REPORT ON

# GEOCHEMICAL AND MAGNETOMETER SURVEYS

# ON THE LODE GROUP CLAIMS

(Lode, Chow, Pat 1-5, Golden Cougar, Bee)
(Deerhorn, Tri Fr., Little Buffalo Fr., Buck Fr.)
(Horn Fr., Gem and Hidden Treasure)

Deadwood Camp - Greenwood Mining Division

Latitude 49° 06.5' N
Longitude 118° 43.5'W
NTS Map No. 82E/2E

Owners: H.H. Shear
MBR Exploration Ltd.

Operator: Dragoon Resources Ltd.

By: H.H. Shear, P.Eng.

January 15, 1991



Annual Work Approval No.
KAM 90-1400090-797

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## INTRODUCTION

**GENERAL** - The project has been named the Lode Group Project. The project area is centered four kilometers west of the north end of Greenwood, B.C. and lies along both sides of Mother Lode Creek. Topographic relief is moderate with elevations ranging from 945 m (3100') along the lower section of Mother Lode Creek in the southeast part of the work area to 1220 m (4000') in the north part on the ridge between Mother Lode Creek and Deadwood Creek. Access is via a good all weather gravel logging road up Mother Lode Creek from Greenwood. Several spur roads provide excellent access to all parts of the work area.

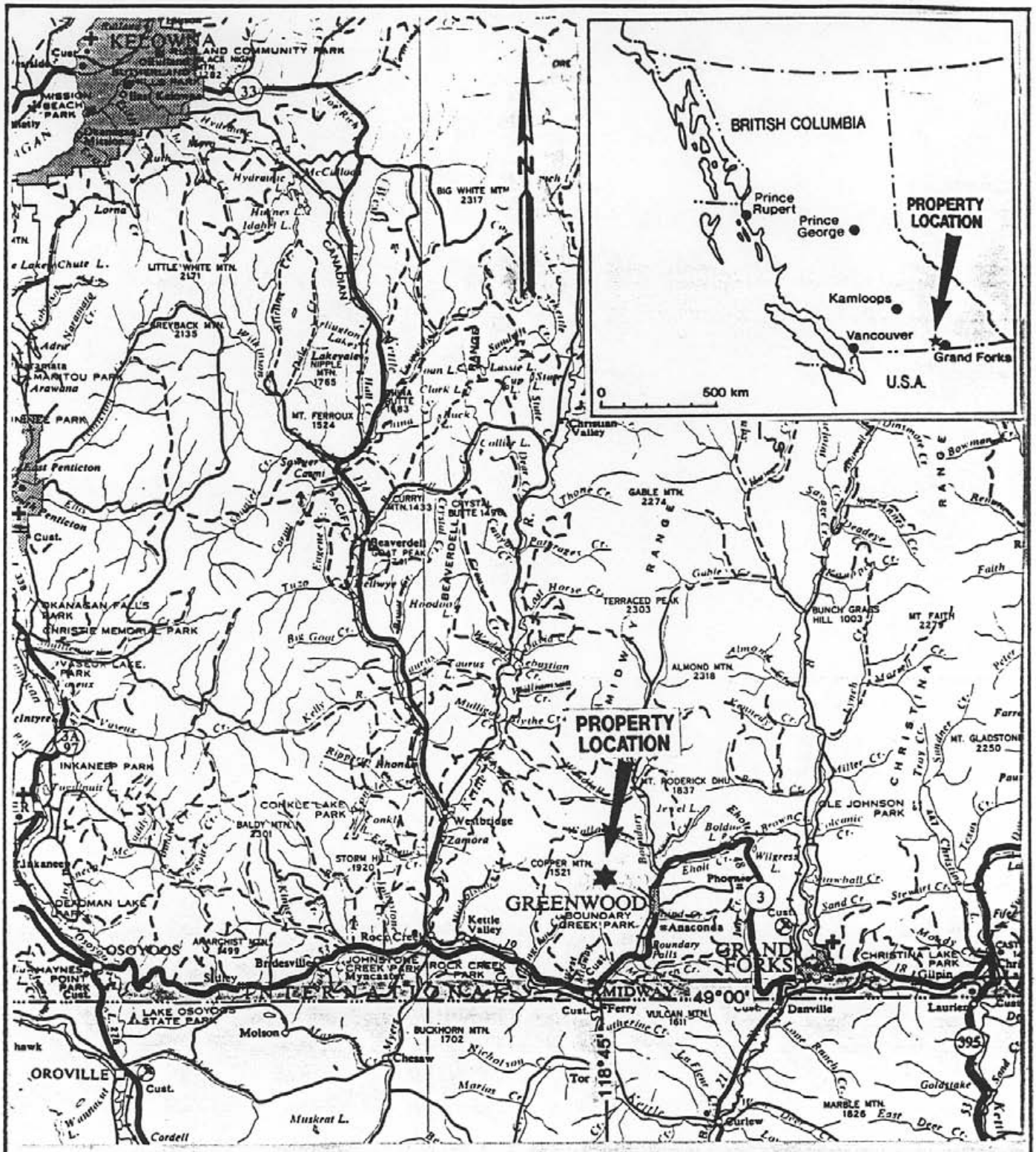
**PROPERTY DEFINITION AND HISTORY** - The property consists of 37 units comprised of three modified grid claims, five reverted crown grant mineral claims and three fractional mineral claims. Prospecting was carried out on the claims area since before 1900 but work was limited to surface prospect pits.

Over 3000' of underground headings are reported to have been completed on the Morrison claim from 1897 to 1902. This claim is mostly surrounded by the Lode group but is not part of the property. About 2900 tons of pyritic ore averaging about 0.4% Cu and 0.079 oz/ton Au are reported to have been shipped from the Morrison prior to 1907. The Mother Lode Mine, second largest copper-gold producer in the boundary District, lies one kilometer northeast of the Morrison.

The owner of the Golden Cougar and Pat 1-5 claims is MBR Exploration Ltd., Box 461, Greenwood, B.C. and the rest of the claims are in the writers name, Box 188, Greenwood, B.C.
The operator is Dragoon Resources Ltd., 305-675 W. Hastings St., Vancouver, B.C., V6B 1N2.

Past interest in the area was in locating copper-gold deposits similar to the Phoenix and Mother Lode ore bodies which occur with skarn alteration in calcareous Triassic rocks east of the project area. Current interest by Dragoon is in locating gold deposits hosted in skarn zones in the older rock formations or in epithermal zones along the Tertiary formations fault boundaries.

**WORK SUMMARY** - A program of linecutting and surveys was carried out on the Golden Cougar, Lode, Deerhorn, Bee, and Little Buffalo Fr. Claims between Oct. 17 - Nov. 16, 1990. Linecutting consisted of 4.25 kilometers along baselines and through areas of abundant underbrush and wind falls. Lines were established by flagging and blazing for an additional 5.40 kilometers for a total of 9.65 kilometers of lines. A magnetometer survey was run over the entire grid and totalled 9.65 kilometers. A geochemical survey consisting of 67 soil samples and 11 stream silt samples was completed. Reconnaissance mapping was done to tie in surface features, the main geologic contact between Tertiary and older rock formations, and the location of any outcrops of Tertiary mafic volcanic rocks which would be related to magnetometer anomalies.



