178 | 3.0 | 12 | 44840 | 1162 | 2 | 4 | 9 | 94.6 | 105 | 5 |
| 1600S 250W | 1.2 | 9 | 105 | 2.2 | 12 | 43200 | 1199 | 1 | 11 | 8 | 88.6 | 94 | 5 |
| 1600S 275W | .7 | 10 | 230 | 3.1 | 9 | 74020 | 2139 | 4 | 8 | 9 | 91.7 | 186 | 5 |
| 1600S 300W | .7 | 22 | 198 | 6.4 | 16 | 87230 | 792 | 2 | 6 | 6 | 168.2 | 137 | 5 |
| 1600S 000E | 1.3 | 33 | 188 | 4.9 | 21 | 71160 | 761 | 3 | 17 | 10 | 141.7 | 158 | 5 |
| 1600S 050E | 1.3 | 40 | 229 | 4.6 | 21 | 73040 | 1219 | 2 | 18 | 11 | 157.5 | 156 | 5 |
| 1600S 075E | 1.3 | 7 | 196 | 4.5 | 15 | 65100 | 642 | 1 | 17 | 9 | 146.2 | 126 | 10 |
| 1600S 100E | 1.3 | 16 | 261 | 3.9 | 18 | 64170 | 1114 | 2 | 19 | 17 | 127.8 | 135 | 5 |
| 1600S 125E | 1.3 | 51 | 223 | 7.8 | 18 | 65260 | 893 | 1 | 16 | 142 | 130.7 | 102 | 5 |
| 1600S 150E | .9 | 17 | 152 | 2.1 | 11 | 36510 | 711 | 1 | 7 | 14 | 74.9 | 77 | 5 |
| 1600S 175E | 1.3 | 10 | 263 | 5.2 | 18 | 60340 | 836 | 1 | 13 | 16 | 117.1 | 117 | 5 |
| 1600S 200E | 1.3 | 5 | 317 | 3.9 | 19 | 59790 | 1864 | 1 | 18 | 16 | 100.6 | 176 | 10 |
| 1600S 250E | 1.0 | 23 | 183 | 5.6 | 18 | 54070 | 1006 | 2 | 18 | 24 | 89.3 | 119 | 5 |
| 1600S 275E | 1.0 | 6 | 246 | 4.6 | 14 | 42630 | 937 | 2 | 14 | 11 | 78.8 | 213 | 5 |
| 1600S 300E | 1.0 | 15 | 227 | 4.7 | 16 | 51050 | 1310 | 2 | 8 | 15 | 71.4 | 127 | 5 |
| 1600S 325E | .9 | 2 | 325 | 3.0 | 13 | 43970 | 1750 | 2 | 10 | 8 | 38.3 | 142 | 10 |
| 1600S 375E | 1.3 | 9 | 416 | 4.2 | 17 | 50240 | 3670 | 2 | 20 | 11 | 51.3 | 160 | 5 |
| 1600S 425E | 1.1 | 19 | 242 | 3.1 | 13 | 41590 | 2785 | 2 | 27 | 11 | 46.3 | 118 | 10 |
| 1600S 450E | .9 | 10 | 115 | 3.6 | 11 | 43690 | 784 | 1 | 8 | 8 | 57.1 | 103 | 5 |
| 1600S 475E | 1.0 | 11 | 133 | 4.3 | 15 | 51470 | 1217 | 1 | 9 | 10 | 79.9 | 109 | 5 |
| 1600S 500E | 1.2 | 11 | 134 | 4.1 | 13 | 50610 | 798 | 2 | 6 | 11 | 83.3 | 131 | 10 |
| 1600S 525E | 1.1 | 10 | 225 | 3.5 | 11 | 40010 | 556 | 3 | 15 | 9 | 76.2 | 131 | 5 |
| 1600S 550E | 1.5 | 10 | 181 | 4.8 | 14 | 52480 | 815 | 2 | 14 | 19 | 105.9 | 111 | 5 |
| 1600S 575E | 1.0 | 13 | 811 | 2.0 | 5 | 23250 | 194 | 1 | 4 | 7 | 42.5 | 68 | 5 |
| 1600S 625E | 1.0 | 11 | 216 | 3.3 | 10 | 32720 | 1055 | 1 | 8 | 8 | 57.0 | 99 | 10 |
| 1600S 650E | 1.0 | 25 | 112 | 3.3 | 17 | 66400 | 843 | 3 | 14 | 26 | 44.0 | 248 | 10 |
| 1600S 675E | 1.2 | 6 | 297 | 4.5 | 16 | 58190 | 1150 | 2 | 11 | 11 | 108.1 | 123 | 5 |
| 1600S 725E | 1.6 | 5 | 341 | 6.0 | 21 | 69140 | 1609 | 3 | 5 | 12 | 166.2 | 188 | 5 |
| 1600S 750E | 1.2 | 10 | 256 | 5.3 | 14 | 57700 | 538 | 1 | 5 | 12 | 110.1 | 145 | 5 |
| 1600S 775E | 1.5 | 9 | 180 | 3.4 | 12 | 40840 | 531 | 2 | 13 | 9 | 90.7 | 158 | 5 |
| 1600S 800E | 1.3 | 25 | 139 | 2.5 | 13 | 47100 | 676 | 2 | 9 | 11 | 100.6 | 109 | 5 |
| 1600S 825E | .9 | 11 | 187 | 3.4 | 11 | 53990 | 462 | 1 | 5 | 15 | 86.2 | 103 | 10 |

