

ASSESSMENT WORK

AUGUST 18-24, 1983

SOIL GEOCHEMICAL SURVEY REPORT

FOR

INTERNATIONAL CHEROKEE DEVELOPMENTS LTD.

ON THE

S CLAIM (12 UNITS)

SLOCAN MINING DIVISION, BRITISH COLUMBIA

AT

LATITUDE: 49°44'N

LONGITUDE: 117°26'W

CLAIM MAP M82F/14W

20 January 1984

BY

E. AMENDOLAGINE, P.Eng.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

11,809

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MAPS

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| Au, Ag, As, Cu, Mo, Pb, Zn | | |

APPENDIX I

ACME LABORATORY ASSAY CERTIFICATE
SEVEN PLOTTED ASSAY PLANS

INTRODUCTION

The purpose of this report is to examine the "S" claim (12 units) by geochemical means to explore the gold-silver and other mineral potential of the claim. The claim lies in an area of old crown grants and claims that have been held for long periods of time.

There are crown grants that have yielded varying degrees of silver, lead, zinc and gold to the east, west, north and south of the "S" claim.

The old Republic No. 2 claim lies some 2 units to the west of the "S" claim and has a record of shipping some 13,299 oz. of Ag and 107 ozs. of Au. Ref. B.C. Minister of Mines Annual Reports of 1896, 1898, 1904, 1935, 1951 and 1952.

With the mineralization in close proximity to the west of the property it was decided to geochemically test the property to examine any mineralization that may be striking through the property area.

The following report covers a joint venture survey conducted on the two adjoining claims, the "R" to the north and the "S" to the south. The expenses have been proportioned to the properties.

The claims have a common boundary with the L.C.P. at the west end of the common boundary.

SUMMARY

A soil geochemistry survey was carried out during the period August 18-24, 1983 on the "S" claim in the Slocan Mining Division of British Columbia. The purpose of the survey was to test and examine the claim area for economical mineral deposits and was conducted with control lines consisting of a north-south baseline on the west boundary of the claims, with east lines measured eastward from the baseline. The lines are spaced 250 meters apart with stations and samples at 100 meter spacing on all the lines. There were 120 soil samples taken on the "S" claim and assayed for Au, Ag, As, Cu, Mo, Pb and Zn.

The soil geochemical survey statistical analysis indicates some weak anomalous conditions on the property. The major portion of the weak anomaly is concentrated in the southwestern portion of the claim with a general northeast strike.

It is recommended that a more detailed geochemical survey be completed on the property in conjunction with geology, VLF and magnetometer survey to search for the cause of the continuity and lineation of the anomalous area.

PROPERTY

The property consists of the "S" claim (12 units) as shown on Claim Map M82F/14W.

LOCATION

The claim is located 4 km northwest of Slocan, British Columbia, some two km east of Slocan Lake.

ACCESS

Access is some 6 km by road from the town of Slocan, east up Springer Creek and north up Scorpion Creek. The road passes on the west boudnary of the claim.

SURVEY PERFORMED

Line grid and soil geochemistry surveys were conducted on the property during the period August 18 to 24, 1983. This survey was conducted by Manny Consultants Ltd. with the assistance of:

Sab Amendolagine
Jamie Amendolagine
Pino Causicto

The line grid was established on the property and tied into the LCP in the northwest corner of the claim. The grid consisted of compass and chain and flagging lines.

The main baseline is the west boundary of the claim. The east lines are run off the baseline, and are spaced 250 meters apart.

The soil geochemistry survey used the line grid for control, and samples were taken at 100 meter spacings along the lines. The area is steep in places and difficult to traverse.

SOIL GEOCHEMISTRY SURVEY

Soil sampling was performed on an established grid at 100 meter intervals. The samples were taken with a mattock in the "B" horizon where possible. They were placed in bags and marked for grid location.

The samples for Au, As, Ag, Cu, Mo, Pb and Zn were assayed by Acme Analytical Laboratories in Vancouver, B.C., and the assay certificates follow after the statistical analyses. The assays are plotted on the plans and enclosed in this report.

The following is the laboratory methodology:

ACME ANALYTICAL LABORATORIES LTD
Assaying & Trace Analysis
852 E. Hastings St., Vancouver, B.C. V6A 1R8
Telephone: 253-3168

GEOCHEMICAL LABORATORY METHODOLOGY - 1982

Sample Preparation

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis (AA and ICP)

0.5 gram samples are digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Extracted metals are determined by:

A. Atomic Absorption (AA)

Ag*, Bi*, Cd*, Co, Cu, Fe, Ga, In, Mn, Mo, Ni, Pb, Sb*, Tl, V, Zn
(* denotes with background correction.)

B. Inductively Coupled Argon Plasma (ICP)

Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cu, Cr, Fe, K, La, Mg,
Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Geochemical Analysis for Au

10.0 gram samples that have been ignited overnight at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire Assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pb, Pt and Rh are determined in the solution by Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml. As is determined in the solution by Graphite Furnace Atomic Absorption (AA) or by Inductively Coupled Argon Plasma (ICP).

STATISTICAL ANALYSIS

The statistical analysis encompasses 222 soil sample assay results from the joint venture survey of the "R" claim and "S" claim.

The surveys were conducted simultaneously. The larger number of samples of the immediate area enhanced the statistical analysis interpretation.

The following are the statistical analysis of the 222 samples with a breakdown sheet followed by a contoured map of the "S" claim anomalous areas.

The assay results reported by Acme Laboratory are included in Appendix I with plotted assay result plans.

| ELEMENT | ASSAY RANGE | | NO OF SAMPLES |
|---------|-------------|---------|---------------|
| Gold | B.G. | 5 ppb | 201 |
| | Threshold | 10 | 9 |
| | Anomalous | 15-75 | 12 |
| Arsenic | B.G. | 0-15 | 176 |
| | Threshold | 16-17 | 18 |
| | Anomalous | 18-26 | 28 |
| Silver | B.G. | 0-.6 | 162 |
| | Threshold | 0.7 | 24 |
| | Anomalous | .8-2.9 | 18 |
| Lead | B.G. | 0-19 | 148 |
| | Threshold | 20-29 | 39 |
| | Anomalous | 30-80 | 35 |
| Zinc | B.G. | 0-399 | 172 |
| | Threshold | 400-499 | 36 |
| | Anomalous | 500-700 | 14 |

| | | | |
|--------|-----------|-------|-----|
| Copper | B.G. | 0-39 | 182 |
| | Threshold | 40-49 | 16 |
| | Anomalous | 50-79 | 24 |

| | | | |
|------------|-----------|-----|-----|
| Molybdenum | B.G. | 0-3 | 170 |
| | Threshold | 4 | 31 |
| | Anomalous | 5-7 | 21 |