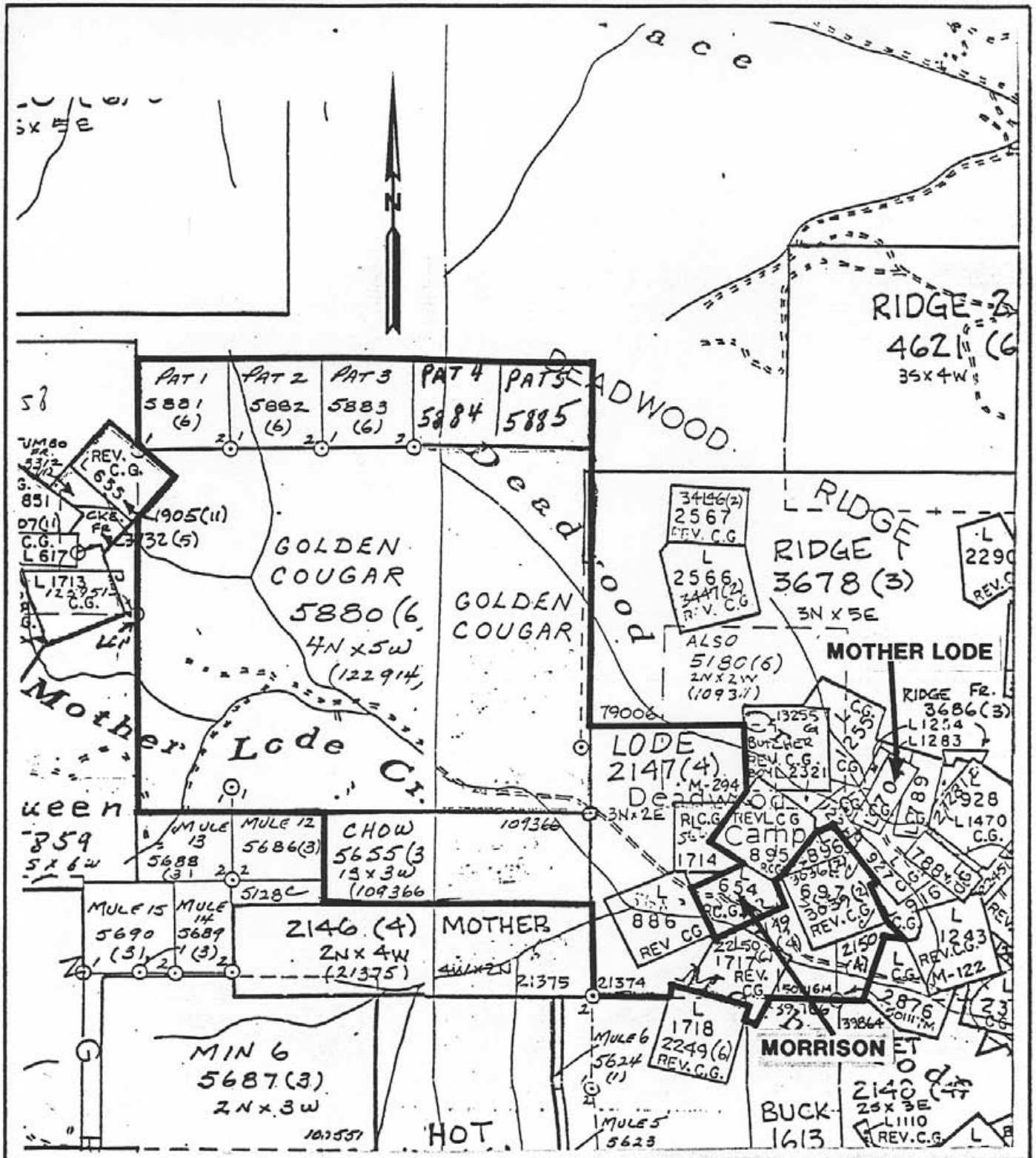

# DRAGOON RESOURCES LTD.

## LODE GROUP CLAIMS
GREENWOOD M.D., B.C.

## LOCATION MAP

**BAPTY RESEARCH LIMITED**

| | | |
|---|---|---|
| SCALE: 1 : 600 000 | N.T.S.: 82 E/2E | FIG. NO. 1 |
| DRAWN BY: | | |
| DATE: DECEMBER, 1990 | MAP NO. | |




# DRAGOON RESOURCES LTD.

## LODE GROUP CLAIMS
GREENWOOD M.D., B.C.

## CLAIM AND INDEX MAP

**BAPTY RESEARCH LIMITED**

| | | |
|---|---|---|
| SCALE: 1 : 30 000 | N.T.S.: 82 E/2E | FIG. NO. 2 |
| DRAWN BY: | | |
| DATE: DECEMBER, 1990 | MAP NO. | |

**CLAIMS** - The property consists of the following mineral claims totalling 42 units:

| Name | Record No. | Units | Owner | Expiry Date |
|---|---|---|---|---|
| Golden Cougar | 5880 | 20 | MBR Exp. | June 7, 1991 |
| Pat 1-5 | 5881-5 | 5 | MBR Exp. | June 7, 1991 |
| Lode | 2147 | 6 | Shear | April 29, 1995 |
| Buck Fr. | 2149 | 1 | Shear | April 29, 1994 |
| Horn Fr. | 2150 | 1 | Shear | April 29, 1994 |
| Little Buffalo Fr. | 2250 | 1 | Shear | June 5, 1994 |
| Chow | 5655 | 3 | Shear | March 1 , 1991 |
| Deerhorn | 5666 | 1 | Shear | March 15, 1991 |
| Hidden Treasure | 5679 | 1 | Shear | March 15, 1991 |
| Bee | 5680 | 1 | Shear | March 15, 1991 |
| Gem | 5681 | 1 | Shear | March 15, 1991 |
| Tri Fr. | 5685 | 1 | Shear | March 19, 1991 |

**PURPOSE OF PROGRAM**

The Lode Group claims in the writers name were acquired because of interesting reports in the B.C. Ministry of Mines Annual Reports on the Morrison claim from 1897-1902. No modern geochemical or geophysical prospecting has been done in the area and there is widespread overburden cover north, west and south of the Morrison. Ore shipped from the Morrison was massive pyrite carrying economic copper and gold values. The fault contact between Tertiary and older rocks passing through the Lode Group is considered to be a possible target zone for locating disseminated epithermal gold mineralization.

The Mother Lode deposit just to the northeast contains abundant magnetic and is expressed as a small moderate magnetometer anomaly on the regional aeromagnetic map (see Fig. 6). A similar anomaly occurs on the Deerhorn and a strong one station spike occurs on the east edge of the Golden Cougar. The owners of the Golden Cougar claim agreed to participate in a program to satisfy assessment requirements on both properties.

The purpose of the program was to explore for gold mineralization in older host rocks and occurring in magnetically high skarn zones under Tertiary or overburden cover, disseminated epithermal gold zones along the Tertiary - Permian fault contact which passes through the property, and massive sulphide copper-gold bearing mineralization similar to ore shipped in the early 1900's from the Morrison claim.

## GEOLOGY

**REGIONAL** - The table on the following page and the geologic map, Fig. 5 on page 8, describe the regional geology around the Lode Group claims. The table and map are from G.S.C. paper 67-42, Early Tertiary Stratified Rocks, Greenwood Map Area, by J.W.H. Mouger. The numbered geologic formations on the map are keyed on the table. For years the Triassic and Permian rocks in the Greenwood area were undifferentiated and lumped together as the Anarchist Group. More recent work has separated this unit into the Permian Knob Hill Group and the Triassic Brooklyn Formation and Rawhide Shale (argillite).

TABLE OF FORMATIONS

| Era | Period | Formation and thickness (feet) | Lithology |
|---|---|---|---|
| CENOZOIC | Pleistocene to Recent | | Glacial silts and sands, alluvium, etc. |
| | Unconformity | | |
| | Oligocene (?) Undesignated breccia | | Brecciated chert, greenstone, igneous plutonic rocks |
| | Unconformity (?) | | |
| 4 | Eocene | Marron Formation and related intrusions 5,000± | Porphyritic andesite and trachyte, minor pyroclastic rocks |
| 3 | | Kettle River Formation 300 to 4,000 | Volcanic sandstones, acidic pyroclastic and flow rocks, shale, conglomerate |
| Unconformity | | | |
| 2 | Cretaceous | (?) Valhalla and Nelson intrusions | Granite, quartz monzonite, granodiorite, quartz diorite, minor serpentine |
| MESOZOIC | Intrusive contact | | |
| 1 | Triassic | | Limestone, chert sharpstone conglomerate, minor skarn, siltstone, green argillite and agglomerate |
| Unconformity (?) | | | |
| PALAEOZOIC 1 | Permian and/or earlier | | Chert, greenstone, black phyllite, schist, amphibolite, limestone and argillite |