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SE | V | ZN | AU-PPB |
|-----------------|-----|------|-----|-------|-----|--------|------|----|-----|----|-------|-----|--------|
| 1600S 850E | 1.0 | 14 | 182 | 3.1 | 11 | 47350 | 515 | 2 | 9 | 11 | 86.0 | 114 | 5 |
| 1600S 900E | 1.1 | 15 | 214 | 3.8 | 15 | 43920 | 600 | 3 | 16 | 12 | 88.1 | 139 | 5 |
| 1600S 925E | 1.5 | 24 | 214 | 6.2 | 19 | 54560 | 848 | 2 | 13 | 13 | 105.2 | 174 | 5 |
| 1600S 950E | 1.0 | 17 | 193 | 2.8 | 11 | 35210 | 325 | 2 | 5 | 8 | 78.3 | 113 | 5 |
| 1600S 975E | 1.2 | 12 | 155 | 4.7 | 16 | 51170 | 756 | 3 | 12 | 12 | 90.7 | 112 | 10 |
| 1600S 1000E | 1.2 | 6 | 255 | 4.3 | 14 | 50540 | 604 | 3 | 10 | 11 | 98.1 | 146 | 5 |
| 1600S 1025E | .9 | 35 | 218 | 5.8 | 21 | 55340 | 867 | 3 | 16 | 9 | 109.5 | 148 | 5 |
| 1600S 1050E | 1.3 | 2 | 293 | 5.4 | 14 | 48370 | 1022 | 3 | 6 | 10 | 91.5 | 245 | 5 |
| 1600S 1075E | 1.0 | 9 | 255 | 4.0 | 11 | 48550 | 649 | 1 | 10 | 9 | 82.6 | 134 | 10 |
| 1600S 1100E | 1.0 | 10 | 163 | 3.6 | 12 | 49180 | 429 | 3 | 15 | 9 | 93.0 | 132 | 5 |
| 1600S 1125E | .9 | 3 | 223 | 3.2 | 14 | 52530 | 649 | 3 | 4 | 7 | 101.6 | 137 | 15 |
| 1600S 1150E | .8 | 13 | 242 | 8.0 | 34 | 64210 | 901 | 4 | 6 | 8 | 86.1 | 115 | 10 |
| 1600S 1175E | 1.0 | 28 | 304 | 8.2 | 33 | 63540 | 849 | 2 | 4 | 7 | 72.3 | 91 | 5 |
| 1600S 1200E | 1.3 | 15 | 245 | 3.5 | 16 | 47460 | 637 | 1 | 5 | 11 | 95.4 | 85 | 5 |
| 1600S 1225E | .9 | 20 | 191 | 4.0 | 15 | 48130 | 416 | 1 | 8 | 8 | 68.3 | 94 | 5 |
| 1600S 1250E | 1.5 | 34 | 171 | 5.4 | 14 | 53180 | 424 | 1 | 14 | 13 | 73.3 | 165 | 10 |
| 1600S 1275E | 1.9 | 5520 | 452 | 110.3 | 11 | 69370 | 687 | 2 | 113 | 78 | 36.8 | 562 | 115 |
| 1600S 1300E | 1.4 | 38 | 227 | 6.9 | 15 | 43760 | 1075 | 3 | 11 | 11 | 67.9 | 349 | 5 |
| ROAD 025W | .7 | 76 | 142 | 14.5 | 30 | 65720 | 715 | 4 | 15 | 12 | 94.1 | 74 | 5 |
| ROAD 050W | .9 | 282 | 183 | 18.3 | 88 | 60020 | 550 | 1 | 9 | 53 | 67.7 | 108 | 50 |
| ROAD 075W | .4 | 20 | 101 | 14.0 | 55 | 147530 | 406 | 1 | 5 | 13 | 39.2 | 75 | 10 |
| ROAD 100W | .4 | 60 | 45 | 9.1 | 32 | 33540 | 262 | 1 | 21 | 20 | 13.4 | 23 | 5 |
| ROAD 125W | .1 | 15 | 62 | 17.1 | 137 | 126010 | 1386 | 3 | 15 | 5 | 9.3 | 23 | 30 |
| ROAD 150W | 1.2 | 16 | 131 | 12.3 | 40 | 60000 | 532 | 5 | 22 | 12 | 78.0 | 57 | 5 |
| ROAD 175W | 1.8 | 163 | 331 | 11.6 | 21 | 130880 | 516 | 6 | 24 | 14 | 179.4 | 110 | 5 |
| ROAD 200W | 1.9 | 7 | 300 | 11.5 | 36 | 82830 | 800 | 1 | 9 | 14 | 125.7 | 124 | 10 |
| ROAD 225W | 1.1 | 71 | 551 | 10.9 | 28 | 93000 | 667 | 4 | 29 | 8 | 137.7 | 63 | 15 |
| ROAD 250W | 1.9 | 32 | 165 | 9.3 | 48 | 95600 | 1088 | 1 | 19 | 12 | 114.4 | 147 | 85 |
| ROAD 275W | 1.5 | 266 | 106 | 12.2 | 37 | 72930 | 780 | 2 | 16 | 9 | 86.6 | 152 | 50 |
| ROAD 300W | 1.5 | 151 | 96 | 12.2 | 60 | 104100 | 1170 | 4 | 19 | 12 | 90.9 | 115 | 240 |

