BAPTY RESEARCH LIMITED
606 Trail Street
Kimberley, B.C. V1A 2M2
Fax (604) 427-2006
Tel (604) 427-7631
Tel (604) 426-6277

ASSESSMENT REPORT

SOIL GEOCHEMISTRY

GEOLOGICAL MAPPING

OCTOBER 1990 AIRBORNE GEOPHYSICAL SURVEY

GOLD CREEK PROPERTY

FORT STEELE MINING DIVISION

BRITISH COLUMBIA

NTS 82G/3W, 4E, 5E, 6W

LATITUDE 49° 15'N
LONGITUDE 115° 30'W

OWNER AND OPERATOR:

SOUTH KOOTENAY GOLDFIELDS INC.
305 - 675 W. HASTINGS ST.
VANCOUVER, B.C.
V6B 1N2

BY

PETER KLEWCHUK, GEOLOGIST
246 MOYIE ST.
KIMBERLEY, B.C.
V1A 2N8

MAY 6, 1991

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

APPENDICES

1.00 INTRODUCTION

1.10 Location and Access

The Gold Creek property is located immediately west of the Rocky Mountain Trench, 45 kilometers SE of Cranbrook, B.C. It covers approximately 24,000 hectares of land within the lower drainage of Gold Creek, a south-flowing tributary of the Kootenay River (Fig.1).

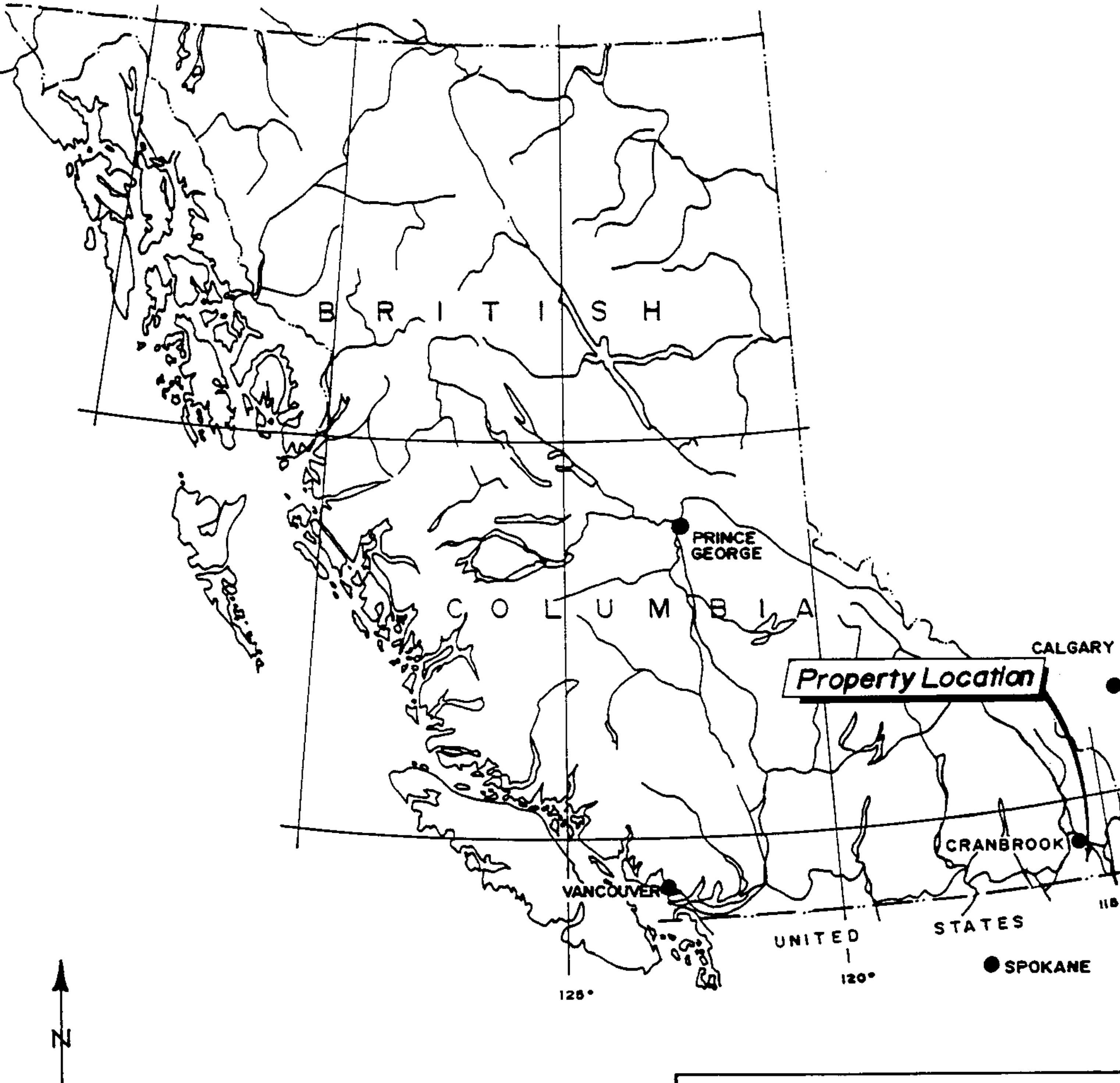
The property is readily accessible by road from Highway 3/93 at Jaffray or the Ranger Station west of Elko. Good logging roads cross much of the property.

1.20 Physiography

The property lies immediately west of the Rocky Mountain Trench in the southern Purcell Mountains. Topography is moderate to steep, ranging in elevation from 800 to 1700 meters. Mountain slopes and stream valleys are forested with Douglas Fir, Lodgepole and Yellow Pine and Western Larch.

Gold Creek flows southeasterly with tributaries Teepee and Caven Creeks flowing in from the west. Steep slopes on the west bank of Gold Creek are essentially unlogged while more gentle slopes to the east have been extensively logged in places.

Glacial drift is widespread. Bedrock exposures are limited and are found along ridges, stream gulleys and road-cuts.



SOUTH KOOTENAY GOLDFIELDS INC.

Gold Creek Project

LOCATION MAP

BRITISH COLUMBIA

BAPTY RESEARCH LTD.

DRAWN J.K.R.	MINING DIV: FT. STL.	FIGURE
N.T.S. 82K/4	SCALE AS SHOWN	1
DATE FEB., 1990	REVISED	

CLAIMS	RECORD NO.	UNITS	DATE OF RECORD	EXPIRY DATE
Gill	2983	12	1987/09/10	1995
Flathead 2	3067	18	1988/03/08	1994
Flathead 3	3068	18	1988/03/08	1992
Flathead 4	3069	16	1988/03/08	1993
Flathead 5	3070	18	1988/03/08	1992
Flathead 6	3071	18	1988/03/08	1993
Twin 1	3604	20	1989/08/17	1994
Twin 2	3605	12	1989/08/17	1993
Twin 3	3606	12	1989/08/17	1993
Twin 5	3282	12	1989/01/05	1992
Twin 6	3277	16	1988/12/19	1993
Twin 7	3278	16	1988/12/20	1992
Twin 8	3279	16	1988/12/22	1992
Twin 9	3280	16	1988/12/22	1992
Twin 10	3283	16	1989/01/09	1993
Twin 11	3284	16	1989/01/12	1992
Tan 1	3306	20	1989/02/01	1995
Tan 2	3307	20	1989/02/09	1995
Tan 3	3308	16	1989/02/11	1992
Tan 4	3309	16	1989/02/10	1993
Link 1	3898	20	1989/11/24	1994
Link 2	3899	12	1989/12/12	1991
Link 3	3904	20	1989/12/15	1991
Link 4	3905	20	1989/12/15	1991
Link 5	3906	20	1989/12/20	1991
Link 6	3907	20	1989/12/21	1991
KVN 1	3923	20	1990/01/08	1992
KVN 2	3924	20	1990/01/10	1992
KVN 3	3925	16	1990/01/11	1992
KVN 4	3926	16	1990/01/11	1992
KVN 5	3927	20	1990/01/12	1995
KVN 6	3928	12	1990/01/12	1995
Bloom 1	3948	20	1990/01/27	1992
Canyon	4337	20	1990/03/19	1994
TP 1	3316	16	1989/03/01	1992
TP 2	3317	16	1989/03/02	1992
TP 3	3318	20	1989/03/03	1992
TP 4	3319	20	1989/03/06	1992
TP 5	3320	20	1989/03/07	1992
TP 6	3321	20	1989/03/07	1992
TP 7	3322	20	1989/03/08	1992
TP 8	3323	20	1989/03/08	1992
TP 9	3324	10	1989/03/09	1992
TP 10	3325	16	1989/03/20	1992
TP 11	3326	20	1989/03/09	1992
TP 12	3327	16	1989/03/20	1992
TP 13	3328	20	1989/03/09	1992
TP 14	3362	16	1989/03/22	1992
TP 15	3363	20	1989/03/29	1992
TP 16	3364	16	1989/03/22	1992
TP 17	3365	20	1989/03/21	1992
TP 18	3366	15	1989/03/28	1992
TP 19	3367	12	1989/03/22	1992
TP 20	3368	20	1989/03/25	1992
TP 21	3369	16	1989/03/23	1992

1.30 History

Fine placer gold in Gold Creek has attracted small placer operations since about 1864 when placer gold was first discovered in the Cranbrook area. In 1988, South Kootenay Goldfields Inc. commenced an exploration program for lode gold sources in the Gold Creek area, based on known surface alteration zones, anomalous mercury in bedrock, and the known placer gold. Exploration activity since then has included prospecting, geologic mapping, soil and rock geochemistry, geophysics and diamond drilling.

1.40 Property

The Gold Creek property consists of 969 units in 56 mineral claims. This report concerns the following claims:

Claim Name	Record Number	Number of Units	Date of Record	Expiry Date
Twin 2	3605	12	Aug 17, 1989	1993
Twin 3	3606	12	Aug 17, 1989	1993
Twin 6	3277	16	Dec 19, 1988	1993
Tan 4	3309	16	Feb 10, 1989	1993
Link 1	3898	20	Nov 24, 1989	1994
Gold 15 Group		**76 units**		
Gill	2983	12	Sept 10, 1987	1995
Flathead 4	3069	16	Mar 8, 1988	1993
Gold 16 Group		**28 units**		
Flathead 2	3067	16	Mar 8, 1988	1994
Flathead 6	3071	6	Mar 8, 1988	1993
Canyon	4337	20	Mar 19, 1990	1994
Tan 2	3307	20	Feb 9, 1989	1995
KVN 5	3927	20	Jan 12, 1990	1995
Gold 17 Group		**84 units**		

1.50 1990 Exploration

In 1990, exploration activity on the Gold Creek property included soil geochemistry to follow up anomalous results from 1989 work, geological mapping, and an airborne geophysical survey.

The airborne Magnetic and VLF-EM survey flown in August, 1990, over part of the Gold Creek claim block was done to help identify structure and magnetic parameters which might be related to gold mineralization.

2.00 GEOLOGY

2.10 Regional Geology

The Gold Creek property is located on the eastern flank of the Purcell Anticlinorium, a geologic sub-province which lies between the Rocky Mountain Thrust and Fold Belt to the east and the Kootenay Arc to the west.

The core of the anticlinorium contains a thick sequence of fine-grained clastic rocks of the Aldridge, Creston and Kitchener Formations. These range in depositional regime from basinal turbidites to tidal flat or flood plain deposits. The Gold Creek area tends to be of the latter with lowermost siltstones and very fine sands gradational to dolomites, quartzites and limestones higher in the section.

The Kitchener Formation is the oldest unit exposed and is successively overlain by the Van Creek, Nicol Creek, Gateway, Phillips and Roosville Formations (Table 1).

TABLE 1

Age, Name	Description
MESOZOIC Late Cretaceous or Tertiary	
Syenite	Grey-green, porphyritic.
PALEOZOIC Upper Devonian	
Fairholme Group	Limestone, dolomite, platey and argillaceous; siltstone, orthoquartzite and laminated limestone; buff grey limestone and minor siltstone with possible stromatoporoids.
PROTEROZOIC Helikian, Purcell Supergroup	
Roosville Formation	Green siltstone and argillite; stromatolitic dolomite and dark brown oolitic dolomite, quartz arenite toward the top.
Phillips Formation	Maroon micaceous siltstone, quartz wacke and argillite.
Gateway Formation	Dolomite, lamellar and stromatolitic, well developed quartz wacke, green siltstone, argillite.
Nicol Creek Formation	Massive to amygdaloidal basaltic to andesitic lava flows, volcanic and feldspathic sandstone, siltite.
Van Creek Formation	Green, mauve laminated siltstone and quartz wacke, minor tuffaceous siltstone at top.
Kitchener Formation	Grey, black dolomite, limestone; green argillite, dolomitic siltstone.

Table 1. Lithologic descriptions of map units in the lower Gold Creek area (from Hoy and Carter, 1988).

Siltstone, shale and locally developed carbonates of the Van Creek Formation were deposited on extensive tidal flats or flood plains. Nicol Creek basaltic flows, volcaniclastics and tuffaceous rocks form an extensive sheet centered in the Cranbrook area, and extend north and south, within the Rocky Mountain Trench area. Overlying carbonates and siltstones of the Gateway, Phillips and Roosville Formations are evidently tidal flat or flood plain deposits.

The volcanic rocks of the Nicol Creek Formation are variably magnetic and apparently account for the prominent magnetic anomalies on regional aeromagnetic maps.

Mapping by Leech (1960) and Hoy and Carter (1988) shows a series of NNW trending, west-dripping normal faults cutting the Kitchener to Gateway stratigraphy in the lower Gold Creek area. The Gold Creek Fault is the most prominent of these, extending at least 100 kilometres from northwest of Cranbrook, southward into northern Montana.

The Gold Creek Fault closely parallels the trend of the Rocky Mountain Trench and may be considered a Laramide structure, but this northwest trend is also sub-parallel to structural breaks further west which host Precambrian base metal vein sulfides (eg. the St. Eugene and Vine veins). A strip of Devonian Fairholme Group is shown by Leech to occur along the west side of the Gold Creek Fault, north of Plumbob Creek. This fault contact represents considerable structural displacement and indicates a possible graben feature. These faults are seen as potential fluid channelways for hydrothermal solutions, which may have precipitated gold mineralization.

East-west cross-faults might also provide channelways for fluids and areas of intersection with the northwest structures may be favoured sites for mineral deposition. Although Hoy and Carter do not show any cross-faults in the lower Gold Creek area, both Schofield (1915) and Leech (1960) allude to the possibility of cross-faults in the Tepee - Plumbob creek area.

2.20 Property Geology

The Gold Creek area is underlain by Proterozoic and Paleozoic sedimentary and volcanic rocks (Figure 3). Basaltic flows and volcaniclastics of the Nicol Creek Formation occur in scattered outcroppings while siltstones, dolomites and dolomitic quartzites of the Gateway Formation are widespread. Quartzites of the overlying Phillips Formation and fossiliferous limestones of the Upper Devonian Fairholme Group outcrop in the northeast.

Bedding generally strikes north-northwest with a 30 to 40 degree dip to the northeast.

The claim area is transected by a series of NNW-trending normal faults and associated splay faults. The most prominent is the Gold Creek Fault. This is an extensive structural break and may be a controlling feature for deposition of hydrothermal mineralization.

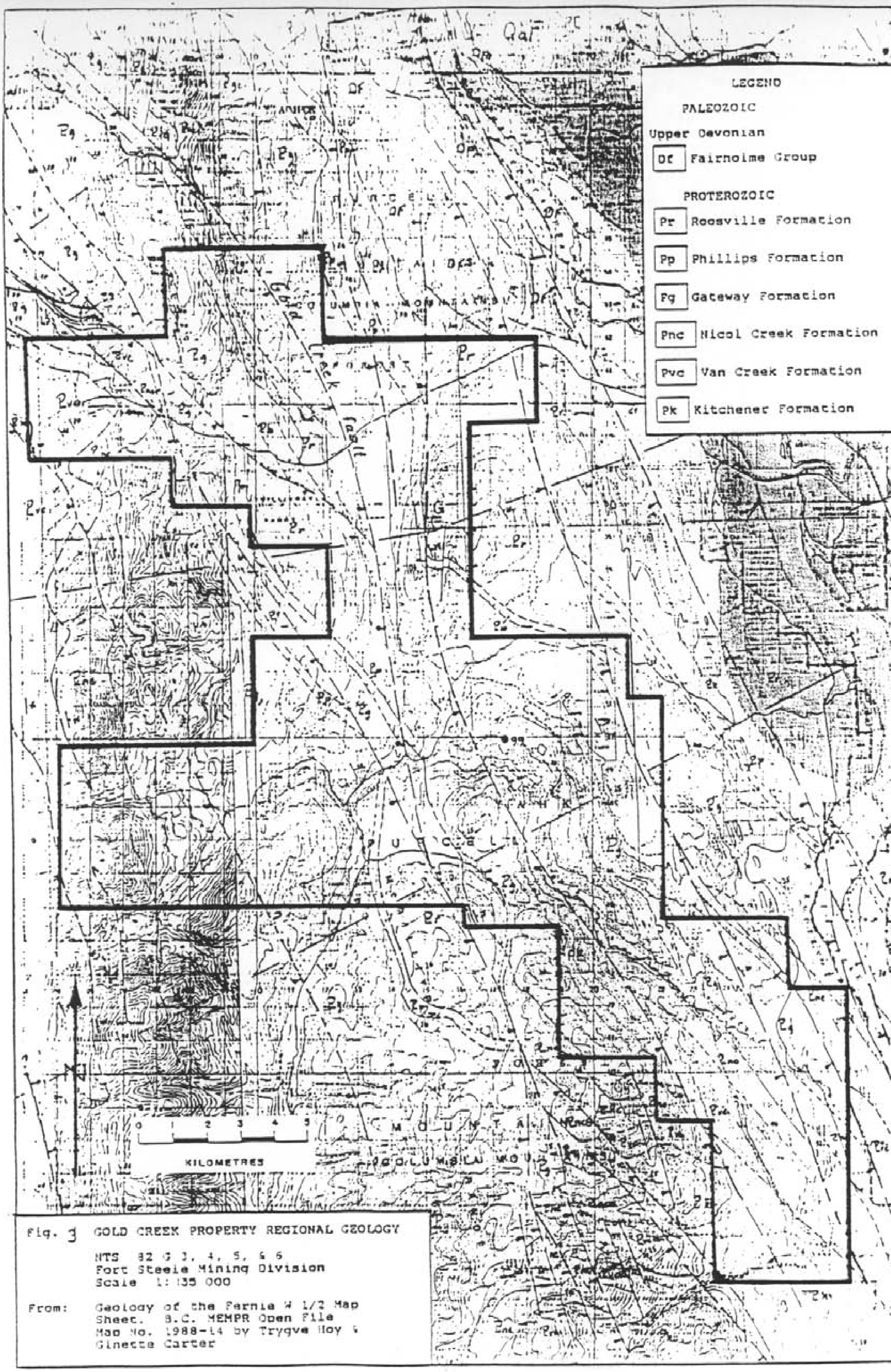


Fig. 3 GOLD CREEK PROPERTY REGIONAL GEOLOGY

NTS 82 G 3, 4, 5, & 6
Fort Steele Mining Division
Scale 1: 135 000

From: Geology of the Fernie W 1/2 Map Sheet. B.C. MEMPR Open File Map No. 1988-14 by Trygve Hoy & Ginette Carter

Bedrock exposure in the map area is sparse; there is extensive glacial drift cover which considerably hampers geologic mapping and inhibits interpretation of structure.

The area of the Gold 15 Group (Tan 4, Link 1, Twin 2, 3, & 6 claims) is located on the northeast slope of Gold Mountain. Bedrock geology consists of a sequence of north-west striking, moderately northeast-dipping sedimentary and volcanic rocks.

In the area mapped, purple and green Van Creek Formation siltstones and rare quartzites are stratigraphically the lowest exposed rocks. The siltstone beds are typically very thin to thin bedded.

Overlying these to the northeast are amygdaloidal to massive dark green basaltic lavas of the Nicol Creek Formation. These are occasionally porphyritic with small white plagioclase phenocrysts. The basalt flows are intermixed with light purple and tan colored, thin bedded volcaniclastic and tuffaceous siltstone and argillaceous siltstone.

At one location, on the lower west flank of the 1091 m knoll southwest of the "Green Bridge" on Gold Creek, a volcanic breccia was mapped. Angular amygdaloidal lava fragments ranging from a few cm to about 1 meter in length occur within a massive dark green lava. Minor coarse-grained pyrite occurs with the breccia.

Diamond drilling in late 1989 and early 1990 established that the volcanic flows can be magnetic and in places they contain considerable pyrite, both disseminated and in stratiform layers.

Rare chalcopyrite occurs with the pyrite and locally small massive concentrations of chalcopyrite and pyrite occur within narrow quartz veins.

Some of the volcaniclastic sediments drilled in the 1989-90 program were strongly pyritic, often with evidence of hydrothermal alteration. Rock geochemistry analyses did not establish any significant anomalous metals within these altered rocks. Dolomites, siltstones, and quartzites of the Gateway Formation overly the Nicol Creek volcanics. This thick unit is the most prevalent in the Gold Creek claim block and is the uppermost stratigraphy exposed in the map area. Ripple-marked, laminated grey, maroon and green siliceous siltstone is seen along with yellow-tan quartzites and buff-brown-orange weathering dolomites.

About 1200 m west of the Green Bridge on Gold Creek a new logging landing has cut into an extensively brecciated and altered zone within Gateway Formation dolomitic siltstones. Extensive yellow-pink hematitic alteration is present with chlorite, minor quartz veining, disseminated pyrite and rare chalcopyrite. This zone could not be traced because of surrounding overburden cover.

Thus some evidence of structurally-related hydrothermal alteration was observed in the map area but its extent and economic significance is not well understood. Evidently the recessive-weathering nature of such zones precludes their natural exposure on surface.

3.00 SOIL GEOCHEMISTRY

Reconnaissance contour soil geochemistry done in 1989 returned anomalous gold and copper values from a number of areas on the Gold Creek property.

One area, south east of the confluence of Gold Creek and Caven Creek, showed anomalous gold and copper in both soil and surface bedrock (talus) samples.

In 1990 this mineralization was further tested with a large soil geochem grid; 1153 samples were taken within a 12 square kilometer area (Fig. 2). A 5000 meter long base line was cut, oriented at N20°W (Az 160°). Intermediate tie lines were established parallel to the base line at 1 kilometer spacings. Sample lines were then run every 100 meters with samples taken at 100 meter intervals.

Samples were taken from the 'B' horizon where identifiable and placed in Kraft paper envelopes. Samples were shipped to Acme Analytical Laboratories Ltd. in Vancouver and analyzed for a 32 element ICP package and geochemical gold by standard analytical techniques.

Results for Gold and Copper are plotted on Figures 5 and 6 and complete geochemical results are provided in Appendix 1.

Gold values are low, tending to be below 10 ppb. Thirty-five of approximately 1100 soil samples have values of 10 ppb gold or greater; three samples are in excess of 100 ppb gold. These highest gold values tend to occur isolated form each other and from other elevated values, thus a repeat analysis for gold on the three highest values was requested from the laboratory. The repeat analyses did not confirm the presence of anomalous gold and it can only be assumed that the original anomalous values are due to some lab problem.

Eight soil samples with gold values between 25 and 100 ppb are anomalous within the grid area and may represent bedrock sources of gold.

Copper values are also generally low with only 7 samples having 30 ppm or greater copper. The higher values, which range up to 530 ppm, are scattered over the grid area with no obvious concentration. One cluster of values between 12 and 20 ppm Copper occurring at Line 500S, 1000W in the southern part of the grid area may represent a bedrock source of weak copper mineralization.

Scattered copper mineralization has been noted by both prospecting and geologic mapping on the Gold Creek property. One of the areas of bedrock copper is near L1100N, 300W where 530 ppm copper was detected by the soil sampling (Fig. 6). Adjacent soil values are low (although 75 ppm copper occurs at L1100N, 100W) suggesting that the bedrock source is quite restricted in size. Generally, the soil copper geochemistry suggests that any copper weathering from bedrock in the area is rinsed out of the system quite rapidly.

Other metal values for the Gold Creek soils are low and no anomalous occurrences are evident.

4.00 AIRBORNE SURVEY

During August 26 and 27, 1990, Aerodat Limited flew a combined Helicopter-borne Magnetic and VLF-EM Survey over four blocks of the Gold Creek Property south of Cranbrook, B.C.

The Aerodat report is appended to this report. Part of area 4 of the survey was reported on in an assessment report dated March 8, 1991.

4.10 Area 1

Area 1 covers part of a fault slice of Devonian Fairholme Formation between two blocks of Gateway Formation siltstones. Regional magnetic maps produced by the Federal Government in the early 1970's show a strong northeast linear crossing the regional structure.

The Total Field Magnetic Contour Map (Area 1, Map 4) shows this feature as a prominent magnetic high crossing much of the central part of the map area. None of the geologic Formations underlying Area 1 are known to be magnetic, thus the linear mag anomaly may be a reflection of a buried structure. The VLF-EM Total Field Contours Map (Area 1, Map 6) shows discontinuous elongate east-west patterns which correlate more with topographic features than with the known structure or the magnetic signature.

4.20 Area 2

Area 2 covers the confluences of Bloom and Caven Creeks and Caven and Gold Creeks and includes much of the area of the soil geochemistry grid. A large magnetic high in the northeast corner of the map area (Area 2, Map 4) is dissected by a northwest-oriented linear mag low. The area of the mag anomaly is underlain primarily by Gateway Formation which is not known to carry any magnetite. The northwest-oriented linear low which cuts this mag high is oriented almost parallel to known regional faults defined by government mapping (see Leech, 1960) and the mag low linear may well represent a structure which has influenced the source of the mag high.

The VLF-EM Total Field Contour Map (Area 2, Map 6) displays patterns which tend to correlate with topography; it is doubtful that any of the VLF-EM 'anomalies' represent geologic structure.

4.30 Area 3

Area 3 covers part of the upper Gold Creek canyon and includes the area of mercury mineralization where the first Gold Creek property claims were staked.

The Total Field Magnetic Map (Area 3, Map 4) shows a northwest-oriented linear mag high crossing the northern part of the property. This anomaly may be related to the mag high at the northeast corner of Area 2. Prospecting in the northern part of Area 3 has located at least two occurrences of copper mineralization in Gateway Formation siltstones. Some relationship may exist between the mag anomaly and the copper mineralization.

The VLF-EM Total Field Contour Map (Area 3, Map 6) shows a series of highs and lows which trend east-west and cross the north-oriented ridge which parallels Gold Creek on its east side. There is a weak northwest-oriented VLF-EM high in the northern part of Area 3, roughly parallel to the mag anomaly.

4.40 Area 4

Area 4 covers the lower part of the northeast face of Gold Mountain, where geophysics and diamond drilling were done in 1989-90 and geologic mapping was done in 1990.

The VLF-EM data (Area 4, Map 6) appears strongly affected by topography, with the most prominent linear trend parallel to Gold Creek. Other anomalous responses occur coincidentally with smaller topographic features like the ridges and gulleys on the northeast slope of Gold Mountain. Northeast of Gold Creek in the area of relatively flat topography, there are no distinctive linears which might reflect buried structures.

The Total Field Magnetic data (Area 4, Map 4) shows two prominent mag high areas separated by a linear NW-oriented mag low. A linear E-W oriented mag low separates the two mag highs from the southern half of the survey area. These linears may reflect buried structures. The southern half of the survey area contains a more complex network of magnetic responses. Nicol Creek volcanics are known to underly part of this area and the pattern of anomalies reflects, at least in part, the patchy magnetic character of these volcanic rocks.

5.00 CONCLUSIONS

5.10 Soil Geochemistry

Soil geochemistry covering about 12 square kilometers of the Gold Creek claim block in the Gold Creek-Caven Creek confluence area has detected scattered occurrences of anomalous gold which may be related to bedrock sources. Generally, it appears that if bedrock sources of gold do occur in the soil grid area, soil geochemistry has not been very effective at detecting this mineralization.
At least one known bedrock occurrence of copper was detected by the soil geochemistry survey but no clusters of significant anomalous samples are present and it appears that any bedrock sources of copper in the area are minor or are buried by too much glacial debris to be detected by soil geochemistry. Further work is required to determine the significance of the soil geochem anomalies.

5.20 Geologic Mapping

Geologic mapping on the NE slope of Gold Mountain has identified an apparent normal succession of NW-striking, moderate NE dipping strata of the Van Creek, Nicol Creek, and Gateway Formations. Evidence of hydrothermal alteration and structure, which might be favourable for concentrating economic mineralization, exists in the mapped area but poor bedrock exposure limits the opportunity for tracing these features. The Geologic mapping provides a sound framework within which other exploration data such as the airborne geophysics survey or soil geochemistry can be better interpreted.

5.30 Airborne Geophysics

The Aerodat Limited airborne geophysical survey has provided useful regional coverage of parts of the Gold Creek claim block. The magnetic data suggests the existence of previously unknown structural breaks and thus has indicated areas for more detailed exploration.

6.00 RECOMMENDATIONS

The results of the Aerodat Limited airborne geophysical survey should be combined with known geological and geochemical information on the property to establish target areas for more detailed exploration.

7.00 STATEMENT OF EXPENDITURES

Itemized Cost Statement

Airborne Geophysics

Area 1	110.0 line kilometers	$ 7,469.28
Area 2	218.4 line kilometers	14,829.93
Area 3	51.7 line kilometers	3,510.56
Area 4	168.0 line kilometers	11,407.64
		$37,217.41

Geochemistry:	5km line-cutting @ $400/km	$ 2,000.00
	9km tie lines	
	3 man-days @ $200/day	600.00
	Soil collection 1100 samples	
	28 man-days @ $200/day	5,600.00
	4 X 4 Truck 21 days @ $50.00/day	1,050.00
	Geochem analysis and freight	
	1153 samples @ $13.25/sample	15,277.25
		$24,527.25

Drafting	3 days @ $150/day	$ 450.00
Report	6 days @ $300/day	1,800.00
Blueprints		87.50
		$ 2,337.50

Geol Mapping	22 man-days @ $200/day	$ 4,400.00
4 X 4 Truck	16 days @ $50/day	800.00
		$ 5,200.00

TOTAL	**$69,282.16**

Note: $9,150.00 of these costs have been previously applied in an assessment report dated March 8, 1991, on the Gold 14 Group.

8.00 REFERENCES

Hoy, Trygve, and Carter, Ginette, 1988. B.C. MEMPR Open File Map No. 1988-14, Geology of the Fernie W1/2 Map Sheet (and part of Nelson E1/2).

Leech, G.B. 1960. GSC Map 11-1960, Geology, Fernie (West Half).

Schofield, S.J., 1915, Geology of the Cranbrook Map-Area, British Columbia, GSC Memoir 76.

9.00 AUTHOR'S QUALIFICATIONS

As author of this report, I, Peter Klewchuk, certify that:

1. I am an independent consulting geologist with offices at 246 Moyie Street, Kimberley, British Columbia.
2. I am a graduate geologist with a BSc degree (1969) from the University of British Columbia and an MSc degree (1972) from the University of Calgary.
3. I am a Fellow in good standing of the Geological Association of Canada.
4. I have been actively involved in mining and exploration geology, primarily in the province of British Columbia, for the past 17 years.
5. I have been employed by major mining companies and provincial government geological departments.

Dated at Kimberley, British Columbia, this 6th day of May, 1991.