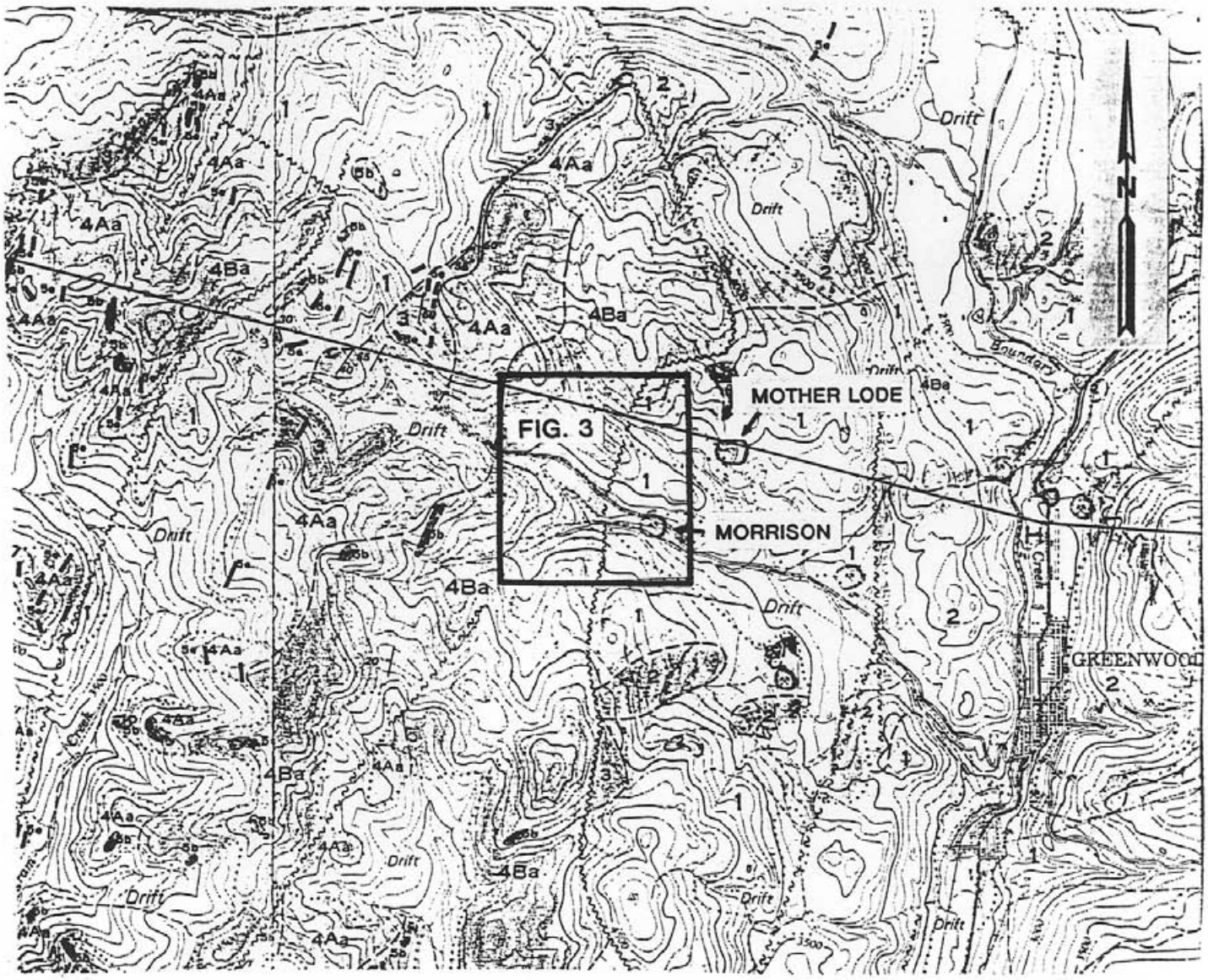



FIG. 5

MAP 10-1967
PAPER 67-42

GEOLOGY

# GREENWOOD

BRITISH COLUMBIA

Scale 1:63,360

1 inch to 1 mile

Miles 1 0 1 2 3 Miles

Kilometres 1 0 1 2 3 4 5 Kilometres

The claims straddle a major fault boundary between Marron Formation to the west and older Knob Hill chert to the east. The calcareous rocks of the Brooklyn Formation host the Mother Lode copper-gold deposit just east of the project area.

**PROPERTY GEOLOGY** - The property was not geologically mapped but several prominent features were recorded. The Tertiary - Permian contact was noted where exposed and Marron mafic volcanic outcrops were noted in the area of the two aeromagnetic targets. This data is shown on Fig. 3. Almost all outcrops occurring on the Deerhorn, Gold Bug, Morrison, Bee and Little Buffalo Fr., east of the contact are Knob Hill chert. The exception is a small limestone lens associated with the mineralization on the Morrison, and it is considered to also belong to the Knob Hill Formation. West of the contact Marron intermediate to mafic volcanics outcrop extensively at higher elevations and heights of land. A flat bench trends along the northeast side of Mother Lode Creek from the northern half of the Bee claim to the southeast corner of the Golden Cougar and overburden is anticipated to be quite thick in this area.

Recent work by Dr. Jim Fyles working on the Greenwood area geology and funded by a grant from the B.C. Ministry of Energy, Mines and Resources has inferred a shallow westerly dipping contact between Tertiary and Permian units through the Lode Group Claims. Prior work has inferred a very steep contact.

This program was designed to explore the possibility that the potentially favourable contact zone and older favourable host rocks might subcrop well up the bottom of Mother Lode Creek and its tributary coming in along the west side of L2+00S.

No significant mineralization has been reported on the Lode claims but the property is well located with regard to past production.

**GRID** - The grid location was established from the old crown grant corners found. Baselines O+00E and 7+50W and the 8+00N tie line were cut by power saw with picketing and backsighting with a tripod mounted brunton compass to maintain control of the line locations. Crosslines were run using axes where possible but L2+00S and L3+00S and L4+00S to the east required a lot of power saw work due to windfalls and underbrush. The lines were cut and established from October 17 to November 13, 1990.

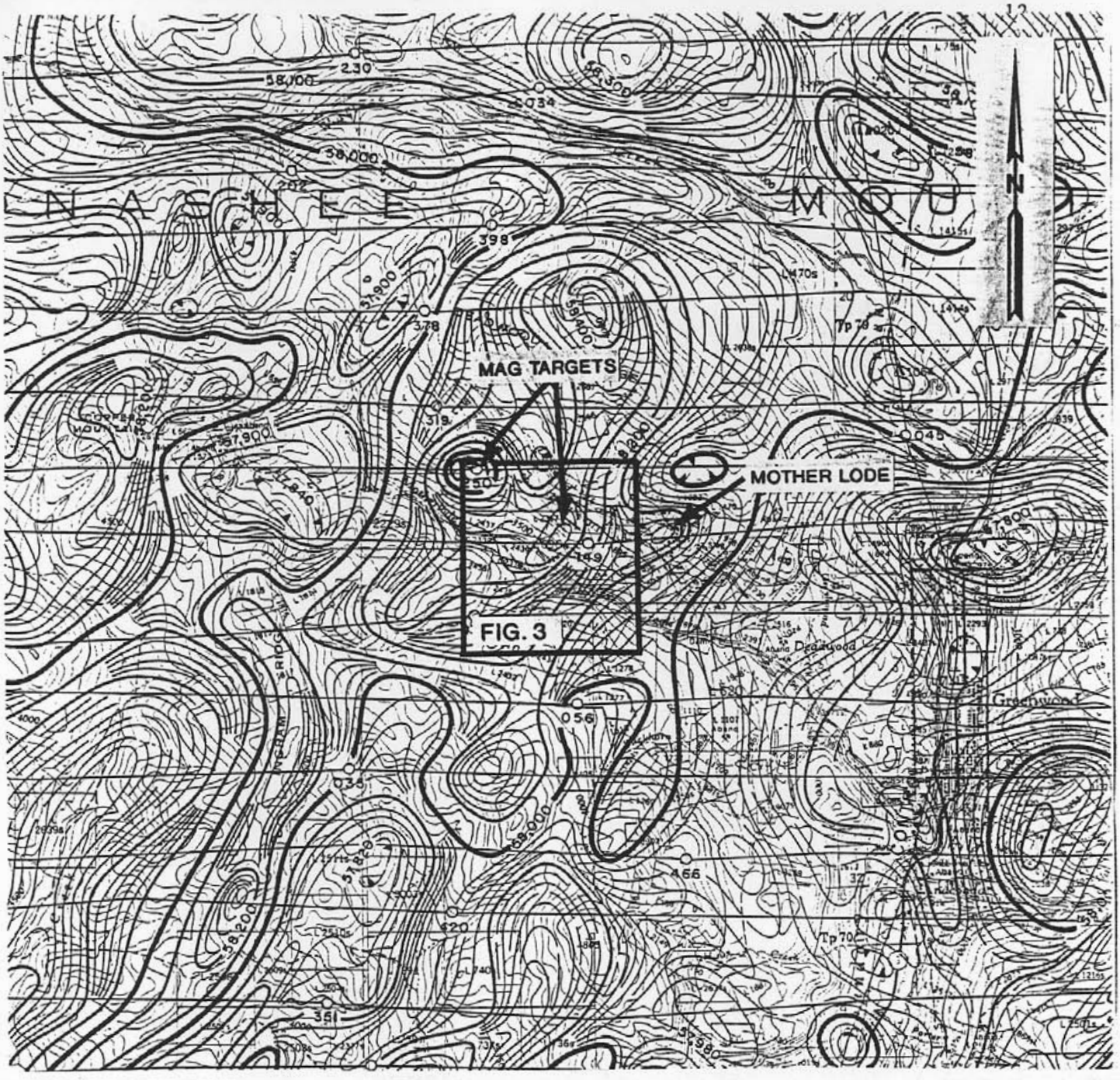
**MAGNETOMETER SURVEY**

A portion of the government aeromagnetic map of the Greenwood area is shown on Fig. 6. On this map are indicated the two specific anomalies that were the targets for evaluation by this survey. The entire grid was covered by the mag survey totalling 9.65 kilometers. The magnetometer survey was run by W. Markin on November 7, 8 and 13, 1990.