COMPANY: AVIND MINES

PROJECT NO: OLYMPIC

ATTENTION: J. CHRISTOFFERSON

MIN-EN LABS ICF REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

1604 990-5814 OR 1604 988-4524

(ACT:FC1) PAGE 1 OF 1

FILE NO: 7-1117/P20

DATE: SEPT 3, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | CU-PPB |
|-----------------|-----|------|-----|------|----|--------|------|----|----|----|-------|-----|--------|
| ROAD 350W | .9 | 140 | 105 | 12.0 | 77 | 117170 | 1121 | 6 | 8 | 8 | 94.5 | 145 | 70 |
| ROAD 375W | 1.1 | 1606 | 114 | 34.1 | 42 | 68040 | 1012 | 3 | 15 | 8 | 75.0 | 107 | 155 |
| ROAD 400W | 1.5 | 65 | 111 | 12.4 | 31 | 70910 | 1212 | 2 | 11 | 14 | 124.1 | 208 | 35 |
| ROAD 425W | 1.3 | 36 | 94 | 10.8 | 28 | 67430 | 1103 | 1 | 23 | 12 | 116.4 | 232 | 5 |
| ROAD 450W | 1.7 | 126 | 84 | 12.5 | 30 | 67360 | 1388 | 2 | 7 | 14 | 116.7 | 257 | 50 |
| ROAD 475W | 1.3 | 50 | 71 | 9.9 | 22 | 53260 | 884 | 1 | 18 | 10 | 87.9 | 235 | 40 |
| ROAD 550W | 1.7 | 313 | 196 | 11.4 | 19 | 48330 | 594 | 3 | 13 | 12 | 62.8 | 129 | 5 |
| ROAD 650W | .8 | 12 | 322 | 5.8 | 13 | 51490 | 1607 | 1 | 9 | 13 | 61.4 | 198 | 5 |
| ROAD 675W | 1.0 | 31 | 267 | 5.7 | 14 | 56800 | 1225 | 2 | 22 | 14 | 71.9 | 157 | 5 |
| ROAD 700W | .6 | 14 | 259 | 6.1 | 15 | 58950 | 1317 | 1 | 13 | 14 | 72.5 | 172 | 10 |
| ROAD 725W | 1.0 | 28 | 244 | 5.6 | 14 | 55700 | 1391 | 3 | 12 | 14 | 72.1 | 141 | 5 |
| ROAD 750W | 1.3 | 6 | 291 | 6.1 | 14 | 52320 | 1508 | 3 | 17 | 15 | 69.7 | 163 | 5 |
| ROAD 775W | .8 | 4 | 265 | 5.5 | 13 | 55460 | 1194 | 3 | 17 | 13 | 71.4 | 149 | 5 |
| ROAD 800W | .9 | 1 | 447 | 6.2 | 15 | 54370 | 1928 | 4 | 14 | 15 | 70.3 | 268 | 5 |
| ROAD 825W | 1.0 | 19 | 298 | 6.4 | 13 | 54500 | 1099 | 1 | 12 | 13 | 67.5 | 142 | 5 |
| ROAD 850W | 1.0 | 3 | 308 | 6.0 | 15 | 54280 | 1450 | 3 | 12 | 20 | 74.5 | 152 | 10 |
| ROAD 875W | .9 | 1 | 296 | 6.0 | 14 | 53670 | 1311 | 1 | 21 | 13 | 73.6 | 154 | 5 |
| ROAD 900W | .6 | 16 | 383 | 6.7 | 16 | 56500 | 1537 | 1 | 7 | 17 | 72.2 | 160 | 5 |
| ROAD 925W 40M | 1.0 | 7 | 251 | 5.2 | 14 | 54160 | 1236 | 3 | 9 | 10 | 75.5 | 124 | 5 |
| ROAD 950W | 1.0 | 40 | 398 | 8.7 | 21 | 60630 | 1403 | 2 | 16 | 15 | 79.4 | 205 | 10 |
| ROAD 975W | .9 | 15 | 241 | 5.9 | 14 | 53970 | 1435 | 2 | 12 | 15 | 75.3 | 133 | 5 |
| ROAD 1000W | 1.0 | 28 | 214 | 4.1 | 12 | 43110 | 557 | 1 | 7 | 13 | 71.4 | 159 | 5 |
| 1500S-725E | 1.1 | 10 | 181 | 3.6 | 13 | 48370 | 631 | 2 | 11 | 11 | 100.2 | 129 | 5 |
| 1500S-750E | 1.0 | 10 | 230 | 3.3 | 13 | 46190 | 1013 | 1 | 11 | 10 | 91.2 | 115 | 5 |
| 1500S-775E | .7 | 11 | 139 | 3.6 | 11 | 44540 | 401 | 1 | 14 | 10 | 87.8 | 72 | 10 |
| 1500S-800E | 1.0 | 17 | 130 | 3.1 | 11 | 45930 | 549 | 2 | 13 | 12 | 97.0 | 107 | 5 |
| 1500S-825E | 1.0 | 10 | 112 | 4.1 | 13 | 48740 | 555 | 3 | 8 | 12 | 98.1 | 96 | 5 |
| 1500S-850E | 1.0 | 13 | 116 | 3.0 | 12 | 49860 | 522 | 3 | 7 | 10 | 105.2 | 109 | 5 |
| 1500S-875E | 1.3 | 7 | 219 | 4.6 | 17 | 46130 | 2056 | 3 | 8 | 11 | 88.0 | 138 | 5 |
| 1500S-900E | .9 | 7 | 187 | 3.7 | 14 | 52490 | 878 | 3 | 10 | 12 | 104.5 | 110 | 5 |
| 1500S-925E | 1.0 | 16 | 254 | 3.3 | 11 | 46750 | 347 | 3 | 4 | 11 | 81.0 | 156 | 5 |

COMPANY: AVING MINES

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: OLYMPIC

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 7-1117/P21

ATTENTION: J. CHRISTOFFERSON

(604) 980-5814 OR (604) 988-4524

* TYPE SOIL GEOCHEM *

DATE: SEPT 3, 1987

| (VALUES IN PPM) | AG | AS | BA | CD | CO | FE | MN | MO | PB | SB | V | ZN | AU-PPB |
|-----------------|-----|----|-----|------|----|--------|------|----|----|----|-------|-----|--------|
| 700S 1325E | 1.1 | 2 | 190 | 4.9 | 28 | 65790 | 333 | 5 | 16 | 10 | 105.6 | 117 | 5 |
| 700S 1350E | .6 | 42 | 172 | 7.9 | 32 | 52650 | 384 | 3 | 15 | 10 | 98.1 | 201 | 5 |
| 700S 1375E | 1.0 | 24 | 247 | 6.2 | 32 | 58780 | 412 | 1 | 19 | 11 | 116.1 | 121 | 5 |
| 700S 1400E | 1.3 | 29 | 214 | 10.1 | 27 | 52680 | 415 | 2 | 5 | 17 | 102.7 | 111 | 10 |
| 700S 1425E | 1.1 | 31 | 157 | 6.9 | 23 | 59950 | 350 | 5 | 23 | 21 | 101.0 | 104 | 5 |
| 700S 1450E | 1.0 | 47 | 256 | 10.7 | 22 | 57120 | 482 | 5 | 26 | 20 | 108.8 | 131 | 5 |
| 700S 1475E | .6 | 7 | 275 | 10.6 | 23 | 73450 | 498 | 4 | 27 | 18 | 138.9 | 53 | 5 |
| 700S 1500E | 1.0 | 69 | 151 | 10.4 | 43 | 103220 | 1144 | 3 | 32 | 16 | 166.7 | 77 | 5 |