Peter Klewchuk
Geologist

APPENDIX 1

GOLD CREEK SOIL GEOCHEMISTRY

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

DATE RECEIVED: JUL 26 1990

DATE REPORT MAILED: July 31/90

ASSAY CERTIFICATE

Dragoon Resources Ltd. FILE # 90-2783R
305 - 675 W. Hastings St., Vancouver BC

SAMPLE#	Cu %
B 52211	1.00

- SAMPLE TYPE: Rock Pulp

SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

DATE RECEIVED: JUN 22 1990

DATE RE RT MAILED: June 28/90

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. FILE # 90-1772R Page 1
305 - 675 W. Hastings St., Vancouver BC

SAMPLE#	AU* ppb	Hg ppb
B 52351	510	5
B 52352	320	5
B 52353	37	5
B 52354	200	10
B 52355	4	10
B 52401	3	40
B 52402	1	50
B 52403	1	5
B 52404	1	60
B 52405	1	9500
B 52406	2	30
B 52407	3	240
B 52408	1	50
B 52409	2	40
B 52410	1	20
B 52411	1	20
B 52412	2	330
B 52413	3	10
B 52414	2	5
B 52415	2	6200
B 52416	3	13000
B 52417	1	180
B 52418	2	120
B 52419	2	150
B 52420	3	360
B 52421	5	350
B 52422	3	280
B 52423	2	20
B 52424	2	90
B 52425	3	20
B 52426	1	30
B 52427	6	20
B 52428	1	10
B 52429	1	20
B 52430	5	30
B 52431	1	50
STANDARD C/AU-R	480	1400

- SAMPLE TYPE: Rock Pulp AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
HG ANALYSIS BY FLAMELESS AA.

SIGNED BY C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	AU* ppb	HG ppb
B 52432	3	40
B 52433	1	30
B 52434	3	630
B 52435	1	150
B 52436	2	50
B 52437	1	440
B 52438	2	30
B 52439	1	20
B 52440	1	20
B 52441	1	40
B 52442	8	40
B 52443	3	30
B 52444	1	10
STANDARD C/AU-R	510	1400

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

DATE RECEIVED: SEP 1 1990

DATE REPORT MAILED: Sept. 10/90

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT GOLD CK. FILE # 90-3587R

SAMPLE#	AU* ppb	AU** ppb
L1300N 2100W	1	3

- SAMPLE TYPE: Soil Pulp AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

SIGNED BY C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

DATE RECEIVED: SEP 1 1990
DATE REPORT MAILED: Sept.10/90

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited FILE # 90-3434R

SAMPLE#	AU* ppb	AU** ppb
LOON 1300W	1	2

- SAMPLE TYPE: Soil Pulp AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

SIGNED BY. C. Leong. D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

DATE RECEIVED: SEP 1 1990
DATE REPORT MAILED: Sept. 10/90

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited FILE # 90-3498R2

SAMPLE#	AU* ppb	AU** ppb
L500N 1100W	1	3

- SAMPLE TYPE: Soil Pulp AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALY[illegible]AL LABORATORIES LTD. 852 E. HASTINGS ST. VAN[illegible]VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60[illegible]

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT GOLD CK. File # 90-4338 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
L600N 1600W	1	11	6	38	.1	13	4	476	1.35	3	5	ND	2	25	.2	2	2	15	.30	.183	5	9	.27	332	.10	4	2.09	.03	.09	1	7
L600N 1580W	1	6	9	29	.2	9	4	261	1.27	2	5	ND	3	14	.2	2	2	12	.15	.188	6	8	.29	469	.08	4	1.59	.02	.10	1	5
L600N 1560W	1	10	8	74	.1	10	4	456	1.29	3	5	ND	1	19	.2	2	2	15	.22	.188	6	10	.33	430	.08	4	1.63	.02	.09	1	2
L600N 1540W	1	8	6	40	.1	13	5	184	1.64	2	5	ND	3	19	.2	2	2	16	.21	.136	7	11	.37	342	.09	6	2.25	.02	.13	1	5
L600N 1520W	1	8	9	37	.1	12	5	316	1.54	3	5	ND	3	14	.2	2	2	15	.14	.080	7	9	.37	337	.09	5	2.09	.02	.11	1	6
L600N 1500W	1	7	9	38	.1	11	4	264	1.43	4	5	ND	3	16	.2	2	2	14	.17	.068	7	10	.35	280	.08	4	1.97	.02	.10	1	5
L600N 1480W	1	9	7	43	.1	11	4	482	1.42	3	5	ND	3	19	.2	2	2	14	.22	.092	9	9	.37	291	.08	3	1.79	.02	.10	1	2
L600N 1460W	1	11	7	45	.1	13	4	425	1.39	2	5	ND	3	18	.2	2	2	15	.15	.181	7	9	.32	343	.09	5	1.84	.02	.08	1	2
L600N 1440W	1	7	10	42	.1	11	4	365	1.38	2	7	ND	3	19	.2	2	2	15	.16	.204	6	9	.28	395	.09	4	1.87	.02	.08	1	4
L600N 1420W	1	9	5	45	.1	11	5	406	1.48	4	5	ND	3	20	.2	2	2	16	.17	.216	6	9	.30	421	.10	5	2.16	.02	.08	1	1
L600N 1400W	1	12	7	55	.1	13	5	493	1.63	2	5	ND	4	25	.2	2	2	18	.26	.230	9	11	.35	507	.09	5	2.06	.02	.10	1	1
L600N 1380W	1	9	6	46	.1	12	4	303	1.57	4	5	ND	4	21	.2	2	2	17	.26	.195	7	10	.29	368	.10	5	2.30	.02	.08	1	3
L600N 1360W	1	8	8	26	.1	13	5	176	1.65	4	6	ND	3	20	.2	2	2	15	.21	.226	7	10	.33	464	.10	4	2.53	.02	.07	1	1
L600N 1340W	1	7	9	38	.1	9	4	843	1.36	3	5	ND	2	12	.2	2	2	17	.19	.079	11	11	.34	477	.07	6	1.53	.01	.08	1	1
L600N 1320W	1	12	9	31	.1	13	5	148	1.68	2	5	ND	4	18	.2	2	2	16	.21	.232	8	10	.36	402	.10	3	2.40	.02	.07	1	2
L600N 1300W	1	8	10	28	.1	13	5	195	1.76	3	5	ND	5	17	.2	2	2	16	.21	.121	10	11	.43	428	.09	6	2.51	.02	.12	1	1
L600N 1280W	1	10	11	34	.1	14	6	265	2.06	5	7	ND	7	14	.2	2	2	18	.17	.185	13	13	.49	428	.09	6	2.65	.01	.09	1	1
L600N 1260W	1	7	8	33	.1	13	6	241	1.88	3	5	ND	5	17	.2	2	2	18	.21	.091	10	11	.44	413	.08	6	2.52	.01	.10	1	1
L600N 1240W	1	7	7	26	.1	9	5	379	1.55	2	7	ND	6	13	.2	2	3	13	.16	.037	13	10	.48	230	.07	5	1.72	.01	.11	1	2
L600N 1220W	1	9	11	45	.2	14	6	657	2.16	4	5	ND	4	15	.2	2	2	22	.23	.066	12	13	.53	369	.11	6	2.98	.01	.11	1	2
L600N 1200W	1	8	7	37	.1	13	5	297	1.86	2	5	ND	5	15	.2	2	2	17	.19	.065	11	12	.49	388	.09	5	2.63	.02	.12	1	1
L600N 1180W	1	9	9	45	.1	11	5	858	1.55	3	5	ND	3	16	.2	2	2	16	.18	.097	9	10	.38	404	.09	4	2.03	.02	.08	1	1
L600N 1160W	1	8	7	56	.2	13	6	570	1.80	4	5	ND	4	16	.2	2	2	17	.19	.223	11	11	.44	582	.08	6	2.22	.02	.11	1	1
L600N 1140W	1	7	10	40	.1	11	5	656	1.67	6	5	ND	2	14	.2	2	2	16	.16	.059	13	12	.46	448	.07	5	2.01	.01	.09	1	2
L600N 1120W	1	8	12	35	.1	10	5	530	1.57	2	5	ND	3	12	.2	2	2	16	.16	.065	13	12	.45	372	.06	4	1.89	.01	.09	1	2
L600N 1100W	1	8	12	44	.1	12	5	496	1.74	3	5	ND	5	16	.2	2	2	16	.20	.096	10	11	.46	534	.08	6	2.28	.01	.10	1	1
L600N 1080W	1	5	6	21	.1	9	4	376	1.47	2	5	ND	5	9	.2	2	2	13	.11	.024	17	10	.45	200	.06	2	1.35	.01	.07	1	2
L600N 1060W	1	8	11	44	.1	12	6	795	1.82	2	5	ND	4	11	.2	2	2	17	.15	.123	12	13	.50	586	.07	5	2.06	.01	.09	1	2
L600N 1040W	1	9	11	31	.1	11	5	448	1.65	4	5	ND	4	10	.2	2	2	16	.16	.065	14	11	.50	270	.07	5	1.78	.01	.09	1	2
L600N 1020W	1	7	11	34	.1	13	5	299	1.89	6	5	ND	6	8	.2	2	2	16	.14	.057	14	13	.55	268	.07	5	1.97	.01	.12	1	2
L600N 1000W	1	8	7	41	.1	12	6	1175	1.84	4	5	ND	4	15	.2	2	4	17	.30	.062	13	12	.54	344	.08	6	2.13	.01	.13	1	2
L550N 1600W	1	10	6	34	.1	12	4	346	1.28	2	6	ND	2	22	.3	2	2	15	.24	.147	7	8	.24	340	.10	4	2.08	.03	.08	1	2
L550N 1580W	1	9	8	31	.1	11	5	284	1.35	2	5	ND	4	21	.2	2	2	14	.20	.328	8	9	.28	596	.09	3	1.84	.02	.07	1	1
L550N 1560W	1	9	6	32	.1	12	4	247	1.33	2	5	ND	3	21	.2	2	2	14	.18	.207	7	9	.27	488	.09	4	1.93	.02	.07	1	2
L550N 1540W	1	8	9	34	.1	12	4	394	1.14	4	5	ND	3	27	.2	2	2	14	.25	.214	5	7	.23	612	.08	4	1.65	.02	.08	1	1
L550N 1520W	1	8	8	43	.2	12	5	329	1.40	3	5	ND	3	21	.2	2	2	14	.20	.233	9	9	.31	583	.08	5	1.80	.02	.10	1	2
STANDARD C/AU-S	18	57	38	130	6.7	70	31	1045	3.96	37	20	7	40	53	18.6	15	22	58	.52	.088	36	55	.89	181	.09	38	1.89	.06	.14	13	52

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: SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 12 1990 **DATE REPORT MAILED:** Sept 21/90 **SIGNED BY** D. Toye ..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
L600S 500W	1	9	7	11	.1	7	4	106	1.38	2	5	ND	5	6	.2	2	2	10	.17	.016	15	5	.21	103	.04	2	.77	.01	.07	1	4
L600S 400W	1	14	8	16	.1	12	7	253	2.21	3	5	ND	8	8	.2	2	2	13	.35	.021	17	8	.31	115	.03	2	1.08	.01	.10	1	1
L600S 300W	1	8	8	16	.1	11	6	239	2.39	4	5	ND	7	7	.2	2	2	14	.32	.037	17	8	.33	143	.03	2	1.13	.01	.08	1	5
L600S 200W	1	12	9	23	.1	13	6	156	2.20	5	5	ND	7	12	.2	2	2	14	.23	.049	14	8	.31	203	.06	2	1.41	.01	.09	1	2
L600S 100W	1	10	10	31	.1	14	5	251	2.26	2	5	ND	5	13	.2	2	2	18	.35	.029	10	9	.28	313	.09	2	2.11	.01	.10	1	4
L600S 00W	1	8	7	22	.1	9	4	173	1.56	6	5	ND	2	9	.2	2	2	11	.19	.035	9	8	.20	156	.06	2	1.33	.01	.10	1	2
L700S 2000W	1	6	5	21	.1	7	3	146	1.18	2	5	ND	5	9	.2	2	2	10	.14	.023	12	7	.25	154	.05	2	1.12	.01	.10	1	1
L700S 1900W	1	7	6	13	.1	10	4	155	1.40	4	5	ND	7	7	.2	2	2	9	.22	.028	19	8	.26	101	.03	2	.91	.01	.12	1	4
L700S 1800W	1	8	7	19	.1	11	6	444	1.69	2	5	ND	8	8	.2	2	2	10	.30	.027	21	8	.30	170	.03	2	.95	.01	.14	1	5
L700S 1700W	1	7	5	17	.1	11	7	437	1.69	2	5	ND	9	7	.2	2	2	9	.38	.030	22	10	.43	227	.02	2	1.02	.01	.16	1	1
L700S 1600W	1	15	11	22	.1	13	8	727	2.05	2	5	ND	6	9	.2	2	2	13	.37	.042	20	10	.39	193	.04	2	1.47	.01	.18	1	5
L700S 1500W	1	16	10	27	.1	12	8	647	2.10	2	5	ND	4	10	.2	2	2	14	.48	.048	19	9	.38	192	.04	3	1.38	.01	.16	1	3
L700S 1400W	1	15	8	26	.1	13	10	741	2.30	2	5	ND	7	13	.2	2	2	12	.53	.038	17	8	.53	260	.04	8	1.54	.01	.34	1	1
L700S 1300W	1	10	11	30	.1	11	7	557	1.73	7	5	ND	7	10	.2	2	2	9	.58	.046	18	9	.36	215	.03	5	1.16	.01	.21	1	1
L700S 1200W	1	11	9	34	.1	11	6	1254	1.53	2	5	ND	7	15	.2	2	2	9	.51	.038	18	9	.35	452	.04	4	1.21	.01	.19	1	1
L700S 1100W	1	10	7	19	.1	14	8	438	2.49	4	5	ND	9	8	.2	2	2	10	.43	.028	19	10	.50	160	.03	3	1.38	.01	.23	1	1
L700S 1000W	1	9	7	22	.1	11	8	756	2.12	5	5	ND	7	13	.2	2	2	10	.53	.034	18	8	.37	217	.04	6	1.36	.01	.22	1	1
L700S 900W	1	7	8	15	.1	11	6	252	1.54	4	5	ND	9	5	.2	2	2	6	.31	.028	24	8	.40	99	.01	2	.81	.01	.10	1	1
L700S 800W	1	6	8	15	.1	9	3	172	1.28	5	5	ND	3	11	.2	2	2	10	.23	.020	10	6	.18	155	.06	3	1.52	.02	.08	1	3
L700S 700W	1	7	9	19	.1	10	3	187	1.41	6	5	ND	2	13	.2	2	2	11	.23	.023	6	7	.19	227	.08	2	1.81	.02	.09	1	1
L700S 600W	1	4	8	12	.1	8	4	193	1.53	2	5	ND	5	8	.2	2	2	10	.20	.018	12	6	.20	138	.05	2	1.12	.01	.09	1	2
L700S 500W	1	6	8	14	.1	10	5	111	1.78	6	5	ND	6	9	.2	2	2	12	.24	.028	14	7	.25	134	.05	2	1.20	.01	.09	1	3
L700S 400W	1	12	7	15	.1	12	6	301	2.75	2	5	ND	9	6	.2	2	2	13	.38	.033	19	8	.36	132	.03	2	1.37	.01	.14	1	1
L700S 300W	1	13	8	21	.1	12	6	332	2.21	5	5	ND	4	8	.2	2	3	14	.21	.037	15	8	.27	119	.06	2	1.28	.01	.08	1	2
L700S 200W	1	11	9	28	.1	13	7	335	1.99	4	5	ND	5	12	.2	2	2	14	.33	.046	11	8	.26	217	.07	3	1.72	.01	.16	1	1
L700S 100W	1	11	6	15	.1	9	7	279	1.75	2	5	ND	8	8	.2	2	2	11	.30	.025	16	5	.20	206	.04	3	1.03	.01	.13	1	1
L700S 00W	1	8	10	38	.1	19	5	677	1.71	4	5	ND	4	26	.2	2	2	17	.63	.164	8	8	.23	539	.12	6	2.48	.03	.14	1	1
L800S 2000W	1	2	6	26	.1	7	3	329	1.26	3	5	ND	4	11	.2	2	2	9	.28	.022	13	8	.24	200	.05	3	1.06	.01	.11	1	4
L800S 1900W	1	5	7	36	.1	9	4	604	1.39	2	5	ND	5	10	.2	2	2	10	.25	.028	13	9	.24	319	.05	4	1.25	.01	.15	1	1
L800S 1800W	1	10	8	23	.1	12	7	1148	2.18	3	5	ND	5	15	.2	2	2	15	.48	.042	15	11	.39	845	.05	2	1.45	.01	.16	1	3
L800S 1700W	1	10	8	19	.1	11	6	617	1.87	3	5	ND	8	10	.2	2	2	12	.32	.022	19	10	.38	355	.04	2	1.23	.01	.15	1	2
L800S 1600W	1	14	9	26	.1	13	9	869	2.12	2	5	ND	7	13	.2	2	2	13	.75	.050	16	13	.54	746	.02	4	1.34	.01	.22	1	3
L800S 1500W	1	10	9	22	.1	13	9	603	2.30	2	5	ND	9	10	.2	2	2	13	.55	.044	16	11	.58	702	.02	2	1.15	.01	.20	1	6
L800S 1400W	1	17	11	25	.1	14	11	958	2.41	4	5	ND	7	15	.2	2	2	13	.63	.030	18	9	.49	776	.05	6	1.62	.01	.23	1	1
L800S 1300W	1	16	8	18	.1	15	8	322	2.20	3	5	ND	10	7	.2	2	2	11	.36	.035	22	10	.48	162	.02	3	1.22	.01	.18	1	2
L800S 1200W	1	6	7	15	.1	9	4	269	1.38	4	5	ND	6	8	.2	2	2	11	.27	.029	18	8	.25	231	.04	2	.88	.01	.08	1	1
STANDARD C/AU-S	18	60	40	131	6.8	73	31	1049	3.97	43	21	7	39	53	18.8	15	20	57	.52	.096	37	60	.90	182	.09	34	1.90	.06	.13	13	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L500S 2000W	1	6	6	26	.1	12	4	175	1.25	2	5	ND	3	11	.3	2	8	9	.20	.034	19	8	.25	143	.05	3	1.30	.01	.10	1	1
L500S 1900W	1	6	6	17	.1	6	4	360	1.20	2	5	ND	4	8	.2	2	2	9	.11	.019	21	7	.23	126	.03	2	.94	.01	.09	1	1
L500S 1800W	1	6	11	12	.1	8	5	184	1.26	2	5	ND	6	8	.2	2	2	6	.26	.026	26	6	.20	118	.02	5	.87	.01	.12	1	2
L500S 1700W	1	4	6	25	.1	10	5	351	1.56	2	5	ND	3	13	.5	2	2	11	.39	.038	16	9	.29	219	.05	7	1.53	.01	.15	1	5
L500S 1600W	1	4	5	23	.3	9	4	325	1.37	2	5	ND	4	12	.6	3	2	11	.23	.030	14	8	.21	243	.05	6	1.49	.01	.11	1	2
L500S 1500W	1	12	9	14	.1	15	12	266	2.33	2	5	ND	7	6	.2	2	2	8	.42	.038	23	7	.31	153	.02	6	1.26	.01	.20	1	1
L500S 1400W	1	8	3	19	.2	13	7	313	2.18	3	5	ND	6	11	.3	2	2	11	.37	.025	20	9	.28	146	.04	7	1.19	.01	.14	1	1
L500S 1300W	1	12	13	32	.1	16	11	850	2.56	2	5	ND	5	12	.3	2	2	12	.40	.054	24	10	.36	212	.03	4	1.49	.01	.20	1	3
L500S 1200W	1	18	11	29	.1	18	11	901	2.81	2	8	ND	4	12	.6	2	2	12	.52	.053	22	11	.42	230	.03	6	1.66	.01	.25	2	1
L500S 1100W	1	16	9	30	.1	15	10	857	3.13	2	5	ND	6	14	.7	2	2	13	.63	.024	21	11	.41	241	.05	10	1.86	.01	.26	1	4
L500S 1000W	1	18	17	39	.3	20	11	1221	3.25	2	5	ND	7	14	.2	2	2	13	.87	.050	20	11	.55	260	.03	9	1.69	.01	.34	1	14
L500S 900W	1	21	13	36	.1	19	12	1085	2.90	4	5	ND	2	11	.6	2	2	13	.95	.073	20	11	.71	247	.02	10	1.60	.01	.20	1	1
L500S 800W	1	20	12	30	.1	17	12	912	3.39	2	5	ND	4	10	.5	2	2	15	.53	.046	22	13	.59	206	.03	6	1.81	.01	.23	1	3
L500S 700W	1	14	5	21	.2	12	8	254	2.63	3	5	ND	8	9	.2	3	2	13	.49	.032	21	10	.38	147	.04	4	1.50	.01	.15	1	7
L500S 600W	1	6	8	19	.1	8	5	242	1.72	7	5	ND	4	10	.2	2	2	10	.26	.031	15	7	.22	118	.04	6	.98	.01	.11	1	2
L500S 500W	1	6	6	14	.1	8	4	177	1.18	2	5	ND	4	8	.2	2	3	9	.16	.021	15	6	.18	131	.04	2	.96	.01	.07	1	4
L500S 400W	1	5	7	15	.1	6	6	201	1.68	2	10	ND	5	10	.2	2	2	9	.35	.022	20	7	.23	175	.04	2	1.13	.01	.13	2	2
L500S 300W	1	7	2	14	.1	10	6	100	1.71	4	5	ND	4	7	.2	2	2	12	.18	.020	22	8	.28	71	.03	2	.94	.01	.06	1	1
L500S 200W	1	10	6	40	.2	10	5	414	1.66	4	5	ND	6	11	.5	2	2	12	.21	.033	16	8	.29	190	.05	5	1.39	.01	.11	1	2
L500S 100W	1	3	4	13	.1	9	5	131	1.77	2	5	ND	9	6	.5	2	4	12	.18	.022	22	8	.30	79	.03	2	.99	.01	.06	1	1
L500S 00W	1	9	14	37	.1	13	6	517	1.52	2	5	ND	2	27	1.0	3	2	14	.61	.237	7	9	.21	479	.08	6	2.14	.03	.12	1	1
L600S 2000W	1	6	5	24	.1	8	4	275	1.16	3	5	ND	6	11	.2	2	2	9	.29	.029	21	7	.22	152	.04	5	1.01	.01	.09	1	1
L600S 1900W	1	8	3	19	.1	8	4	238	1.13	2	5	ND	7	9	.3	2	2	7	.18	.019	23	7	.28	178	.03	4	.99	.01	.07	1	1
L600S 1800W	1	12	12	17	.1	8	6	451	1.57	2	5	ND	8	12	.6	2	3	9	.27	.032	22	8	.23	195	.04	4	1.25	.01	.18	1	1
L600S 1700W	1	12	4	23	.1	10	6	745	1.63	2	5	ND	6	13	.5	2	2	11	.43	.037	19	7	.26	291	.04	9	1.19	.01	.20	1	1
L600S 1600W	1	11	8	27	.2	12	8	539	1.89	4	5	ND	7	17	.2	2	2	12	.41	.035	17	8	.26	281	.06	5	1.87	.02	.20	1	1
L600S 1500W	1	13	11	22	.2	14	8	300	2.23	2	5	ND	9	14	.3	2	2	13	.35	.024	23	11	.33	163	.05	5	1.54	.01	.19	1	1
L600S 1400W	1	13	9	29	.1	13	10	552	2.88	2	5	ND	9	8	.2	2	3	12	.53	.032	23	11	.48	174	.03	7	1.58	.01	.21	1	3
L600S 1300W	1	18	8	35	.2	14	9	949	2.38	2	5	ND	8	16	.2	2	2	11	.56	.039	22	12	.38	295	.04	10	1.52	.01	.27	1	3
L600S 1200W	1	22	6	31	.1	18	12	904	2.79	4	5	ND	4	12	.2	2	2	11	1.56	.050	21	12	.78	218	.03	12	1.64	.01	.32	1	1
L600S 1100W	1	20	9	32	.3	17	11	1046	3.17	4	5	ND	7	15	.4	2	4	14	.68	.045	21	11	.49	226	.05	9	1.87	.01	.32	1	1
L600S 1000W	1	16	6	22	.1	16	11	489	2.97	4	9	ND	9	11	.2	2	2	13	.71	.022	23	12	.53	175	.03	5	1.64	.01	.24	1	2
L600S 900W	1	18	8	25	.4	16	11	815	2.67	5	5	ND	10	11	.6	2	5	13	.59	.020	23	11	.54	214	.03	9	1.50	.01	.23	1	1
L600S 800W	1	15	7	19	.1	14	9	401	2.28	2	5	ND	10	8	.3	2	2	10	.54	.042	26	11	.48	204	.02	5	1.35	.01	.23	1	2
L600S 700W	1	9	8	19	.1	11	6	246	1.81	2	5	ND	5	10	.2	2	2	12	.21	.026	15	8	.26	149	.05	3	1.36	.01	.11	1	5
L600S 600W	1	6	2	18	.2	12	4	223	1.56	2	5	ND	6	13	.2	3	2	12	.29	.029	10	8	.22	146	.06	2	1.61	.02	.09	1	1
STANDARD C/AU-S	20	58	36	130	7.0	72	32	1053	3.97	40	21	7	40	53	19.9	15	21	56	.52	.092	38	58	.90	183	.07	34	1.89	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L550N 1500W	1	9	8	31	.2	13	5	326	1.31	2	5	ND	2	20	.2	2	2	15	.19	.189	7	10	.29	469	.09	2	1.87	.03	.08	1	3
L550N 1480W	1	8	5	38	.2	12	5	407	1.37	2	5	ND	3	17	.2	2	2	16	.15	.276	6	9	.27	469	.09	2	1.96	.02	.08	1	1
L550N 1460W	1	11	7	29	.1	13	4	186	1.45	2	5	ND	4	18	.3	2	2	17	.16	.183	7	7	.28	297	.10	2	2.31	.03	.07	1	1
L550N 1440W	1	12	6	27	.3	14	5	405	1.57	4	5	ND	4	22	.3	2	2	18	.19	.344	8	9	.30	407	.11	2	2.51	.02	.07	1	1
L550N 1420W	1	8	8	29	.2	12	4	357	1.34	3	5	ND	3	17	.7	2	2	16	.18	.179	7	9	.30	309	.09	2	2.03	.02	.08	1	4
L550N 1400W	1	10	6	40	.1	12	5	648	1.34	2	5	ND	4	16	.3	2	2	17	.14	.312	6	9	.28	322	.09	2	2.01	.02	.08	1	1
L550N 1380W	1	6	9	37	.1	11	4	153	1.40	2	5	ND	4	11	.2	2	3	14	.18	.033	14	11	.45	215	.06	2	1.39	.01	.09	1	1
L550N 1360W	1	8	9	28	.3	10	5	348	1.33	2	5	ND	3	13	.2	2	2	14	.13	.172	9	9	.33	438	.07	2	1.73	.01	.10	1	1
L550N 1340W	1	7	8	21	.1	12	5	144	1.62	5	5	ND	4	12	.2	2	2	14	.16	.123	15	10	.47	371	.06	2	1.66	.01	.09	1	1
L550N 1320W	1	9	5	25	.2	13	5	346	1.39	6	5	ND	3	22	.3	2	2	17	.21	.253	7	9	.31	474	.10	2	2.19	.02	.08	1	6
L550N 1300W	1	12	5	21	.2	13	5	135	1.48	4	5	ND	4	23	.2	2	2	19	.19	.194	6	8	.27	385	.12	2	2.58	.03	.05	1	1
L550N 1280W	1	9	6	31	.1	12	4	447	1.24	2	5	ND	2	21	.3	2	2	16	.19	.149	5	9	.26	455	.09	2	1.98	.03	.08	1	1
L550N 1260W	1	7	5	28	.1	11	4	262	1.26	4	5	ND	3	22	.2	2	2	15	.22	.133	6	8	.30	421	.09	2	1.95	.03	.09	1	1
L550N 1240W	1	8	7	31	.2	12	4	394	1.31	2	5	ND	4	22	.2	2	2	16	.22	.240	6	8	.26	470	.10	2	2.08	.03	.09	1	1
L550N 1220W	1	9	5	31	.1	12	5	265	1.48	3	5	ND	3	21	.4	2	2	18	.23	.194	6	8	.31	376	.10	2	2.15	.02	.08	1	3
L550N 1200W	1	11	7	32	.2	12	5	443	1.53	2	5	ND	4	20	.3	2	2	19	.18	.188	8	9	.31	368	.11	2	2.33	.03	.07	1	1
L550N 1180W	1	7	5	40	.1	11	4	504	1.43	4	5	ND	2	15	.2	2	2	16	.18	.058	10	10	.40	342	.08	2	1.87	.02	.11	1	4
L550N 1160W	1	8	8	32	.2	14	5	314	1.65	3	5	ND	3	21	.2	2	2	17	.23	.191	9	10	.40	332	.09	2	2.23	.02	.10	1	1
L550N 1140W	1	5	5	32	.1	11	4	414	1.45	2	5	ND	3	15	.2	2	2	15	.20	.063	9	9	.40	367	.07	2	1.90	.02	.12	1	5
L550N 1120W	1	5	8	30	.1	10	4	359	1.33	2	5	ND	5	10	.2	2	2	14	.15	.046	15	10	.51	318	.05	2	1.40	.01	.09	1	14
L550N 1100W	1	6	7	28	.1	11	5	359	1.47	3	5	ND	4	16	.3	2	2	15	.19	.114	10	10	.41	432	.09	2	2.16	.02	.08	1	10
L550N 1080W	1	6	8	34	.1	12	5	555	1.61	4	5	ND	4	17	.2	2	2	18	.22	.128	9	10	.42	402	.08	3	2.01	.02	.09	1	3
L550N 1060W	1	6	9	46	.2	9	5	1910	1.35	4	5	ND	3	15	.3	2	2	15	.35	.056	10	9	.44	426	.06	2	1.63	.01	.11	1	1
L550N 1040W	1	9	5	36	.2	12	5	595	1.59	3	5	ND	3	16	.2	2	2	18	.23	.168	11	10	.37	415	.10	3	2.36	.02	.10	1	1
L550N 1020W	1	7	5	28	.1	12	5	239	1.50	4	5	ND	4	14	.2	2	2	16	.21	.107	8	9	.38	332	.08	2	2.05	.02	.12	1	1
L550N 1000W	1	7	9	37	.1	12	5	612	1.62	3	5	ND	4	10	.2	2	2	17	.13	.090	12	10	.47	352	.07	2	2.05	.01	.09	1	7
L500N 1600W	1	10	2	24	.1	13	5	114	1.47	4	5	ND	3	22	.3	2	2	15	.20	.190	8	9	.32	461	.09	2	2.13	.03	.08	1	2
L500N 1580W	1	10	6	50	.1	12	6	667	1.48	4	5	ND	3	19	.3	2	2	16	.20	.346	8	10	.33	788	.08	2	1.83	.02	.10	1	3
L500N 1560W	1	9	8	30	.2	13	4	212	1.52	5	5	ND	3	27	.3	2	2	16	.22	.220	8	10	.37	280	.08	2	1.99	.02	.10	1	6
L500N 1540W	1	8	4	37	.1	13	5	232	1.54	5	5	ND	2	16	.2	2	2	16	.17	.240	7	10	.36	479	.08	2	2.06	.02	.10	1	5
L500N 1520W	1	8	4	31	.1	13	5	151	1.54	3	5	ND	3	16	.2	2	2	15	.17	.167	8	9	.35	419	.09	2	2.17	.02	.10	1	7
L500N 1500W	1	9	9	30	.2	12	4	209	1.43	8	5	ND	3	19	.2	2	2	16	.18	.186	8	9	.32	347	.09	2	2.00	.02	.09	1	2
L500N 1480W	1	9	4	38	.1	12	4	397	1.21	3	5	ND	2	21	.2	2	2	15	.19	.136	5	8	.27	425	.08	2	1.69	.02	.09	1	1
L500N 1460W	1	12	5	34	.1	14	4	380	1.33	6	5	ND	3	25	.4	2	2	16	.19	.221	8	9	.30	333	.09	2	1.93	.02	.08	1	3
L500N 1440W	1	11	5	42	.1	13	4	319	1.41	4	5	ND	2	23	.3	2	2	17	.26	.192	7	10	.28	380	.10	2	2.17	.03	.07	1	1
L500N 1420W	1	9	9	39	.1	11	5	659	1.42	7	5	ND	2	17	.2	2	2	17	.19	.162	6	9	.31	490	.09	2	2.02	.02	.09	1	1
STANDARD C/AU-S	18	57	40	131	7.1	71	32	1046	3.96	36	18	7	39	52	18.4	19	20	56	.52	.090	36	56	.89	183	.09	35	1.89	.06	.14	13	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L500N 1400W	1	11	12	40	.1	12	5	345	1.55	2	5	ND	3	17	.3	2	2	17	.17	.183	10	9	.34	390	.10	2	2.27	.02	.07	2	3
L500N 1380W	1	11	6	45	.1	12	5	320	1.54	5	5	ND	3	16	.4	2	2	16	.17	.224	7	9	.30	540	.10	4	2.28	.02	.08	1	4
L500N 1360W	1	10	6	50	.1	12	5	687	1.41	2	5	ND	2	19	.3	2	2	15	.20	.192	7	7	.26	588	.10	2	2.12	.02	.07	1	4
L500N 1340W	1	8	5	44	.2	12	4	299	1.21	2	5	ND	3	21	.4	2	2	14	.21	.155	8	7	.28	541	.08	2	1.77	.02	.07	1	1
L500N 1320W	1	7	7	47	.1	11	4	310	1.23	2	5	ND	2	20	.2	2	2	13	.19	.126	8	7	.28	516	.08	2	1.83	.02	.10	1	5
L500N 1300W	1	10	9	41	.2	11	4	442	1.39	2	5	ND	2	22	.3	2	2	17	.21	.205	5	8	.22	377	.11	2	2.32	.03	.06	1	2
L500N 1280W	1	9	8	34	.1	15	5	157	1.76	2	5	ND	3	18	.2	2	2	16	.20	.085	10	9	.41	414	.09	2	2.42	.02	.09	1	3
L500N 1260W	1	6	10	33	.1	12	5	240	1.63	5	5	ND	3	13	.2	2	2	15	.15	.056	10	9	.40	347	.07	2	2.25	.01	.08	1	4
L500N 1240W	1	8	11	38	.1	15	5	258	1.98	2	5	ND	4	14	.2	2	2	16	.17	.206	8	10	.41	484	.09	3	2.62	.01	.09	1	4
L500N 1220W	1	9	10	28	.1	14	6	230	1.83	3	5	ND	4	17	.3	2	2	15	.28	.067	11	9	.40	323	.08	3	2.16	.02	.08	1	2
L500N 1200W	1	6	7	32	.2	9	4	458	1.33	3	5	ND	3	8	.4	2	2	14	.10	.037	13	8	.35	209	.05	2	1.25	.01	.07	1	4
L500N 1180W	1	7	7	30	.1	10	5	770	1.51	4	5	ND	3	14	.3	2	2	15	.25	.048	12	9	.45	401	.07	2	1.85	.01	.10	1	1
L500N 1160W	1	7	9	39	.1	11	4	887	1.35	2	5	ND	2	15	.2	2	2	15	.23	.077	8	7	.31	306	.09	2	1.88	.02	.11	1	1
L500N 1140W	1	9	10	31	.1	14	5	180	1.65	4	5	ND	5	19	.3	2	2	17	.25	.191	9	9	.38	450	.12	3	2.66	.02	.11	1	3
L500N 1120W	1	8	9	45	.1	12	4	562	1.50	3	5	ND	3	19	.3	2	2	18	.24	.203	5	8	.27	500	.12	2	2.27	.02	.08	1	3
L500N 1100W	1	10	12	34	.1	15	5	334	1.68	3	5	ND	3	19	.3	2	2	19	.19	.243	5	9	.31	448	.12	2	2.64	.02	.09	1	1
L500N 1080W	1	9	9	31	.1	13	4	295	1.44	2	5	ND	3	19	.4	2	2	17	.22	.117	9	9	.33	460	.10	2	2.21	.03	.08	1	3
L500N 1060W	1	12	12	32	.2	13	5	350	1.56	3	5	ND	4	20	.4	2	2	19	.22	.179	6	8	.28	409	.13	2	2.79	.03	.09	1	3
L500N 1040W	1	9	8	24	.2	10	4	281	1.34	5	5	ND	3	16	.2	2	2	15	.19	.150	5	8	.27	408	.09	2	2.04	.02	.08	1	2
L500N 1020W	1	10	9	32	.1	13	5	399	1.54	4	5	ND	2	17	.3	2	2	17	.21	.169	9	9	.36	490	.10	2	2.28	.02	.10	1	3
L500N 1000W	1	10	14	30	.2	12	4	723	1.45	4	5	ND	3	17	.4	2	3	16	.18	.132	8	8	.30	383	.10	2	2.29	.02	.09	1	1
L450N 1600W	1	7	13	40	.1	10	4	333	1.39	2	5	ND	4	16	.3	2	3	13	.16	.218	7	8	.30	543	.08	3	1.88	.02	.13	1	1
L450N 1580W	1	8	6	31	.2	12	4	228	1.42	5	5	ND	2	19	.2	2	2	15	.18	.174	6	9	.30	402	.09	2	2.01	.02	.10	1	2
L450N 1560W	1	8	11	49	.1	11	4	350	1.35	4	5	ND	2	18	.2	2	2	15	.21	.108	6	8	.31	420	.08	2	1.78	.02	.10	1	2
L450N 1540W	1	12	9	37	.1	12	4	353	1.49	4	5	ND	3	19	.5	2	2	13	.17	.149	8	8	.35	465	.08	2	1.90	.02	.11	1	1
L450N 1520W	1	8	9	36	.1	11	4	441	1.36	4	5	ND	2	18	.3	2	2	14	.16	.187	6	8	.30	469	.09	2	1.92	.02	.09	1	1
L450N 1500W	1	9	8	34	.1	10	4	360	1.20	2	5	ND	3	23	.5	2	2	13	.20	.274	6	7	.21	614	.09	2	1.75	.02	.08	1	4
L450N 1480W	1	12	9	40	.1	13	5	299	1.47	2	5	ND	4	19	.3	2	2	16	.17	.158	8	8	.29	409	.11	2	2.33	.02	.08	1	1
L450N 1460W	1	10	8	39	.2	11	4	431	1.36	2	5	ND	3	19	.4	2	2	15	.18	.222	7	8	.26	388	.10	2	2.10	.02	.08	1	2
L450N 1440W	1	7	11	32	.1	9	4	329	1.21	2	5	ND	3	17	.2	2	2	13	.19	.157	9	7	.32	373	.07	2	1.55	.02	.10	1	2
L450N 1420W	1	8	11	37	.2	9	4	428	1.35	2	5	ND	3	14	.4	2	2	16	.20	.109	6	9	.30	403	.07	2	1.73	.02	.09	1	2
L450N 1400W	1	16	7	29	.1	16	6	345	2.07	2	5	ND	7	21	.5	2	2	20	.29	.101	12	11	.41	368	.11	2	3.28	.03	.11	1	3
L450N 1380W	1	13	12	44	.2	12	5	310	1.61	5	5	ND	4	18	.4	2	2	18	.20	.264	10	9	.32	603	.10	2	2.30	.02	.09	1	1
L450N 1360W	1	8	9	42	.2	8	4	229	1.24	2	5	ND	4	15	.2	2	4	14	.19	.133	6	7	.25	313	.07	2	1.21	.01	.08	1	1
L450N 1340W	1	4	4	35	.5	9	4	545	1.01	2	11	ND	5	15	.5	2	3	11	.22	.142	7	6	.21	410	.05	2	1.23	.01	.09	1	1
L450N 1320W	1	10	10	34	.1	14	4	374	1.38	7	5	ND	3	19	.3	2	2	18	.21	.119	8	8	.24	239	.11	2	2.28	.02	.10	1	2
STANDARD C/AU-S	19	57	39	131	7.0	70	32	1047	3.99	38	19	7	39	52	18.4	20	17	56	.52	.088	36	56	.89	182	.09	36	1.89	.06	.13	13	53