The instrument used was a Unimag TM Model G-836 proton magnetometer manufactured by Geo-Metrics. Readings are taken by pressing a button, releasing it, and reading an automatic battery powered lighted digital display. The reading is 4 digits representing the first 4 digits in the earth's total magnetic field. Therefore the instrument measures the total magnetic field to the nearest 10 gammas.

The magnetometer survey results are shown on Fig. 3 in the pocket of this report. Base stations were established at BL 7+50W, 10+00N, BL 0+00E, 3+00N and BL 0+00E, 3+00S.

Readings were taken in traverses of less than one hour with first and last readings at the base station. Base stations were tied to each other immediately using a vehicle to drive back and forth. The first base station was assigned a value of the first reading there. Where diurnal variation occurred during a traverse a linear correction against time was made to the nearest 10 gammas. Then all values were corrected for the difference between the base station's assigned original value versus drift during the course of the survey. All values are plotted on Fig. 3 as the corrected total magnetic field in gammas less 56,000 gammas for convenience.




ISOMAGNETIC LINES (absolute total field)

500 gammas

100 gammas

20 gammas

10 gammas

Magnetic depression

Flight lines 15 687

Flight altitude 1000 feet above ground level

PROVINCE
OF
BRITISH COLUMBIA

DEPARTMENT OF MINES AND PETROLEUM RESOURCES

DEPARTMENT
OF
ENERGY, MINES AND RESOURCES

GEOLOGICAL SURVEY OF CANADA

FIG. 6

MAP 8497G

GEOPHYSICAL SERIES (Aeromagnetic)

# GREENWOOD

## BRITISH COLUMBIA

Scale: One Inch to One Mile = $\frac{1}{63,360}$

Miles

1 1/2 0 1 2 3

The magnetometer survey located and partially outlined the two aeromagnetic highs being evaluated. They are centered at 4+00N, 2+50E and BL 7+50W, 12+00N. When first evaluating the aeromag anomalies and planning the program it looked as if they might not overlie the mafic and magnetic Marron volcanic outcrops that were known to be present along the height of land. However both anomalies partially coincide with magnetically high Marron mafic volcanics outcropping along the ridge separating Mother Lode Creek and Deadwood Creek to the northeast. At the southern end of the grid the mag survey appears to have outlined the Knob Hill - Marron contact.

It is now doubtful that the mag highs evaluated by this program could be magnetite bearing mineral deposits. Future assessment work should include one line of IP surveying over each one to be sure.

**GEOCHEMICAL SURVEY**

The geochemical survey was designed to explore the Tertiary - Permian contact and the area of older rocks thought to have shallow soil cover. Lines up-stream from the inferred contact were soil sampled across and along stream bottoms. It was hoped that a shallow westerly dipping contact or windows through the Tertiary might result in the older host rocks subcropping up Mother Lode Creek above the contact. For the same reason silt samples were taken from 500 meters below the Morrison portal to about 1,200 meters above. There were 67 soil samples collected as shown on Fig. 4.

Along L2+00S soil samples were collected on either side of the creeks away from the valley fill to check both sides of the steep-sided banks. A few other samples, as shown, were not taken at even stations to avoid valley fill. There were 11 silt samples taken as shown on Fig.s 3 and 4. One silt sample, 101, is located just east of the map coverage. Its position is noted on the drawings. Two of the upstream silts are only located on Fig. 3.

Soil sampling was conducted on a somewhat irregular grid, which reflects the aim of sampling the lower elevations along about 900 meters of Mother Lode Creek valley. Sample spacing was 50 meters along the lines. Samples were collected from approximately 15-20 cm deep from the B soil horizon. Silt samples were collected up Mother Lode Creek at roughly 250 metes spacings for about 1800 meters. The material sampled was the finest grained sediments available without humus. Sampling was done on November 10, 12 and 13, 1990 by W. Markin.

The samples were placed in Kraft paper soil envelopes and delivered to Acme Analytical Laboratories Ltd. of 852 Hastings St., Vancouver, B.C. The 78 samples were analyzed by ICP for 30 elements. Geochemical analysis for gold was done by acid extraction followed by AA. The samples were dried at 60$^{o}$C and sieved to -80 mesh. A 0.5 gram sample was digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Then 30 elements are determined by inductively couple argon plasma (ICP).

With acid extraction of gold a 10.0 gram sample is ignited overnight at 600°C and then digested with 30 mls of hot dilute aqua regia. A 75 mls portion of clear solution obtained is extracted with 5 mls of methyl isobutyl ketone (MIBK). Gold is determined in the MIBK extract by AA using background correction to a detection limit of 1 ppb.

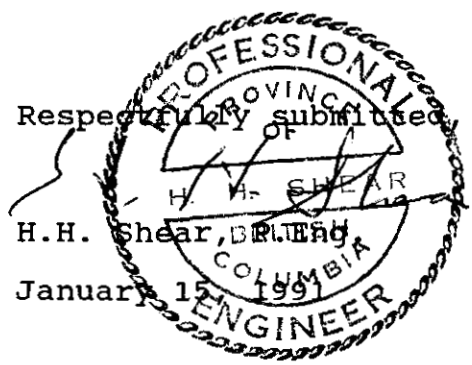
No anomalous values were disclosed by the soil and silt sample survey. Two slightly elevated gold values in soils occurred near the Morrison claim. The highest gold in silt was 16 ppb in sample No. 101, downstream from the Morrison. The best copper of the survey was in silt sample No. 107 with 97 ppm which is probably an erratic. The Copper Camp which produced a small amount of high grade copper lies about three kilometers upstream.

**CONCLUSIONS**

A program of magnetometer surveying was conducted to locate and evaluate two interesting looking aeromagnetic anomalies on the Deerhorn and Golden Cougar claims. The magnetometer survey located the two aeromagnetic anomalies and outlined fairly well the Tertiary - Permian contact. The anomalies are partially underlain by outcropping, magnetically high, mafic volcanics which are the likely cause.

The grid extended to the south where a soil and silt geochemical survey over portions of the Lode, Bee and Little Buffalo Fr. claims was completed. The geochemical survey was negative and no anomalous values were disclosed.

While this program was not successful in locating targets of interest some IP surveying is warranted to thoroughly evaluate the Lode Group Claims potential since Mother Lode - Phoenix type copper-gold deposits could occur in older rocks below the Tertiary cover.




Respectfully submitted,

H.H. Shear, P.Eng.

January 15, 1991

## STATEMENT OF COSTS

Labor: Line cutting and establishment (All at $150/day)

| | | | |
|---|---|---|---|
| W. Markin | Oct. 17-19, Nov. 5-6, 1990 | 5 x $150 = | $750.00 |
| K. Taylor | Nov. 5-6, 1990 | 2 x $150 = | 300.00 |
| R. Wintermeyer | Nov. 5-6, 10, 12, 1990 | 4 x $150 = | 600.00 |
| H. Shear | Oct. 17-19, Nov. 5-6, 10, 12,13, 1990 | 6 x $150 = | 900.00 |

Magnetic Survey, Soil and Silt Collection

| | | | |
|---|---|---|---|
| W. Markin | Nov. 7(1/2), 8, 10, 12, 13, 1990 | 4.5 x 150 = | 675.00 |

Labor 3,225.00

Supervision, Mapping Surface Features, Mag Calculations

| | | | |
|---|---|---|---|
| H. Shear | Oct. 16-Nov. 8 (2 days), Nov. 14, 15, 16 (2.5 days) | 4.5 x $225/day | 1,012.50 |

Total Labor $4,237.50

Assaying:

| | | |
|---|---|---|
| 78 soil and silt samples x $8.60 = | 670.80 | |
| Freight | 17.75 | |
| | | 688.55 |

Reports: Maps and Text

| | | | |
|---|---|---|---|
| H.H. Shear, P.Eng. | Nov. 24-Dec. 15, 1990 | 3 x 225/day | 675.00 |

**Total Program** **$5,601.05**

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA

H.H. Shear, P.Eng.