APPENDIX 6

References

- (1) Roddick and Hutchinson; Pemberton East-half Map Area, British Columbia, Geological Survey of Canada, Paper 73 73-17.
- (2) Church, N.; Geology & Mineralization of the Bridge River Mining Camp; BCDM Paper 1987-1-p. 23-29.
- (3) B.C. Dep't of Mines; Annual Reports 1936, 1937, 1940.
- (4) Montgomery Consultants Ltd., Geological, Geochemical and Geophysical Report on the Minto Mine Property - Sept. 20, 1985.
- (5) Noranda Exploration Co.; Geological, Geophysical and Geochemical Report on the Olympic Property - Oct. 29, 1980.
- (6) Noranda Exploration Co., Diamond Drill Report on the Olympic Property - December, 1980.
- (7) Lacana Mining Corp.; Report on Geochemical Sampling on the Olympic - Kelvin Claims - August, 1983.
- (8) Lacana Mining Corp.; Report on Diamond Drilling on Olympic - Kelvin Claims - July 11, 1984.
- (9) Tully, D.W.; Report on the Kelvin Mineral Claims for Redwood Resources Inc. - Sept. 26, 1985.
- (10) Tully, D.W.; Report on the Olympic Claims for Big I Developments Ltd. - Sept. 25, 1985.
- (11) McLeod, J.W.; Geological and Geochemical Report on the E.D.B. Claim Group, Gold Bridge Area, B.C. for Big I Developments Ltd. and Redwood Resources Inc. - March 3, 1986.

TABLE 1
MINTO CLAIM LIST

| <u>Name</u> | <u>Type</u> | <u>Record</u> | <u>Lot</u> | <u>Expiry Date</u> |
|-----------------|-------------|---------------|------------|-------------------------------|
| Omega | CG | | 5600 | 31 Dec. 88 ✓ |
| Omega 1 | CG | | 5601 | 31 Dec. 88 ✓ |
| Omega 2 | CG | | 5602 | 31 Dec. 88 ✓ |
| Omega 3 | CG | | 5603 | 31 Dec. 88 ✗ |
| Omega 4 | CG | | 5604 | 31 Dec. 88 ✓ <i>trenching</i> |
| Alpha Fr. | CG | | 5719 | 31 Dec. 88 ✓ |
| Jack Fr. | CG | | 7078 | 31 Dec. 88 ✓ |
| Golden Girl | CG | | 3660 | 31 Dec. 88 ✓ |
| Hillside Ext. 1 | RCG | 2933 | 3661 | 26 Jul. 96 ✗ |
| Hillside Ext. 2 | RCG | 2967 | 3662 | 27 Aug. 96 ✗ |
| Minto Fr. | RCG | 2968 | 3664 | 27 Aug. 96 ✓ <i>trenching</i> |
| Prince | RCG | 2969 | 3665 | 27 Aug. 96 ✗ |
| Frank Fr. | RCG | 2970 | 3666 | 27 Aug. 96 ✗ |
| Hagmo | RCG | 2971 | 3667 | 27 Aug. 96 ✗ |
| Ex Fr. | RCG | 2972 | 3670 | 27 Aug. 96 ✗ |
| Ome Fr. | RCG | 2973 | 5718 | 27 Aug. 96 ✗ |
| Golden Queen | RCG | 3542 | 6323 | 15 Jul. 88 ✗ |
| Helm Fr. | RCG | 3543 | 6328 | 15 Jul. 88 ✗ |
| Jumper | LMC | 3509 | | 29 Jul. 88 ✗ |