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L450N 1300W	1	4	9	22	.1	8	3	456	1.10	4	5	ND	3	11	.2	2	2	11	.12	.042	16	8	.30	262	.06	2	1.31	.01	.09	1	1
L450N 1280W	1	11	12	21	.1	14	5	264	1.52	2	8	ND	4	22	.2	2	2	15	.22	.107	7	10	.29	401	.09	5	2.31	.03	.07	1	8
L450N 1260W	1	6	7	23	.1	8	3	483	1.09	4	5	ND	3	15	.4	2	2	13	.15	.107	5	8	.22	334	.07	2	1.54	.02	.08	1	1
L450N 1240W	1	11	7	33	.1	14	4	200	1.44	2	5	ND	4	27	.3	2	2	15	.23	.233	9	9	.28	430	.09	3	2.09	.03	.08	1	1
L450N 1220W	1	7	6	41	.1	9	4	399	1.19	2	5	ND	3	22	.4	2	2	14	.31	.200	6	9	.24	514	.07	2	1.53	.02	.09	1	1
L450N 1200W	1	10	8	27	.1	10	4	421	1.19	4	5	ND	2	24	.5	2	2	15	.21	.158	4	7	.19	355	.10	2	2.04	.03	.06	1	1
L450N 1180W	1	8	10	40	.1	13	4	418	1.26	3	5	ND	3	17	.2	2	2	15	.16	.151	10	10	.29	543	.07	2	1.64	.02	.07	1	1
L450N 1160W	1	11	8	30	.1	14	5	385	1.55	5	5	ND	4	26	.5	2	2	17	.25	.322	6	9	.27	601	.12	3	2.54	.03	.08	1	3
L450N 1140W	1	10	9	39	.1	12	5	351	1.43	4	5	ND	3	18	.4	2	2	15	.20	.193	7	10	.28	611	.09	2	2.03	.02	.06	1	3
L450N 1120W	1	7	8	63	.1	7	4	896	1.21	2	5	ND	1	15	.2	2	2	15	.17	.205	5	9	.21	504	.08	2	1.30	.02	.11	1	6
L450N 1100W	1	11	9	32	.1	13	5	294	1.48	4	5	ND	3	23	.2	2	2	16	.21	.384	7	10	.27	580	.11	3	2.46	.03	.06	1	2
L450N 1080W	1	10	9	40	.1	13	5	409	1.45	2	5	ND	4	20	.3	2	2	17	.22	.246	8	10	.31	521	.10	5	2.13	.02	.08	1	1
L450N 1060W	1	11	8	33	.1	15	5	320	1.62	2	5	ND	4	17	.2	2	2	18	.20	.283	8	11	.30	533	.11	2	2.47	.02	.07	1	1
L450N 1040W	1	11	7	35	.1	13	4	428	1.44	4	6	ND	3	24	.5	2	2	18	.26	.228	6	7	.20	455	.14	2	2.78	.03	.06	1	4
L450N 1020W	1	9	8	26	.1	12	4	714	1.28	2	5	ND	2	19	.3	2	2	15	.22	.186	5	8	.19	469	.11	2	2.13	.03	.06	1	1
L450N 1000W	1	9	5	33	.1	14	5	715	1.31	5	5	ND	3	23	.4	2	2	14	.33	.396	5	8	.21	883	.10	2	2.11	.02	.08	1	1
L400N 1600W	1	7	9	29	.2	13	4	158	1.45	2	5	ND	5	13	.3	2	4	13	.15	.065	16	11	.42	268	.06	2	1.48	.01	.09	1	1
L400N 1580W	1	9	10	52	.1	12	4	468	1.28	2	5	ND	3	23	.2	2	2	14	.27	.170	8	10	.31	545	.08	3	1.77	.02	.11	1	1
L400N 1560W	1	10	6	40	.1	13	4	492	1.45	3	5	ND	3	22	.4	2	2	15	.21	.299	6	9	.29	590	.11	2	2.29	.03	.10	1	1
L400N 1540W	1	10	11	36	.1	11	4	393	1.47	3	5	ND	4	22	.3	2	2	15	.27	.283	7	10	.32	577	.09	4	2.15	.02	.11	1	1
L400N 1520W	1	13	8	28	.1	14	5	282	1.65	3	6	ND	3	24	.3	2	2	18	.35	.178	10	9	.33	295	.12	2	2.80	.03	.10	1	1
L400N 1500W	1	9	9	30	.1	12	4	233	1.39	3	5	ND	3	18	.3	2	2	15	.21	.224	9	10	.31	447	.10	3	2.01	.02	.09	1	1
L400N 1480W	1	10	8	38	.1	12	5	438	1.52	6	5	ND	4	18	.4	2	2	16	.18	.318	7	10	.30	417	.09	4	2.23	.02	.09	1	7
L400N 1460W	1	7	11	30	.1	12	4	397	1.49	2	5	ND	3	12	.2	2	2	15	.17	.100	7	9	.36	287	.08	3	2.02	.02	.09	1	1
L400N 1440W	1	9	10	31	.1	16	5	203	1.85	2	5	ND	4	25	.3	2	2	16	.32	.285	10	10	.40	614	.10	7	2.55	.02	.11	1	1
L400N 1420W	1	8	8	42	.1	12	4	690	1.26	4	5	ND	2	24	.5	2	2	14	.31	.196	7	8	.27	553	.09	2	1.88	.02	.08	1	1
L400N 1400W	1	10	10	34	.1	11	4	251	1.24	2	6	ND	2	26	.4	2	2	14	.25	.273	5	9	.22	587	.10	3	2.10	.03	.09	1	8
L400N 1380W	1	9	11	47	.1	13	5	312	1.47	2	6	ND	4	22	.2	2	2	16	.21	.273	8	10	.29	720	.10	2	2.20	.03	.09	1	1
L400N 1360W	1	8	6	44	.1	9	4	588	1.24	2	5	ND	3	25	.2	2	2	14	.35	.253	5	9	.23	793	.08	2	1.68	.02	.10	1	5
L400N 1340W	1	7	11	28	.1	13	4	196	1.42	2	6	ND	4	16	.3	2	2	14	.14	.112	13	10	.38	445	.08	3	1.91	.02	.07	1	1
L400N 1320W	1	8	10	62	.1	14	5	262	1.55	2	5	ND	4	21	.2	2	2	16	.20	.216	11	11	.36	621	.10	3	2.05	.02	.09	1	1
L400N 1300W	1	10	7	44	.1	11	5	595	1.35	2	5	ND	2	25	.2	2	2	16	.27	.251	5	8	.25	560	.11	3	2.10	.03	.09	1	1
L400N 1280W	1	9	11	41	.1	14	5	380	1.49	4	5	ND	3	21	.2	2	2	16	.23	.226	7	11	.31	441	.11	2	2.25	.03	.10	1	1
L400N 1260W	1	10	10	39	.1	14	5	296	1.64	3	5	ND	4	17	.2	2	2	17	.19	.172	8	9	.35	359	.10	4	2.19	.02	.10	1	1
L400N 1240W	1	7	10	39	.1	14	5	476	1.48	3	6	ND	4	18	.3	2	2	15	.23	.157	9	10	.35	451	.09	3	1.98	.02	.11	1	1
L400N 1220W	1	8	9	36	.1	15	5	411	1.54	2	5	ND	3	21	.5	2	2	16	.31	.125	9	10	.38	403	.10	3	2.14	.02	.11	1	1
STANDARD C/AU-S	17	57	36	131	6.9	68	31	1043	3.94	41	20	7	40	53	18.7	15	19	58	.51	.087	36	56	.91	180	.09	34	1.87	.06	.14	12	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L400N 1200W	1	5	13	46	.1	10	4	536	1.35	2	5	ND	3	13	.4	2	3	13	.14	.155	7	8	.20	372	.07	8	1.95	.02	.06	1	2
L400N 1180W	1	6	9	54	.1	9	4	817	1.14	2	5	ND	1	19	.2	2	2	12	.27	.170	6	8	.17	578	.06	5	1.57	.02	.07	1	1
L400N 1160W	1	4	6	34	.1	11	4	390	1.12	2	5	ND	3	11	.2	2	2	10	.14	.045	7	8	.20	470	.05	10	1.70	.01	.07	1	1
L400N 1140W	1	5	10	29	.1	12	4	190	1.25	2	6	ND	3	8	.2	2	2	10	.09	.075	12	9	.24	401	.04	4	1.67	.01	.07	1	1
L400N 1120W	1	8	9	30	.1	15	4	280	1.33	2	5	ND	2	17	.3	2	3	14	.17	.119	8	8	.18	378	.08	2	2.23	.03	.06	1	2
L400N 1100W	1	4	10	45	.1	14	4	272	1.18	2	5	ND	2	12	.3	2	2	10	.15	.089	10	10	.22	453	.05	8	1.70	.01	.07	1	2
L400N 1080W	1	7	11	46	.1	15	5	732	1.29	2	5	ND	3	19	.2	2	2	13	.20	.240	9	9	.21	547	.07	3	1.88	.02	.07	1	1
L400N 1060W	1	7	10	46	.1	14	5	814	1.38	3	5	ND	2	15	.2	2	2	13	.19	.245	9	9	.22	642	.07	5	1.94	.02	.07	1	1
L400N 1040W	1	5	13	45	.1	11	4	999	1.30	2	5	ND	2	11	.2	2	2	12	.10	.156	8	8	.22	424	.06	4	1.87	.01	.08	1	3
L400N 1020W	1	6	8	46	.1	15	5	564	1.29	2	5	ND	2	17	.2	2	2	13	.30	.155	7	7	.20	335	.06	8	1.75	.02	.07	1	1
L400N 1000W	1	6	15	49	.1	13	6	459	1.64	2	5	ND	4	11	.5	2	3	15	.18	.124	13	11	.34	397	.05	3	1.98	.01	.07	1	1
L350N 1600W	1	4	8	34	.1	10	4	237	1.19	2	5	ND	3	21	.2	2	3	11	.22	.106	10	8	.23	404	.05	3	1.62	.02	.08	1	6
L350N 1580W	1	10	13	33	.1	13	5	159	1.62	2	5	ND	3	19	.2	2	4	14	.16	.253	9	10	.27	494	.07	4	2.33	.02	.10	1	4
L350N 1560W	1	5	9	30	.1	9	3	438	1.09	2	5	ND	2	18	.2	2	2	10	.21	.125	7	7	.21	381	.06	5	1.65	.02	.11	1	2
L350N 1540W	1	6	12	32	.1	11	3	187	1.26	2	5	ND	2	16	.2	2	3	12	.19	.120	8	8	.21	326	.07	4	1.98	.02	.10	1	4
L350N 1520W	1	8	9	38	.1	10	4	607	1.07	3	5	ND	1	22	.3	2	2	12	.21	.197	7	7	.16	564	.07	2	1.71	.02	.07	1	5
L350N 1500W	1	7	9	45	.1	9	4	666	1.23	2	5	ND	2	18	.4	2	2	13	.18	.269	7	7	.17	432	.07	3	1.92	.02	.07	1	8
L350N 1480W	1	8	10	51	.2	10	4	632	1.24	2	5	ND	4	17	.4	2	2	15	.17	.148	7	8	.16	372	.09	9	2.14	.03	.07	1	9
L350N 1460W	1	7	10	44	.1	10	4	518	1.16	2	5	ND	2	17	.2	2	3	13	.15	.212	7	7	.16	524	.07	5	1.86	.02	.07	1	1
L350N 1440W	1	6	9	44	.1	6	4	1317	1.00	2	5	ND	1	23	.2	2	3	10	.26	.345	5	6	.12	748	.06	3	1.43	.02	.08	1	1
L350N 1420W	1	7	10	38	.1	9	4	321	1.10	2	5	ND	2	25	.5	2	3	12	.29	.245	6	6	.15	394	.08	8	1.97	.03	.08	1	9
L350N 1400W	1	7	11	38	.1	10	3	508	1.23	2	5	ND	2	17	.2	2	2	12	.21	.220	6	7	.16	411	.08	3	2.13	.02	.07	1	1
L350N 1380W	1	6	9	60	.1	10	4	339	1.24	2	5	ND	3	17	.4	2	2	12	.19	.177	9	9	.25	654	.05	6	1.55	.01	.08	1	1
L350N 1360W	1	5	9	31	.1	8	4	128	1.24	2	5	ND	2	11	.2	2	3	10	.12	.063	9	8	.24	328	.05	2	1.96	.01	.06	1	5
L350N 1340W	1	7	10	49	.1	12	4	556	1.29	2	5	ND	3	20	.3	2	2	13	.23	.265	7	9	.20	604	.08	7	1.98	.02	.08	1	1
L350N 1320W	1	6	12	46	.1	11	5	495	1.37	2	5	ND	3	15	.3	2	3	13	.15	.183	8	9	.24	541	.07	5	1.94	.02	.09	1	12
L350N 1300W	1	8	10	54	.2	14	5	516	1.35	3	5	ND	3	12	.2	2	2	14	.11	.244	6	7	.18	329	.08	8	2.10	.02	.07	1	1
L350N 1280W	1	6	11	35	.1	14	4	220	1.20	2	5	ND	3	15	.2	2	4	13	.15	.139	8	9	.19	322	.07	3	1.88	.02	.07	1	3
L350N 1260W	1	6	10	40	.1	12	5	351	1.17	2	5	ND	4	14	.2	2	2	10	.19	.128	13	8	.23	512	.04	5	1.37	.01	.07	1	5
L350N 1240W	1	6	13	50	.1	11	4	1149	1.17	2	5	ND	2	15	.4	2	2	11	.19	.157	8	8	.19	580	.06	4	1.56	.02	.09	1	1
L350N 1220W	1	7	13	57	.1	18	5	450	1.47	2	5	ND	4	15	.4	2	2	14	.20	.111	8	11	.25	539	.07	6	2.38	.02	.11	1	11
L350N 1200W	1	9	15	53	.1	18	5	414	1.50	3	5	ND	5	12	.3	2	4	16	.14	.120	12	10	.26	306	.07	7	2.09	.02	.08	1	3
L350N 1180W	1	5	9	62	.1	11	5	691	1.33	2	5	ND	4	17	.2	2	3	12	.19	.206	10	9	.24	676	.05	5	1.69	.01	.08	1	4
L350N 1160W	1	9	12	44	.1	11	4	494	1.29	3	5	ND	2	21	.4	2	2	14	.19	.282	7	8	.16	421	.09	2	2.34	.03	.07	1	1
L350N 1140W	1	6	10	52	.1	12	4	527	1.33	3	5	ND	2	13	.4	2	3	13	.19	.208	8	10	.23	455	.06	5	1.92	.02	.07	1	6
L350N 1120W	1	5	8	35	.1	7	3	455	1.02	2	5	ND	4	9	.2	2	2	8	.13	.096	18	8	.24	344	.03	4	.94	.01	.05	1	4
STANDARD C/AU-S	19	57	41	131	6.6	68	32	1051	3.96	39	20	7	38	53	18.9	15	21	55	.50	.090	39	60	.89	181	.07	34	1.87	.06	.14	13	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L350N 1100W	1	4	12	47	.1	9	4	447	1.05	2	8	ND	2	10	.2	2	3	11	.14	.106	10	8	.21	358	.05	3	1.28	.01	.10	3	2
L350N 1080W	1	3	4	48	.1	10	4	452	1.19	2	5	ND	2	12	.4	2	2	12	.11	.189	9	9	.22	470	.06	4	1.58	.02	.06	1	3
L350N 1060W	1	1	6	46	.2	10	4	378	1.26	2	5	ND	5	7	.2	2	2	12	.10	.040	17	9	.29	275	.04	4	1.26	.01	.08	1	4
L350N 1040W	1	4	8	32	.3	12	4	221	1.32	2	5	ND	4	11	.2	3	2	13	.15	.111	10	8	.24	340	.06	3	1.63	.02	.08	1	1
L350N 1020W	1	5	11	37	.1	8	4	743	1.27	5	5	ND	1	15	.5	2	5	15	.15	.249	6	9	.18	437	.07	2	1.75	.02	.09	1	1
L350N 1000W	1	7	2	36	.4	14	5	576	1.32	3	5	ND	4	14	.2	3	2	14	.15	.156	12	10	.26	376	.07	2	1.78	.02	.09	1	1
L300N 1600W	1	4	2	31	.1	13	4	208	1.37	3	5	ND	2	17	.2	2	2	14	.18	.109	12	10	.26	275	.07	3	1.87	.02	.11	1	1
L300N 1580W	1	8	10	31	.2	13	4	359	1.44	4	5	ND	5	17	.2	2	4	14	.16	.171	9	9	.25	330	.08	5	2.23	.02	.10	1	1
L300N 1560W	1	3	12	33	.1	10	3	379	1.28	2	5	ND	1	17	.2	2	4	13	.18	.188	7	8	.21	447	.07	3	1.74	.02	.11	1	7
L300N 1540W	1	8	6	32	.1	11	4	479	1.45	2	5	ND	1	22	.2	2	2	16	.22	.202	8	9	.19	309	.10	5	2.56	.03	.08	2	4
L300N 1520W	1	4	7	35	.1	11	4	338	1.45	2	5	ND	2	17	.3	2	2	14	.22	.192	9	9	.25	428	.07	3	2.18	.02	.08	2	2
L300N 1500W	1	7	2	32	.2	11	4	370	1.26	2	5	ND	5	20	.2	5	3	13	.25	.172	9	8	.21	458	.07	4	1.96	.03	.09	1	1
L300N 1480W	1	6	6	43	.1	9	4	751	1.41	3	5	ND	3	26	.9	2	2	15	.27	.320	7	8	.17	520	.10	4	2.39	.03	.09	1	3
L300N 1460W	1	3	9	37	.1	11	4	614	1.30	2	5	ND	1	24	.3	2	3	14	.32	.166	8	8	.21	517	.08	4	1.93	.03	.09	1	2
L300N 1440W	1	3	11	42	.1	11	5	548	1.26	4	5	ND	3	21	.6	4	9	14	.25	.132	7	8	.20	506	.08	5	1.83	.03	.08	1	1
L300N 1420W	1	4	6	39	.2	9	4	935	1.18	2	5	ND	2	23	.5	2	2	14	.29	.199	7	8	.17	625	.07	3	1.66	.03	.09	1	4
L300N 1400W	1	4	10	39	.1	9	4	751	1.29	3	5	ND	1	20	.3	2	2	13	.22	.178	9	10	.22	573	.07	3	1.72	.02	.09	1	1
L300N 1380W	1	2	5	35	.1	8	3	416	1.17	2	5	ND	1	15	.2	2	5	11	.21	.067	12	8	.25	464	.05	7	1.45	.02	.09	1	1
L300N 1360W	1	1	11	26	.1	10	3	342	1.23	4	9	ND	4	21	.7	2	2	14	.24	.322	6	7	.18	536	.08	7	1.89	.03	.09	1	2
L300N 1340W	1	8	5	24	.1	14	3	236	1.22	2	5	ND	2	21	.4	2	2	13	.24	.205	8	7	.18	375	.08	6	1.99	.03	.10	1	1
L300N 1320W	1	4	5	40	.1	7	3	892	.98	2	5	ND	3	17	.3	2	3	12	.20	.189	7	6	.15	588	.06	3	1.21	.02	.10	1	2
L300N 1300W	1	6	3	29	.1	12	4	217	1.15	4	5	ND	3	22	.3	2	4	12	.24	.142	8	7	.19	362	.07	6	1.66	.03	.10	1	2
L300N 1280W	1	10	5	45	.1	13	5	306	1.63	5	5	ND	5	21	.4	2	3	17	.22	.333	13	9	.25	352	.10	4	2.65	.03	.09	1	4
L300N 1260W	1	8	3	37	.3	15	6	350	1.72	5	5	ND	6	14	.3	2	3	15	.17	.080	15	11	.33	429	.07	5	2.32	.02	.09	1	1
L300N 1240W	1	8	8	27	.1	12	4	519	1.35	4	5	ND	6	12	.3	2	2	12	.18	.096	17	9	.27	346	.05	3	1.56	.01	.10	1	1
L300N 1220W	1	3	22	40	.1	16	7	338	2.02	3	5	ND	6	11	.2	2	3	16	.16	.200	17	13	.39	514	.07	4	2.33	.01	.10	2	1
L300N 1200W	1	7	2	38	.1	10	4	1248	1.26	3	6	ND	1	14	.3	2	6	12	.24	.058	12	8	.26	363	.05	2	1.40	.02	.09	1	1
L300N 1180W	1	6	2	41	.1	9	5	845	1.60	2	5	ND	3	13	.4	2	2	13	.26	.197	15	10	.34	523	.06	4	1.87	.02	.11	2	1
L300N 1160W	1	10	14	70	.2	8	5	2230	1.44	3	5	ND	2	17	.5	3	2	14	.31	.139	10	11	.26	634	.05	3	1.51	.02	.11	1	1
L300N 1140W	1	4	7	35	.1	12	5	515	1.67	4	5	ND	3	13	.2	2	5	16	.18	.119	13	10	.34	440	.07	2	2.13	.02	.09	1	1
L300N 1120W	1	4	10	42	.2	11	6	552	1.74	4	5	ND	6	15	.2	2	2	14	.31	.116	15	11	.39	379	.06	6	2.00	.01	.11	1	1
L300N 1100W	1	5	9	58	.1	6	4	1309	1.32	2	5	ND	3	20	.2	2	2	15	.37	.132	7	8	.21	453	.08	6	1.85	.02	.11	1	9
L300N 1080W	1	9	6	54	.1	10	4	755	1.72	5	5	ND	5	19	.6	2	7	20	.32	.199	9	9	.24	406	.12	3	2.97	.02	.08	1	1
L300N 1060W	1	8	8	37	.1	12	5	667	1.66	2	9	ND	4	20	.2	2	2	17	.30	.242	9	10	.30	489	.09	6	2.42	.02	.08	1	1
L300N 1040W	1	8	9	58	.1	11	5	1052	1.54	2	5	ND	3	15	.2	2	2	16	.26	.095	11	11	.31	537	.07	3	2.08	.02	.11	1	1
L300N 1020W	1	11	2	35	.1	10	4	303	1.38	4	5	ND	5	16	.3	2	2	14	.25	.127	12	9	.28	359	.07	2	2.01	.02	.07	1	2
STANDARD C/AU-S	19	58	40	131	7.1	72	32	1053	3.97	35	21	7	38	55	19.1	15	16	56	.51	.096	39	60	.90	180	.07	38	1.89	.06	.14	13	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L300N 1000W	1	14	8	32	.1	11	5	228	1.46	6	5	ND	5	8	.2	2	2	11	.13	.103	14	10	.40	342	.05	2	1.61	.01	.10	1	2
L250N 1600W	1	9	5	45	.2	12	4	582	1.35	3	5	ND	3	23	.2	2	2	14	.27	.224	6	8	.19	429	.10	2	2.06	.02	.10	1	3
L250N 1580W	1	10	9	55	.1	10	4	953	1.18	2	5	ND	2	21	.2	2	2	12	.35	.130	6	7	.22	493	.08	4	1.60	.02	.10	1	1
L250N 1560W	1	10	8	55	.1	11	4	558	1.27	2	5	ND	2	23	.3	2	2	14	.27	.231	5	7	.19	619	.10	3	1.89	.02	.11	1	2
L250N 1540W	1	7	7	47	.4	9	4	1412	1.37	3	5	ND	2	20	.2	2	2	15	.33	.101	5	8	.23	406	.08	2	1.73	.02	.10	1	3
L250N 1520W	1	5	8	34	.2	11	4	311	1.30	2	5	ND	4	21	.2	2	2	12	.32	.142	8	7	.23	380	.09	3	1.96	.02	.11	1	3
L250N 1500W	1	8	7	43	.1	11	4	463	1.29	3	5	ND	3	15	.2	2	2	12	.19	.105	8	8	.22	467	.08	3	1.79	.02	.11	1	1
L250N 1480W	1	9	7	39	.1	10	4	438	1.21	2	5	ND	2	31	.4	2	2	13	.41	.301	5	7	.18	668	.10	3	1.89	.03	.10	1	1
L250N 1460W	1	3	4	28	.1	6	3	531	.99	2	5	ND	3	15	.2	2	2	10	.22	.058	10	6	.19	297	.05	2	1.06	.01	.08	1	1
L250N 1440W	1	7	6	31	.1	8	3	739	1.06	3	5	ND	1	24	.3	2	2	12	.29	.123	4	6	.15	492	.08	2	1.43	.03	.09	1	1
L250N 1420W	1	9	5	27	.2	12	4	470	1.13	2	5	ND	2	31	.2	2	2	13	.33	.305	4	6	.16	451	.09	2	1.65	.03	.10	1	2
L250N 1400W	1	8	8	35	.2	10	3	309	1.08	2	5	ND	2	22	.3	2	2	12	.24	.159	5	6	.15	432	.08	3	1.61	.03	.09	1	6
L250N 1380W	1	7	7	32	.1	11	3	351	1.14	2	5	ND	2	18	.3	2	2	12	.20	.128	6	7	.17	390	.08	2	1.55	.02	.10	1	1
L250N 1360W	1	7	4	25	.1	10	3	497	1.09	5	5	ND	4	14	.3	2	3	10	.19	.176	11	6	.20	327	.07	2	1.33	.02	.07	1	3
L250N 1340W	1	6	8	31	.1	12	4	399	1.22	4	5	ND	2	15	.3	2	2	11	.22	.167	7	8	.20	612	.07	2	1.65	.02	.10	1	1
L250N 1320W	1	3	5	27	.2	10	4	872	1.06	2	5	ND	2	16	.3	2	2	11	.23	.122	7	7	.17	554	.06	2	1.31	.02	.09	1	1
L250N 1300W	1	6	6	29	.2	8	3	672	.99	4	5	ND	1	17	.3	2	2	11	.21	.129	4	7	.14	681	.07	2	1.31	.02	.08	1	5
L250N 1280W	1	7	7	39	.2	13	4	588	1.33	6	5	ND	4	15	.3	2	2	12	.19	.072	8	8	.23	472	.08	2	1.93	.02	.09	1	1
L250N 1260W	1	8	7	42	.1	16	5	679	1.64	11	5	ND	3	18	.2	2	2	17	.21	.277	7	8	.22	435	.12	2	2.76	.02	.09	1	1
L250N 1240W	1	10	8	50	.1	14	6	1064	1.76	9	5	ND	3	12	.2	2	2	14	.20	.146	10	11	.31	526	.08	2	2.32	.01	.10	1	1
L250N 1220W	1	12	10	61	.2	16	7	968	2.27	2	5	ND	3	14	.2	2	2	21	.22	.129	11	11	.37	359	.11	2	2.73	.01	.10	1	3
L250N 1200W	1	9	6	39	.2	11	5	506	1.51	2	5	ND	4	9	.2	2	2	13	.12	.146	12	9	.30	367	.07	2	1.82	.01	.09	1	1
L250N 1180W	1	11	11	63	.2	13	6	1488	1.95	7	5	ND	2	19	.2	2	2	17	.44	.314	9	10	.32	698	.10	2	2.51	.02	.09	1	2
L250N 1160W	1	14	11	47	.3	15	7	922	2.36	3	5	ND	3	15	.2	2	2	20	.25	.127	12	12	.42	376	.10	2	2.88	.02	.11	1	4
L250N 1140W	1	8	6	36	.1	14	5	482	1.87	2	5	ND	4	16	.2	2	2	15	.36	.117	10	10	.36	468	.09	2	2.49	.02	.13	1	5
L250N 1120W	1	11	9	47	.2	14	6	496	1.73	12	5	ND	4	14	.2	2	2	14	.25	.197	13	11	.37	447	.08	2	2.06	.01	.11	1	1
L250N 1100W	1	9	9	63	.2	15	7	1290	2.06	5	5	ND	4	14	.2	2	2	17	.34	.141	12	13	.45	424	.09	2	2.22	.01	.12	1	4
L250N 1080W	1	9	7	42	.1	13	5	746	1.49	7	5	ND	2	14	.2	2	4	17	.16	.264	7	8	.21	410	.11	2	2.37	.02	.06	1	3
L250N 1060W	1	6	8	42	.1	12	4	366	1.41	8	5	ND	3	10	.2	2	3	13	.17	.133	9	9	.28	372	.07	2	1.87	.01	.10	2	5
L250N 1040W	1	10	7	50	.2	15	5	900	1.58	5	5	ND	3	15	.3	2	2	16	.21	.116	8	9	.28	523	.11	2	2.31	.02	.08	1	2
L250N 1020W	1	2	8	39	.1	10	5	1616	1.25	5	5	ND	1	16	.3	2	3	13	.38	.050	8	7	.23	540	.07	2	1.54	.02	.08	2	1
L250N 1000W	1	5	5	29	.2	12	4	395	1.26	5	5	ND	3	11	.2	2	3	12	.14	.148	12	9	.27	437	.07	2	1.79	.02	.06	1	4
L200N 1600W	1	6	9	46	.1	11	4	285	1.50	4	5	ND	2	21	.4	2	3	14	.30	.271	5	8	.22	752	.10	3	2.32	.02	.10	1	3
L200N 1580W	1	3	6	33	.2	11	4	301	1.22	5	5	ND	2	23	.3	2	3	13	.26	.253	5	7	.17	524	.11	2	2.04	.03	.07	1	4
L200N 1560W	1	6	6	21	.1	11	4	110	1.38	4	5	ND	6	12	.2	2	3	11	.15	.048	14	9	.29	254	.08	2	1.84	.02	.09	1	1
L200N 1540W	1	6	6	23	.2	13	4	255	1.30	4	5	ND	3	24	.4	2	2	14	.38	.195	7	8	.22	281	.10	3	2.00	.03	.11	1	2
STANDARD C/AU-S	18	57	37	131	7.0	71	32	1050	3.97	38	21	7	38	53	19.1	15	20	57	.52	.095	37	58	.90	181	.09	31	1.90	.06	.13	13	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L200N 1520W	1	11	8	31	.1	11	4	480	1.22	2	5	ND	3	22	.3	2	3	13	.23	.194	6	7	.19	623	.09	3	1.75	.03	.09	1	1
L200N 1500W	1	5	8	32	.1	11	4	546	1.31	2	5	ND	3	19	.2	2	2	13	.21	.223	6	7	.18	653	.09	4	1.80	.03	.08	2	3
L200N 1480W	1	11	9	24	.1	13	4	309	1.37	5	5	ND	4	20	.2	2	2	12	.27	.113	11	8	.23	329	.08	3	1.80	.02	.09	1	1
L200N 1460W	1	11	9	40	.1	13	4	495	1.41	5	5	ND	3	20	.2	2	2	14	.22	.096	8	8	.24	455	.10	3	2.14	.02	.12	2	1
L200N 1440W	1	7	7	36	.1	13	4	473	1.35	12	5	ND	3	18	.3	2	2	13	.25	.057	8	8	.24	356	.08	3	1.96	.02	.13	2	2
L200N 1420W	1	5	6	45	.1	11	4	669	1.25	2	5	ND	2	19	.3	2	2	12	.26	.106	7	8	.21	587	.08	3	1.81	.02	.10	1	2
L200N 1400W	1	4	9	40	.1	11	3	368	1.23	3	5	ND	2	19	.3	2	4	13	.20	.200	5	7	.18	460	.10	2	1.92	.02	.10	1	4
L200N 1380W	1	7	7	27	.1	8	3	485	1.06	2	5	ND	4	12	.2	2	2	9	.21	.054	16	7	.25	298	.05	2	1.21	.01	.09	1	6
L200N 1360W	1	10	8	34	.1	15	4	430	1.36	10	5	ND	3	17	.3	2	2	12	.20	.173	9	8	.23	426	.10	2	2.06	.02	.10	1	2
L200N 1340W	1	9	9	37	.1	14	5	292	1.63	2	5	ND	4	17	.2	2	2	13	.25	.149	12	10	.32	507	.09	2	2.17	.02	.11	1	5
L200N 1320W	1	7	9	54	.1	13	6	728	1.81	5	5	ND	5	14	.2	2	2	16	.18	.088	14	11	.36	423	.09	2	2.19	.01	.11	1	7
L200N 1300W	1	7	6	50	.1	11	5	1020	1.58	5	5	ND	3	15	.2	2	3	13	.26	.101	15	10	.34	382	.07	2	1.62	.01	.10	1	5
L200N 1280W	1	7	9	34	.1	11	5	1192	1.63	2	5	ND	3	17	.3	2	2	14	.28	.045	11	9	.30	394	.09	3	2.26	.02	.12	1	3
L200N 1260W	1	9	8	55	.1	15	6	1045	1.79	2	5	ND	3	17	.2	2	2	17	.26	.143	10	11	.33	475	.10	4	2.37	.02	.10	1	2
L200N 1240W	1	11	9	37	.1	12	5	1110	1.51	2	5	ND	2	18	.2	2	2	16	.23	.106	9	8	.23	443	.10	2	2.27	.02	.11	2	5
L200N 1220W	1	9	9	38	.1	12	5	805	1.50	5	5	ND	3	14	.2	2	2	13	.22	.083	10	9	.30	404	.08	2	1.82	.02	.11	2	11
L200N 1200W	1	9	7	30	.2	11	4	703	1.38	2	5	ND	3	19	.4	2	2	14	.28	.170	7	7	.20	550	.11	3	2.21	.03	.09	1	8
L200N 1180W	1	8	9	24	.1	13	4	404	1.42	2	5	ND	3	20	.2	2	2	12	.26	.226	7	8	.24	488	.09	2	2.11	.02	.09	1	9
L200N 1160W	1	12	8	32	.1	15	5	426	1.46	9	5	ND	4	14	.3	2	3	14	.18	.126	12	10	.31	537	.07	2	1.76	.02	.09	1	4
L200N 1140W	1	10	8	32	.1	11	4	550	1.34	6	5	ND	2	20	.4	2	2	14	.30	.230	6	7	.18	493	.10	3	2.11	.03	.09	2	5
L200N 1120W	1	8	7	43	.1	9	4	640	1.30	3	5	ND	2	14	.3	2	2	13	.17	.226	7	8	.22	643	.07	4	1.65	.02	.08	1	5
L200N 1100W	1	12	9	71	.1	12	5	1021	1.30	2	5	ND	2	17	.2	2	2	13	.30	.139	9	9	.25	717	.07	4	1.63	.02	.11	1	1
L200N 1080W	1	7	9	50	.1	12	5	1177	1.49	6	5	ND	3	14	.2	2	2	15	.22	.126	8	9	.26	463	.09	4	1.92	.02	.09	2	1
L200N 1060W	1	12	10	44	.1	17	6	376	1.92	13	5	ND	5	13	.2	2	2	17	.20	.123	10	12	.39	487	.11	2	2.78	.01	.12	1	5
L200N 1040W	1	12	7	61	.1	9	4	2194	1.09	7	5	ND	3	21	.4	2	2	12	.53	.099	8	7	.23	890	.06	4	1.24	.02	.15	1	9
L200N 1020W	1	6	6	35	.2	8	4	835	1.08	2	5	ND	3	13	.2	2	2	11	.25	.051	15	8	.28	432	.05	2	1.16	.01	.09	1	1
L200N 1000W	1	6	8	30	.1	10	4	417	1.27	2	5	ND	3	9	.2	2	2	11	.16	.074	17	9	.32	352	.05	2	1.41	.01	.08	1	6
L100S 2000W	1	8	7	36	.1	7	3	1301	1.17	3	5	ND	1	15	.2	2	3	11	.44	.046	8	7	.23	322	.06	5	1.31	.02	.14	1	1
L100S 1900W	1	4	5	34	.1	7	3	469	1.04	2	5	ND	2	15	.2	2	2	11	.17	.103	9	7	.18	295	.06	3	1.23	.02	.08	1	3
L100S 1800W	1	4	7	23	.1	7	3	598	1.15	2	5	ND	4	10	.2	2	2	8	.16	.026	17	7	.23	174	.05	3	1.08	.01	.11	1	8
L100S 1700W	1	6	7	31	.1	10	4	592	1.49	2	5	ND	3	18	.3	2	2	12	.24	.049	9	8	.24	269	.08	3	1.95	.02	.15	2	2
L100S 1600W	1	8	8	33	.1	8	4	1127	1.19	2	5	ND	4	18	.3	2	3	8	.40	.044	13	8	.28	329	.05	4	1.21	.01	.13	1	2
L100S 1500W	1	11	10	34	.1	14	7	1149	1.89	2	5	ND	6	23	.2	2	2	15	.35	.042	19	12	.43	396	.08	3	2.20	.01	.20	1	1
L100S 1400W	1	14	8	30	.1	14	7	961	1.81	2	5	ND	7	15	.2	2	2	13	.36	.054	22	13	.51	341	.05	3	1.73	.01	.21	1	6
L100S 1300W	1	15	12	55	.1	17	9	2111	2.02	6	5	ND	5	33	.2	2	2	16	.53	.052	16	11	.37	774	.10	3	2.56	.02	.17	1	8
L100S 1200W	1	22	10	46	.1	12	8	1374	1.71	2	5	ND	3	26	.2	2	2	12	1.04	.085	15	7	.29	486	.05	8	1.55	.01	.27	1	3
STANDARD C/AU-S	18	61	36	131	6.9	71	31	1048	3.96	42	20	7	39	55	19.3	15	20	57	.52	.097	37	59	.89	182	.09	31	1.90	.06	.14	13	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L100S 1100W	1	11	9	31	.1	9	7	956	1.70	4	5	ND	6	16	.3	2	2	12	.50	.041	17	6	.24	299	.05	9	1.59	.01	.16	1	5
L100S 1000W	1	6	8	33	.4	6	5	731	1.23	3	5	ND	5	13	.2	2	3	9	.49	.039	13	5	.16	246	.03	19	.80	.01	.10	1	5
L100S 900W	1	6	9	16	.1	6	6	496	1.38	2	5	ND	6	8	.2	2	2	9	.30	.032	16	5	.19	162	.02	5	.76	.01	.09	1	5
L100S 800W	1	4	9	16	.1	6	6	505	1.23	3	5	ND	4	7	.3	2	2	9	.22	.034	16	4	.15	169	.02	6	.64	.01	.06	1	6
L100S 700W	1	4	4	19	.1	6	4	229	1.12	4	7	ND	2	7	.2	2	2	9	.12	.039	10	5	.14	178	.04	5	1.04	.01	.07	1	1
L100S 600W	1	7	8	22	.2	8	6	499	1.79	4	5	ND	5	9	.4	2	2	12	.27	.028	13	6	.18	107	.04	6	.94	.01	.08	1	8
L100S 500W	1	5	11	26	.2	10	4	499	1.42	4	5	ND	3	12	.3	2	2	12	.20	.061	6	6	.16	264	.06	6	1.95	.02	.09	1	1
L100S 400W	1	5	9	16	.1	10	6	441	2.10	6	5	ND	5	8	.2	2	2	12	.28	.015	16	7	.22	123	.03	8	.92	.01	.08	1	2
L100S 300W	1	5	10	20	.1	10	6	447	2.15	5	5	ND	6	8	.2	2	2	12	.28	.015	16	6	.22	119	.03	8	.92	.01	.08	1	5
L100S 200W	1	6	11	29	.2	9	7	274	2.04	6	6	ND	4	10	.5	2	2	16	.20	.026	10	12	.66	158	.06	8	1.64	.01	.06	1	7
L100S 100W	1	5	9	21	.1	9	10	248	1.97	8	5	ND	4	9	.2	2	2	15	.19	.028	10	13	.85	115	.05	5	1.39	.01	.06	1	3
L100S 00W	1	6	7	24	.1	8	8	268	1.77	8	5	ND	4	9	.3	2	5	11	.21	.025	10	11	.69	126	.03	11	1.15	.01	.06	1	4
L200S 2000W	1	2	5	21	.1	8	3	89	1.21	3	5	ND	5	6	.2	2	2	9	.09	.019	17	9	.38	71	.03	5	1.01	.01	.07	1	1
L200S 1900W	1	2	6	19	.1	6	3	305	1.02	2	5	ND	3	10	.2	2	3	8	.16	.018	13	7	.23	142	.04	7	1.20	.01	.09	1	6
L200S 1800W	1	3	10	24	.1	8	3	407	1.29	2	5	ND	4	18	.3	2	2	10	.26	.029	10	7	.22	280	.07	11	2.01	.02	.16	1	5
L200S 1700W	1	4	10	21	.1	8	4	605	1.27	4	5	ND	4	16	.4	2	4	10	.30	.029	12	10	.26	273	.06	9	1.66	.01	.11	1	2
L200S 1600W	1	5	10	25	.1	8	4	477	1.46	2	5	ND	5	16	.4	2	2	11	.28	.025	12	9	.29	248	.07	5	1.85	.02	.17	1	5
L200S 1500W	1	6	4	17	.2	9	4	368	1.26	2	6	ND	7	16	.3	2	2	9	.23	.021	18	10	.36	214	.05	5	1.52	.01	.15	1	2
L200S 1400W	1	8	3	22	.2	9	5	843	1.14	3	5	ND	5	20	.6	2	2	8	.41	.035	18	12	.34	379	.04	10	1.31	.01	.16	1	3
L200S 1300W	1	4	9	22	.1	7	4	471	1.09	3	5	ND	5	13	.4	2	3	8	.33	.024	14	8	.26	195	.04	7	1.10	.01	.13	1	2
L200S 1200W	1	4	3	21	.1	7	3	499	.99	2	5	ND	3	14	.4	2	2	9	.31	.032	9	6	.17	221	.05	9	1.31	.01	.15	1	1
L200S 1100W	1	3	4	19	.2	3	2	666	.68	3	5	ND	2	13	.4	2	2	7	.40	.034	8	4	.11	263	.03	5	.76	.01	.10	1	2
L200S 1000W	1	5	4	22	.1	6	4	378	1.16	2	5	ND	4	10	.4	2	2	9	.23	.040	14	6	.18	181	.04	6	.95	.01	.09	1	2
L200S 900W	1	10	7	25	.1	9	9	740	1.99	5	5	ND	8	9	.4	2	2	9	.56	.039	20	6	.28	258	.01	9	.97	.01	.14	1	2
L200S 800W	1	11	9	27	.1	12	8	753	1.99	7	5	ND	7	10	.2	2	2	12	.37	.044	19	7	.20	273	.03	7	1.04	.01	.12	1	1
L200S 700W	1	4	6	18	.1	7	4	279	1.62	5	7	ND	5	8	.3	2	3	9	.25	.027	15	6	.17	129	.04	6	1.03	.01	.10	1	2
L200S 600W	1	5	7	12	.1	9	6	377	2.14	5	5	ND	6	13	.3	2	2	11	.38	.026	15	6	.20	131	.04	7	1.20	.01	.14	1	3
L200S 500W	1	10	7	4	.1	12	7	327	2.57	9	5	ND	5	7	.2	2	2	14	.20	.035	14	7	.25	93	.03	5	.95	.01	.08	1	4
L200S 400W	1	7	8	18	.3	9	9	561	2.12	5	5	ND	4	10	.7	2	2	15	.35	.020	11	10	.57	125	.04	6	1.25	.01	.09	1	3
L200S 300W	1	12	12	26	.1	16	15	998	3.72	9	5	ND	7	7	.3	2	2	20	.59	.033	18	16	.98	213	.03	4	1.65	.01	.16	1	3
L200S 200W	1	11	11	21	.1	14	11	669	3.37	7	5	ND	6	10	.4	2	2	18	.70	.044	19	15	.73	184	.04	7	1.84	.01	.15	1	4
L200S 100W	1	10	5	19	.1	9	5	340	2.04	5	5	ND	5	8	.3	2	2	15	.19	.022	10	8	.22	106	.05	6	1.12	.01	.08	1	4
L200S 00W	1	21	7	19	.2	9	4	335	2.55	6	5	ND	4	9	.3	2	2	14	.32	.017	11	7	.26	112	.05	7	1.49	.01	.10	1	1
L300S 2000W	1	5	7	43	.1	12	5	394	1.45	2	5	ND	4	12	.3	2	2	13	.17	.049	11	11	.29	354	.06	6	1.94	.01	.09	1	3
L300S 1900W	1	5	5	20	.1	8	4	580	1.25	3	5	ND	6	9	.2	2	3	9	.23	.018	15	10	.31	206	.03	5	.98	.01	.09	1	2
L300S 1800W	1	6	8	26	.2	9	4	718	1.38	2	5	ND	5	17	.4	2	2	12	.34	.025	14	10	.28	274	.05	10	1.36	.01	.13	1	1
L300S 1700W	1	13	11	88	.2	9	4	1880	1.14	3	5	ND	2	32	.7	2	2	11	.77	.069	8	11	.19	744	.06	13	1.50	.02	.16	1	3
STANDARD C/AU-S	17	57	41	131	6.7	68	32	1051	3.96	40	19	7	38	53	19.0	15	19	56	.50	.091	38	59	.89	181	.07	33	1.87	.06	.14	13	47