January 15, 1991

**STATEMENT OF QUALIFICATIONS**

I, Henry Herbert Shear, of 325 S. Copper Street, Greenwood, British Columbia, do hereby certify:

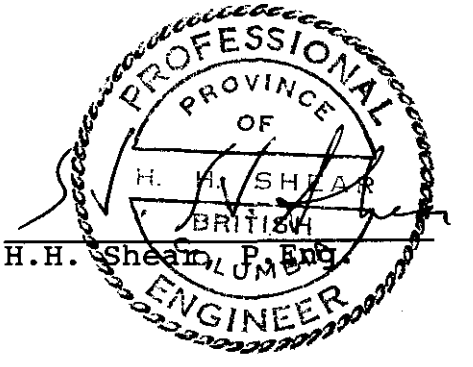
1. That I am a graduate of the University of Arizona with B.Sc. degrees in Geological Engineering (1959) and Mining Engineering (1960).

2. That I have been actively pursuing my profession as an exploration geologist for the past 31 years, starting as a field geologist and advancing through to the senior geologist, project manager and consulting level.

3. I am a member of the Association of Professional Engineers of British Columbia.

4. Work covered by this report on the Lode Group Claims was either done by me or done under my direct supervision.

Dated at Cranbrook, British Columbia, this 15th day of January, 1991.




H.H. Shear, P.Eng.

**BIBLIOGRAPHY**

B.C. Ministry of Mines Annual Reports; 1897-1907.

Flyes, J.T.: 1990 Verbal Communication.

Geophysical Series (Aeromagnetic) Map 8497G; Greenwood, British Columbia; B.C. Dept. of Mines and Petro. Res. and Geol. Surv. Can.

Little, H.W.: 1957 Kettle River (east half), British Columbia; Geol. Surv. Can., Map 6-1957.

Monger, J.W.H.: 1967 Early Tertiary Stratified Rocks, Greenwood Map Area, (82 E/2), British Columbia; Geol. Surv. Can. Paper 67-42.

# APPENDIX

## GEOCHEMICAL ANALYSIS CERTIFICATES

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Dragoon Resources Ltd.** File # 90-6012 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: H.N. SHEAR