CG = Crown Grant
RCG = Reverted Crown Grant
LMC = Located Mineral Claim

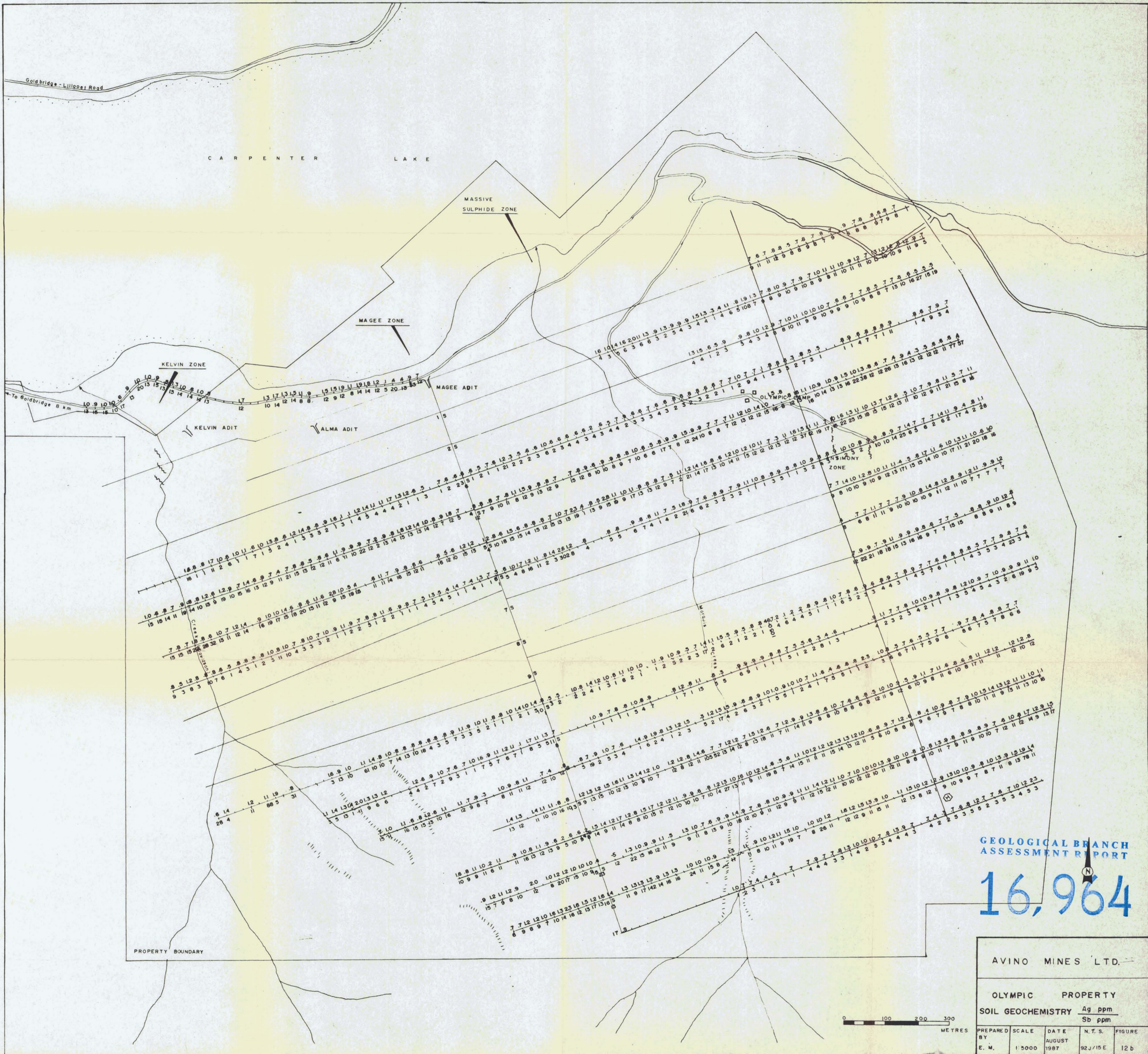
✓ - work done on these claims in 1987

TABLE 2

OLYMPIC CLAIM LIST

| <u>Claim Name</u> | <u>Record No.</u> | <u>Lot No.</u> | <u>Expiry Date</u> |
|----------------------|-------------------|--------------------|--------------------------------|
| ALPHA #1) & #2) | 813 | L5605 ✓ L5712 ✓ | July 03, 1992 July 03, 1992 |
| ALPHA #3 | 893 | L5713 X | Sept. 17, 1992 |
| ALTA #1 | 695 | L6265 ✓ | Nov. 08, 1992 |
| ALTA #2 | 696 | L6266 ✓ | Nov. 08, 1992 |
| ALTA #3 | 704 | L6268 ✓ | Nov. 23, 1992 |
| ALTA #4 | 697 | L6267 ✓ | Nov. 23, 1992 |
| ALTA #5 | 536 | L6270 ✓ | Sept. 19, 1992 |
| ALTA #6 | 535 | L6269 ✓ | Sept. 19, 1992 |
| ALTA #7 | 538 | L6272 ✓ | Sept. 19, 1992 |
| ALTA #8 | 537 | L6271 ✓ | Sept. 19, 1992 |
| ALTA #1 Fr. | 699 | L6282 ✓ | Nov. 08, 1992 |
| ALTA #2 Fr. | 547 | L6283 ✓ | Sept. 19, 1992 |
| HILLSIDE #1 | 539 | L6273 ✓ | Sept. 19, 1992 |
| HILLSIDE #2 | 540 | L6274 ✓ | Sept. 19, 1992 |
| HILLSIDE #3 | 543 | L6277 ✓ | Sept. 19, 1992 |
| HILLSIDE #5 | 544 | L6278 ✓ | Sept. 19, 1992 |
| HILLSIDE #6 | 545 | L6279 ✓ | Sept. 19, 1992 |
| HILLSIDE #7 | 698 | L6280 ✓ | Nov. 08, 1992 |
| HILLSIDE #8 | 548 | L6281 ✓ | Sept. 19, 1992 |
| HILLSIDE EXT. #3 | 542 | L6276 ✓ | Sept. 19, 1992 |
| HILLSIDE EXT. #4 | 541 | L6275 ✓ | Sept. 19, 1992 |
| JHANTA Fr. | 2376 | | Apr. 11, 1990 |
| MELLISANDE | 1246 | | Feb. 25, 1990 |