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
L300S 1500W	1	5	9	25	.1	14	5	168	1.44	2	5	ND	4	13	.3	2	5	10	.24	.086	18	9	.22	317	.06	4	1.75	.02	.08	1	2
L300S 1400W	1	5	6	37	.1	11	4	446	1.06	4	5	ND	2	11	.7	2	2	12	.18	.105	12	8	.15	490	.04	4	1.30	.01	.09	1	5
L300S 1300W	1	6	7	31	.3	10	3	306	1.05	2	5	ND	2	20	.5	2	5	10	.43	.090	6	6	.15	426	.06	5	1.58	.02	.14	1	5
L300S 1200W	1	1	8	19	.1	8	4	241	1.05	2	5	ND	1	12	.4	2	4	9	.24	.028	10	7	.18	202	.05	3	1.31	.02	.10	1	3
L300S 1100W	1	6	6	14	.1	8	5	384	1.15	2	5	ND	1	11	.7	2	6	8	.31	.026	17	6	.18	206	.03	3	.87	.01	.09	1	3
L300S 1000W	1	9	8	19	.2	12	7	317	2.01	4	5	ND	7	10	.4	2	3	11	.33	.033	20	7	.23	154	.04	5	1.15	.01	.16	1	1
L300S 900W	1	11	9	22	.2	13	8	751	2.43	2	5	ND	6	10	.4	2	2	12	.44	.028	21	8	.27	225	.04	5	1.30	.01	.22	1	5
L300S 800W	1	11	6	30	.2	16	8	761	2.33	2	5	ND	6	15	.4	2	2	12	.51	.026	18	8	.25	260	.04	7	1.36	.01	.15	1	1
L300S 700W	1	8	7	28	.1	14	6	387	1.99	3	5	ND	5	9	.4	2	2	11	.25	.040	17	7	.18	199	.04	3	.91	.01	.11	2	2
L300S 600W	1	11	8	23	.2	17	14	449	4.03	5	5	ND	7	11	.4	2	2	17	.54	.026	19	15	.90	202	.05	5	2.14	.01	.26	1	3
L300S 500W	1	13	14	26	.1	13	8	482	2.96	5	5	ND	5	12	.3	2	2	16	.40	.022	15	11	.52	190	.06	5	1.77	.01	.16	1	2
L300S 400W	1	7	4	17	.2	15	6	217	2.04	2	5	ND	6	10	.4	2	2	15	.22	.018	14	10	.24	115	.05	2	1.22	.02	.08	1	1
L300S 300W	1	7	7	17	.1	19	11	265	3.46	2	5	ND	9	8	.5	2	2	15	.63	.029	23	13	.50	126	.03	3	1.65	.01	.15	1	1
L300S 200W	1	10	7	21	.2	12	6	283	2.06	3	5	ND	6	10	.6	2	2	15	.25	.023	15	9	.23	98	.05	3	1.30	.01	.07	1	2
L300S 100W	1	6	6	22	.1	11	4	312	1.43	2	5	ND	2	7	.5	2	5	12	.15	.025	12	6	.17	173	.04	2	.94	.01	.05	1	3
L300S 00W	1	6	9	18	.4	13	6	166	2.02	4	5	ND	7	7	.2	3	2	14	.15	.027	18	8	.25	111	.05	3	1.21	.01	.06	1	1
L400S 2000W	1	8	2	69	.3	8	3	712	1.02	2	5	ND	3	9	.4	2	2	11	.15	.054	11	7	.18	342	.05	5	1.16	.01	.09	1	1
L400S 1900W	1	6	2	39	.2	9	4	1084	1.28	2	5	ND	3	15	.9	3	4	11	.22	.053	11	7	.21	361	.06	3	1.61	.02	.10	1	2
L400S 1800W	1	1	11	19	.1	8	3	377	1.06	2	5	ND	2	12	.2	2	2	8	.22	.024	12	6	.16	197	.04	6	1.21	.01	.11	1	2
L400S 1700W	1	5	8	32	.1	14	5	324	1.40	5	6	ND	3	22	.5	2	2	14	.29	.181	9	7	.22	444	.09	4	2.07	.03	.13	1	4
L400S 1600W	1	5	10	22	.1	8	4	344	1.31	2	5	ND	3	13	.4	2	2	10	.27	.023	15	7	.18	247	.05	3	1.32	.02	.14	1	1
L400S 1500W	1	5	6	18	.2	8	4	308	1.40	2	5	ND	7	13	.4	2	3	10	.32	.029	20	6	.19	207	.04	2	1.16	.01	.11	1	4
L400S 1400W	1	7	5	13	.1	10	5	159	1.49	2	5	ND	8	10	.2	2	5	9	.25	.026	24	5	.20	148	.03	3	.94	.01	.09	1	2
L400S 1300W	1	5	6	15	.2	13	10	620	2.42	2	5	ND	10	8	.5	4	2	10	.50	.023	26	7	.29	263	.02	4	1.19	.01	.17	1	3
L400S 1200W	1	14	10	23	.4	20	12	839	3.01	3	5	ND	9	11	.5	2	2	11	.55	.029	21	9	.45	205	.04	8	1.73	.01	.30	1	4
L400S 1100W	1	12	10	27	.2	13	9	1000	2.38	5	5	ND	7	12	.2	2	2	12	.43	.041	21	8	.23	263	.03	2	1.17	.01	.14	1	1
L400S 1000W	1	18	14	23	.2	19	12	580	3.89	5	5	ND	9	10	.7	2	6	15	.51	.019	18	12	.59	162	.04	5	1.94	.01	.28	1	3
L400S 900W	1	13	14	26	.1	16	10	966	4.22	2	11	ND	4	15	.2	2	11	15	.55	.025	15	13	.60	207	.06	8	2.06	.01	.34	1	3
L400S 800W	1	16	8	26	.1	21	13	800	3.83	6	5	ND	7	12	.3	2	9	15	.80	.036	18	12	.83	185	.04	5	1.94	.01	.25	1	1
L400S 700W	1	16	12	29	.2	19	12	716	3.68	7	5	ND	9	11	.7	2	4	15	.56	.043	21	12	.55	235	.04	7	1.87	.01	.25	1	1
L400S 600W	1	9	4	17	.1	10	6	303	2.08	2	5	ND	7	9	.5	2	4	13	.29	.020	16	8	.25	141	.04	6	1.11	.01	.13	1	1
L400S 500W	1	8	12	17	.2	12	6	163	2.09	2	5	ND	7	8	.2	2	2	13	.35	.021	19	9	.34	89	.04	2	1.10	.01	.10	1	1
L400S 400W	1	4	5	16	.6	11	5	203	1.60	2	5	ND	8	10	.5	5	2	12	.23	.018	15	7	.21	98	.05	6	1.24	.01	.12	1	1
L400S 300W	1	4	6	13	.5	8	6	267	1.70	2	5	ND	9	7	.2	2	2	11	.20	.019	20	6	.23	93	.03	2	.87	.01	.09	1	1
L400S 200W	1	3	10	19	.1	11	6	328	1.83	2	5	ND	6	8	.2	2	2	12	.33	.024	18	7	.25	127	.04	2	1.14	.01	.08	1	3
L400S 100W	1	7	7	16	.2	13	6	269	1.53	7	5	ND	6	8	.4	3	4	13	.17	.024	14	7	.19	141	.04	2	1.25	.01	.07	1	1
L400S 00W	1	6	8	19	.3	12	7	251	2.24	2	5	ND	8	9	.4	2	2	12	.34	.041	19	8	.27	125	.03	5	1.19	.01	.14	1	1
STANDARD C/AU-S	19	57	40	132	7.2	72	32	1051	3.99	40	18	7	39	53	18.8	15	18	55	.52	.092	38	59	.90	183	.08	36	1.89	.06	.14	13	47