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| L0 3+00W | 1 | 25 | 11 | 80 | .1 | 10 | 7 | 526 | 2.39 | 6 | 5 | ND | 3 | 82 | .2 | 2 | 2 | 49 | .42 | .099 | 25 | 15 | .39 | 161 | .17 | 5 | 3.27 | .02 | .08 | 2 | 1 |
| L0 2+50W | 1 | 24 | 15 | 109 | .1 | 11 | 8 | 398 | 2.34 | 8 | 5 | ND | 4 | 85 | .2 | 2 | 2 | 44 | .35 | .106 | 26 | 17 | .40 | 161 | .18 | 2 | 2.63 | .02 | .09 | 2 | 1 |
| L0 2+00W | 1 | 25 | 5 | 60 | .1 | 15 | 7 | 285 | 2.45 | 3 | 5 | ND | 6 | 62 | .2 | 2 | 2 | 52 | .38 | .051 | 27 | 25 | .47 | 120 | .16 | 3 | 1.84 | .03 | .14 | 1 | 2 |
| L0 1+50W | 1 | 27 | 11 | 55 | .4 | 11 | 5 | 274 | 1.82 | 7 | 5 | ND | 5 | 63 | .2 | 2 | 2 | 33 | .28 | .096 | 18 | 17 | .31 | 215 | .13 | 3 | 2.68 | .04 | .09 | 1 | 1 |
| L0 1+10W | 1 | 22 | 7 | 110 | .1 | 9 | 5 | 520 | 1.52 | 7 | 5 | ND | 2 | 99 | .2 | 2 | 2 | 24 | .49 | .348 | 13 | 12 | .23 | 299 | .10 | 6 | 1.95 | .03 | .15 | 2 | 1 |
| L0 0+50W | 1 | 55 | 13 | 81 | .1 | 27 | 9 | 675 | 2.79 | 12 | 5 | ND | 7 | 69 | .3 | 2 | 2 | 59 | .59 | .079 | 48 | 40 | .73 | 225 | .15 | 11 | 1.67 | .05 | .53 | 2 | 5 |
| 1+75S 1+00W | 1 | 25 | 8 | 128 | .5 | 11 | 6 | 781 | 1.56 | 6 | 5 | ND | 5 | 58 | .2 | 3 | 2 | 26 | .26 | .261 | 17 | 12 | .22 | 291 | .11 | 7 | 2.06 | .03 | .10 | 2 | 1 |
| 2+00S 3+00W | 1 | 26 | 7 | 63 | .3 | 10 | 6 | 345 | 1.97 | 7 | 7 | ND | 6 | 46 | .2 | 2 | 2 | 42 | .41 | .117 | 20 | 18 | .35 | 121 | .12 | 4 | 1.68 | .03 | .09 | 2 | 1 |
| 2+00S 2+50W | 1 | 22 | 9 | 90 | .5 | 17 | 6 | 530 | 1.62 | 7 | 5 | ND | 6 | 37 | .2 | 2 | 4 | 31 | .25 | .067 | 15 | 18 | .32 | 211 | .11 | 5 | 1.71 | .04 | .12 | 2 | 1 |
| 2+00S 2+00W | 1 | 32 | 9 | 72 | .2 | 16 | 6 | 298 | 1.74 | 6 | 5 | ND | 7 | 41 | .2 | 2 | 2 | 30 | .24 | .093 | 21 | 19 | .33 | 172 | .11 | 9 | 1.94 | .03 | .18 | 1 | 1 |
| 2+00S 1+50W | 1 | 23 | 12 | 56 | .1 | 11 | 5 | 313 | 2.00 | 3 | 5 | ND | 7 | 73 | .2 | 2 | 2 | 43 | .39 | .067 | 34 | 19 | .31 | 116 | .13 | 4 | 1.11 | .03 | .15 | 2 | 1 |
| 2+00S 0+50W | 1 | 28 | 3 | 60 | .1 | 13 | 7 | 345 | 2.49 | 5 | 5 | ND | 10 | 93 | .2 | 2 | 2 | 59 | .54 | .105 | 54 | 25 | .46 | 93 | .15 | 2 | 1.24 | .03 | .11 | 2 | 1 |
| 2+15S 1+00W | 1 | 22 | 13 | 71 | .1 | 9 | 6 | 359 | 1.78 | 6 | 5 | ND | 4 | 85 | .2 | 2 | 2 | 35 | .41 | .105 | 26 | 14 | .26 | 122 | .12 | 5 | 1.85 | .03 | .07 | 1 | 1 |
| 2+20S 1+50W | 1 | 22 | 10 | 77 | .1 | 12 | 6 | 332 | 1.93 | 4 | 5 | ND | 8 | 94 | .2 | 2 | 2 | 39 | .44 | .182 | 41 | 16 | .29 | 149 | .13 | 2 | 1.52 | .04 | .10 | 2 | 3 |
| 3+00S 3+00W | 1 | 42 | 7 | 45 | .4 | 15 | 6 | 299 | 2.67 | 4 | 5 | ND | 11 | 164 | .8 | 2 | 2 | 44 | .62 | .034 | 69 | 27 | .47 | 129 | .15 | 5 | 4.58 | .04 | .08 | 1 | 1 |
| 3+00S 2+50W | 1 | 32 | 9 | 50 | .1 | 11 | 6 | 344 | 2.22 | 7 | 5 | ND | 7 | 78 | .2 | 2 | 2 | 49 | .48 | .101 | 36 | 21 | .42 | 94 | .14 | 3 | 1.52 | .04 | .09 | 2 | 3 |
| 3+00S 2+00W | 1 | 40 | 12 | 60 | .5 | 22 | 11 | 613 | 3.29 | 10 | 5 | ND | 11 | 133 | .2 | 3 | 2 | 72 | .80 | .105 | 45 | 44 | .91 | 170 | .20 | 2 | 2.13 | .06 | .14 | 1 | 2 |
| 3+00S 1+50W | 1 | 34 | 7 | 52 | .1 | 13 | 7 | 332 | 2.65 | 5 | 5 | ND | 9 | 90 | .2 | 2 | 2 | 59 | .52 | .071 | 43 | 26 | .57 | 116 | .17 | 3 | 1.75 | .03 | .11 | 2 | 3 |
| 3+00S 1+00W | 1 | 23 | 11 | 58 | .4 | 10 | 6 | 245 | 2.03 | 8 | 5 | ND | 6 | 45 | .3 | 3 | 2 | 36 | .27 | .104 | 14 | 14 | .40 | 163 | .15 | 6 | 2.82 | .02 | .10 | 2 | 1 |
| 3+00S 0+50W | 1 | 20 | 9 | 74 | .3 | 7 | 6 | 279 | 2.10 | 2 | 5 | ND | 6 | 46 | .2 | 4 | 2 | 39 | .27 | .125 | 22 | 13 | .33 | 104 | .16 | 3 | 2.32 | .02 | .08 | 1 | 1 |
| BL 00 | 1 | 35 | 9 | 99 | .1 | 16 | 6 | 466 | 1.71 | 10 | 5 | ND | 5 | 39 | .2 | 2 | 2 | 31 | .23 | .140 | 22 | 17 | .30 | 204 | .12 | 5 | 2.26 | .03 | .10 | 1 | 2 |
| BL 0+50S | 1 | 32 | 6 | 76 | .2 | 26 | 7 | 345 | 2.11 | 9 | 5 | ND | 8 | 48 | .2 | 2 | 2 | 42 | .36 | .043 | 27 | 29 | .46 | 182 | .13 | 7 | 1.85 | .03 | .22 | 1 | 2 |
| BL 1+00S | 1 | 39 | 10 | 70 | .1 | 26 | 7 | 408 | 2.41 | 8 | 5 | ND | 5 | 44 | .2 | 2 | 2 | 49 | .35 | .030 | 30 | 36 | .59 | 193 | .16 | 7 | 1.96 | .04 | .35 | 1 | 2 |
| BL 1+40S | 1 | 34 | 9 | 78 | .2 | 21 | 7 | 337 | 2.28 | 8 | 5 | ND | 8 | 57 | .2 | 2 | 2 | 47 | .40 | .075 | 41 | 28 | .46 | 110 | .12 | 2 | 1.32 | .03 | .21 | 2 | 1 |
| BL 2+05S | 1 | 38 | 12 | 55 | .3 | 15 | 9 | 352 | 2.74 | 5 | 5 | ND | 12 | 175 | .2 | 2 | 2 | 61 | .87 | .089 | 58 | 38 | .90 | 77 | .20 | 6 | 2.52 | .05 | .10 | 1 | 3 |
| BL 2+50S | 1 | 30 | 14 | 74 | .1 | 17 | 6 | 287 | 1.83 | 6 | 5 | ND | 6 | 40 | .2 | 2 | 2 | 34 | .23 | .077 | 19 | 19 | .31 | 206 | .12 | 2 | 2.05 | .03 | .09 | 1 | 1 |
| BL 3+00S | 1 | 24 | 6 | 56 | .1 | 9 | 7 | 235 | 2.42 | 5 | 5 | ND | 6 | 56 | .3 | 2 | 2 | 49 | .29 | .079 | 21 | 18 | .46 | 128 | .16 | 4 | 2.54 | .02 | .08 | 1 | 1 |
| BL 3+50S | 1 | 22 | 10 | 60 | .4 | 9 | 6 | 499 | 1.88 | 5 | 5 | ND | 7 | 40 | .4 | 4 | 2 | 38 | .24 | .102 | 17 | 14 | .31 | 148 | .14 | 2 | 2.14 | .03 | .07 | 1 | 4 |
| BL 4+00S | 1 | 30 | 5 | 57 | .1 | 15 | 8 | 289 | 2.81 | 2 | 5 | ND | 7 | 86 | .3 | 2 | 2 | 58 | .49 | .031 | 34 | 19 | .60 | 87 | .22 | 2 | 2.21 | .03 | .11 | 1 | 2 |
| 1+60S 0+50E | 1 | 29 | 10 | 112 | .1 | 15 | 6 | 515 | 1.55 | 7 | 5 | ND | 4 | 59 | .2 | 2 | 2 | 26 | .33 | .151 | 20 | 15 | .25 | 208 | .09 | 6 | 1.60 | .05 | .14 | 2 | 1 |
| 1+65S 1+00E | 1 | 33 | 5 | 47 | .1 | 15 | 6 | 371 | 1.97 | 5 | 5 | ND | 10 | 50 | .2 | 3 | 3 | 38 | .38 | .059 | 39 | 20 | .33 | 109 | .10 | 5 | .91 | .03 | .16 | 2 | 5 |
| 1+75S 1+50E | 1 | 33 | 15 | 102 | .2 | 20 | 6 | 428 | 1.99 | 8 | 5 | ND | 9 | 61 | .2 | 3 | 2 | 34 | .41 | .093 | 36 | 22 | .34 | 228 | .12 | 10 | 1.78 | .04 | .24 | 1 | 5 |
| 1+75S 2+00E | 1 | 31 | 13 | 51 | .5 | 15 | 6 | 265 | 1.98 | 7 | 5 | ND | 11 | 49 | .4 | 4 | 2 | 36 | .38 | .037 | 38 | 21 | .30 | 107 | .12 | 5 | 1.14 | .04 | .18 | 1 | 3 |
| 1+85S 2+50E | 1 | 24 | 14 | 74 | .3 | 12 | 6 | 317 | 2.08 | 5 | 8 | ND | 8 | 50 | .4 | 2 | 3 | 38 | .28 | .035 | 24 | 19 | .29 | 163 | .14 | 5 | 1.74 | .03 | .18 | 2 | 1 |
| 2+00S 3+00E | 1 | 30 | 11 | 114 | .2 | 16 | 7 | 490 | 1.93 | 6 | 5 | ND | 8 | 49 | .2 | 3 | 3 | 34 | .31 | .101 | 21 | 19 | .30 | 254 | .11 | 6 | 1.63 | .03 | .16 | 1 | 1 |
| 2+00S 3+50E | 1 | 33 | 5 | 72 | .3 | 13 | 6 | 303 | 1.59 | 5 | 5 | ND | 7 | 50 | .4 | 3 | 2 | 28 | .28 | .116 | 24 | 15 | .24 | 145 | .10 | 2 | 1.71 | .04 | .12 | 1 | 1 |
| 2+00S 4+00E | 1 | 42 | 9 | 71 | .3 | 17 | 8 | 438 | 2.55 | 7 | 5 | ND | 9 | 51 | .3 | 3 | 2 | 48 | .33 | .035 | 33 | 26 | .43 | 152 | .16 | 2 | 1.60 | .03 | .23 | 1 | 9 |
| STANDARD C/AU-S | 19 | 58 | 37 | 131 | 7.1 | 73 | 32 | 1052 | 3.98 | 38 | 18 | 7 | 40 | 56 | 19.8 | 15 | 19 | 56 | .45 | .093 | 39 | 56 | .89 | 188 | .07 | 32 | 1.89 | .06 | .14 | 12 | 49 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 TO P2 SOIL P3 SILT AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 21 1990 DATE REPORT MAILED: Nov 23/90 SIGNED BY..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2+25S 0+50E | 1 | 23 | 9 | 30 | .1 | 14 | 6 | 304 | 1.95 | 2 | 5 | ND | 7 | 132 | .2 | 2 | 2 | 41 | .52 | .023 | 32 | 23 | .33 | 89 | .12 | 8 | 1.99 | .05 | .04 | 1 | 1 |
| 2+30S 1+00E | 1 | 25 | 9 | 132 | .1 | 22 | 7 | 385 | 2.27 | 3 | 5 | ND | 6 | 60 | .4 | 2 | 2 | 48 | .37 | .123 | 19 | 32 | .57 | 163 | .15 | 7 | 1.65 | .03 | .21 | 1 | 1 |
| 2+30S 1+50E | 1 | 24 | 12 | 82 | .2 | 16 | 6 | 467 | 1.68 | 6 | 5 | ND | 6 | 56 | .2 | 4 | 2 | 32 | .34 | .148 | 21 | 17 | .26 | 96 | .10 | 8 | 1.68 | .03 | .09 | 1 | 2 |
| 2+35S 2+50E | 1 | 23 | 7 | 47 | .1 | 15 | 4 | 313 | 1.57 | 3 | 5 | ND | 4 | 49 | .2 | 2 | 2 | 32 | .34 | .079 | 24 | 17 | .26 | 102 | .09 | 4 | 1.12 | .04 | .10 | 1 | 2 |
| 2+40S 2+00E | 1 | 20 | 7 | 123 | .1 | 15 | 5 | 637 | 1.52 | 8 | 5 | ND | 2 | 69 | .2 | 2 | 2 | 26 | .38 | .286 | 21 | 14 | .20 | 205 | .09 | 8 | 1.64 | .04 | .08 | 1 | 1 |
| 2+50S 3+00E | 1 | 27 | 13 | 91 | .1 | 14 | 6 | 651 | 2.25 | 4 | 5 | ND | 7 | 79 | .2 | 2 | 2 | 49 | .45 | .124 | 35 | 22 | .33 | 201 | .13 | 6 | 1.17 | .03 | .12 | 1 | 11 |
| 2+50S 3+50E | 1 | 33 | 12 | 95 | .1 | 16 | 9 | 651 | 2.66 | 10 | 5 | ND | 11 | 120 | .2 | 2 | 2 | 53 | .57 | .197 | 45 | 23 | .42 | 223 | .14 | 3 | 1.70 | .04 | .15 | 1 | 2 |
| 2+65S 4+00E | 1 | 39 | 13 | 75 | .4 | 23 | 8 | 521 | 2.52 | 9 | 5 | ND | 11 | 91 | .4 | 4 | 3 | 55 | .57 | .127 | 51 | 32 | .58 | 132 | .13 | 6 | 1.34 | .06 | .24 | 1 | 3 |
| 3+00S 0+50E | 1 | 23 | 9 | 60 | .1 | 15 | 5 | 339 | 1.74 | 2 | 5 | ND | 3 | 49 | .2 | 2 | 2 | 38 | .31 | .067 | 16 | 18 | .26 | 111 | .11 | 4 | 1.37 | .03 | .09 | 1 | 1 |
| 3+00S 1+00E | 1 | 28 | 11 | 99 | .1 | 26 | 8 | 531 | 2.18 | 7 | 5 | ND | 6 | 47 | .3 | 3 | 2 | 43 | .29 | .066 | 25 | 26 | .43 | 227 | .14 | 6 | 2.27 | .03 | .18 | 1 | 2 |
| 3+00S 1+50E | 1 | 31 | 10 | 103 | .3 | 26 | 6 | 297 | 1.62 | 6 | 8 | ND | 5 | 40 | .3 | 3 | 5 | 32 | .23 | .065 | 12 | 20 | .35 | 204 | .12 | 6 | 2.05 | .04 | .12 | 1 | 3 |
| 3+00S 2+00E | 1 | 27 | 8 | 65 | .1 | 18 | 5 | 197 | 1.31 | 2 | 5 | ND | 4 | 45 | .2 | 2 | 2 | 22 | .26 | .156 | 13 | 12 | .23 | 155 | .10 | 8 | 1.92 | .05 | .09 | 1 | 1 |
| 3+00S 2+50E | 1 | 38 | 16 | 96 | .4 | 29 | 9 | 384 | 2.19 | 8 | 5 | ND | 7 | 58 | .5 | 3 | 2 | 41 | .37 | .069 | 22 | 32 | .57 | 219 | .14 | 7 | 2.36 | .05 | .20 | 1 | 3 |
| 3+00S 3+00E | 1 | 25 | 11 | 120 | .1 | 18 | 6 | 347 | 1.52 | 5 | 7 | ND | 4 | 46 | .2 | 2 | 2 | 28 | .25 | .092 | 16 | 16 | .26 | 173 | .11 | 7 | 1.77 | .04 | .10 | 1 | 2 |
| 3+00S 3+50E | 1 | 38 | 10 | 56 | .2 | 27 | 9 | 581 | 2.03 | 10 | 5 | ND | 8 | 68 | .2 | 2 | 2 | 48 | .55 | .052 | 40 | 34 | .65 | 158 | .13 | 4 | 1.30 | .07 | .22 | 1 | 4 |
| 3+00S 4+00E | 1 | 27 | 12 | 64 | .2 | 17 | 7 | 674 | 1.78 | 8 | 7 | ND | 9 | 60 | .2 | 2 | 2 | 35 | .37 | .123 | 28 | 18 | .26 | 155 | .10 | 10 | 1.27 | .03 | .10 | 1 | 1 |
| 3+00S 4+50E | 1 | 43 | 16 | 64 | .2 | 20 | 8 | 512 | 2.77 | 9 | 6 | ND | 12 | 130 | .2 | 2 | 12 | 62 | .69 | .135 | 61 | 28 | .56 | 123 | .13 | 3 | 1.28 | .06 | .16 | 1 | 6 |
| 3+00S 5+00E | 1 | 28 | 12 | 68 | .1 | 14 | 7 | 490 | 2.04 | 6 | 5 | ND | 6 | 99 | .2 | 2 | 2 | 48 | .52 | .156 | 37 | 19 | .36 | 118 | .13 | 6 | 1.09 | .04 | .13 | 1 | 2 |
| 4+00S 0+50E | 1 | 18 | 2 | 30 | .2 | 6 | 3 | 153 | .82 | 5 | 5 | ND | 2 | 20 | .2 | 3 | 4 | 17 | .12 | .075 | 5 | 5 | .09 | 71 | .06 | 2 | .86 | .03 | .04 | 1 | 2 |
| 4+00S 1+00E | 1 | 23 | 12 | 55 | .1 | 16 | 6 | 259 | 2.06 | 4 | 5 | ND | 4 | 55 | .4 | 2 | 2 | 33 | .29 | .103 | 14 | 19 | .43 | 139 | .14 | 5 | 2.87 | .03 | .09 | 1 | 1 |
| 4+00S 1+50E | 1 | 21 | 12 | 70 | .1 | 9 | 7 | 555 | 2.28 | 8 | 5 | ND | 3 | 67 | .2 | 2 | 2 | 38 | .30 | .151 | 16 | 9 | .31 | 123 | .16 | 3 | 2.72 | .03 | .06 | 1 | 1 |
| 4+00S 2+00E | 1 | 28 | 9 | 79 | .1 | 17 | 6 | 295 | 1.79 | 4 | 5 | ND | 5 | 36 | .2 | 2 | 2 | 35 | .21 | .067 | 17 | 17 | .26 | 155 | .12 | 6 | 1.72 | .03 | .09 | 1 | 5 |
| 4+00S 2+50E | 1 | 14 | 14 | 64 | .5 | 12 | 4 | 354 | 1.55 | 7 | 5 | ND | 6 | 30 | .4 | 4 | 2 | 30 | .19 | .128 | 12 | 14 | .23 | 155 | .10 | 3 | 1.44 | .03 | .08 | 1 | 3 |
| 4+00S 3+00E | 1 | 35 | 17 | 76 | .1 | 26 | 8 | 316 | 2.50 | 6 | 5 | ND | 8 | 56 | .3 | 3 | 3 | 55 | .34 | .044 | 37 | 35 | .51 | 145 | .16 | 8 | 1.71 | .03 | .21 | 1 | 1 |
| 4+00S 3+50E | 1 | 27 | 9 | 114 | .1 | 20 | 5 | 359 | 1.47 | 8 | 8 | ND | 4 | 32 | .2 | 2 | 2 | 27 | .20 | .136 | 12 | 16 | .29 | 225 | .11 | 5 | 1.81 | .03 | .09 | 1 | 1 |
| 4+00S 4+00E | 1 | 32 | 8 | 109 | .1 | 25 | 6 | 498 | 1.46 | 4 | 5 | ND | 2 | 35 | .2 | 2 | 2 | 32 | .25 | .044 | 12 | 27 | .44 | 189 | .11 | 6 | 1.28 | .05 | .17 | 1 | 2 |
| 4+00S 4+50E | 1 | 25 | 12 | 89 | .4 | 20 | 6 | 320 | 1.68 | 10 | 5 | ND | 7 | 35 | .2 | 5 | 2 | 31 | .23 | .096 | 16 | 19 | .31 | 160 | .11 | 5 | 1.83 | .03 | .14 | 1 | 3 |
| 4+00S 5+00E | 1 | 48 | 5 | 40 | .1 | 15 | 6 | 465 | 1.59 | 6 | 10 | ND | 4 | 352 | .2 | 2 | 5 | 33 | 9.17 | .087 | 28 | 15 | .39 | 129 | .08 | 10 | .85 | .06 | .17 | 1 | 1 |
| 4+00S 5+50E | 1 | 25 | 11 | 78 | .1 | 16 | 7 | 316 | 1.94 | 4 | 7 | ND | 4 | 49 | .2 | 2 | 6 | 40 | .28 | .128 | 17 | 15 | .27 | 138 | .14 | 4 | 1.74 | .03 | .09 | 1 | 1 |
| 4+00S 6+00E | 1 | 26 | 3 | 57 | .1 | 13 | 5 | 300 | 1.68 | 7 | 5 | ND | 4 | 45 | .2 | 2 | 2 | 31 | .27 | .161 | 13 | 12 | .22 | 159 | .12 | 4 | 1.88 | .03 | .10 | 1 | 1 |
| STANDARD C/AU-S | 20 | 61 | 39 | 132 | 7.0 | 72 | 32 | 1054 | 3.97 | 42 | 19 | 7 | 39 | 52 | 19.0 | 15 | 23 | 58 | .46 | .100 | 40 | 59 | .90 | 187 | .08 | 32 | 1.89 | .06 | .13 | 13 | 46 |