L 6 S □ LCP

0 1E 2E 3E 4E 5E 6E 7E 8E 9E 10E 11E 12E 13E 14E 15E

L 7 S

L 8 S

L 9 S ○ . ○ ○

L 10 S

L 11 S ○

L 12 S ○

L 13 S ○

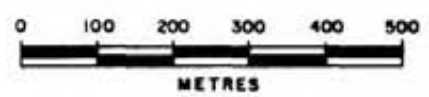


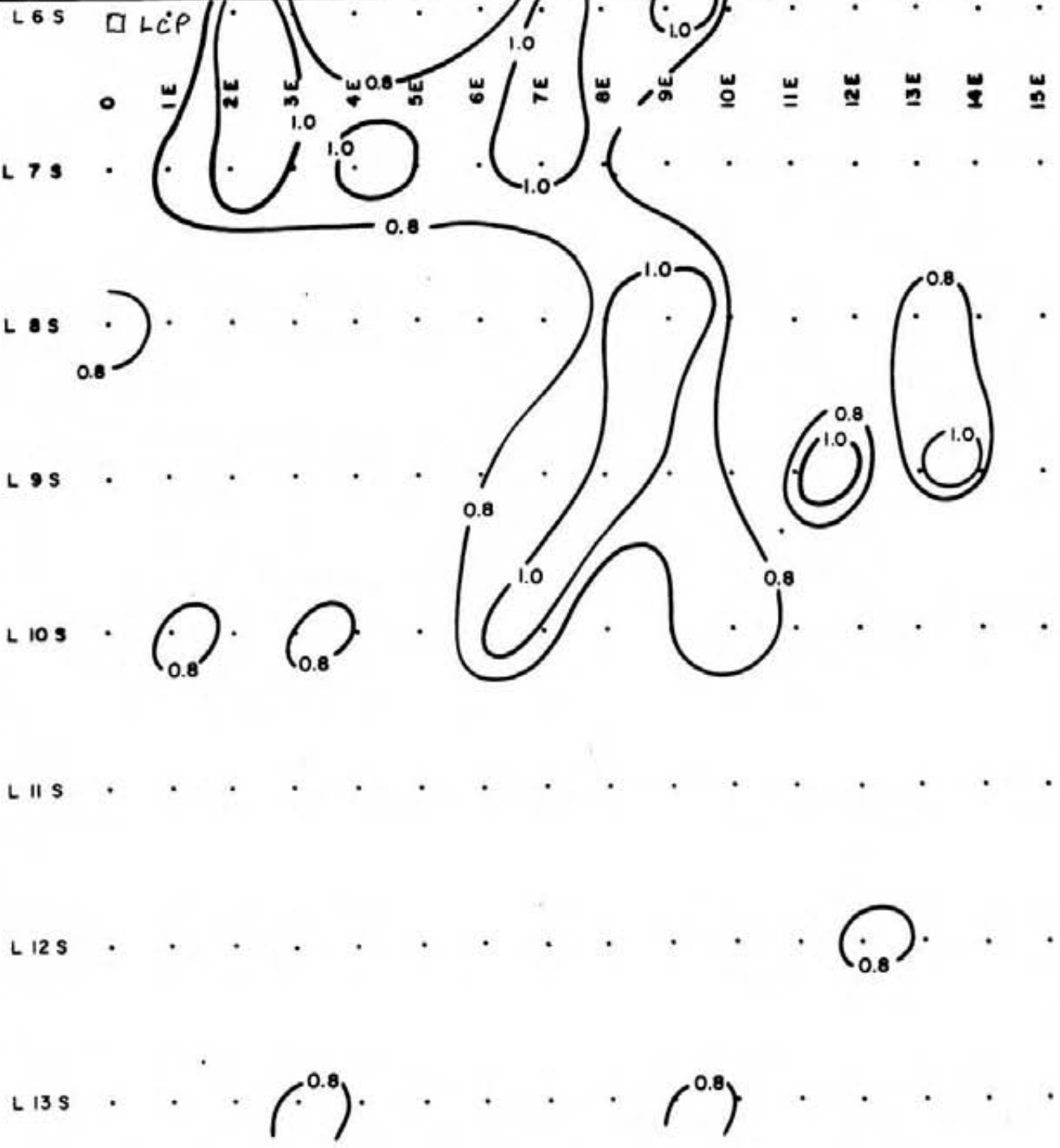
INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

S CLAIM
(12 UNITS)

Au ppb

SLOCAN MINING DIVISION, B.C.



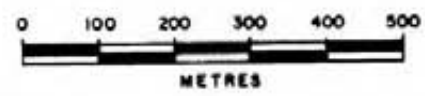


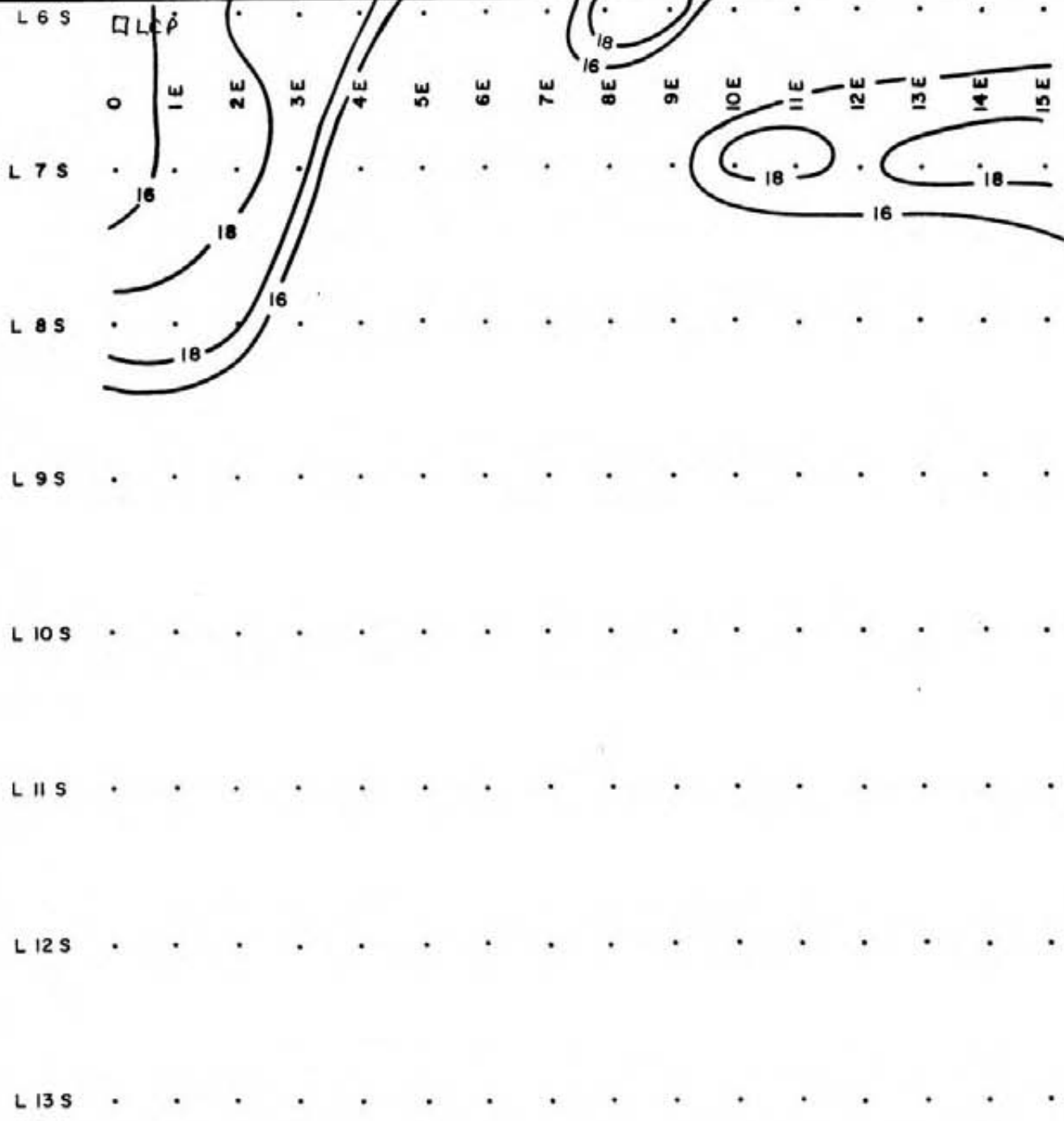
INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

S CLAIM
(12 UNITS)

Ag ppm

SLOCAN MINING DIVISION, B.C.