✓ - work done on these claims in 1987

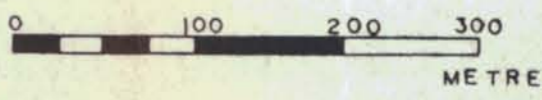


GEOLOGICAL BRANCH
ASSESSMENT REPORT

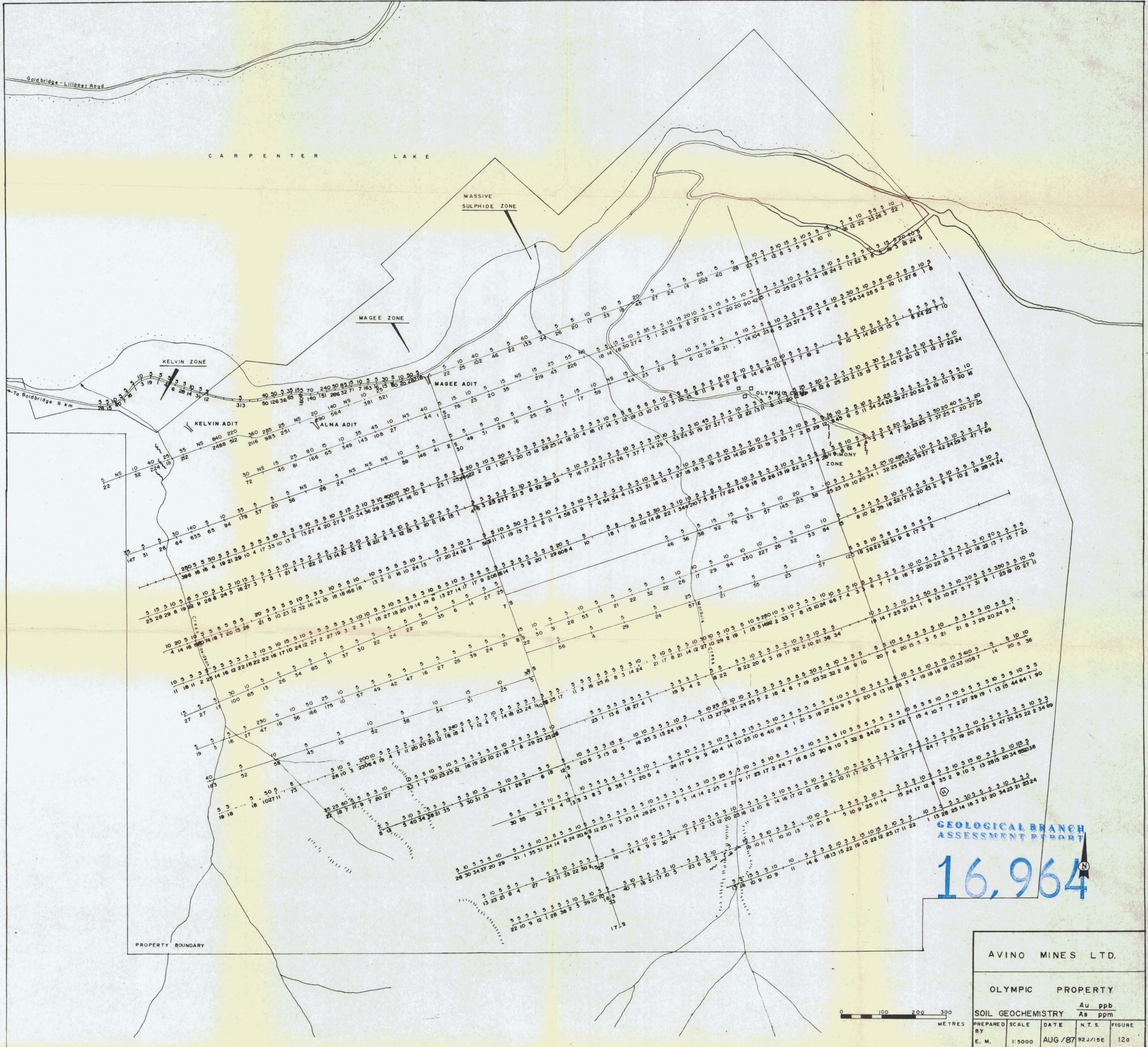
16,964

AVINO MINES LTD.

OLYMPIC PROPERTY
SOIL GEOCHEMISTRY Ag ppm
Sb ppm



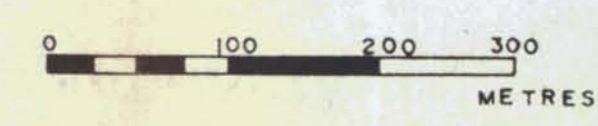
| | | | | |
|-------------|--------|-------------|---------|--------|
| PREPARED BY | SCALE | DATE | N.T.S. | FIGURE |
| E. W. | 1:5000 | AUGUST 1987 | 92J/15E | 12 b |