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
L800S 1100W	1	2	6	18	.1	8	4	205	1.35	2	5	ND	7	6	.2	2	2	9	.19	.018	22	6	.24	117	.03	7	.82	.01	.08	1	4
L800S 1000W	1	4	6	23	.1	9	4	294	1.48	3	7	ND	5	7	.2	2	2	10	.11	.031	16	8	.22	140	.04	7	1.12	.01	.07	1	4
L800S 900W	1	7	9	31	.1	13	4	320	1.44	3	6	ND	3	18	.2	2	2	13	.28	.327	7	8	.18	322	.09	9	2.41	.03	.10	1	5
L800S 800W	1	5	8	18	.1	10	5	364	1.87	4	5	ND	7	10	.2	2	2	8	.34	.029	19	8	.32	191	.03	7	1.29	.01	.09	1	2
L800S 700W	1	9	7	26	.1	9	5	1064	1.50	2	5	ND	4	15	.3	2	2	11	.41	.034	14	8	.29	374	.05	3	1.39	.01	.08	1	1
L800S 600W	1	3	2	16	.1	7	4	540	1.59	3	5	ND	6	8	.3	2	2	9	.34	.036	18	7	.26	203	.03	7	1.07	.01	.10	1	2
L800S 500W	1	7	10	41	.1	12	7	1041	2.01	4	5	ND	5	12	.2	2	3	13	.26	.034	20	8	.27	295	.05	3	1.46	.01	.10	2	1
L800S 400W	1	13	10	51	.1	10	10	1368	2.39	5	5	ND	6	12	.2	2	2	11	.69	.045	19	10	.40	369	.03	8	1.36	.01	.19	1	5
L800S 300W	1	6	9	32	.1	8	6	1011	1.95	3	5	ND	5	12	.2	2	2	12	.44	.030	16	8	.28	304	.04	5	1.31	.01	.14	1	1
L800S 200W	1	3	7	25	.1	7	4	678	1.29	2	5	ND	4	10	.3	2	2	10	.22	.023	13	7	.20	193	.05	9	1.12	.01	.10	2	1
L800S 100W	1	3	5	20	.1	9	4	272	1.33	3	5	ND	3	11	.3	2	2	9	.26	.032	12	6	.21	183	.05	7	1.38	.01	.14	1	1
L800S 00W	1	7	7	23	.1	11	6	352	2.09	5	5	ND	7	11	.2	2	3	13	.36	.025	19	7	.30	266	.04	5	1.49	.01	.13	1	1
L900S 2000W	1	2	4	15	.1	5	3	254	1.09	2	5	ND	5	5	.2	2	2	7	.13	.012	17	7	.22	171	.03	2	.76	.01	.07	1	6
L900S 1900W	1	8	9	29	.1	9	4	710	1.61	2	5	ND	6	10	.4	2	2	12	.20	.021	17	9	.32	344	.05	7	1.37	.01	.13	1	4
L900S 1800W	1	8	6	20	.1	11	6	284	1.83	5	5	ND	9	9	.2	2	2	13	.20	.018	24	12	.39	173	.04	6	1.27	.01	.14	1	1
L900S 1700W	1	15	8	48	.1	11	8	1141	2.00	4	5	ND	6	20	.2	2	2	13	.52	.058	18	9	.34	599	.05	8	1.71	.02	.26	2	1
L900S 1600W	1	5	9	28	.1	8	6	623	2.18	2	5	ND	7	12	.6	2	2	12	.37	.026	17	13	.43	366	.05	8	1.72	.01	.27	1	1
L900S 1500W	1	8	10	29	.1	11	7	345	2.15	2	5	ND	7	15	.4	2	3	13	.32	.020	18	10	.39	285	.06	7	2.06	.02	.19	1	3
L900S 1400W	1	9	7	20	.1	7	6	1001	1.67	2	5	ND	5	10	.2	2	2	8	.50	.029	18	9	.30	533	.02	6	.96	.01	.14	1	3
L900S 1300W	1	1	6	15	.1	5	2	88	.97	2	5	ND	7	5	.2	2	2	6	.12	.012	21	6	.21	93	.03	7	.72	.01	.07	1	4
L900S 1200W	1	2	7	19	.1	7	3	108	1.31	2	5	ND	7	5	.3	2	3	10	.13	.016	23	7	.25	86	.03	3	.86	.01	.08	1	1
L900S 1100W	1	6	3	15	.1	9	6	206	1.71	5	5	ND	8	6	.2	2	3	11	.23	.022	23	8	.31	110	.03	5	.93	.01	.11	1	1
L900S 1000W	1	3	7	18	.1	8	3	274	1.46	2	5	ND	4	9	.2	2	2	10	.20	.027	15	8	.24	173	.04	4	1.23	.01	.08	1	1
L900S 900W	1	13	8	19	.1	10	4	166	1.42	4	5	ND	3	9	.2	2	2	11	.15	.045	11	9	.22	181	.05	4	1.69	.01	.08	1	8
L900S 800W	1	5	12	31	.1	12	5	169	1.87	2	5	ND	4	9	.2	2	2	14	.10	.034	16	11	.31	181	.05	7	1.86	.01	.10	1	2
L900S 700W	1	5	9	23	.1	13	6	470	1.80	5	5	ND	6	10	.2	2	2	12	.37	.035	18	11	.46	206	.04	5	1.40	.01	.10	1	2
L900S 600W	1	6	10	32	.1	11	6	402	1.89	3	5	ND	7	9	.2	2	3	12	.32	.028	19	10	.36	200	.04	10	1.42	.01	.13	1	1
L900S 500W	1	5	4	43	.1	8	3	482	1.08	3	5	ND	4	9	.4	2	2	8	.17	.033	11	9	.19	167	.03	2	.88	.01	.10	1	4
L900S 400W	1	7	7	32	.1	10	6	808	1.68	4	5	ND	5	9	.3	2	2	10	.31	.027	17	9	.28	219	.03	4	1.08	.01	.12	1	1
L900S 300W	1	4	7	34	.1	7	3	206	1.07	2	5	ND	3	11	.2	2	3	8	.26	.024	9	7	.17	152	.04	6	1.23	.01	.12	1	7
L900S 200W	1	5	10	21	.2	8	5	205	1.45	3	5	ND	6	9	.4	2	2	11	.24	.017	15	8	.23	179	.04	2	1.18	.01	.09	1	1
L900S 100W	1	7	9	23	.1	9	4	183	1.42	2	5	ND	5	9	.4	2	2	11	.29	.023	15	9	.25	212	.04	5	1.38	.01	.08	1	1
L900S 00W	1	4	7	15	.1	9	5	237	1.85	2	5	ND	6	8	.2	2	2	10	.30	.015	17	9	.27	226	.03	3	1.40	.01	.10	1	1
L1000S 2000W	1	4	5	18	.1	6	3	502	.96	2	5	ND	4	8	.3	2	5	7	.15	.024	16	8	.21	271	.03	3	.78	.01	.07	1	1
L1000S 1900W	1	5	7	20	.2	9	5	331	1.47	3	5	ND	7	6	.2	2	2	9	.19	.020	22	8	.29	167	.02	7	.79	.01	.08	1	11
L1000S 1800W	1	6	7	34	.1	8	4	506	1.44	2	5	ND	5	9	.2	2	2	10	.35	.034	17	7	.27	393	.03	7	.86	.01	.11	1	3
STANDARD C/AU-S	18	57	40	130	6.6	69	32	1051	3.96	38	20	7	37	53	18.4	15	19	56	.51	.089	38	58	.89	181	.07	33	1.90	.06	.14	12	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L1000S 1700W	1	7	9	26	.1	9	4	625	1.36	2	5	ND	2	14	.3	2	2	11	.22	.047	6	6	.19	312	.08	2	1.77	.02	.12	1	5
L1000S 1600W	1	8	6	15	.1	7	3	191	1.18	2	5	ND	5	8	.2	2	2	9	.25	.015	15	6	.20	145	.04	2	.99	.01	.07	1	2
L1000S 1500W	1	8	5	17	.1	8	5	253	1.42	4	5	ND	8	7	.2	2	2	8	.32	.023	19	6	.27	147	.03	4	1.00	.01	.16	1	1
L1000S 1400W	1	6	4	18	.2	6	3	422	1.05	2	5	ND	3	7	.3	2	2	9	.17	.018	13	6	.18	180	.04	2	.93	.01	.08	1	3
L1000S 1300W	1	7	7	40	.1	6	3	596	1.08	6	5	ND	1	18	.4	2	2	9	.42	.050	5	5	.16	483	.07	4	1.35	.02	.11	1	2
L1000S 1200W	1	7	7	16	.2	9	4	139	1.38	3	5	ND	6	9	.2	2	2	10	.21	.018	16	7	.25	139	.05	2	1.04	.01	.10	1	1
L1000S 1100W	1	7	6	16	.2	7	4	130	1.33	4	5	ND	5	7	.3	2	2	11	.16	.018	14	6	.23	99	.04	2	.96	.01	.09	1	1
L1000S 1000W	1	4	5	16	.2	8	5	196	1.48	5	5	ND	5	8	.2	2	2	10	.18	.018	17	7	.25	132	.04	2	.99	.01	.08	1	2
L1000S 900W	1	10	7	23	.2	11	7	282	1.92	2	5	ND	6	11	.2	2	2	14	.36	.032	15	8	.28	209	.06	2	1.54	.01	.16	1	2
L1000S 800W	1	10	7	16	.2	11	7	247	1.92	6	5	ND	8	5	.2	2	2	9	.30	.044	20	8	.34	117	.02	2	.98	.01	.11	1	3
L1000S 700W	1	10	7	50	.1	7	4	1574	1.23	4	5	ND	1	11	.3	2	2	9	.24	.050	9	6	.19	324	.05	2	1.13	.01	.08	1	4
L1000S 600W	1	9	10	34	.2	9	5	726	1.48	6	5	ND	5	11	.2	2	2	10	.41	.037	12	7	.24	236	.05	5	1.14	.01	.14	1	2
L1000S 500W	1	5	3	21	.1	5	3	303	.85	2	5	ND	3	7	.3	2	2	7	.15	.019	11	4	.15	125	.04	2	.74	.01	.08	1	4
L1000S 400W	1	10	5	19	.2	9	5	224	1.46	5	5	ND	7	9	.2	2	2	10	.24	.027	18	7	.23	144	.04	2	.91	.01	.07	1	1
L1000S 300W	1	5	5	41	.2	6	3	306	1.11	2	5	ND	2	11	.3	2	2	11	.21	.017	7	6	.16	229	.07	3	1.32	.02	.07	1	1
L1000S 200W	1	6	6	24	.2	7	4	275	1.38	4	5	ND	4	8	.2	2	2	10	.23	.021	12	5	.20	130	.04	2	.77	.01	.07	1	4
L1000S 100W	1	7	7	35	.1	14	5	196	1.49	2	5	ND	3	17	.3	2	2	13	.30	.063	5	7	.19	454	.10	5	2.39	.03	.09	1	4
L1000S 00W	1	7	8	20	.1	11	5	156	1.44	2	5	ND	4	16	.2	2	2	12	.25	.021	8	6	.19	312	.08	2	2.15	.03	.09	1	3
SC2-00	1	7	6	46	.2	8	3	311	1.09	3	6	ND	3	14	.3	2	2	11	.19	.202	7	6	.17	489	.07	2	1.53	.02	.07	1	3
SC2-50	1	3	5	29	.1	7	3	273	1.02	2	5	ND	4	9	.3	2	2	8	.18	.049	15	7	.31	259	.04	2	1.04	.01	.06	1	1
SC2-100	1	11	8	22	.1	12	4	143	1.49	4	5	ND	2	19	.2	2	2	15	.26	.190	6	7	.22	344	.10	3	2.41	.03	.08	1	4
SC2-150	1	13	7	30	.1	10	3	318	1.26	6	5	ND	2	20	.4	2	2	13	.28	.300	4	6	.15	293	.11	3	2.26	.03	.05	1	2
SC2-200	1	6	8	33	.1	9	3	147	1.06	7	5	ND	2	25	.3	2	2	12	.32	.214	3	6	.15	411	.08	3	1.59	.03	.07	1	2
SC2-250	1	2	5	19	.1	9	4	180	1.32	2	5	ND	4	15	.2	2	2	10	.26	.022	10	8	.30	151	.06	2	1.53	.02	.06	1	4
SC2-300	1	4	7	28	.1	9	4	113	1.35	2	5	ND	2	27	.3	2	2	12	.33	.057	5	7	.22	350	.11	3	2.31	.04	.08	1	2
SC2-350	1	7	6	27	.1	10	4	193	1.44	7	5	ND	3	19	.3	2	2	12	.26	.027	7	9	.26	339	.09	2	2.04	.03	.08	1	4
SC2-400	1	4	7	26	.2	9	4	113	1.27	2	5	ND	3	18	.4	2	2	12	.25	.031	5	6	.20	335	.09	4	2.11	.03	.09	1	4
SC2-450	1	9	7	32	.1	12	4	96	1.67	2	5	ND	4	18	.4	2	2	12	.31	.089	6	9	.26	552	.10	4	2.68	.03	.09	1	3
SC2-500	1	9	7	31	.1	9	4	193	1.36	5	5	ND	3	16	.2	2	2	11	.28	.037	7	8	.25	397	.08	2	1.92	.03	.06	1	5
SC2-550	1	5	5	25	.1	9	3	169	1.08	4	5	ND	3	21	.4	2	2	11	.29	.148	4	6	.16	479	.08	5	1.61	.03	.10	1	1
SC2-600	1	9	9	32	.1	12	4	136	1.67	8	5	ND	4	16	.2	2	2	13	.30	.054	8	10	.32	442	.10	5	2.33	.02	.19	1	1
STANDARD C/AU-S	18	57	35	131	6.9	70	32	1051	3.97	41	20	7	38	53	18.6	14	18	56	.52	.093	36	58	.90	181	.09	34	1.91	.06	.13	13	48

XLD CK.

Bapty Research Limited PROJECT-~~McNEILL~~ FILE # 90-4339

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
.1300N 2100W	1	4	4	17	.1	5	3	369	1.04	2	5	ND	2	9	.3	2
.500N 1100W (A)	1	9	8	24	.1	9	3	303	1.20	2	5	ND	2	16	.3	2
.0N 1300W	1	11	6	26	.2	11	5	1173	1.41	7	5	ND	5	11	.2	2
STANDARD C/AU-S	18	57	35	131	6.9	70	32	1051	3.97	41	20	7	38	53	18.6	14

SAMPLE#	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
.1300N 2100W	2	10	.18	.011	8	7	.23	155	.04	2	.83	.01	.06	1	4
.500N 1100W (A)	2	14	.27	.127	4	7	.17	304	.09	2	1.72	.02	.06	1	2
.0N 1300W	2	11	.26	.039	17	11	.35	267	.05	2	1.32	.01	.12	1	1
STANDARD C/AU-S	18	56	.52	.093	36	58	.90	181	.09	34	1.91	.06	.13	13	48

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT MCNEIL File # 90-4228 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
L150N 1600W	1	5	10	27	.1	11	3	422	1.27	2	5	ND	3	15	.2	2	2	13	.22	.053	11	9	.36	297	.08	3	1.71	.02	.12	1	1
L150N 1580W	1	4	8	26	.1	10	4	138	1.36	2	5	ND	3	11	.2	2	2	13	.19	.029	11	10	.42	168	.06	2	1.37	.02	.08	1	2
L150N 1560W	1	6	7	31	.1	9	3	305	1.21	3	5	ND	2	14	.3	2	2	14	.22	.064	8	9	.35	297	.08	2	1.65	.02	.10	1	1
L150N 1540W	1	6	6	27	.1	11	4	561	1.14	2	5	ND	2	22	.2	2	2	14	.32	.105	6	8	.29	385	.08	2	1.57	.03	.09	1	2
L150N 1520W	1	8	11	33	.1	14	4	321	1.26	3	5	ND	2	21	.4	2	2	14	.28	.170	7	9	.32	472	.10	6	1.85	.04	.14	1	1
L150N 1500W	1	7	7	44	.1	12	4	623	1.23	2	5	ND	2	21	.3	2	2	14	.34	.161	5	9	.28	373	.09	4	1.80	.03	.13	1	1
L150N 1480W	1	10	7	43	.2	18	6	757	1.99	3	5	ND	3	23	.3	2	2	20	.42	.198	10	10	.38	366	.12	15	2.50	.03	.11	1	4
L150N 1460W	1	5	13	38	.1	12	5	972	1.52	2	5	ND	4	19	.3	2	2	15	.30	.040	13	9	.38	328	.09	2	2.04	.02	.14	1	3
L150N 1440W	1	5	11	28	.1	10	4	672	1.37	2	5	ND	4	19	.2	2	2	13	.38	.043	12	9	.37	347	.08	15	1.77	.02	.14	1	1
L150N 1420W	1	7	5	31	.1	13	4	346	1.31	2	5	ND	3	19	.2	2	2	13	.28	.154	11	10	.34	486	.08	5	1.67	.03	.11	1	3
L150N 1400W	1	5	4	21	.1	9	4	305	1.25	2	5	ND	5	12	.2	2	2	11	.20	.037	16	9	.41	203	.06	4	1.29	.02	.13	1	1
L150N 1380W	1	7	12	29	.1	12	5	629	1.59	2	5	ND	4	17	.3	2	2	14	.27	.048	14	9	.46	318	.09	7	2.05	.02	.15	1	1
L150N 1360W	1	7	10	37	.1	14	6	622	1.80	4	5	ND	5	14	.2	2	2	16	.22	.056	18	11	.52	310	.09	4	2.14	.02	.15	1	2
L150N 1340W	1	8	11	37	.1	13	6	931	1.68	2	5	ND	4	14	.2	2	2	15	.25	.063	18	11	.52	305	.07	2	1.84	.01	.14	1	3
L150N 1320W	1	7	13	37	.1	13	6	717	1.76	2	5	ND	3	15	.2	2	2	16	.28	.092	16	10	.48	331	.08	2	2.24	.01	.13	1	1
L150N 1300W	1	7	9	42	.2	14	6	423	1.76	2	5	ND	4	12	.6	2	2	14	.24	.096	18	12	.56	374	.06	2	1.93	.01	.16	1	1
L150N 1280W	1	8	9	30	.1	13	5	551	1.68	2	5	ND	6	18	.2	2	2	14	.46	.055	16	12	.52	330	.07	2	2.06	.02	.15	1	4
L150N 1260W	1	9	11	56	.1	13	5	1554	1.41	4	5	ND	3	15	.3	2	2	13	.23	.099	12	11	.46	566	.07	7	1.75	.02	.11	1	1
L150N 1240W	1	10	12	37	.1	14	5	501	1.71	5	5	ND	3	15	.2	2	2	17	.24	.171	11	12	.49	345	.09	2	2.19	.02	.11	1	1
L150N 1220W	1	9	13	52	.1	12	5	1262	1.52	3	5	ND	2	17	.3	2	2	18	.28	.139	6	10	.36	385	.12	2	2.22	.03	.10	1	1
L150N 1200W	1	9	6	35	.1	13	5	622	1.33	2	5	ND	3	17	.2	2	2	15	.23	.132	8	10	.37	514	.09	5	1.88	.03	.10	1	1
L150N 1180W	1	8	9	35	.1	12	4	578	1.22	2	5	ND	2	16	.3	2	2	13	.24	.117	9	8	.35	474	.07	2	1.60	.03	.10	1	1
L150N 1160W	1	9	8	45	.1	13	5	656	1.33	2	5	ND	2	16	.2	2	2	14	.25	.134	11	10	.39	596	.08	2	1.84	.03	.10	1	1
L150N 1140W	1	9	12	38	.1	14	5	761	1.54	3	5	ND	3	23	.4	2	2	17	.36	.276	9	10	.39	573	.11	2	2.39	.03	.10	1	2
L150N 1120W	1	7	9	49	.1	13	5	926	1.50	2	5	ND	3	15	.3	2	2	15	.29	.183	12	11	.49	546	.08	9	1.95	.02	.13	1	1
L150N 1100W	1	13	10	38	.1	16	5	522	1.61	3	5	ND	4	15	.6	2	2	17	.22	.150	11	11	.42	405	.10	2	2.33	.02	.09	1	1
L150N 1080W	1	15	4	37	.1	16	5	447	1.62	3	5	ND	4	13	.7	2	2	17	.22	.146	10	11	.42	386	.10	7	2.16	.02	.10	1	2
L150N 1060W	1	8	15	46	.1	13	5	597	1.49	2	5	ND	4	12	.3	2	2	13	.26	.093	11	10	.44	440	.08	2	2.00	.02	.11	1	3
L150N 1040W	1	9	9	47	.1	17	6	478	2.01	5	5	ND	4	12	.3	2	2	22	.20	.181	10	12	.45	278	.11	2	2.78	.02	.10	1	1
L150N 1020W	1	7	8	43	.1	15	5	616	1.53	2	5	ND	4	15	.3	2	2	17	.23	.068	10	11	.39	347	.10	7	2.15	.03	.10	1	3
L150N 1000W	1	7	9	43	.1	12	5	707	1.35	2	5	ND	4	13	.2	2	2	14	.19	.162	10	10	.34	502	.09	6	1.85	.03	.09	1	1
L100N 1600W	1	6	14	39	.1	13	4	399	1.39	2	5	ND	4	24	.3	2	2	13	.44	.148	10	9	.35	518	.10	11	2.11	.03	.15	1	3
L100N 1580W	1	6	6	44	.1	10	3	284	1.15	3	5	ND	2	21	.4	2	2	13	.27	.112	5	8	.25	357	.09	13	1.78	.03	.14	1	3
L100N 1560W	1	6	8	32	.2	10	4	438	1.07	2	5	ND	2	24	.2	2	2	13	.26	.143	5	8	.24	521	.09	5	1.54	.04	.11	1	3
L100N 1540W	1	5	8	47	.1	9	3	315	1.03	2	5	ND	2	17	.2	2	2	12	.22	.090	5	7	.23	495	.08	2	1.44	.03	.10	1	2
L100N 1520W	1	3	2	11	.1	7	3	109	.85	2	5	ND	8	5	.2	2	2	6	.09	.016	28	8	.46	105	.02	2	.58	.01	.06	1	1
STANDARD C/AU-S	18	59	38	130	6.7	72	31	1047	3.97	38	16	7	37	53	18.9	15	19	57	.52	.097	35	56	.90	180	.09	35	1.90	.06	.14	11	47

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: SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 6 1990 DATE REPORT MAILED: Sept 13/90 SIGNED BY C. Leong ......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
L100N 1500W	1	8	6	32	.1	14	5	448	1.33	4	5	ND	5	20	.4	2	2	12	.23	.208	16	9	.46	753	.07	3	1.63	.02	.11	1	1
L100N 1480W	1	8	5	36	.1	9	4	663	1.02	2	5	ND	3	20	.4	2	2	11	.23	.143	8	7	.28	450	.07	9	1.49	.03	.11	1	2
L100N 1460W	1	5	7	28	.1	8	3	341	1.14	2	5	ND	4	14	.2	2	2	11	.20	.039	12	8	.31	229	.07	16	1.38	.02	.14	1	2
L100N 1440W	1	7	9	25	.1	14	5	200	1.47	2	5	ND	6	19	.3	2	2	14	.21	.109	14	9	.40	422	.09	10	1.94	.03	.15	1	2
L100N 1420W	1	6	10	22	.1	10	4	185	1.37	2	5	ND	7	13	.4	2	2	12	.20	.042	19	10	.43	210	.06	10	1.38	.02	.14	1	2
L100N 1400W	1	5	5	16	.1	9	3	114	1.26	2	5	ND	8	7	.2	2	3	10	.09	.029	27	9	.45	147	.04	2	1.00	.01	.09	1	2
L100N 1380W	1	6	14	24	.1	12	4	148	1.51	2	5	ND	7	11	.2	2	2	14	.13	.039	21	11	.46	174	.06	4	1.39	.02	.11	1	1
L100N 1360W	1	11	10	42	.1	15	7	862	1.91	2	5	ND	7	21	.5	2	2	19	.25	.050	16	12	.50	414	.12	10	2.60	.02	.17	1	2
L100N 1340W	1	10	12	35	.1	14	6	1094	1.67	2	5	ND	5	24	.4	2	2	17	.31	.058	14	11	.47	398	.09	6	2.16	.02	.16	1	1
L100N 1320W	1	10	8	35	.1	11	5	2410	1.34	2	5	ND	4	23	.4	2	2	13	.41	.050	15	10	.46	516	.06	15	1.49	.02	.16	1	5
L100N 1300W	1	11	10	38	.2	14	6	1176	1.73	2	5	ND	6	18	.2	2	2	16	.27	.050	19	12	.60	369	.07	5	2.04	.02	.14	1	1
L100N 1280W	1	11	6	30	.1	13	6	1907	1.49	2	5	ND	4	20	.2	2	2	13	.31	.039	18	11	.53	449	.06	2	1.64	.01	.15	1	1
L100N 1260W	1	9	12	29	.1	13	6	902	1.68	2	5	ND	4	16	.2	2	2	14	.25	.046	21	12	.60	364	.07	7	1.91	.02	.14	1	2
L100N 1240W	1	8	11	28	.1	12	6	896	1.54	2	5	ND	5	14	.3	2	2	14	.24	.051	19	10	.56	353	.07	9	1.87	.02	.15	1	1
L100N 1220W	1	8	11	30	.1	12	6	1324	1.45	2	5	ND	4	17	.4	2	3	14	.34	.052	15	11	.47	392	.08	2	1.80	.02	.13	1	2
L100N 1200W	1	9	6	27	.1	11	5	758	1.27	2	5	ND	3	15	.4	2	2	12	.32	.052	17	10	.50	291	.05	7	1.48	.02	.13	1	2
L100N 1180W	1	7	10	22	.3	13	5	299	1.41	3	5	ND	4	15	.2	2	2	13	.26	.032	17	10	.48	337	.08	5	2.03	.02	.12	1	1
L100N 1160W	1	10	9	46	.1	14	6	935	1.72	2	5	ND	3	20	.4	2	2	20	.31	.313	10	10	.40	479	.12	3	2.62	.03	.12	1	3
L100N 1140W	1	13	16	39	.2	15	6	1107	1.64	3	5	ND	4	18	.5	2	2	20	.26	.139	12	10	.37	362	.12	11	2.55	.03	.09	1	6
L100N 1120W	1	11	14	39	.1	15	5	780	1.44	2	5	ND	4	22	.2	2	2	18	.30	.189	10	8	.27	445	.12	8	2.58	.04	.08	1	3
L100N 1100W	1	9	7	42	.1	14	4	706	1.29	2	5	ND	3	20	.3	2	2	16	.29	.130	8	8	.27	390	.10	4	2.06	.03	.09	1	1
L100N 1080W	1	11	7	40	.1	16	4	521	1.33	2	5	ND	3	20	.2	2	2	18	.22	.166	10	11	.27	334	.11	8	2.30	.04	.08	1	3
L100N 1060W	1	8	10	55	.1	17	6	370	1.51	2	5	ND	5	13	.3	2	2	16	.14	.286	11	11	.34	542	.09	9	2.12	.02	.09	1	1
L100N 1040W	1	8	9	42	.1	12	5	414	1.33	2	5	ND	4	12	.2	2	2	14	.15	.291	9	9	.28	650	.07	7	1.80	.02	.08	1	3
L100N 1020W	1	9	12	53	.2	16	5	253	1.51	2	5	ND	5	15	.2	2	2	15	.18	.390	12	9	.32	623	.11	6	2.35	.03	.07	1	2
L100N 1000W	1	11	6	39	.2	13	4	657	1.35	5	5	ND	3	22	.4	2	2	20	.24	.180	10	8	.20	278	.13	6	2.47	.04	.06	1	2
L50N 1600W	1	9	8	43	.1	14	4	412	1.22	3	5	ND	2	25	.2	2	2	15	.26	.237	6	8	.26	450	.11	8	1.97	.04	.09	1	1
L50N 1580W	1	7	6	38	.1	13	4	386	1.16	3	5	ND	4	20	.2	2	2	13	.20	.138	9	9	.29	576	.08	9	1.61	.03	.11	1	2
L50N 1560W	1	5	6	22	.1	9	3	389	1.00	2	5	ND	4	16	.2	2	2	9	.19	.039	13	7	.32	325	.06	2	1.26	.02	.09	1	2
L50N 1540W	1	9	7	27	.1	16	4	273	1.37	2	5	ND	4	24	.2	2	2	16	.25	.253	8	8	.24	291	.13	13	2.66	.04	.08	1	1
L50N 1520W	1	9	10	45	.1	12	5	999	1.45	2	5	ND	4	31	.4	2	2	15	.49	.083	11	10	.41	425	.08	9	1.69	.03	.20	1	1
L50N 1500W	1	8	12	45	.1	11	5	959	1.44	4	5	ND	3	28	.2	2	2	17	.38	.092	9	9	.35	447	.10	8	2.17	.03	.18	1	1
L50N 1480W	1	6	7	37	.1	10	4	887	1.33	2	5	ND	5	18	.2	2	2	13	.24	.034	16	9	.36	300	.08	5	1.66	.02	.11	1	1
L50N 1460W	1	8	12	40	.1	12	6	1467	1.63	4	5	ND	3	26	.2	2	2	15	.38	.052	14	9	.40	395	.10	2	2.19	.02	.15	1	1
L50N 1440W	1	7	12	37	.1	12	5	1053	1.45	3	5	ND	5	21	.2	2	3	15	.40	.045	17	10	.41	338	.08	2	1.66	.02	.14	1	1
L50N 1420W	1	9	15	34	.1	13	6	1851	1.61	2	5	ND	4	23	.2	2	2	16	.35	.042	14	10	.42	415	.10	8	2.14	.02	.14	1	1
STANDARD C/AU-S	19	63	44	133	7.3	72	32	1047	3.97	41	22	7	39	52	18.4	15	22	60	.52	.094	38	60	.90	183	.09	32	1.88	.06	.14	13	48

Bapty Research Limited PROJECT MCNEIL FILE # 90-4228

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
L50N 1400W	1	7	6	18	.1	11	5	731	1.35	2	5	ND	6	19	.2	2	3	12	.38	.031	19	10	.50	270	.06	10	1.37	.02	.15	1	2
L50N 1380W	1	8	5	21	.1	11	4	710	1.29	2	5	ND	5	20	.4	2	2	12	.45	.052	14	10	.47	348	.06	8	1.53	.02	.16	1	4
L50N 1360W	1	7	9	27	.1	11	5	920	1.37	3	5	ND	2	18	.4	2	2	14	.35	.048	15	11	.48	322	.06	7	1.60	.02	.15	1	1
L50N 1340W	1	8	6	32	.1	11	5	1253	1.50	2	5	ND	2	20	.3	2	2	13	.42	.066	14	11	.53	335	.06	4	1.71	.02	.15	1	1
L50N 1320W	1	9	6	41	.1	13	7	1782	1.66	2	5	ND	6	18	.5	2	4	16	.39	.055	19	13	.55	428	.07	7	1.69	.02	.17	1	2
L50N 1300W	1	10	14	36	.1	13	7	1185	1.78	3	5	ND	7	18	.4	2	2	16	.39	.059	20	13	.56	365	.08	2	1.90	.01	.15	1	1
L50N 1280W	1	10	6	23	.1	13	6	1062	1.71	2	5	ND	6	16	.2	2	2	16	.28	.031	20	12	.56	304	.08	6	1.79	.02	.17	1	4
L50N 1260W	1	7	7	21	.1	11	5	498	1.44	2	5	ND	7	14	.3	2	2	13	.28	.030	20	11	.51	233	.06	2	1.35	.02	.15	1	2
L50N 1240W	1	6	3	23	.1	10	6	1125	1.41	2	5	ND	5	18	.4	2	2	14	.49	.043	18	11	.50	301	.05	5	1.26	.01	.13	1	1
L50N 1220W	1	7	7	28	.1	10	5	1301	1.41	4	5	ND	4	18	.3	2	2	15	.53	.056	13	10	.42	396	.07	8	1.49	.02	.15	1	3
L50N 1200W	1	4	2	19	.1	7	3	948	1.00	4	5	ND	4	9	.2	2	2	11	.20	.028	16	8	.34	187	.05	5	.88	.01	.10	1	2
L50N 1180W	1	10	10	38	.1	15	6	646	1.78	2	5	ND	4	13	.2	2	2	19	.26	.209	14	11	.43	388	.10	3	2.34	.02	.13	1	10
L50N 1160W	1	8	4	46	.1	13	6	903	1.61	2	5	ND	4	15	.5	2	2	17	.26	.183	12	10	.41	455	.09	2	2.00	.02	.12	1	1
L50N 1140W	1	5	7	40	.1	8	3	891	1.05	2	5	ND	2	12	.4	2	2	11	.26	.039	13	8	.33	280	.06	2	1.17	.02	.11	1	1
L50N 1120W	1	4	3	45	.1	4	2	348	.67	2	5	ND	3	8	.3	2	2	10	.14	.025	10	6	.21	187	.04	11	.60	.02	.08	2	7
L50N 1100W	1	9	4	48	.1	12	4	719	1.25	2	5	ND	4	19	.2	2	2	15	.32	.185	12	8	.30	374	.09	6	1.90	.03	.09	1	1
L50N 1080W	1	6	5	31	.1	11	4	422	1.16	2	5	ND	3	16	.3	2	2	13	.27	.145	10	9	.28	391	.08	6	1.63	.03	.11	1	1
L50N 1060W	1	7	6	58	.1	10	4	603	1.28	2	5	ND	3	14	.3	2	2	13	.21	.126	10	8	.28	495	.08	2	1.87	.02	.10	1	3
L50N 1040W	1	8	5	54	.1	13	5	1057	1.41	2	5	ND	3	20	.6	2	2	15	.34	.323	9	10	.28	719	.10	4	2.08	.03	.10	1	3
L50N 1020W	1	7	8	44	.1	13	6	339	1.45	3	5	ND	4	13	.2	2	2	15	.19	.162	13	9	.32	461	.08	6	1.87	.02	.10	1	6
L50N 1000W	1	9	9	60	.1	16	5	525	1.52	3	5	ND	4	16	.2	2	2	17	.25	.171	12	10	.30	512	.10	2	2.15	.03	.11	1	2
L00 1600W	1	9	5	35	.1	15	5	194	1.37	2	5	ND	4	19	.4	2	2	13	.22	.173	13	10	.45	441	.08	8	1.91	.03	.12	1	2
L00 1580W	1	6	5	30	.1	10	4	860	1.22	2	5	ND	4	32	.5	2	2	12	.64	.097	13	10	.37	461	.06	5	1.50	.02	.13	1	1
L00 1560W	1	8	11	64	.1	9	5	1928	1.31	5	5	ND	1	31	.5	2	2	15	.78	.073	7	9	.32	493	.08	6	1.72	.02	.16	1	2
L00 1540W	1	9	14	49	.1	13	6	1126	1.79	2	5	ND	3	24	.4	2	2	18	.37	.069	11	10	.42	427	.11	5	2.38	.03	.14	1	6
L00 1520W	1	6	9	31	.1	9	5	1484	1.37	2	5	ND	5	14	.3	2	2	12	.25	.030	22	10	.43	273	.05	2	1.29	.01	.13	1	4
L00 1500W	1	7	4	29	.2	11	5	1223	1.52	4	5	ND	5	21	.2	2	2	14	.37	.036	17	10	.44	283	.07	10	1.57	.02	.16	1	1
L00 1480W	1	9	10	47	.1	12	6	2546	1.55	2	5	ND	4	33	.5	2	2	14	.62	.052	14	10	.43	549	.08	8	1.87	.02	.18	1	1
L00 1460W	1	10	5	31	.1	13	6	1289	1.72	2	5	ND	7	17	.4	2	2	15	.26	.032	24	12	.54	390	.07	2	1.87	.01	.15	1	2
L00 1440W	1	11	5	34	.1	12	6	2234	1.39	3	5	ND	2	27	.5	2	2	13	.46	.039	14	10	.46	525	.06	7	1.57	.02	.13	1	3
L00 1420W	1	10	7	48	.1	13	6	1234	1.62	3	5	ND	4	22	.3	2	2	16	.35	.041	16	11	.52	374	.08	4	1.94	.02	.14	1	1
L00 1400W	1	9	10	26	.1	12	5	1013	1.51	2	5	ND	6	20	.4	2	2	13	.35	.045	23	12	.61	290	.06	3	1.58	.01	.16	1	1
L00 1380W	1	10	6	37	.1	11	5	2315	1.34	2	5	ND	4	21	.4	2	2	12	.47	.058	15	11	.47	558	.06	5	1.44	.02	.18	1	4
L00 1360W	1	10	4	45	.1	14	6	869	1.52	2	5	ND	4	23	.2	2	2	15	.33	.246	12	10	.41	724	.10	5	2.08	.03	.13	1	1
L00 1340W	1	9	6	30	.1	11	5	905	1.40	2	5	ND	5	17	.2	2	2	13	.29	.042	20	10	.47	307	.06	13	1.46	.02	.12	1	3
L00 1320W	1	10	2	23	.2	11	5	741	1.43	2	5	ND	7	12	.2	2	2	12	.31	.038	22	12	.55	248	.05	3	1.34	.01	.13	1	1
STANDARD C/AU-S	19	62	38	133	7.2	73	31	1050	3.98	40	18	7	38	52	18.4	15	19	59	.52	.094	37	58	.89	183	.09	35	1.90	.06	.14	13	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L00 1300W	1	6	5	26	.1	10	5	995	1.49	2	5	ND	4	13	.2	2	2	12	.28	.045	20	9	.38	253	.05	2	1.50	.01	.13	1	5
L00 1280W	1	11	9	27	.1	10	5	1056	1.49	3	5	ND	4	17	.3	2	2	12	.47	.047	16	9	.34	326	.06	7	1.55	.02	.14	1	1
L00 1260W	1	7	6	19	.1	9	5	773	1.36	5	5	ND	6	11	.2	2	2	9	.31	.027	21	9	.34	256	.04	3	1.16	.01	.11	1	6
L00 1240W	1	7	7	18	.2	8	4	527	1.27	2	5	ND	5	12	.3	2	2	10	.28	.032	18	8	.29	198	.05	6	1.19	.02	.12	1	3
L00 1220W	1	14	6	28	.2	8	4	1653	1.24	4	5	ND	4	16	.2	2	2	10	.45	.039	15	8	.25	416	.05	3	1.14	.01	.11	1	5
L00 1200W	1	6	4	11	.2	6	3	121	1.08	3	5	ND	8	6	.2	2	2	7	.23	.020	24	6	.28	90	.02	4	.73	.01	.08	1	6
L00 1180W	1	7	5	13	.1	6	3	373	.87	4	5	ND	5	8	.3	2	2	7	.25	.026	20	5	.23	143	.03	4	.76	.01	.08	1	3
L00 1160W	1	11	8	39	.2	13	5	1280	1.60	2	5	ND	4	16	.2	2	2	17	.29	.166	11	8	.24	403	.10	7	2.35	.02	.12	1	3
L00 1140W	1	10	9	64	.2	11	6	2145	1.69	2	5	ND	3	17	.2	2	2	18	.30	.184	10	9	.24	465	.10	3	2.14	.02	.12	1	1
L00 1120W	1	7	6	40	.2	12	4	532	1.48	3	5	ND	4	10	.2	2	2	13	.19	.073	15	9	.27	388	.06	6	1.95	.02	.09	1	3
L00 1100W	1	17	9	43	.2	17	5	743	1.63	2	5	ND	5	16	.3	2	2	16	.29	.202	10	9	.23	537	.10	4	2.47	.03	.14	1	1
L00 1080W	1	13	8	39	.2	13	4	1033	1.38	2	5	ND	3	17	.2	2	2	13	.29	.196	8	7	.17	442	.09	4	2.02	.03	.11	1	4
L00 1060W	1	11	8	33	.2	13	5	401	1.56	2	5	ND	4	13	.3	2	2	15	.22	.241	9	7	.19	337	.10	5	2.25	.02	.11	1	6
L00 1040W	1	6	9	49	.1	12	5	1226	1.46	4	5	ND	3	13	.3	2	2	14	.20	.180	10	7	.17	489	.09	6	1.96	.02	.10	1	5
L00 1020W	1	10	8	43	.1	13	5	942	1.41	7	5	ND	3	17	.2	2	2	14	.23	.178	8	7	.17	462	.10	10	2.12	.03	.09	1	3
L00 1000W	1	8	8	30	.1	8	4	418	1.17	5	5	ND	2	10	.2	2	2	10	.21	.060	11	6	.14	303	.06	5	1.46	.02	.10	1	4
STANDARD C/AU-S	18	58	39	131	7.1	72	31	1048	3.97	41	21	7	39	53	19.5	15	19	57	.51	.093	38	59	.90	181	.09	34	1.89	.06	.13	12	52