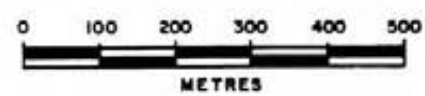


INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

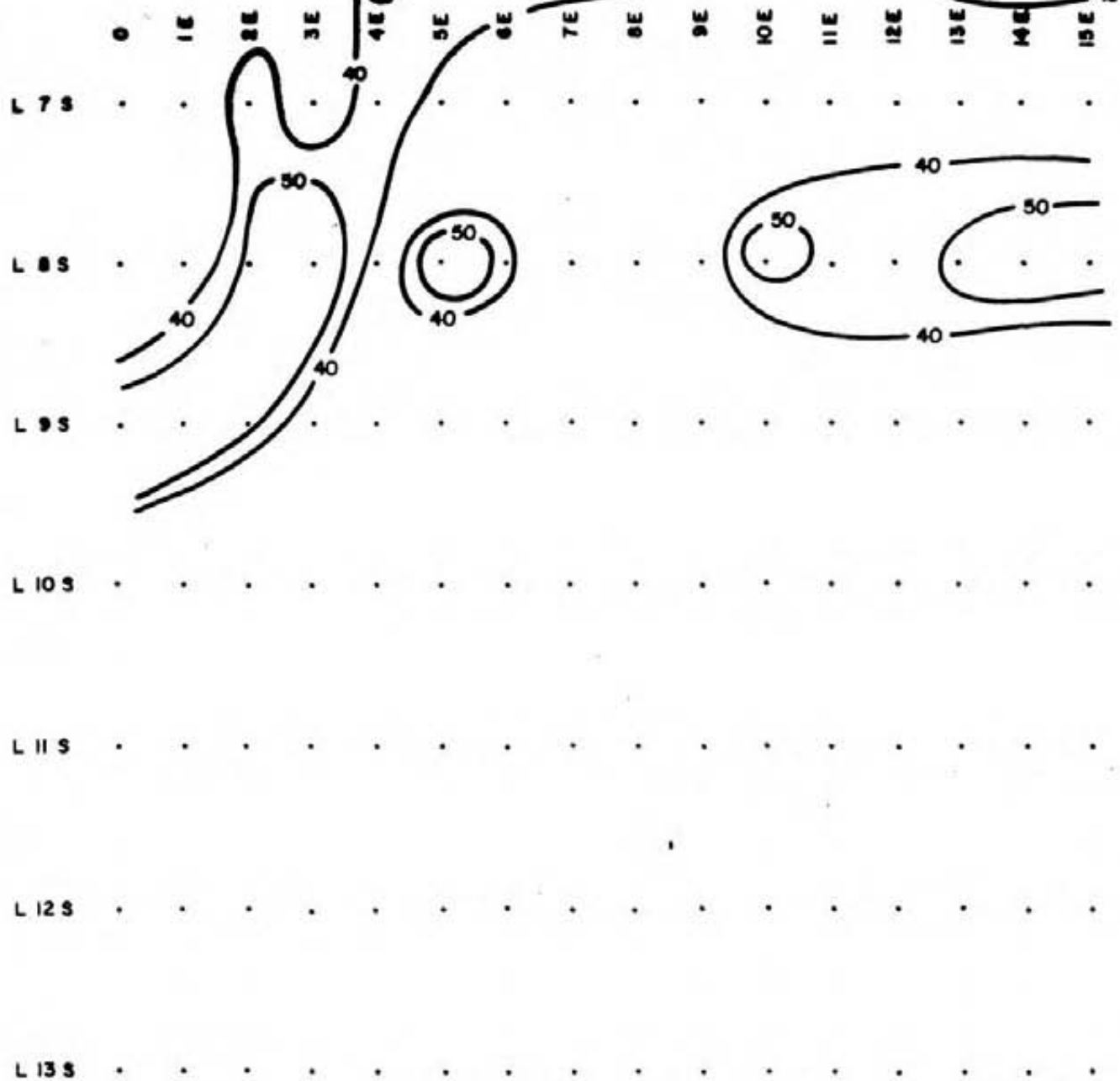
S CLAIM
(12 UNITS)

As ppm

SLOCAN MINING DIVISION, B.C.



L 6 S □ LCP

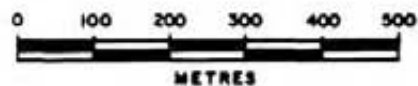


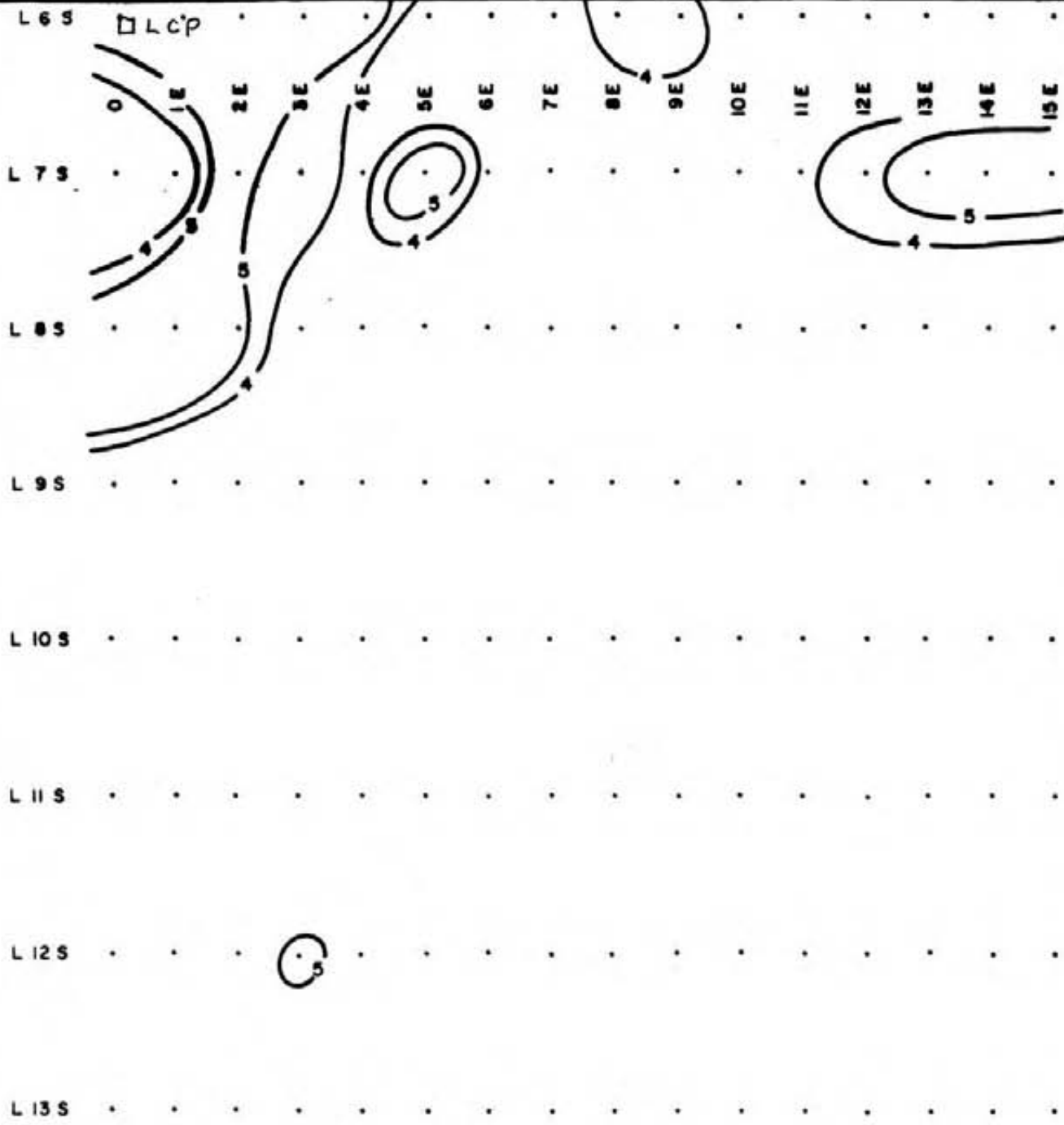
INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

S CLAIM
(12 UNITS)

Cu ppm

SLOCAN MINING DIVISION, B.C.