GEOLOGICAL BRANCH
ASSESSMENT REPORT

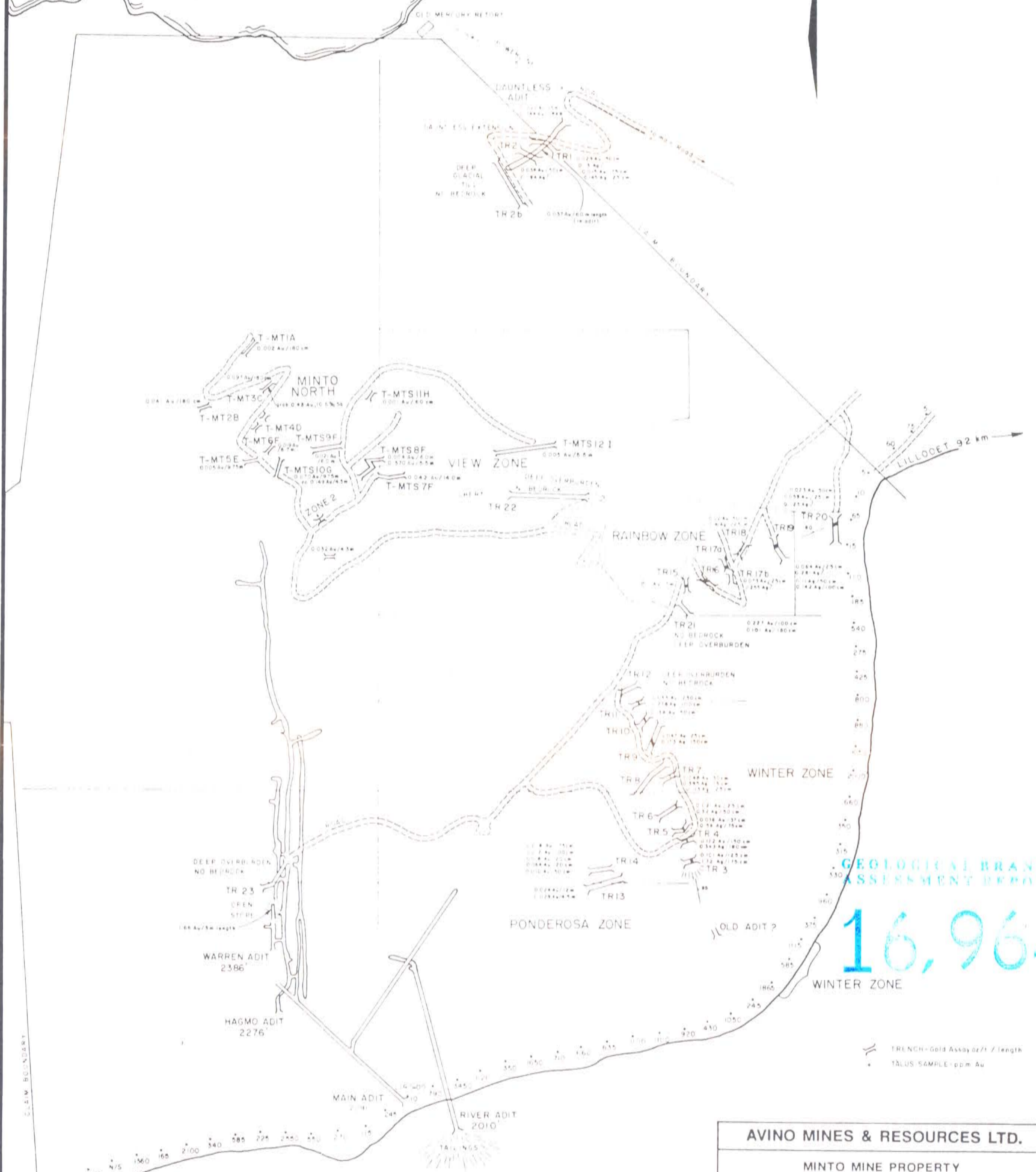
16,964

| | | | | |
|-------------------|--------|--------|---------|------------------|
| AVINO MINES LTD. | | | | |
| OLYMPIC PROPERTY | | | | |
| SOIL GEOCHEMISTRY | | | | Au ppb As ppm |
| PREPARED BY | SCALE | DATE | N.T.S. | FIGURE |
| E. M. | 1:5000 | AUG/87 | 92J/15E | 12G |





MOWSON POND



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,964

— TRENCH - Gold Assay oz/t / length
• TALUS SAMPLE - ppm Au

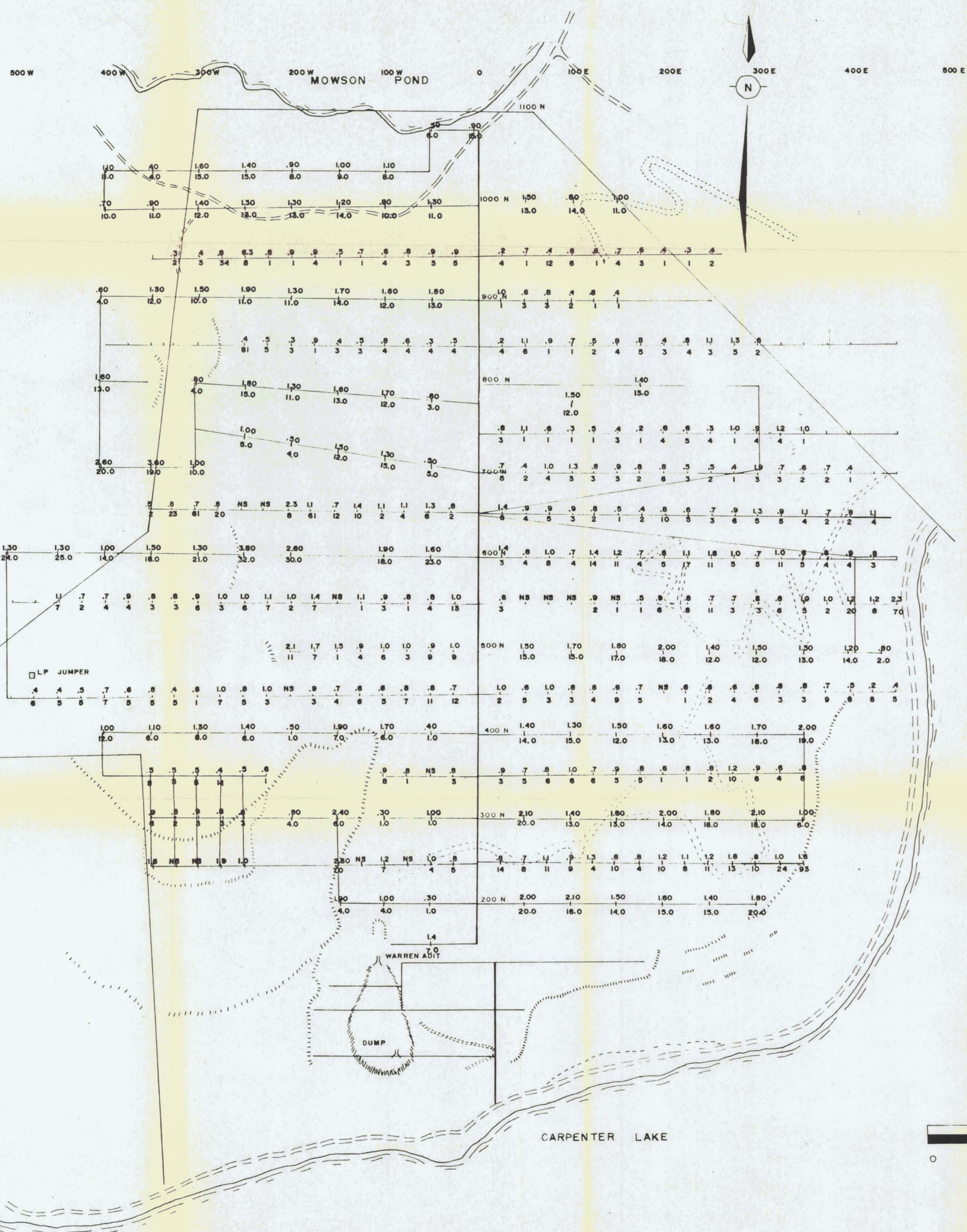


AVINO MINES & RESOURCES LTD.