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 1 | 75 | 5 | 64 | .2 | 13 | 6 | 339 | 2.10 | 25 | 5 | ND | 3 | 70 | 1.1 | 4 | 2 | 40 | .63 | .076 | 25 | 20 | .41 | 69 | .08 | 2 | .82 | .05 | .12 | 1 | 16 |
| 102 | 1 | 65 | 8 | 56 | .1 | 14 | 6 | 419 | 1.82 | 19 | 5 | ND | 3 | 86 | .7 | 2 | 2 | 36 | .67 | .074 | 29 | 19 | .37 | 82 | .08 | 4 | .94 | .04 | .11 | 1 | 7 |
| 103 | 1 | 16 | 9 | 37 | .1 | 10 | 4 | 337 | 1.62 | 6 | 5 | ND | 6 | 62 | .8 | 2 | 2 | 40 | .42 | .069 | 31 | 15 | .24 | 62 | .08 | 3 | .62 | .03 | .08 | 3 | 3 |
| 104 | 1 | 35 | 9 | 46 | .4 | 14 | 5 | 543 | 1.70 | 15 | 5 | ND | 2 | 123 | .5 | 2 | 2 | 41 | .68 | .081 | 48 | 20 | .38 | 103 | .08 | 4 | 1.42 | .05 | .08 | 1 | 3 |
| 105 | 1 | 20 | 8 | 28 | .1 | 9 | 4 | 455 | 1.24 | 5 | 5 | ND | 2 | 88 | .2 | 2 | 2 | 30 | .49 | .040 | 28 | 15 | .24 | 85 | .07 | 3 | .95 | .06 | .05 | 1 | 3 |
| 106 | 1 | 36 | 13 | 42 | .3 | 12 | 5 | 275 | 1.61 | 9 | 10 | ND | 2 | 153 | .3 | 2 | 2 | 39 | .89 | .070 | 46 | 22 | .40 | 88 | .08 | 2 | 1.41 | .04 | .08 | 2 | 6 |
| 107 | 1 | 97 | 19 | 55 | .5 | 21 | 6 | 340 | 2.24 | 18 | 8 | ND | 6 | 111 | .6 | 2 | 2 | 39 | .59 | .052 | 63 | 33 | .45 | 130 | .09 | 3 | 2.67 | .05 | .14 | 2 | 3 |
| 108 | 1 | 26 | 11 | 45 | .2 | 13 | 5 | 370 | 1.48 | 10 | 5 | ND | 4 | 81 | .5 | 2 | 2 | 34 | .51 | .061 | 36 | 19 | .33 | 88 | .08 | 2 | 1.19 | .04 | .07 | 2 | 1 |
| 109 | 1 | 24 | 13 | 34 | .2 | 9 | 4 | 211 | 1.52 | 5 | 7 | ND | 3 | 176 | .2 | 2 | 2 | 34 | .73 | .082 | 45 | 17 | .33 | 88 | .09 | 2 | 1.34 | .04 | .07 | 1 | 1 |
| 110 | 1 | 18 | 7 | 31 | .1 | 9 | 4 | 320 | 1.41 | 6 | 5 | ND | 4 | 129 | .3 | 2 | 2 | 35 | .57 | .077 | 37 | 16 | .29 | 75 | .09 | 2 | .97 | .04 | .07 | 1 | 1 |
| 111 | 2 | 22 | 8 | 20 | .6 | 8 | 4 | 229 | .91 | 6 | 9 | ND | 3 | 104 | .7 | 2 | 4 | 24 | .50 | .042 | 26 | 11 | .19 | 55 | .05 | 5 | .79 | .05 | .04 | 3 | 3 |
| STANDARD C/AU-S | 19 | 60 | 40 | 132 | 7.4 | 73 | 32 | 1059 | 3.99 | 44 | 20 | 7 | 36 | 53 | 18.5 | 15 | 23 | 58 | .47 | .095 | 37 | 61 | .89 | 180 | .07 | 33 | 1.96 | .05 | .14 | 13 | 52 |