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GOLD CK

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3799 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
L4000N 1600W	1	6	5	59	.1	10	4	267	1.33	3	5	ND	1	14	.2	2	2	13	.19	.048	7	8	.35	227	.07	3	1.62	.01	.09	1	3
L4000N 1500W	1	4	4	24	.1	8	3	183	1.05	2	5	ND	2	7	.2	2	2	10	.10	.020	12	7	.37	101	.04	2	.93	.01	.06	1	5
L4000N 1400W	1	4	6	21	.1	9	4	107	1.23	2	5	ND	2	10	.3	2	2	11	.11	.027	9	8	.37	140	.06	3	1.42	.01	.09	1	3
L4000N 1300W	1	7	4	28	.1	9	5	199	1.46	2	5	ND	3	8	.3	2	2	12	.12	.041	12	8	.38	213	.05	3	1.19	.01	.07	1	1
L4000N 1200W	1	8	8	37	.2	11	5	184	1.47	2	5	ND	4	11	.3	2	4	13	.16	.033	12	8	.36	231	.06	4	1.42	.02	.08	1	3
L4000N 1100W	1	7	5	24	.2	9	5	330	1.97	3	5	ND	5	12	.2	2	2	14	.24	.014	16	9	.46	262	.07	4	1.75	.01	.15	1	2
L4000N 1000W	1	18	6	26	.1	12	11	407	2.11	4	5	ND	5	9	.4	2	2	15	.75	.024	19	11	.75	252	.04	5	1.48	.01	.14	1	2
L4000N 900W	1	7	5	35	.1	9	4	267	1.35	2	5	ND	3	9	.3	2	2	14	.15	.029	10	8	.36	196	.06	2	1.44	.01	.10	1	3
L4000N 800W	1	6	4	40	.1	7	3	374	1.13	3	5	ND	3	12	.2	2	2	11	.21	.040	12	6	.29	273	.05	3	1.17	.01	.08	1	2
L4000N 700W	1	8	9	44	.1	13	5	256	1.74	3	5	ND	4	13	.2	2	2	19	.17	.109	9	10	.42	321	.09	4	2.32	.01	.12	1	3
L4000N 600W	1	4	8	25	.1	7	3	122	1.09	2	5	ND	2	8	.2	2	2	10	.14	.027	13	6	.36	131	.04	2	1.10	.01	.06	1	4
L4000N 500W	1	7	5	31	.1	8	4	213	1.28	2	5	ND	3	10	.2	2	2	10	.26	.021	14	7	.42	152	.04	4	1.14	.01	.08	1	1
L4000N 400W	1	6	6	25	.1	10	4	115	1.25	2	5	ND	3	8	.2	2	2	11	.08	.016	15	7	.42	160	.06	2	1.43	.01	.09	1	2
L4000N 300W	1	11	8	57	.2	14	6	452	1.97	2	5	ND	5	14	.3	2	2	22	.17	.104	11	12	.40	248	.11	3	2.70	.02	.07	1	3
L2900N 2000W	1	5	4	34	.1	9	4	240	1.35	2	5	ND	3	9	.2	2	2	12	.15	.023	15	8	.39	168	.06	3	1.30	.01	.12	1	2
L2900N 1900W	1	12	9	17	.1	7	4	75	1.01	2	5	ND	1	27	.3	2	2	10	.31	.018	7	6	.33	425	.05	2	1.30	.05	.06	1	2
L2900N 1800W	1	6	2	23	.1	10	4	251	1.59	2	5	ND	5	8	.2	2	3	16	.12	.026	13	9	.44	180	.06	3	1.48	.01	.11	1	1
L2900N 1700W	1	6	2	25	.2	10	4	180	1.50	2	5	ND	5	8	.2	2	2	15	.15	.017	15	9	.42	135	.05	3	1.19	.01	.10	1	32
L2900N 1600W	1	8	4	22	.1	10	5	156	1.54	4	5	ND	4	8	.4	2	2	16	.25	.013	16	9	.47	174	.05	2	1.31	.01	.09	1	1
L2900N 1500W	1	6	2	17	.2	7	4	127	1.10	2	5	ND	3	7	.3	2	2	10	.12	.017	16	7	.36	138	.04	2	.90	.01	.08	1	1
L2900N 1400W	1	8	5	49	.2	13	5	226	1.64	2	5	ND	4	13	.2	2	2	15	.18	.136	9	9	.35	465	.08	4	2.16	.01	.12	1	1
L2900N 1300W	1	5	5	17	.1	7	3	134	1.11	2	5	ND	3	7	.2	2	2	10	.12	.022	16	6	.35	102	.05	3	.97	.01	.09	1	2
L2900N 1200W	1	4	5	24	.1	7	3	138	1.06	2	5	ND	4	8	.2	2	3	10	.17	.033	14	7	.35	129	.04	4	.95	.01	.11	1	1
L2900N 1100W	1	3	5	33	.1	6	3	292	1.03	2	5	ND	3	10	.4	2	2	10	.17	.038	12	8	.34	168	.04	4	.96	.01	.13	1	1
L2900N 1000W	1	4	4	24	.1	7	3	147	1.08	2	5	ND	3	8	.2	2	2	10	.15	.027	14	7	.38	132	.04	4	1.04	.01	.09	1	1
L2900N 900W	1	4	2	34	.1	7	3	243	1.03	3	5	ND	2	12	.3	2	3	10	.18	.035	11	7	.29	167	.05	3	1.03	.01	.08	1	4
L2900N 800W	1	3	2	27	.1	5	2	129	.87	2	5	ND	2	8	.2	2	2	7	.10	.023	12	6	.30	125	.03	2	.69	.01	.07	1	1
L2900N 700W	1	2	2	21	.1	5	2	174	.82	2	5	ND	2	11	.2	2	2	8	.21	.015	8	5	.28	115	.03	2	.70	.01	.07	1	2
L2900N 600W	1	4	2	29	.1	6	3	185	1.00	2	5	ND	3	8	.2	2	2	9	.14	.037	12	7	.35	117	.04	3	.95	.01	.10	1	3
L2900N 500W	1	5	5	20	.1	6	3	156	1.05	3	5	ND	2	7	.3	2	2	10	.11	.013	14	7	.36	104	.05	3	.94	.01	.11	1	3
L2900N 400W	1	5	3	38	.2	8	4	275	1.18	2	5	ND	2	9	.2	2	2	12	.13	.027	10	8	.35	173	.05	2	1.25	.01	.10	1	2
L2900N 300W	1	6	7	35	.1	9	4	259	1.35	2	5	ND	3	10	.3	2	2	14	.19	.016	13	9	.44	142	.05	2	1.18	.01	.10	1	3
L2900N 200W	1	3	5	30	.2	6	3	225	1.20	2	5	ND	3	9	.2	2	2	10	.18	.012	13	7	.37	143	.04	3	1.07	.01	.14	1	1
L2900N 100W	1	15	2	30	.2	14	8	338	2.07	2	5	ND	4	13	.2	2	2	15	.57	.037	23	12	.84	155	.03	2	1.27	.01	.06	1	2
L2800N 2000W	1	6	3	43	.1	7	4	534	1.26	2	5	ND	2	12	.2	2	2	11	.30	.078	11	8	.38	376	.04	2	1.07	.01	.09	1	1
L2800N 1900W	1	19	2	31	.3	7	5	350	.83	2	5	ND	1	44	.3	2	2	10	3.54	.038	5	5	.29	780	.03	3	.90	.03	.06	1	1
STANDARD C/AU-S	18	57	34	132	7.0	71	31	1042	3.94	39	20	7	39	53	19.2	10	21	60	.50	.091	38	56	.90	182	.09	37	1.86	.06	.12	8	45

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: SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 23 1990 **DATE REPORT MAILED:** Aug 30/90. **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
L2800N 1800W	1	8	7	33	.1	11	5	349	1.65	3	5	ND	5	9	.2	2	3	16	.16	.035	13	10	.48	199	.07	2	1.51	.01	.10	1	4
L2800N 1700W	1	7	6	27	.1	10	5	141	1.53	2	5	ND	4	10	.2	2	2	16	.16	.019	13	9	.48	186	.06	3	1.39	.01	.09	1	2
L2800N 1600W	1	8	7	19	.1	8	4	142	1.32	4	5	ND	8	7	.2	2	4	11	.14	.014	21	8	.44	148	.04	2	1.06	.01	.09	1	1
L2800N 1500W	1	7	10	21	.2	9	7	315	1.45	3	6	ND	4	76	.3	2	2	15	.17	.017	13	9	.41	1735	.06	2	1.42	.01	.09	1	2
L2800N 1400W	1	7	9	28	.2	9	4	170	1.45	2	5	ND	5	11	.2	2	2	14	.19	.026	14	9	.41	201	.07	2	1.54	.01	.12	1	2
L2800N 1300W	1	7	8	27	.1	8	4	142	1.26	2	5	ND	5	10	.2	2	2	12	.16	.018	17	8	.41	117	.05	2	1.26	.01	.12	1	1
L2800N 1200W	1	6	11	36	.2	8	4	239	1.39	2	5	ND	4	15	.4	2	2	12	.22	.031	11	8	.42	245	.07	3	1.76	.02	.14	1	2
L2800N 1100W	1	5	5	41	.1	7	3	203	1.16	2	5	ND	5	9	.2	2	3	11	.18	.034	12	8	.36	159	.05	4	1.15	.01	.16	1	2
L2800N 1000W	1	6	6	37	.1	9	4	100	1.34	2	5	ND	4	12	.3	2	2	13	.16	.018	12	9	.35	167	.07	2	1.58	.02	.11	1	1
L2800N 900W	1	7	5	33	.2	9	4	241	1.33	3	5	ND	5	13	.2	2	2	12	.20	.048	13	8	.35	163	.06	2	1.39	.01	.11	1	2
L2800N 800W	1	6	6	38	.1	9	3	126	1.24	4	5	ND	4	15	.3	2	2	11	.13	.062	11	8	.36	183	.06	3	1.49	.01	.10	1	1
L2800N 700W	1	7	4	36	.1	8	4	180	1.14	2	5	ND	2	12	.2	2	2	11	.13	.042	11	8	.36	201	.05	2	1.30	.01	.09	1	2
L2800N 600W	1	4	6	35	.2	8	3	200	1.11	2	5	ND	4	9	.2	2	2	11	.15	.030	12	7	.37	153	.05	2	1.15	.01	.11	1	3
L2800N 500W	1	4	2	30	.1	6	3	172	.95	2	5	ND	4	7	.2	2	2	10	.13	.019	12	7	.32	140	.04	2	.92	.01	.11	1	3
L2800N 400W	1	9	5	36	.1	8	4	372	1.31	3	5	ND	5	10	.4	2	2	10	.32	.023	19	8	.50	149	.03	4	.99	.01	.16	1	3
L2800N 300W	1	7	10	42	.2	10	4	302	1.56	2	5	ND	5	13	.2	2	2	15	.22	.021	12	9	.44	206	.07	2	1.57	.01	.13	1	2
L2800N 200W	1	8	7	24	.1	11	6	172	1.66	3	5	ND	6	7	.2	2	2	15	.18	.018	22	10	.64	86	.04	2	1.14	.01	.09	1	5
L2800N 100W	1	10	5	26	.1	12	8	363	1.90	3	5	ND	4	10	.4	2	2	15	.49	.039	21	11	.76	79	.03	2	1.09	.01	.05	1	1
L2700N 2100W	1	6	7	23	.1	9	4	210	1.38	2	5	ND	4	8	.2	2	3	13	.16	.032	13	7	.41	159	.05	2	1.33	.01	.10	1	2
L2700N 2000W	1	5	6	21	.1	6	3	265	1.13	2	5	ND	2	7	.2	2	2	11	.11	.022	11	7	.37	194	.05	2	.96	.01	.08	1	3
L2700N 2000WA	1	8	5	50	.1	10	6	301	1.51	2	5	ND	4	13	.4	2	2	14	.20	.039	11	8	.41	271	.06	2	1.47	.02	.11	1	3
L2700N 1900W	1	8	6	16	.1	11	7	231	1.77	3	5	ND	7	5	.2	2	2	13	.15	.015	20	9	.60	106	.03	2	.97	.01	.10	1	3
L2700N 1800W	1	4	5	23	.1	8	5	380	1.65	2	5	ND	5	6	.2	2	2	13	.13	.020	17	7	.49	133	.03	2	.84	.01	.08	1	2
L2700N 1700W	1	6	7	23	.1	9	4	184	1.27	2	5	ND	2	8	.3	2	2	12	.13	.019	10	7	.41	123	.05	2	1.06	.01	.08	1	3
L2700N 1600W	1	5	6	27	.1	6	3	220	1.04	2	5	ND	5	10	.2	2	2	11	.19	.021	14	6	.33	127	.05	2	.93	.01	.11	1	1
L2700N 1500W	1	4	6	22	.2	7	3	117	1.13	2	5	ND	5	7	.2	2	2	10	.11	.019	15	7	.35	113	.04	2	1.00	.01	.09	1	2
L2700N 1400W	1	5	6	18	.1	7	3	126	1.32	2	5	ND	4	6	.3	2	2	12	.09	.013	17	7	.41	119	.04	2	.94	.01	.09	1	3
L2700N 1300W	1	8	7	41	.1	9	4	202	1.28	2	5	ND	4	12	.2	2	2	11	.15	.048	11	7	.33	241	.06	2	1.60	.01	.09	1	2
L2700N 1200W	1	5	5	37	.1	8	3	162	1.18	2	5	ND	4	9	.2	2	3	11	.12	.022	12	7	.36	112	.05	2	1.04	.01	.11	1	2
L2700N 1100W	1	5	7	38	.1	7	3	227	1.12	2	5	ND	2	9	.2	2	2	11	.15	.018	11	7	.37	149	.05	2	1.04	.01	.10	1	3
L2700N 1000W	1	4	3	40	.1	6	3	255	.94	2	5	ND	2	6	.2	2	2	10	.09	.012	11	6	.33	108	.04	2	.81	.01	.08	1	2
L2700N 900W	1	6	7	39	.1	10	4	144	1.45	2	5	ND	4	11	.2	2	2	14	.15	.022	13	9	.42	150	.07	2	1.44	.01	.13	1	1
L2700N 800W	1	5	7	56	.4	8	3	330	1.13	2	5	ND	3	11	.3	2	2	10	.16	.016	12	8	.41	155	.04	2	.93	.01	.11	1	4
L2700N 700W	1	3	5	20	.1	6	3	157	.97	2	5	ND	3	8	.2	2	4	8	.09	.016	16	5	.33	92	.03	2	.78	.01	.07	1	2
L2700N 600W	1	4	6	24	.1	6	3	285	.96	2	5	ND	3	8	.3	2	2	10	.14	.019	13	6	.33	119	.04	2	.85	.01	.10	1	4
L2700N 500W	1	2	3	15	.1	5	3	140	.92	2	5	ND	4	6	.2	2	2	8	.13	.010	16	5	.36	80	.03	2	.75	.01	.08	1	3
STANDARD C/AU-S	18	57	34	131	6.8	71	32	1043	3.95	38	17	7	39	53	19.5	12	19	60	.51	.091	37	58	.92	181	.09	38	1.88	.06	.12	8	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L2700N 400W	1	3	4	24	.1	8	3	186	1.18	2	5	ND	3	6	.2	2	2	11	.09	.018	21	8	.43	109	.04	2	.82	.01	.07	1	2
L2500N 2900W	1	4	2	27	.1	8	3	268	1.29	2	5	ND	5	6	.2	2	2	10	.14	.019	20	9	.40	100	.03	2	.83	.01	.12	1	5
L2500N 2800W	1	3	4	30	.1	8	4	172	1.27	2	5	ND	5	8	.2	2	2	11	.16	.019	17	7	.39	116	.04	2	1.01	.01	.09	1	1
L2500N 2700W	1	4	4	17	.1	7	3	120	1.15	2	5	ND	5	7	.2	2	2	8	.15	.016	20	8	.37	96	.04	2	.95	.01	.10	1	8
L2500N 2600W	1	3	5	37	.1	8	4	415	1.32	2	5	ND	4	10	.3	2	2	12	.20	.032	14	8	.35	166	.06	2	1.22	.01	.16	1	6
L2500N 2500W	1	6	6	27	.1	9	4	430	1.38	2	5	ND	3	10	.2	2	2	13	.14	.018	14	9	.41	160	.06	2	1.26	.01	.13	1	3
L2500N 2400W	1	6	6	25	.1	9	5	356	1.62	2	5	ND	4	9	.3	2	2	13	.26	.019	15	9	.52	196	.05	2	1.30	.01	.13	1	3
L2500N 2300W	1	5	5	55	.1	8	5	669	1.58	3	5	ND	4	9	.3	2	2	12	.27	.033	13	8	.43	273	.04	2	1.01	.01	.13	1	4
L2500N 2200W	1	3	6	32	.1	7	3	264	1.05	2	5	ND	4	7	.2	2	3	9	.13	.016	13	7	.31	126	.04	2	.88	.01	.08	1	1
L2500N 2100W	1	6	9	86	.1	12	4	218	1.40	2	6	ND	2	18	.2	2	2	14	.22	.098	7	9	.30	510	.09	2	2.16	.02	.10	1	2
L2500N 2000W	1	7	5	46	.1	9	4	361	1.41	2	5	ND	4	10	.2	2	2	12	.17	.029	14	9	.51	207	.04	2	1.13	.01	.10	1	1
L2500N 2000WB	1	7	6	19	.1	11	5	317	1.57	2	5	ND	6	11	.2	2	2	12	.24	.020	19	10	.52	205	.04	2	1.22	.01	.11	1	6
L2500N 1900W	1	5	8	28	.1	8	3	234	1.22	2	5	ND	4	8	.3	2	2	12	.14	.021	15	8	.37	122	.05	2	.97	.01	.09	1	4
L2500N 1800W	1	5	5	41	.1	7	3	404	1.16	2	5	ND	2	13	.3	2	2	11	.20	.029	12	7	.37	206	.04	2	.95	.01	.09	1	1
L2500N 1700W	1	6	7	49	.1	9	4	243	1.36	2	5	ND	2	9	.3	2	2	12	.12	.040	13	8	.39	190	.05	2	1.28	.01	.10	1	1
L2500N 1600W	1	5	6	43	.1	6	3	247	.99	2	5	ND	2	9	.3	2	2	10	.12	.022	10	7	.30	180	.05	2	.98	.01	.08	1	1
L2500N 1500W	1	8	7	34	.1	11	5	115	1.58	4	8	ND	4	9	.2	2	2	15	.14	.021	14	10	.51	86	.06	2	1.31	.01	.11	1	4
L2500N 1400W	1	5	5	34	.1	6	3	171	.95	2	5	ND	3	6	.2	2	2	9	.10	.022	14	6	.35	125	.04	2	.80	.01	.08	1	5
L2500N 1300W	1	5	6	32	.1	6	3	326	1.01	2	5	ND	2	11	.2	2	2	9	.16	.023	11	6	.33	162	.05	2	.99	.01	.09	1	81
L2500N 1200W	1	6	4	22	.1	8	3	149	1.19	2	5	ND	4	7	.2	2	2	11	.12	.018	17	7	.42	118	.04	2	.98	.01	.09	1	13
L2500N 1100W	1	8	6	24	.1	8	5	452	1.36	2	6	ND	6	9	.2	2	2	9	.30	.032	19	7	.43	135	.03	2	1.05	.01	.15	1	3
STANDARD C/AU-S	18	59	40	131	6.9	70	32	1045	3.96	38	21	7	39	53	19.1	10	22	59	.51	.091	39	56	.89	181	.09	37	1.89	.06	.12	8	49

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

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD C
McNEIL

Bapty Research Limited File # 90-3878 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
L3200N 1700W	1	13	6	27	.2	9	4	369	1.28	6	7	ND	7	10	.3	2	2	10	.28	.031	23	9	.34	179	.04	9	.98	.01	.18	1	4
L3200N 1600W	1	9	6	38	.1	9	4	364	1.41	6	5	ND	5	12	.2	2	2	13	.23	.023	17	9	.32	282	.07	12	1.47	.02	.12	1	4
L3200N 1500W	1	10	8	47	.1	8	3	438	1.13	2	5	ND	2	15	.3	2	3	12	.21	.116	8	7	.20	295	.07	6	1.69	.02	.10	1	1
L3200N 1400W	1	9	6	34	.3	10	4	552	1.54	2	6	ND	6	15	.3	2	2	14	.25	.038	14	8	.28	347	.09	6	1.96	.02	.15	1	3
L3200N 1300W	1	11	4	20	.1	10	4	145	1.34	2	8	ND	7	8	.2	2	2	11	.20	.017	25	10	.36	115	.05	9	1.13	.01	.14	1	1
L3200N 1200W	1	12	7	45	.1	11	4	678	1.53	4	5	ND	5	14	.2	2	2	14	.21	.037	15	9	.30	273	.09	10	1.90	.02	.13	1	2
L3200N 1100W	1	10	6	32	.3	9	3	156	1.13	2	6	ND	5	14	.3	2	2	10	.22	.034	15	7	.26	231	.05	5	1.29	.02	.12	1	4
L3200N 1000W	1	10	9	46	.2	14	5	178	1.79	11	5	ND	6	17	.2	2	2	16	.26	.124	12	10	.32	566	.10	8	2.83	.02	.14	1	2
L3200N 900W	1	12	8	35	.1	12	5	146	1.52	3	7	ND	5	18	.2	2	2	13	.34	.033	14	9	.32	328	.08	6	2.01	.02	.12	1	4
L3200N 800W	1	9	5	22	.2	8	3	113	1.13	4	5	ND	5	10	.2	2	2	10	.19	.016	22	7	.30	106	.04	4	.87	.01	.09	1	2
L3200N 700W	1	8	5	26	.2	8	3	125	1.11	2	7	ND	6	11	.2	2	2	10	.18	.014	21	7	.22	89	.05	5	1.11	.02	.11	1	2
L3200N 600W	1	6	3	17	.2	8	3	52	1.11	2	5	ND	6	6	.3	2	3	8	.11	.015	25	8	.38	50	.03	4	.74	.01	.08	1	1
L3200N 500W	1	7	7	49	.1	9	3	261	1.34	3	6	ND	4	15	.2	2	2	12	.16	.065	12	8	.29	188	.07	6	1.65	.02	.13	1	3
L3200N 400W	1	12	9	40	.1	9	3	152	1.24	4	5	ND	4	11	.2	2	2	11	.13	.035	15	8	.33	146	.07	4	1.52	.01	.11	1	4
L3200N 300W	1	7	8	37	.1	13	5	130	1.62	3	5	ND	5	17	.2	2	2	15	.16	.039	13	10	.35	216	.09	7	2.24	.02	.13	1	3
L3200N 200W	1	10	7	36	.2	10	4	233	1.34	3	5	ND	5	12	.4	2	2	14	.19	.029	17	9	.32	127	.06	6	1.26	.02	.11	1	1
L3200N 100W	1	7	8	45	.1	10	4	321	1.43	8	5	ND	3	13	.2	2	2	14	.16	.026	13	9	.29	189	.08	7	1.75	.02	.10	1	6
L3100N 1700W	1	10	4	20	.2	8	4	110	1.07	4	5	ND	3	31	.2	2	2	12	.40	.018	7	6	.23	412	.06	5	1.44	.06	.10	1	1
L3100N 1600W	1	6	10	26	.1	9	4	151	1.38	5	6	ND	4	13	.2	2	2	13	.18	.015	11	8	.30	233	.07	6	1.58	.02	.10	1	4
L3100N 1500W	1	8	6	26	.2	8	3	212	1.35	4	5	ND	5	11	.2	2	2	11	.18	.047	15	8	.31	210	.06	6	1.38	.02	.11	1	2
L3100N 1400W	1	13	6	30	.2	9	4	203	1.30	4	5	ND	5	12	.2	2	2	12	.20	.028	16	8	.29	276	.06	6	1.51	.02	.11	1	5
L3100N 1300W	1	20	5	21	.1	12	5	150	1.59	3	5	ND	9	8	.2	2	2	11	.20	.016	29	10	.42	177	.04	6	1.17	.01	.13	1	4
L3100N 1200W	1	15	8	33	.1	13	6	411	1.75	6	5	ND	5	22	.2	2	2	15	.28	.048	16	9	.30	357	.10	6	2.54	.02	.12	1	6
L3100N 1100W	1	15	8	30	.1	11	5	150	1.48	5	6	ND	6	12	.2	2	2	13	.16	.023	18	9	.34	200	.07	6	1.57	.02	.13	1	3
L3100N 1000W	1	12	8	42	.2	13	5	196	1.67	8	5	ND	5	21	.2	2	2	15	.25	.106	13	9	.27	261	.08	9	2.05	.03	.16	1	1
L3100N 900W	1	9	6	29	.1	8	3	143	1.16	2	5	ND	5	10	.2	2	2	9	.21	.030	20	7	.29	164	.04	7	1.01	.01	.11	1	1
L3100N 800W	1	15	7	32	.2	11	4	199	1.46	2	7	ND	6	12	.2	2	2	11	.24	.023	18	8	.35	158	.06	5	1.46	.01	.14	1	6
L3100N 700W	1	15	12	51	.2	15	5	195	1.77	9	5	ND	5	23	.2	2	3	15	.27	.066	12	10	.31	339	.10	10	2.65	.03	.13	1	5
L3100N 600W	1	5	6	35	.2	9	3	123	1.23	2	5	ND	5	13	.2	2	2	11	.18	.018	16	8	.32	144	.06	5	1.41	.02	.11	1	1
L3100N 500W	1	5	6	30	.2	9	3	159	1.18	2	6	ND	3	12	.2	2	2	11	.15	.028	12	8	.29	126	.06	5	1.42	.02	.10	1	3
L3100N 400W	1	10	11	49	.2	14	5	201	1.66	2	5	ND	5	14	.2	2	2	15	.17	.079	15	11	.37	216	.08	5	2.32	.02	.12	1	5
L3100N 300W	1	6	7	37	.1	11	5	199	1.37	5	5	ND	5	8	.2	2	2	11	.14	.028	23	10	.52	87	.04	4	1.15	.01	.10	1	2
L3100N 200W	1	7	9	47	.1	13	4	357	1.43	2	5	ND	5	19	.2	2	2	15	.25	.039	10	9	.29	215	.09	8	1.99	.02	.16	1	4
L3100N 100W	1	6	6	31	.1	9	4	209	1.39	2	5	ND	5	9	.2	2	2	11	.14	.017	18	9	.36	118	.06	4	1.24	.01	.10	1	4
L3000N 2100W	1	8	5	35	.1	10	4	177	1.52	2	5	ND	5	10	.2	2	2	12	.17	.024	17	9	.39	129	.05	5	1.32	.01	.12	1	3
L3000N 2000W	1	11	6	44	.1	9	4	263	1.37	8	5	ND	5	11	.2	2	2	11	.17	.026	17	9	.33	182	.06	6	1.30	.01	.10	1	3
STANDARD C/AU-S	18	59	38	131	7.2	73	31	1048	3.97	42	19	7	40	55	19.7	10	19	58	.52	.095	39	60	.89	182	.09	37	1.89	.06	.13	8	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: SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 26 1990 **DATE REPORT MAILED:** Aug 30/90. **SIGNED BY** C. Leong ...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
L3000N 1900W	1	9	7	43	.2	12	4	161	1.63	3	5	ND	5	13	.2	2	2	15	.20	.022	15	10	.35	247	.09	7	1.93	.02	.11	1	4
L3000N 1800W	1	14	7	28	.2	13	4	105	1.44	5	5	ND	5	31	.2	2	2	12	.44	.024	14	8	.32	548	.10	4	2.34	.06	.09	1	6
L3000N 1700W	1	14	9	41	.1	13	5	410	1.94	2	5	ND	5	16	.2	2	2	18	.24	.060	11	10	.33	537	.10	4	2.51	.02	.09	1	1
L3000N 1600W	1	10	9	39	.2	12	4	311	1.64	2	5	ND	6	11	.2	2	2	15	.21	.023	15	11	.33	339	.07	5	1.86	.01	.12	1	2
L3000N 1500W	1	10	6	35	.1	14	6	95	1.89	2	5	ND	6	12	.2	2	2	15	.16	.049	17	10	.38	438	.08	5	2.25	.02	.13	1	4
L3000N 1400W	1	8	6	28	.1	10	4	123	1.37	3	5	ND	6	10	.2	2	2	11	.16	.021	20	9	.34	138	.05	4	1.25	.01	.14	1	1
L3000N 1300W	1	8	7	42	.1	10	4	265	1.39	6	5	ND	4	11	.2	2	3	12	.18	.032	17	8	.32	175	.06	6	1.47	.01	.13	1	5
L3000N 1200W	1	5	5	34	.1	10	4	129	1.45	2	5	ND	6	11	.2	2	3	13	.16	.034	17	9	.33	162	.06	7	1.44	.02	.14	1	1
L3000N 1100W	1	6	7	32	.1	9	4	235	1.40	2	5	ND	6	12	.2	2	3	12	.25	.023	19	9	.33	141	.05	4	1.32	.01	.14	2	4
L3000N 1000W	1	10	6	38	.1	9	3	193	1.30	2	5	ND	5	10	.2	2	2	12	.13	.025	17	8	.29	140	.06	4	1.29	.01	.14	1	2
L3000N 900W	1	14	9	39	.1	19	4	233	1.42	2	5	ND	4	28	.2	2	2	15	.23	.211	10	8	.21	240	.11	4	2.37	.03	.11	1	3
L3000N 800W	1	5	5	44	.1	7	3	284	1.07	2	5	ND	3	15	.2	2	2	10	.17	.063	15	7	.23	280	.04	4	1.16	.01	.11	1	3
L3000N 700W	1	1	6	42	.1	9	3	300	1.24	2	5	ND	4	13	.2	2	2	11	.22	.026	14	9	.29	193	.06	5	1.36	.01	.12	1	2
L3000N 600W	1	5	8	37	.1	11	4	97	1.45	8	5	ND	5	15	.2	2	2	12	.26	.036	18	10	.40	197	.06	7	1.63	.02	.12	1	3
L3000N 500W	1	6	6	48	.1	12	4	140	1.41	8	5	ND	5	12	.2	2	2	12	.16	.049	14	9	.34	185	.07	3	1.78	.01	.12	1	1
L3000N 400W	1	10	7	42	.1	11	4	219	1.51	2	5	ND	5	10	.2	2	2	13	.16	.036	18	10	.40	146	.06	5	1.46	.01	.13	1	3
L3000N 300W	1	6	6	29	.1	11	4	262	1.54	6	5	ND	7	10	.2	2	2	11	.21	.023	24	11	.48	118	.05	5	1.30	.01	.16	1	1
L3000N 200W	1	13	10	53	.1	15	6	228	2.07	2	5	ND	6	40	.2	2	2	16	.41	.219	14	10	.35	642	.14	6	3.54	.03	.14	1	1
L3000N 100W	1	6	8	29	.1	12	5	160	1.67	2	5	ND	5	15	.2	2	2	13	.27	.026	15	9	.39	133	.07	4	1.63	.02	.14	1	2
L2500N 3700W	1	2	6	32	.1	7	3	184	1.30	2	5	ND	4	10	.2	2	2	10	.19	.015	20	7	.28	164	.05	4	1.15	.01	.08	1	1
L2500N 3600W	1	4	9	48	.1	8	4	556	1.37	2	5	ND	4	11	.2	2	2	11	.46	.024	16	8	.31	190	.06	5	1.37	.01	.11	1	1
L2500N 3500W	1	4	8	34	.1	9	3	218	1.27	2	5	ND	4	9	.2	2	2	11	.14	.023	16	8	.27	123	.06	3	1.18	.01	.10	1	1
L2500N 3400W	1	9	11	35	.1	10	3	140	1.39	5	5	ND	5	14	.2	2	3	12	.16	.022	13	8	.26	160	.08	4	1.65	.02	.12	2	2
L2500N 3300W	1	6	8	42	.1	10	4	259	1.41	4	5	ND	3	16	.2	2	2	12	.19	.045	12	9	.25	211	.07	4	1.65	.02	.10	2	1
L2500N 3200W	1	3	8	46	.1	9	4	225	1.41	5	5	ND	4	11	.2	2	2	13	.16	.031	12	8	.29	143	.07	4	1.42	.01	.11	1	5
L2500N 3100W	1	3	6	30	.1	8	3	152	1.22	6	5	ND	4	10	.2	2	2	11	.14	.020	14	8	.26	137	.05	4	1.18	.01	.10	1	4
L2500N 3000W	1	6	9	30	.2	8	4	345	1.23	2	5	ND	4	12	.2	2	2	10	.28	.014	15	9	.28	149	.05	4	.99	.01	.13	1	2
L1900N 1700W	1	7	9	54	.1	11	4	537	1.19	2	5	ND	3	16	.3	2	2	12	.15	.114	6	7	.18	346	.08	4	1.78	.02	.08	1	3
L1900N 1500W	1	8	8	25	.1	10	7	507	2.34	6	5	ND	6	14	.2	2	3	12	.41	.039	16	12	.51	774	.04	8	1.25	.01	.25	1	6
L1900N 1400W	1	1	2	7	.1	2	3	623	1.32	2	5	ND	4	77	.5	2	2	7	10.25	.044	5	7	5.43	776	.01	3	.23	.01	.09	1	2
L1900N 1300W	1	1	4	19	.2	4	4	554	1.37	5	5	ND	4	45	.3	2	2	6	1.99	.058	8	8	1.35	2243	.01	2	.46	.01	.12	1	4
L1900N 1200W	1	12	7	23	.1	12	6	180	1.99	2	5	ND	8	8	.2	2	3	12	.25	.021	20	10	.49	156	.05	3	1.23	.01	.14	1	8
L1900N 1100W	1	9	8	28	.1	8	4	171	1.29	2	5	ND	4	13	.2	2	3	10	.16	.048	12	7	.28	171	.06	4	1.45	.02	.10	1	1
L1900N 1000W	1	9	8	19	.1	11	6	294	1.43	2	5	ND	6	7	.3	2	2	10	.25	.038	23	10	.47	122	.03	2	.89	.01	.06	1	2
L500N 25E	1	27	20	108	.6	23	16	399	2.69	5	5	ND	4	9	.4	2	2	40	.12	.043	8	25	.37	91	.15	2	2.97	.01	.10	1	2
L500N 50E	1	37	21	97	.2	23	17	293	2.50	12	5	ND	5	11	.4	2	2	34	.13	.035	7	24	.36	94	.17	2	3.25	.02	.13	1	1
STANDARD C/AU-S	18	58	38	132	7.0	71	32	1046	3.95	44	15	7	39	53	18.5	15	19	57	.51	.094	38	58	.89	181	.09	37	1.89	.06	.13	12	47