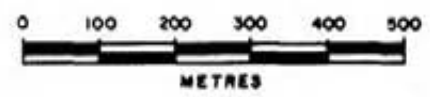


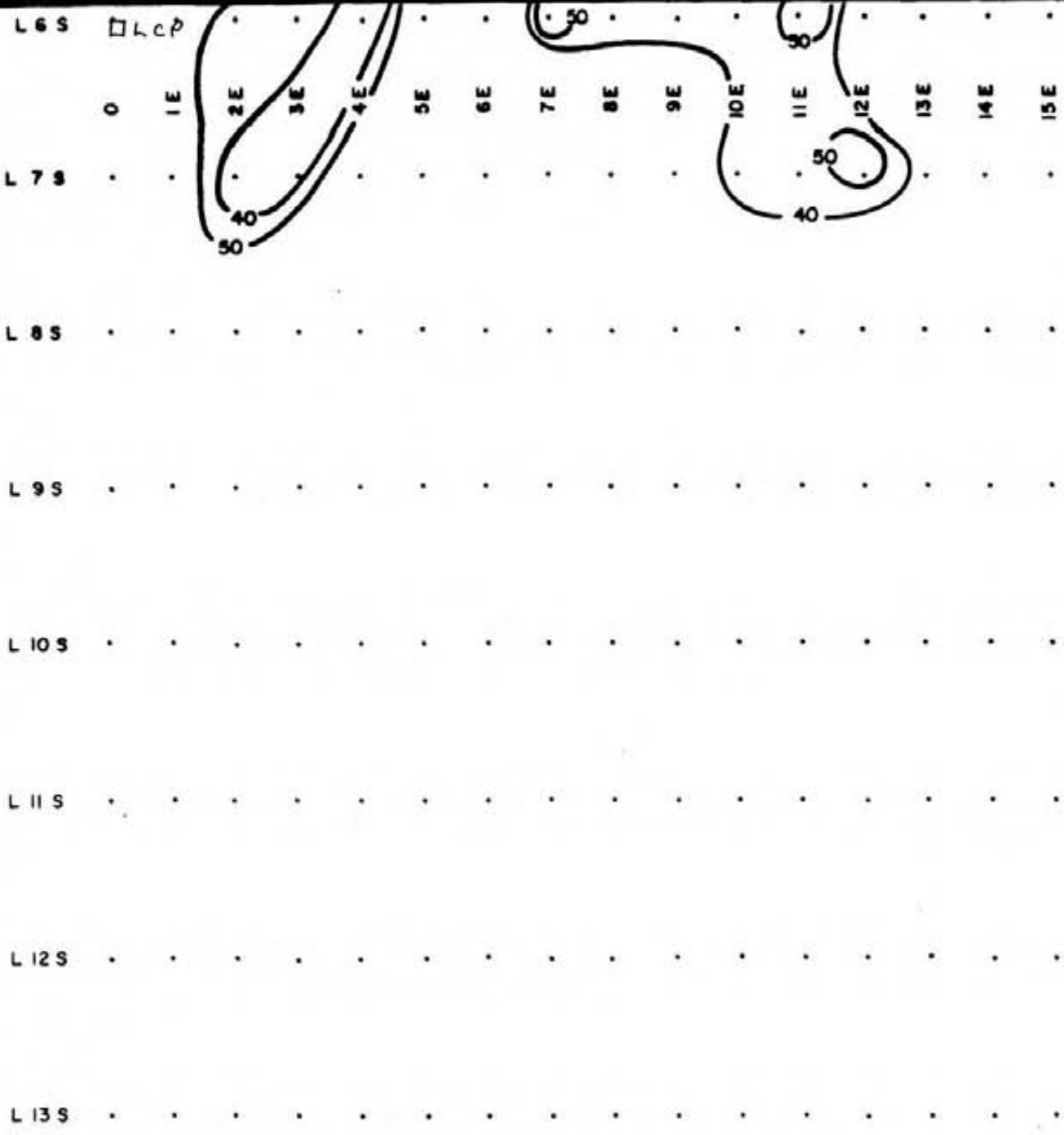
INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

S CLAIM
(12 UNITS)

Mo ppm

SLOCAN MINING DIVISION, B.C.



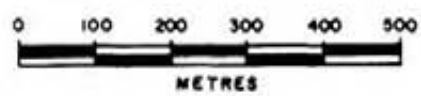


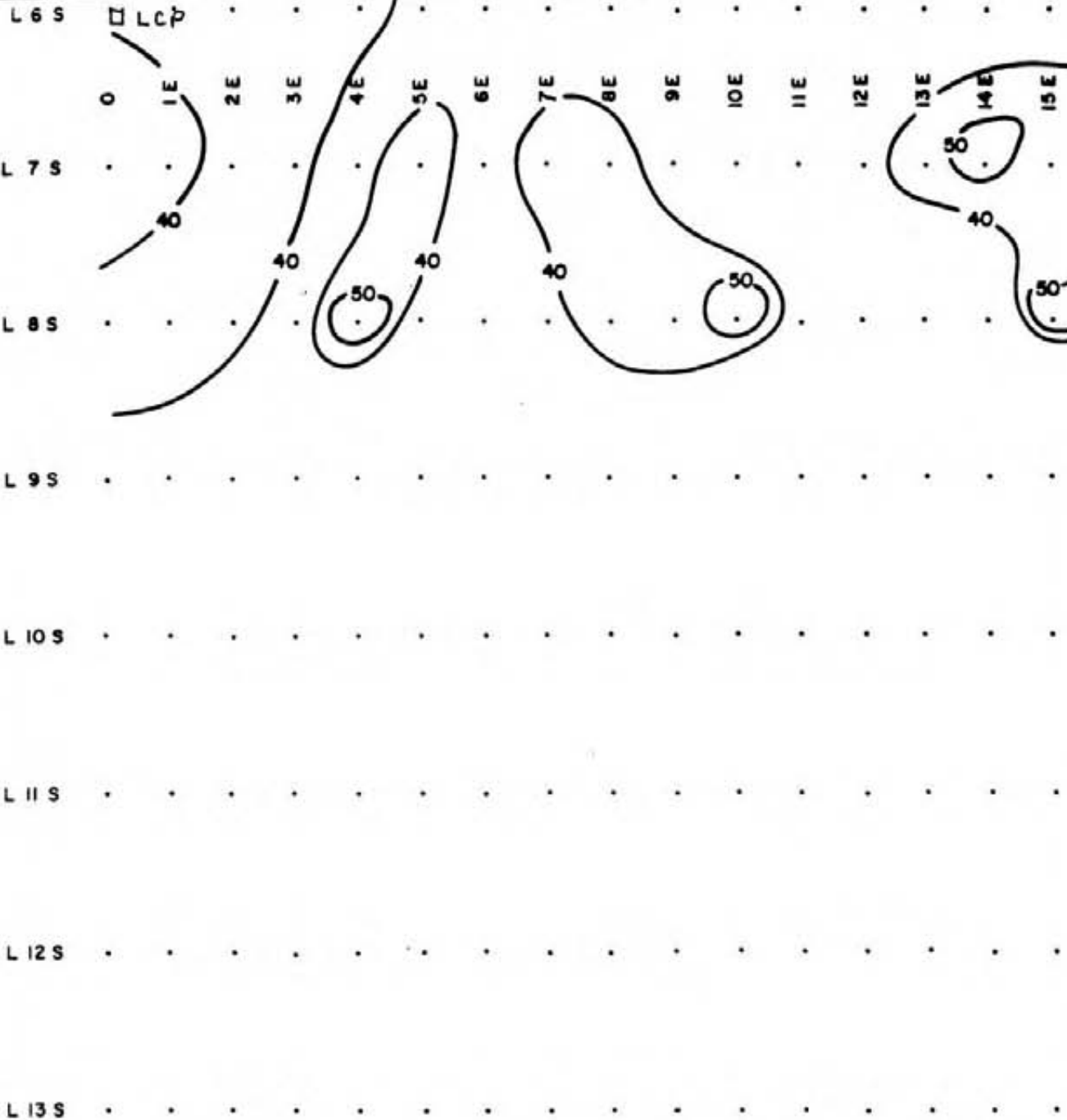
INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