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,921

N

RIDGE

LODE
REC. NO.2147

1N GOLDEN COUGAR

3N LODE

Old Trench

LCP RIDGE

BL 0+00

8+00N

13+00 N

12+00 N

11+00 N

10+00 W

9+00 W

BL 7+50 W

6+00 W

5+00 W

4+00 W

3+00 W

2+00 W

1+00 W

9+00 N

10+00 N

Draw valley

Magnetic Mafic Volc.

Abundant Tertiary Outcropping Mafic Volcanic

HEIGHT OF LAND

GOLDEN COUGAR
REC. NO.5880

Copper camp 3 km

MAIN ROAD

2N MOTHER
2N LODE

LCP GOLDEN COUGAR

LCP CHOW

OLD ROAD

Mother Lode Creek

CHOW
REC. NO.5655

Old Trench

DDH

5+00 N

4+00 N

3+00 N

2+00 N

PELI

Tertiary Volcanics
Knob Hill Chert

GOLD BUG

DEERHORN
L.1714, REC. NO.5666

TRI FR.
REC. NO.
15685

0+00

MORRISON

BEE
L.886, REC NO.5680

MOTHER

OLD ROAD (IMPASSABLE)

2+00 S

Morrison Portal

Old dump
(mostly washed away)

Old Dam

3+00 S

BUCK FR.
REC. NO.2149

Greenwood 4 km

Silt 101, 100m downstream

4+00 S

3 W 2 W 1 W 0 1 E 2 E 3 E 4 E 5 E 6 E

LCP MOTHER LCP LODE

HOT

SHANTER

LITTLE BUFFALO FR.
L.1717, REC. NO.2250

GOLD BUG NO.2

**LEGEND**

- INFERRED GEOLOGIC CONTACT
- OUTCROP
- CREEK
- ROAD
- 104 △ SILT SAMPLE LOCATION

0 100 metres

**DRAGOON RESOURCES LTD.**

LODE GROUP CLAIMS
GREENWOOD M.D., B.C.

**MAGNETOMETER SURVEY**
(Total field in gammas less 56 000 gammas)
&
**SURFACE FEATURES**

**BAPTY RESEARCH LIMITED**

| | | |
|---|---|---|
| SCALE: 1 : 2000 | N.T.S.: 82 E/2E | FIG. NO. 3 |
| DRAWN BY: | | |
| DATE: DECEMBER, 1990 | MAP NO. | |

CHOW
REC. NO.5655

N

MOTHER

HOT

SHANTER

LCP MOTHER / LCP LODE

Mother Lode Creek

DEERHORN
L.1714, REC. NO.5666

Tertiary Volcanics
Knob Hill Chert

TRI FR.
REC. NO.
5685

MORRISON

BEE
L.886, REC. NO.5680

BUCK FR.
REC. NO.2149

Greenwood 4 km

OLD ROAD / (IMPASSABLE)

Morrison Portal

Old dump
(mostly washed away)

Old Dam

Silt 101 100m downstream

LITTLE BUFFALO FR.
L.1717, REC. NO.2250

GOLD BUG NO.2

2+00 N
0+00
2+00 S
3+00 S
4+00 S

3 W
2 W
1 W
00
1 E
2 E
3 E
4 E
5 E
6 E

0 100 metres

**LEGEND**

- 3 / 38 ppb Au / ppm Cu — SOIL SAMPLE
- 3 / 104 △ / 55 ppb Au / ppm Cu — SILT SAMPLE
- CREEK



**DRAGOON RESOURCES LTD.**

LODE GROUP CLAIMS
GREENWOOD M.D., B.C.

**GEOCHEMICAL SURVEY**
**Au & Cu**

**BAPTY RESEARCH LIMITED**

| | | |
|---|---|---|
| SCALE: 1 : 2000 | N.T.S.: 82 E/2E | FIG. NO. 4 |
| DRAWN BY: | | |
| DATE: DECEMBER, 1990 | MAP NO. | |