McNeil ?

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
L500N 75E	1	36	19	100	.2	15	8	443	3.36	20	5	ND	5	9	.4	2	2	51	.15	.091	7	22	.28	82	.19	4	3.85	.02	.09	1	1
L500N 100E	1	107	21	90	.2	16	9	401	3.77	9	5	ND	6	8	.2	2	2	54	.10	.124	8	20	.39	71	.21	5	3.68	.02	.13	1	4
L500N 125E	1	16	20	57	.1	11	4	154	3.66	5	5	ND	6	6	.2	2	2	59	.09	.054	7	24	.28	56	.24	2	2.48	.01	.11	1	2
L500N 150E	1	13	31	58	.3	11	5	175	2.97	7	5	ND	8	6	.2	2	2	38	.04	.054	17	16	.27	63	.19	2	3.26	.01	.13	1	6
L500N 175E	1	12	21	49	.1	9	3	386	2.91	2	5	ND	5	6	.2	2	2	49	.06	.036	10	12	.17	50	.20	3	1.27	.01	.09	1	5
L500N 200E	1	17	20	62	.3	12	5	350	3.84	6	5	ND	6	6	.2	2	2	56	.10	.038	9	20	.28	50	.16	3	2.28	.01	.10	1	4
L500N 225E	1	25	17	82	.3	13	6	163	3.35	5	5	ND	8	5	.2	2	2	44	.06	.037	7	21	.27	52	.16	2	4.86	.01	.09	1	3
L500N 250E	1	12	21	60	.1	11	4	246	4.09	2	5	ND	5	5	.2	2	2	63	.09	.033	8	22	.33	39	.16	3	2.06	.01	.09	1	2
L400N 500W	1	23	22	192	.5	23	22	594	2.85	5	5	ND	7	13	.5	3	2	31	.12	.078	23	14	.29	123	.19	4	3.29	.02	.17	1	1
L400N 475W	1	20	32	208	.2	24	34	1138	3.05	6	5	ND	4	36	.3	2	2	28	.30	.044	33	16	.30	175	.18	3	1.79	.02	.18	1	2
L400N 450W	1	115	33	175	.5	56	185	2116	2.52	3	5	ND	1	45	.9	2	2	23	.29	.061	175	15	.35	177	.12	4	2.28	.02	.19	1	2
L400N 425W	1	31	29	108	.3	19	26	371	2.22	5	5	ND	6	22	.2	2	2	21	.18	.067	46	14	.29	118	.15	2	1.67	.01	.18	1	4
L400N 400W	1	13	17	81	.2	14	8	138	2.40	2	5	ND	8	6	.2	2	2	26	.06	.022	19	13	.30	73	.14	5	2.04	.01	.18	1	1
L400N 375W	1	15	15	76	.3	16	8	198	2.71	2	5	ND	7	9	.4	2	2	26	.07	.067	14	14	.28	90	.16	4	3.82	.02	.16	1	2
L400N 350W	1	13	18	64	.1	13	6	169	2.98	2	5	ND	9	7	.2	2	3	30	.07	.024	17	17	.37	75	.18	4	1.98	.01	.23	1	2
L400N 325W	1	18	29	104	.1	17	9	247	2.53	2	5	ND	7	12	.2	2	3	31	.15	.056	17	15	.30	99	.15	3	2.77	.01	.19	1	4
L400N 300W	1	19	38	82	.4	16	21	888	2.85	2	5	ND	6	18	.3	2	2	33	.16	.034	27	16	.37	116	.19	5	2.00	.02	.16	1	4
L400N 275W	1	21	41	102	.1	16	20	1543	2.86	2	5	ND	6	18	.3	2	2	33	.11	.037	40	17	.30	174	.20	2	1.70	.01	.23	1	2
L400N 250W	1	17	26	106	.1	21	13	347	3.31	8	5	ND	8	12	.2	2	4	37	.13	.059	22	21	.33	92	.19	3	3.41	.01	.22	1	4
L400N 225W	1	15	24	95	.1	15	9	249	2.84	2	5	ND	6	6	.3	2	2	36	.10	.046	17	18	.30	84	.14	3	2.19	.01	.18	1	2
L400N 200W	1	22	23	121	.2	23	12	298	3.34	3	5	ND	12	8	.2	2	2	31	.06	.050	25	19	.42	118	.20	3	3.22	.01	.34	1	2
L400N 175W	1	14	24	108	.2	20	7	190	3.85	2	5	ND	12	6	.2	2	2	36	.05	.036	28	20	.43	75	.20	5	2.35	.01	.33	1	1
L400N 150W	1	24	21	163	.2	22	9	373	3.61	2	5	ND	13	13	.3	2	2	33	.14	.075	19	17	.46	124	.23	5	3.58	.01	.31	1	3
L400N 125W	1	17	38	159	.2	14	7	313	3.88	5	5	ND	8	9	.2	2	2	35	.09	.056	21	22	.50	126	.20	4	2.41	.01	.22	1	2
L400N 100W	2	20	32	112	.3	14	5	197	3.97	5	5	ND	8	21	.3	2	2	34	.13	.076	30	19	.42	129	.16	4	2.03	.01	.22	1	4
L400N 75W	1	4	14	41	.1	6	3	294	1.56	3	5	ND	5	5	.3	2	2	31	.07	.020	12	10	.15	53	.12	2	.90	.01	.11	2	7
L400N 50W	1	17	10	68	.2	7	8	505	2.53	7	5	ND	5	5	.3	2	2	31	.04	.107	9	14	.12	47	.15	4	4.97	.02	.05	1	1
L400N 25W	1	25	19	90	.3	13	9	526	2.50	4	5	ND	5	8	.4	2	2	35	.12	.104	12	17	.30	85	.14	5	2.74	.02	.09	1	4
L400N 00W	1	43	29	81	.1	18	10	247	2.74	3	5	ND	8	6	.2	2	2	35	.14	.023	18	24	.73	86	.16	4	2.09	.01	.29	1	4
L400N 25E	1	15	21	78	.1	11	7	276	2.47	2	5	ND	4	10	.2	2	2	45	.17	.032	10	19	.31	73	.15	3	1.48	.01	.09	1	8
L400N 50E	1	19	22	85	.2	35	19	3480	2.50	12	5	ND	2	36	.8	2	2	41	.71	.046	4	81	1.01	308	.07	4	1.73	.03	.08	1	1
L400N 75E	1	50	16	78	.1	17	9	215	2.72	15	5	ND	5	10	.3	2	2	39	.08	.091	8	22	.32	64	.21	3	5.19	.02	.06	1	3
L400N 100E	1	28	45	88	.2	16	6	177	3.53	3	5	ND	10	6	.2	2	2	42	.05	.036	11	23	.52	61	.19	5	4.04	.01	.14	1	5
L400N 125E	1	29	32	89	.1	13	6	227	3.67	16	5	ND	9	6	.2	2	2	40	.04	.059	12	22	.38	57	.19	4	4.94	.01	.09	1	7
L400N 150E	1	27	31	89	.1	19	8	262	4.58	4	5	ND	9	5	.2	2	2	64	.04	.068	18	37	.56	74	.22	3	3.95	.01	.27	1	6
L400N 175E	1	23	24	64	.1	14	6	169	3.91	3	5	ND	9	5	.2	2	2	48	.06	.035	11	23	.40	42	.16	5	2.79	.01	.11	1	5
STANDARD C/AU-S	18	59	37	130	6.8	72	31	1047	3.95	41	16	7	40	52	18.7	15	21	57	.52	.095	39	58	.89	182	.09	36	1.89	.06	.14	11	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
L400N 200E	11	17	21	58	.1	10	4	328	2.77	3	5	ND	5	6	.2	2	2	48	.08	.030	8	16	.23	56	.13	3	2.35	.01	.08	1	7
L400N 225E	3	23	21	79	.1	16	7	201	3.47	3	5	ND	7	5	.2	2	2	44	.07	.045	12	22	.37	65	.15	2	3.81	.01	.11	1	4
L400N 250E	1	25	20	86	.2	15	7	255	3.30	2	5	ND	7	5	.2	2	2	46	.08	.039	9	24	.37	44	.15	5	3.85	.01	.10	1	4
L200N 500W	1	37	33	125	.1	29	24	656	3.19	2	5	ND	6	33	.3	2	2	30	.31	.025	64	21	.51	123	.19	4	2.20	.01	.32	1	3
L200N 475W	1	61	43	154	.2	41	44	1569	3.05	5	5	ND	1	44	.6	2	2	29	.39	.074	120	20	.44	133	.12	4	2.42	.01	.27	1	4
L200N 450W	1	57	48	181	.1	45	45	1608	3.09	2	5	ND	1	58	.8	2	3	29	.51	.066	130	19	.44	160	.14	4	2.57	.01	.25	1	1
L200N 425W	1	53	40	160	.5	41	30	1027	3.38	2	5	ND	3	23	.7	2	2	32	.19	.035	121	19	.35	118	.19	4	2.40	.01	.23	1	3
L200N 400W	1	20	21	146	.1	19	12	668	2.96	2	5	ND	7	14	.3	2	2	30	.14	.033	21	16	.38	152	.20	4	2.43	.01	.22	1	3
L200N 375W	1	19	23	138	.4	15	9	312	2.86	2	6	ND	4	13	.3	2	2	31	.10	.046	17	15	.31	100	.18	4	2.13	.01	.18	1	1
L200N 350W	1	9	23	139	.2	14	9	663	2.66	3	5	ND	6	22	.2	2	2	30	.19	.032	21	14	.29	150	.17	3	1.44	.01	.20	1	4
L200N 325W	2	15	35	110	.1	17	8	164	3.44	2	5	ND	7	10	.2	2	2	35	.09	.042	36	16	.32	85	.20	4	2.63	.01	.17	1	1
L200N 300W	1	16	44	129	.1	19	7	172	3.80	6	5	ND	14	14	.2	2	2	46	.11	.088	16	19	.24	90	.25	6	2.92	.02	.14	1	4
L200N 275W	1	24	26	126	.2	17	9	297	3.42	2	5	ND	8	10	.2	2	2	35	.07	.044	16	21	.75	112	.23	2	2.80	.01	.24	1	1
L200N 250W	1	18	28	104	.2	13	10	539	3.06	2	5	ND	7	8	.2	2	2	41	.07	.050	15	15	.28	74	.20	3	2.37	.01	.15	1	1
L200N 225W	1	26	27	142	.1	23	18	394	3.36	6	5	ND	9	9	.2	2	2	39	.09	.059	22	20	.37	97	.19	3	3.95	.01	.20	1	2
L200N 200W	1	31	26	118	.1	25	11	246	3.53	5	5	ND	10	6	.2	2	2	41	.08	.035	21	21	.46	81	.17	5	2.85	.01	.27	1	3
L200N 175W	1	36	41	117	.1	31	16	214	3.44	2	5	ND	11	8	.3	2	2	41	.07	.065	45	20	.39	83	.20	3	4.65	.01	.19	1	5
L200N 150W	1	22	24	114	.1	19	12	296	3.34	2	5	ND	8	8	.2	2	2	44	.12	.036	20	18	.32	66	.15	4	2.38	.01	.17	1	5
L200N 125W	1	25	27	184	.2	29	15	535	3.97	9	5	ND	11	10	.2	2	2	41	.09	.067	27	22	.41	88	.18	4	3.54	.01	.18	1	4
L200N 100W	1	25	25	129	.1	23	9	317	3.47	4	5	ND	9	8	.2	2	2	37	.06	.072	27	18	.40	69	.18	2	3.44	.01	.16	1	2
L200N 75W	1	22	27	84	.1	11	4	210	3.37	3	5	ND	5	9	.2	2	2	46	.09	.048	12	13	.18	55	.15	2	1.60	.01	.08	1	5
L200N 50W	1	15	24	65	.2	11	6	323	2.91	2	5	ND	6	7	.2	2	2	42	.08	.049	11	15	.21	69	.14	2	2.25	.01	.09	1	11
L200N 25W	1	35	22	87	.1	18	8	267	3.59	6	5	ND	8	8	.2	2	2	44	.07	.064	17	22	.46	68	.18	4	3.81	.01	.18	1	3
L200N 00W	1	29	24	90	.3	13	10	514	2.64	7	6	ND	6	7	.2	2	2	39	.08	.057	10	16	.26	78	.16	4	3.29	.02	.10	1	4
L200N 25E	1	28	24	112	.4	17	12	269	2.78	5	5	ND	5	8	.3	2	2	38	.11	.071	13	17	.33	82	.15	2	3.57	.01	.11	1	4
L200N 50E	1	16	18	90	.1	13	9	514	2.34	6	5	ND	4	10	.3	2	2	36	.12	.065	10	16	.24	72	.14	2	2.81	.01	.08	1	3
L200N 75E	1	22	27	97	.1	14	14	570	2.66	2	5	ND	6	7	.3	2	3	37	.09	.035	14	19	.36	67	.13	3	2.55	.01	.14	1	4
L200N 100E	1	24	24	103	.1	18	14	1684	2.94	2	5	ND	6	16	.3	2	2	40	.16	.038	12	20	.36	119	.17	3	3.46	.01	.13	1	3
L200N 125E	1	31	28	96	.3	19	11	357	3.25	4	5	ND	8	7	.3	2	2	44	.08	.034	13	24	.47	77	.16	3	3.22	.01	.15	1	6
L200N 150E	1	25	21	78	.1	15	8	406	2.97	2	5	ND	6	7	.2	2	2	46	.10	.028	11	20	.36	69	.14	2	2.29	.01	.12	1	4
L200N 175E	1	24	20	85	.5	12	8	265	2.70	2	6	ND	5	6	.4	2	2	37	.06	.041	13	16	.30	80	.17	2	3.45	.01	.10	1	3
L200N 200E	1	30	19	80	.2	15	9	390	2.85	4	5	ND	6	9	.3	2	2	41	.13	.034	11	18	.33	77	.15	3	2.76	.01	.12	1	3
L200N 225E	1	16	19	92	.2	13	7	296	2.87	2	5	ND	6	11	.2	2	2	39	.14	.029	11	21	.56	67	.15	3	3.07	.02	.14	1	6
L200N 250E	1	18	19	96	.3	14	9	283	2.82	3	5	ND	6	9	.2	2	2	37	.11	.031	13	17	.37	81	.16	3	3.11	.01	.13	1	2
L00 500W	1	14	24	109	.2	15	8	277	3.07	7	5	ND	6	14	.2	2	2	31	.12	.043	14	17	.47	91	.18	4	2.02	.01	.22	1	2
L00 475W	1	23	24	151	.3	22	15	238	3.33	5	5	ND	9	7	.3	2	2	36	.05	.047	24	17	.30	96	.17	2	2.94	.01	.17	1	3
STANDARD C/AU-S	19	60	41	132	7.0	73	31	1047	3.96	44	19	7	39	52	18.9	15	18	58	.52	.097	40	60	.89	183	.09	37	1.89	.06	.13	11	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L00 450W	1	12	25	93	.1	11	5	211	3.06	2	6	ND	7	10	.2	3	2	42	.11	.042	12	14	.27	77	.20	2	1.31	.01	.18	1	5
L00 425W	1	17	24	135	.1	20	11	404	2.82	2	5	ND	8	10	.2	2	2	33	.08	.043	15	15	.30	155	.20	2	2.78	.02	.20	1	8
L00 400W	1	18	22	112	.2	17	9	208	3.05	6	5	ND	8	7	.2	2	2	34	.06	.026	16	16	.29	111	.18	2	2.94	.01	.21	1	3
L00 375W	1	13	17	90	.1	13	7	260	2.49	2	5	ND	6	6	.2	2	2	29	.07	.021	14	15	.27	92	.16	2	2.05	.01	.22	1	5
L00 350W	1	34	29	103	.2	21	27	626	2.99	2	5	ND	10	10	.2	2	2	36	.06	.059	38	15	.28	92	.20	2	3.45	.02	.12	1	5
L00 325W	1	26	21	109	.1	18	8	279	3.74	10	5	ND	11	9	.2	2	2	33	.12	.040	20	18	.43	75	.21	2	2.10	.01	.29	1	4
L00 300W	1	17	24	127	.2	17	7	403	3.45	7	5	ND	9	8	.2	2	2	40	.08	.042	13	17	.33	95	.20	2	2.75	.01	.25	1	1
L00 275W	1	15	18	70	.1	12	5	137	2.83	6	5	ND	7	7	.2	2	2	38	.08	.023	13	14	.25	75	.15	2	2.31	.01	.14	1	3
L00 250W	1	22	23	109	.3	15	9	535	2.69	11	5	ND	7	8	.3	3	2	35	.06	.057	17	17	.26	98	.19	2	3.94	.02	.13	1	2
L00 225W	1	37	36	154	.4	26	24	387	3.63	7	5	ND	13	7	.2	2	2	41	.07	.036	32	22	.40	98	.12	2	2.77	.01	.17	1	15
L00 200W	1	33	26	97	.1	21	10	206	3.15	11	5	ND	8	7	.2	2	2	45	.11	.039	14	19	.40	77	.17	2	2.89	.01	.15	1	26
L00 175W	1	33	24	103	.1	18	8	277	3.16	12	5	ND	8	8	.2	2	2	41	.09	.047	16	17	.33	87	.18	2	3.20	.01	.14	1	5
L00 150W	1	15	26	93	.1	13	6	1033	3.01	2	5	ND	8	14	.2	2	3	32	.13	.034	17	17	.39	115	.17	3	1.52	.01	.29	1	5
L00 125W	1	54	21	124	.1	29	10	253	3.35	6	5	ND	12	9	.2	2	2	35	.06	.118	42	20	.50	68	.16	2	3.45	.01	.19	1	5
L00 100W	1	34	29	93	.1	18	8	219	3.42	10	5	ND	8	9	.2	5	2	40	.06	.078	28	19	.44	95	.25	4	2.35	.01	.23	1	2
L00 75W	1	19	18	97	.2	14	9	330	2.94	10	5	ND	5	8	.2	2	2	40	.07	.052	9	15	.24	82	.19	2	4.01	.01	.10	1	3
L00 50W	1	26	20	94	.2	13	8	718	2.73	6	9	ND	6	8	.2	3	2	38	.06	.104	11	15	.21	101	.19	2	3.71	.02	.11	1	3
L00 25W	1	36	23	93	.2	12	9	636	2.79	8	5	ND	5	7	.2	2	2	37	.07	.090	13	16	.25	69	.18	2	3.69	.02	.13	1	7
L00 00W	1	20	18	101	.4	11	9	570	2.59	4	5	ND	4	7	.2	2	2	36	.06	.077	8	13	.18	72	.18	3	3.52	.02	.08	1	3
L00 25E	1	16	20	88	.1	11	7	469	2.84	4	5	ND	5	9	.3	2	2	39	.10	.091	10	15	.21	75	.19	2	3.08	.02	.10	1	1
L00 50E	1	97	35	99	.7	31	35	1189	4.66	41	5	ND	6	39	.5	2	3	81	.34	.052	24	74	.66	132	.21	2	5.45	.02	.22	1	3
L00 75E	1	25	19	86	.3	14	10	341	2.86	11	5	ND	2	10	.4	2	2	36	.12	.047	9	19	.36	80	.17	2	3.39	.01	.10	1	1
L00 100E	1	26	18	134	.2	18	13	334	3.03	3	5	ND	6	13	.2	2	2	36	.13	.045	15	22	.42	77	.18	4	3.44	.02	.12	1	2
L00 125E	1	33	27	71	.2	15	12	788	2.54	8	5	ND	3	19	.4	2	2	39	.20	.031	23	20	.33	84	.17	2	2.45	.02	.10	1	1
L00 150E	1	16	5	48	.1	8	6	339	1.31	14	5	ND	1	5	.5	16	2	20	.07	.035	5	10	.15	39	.09	3	1.40	.01	.02	1	3
L00 175E	1	31	17	83	.2	16	11	226	2.69	6	5	ND	6	8	.2	2	2	37	.09	.053	9	16	.29	80	.18	2	4.02	.02	.12	1	2
L00 200E	1	27	16	64	.1	13	7	135	2.60	3	5	ND	6	5	.2	2	3	37	.09	.030	9	16	.36	55	.13	2	2.27	.01	.14	1	4
L00 225E	1	22	14	82	.1	21	9	210	3.93	8	5	ND	4	10	.3	2	2	54	.16	.041	8	38	.46	72	.17	2	2.59	.01	.11	1	9
L00 250E	1	67	15	77	.1	29	17	361	3.54	5	5	ND	4	13	.2	3	2	68	.18	.029	11	64	.64	116	.18	2	3.09	.01	.19	1	5
L100S 00	1	25	20	135	.2	12	13	1718	2.54	4	5	ND	4	7	.2	2	2	38	.07	.079	8	16	.18	94	.19	2	3.30	.02	.06	1	3
L100S 25E	1	18	21	64	.2	8	4	233	2.98	8	5	ND	4	5	.2	2	2	46	.05	.087	7	14	.12	39	.23	2	3.38	.02	.06	1	4
L100S 50E	1	21	18	76	.1	11	6	157	2.60	8	5	ND	5	6	.2	3	2	36	.06	.070	9	15	.21	68	.16	2	3.65	.02	.08	1	1
L100S 75E	1	16	17	72	.3	12	7	252	2.61	2	6	ND	5	7	.2	2	2	35	.07	.052	11	17	.22	64	.16	2	2.59	.01	.12	1	3
L100S 100E	1	22	23	80	.4	15	12	333	3.19	5	6	ND	5	15	.2	2	3	44	.17	.042	16	21	.35	73	.19	2	2.74	.02	.12	1	2
L100S 125E	1	33	21	123	.2	20	10	250	3.39	9	5	ND	4	11	.2	3	3	48	.14	.033	20	26	.65	79	.18	2	2.96	.01	.14	1	4
L100S 150E	1	28	15	80	.3	12	12	339	2.35	2	7	ND	5	7	.2	2	3	34	.08	.082	13	14	.20	82	.17	2	4.37	.02	.07	1	1
STANDARD C/AU-S	18	58	38	130	6.8	72	32	1047	3.97	39	18	7	40	56	19.7	13	21	57	.52	.095	39	58	.89	182	.09	36	1.89	.06	.13	9	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L100S 175E	1	23	16	102	.3	14	9	654	2.36	2	5	ND	5	8	.2	2	3	34	.15	.055	13	16	.28	79	.12	2	2.83	.01	.12	1	4
L100S 200E	1	22	18	112	.4	16	11	196	3.10	3	8	ND	7	10	.3	2	2	39	.17	.093	18	17	.27	76	.14	2	4.08	.01	.15	1	2
L100S 225E	1	15	18	84	.3	15	7	200	2.93	2	8	ND	9	6	.3	2	2	30	.08	.080	36	19	.39	60	.14	2	2.11	.01	.31	1	3
L100S 250E	1	13	18	57	.4	7	3	98	2.23	5	5	ND	5	6	.2	2	2	31	.07	.039	16	14	.16	63	.13	2	2.17	.01	.10	1	4
L200S 500W	1	19	34	180	.1	33	31	306	3.21	5	5	ND	7	27	.2	2	2	35	.20	.101	22	14	.22	110	.22	2	2.73	.02	.14	1	3
L200S 475W	1	36	44	149	.1	43	18	226	3.76	2	5	ND	13	14	.2	2	2	32	.09	.043	44	19	.48	120	.21	2	3.09	.01	.30	1	4
L200S 450W	1	19	24	99	.1	18	8	188	3.30	9	5	ND	9	9	.2	2	2	28	.07	.031	22	18	.53	108	.18	2	2.52	.01	.33	1	2
L200S 425W	1	14	19	52	.4	9	3	69	1.93	2	6	ND	5	5	.2	2	3	29	.04	.053	9	11	.09	33	.15	2	1.97	.01	.07	1	3
L200S 400W	1	12	28	82	.3	9	4	133	2.65	2	7	ND	4	9	.2	2	2	46	.08	.075	8	11	.10	40	.23	2	1.48	.01	.08	1	1
L200S 375W	1	17	21	102	.4	19	10	207	2.83	2	5	ND	8	6	.2	2	2	31	.08	.030	19	16	.34	115	.18	2	2.66	.01	.27	1	4
L200S 350W	1	11	22	95	.3	12	6	306	2.81	3	5	ND	7	10	.2	2	2	37	.08	.041	13	13	.21	83	.19	2	2.28	.01	.15	1	2
L200S 325W	1	13	20	84	.2	10	6	313	2.81	8	5	ND	4	8	.2	2	2	39	.08	.041	11	12	.14	67	.16	2	2.46	.01	.10	1	1
L200S 300W	1	23	19	125	.5	15	22	472	2.99	2	5	ND	7	9	.4	2	2	34	.07	.136	26	12	.17	60	.22	2	5.63	.02	.08	1	1
L200S 275W	1	11	30	66	.3	10	5	211	2.55	2	5	ND	6	7	.2	2	2	44	.07	.040	16	11	.12	55	.19	2	2.06	.01	.08	1	1
L200S 250W	1	16	28	120	.3	17	9	343	3.10	2	5	ND	7	10	.2	2	2	41	.10	.062	12	16	.24	80	.19	2	3.50	.02	.12	1	1
L200S 225W	1	17	22	125	.3	15	11	710	3.15	10	5	ND	5	13	.5	2	2	37	.18	.075	10	13	.20	67	.19	2	3.46	.02	.10	1	3
L200S 200W	1	26	16	119	.2	19	9	210	2.96	5	5	ND	6	7	.2	2	2	35	.08	.048	12	17	.37	85	.16	2	3.01	.01	.18	1	3
L200S 175W	1	22	21	112	.3	13	7	413	2.98	5	5	ND	5	8	.2	2	2	40	.07	.051	10	15	.19	109	.16	2	3.08	.01	.11	1	3
L200S 150W	1	19	33	108	.2	16	18	368	2.91	5	5	ND	6	10	.2	2	2	41	.08	.034	15	14	.22	72	.16	2	1.88	.01	.12	1	3
L200S 125W	1	17	32	116	.1	15	10	404	2.50	8	5	ND	6	12	.2	2	2	35	.15	.052	11	14	.24	66	.16	2	1.68	.01	.14	1	1
L200S 100W	1	18	18	153	.4	17	14	379	2.91	2	6	ND	8	9	.2	2	2	37	.09	.056	13	16	.19	94	.18	2	3.90	.02	.11	1	4
L200S 75W	1	20	15	142	.3	18	13	372	2.84	3	5	ND	6	9	.3	2	2	35	.08	.075	9	14	.23	81	.19	3	4.73	.02	.10	1	5
L200S 50W	1	20	20	153	.3	17	17	377	2.99	6	5	ND	4	9	.4	2	2	39	.08	.050	16	17	.23	78	.17	2	3.51	.02	.08	1	4
L200S 25W	1	31	19	128	.3	20	16	554	2.82	6	5	ND	7	11	.3	2	2	35	.12	.073	11	17	.28	82	.18	2	4.71	.02	.12	1	2
L200S 00W	1	15	19	135	.2	18	16	665	2.95	6	5	ND	6	13	.2	2	2	37	.16	.057	10	17	.31	92	.17	2	3.13	.02	.14	1	1
L200S 25E	1	18	21	127	.3	14	8	449	3.27	2	5	ND	6	8	.2	2	2	44	.09	.049	11	17	.27	96	.19	2	2.77	.02	.10	1	4
L200S 50E	1	13	17	72	.1	13	5	277	3.11	8	5	ND	7	7	.2	2	2	36	.08	.029	13	17	.39	55	.16	2	1.61	.01	.20	1	4
L200S 75E	1	15	21	97	.3	13	8	199	2.81	3	5	ND	7	8	.3	2	2	38	.09	.036	13	17	.34	77	.13	2	2.44	.01	.12	1	1
L200S 100E	1	27	25	138	.3	25	26	717	3.14	9	5	ND	5	18	.4	2	2	37	.15	.072	42	21	.44	85	.18	2	2.64	.02	.17	1	3
L200S 125E	1	34	22	120	.4	23	15	475	3.43	8	5	ND	5	17	.5	2	2	45	.12	.069	38	21	.37	82	.20	2	3.33	.02	.14	1	13
L200S 150E	1	27	18	119	.1	18	12	359	2.63	2	5	ND	4	10	.4	2	2	34	.11	.050	24	19	.44	76	.12	2	2.44	.01	.17	1	4
L200S 175E	1	19	16	107	.1	13	8	335	2.94	8	5	ND	6	11	.3	2	2	32	.14	.117	21	15	.29	110	.14	2	2.39	.01	.22	1	2
L200S 200E	1	16	31	99	.4	14	8	289	4.33	10	5	ND	10	12	.4	2	2	43	.12	.296	37	17	.24	102	.23	3	3.27	.01	.16	1	4
L200S 225E	1	25	19	88	.5	16	8	242	2.55	2	5	ND	7	7	.3	2	2	30	.09	.062	21	18	.41	65	.14	2	2.29	.01	.27	1	3
L200S 250E	1	18	19	71	.2	11	8	284	2.75	2	5	ND	5	5	.2	2	2	42	.06	.070	8	16	.20	63	.17	2	3.25	.01	.08	1	1
STANDARD C/AU-S	19	61	36	130	7.1	72	31	1046	3.93	42	20	7	40	55	19.9	12	20	58	.51	.096	39	59	.89	182	.09	35	1.89	.06	.14	9	50