S CLAIM
(12 UNITS)

Pb ppm

SLOCAN MINING DIVISION, B.C.





INTERNATIONAL CHEROKEE
DEVELOPMENTS LTD.

S CLAIM
(12 UNITS)

Zn ppm

SLOCAN MINING DIVISION, B.C.



CONCLUSIONS AND RCOMMENDATIONS

The soil geochemical survey revealed numerous weak anomalies.

The areas of more intense soil geochemical response lie mainly diagonally across the property from the southwest to the northeast corner. This area shows groups or spots of higher geochemical assays for all the elements.

The recommendations are to continue the geochemcial survey in a more detailed survey in conjunction with geology, VLF and magnetometer survey. The correlation of the survey information would determine any necessary program to follow.

The monies to complete these surveys would be some \$32,000.00.

Respectfully submitted,



E. Amendolagine, P.Eng.

Dated: 20 January 1984

COST BREAKDOWN

| | | |
|--|--------------------|--------------------|
| SAB AMENDOLAGINE | 18-24 August 1983 | \$ 900.00 |
| | 6 days @ \$150/day | |
| JAMES AMENDOLAGINE | 18-14 August 1983 | 600.00 |
| | 6 days @ \$100/day | |
| PINO CAUSICTO | 18-24 Aug/83 | 900.00 |
| | 6 days @ \$150/day | |
| | | <hr/> |
| | | \$ 2,400.00 |
| SURVEY CREW | | |
| Transportation, 4 x 4, Trans. & Fuel | | |
| 7 days @ \$35/day + \$ 203.80 | | 448.80 |
| Room and Board, 28 man days @ \$45/day | | 945.00 |
| Assays | | 1,831.50 |
| Report, Draft, Typing (2 reports) | | 1,750.00 |
| | | <hr/> |
| | TOTAL | \$ 6,375.30 |
| | | ===== |
| "R" CLAIM SHARE EXPENSES | | \$ 2,732.00 |
| "S" CLAIM SHARE EXPENSES | | \$ 3,643.00 |

APPENDIX I

ACME LABORATORY ASSAY CERTIFICATE

SEVEN PLOTTED ASSAY PLANS

ACME ANALYTICAL LABORATORIES LTD.
 852 E. HASTINGS, VANCOUVER B.C.
 PH: 253-3158 TELEX: 04-53124

DATE RECEIVED NOV 3 1983

DATE REPORTS MAILED *Nov 14/83*

ICP GEOCHEMICAL ANALYSIS

A .500 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:3 HCL TO HNO3 TO H2O AT 90 DEG.C. FOR 1 HOUR.
 THE SAMPLE IS DILUTED TO 10 MLS WITH WATER.
 THIS LEACH IS PARTIAL FOR: Ca, P, Mg, Al, Ti, La, Na, K, W, Ba, Si, Sr, Cr AND B. Au DETECTION 3 ppm.
 AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.
 SAMPLE TYPE - SOIL

ASSAYER *D. Toy* DEAN TOYE, CERTIFIED B.C. ASSAYER

MANNY FILE # 83-2819 PROJECT #RANELS PAGE# 1

| SAMPLE | MO ppm | CU ppm | PB ppm | ZN ppm | AG ppm | AS ppm | Au* ppb |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| L0 1E | 1 | 9 | 21 | 127 | .1 | 6 | 5 |
| L0 2E | 1 | 9 | 17 | 113 | .1 | 4 | 5 |
| L0 3E | 1 | 10 | 16 | 119 | .4 | 2 | 5 |
| L0 4E | 1 | 9 | 18 | 121 | .1 | 4 | 5 |
| L0 5E | 1 | 11 | 16 | 132 | .4 | 7 | 5 |
| L0 6E | 1 | 11 | 18 | 124 | .2 | 3 | 5 |
| L0 7E | 1 | 7 | 12 | 85 | .4 | 6 | 5 |
| L0 8E | 1 | 7 | 11 | 76 | .5 | 2 | 5 |
| L0 9E | 1 | 8 | 13 | 132 | .1 | 3 | 5 |
| L0 10E | 1 | 6 | 10 | 100 | .1 | 2 | 5 |
| L0 11E | 1 | 6 | 9 | 97 | .2 | 4 | 5 |
| L0 12E | 6 | 36 | 26 | 475 | .8 | 14 | 5 |
| L0 13E | 6 | 38 | 27 | 471 | .7 | 15 | 25 |
| L0 14E | 7 | 39 | 23 | 415 | .8 | 10 | 5 |
| L0 15E | 6 | 37 | 24 | 457 | .7 | 14 | 5 |
| L1 0E | 4 | 42 | 19 | 509 | .5 | 12 | 5 |
| L1 1E | 5 | 51 | 29 | 433 | .2 | 22 | 5 |
| L1 2E | 3 | 40 | 30 | 368 | .2 | 14 | 5 |
| L1 3E | 4 | 54 | 32 | 437 | .2 | 21 | 5 |
| L1 4E | 4 | 49 | 30 | 425 | .3 | 23 | 5 |
| L1 5E | 3 | 43 | 31 | 381 | .2 | 19 | 5 |
| L1 6E | 4 | 42 | 29 | 359 | .2 | 16 | 30 |
| L1 7E | 3 | 25 | 19 | 309 | .7 | 9 | 5 |
| L1 8E | 3 | 36 | 19 | 566 | .4 | 11 | 5 |
| L1 9E | 3 | 29 | 19 | 226 | .4 | 11 | 5 |
| L1 10E | 3 | 27 | 13 | 206 | .4 | 9 | 5 |
| L1 11E | 3 | 26 | 15 | 204 | .3 | 10 | 5 |
| L1 12E | 4 | 50 | 19 | 448 | .5 | 15 | 5 |
| L1 13E | 3 | 28 | 19 | 341 | .6 | 11 | 10 |
| L1 14E | 2 | 18 | 8 | 128 | .1 | 9 | 5 |
| L1 15E | 2 | 18 | 11 | 132 | .3 | 9 | 5 |
| L2 0E | 3 | 26 | 17 | 195 | .4 | 10 | 45 |
| L2 1E | 3 | 27 | 16 | 201 | .2 | 8 | 10 |
| L2 2E | 3 | 25 | 16 | 180 | .4 | 7 | 5 |
| L2 3E | 3 | 25 | 13 | 179 | .6 | 12 | 5 |
| L2 4E | 3 | 25 | 14 | 182 | .3 | 8 | 5 |
| L2 5E | 4 | 49 | 20 | 407 | .5 | 17 | 5 |
| STD A-1/AU 0.5 | 1 | 29 | 39 | 186 | .3 | 10 | 510 |