MINTO MINE PROPERTY

**EXCAVATOR TRENCHING AND
TALUS SAMPLING**

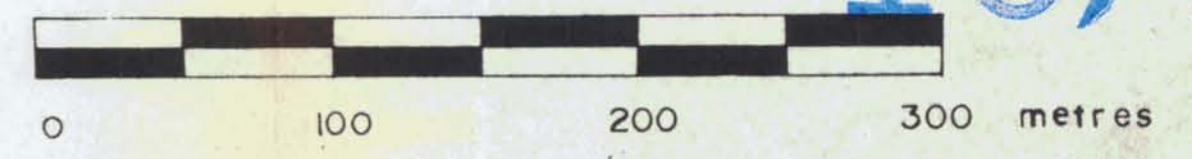
| | | |
|----------------|-----------------|---------|
| BY J. ROBINS | SCALE 1:2,500 | FIG. 11 |
| DATE DEC. 1987 | DRAWN J.R. d.w. | |



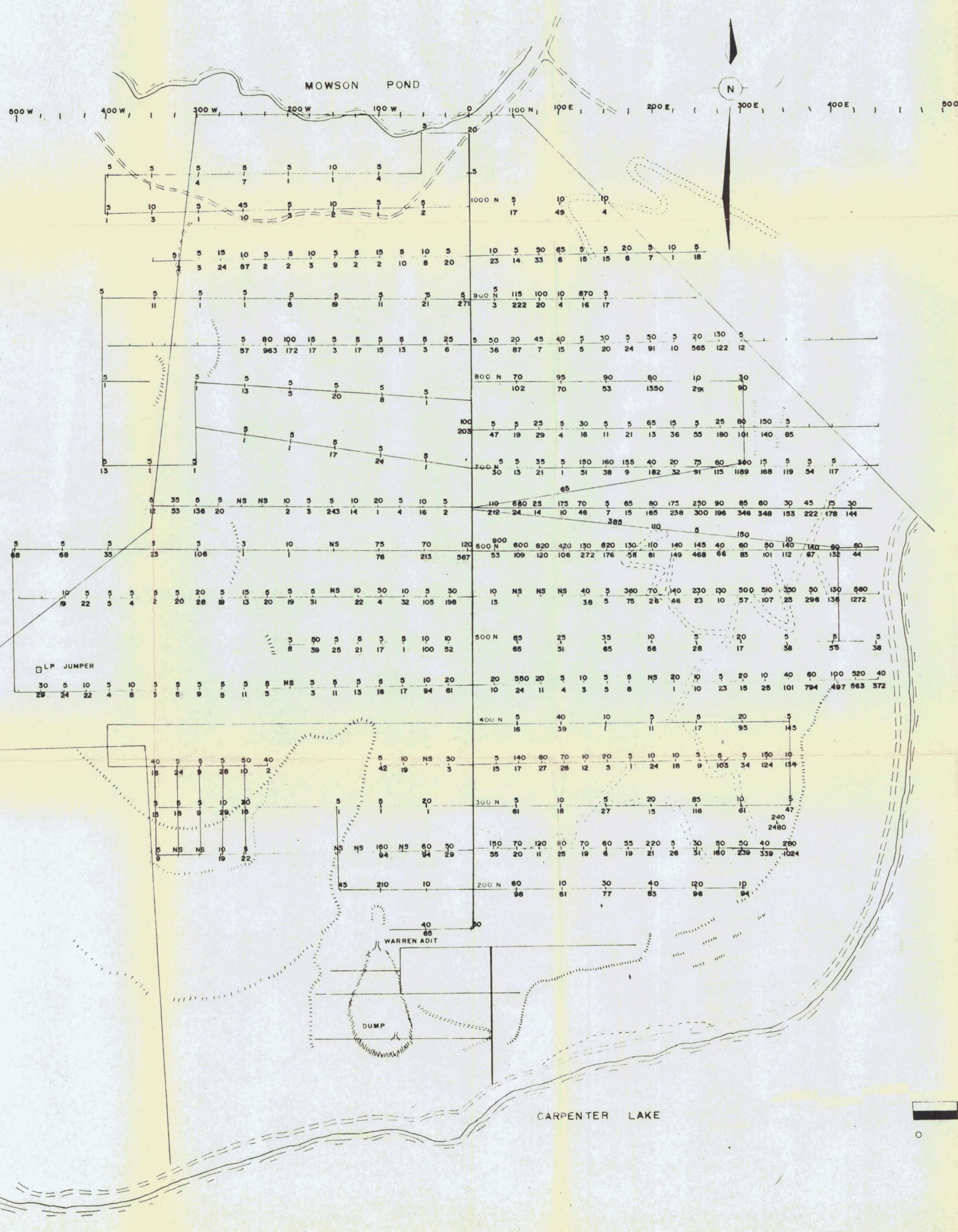
AVINO MINES & RESOURCES LTD.
 MINTO MINE PROPERTY
 SOIL Ag ppm
 GEOCHEMISTRY Sb ppm

NTS: 92 J/15 SCALE: 1:2500
 DATE: AUGUST 1987 DRAWN: E.M. **GEOLOGICAL BRANCH ASSESSMENT REPORT**

16,964



TO GOLD BRIDGE



TO GOLD BRIDGE

| | |
|------------------------------|---------------|
| AVINO MINES & RESOURCES LTD. | |
| MINTO MINE PROPERTY | |
| SOIL | Au ppb |
| GEOCHEMISTRY | As ppm |
| NTS 92 J/15 | SCALE: 1:2500 |
| DATE: AUGUST 1987 | DRAWN: E. M. |

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,964