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FILE # 83-2819

PROJECT #RANELS

PAGE# 2

| SAMPLE | MO ppm | CU ppm | PB ppm | ZN ppm | AG ppm | AS ppm | Au* ppb |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| L2 6E | 4 | 45 | 18 | 374 | .2 | 9 | 5 |
| L2 7E | 2 | 23 | 15 | 290 | .3 | 7 | 5 |
| L2 8E | 3 | 26 | 23 | 290 | .5 | 9 | 5 |
| L2 9E | 4 | 50 | 26 | 403 | .3 | 12 | 5 |
| L2 10E | 3 | 29 | 16 | 199 | .5 | 8 | 5 |
| L2 11E | 2 | 22 | 17 | 265 | .3 | 8 | 5 |
| L2 12E | 2 | 21 | 14 | 200 | .4 | 6 | 5 |
| L2 13E | 4 | 62 | 26 | 465 | .6 | 23 | 5 |
| L2 14E | 4 | 63 | 34 | 492 | .3 | 20 | 5 |
| L2 15E | 2 | 21 | 15 | 188 | .4 | 6 | 5 |
| L3 0E | 3 | 27 | 33 | 224 | .4 | 8 | 5 |
| L3 1E | 3 | 24 | 18 | 441 | .4 | 7 | 5 |
| L3 2E | 2 | 17 | 14 | 303 | 1.0 | 9 | 20 |
| L3 3E | 2 | 19 | 11 | 252 | .2 | 9 | 5 |
| L3 4E | 3 | 27 | 31 | 233 | 1.3 | 9 | 5 |
| L3 5E | 3 | 26 | 33 | 233 | 1.9 | 8 | 5 |
| L3 6E | 4 | 32 | 38 | 262 | .6 | 10 | 5 |
| L3 7E | 5 | 27 | 25 | 536 | .1 | 15 | 5 |
| L3 8E | 4 | 27 | 28 | 513 | .4 | 16 | 5 |
| L3 9E | 3 | 23 | 15 | 428 | .1 | 8 | 5 |
| L3 10E | 2 | 23 | 42 | 267 | .9 | 10 | 5 |
| L3 11E | 2 | 20 | 34 | 239 | .4 | 8 | 5 |
| L3 12E | 3 | 25 | 40 | 452 | 1.2 | 15 | 5 |
| L3 13E | 3 | 27 | 47 | 551 | 1.4 | 16 | 5 |
| L3 14E | 1 | 11 | 15 | 107 | .4 | 3 | 5 |
| L3 15E | 1 | 8 | 13 | 116 | .3 | 5 | 5 |
| L4 1E | 3 | 29 | 22 | 235 | .5 | 13 | 5 |
| L4 2E | 3 | 29 | 17 | 214 | .4 | 8 | 5 |
| L4 3E | 3 | 29 | 17 | 208 | .4 | 13 | 5 |
| L4 4E | 3 | 63 | 39 | 382 | .5 | 15 | 5 |
| L4 5E | 3 | 60 | 32 | 370 | .4 | 17 | 5 |
| L4 6E | 3 | 62 | 34 | 378 | .5 | 18 | 5 |
| L4 7E | 3 | 61 | 31 | 366 | .6 | 17 | 5 |
| L4 8E | 3 | 29 | 20 | 394 | .2 | 16 | 5 |
| L4 9E | 2 | 21 | 10 | 159 | .2 | 6 | 5 |
| L4 10E | 3 | 32 | 23 | 420 | .2 | 12 | 5 |
| L4 11E | 3 | 29 | 22 | 412 | .1 | 16 | 5 |
| STD A-1/AU 0.5 | 1 | 30 | 40 | 184 | .3 | 9 | 500 |

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FILE # 83-2819

PROJECT #RANELS

PAGE# 3

| SAMPLE | MO ppm | CU ppm | PB ppm | ZN ppm | AG ppm | AS ppm | Au* ppb |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| L4 12E | 2 | 18 | 10 | 141 | .4 | 10 | 5 |
| L4 13E | 3 | 24 | 19 | 332 | .6 | 14 | 5 |
| L4 14E | 3 | 27 | 16 | 201 | .4 | 8 | 5 |
| L4 15E | 3 | 27 | 21 | 195 | .5 | 10 | 5 |
| L5 0E | 4 | 46 | 28 | 453 | .3 | 20 | 5 |
| L5 1E | 4 | 29 | 26 | 394 | .5 | 16 | 5 |
| L5 2E | 2 | 18 | 11 | 124 | .5 | 9 | 5 |
| L5 3E | 3 | 32 | 17 | 459 | .7 | 12 | 5 |
| L5 4E | 4 | 50 | 30 | 391 | .2 | 18 | 5 |
| L5 5E | 4 | 46 | 21 | 330 | .3 | 17 | 5 |
| L5 6E | 4 | 56 | 31 | 407 | .3 | 20 | 5 |
| L5 7E | 4 | 59 | 22 | 392 | .6 | 20 | 5 |
| L5 8E | 4 | 44 | 35 | 673 | .5 | 17 | 5 |
| L5 9E | 3 | 34 | 30 | 719 | .6 | 16 | 5 |
| L5 10E | 4 | 38 | 30 | 654 | .6 | 17 | 5 |
| L5 11E | 4 | 61 | 23 | 393 | .8 | 22 | 5 |
| L5 12E | 4 | 37 | 24 | 500 | .2 | 15 | 5 |
| L5 13E | 4 | 52 | 20 | 355 | .5 | 23 | 5 |
| L5 14E | 4 | 42 | 21 | 282 | .2 | 17 | 5 |
| L5 15E | 4 | 40 | 35 | 345 | .4 | 19 | 5 |
| L6 0E | 6 | 36 | 24 | 407 | .8 | 12 | 5 |
| L6 1E | 5 | 35 | 27 | 416 | .7 | 16 | 5 |
| L6 2E | 7 | 41 | 31 | 494 | 1.2 | 18 | 5 |
| L6 3E | 7 | 39 | 31 | 482 | .7 | 19 | 5 |
| L6 4E | 5 | 49 | 60 | 484 | .6 | 20 | 5 |
| L6 5E | 1 | 10 | 18 | 669 | .6 | 9 | 5 |
| L6 6E | 3 | 35 | 20 | 228 | .6 | 12 | 5 |
| L6 7E | 3 | 28 | 40 | 283 | 1.1 | 14 | 5 |
| L6 8E | 4 | 36 | 26 | 233 | .8 | 19 | 5 |
| L6 9E | 4 | 27 | 34 | 388 | 2.9 | 18 | 15 |
| L6 10E | 3 | 18 | 32 | 265 | .6 | 13 | 5 |
| L6 11E | 3 | 23 | 45 | 213 | .2 | 12 | 5 |
| L6 12E | 3 | 16 | 12 | 152 | .5 | 8 | 5 |
| L6 13E | 3 | 20 | 11 | 137 | .4 | 9 | 5 |
| L6 14E | 2 | 21 | 16 | 112 | .5 | 13 | 5 |
| L6 15E | 2 | 21 | 17 | 118 | .6 | 15 | 5 |
| STD A-1/AU 0.5 | 1 | 29 | 39 | 183 | .3 | 10 | 520 |

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FILE # 83-2819

PROJECT #RANELS

PAGE# 4

| SAMPLE | MO ppm | CU ppm | PB ppm | ZN ppm | AG ppm | AS ppm | Au* ppb |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| L7 0E | 3 | 31 | 13 | 190 | .5 | 10 | 5 |
| L7 1E | 3 | 34 | 12 | 197 | .8 | 16 | 5 |
| L7 2E | 5 | 50 | 88 | 431 | 1.0 | 16 | 5 |
| L7 3E | 4 | 50 | 44 | 401 | .8 | 19 | 5 |
| L7 4E | 2 | 17 | 18 | 392 | 1.3 | 9 | 5 |
| L7 5E | 6 | 73 | 23 | 481 | .8 | 20 | 5 |
| L7 6E | 1 | 16 | 9 | 297 | 1.0 | 7 | 5 |
| L7 7E | 2 | 10 | 11 | 402 | 1.0 | 7 | 5 |
| L7 8E | 2 | 11 | 20 | 400 | .7 | 6 | 5 |
| L7 9E | 2 | 10 | 16 | 395 | .7 | 7 | 5 |
| L7 10E | 4 | 51 | 38 | 395 | .7 | 18 | 5 |
| L7 11E | 3 | 42 | 39 | 340 | .3 | 18 | 5 |
| L7 12E | 4 | 47 | 52 | 391 | .7 | 17 | 5 |
| L7 13E | 6 | 78 | 28 | 499 | .7 | 26 | 5 |
| L7 14E | 6 | 79 | 23 | 508 | .5 | 23 | 5 |
| L7 15E | 6 | 75 | 23 | 485 | .6 | 21 | 5 |
| L8 0E | 5 | 68 | 23 | 441 | .8 | 18 | 5 |
| L8 1E | 6 | 73 | 24 | 461 | .7 | 21 | 10 |
| L8 2E | 6 | 74 | 23 | 464 | .7 | 22 | 5 |
| L8 3E | 2 | 21 | 13 | 286 | .3 | 6 | 5 |
| L8 4E | 1 | 21 | 14 | 560 | .6 | 11 | 5 |
| L8 5E | 1 | 16 | 12 | 316 | .6 | 8 | 25 |
| L8 6E | 2 | 19 | 10 | 285 | .5 | 7 | 10 |
| L8 7E | 2 | 15 | 9 | 259 | .7 | 7 | 30 |
| L8 8E | 1 | 11 | 14 | 444 | 1.0 | 3 | 35 |
| L8 9E | 2 | 12 | 17 | 445 | 1.1 | 4 | 5 |
| L8 10E | 2 | 20 | 13 | 609 | .7 | 11 | 5 |
| L8 11E | 2 | 17 | 12 | 313 | .2 | 4 | 5 |
| L8 12E | 1 | 15 | 7 | 249 | .6 | 2 | 5 |
| L8 13E | 2 | 15 | 8 | 262 | .8 | 7 | 5 |
| L8 14E | 1 | 14 | 8 | 343 | .1 | 10 | 5 |
| L8 15E | 2 | 19 | 14 | 530 | .1 | 13 | 5 |
| L9 0E | 1 | 18 | 14 | 140 | .7 | 7 | 5 |
| L9 1E | 1 | 12 | 13 | 103 | .2 | 6 | 5 |
| L9 2E | 1 | 17 | 17 | 208 | .6 | 11 | 5 |
| L9 3E | 1 | 18 | 14 | 113 | .7 | 5 | 5 |
| L9 4E | 1 | 16 | 15 | 214 | .7 | 8 | 5 |
| STD A-1/AU 0.5 | 1 | 30 | 40 | 182 | .3 | 9 | 510 |

| SAMPLE | MO ppm | CU ppm | PB ppm | ZN ppm | AG ppm | AS ppm | Au* ppb |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| L9 5E | 1 | 14 | 16 | 173 | .6 | 7 | 5 |
| L9 6E | 1 | 18 | 12 | 133 | .8 | 8 | 5 |
| L9 7E | 1 | 17 | 16 | 222 | .9 | 4 | 5 |
| L9 8E | 1 | 13 | 22 | 271 | 1.1 | 10 | 5 |
| L9 9E | 1 | 17 | 16 | 129 | .8 | 6 | 5 |
| L9 10E | 1 | 16 | 17 | 225 | .6 | 7 | 5 |
| L9 11E | 1 | 17 | 14 | 217 | 1.1 | 8 | 5 |
| L9 12E | 1 | 15 | 15 | 225 | .4 | 8 | 5 |
| L9 13E | 1 | 19 | 18 | 242 | 1.3 | 9 | 5 |
| L9 14E | 1 | 16 | 13 | 135 | .6 | 6 | 10 |
| L9 15E | 1 | 17 | 14 | 172 | .8 | 4 | 5 |
| L10 0E | 1 | 11 | 14 | 93 | .3 | 5 | 5 |
| L10 1E | 1 | 20 | 17 | 274 | .9 | 8 | 5 |
| L10 2E | 1 | 9 | 8 | 68 | .1 | 7 | 5 |
| L10 3E | 1 | 20 | 16 | 222 | .9 | 4 | 5 |
| L10 4E | 1 | 10 | 7 | 69 | .2 | 8 | 5 |
| L10 5E | 1 | 13 | 18 | 118 | .3 | 7 | 70 |
| L10 6E | 1 | 22 | 18 | 258 | 1.1 | 13 | 5 |
| L10 7E | 1 | 12 | 10 | 98 | .4 | 8 | 5 |
| L10 8E | 1 | 9 | 8 | 66 | .1 | 8 | 5 |
| L10 9E | 1 | 22 | 19 | 263 | .8 | 9 | 5 |
| L10 10E | 1 | 22 | 18 | 241 | .9 | 9 | 5 |
| L10 11E | 1 | 13 | 22 | 142 | .4 | 12 | 5 |
| L10 12E | 1 | 20 | 15 | 233 | .7 | 6 | 5 |
| L10 13E | 1 | 13 | 11 | 105 | .3 | 9 | 5 |
| L10 14E | 1 | 21 | 19 | 238 | .7 | 9 | 5 |
| L10 15E | 1 | 21 | 15 | 229 | .7 | 10 | 5 |
| L11 0E | 1 | 13 | 14 | 160 | .7 | 9 | 5 |
| L11 1E | 1 | 21 | 14 | 242 | .6 | 2 | 5 |
| L11 2E | 1 | 13 | 18 | 124 | .4 | 7 | 5 |
| L11 3E | 1 | 12 | 12 | 96 | .3 | 12 | 10 |
| L11 4E | 1 | 10 | 7 | 65 | .3 | 7 | 5 |
| L11 5E | 1 | 10 | 8 | 67 | .1 | 8 | 5 |
| L11 6E | 1 | 12 | 17 | 111 | .2 | 12 | 5 |
| L11 7E | 1 | 17 | 13 | 209 | .4 | 6 | 5 |
| L11 8E | 1 | 17 | 15 | 200 | .7 | 11 | 5 |
| L11 9E | 1 | 12 | 23 | 125 | .3 | 10 | 5 |
| STD A-1/AU 0.5 | 1 | 30 | 38 | 179 | .3 | 11 | 520 |

| SAMPLE | MO ppm | CU ppm | PB ppm | ZN ppm | AG ppm | AS ppm | Au* ppb |
|----------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| L11 10E | 1 | 12 | 26 | 246 | .6 | 11 | 5 |
| L11 11E | 1 | 13 | 17 | 202 | .5 | 7 | 5 |
| L11 12E | 1 | 10 | 16 | 167 | .4 | 6 | 75 |
| L11 13E | 1 | 11 | 10 | 90 | .1 | 5 | 10 |
| L11 14E | 1 | 10 | 15 | 179 | .4 | 9 | 5 |
| L11 15E | 1 | 13 | 11 | 92 | .1 | 6 | 5 |
| L12 0E | 3 | 13 | 12 | 154 | .4 | 2 | 25 |
| L12 1E | 2 | 12 | 19 | 155 | .3 | 8 | 10 |
| L12 2E | 3 | 11 | 13 | 130 | .4 | 2 | 5 |
| L12 3E | 5 | 8 | 11 | 59 | .3 | 4 | 5 |
| L12 4E | 2 | 11 | 11 | 145 | .4 | 11 | 10 |
| L12 5E | 5 | 7 | 14 | 64 | .4 | 8 | 5 |
| L12 6E | 2 | 12 | 17 | 150 | .4 | 9 | 5 |
| L12 7E | 2 | 12 | 17 | 153 | .5 | 13 | 5 |
| L12 8E | 4 | 7 | 15 | 58 | .3 | 6 | 5 |
| L12 9E | 2 | 12 | 17 | 154 | .4 | 7 | 5 |
| L12 10E | 2 | 12 | 13 | 119 | .5 | 11 | 5 |
| L12 11E | 1 | 10 | 15 | 128 | .4 | 9 | 20 |
| L12 12E | 2 | 12 | 16 | 160 | .8 | 10 | 5 |
| L12 13E | 1 | 11 | 15 | 192 | .6 | 9 | 5 |
| L12 14E | 1 | 11 | 14 | 98 | .3 | 5 | 5 |
| L12 15E | 1 | 9 | 11 | 68 | .2 | 6 | 5 |
| L13 0E | 1 | 12 | 19 | 179 | .6 | 7 | 5 |
| L13 1E | 1 | 13 | 23 | 248 | .6 | 10 | 5 |
| L13 2E | 1 | 9 | 8 | 68 | .1 | 5 | 5 |
| L13 3E | 1 | 21 | 16 | 204 | .8 | 8 | 5 |
| L13 4E | 1 | 13 | 14 | 102 | .3 | 7 | 5 |
| L13 5E | 1 | 11 | 10 | 90 | .2 | 6 | 5 |
| L13 6E | 1 | 11 | 14 | 90 | .3 | 6 | 5 |
| L13 7E | 1 | 11 | 13 | 91 | .2 | 8 | 5 |
| L13 8E | 1 | 13 | 17 | 120 | .4 | 6 | 5 |
| L13 9E | 1 | 12 | 14 | 139 | .8 | 6 | 5 |
| L13 10E | 1 | 11 | 12 | 95 | .3 | 7 | 5 |
| L13 11E | 1 | 10 | 15 | 172 | .5 | 3 | 5 |
| L13 12E | 1 | 13 | 17 | 202 | .6 | 9 | 5 |
| L13 13E | 1 | 12 | 19 | 115 | .3 | 6 | 5 |
| L13 14E | 1 | 11 | 20 | 273 | .5 | 10 | 5 |
| L13 15E | 1 | 19 | 19 | 223 | .7 | 9 | 5 |
| STD A-1/AU 0.5 | 1 | 29 | 38 | 180 | .3 | 10 | 490 |

L-6-S □ LCP

15

"S" CLAIM AU

~~D~~

L-7-S

L-8-S 10

25 10 30 35

L-9-S

10

L-10-S

70

L-11-S

10

75 10

L-12-S 25 10

L-13-S

L-6-S 8 .7 1.2 .7 .6 .6 .6 1.1 .8 2.9 .6 .2 .5 .4 .5 .6

8
LCP

8

"S" CLAIM Ag

L-7-S .5 .8 .10 .8 .13 .8 1.0 1.0 .7 .7 .7 .3 .7 .7 .5 .6

L-8-S .8 .7 .7 .3 .6 .6 .5 .7 1.0 1.1 .7 .2 .6 .8 .1 .1

L-9-S .7 .2 .6 .7 .7 .6 .8 .9 1.1 .5 .6 1.1 .4 1.3 .6 .8

L-10-S .3 .9 .1 .9 .2 .3 1.1 .4 .1 .8 .9 .4 .7 .3 .7 .7

L-11-S .7 .6 .4 .3 .3 .1 .2 .4 .7 .3 .6 .5 .4 .1 .4 .1

L-12-S .4 .3 .4 .3 .4 .4 .4 .5 .3 .4 .5 .4 .8 .6 .3 .2

L-13-S .6 .6 .1 .8 .3 .2 .3 .2 .4 .8 .3 .5 .6 .3 .5 .7

L-6-S 12 16 18 19 20 9 12 14 19 18 13 12 8 9 13 15
LCP

"S" CLAIM AS

L-7-S 10 16 16 19 9 20 7 7 6 7 18 18 17 26 23 21

L-8-S 18 21 22 6 11 8 7 7 3 4 11 4 2 7 10 13

L-9-S 7 6 11 5 8 7 8 4 10 6 7 8 8 9 6 4

L-10-S 5 8 7 4 8 7 13 8 8 9 9 12 6 9 9 10

L-11-S 9 2 7 12 7 8 12 6 11 10 11 7 6 5 9 6

L-12-S 2 8 2 4 11 8 9 13 6 7 11 9 10 9 5 6

L-13-S 7 10 5 8 7 6 6 8 6 6 7 3 9 6 10 9

L-6-S 36 35 41 39 49 10 35 26 36 27 18 23 16 20 21 21

"S" CLAIM Cu

L-7-S 31 34 50 50 17 73 16 10 11 10 51 42 47 78 79 75

L-8-S 68 73 74 21 21 16 19 15 11 12 20 17 15 15 14 19

L-9-S 18 12 17 18 16 14 18 17 13 17 16 17 15 19 16 17

L-10-S 11 20 9 20 10 13 22 12 9 22 22 13 20 13 21 21

L-11-S 13 21 13 12 10 10 12 17 17 12 12 13 10 11 18 13

L-12-S 13 12 11 8 11 7 12 12 7 12 12 10 12 11 11 9

L-13-S 12 13 9 21 13 11 11 11 13 12 11 10 13 12 11 19

L-6-S 6 5 7 7 5 1 3 3 4 4 3 3 3 3 2 2

"S" CLAIM Mo

L-7-S 3 3 5 4 2 6 1 2 2 2 4 3 4 6 6 6

L-8-S 5 6 6 2 1 1 2 2 1 2 2 2 1 2 1 2

L-9-S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

L-10-S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

L-11-S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

L-12-S 3 2 3 5 2 5 2 2 4 2 2 1 2 1 1 1

L-13-S 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

L-6-S 24 27 31 31 60 18 20 40 26 34 32 45 12 11 16 17

"S" CLAIM Pb

L-7-S 13 12 88 44 18 23 9 11 20 16 38 39 52 28 23 23

L-8-S 23 24 23 13 14 12 10 9 14 17 13 12 7 8 14

L-9-S 14 13 17 14 15 16 12 16 22 16 17 14 15 18 13 14

L-10-S 14 7 8 16 7 18 18 10 8 19 18 22 15 11 19 15

L-11-S 14 14 18 12 7 8 17 13 15 23 26 17 16 10 15 11

L-12-S 12 19 13 11 11 14 17 17 15 17 13 15 16 15 14 11

L-13-S 19 23 8 18 14 10 14 13 17 14 12 15 17 19 29 19

L-6-S 40 41 49 48 48 66 22 28 23 38 26 21 15 13 11 11

⊥

'S' CLAIM Zn

L-7-S 19 19 43 40 39 48 29 40 40 39 39 34 39 49 50 48

L-8-S 44 46 46 28 56 31 28 ~~25~~ 44 44 60 31 24 26 34 53

L-9-S 14 10 20 11 21 17 13 22 27 12 22 21 22 24 13 17

L-10-S 9 27 6 22 6 11 25 9 6 26 24 14 23 10 23 22

L-11-S 16 24 12 9 6 6 11 20 20 12 24 20 16 9 17 9

L-12-S 15 15 13 5 14 6 15 15 5 15 11 12 16 19 9 6

L-13-S 17 24 6 20 10 9 9 9 12 13 9 17 20 11 27 22