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

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD CK

Bapty Research Limited File # 90-3798 Page 1
901 Industrial Road #2, Cranbrook BC V1C 4C9

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
L3900N 1600W	1	8	2	59	.1	11	5	390	1.51	3	5	ND	3	15	.2	4	2	16	.20	.034	11	9	.44	242	.07	2	1.53	.02	.09	1	4
L3900N 1500W	1	9	9	31	.2	12	5	166	1.67	3	5	ND	6	8	.2	3	2	14	.16	.018	19	11	.54	98	.04	2	1.03	.01	.10	1	3
L3900N 1400W	1	7	10	34	.1	10	4	133	1.37	2	5	ND	4	10	.4	2	2	14	.13	.025	14	8	.42	153	.05	2	1.20	.01	.08	1	5
L3900N 1300W	1	17	6	37	.1	13	7	248	1.67	2	5	ND	4	19	.2	2	2	18	.24	.077	12	9	.37	498	.09	2	2.28	.03	.11	1	4
L3900N 1200W	1	24	6	28	.1	13	7	160	2.24	3	5	ND	5	16	.2	2	2	17	.34	.026	13	9	.43	462	.09	4	2.10	.02	.09	1	5
L3900N 1100W	1	12	9	20	.2	11	4	153	1.54	2	5	ND	4	23	.2	3	2	20	.25	.056	6	8	.24	284	.15	2	3.27	.04	.10	1	3
L3900N 1000W	1	19	9	29	.2	11	9	324	2.88	2	5	ND	7	12	.2	2	3	15	.46	.015	14	11	.64	336	.09	6	2.27	.01	.24	1	3
L3900N 900W	1	9	6	70	.2	12	5	291	1.66	2	5	ND	4	15	.2	2	2	14	.35	.036	13	9	.40	448	.06	6	1.77	.02	.11	1	3
L3900N 800W	1	17	11	62	.2	14	7	215	1.80	2	5	ND	6	17	.3	2	2	20	.20	.131	11	11	.35	430	.10	2	2.48	.02	.08	1	4
L3900N 700W	1	9	9	54	.2	13	5	231	1.40	2	5	ND	4	20	.2	2	2	15	.20	.094	11	9	.36	254	.08	4	1.94	.02	.10	1	2
L3900N 600W	1	10	7	51	.1	13	5	273	1.54	2	5	ND	4	18	.4	3	2	15	.23	.046	10	8	.38	292	.09	3	2.20	.02	.10	1	2
L3900N 500W	1	5	4	51	.1	9	4	255	1.12	2	5	ND	3	16	.2	2	2	11	.16	.059	8	7	.29	246	.06	2	1.56	.02	.09	1	3
L3900N 400W	1	11	6	54	.2	10	4	302	1.14	3	5	ND	3	18	.3	3	2	14	.14	.172	7	7	.21	192	.09	2	1.94	.03	.08	1	1
L3900N 300W	1	13	11	48	.1	15	7	223	2.18	5	5	ND	5	13	.2	2	4	22	.14	.116	13	13	.54	250	.10	4	2.61	.02	.06	1	1
L3800N 1400W	1	7	4	56	.1	10	5	414	1.53	3	5	ND	3	9	.2	2	2	16	.12	.057	11	9	.44	233	.06	2	1.60	.01	.08	1	4
L3800N 1300W	1	6	4	27	.1	8	4	259	1.52	2	5	ND	5	8	.2	2	2	12	.15	.016	13	8	.33	240	.06	3	1.25	.01	.11	1	1
L3800N 1200W	1	11	5	40	.1	14	5	438	1.52	3	5	ND	4	17	.4	2	2	14	.19	.051	7	10	.33	378	.08	3	2.11	.02	.09	1	1
L3800N 1100W	1	6	6	32	.1	7	4	314	1.20	2	5	ND	3	11	.2	2	2	12	.20	.018	10	7	.32	211	.06	3	1.26	.01	.11	1	2
L3800N 1000W	1	36	8	29	.1	13	8	256	2.42	3	5	ND	5	10	.2	2	2	13	.36	.012	14	9	.53	234	.08	5	1.81	.01	.21	1	4
L3800N 900W	1	12	7	44	.1	11	5	540	1.55	3	5	ND	4	15	.2	2	2	17	.19	.087	10	9	.36	392	.09	2	2.12	.02	.12	1	2
L3800N 800W	1	9	10	45	.1	15	6	260	1.76	4	5	ND	4	16	.2	2	2	19	.17	.103	9	10	.37	475	.10	3	2.51	.02	.09	1	5
L3800N 700W	1	8	7	51	.2	12	6	285	1.59	5	5	ND	5	15	.3	2	2	15	.22	.144	13	10	.41	410	.06	4	2.16	.02	.10	1	3
L3800N 600W	1	9	8	76	.1	14	6	317	1.78	6	5	ND	5	17	.2	3	2	16	.19	.297	9	11	.38	869	.09	3	2.31	.01	.11	1	1
L3800N 500W	1	3	4	32	.1	6	3	207	.98	2	5	ND	4	7	.2	2	3	9	.11	.022	13	7	.35	174	.04	2	.92	.01	.07	1	5
L3800N 400W	1	2	5	26	.1	5	2	208	.85	2	5	ND	3	9	.2	2	2	8	.10	.020	9	5	.27	94	.04	2	.91	.01	.08	1	3
L3800N 300W	1	4	4	21	.1	8	4	298	1.23	2	5	ND	4	5	.2	2	2	9	.08	.028	17	9	.53	75	.02	2	.81	.01	.09	1	5
L3800N 200W	1	7	10	42	.1	11	5	337	1.42	2	5	ND	3	12	.2	2	2	12	.18	.057	15	9	.47	323	.04	2	1.57	.01	.10	1	1
L3700N 1500W	1	5	6	38	.1	10	4	219	1.28	2	5	ND	3	10	.2	2	2	13	.10	.034	10	8	.37	215	.05	2	1.42	.01	.08	1	5
L3700N 1400W	1	4	4	30	.1	7	3	319	1.09	2	5	ND	2	8	.2	2	2	12	.10	.026	10	7	.32	186	.05	2	.91	.01	.06	1	4
L3700N 1300W	1	7	8	47	.1	11	7	597	2.00	3	5	ND	4	12	.2	2	3	16	.26	.070	11	9	.37	624	.05	2	1.71	.01	.11	1	5
L3700N 1200W	1	9	6	33	.1	12	5	362	1.71	2	5	ND	5	15	.2	2	2	16	.26	.027	11	9	.41	415	.08	2	2.11	.02	.10	1	2
L3700N 1100W	1	17	8	38	.1	13	5	261	1.57	3	5	ND	3	23	.2	2	2	17	.28	.181	12	9	.34	304	.10	2	2.39	.03	.11	1	2
L3700N 1000W	1	6	5	22	.1	9	4	173	1.29	3	5	ND	4	8	.2	2	2	12	.13	.021	15	8	.42	122	.05	2	1.16	.01	.08	1	1
L3700N 1000WA	1	4	3	22	.1	7	3	181	1.09	2	5	ND	3	7	.3	2	2	10	.19	.012	17	6	.38	142	.04	2	.86	.01	.08	1	1
L3700N 900W	1	15	11	51	.1	14	7	232	1.89	5	5	ND	5	18	.3	2	2	20	.26	.088	13	11	.45	371	.10	3	2.77	.02	.11	1	1
L3700N 800W	1	9	5	40	.2	11	5	291	1.62	5	5	ND	6	10	.2	3	2	16	.17	.032	14	9	.46	221	.07	2	1.79	.01	.07	1	1
STANDARD C/AU-S	19	58	39	131	6.9	72	31	1044	3.95	39	21	7	40	55	19.4	10	19	56	.51	.091	37	57	.90	182	.09	36	1.88	.06	.13	10	51

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: SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 23 1990 DATE REPORT MAILED: Aug 30/90. SIGNED BY C. Leong .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
L3700N 700W	1	11	4	59	.2	12	6	244	1.69	2	5	ND	4	13	.2	2	2	17	.21	.048	10	11	.40	551	.08	3	2.44	.02	.08	1	3
L3700N 600W	1	3	5	38	.3	9	4	201	1.17	3	5	ND	4	7	.2	2	3	11	.11	.029	16	9	.44	206	.03	2	.94	.01	.06	1	3
L3700N 500W	1	7	5	48	.2	11	5	165	1.56	2	5	ND	5	24	.2	2	2	14	.38	.188	8	10	.36	552	.08	4	2.12	.02	.09	1	3
L3700N 400W	1	5	5	31	.2	9	4	123	1.35	2	5	ND	5	11	.2	2	2	12	.19	.024	12	8	.41	142	.06	2	1.34	.01	.10	1	1
L3700N 300W	1	9	2	21	.3	5	4	261	.56	4	5	ND	1	236	.2	2	2	6	12.61	.043	3	4	1.37	818	.02	4	.71	.02	.10	1	1
L3700N 200W	1	5	4	34	.2	7	3	151	1.19	2	5	ND	3	12	.2	2	2	12	.38	.020	14	8	.41	136	.06	2	1.26	.01	.06	1	1
L3600N 1600W	1	10	3	44	.2	11	5	243	1.65	5	5	ND	5	14	.2	2	2	14	.21	.039	12	9	.37	293	.07	4	1.63	.01	.10	1	1
L3600N 1500W	1	9	6	34	.1	11	5	204	1.69	5	5	ND	3	11	.2	2	2	17	.17	.034	11	9	.39	301	.07	3	1.82	.02	.07	1	1
L3600N 1400W	1	15	7	35	.1	15	7	206	2.31	2	5	ND	5	19	.2	2	3	17	.31	.045	13	11	.44	377	.11	6	2.70	.03	.18	1	1
L3600N 1300W	1	9	5	41	.1	9	4	284	1.23	2	5	ND	2	19	.2	2	2	13	.37	.095	5	7	.24	375	.09	4	1.72	.03	.10	1	1
L3600N 1200W	1	9	11	34	.2	14	6	164	1.88	2	5	ND	5	14	.2	2	2	18	.22	.030	13	11	.46	361	.08	2	2.28	.01	.08	1	2
L3600N 1100W	1	6	9	42	.1	12	5	188	1.62	2	5	ND	5	14	.2	2	2	14	.21	.168	12	10	.40	487	.07	3	1.92	.01	.10	1	1
L3600N 1000W	1	10	9	42	.2	13	5	261	1.75	2	5	ND	5	20	.2	2	2	16	.25	.087	14	11	.43	319	.09	4	2.45	.02	.12	1	1
L3600N 900W	1	9	9	42	.2	12	5	348	1.63	2	5	ND	5	14	.2	2	2	15	.29	.026	14	9	.43	324	.08	4	1.86	.01	.13	1	3
L3600N 800W	1	9	3	34	.1	9	5	339	1.48	6	5	ND	5	12	.2	2	2	13	.24	.022	16	9	.44	222	.06	6	1.58	.01	.13	1	1
L3600N 700W	1	6	4	22	.1	7	3	212	1.09	2	5	ND	4	8	.2	2	2	9	.15	.020	14	7	.38	176	.05	4	1.07	.01	.09	1	3
L3600N 600W	1	10	9	50	.2	11	5	639	1.45	3	5	ND	5	16	.2	2	4	15	.28	.034	9	9	.36	387	.10	4	2.13	.02	.12	1	1
L3600N 500W	1	9	7	38	.1	12	5	248	1.59	3	5	ND	4	19	.2	2	2	15	.24	.048	11	9	.43	340	.10	4	2.44	.02	.12	1	1
L3600N 400W	1	4	6	34	.1	10	4	114	1.42	2	5	ND	5	8	.2	2	2	13	.15	.019	16	9	.50	226	.05	2	1.31	.01	.07	1	1
L3600N 300W	1	7	11	47	.1	12	5	297	1.64	5	5	ND	4	10	.2	2	2	16	.14	.028	15	11	.50	218	.07	3	1.74	.01	.07	1	2
L3600N 200W	1	7	6	33	.1	9	3	194	1.25	3	5	ND	4	9	.2	2	2	13	.15	.017	12	10	.37	124	.06	2	1.32	.01	.08	1	4
L3500N 1600W	1	13	8	23	.1	11	5	113	1.49	3	5	ND	7	7	.2	2	2	11	.15	.030	22	9	.51	120	.03	4	1.14	.01	.14	1	2
L3500N 1500W	1	8	5	33	.1	10	5	168	1.41	3	5	ND	3	10	.2	2	2	15	.16	.032	9	9	.35	272	.07	2	1.59	.02	.09	1	4
L3500N 1400W	1	14	9	46	.1	12	5	461	1.59	5	5	ND	3	24	.2	2	2	20	.32	.089	7	10	.28	462	.14	3	2.88	.04	.08	1	1
L3500N 1300W	1	10	7	36	.1	11	5	277	1.41	2	5	ND	3	22	.2	2	2	16	.26	.054	7	8	.26	431	.11	5	2.26	.03	.08	1	1
L3500N 1200W	1	11	10	45	.1	13	6	483	1.63	3	5	ND	5	17	.2	2	3	17	.31	.089	11	11	.40	586	.09	4	2.35	.02	.12	1	3
L3500N 1100W	1	7	5	31	.1	10	4	134	1.31	3	5	ND	5	8	.2	2	2	12	.14	.027	18	9	.45	242	.03	2	1.13	.01	.08	1	1
L3500N 1000WA	1	14	8	28	.1	10	5	168	1.61	2	5	ND	4	13	.2	2	2	14	.19	.022	13	9	.41	403	.06	3	1.85	.02	.10	1	2
L3500N 1000WB	1	11	7	62	.1	11	5	637	1.43	4	5	ND	4	18	.2	2	2	13	.30	.064	11	8	.39	365	.07	6	1.66	.01	.11	1	1
L3500N 900W	1	13	9	43	.1	13	5	322	1.59	4	5	ND	5	17	.2	2	2	15	.23	.083	14	10	.42	321	.07	3	1.87	.02	.14	1	3
L3500N 800W	1	9	8	74	.1	8	4	795	1.21	2	5	ND	3	20	.2	2	2	14	.37	.041	7	7	.29	427	.07	4	1.55	.02	.13	1	1
L3500N 700W	1	6	6	35	.1	9	3	112	1.11	2	5	ND	3	12	.2	2	2	10	.14	.030	13	7	.41	135	.05	3	1.25	.01	.11	1	2
L3500N 600W	1	6	7	33	.1	9	4	210	1.37	3	5	ND	5	11	.2	2	2	12	.19	.020	17	10	.46	111	.06	4	1.35	.01	.12	1	2
L3500N 500W	1	5	5	31	.1	7	3	241	1.22	2	5	ND	4	13	.2	2	2	11	.16	.021	11	7	.36	116	.06	4	1.26	.01	.11	1	2
L3500N 400W	1	7	6	39	.1	10	4	172	1.40	2	5	ND	3	11	.2	2	2	13	.13	.027	13	9	.43	163	.06	4	1.43	.01	.08	1	5
L3500N 300W	1	10	10	36	.1	12	4	199	1.48	5	5	ND	4	15	.2	2	2	15	.13	.185	10	9	.34	229	.09	2	2.18	.02	.08	1	3
STANDARD C/AU-S	18	57	36	131	6.6	70	32	1042	3.94	39	19	7	39	53	18.7	12	16	59	.50	.090	38	57	.90	180	.09	35	1.85	.06	.13	8	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L3500N 200W	1	7	8	51	.1	9	4	232	1.32	2	5	ND	4	10	.2	2	2	13	.14	.034	14	9	.42	176	.06	2	1.50	.01	.08	1	3
L3400N 1600W	1	9	4	25	.1	7	3	124	1.03	2	5	ND	7	7	.2	2	4	9	.11	.019	20	7	.36	119	.03	2	.82	.01	.09	1	3
L3400N 1500W	1	10	8	31	.1	11	5	165	1.74	5	5	ND	3	16	.2	2	2	18	.22	.032	7	10	.37	435	.09	4	2.24	.03	.12	1	3
L3400N 1400W	1	6	4	38	.1	7	3	527	1.47	2	5	ND	3	18	.3	2	3	12	.42	.040	5	9	.30	321	.08	8	1.63	.02	.17	1	2
L3400N 1300W	1	67	10	39	.3	17	19	667	2.14	3	5	ND	6	22	.2	2	2	14	.94	.169	13	11	.44	1283	.04	11	1.31	.01	.26	1	1
L3400N 1200W	1	13	9	49	.1	13	5	514	1.49	2	5	ND	4	18	.2	2	3	16	.29	.163	11	10	.37	506	.08	2	2.03	.02	.09	1	2
L3400N 1100W	1	12	8	54	.1	9	5	1100	1.31	4	5	ND	2	15	.4	2	2	15	.30	.074	11	10	.35	509	.06	2	1.61	.01	.10	1	2
L3400N 1000W	1	8	8	42	.1	9	4	291	1.20	3	5	ND	3	18	.3	2	2	13	.23	.123	9	9	.32	503	.06	2	1.62	.01	.08	1	2
L3400N 900W	1	8	3	36	.1	11	4	331	1.44	2	5	ND	3	19	.3	2	2	15	.29	.030	8	8	.34	334	.09	3	2.03	.02	.12	1	1
L3400N 800W	1	10	6	41	.2	14	4	274	1.39	2	5	ND	4	32	.2	2	2	14	.30	.296	10	10	.40	379	.08	2	2.10	.02	.13	1	2
L3400N 700W	1	6	4	55	.1	10	3	122	1.27	2	5	ND	4	21	.2	2	2	12	.23	.088	11	10	.38	250	.06	2	1.57	.01	.10	1	1
L3400N 600W	1	11	8	48	.2	12	4	237	1.42	5	5	ND	4	15	.3	2	2	14	.15	.075	13	9	.40	251	.06	2	1.72	.02	.09	1	1
L3400N 500W	1	13	9	40	.2	13	5	101	1.57	5	5	ND	5	17	.3	2	2	16	.13	.095	13	9	.38	248	.09	2	2.32	.02	.08	1	1
L3400N 400W	1	7	7	43	.2	12	4	202	1.48	2	6	ND	4	18	.5	2	2	14	.25	.125	8	9	.33	256	.08	2	2.11	.02	.08	1	1
L3400N 300W	1	7	8	58	.1	15	5	149	1.62	3	5	ND	3	18	.2	2	2	14	.14	.153	10	10	.39	444	.08	2	2.50	.02	.10	1	5
L3400N 200W	1	9	9	34	.2	13	5	105	1.68	5	5	ND	4	17	.2	2	2	17	.15	.036	12	10	.44	245	.09	2	2.12	.02	.07	1	2
L3300N 1700W	1	6	6	23	.1	7	3	155	1.11	2	5	ND	5	8	.2	2	2	9	.11	.020	16	8	.38	174	.04	2	.96	.01	.12	1	2
L3300N 1600W	1	4	6	14	.2	12	5	115	1.37	2	5	ND	8	7	.2	2	2	7	.33	.015	22	13	.85	313	.02	2	1.29	.01	.10	1	2
L3300N 1500W	1	16	5	31	.1	12	4	459	1.39	3	5	ND	3	22	.2	2	2	15	.26	.077	10	9	.31	422	.09	2	1.93	.03	.12	1	1
L3300N 1400W	1	17	10	44	.3	11	8	1019	1.82	3	5	ND	5	29	.3	2	2	16	.60	.167	13	10	.44	1465	.07	4	1.81	.01	.15	1	1
L3300N 1300W	1	11	8	25	.1	9	4	600	1.32	2	5	ND	5	11	.2	2	2	13	.21	.024	17	8	.40	235	.05	2	1.12	.01	.10	1	1
L3300N 1200W	1	7	5	32	.1	7	3	670	.97	4	5	ND	4	14	.2	2	2	11	.28	.027	11	6	.30	241	.05	3	1.10	.01	.12	1	1
L3300N 1100W	1	10	7	69	.2	12	5	313	1.51	3	5	ND	5	14	.3	2	2	15	.17	.160	10	11	.39	539	.07	2	2.03	.02	.10	1	2
L3300N 1000W	1	13	9	81	.1	10	5	1146	1.18	4	5	ND	2	20	.2	2	2	13	.25	.167	6	7	.28	704	.07	2	1.68	.02	.10	1	1
L3300N 900W	1	9	11	44	.2	13	4	322	1.42	2	5	ND	3	20	.3	2	2	14	.23	.128	8	9	.34	391	.09	2	2.09	.02	.11	1	1
L3300N 800W	1	9	8	26	.1	10	5	172	1.47	2	5	ND	3	13	.2	2	2	13	.20	.022	11	8	.40	205	.07	2	1.62	.02	.11	1	1
L3300N 700W	1	6	8	37	.1	11	4	298	1.01	2	5	ND	3	18	.3	2	3	11	.18	.032	8	7	.22	258	.06	2	1.42	.02	.10	1	2
L3300N 600W	1	4	5	21	.1	7	3	67	1.16	2	5	ND	3	9	.2	2	2	10	.12	.016	16	8	.42	81	.05	2	1.18	.01	.09	1	1
L3300N 500W	1	3	5	19	.1	5	2	183	.79	2	5	ND	3	7	.2	2	2	7	.09	.013	18	6	.33	72	.03	2	.58	.01	.07	1	1
L3300N 400W	1	3	6	18	.1	8	3	60	1.02	2	5	ND	3	7	.2	2	2	9	.08	.016	17	7	.40	102	.04	2	1.01	.01	.06	1	2
L3300N 300W	1	8	8	50	.1	12	4	235	1.60	3	5	ND	3	11	.2	2	2	15	.16	.034	18	11	.50	197	.07	2	1.65	.01	.09	1	1
L3300N 200W	1	6	3	58	.2	11	4	312	1.48	2	5	ND	5	10	.2	2	2	10	.30	.026	16	13	.48	213	.04	2	1.27	.01	.12	1	1
L3300N 100W	1	5	5	43	.1	8	3	343	1.18	4	5	ND	1	13	.2	2	2	11	.15	.034	9	8	.35	169	.06	2	1.35	.02	.09	1	1
STANDARD C/AU-S	19	59	39	131	7.3	73	31	1044	3.95	40	20	7	40	57	19.0	10	20	58	.51	.094	40	58	.89	183	.09	35	1.89	.06	.11	9	47

AC ANALY AL LABORATORIES LTD. 852 E. HASTINGS ST. VA UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD CK

Bapty Research Limited File # 90-3765 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
L2600N 3500W	1	6	7	42	.2	8	3	279	1.19	2	6	ND	5	17	.2	2	2	12	.16	.025	10	8	.31	153	.06	7	1.32	.02	.11	1	2
L2600N 3400W	1	5	9	34	.1	10	4	96	1.45	2	6	ND	6	12	.2	2	2	13	.15	.042	16	10	.39	161	.06	5	1.48	.01	.11	1	4
L2600N 3300W	1	5	10	31	.1	7	3	225	1.14	3	5	ND	4	12	.2	2	2	10	.16	.023	15	7	.32	154	.05	5	1.10	.01	.09	1	2
L2600N 3200W	1	6	7	48	.1	9	3	266	1.23	2	5	ND	3	15	.3	2	2	13	.16	.041	8	8	.30	224	.06	4	1.48	.02	.07	1	1
L2600N 3100W	1	3	2	63	.2	7	3	308	1.15	2	5	ND	4	11	.2	2	2	11	.14	.028	11	7	.31	183	.05	5	1.07	.01	.09	1	1
L2600N 3000W	1	5	5	34	.2	8	3	185	1.27	2	5	ND	5	9	.2	2	2	10	.17	.022	18	8	.42	115	.04	5	.95	.01	.10	1	1
L2600N 2900W	1	4	7	34	.2	9	3	146	1.33	2	5	ND	4	10	.3	2	2	12	.17	.015	16	9	.39	116	.05	6	1.18	.01	.13	1	1
L2600N 2800W	1	3	4	28	.2	6	3	202	1.08	2	6	ND	4	9	.2	2	4	9	.12	.021	14	7	.32	120	.04	3	.93	.01	.10	1	2
L2600N 2700W	1	4	7	27	.1	7	3	213	1.06	3	5	ND	3	7	.2	2	2	9	.11	.029	13	7	.35	130	.04	4	.89	.01	.09	1	1
L2600N 2600W	1	4	6	35	.1	8	4	235	1.20	3	5	ND	4	10	.2	2	3	11	.26	.030	15	8	.37	126	.05	7	1.04	.01	.12	1	2
L2600N 2500W	1	6	11	35	.2	9	4	309	1.33	3	5	ND	3	11	.2	2	2	12	.24	.024	14	9	.40	140	.05	7	1.03	.01	.15	1	4
L2600N 2400W	1	8	7	36	.2	10	5	173	1.57	2	5	ND	6	13	.2	2	2	12	.30	.029	15	10	.47	141	.05	7	1.36	.01	.16	1	1
L2600N 2300W	1	8	6	25	.1	9	4	226	1.30	2	5	ND	4	11	.2	2	2	12	.21	.031	12	10	.42	116	.05	6	1.15	.01	.15	1	2
L2600N 2200W	1	4	4	26	.1	7	3	247	1.09	2	5	ND	2	10	.2	2	2	10	.14	.025	10	7	.32	171	.05	4	1.04	.01	.10	1	2
L2600N 2100W	1	4	7	33	.1	7	3	266	1.01	3	5	ND	3	9	.3	2	2	11	.15	.029	7	6	.29	172	.05	4	.91	.01	.10	2	1
L2600N 2000W	1	6	6	34	.1	10	5	342	1.32	4	5	ND	4	10	.3	2	2	13	.17	.039	11	8	.30	269	.07	4	1.46	.01	.09	1	5
L2600N 2000W A	1	5	2	16	.1	9	4	128	1.27	4	5	ND	5	6	.2	2	2	9	.12	.019	16	8	.40	119	.03	5	.85	.01	.08	1	2
L2600N 1900W	1	6	5	23	.1	10	4	185	1.41	2	5	ND	4	7	.2	2	2	12	.11	.033	13	8	.43	124	.05	5	1.13	.01	.09	1	2
L2600N 1800W	1	7	5	33	.2	11	5	251	1.47	4	5	ND	5	10	.4	2	2	13	.15	.033	18	11	.50	153	.05	6	1.27	.01	.12	1	1
L2600N 1700W	1	3	5	26	.2	7	3	162	1.08	2	5	ND	5	8	.2	2	2	10	.12	.011	16	7	.35	125	.04	4	.90	.01	.10	1	1
L2600N 1600W	1	4	7	32	.1	9	3	166	1.26	2	5	ND	4	11	.2	2	2	12	.17	.022	11	8	.35	139	.06	5	1.26	.01	.11	1	2
L2600N 1500W	1	10	4	41	.2	12	4	247	1.42	3	5	ND	4	18	.4	2	2	13	.19	.100	8	9	.34	274	.08	7	2.14	.02	.13	1	2
L2600N 1400W	1	5	4	24	.1	9	3	87	1.23	2	5	ND	5	10	.2	2	2	11	.15	.019	14	9	.37	110	.05	4	1.13	.01	.11	1	2
L2600N 1300W	1	4	6	28	.2	8	3	202	1.13	2	5	ND	4	11	.4	2	2	10	.15	.019	13	8	.36	114	.05	5	1.03	.01	.13	1	2
L2600N 1200W	1	4	5	34	.2	7	3	267	1.09	2	5	ND	3	9	.2	2	2	10	.13	.018	12	8	.34	127	.05	6	.99	.01	.11	1	4
L2600N 1100W	1	5	7	27	.1	7	4	358	1.14	2	5	ND	4	8	.3	2	2	9	.19	.018	16	7	.43	101	.04	3	.86	.01	.11	1	1
L2600N 1000W	1	5	8	30	.1	9	4	142	1.37	2	5	ND	4	9	.3	2	2	11	.15	.020	18	10	.45	114	.05	3	1.14	.01	.14	1	1
L2600N 900W	1	4	5	37	.2	7	3	176	1.12	2	5	ND	4	8	.4	2	2	10	.17	.021	13	8	.37	109	.04	5	.91	.01	.13	1	3
L2600N 800W	1	5	5	33	.2	9	4	200	1.17	2	5	ND	2	12	.3	2	2	11	.15	.017	8	8	.28	172	.06	5	1.25	.01	.08	1	2
L2600N 700W	1	7	7	35	.2	8	4	237	1.34	2	5	ND	2	15	.4	2	2	11	.23	.020	7	8	.30	208	.07	6	1.57	.02	.11	1	2
L2600N 600W	1	41	4	22	.1	10	6	212	1.56	2	5	ND	5	9	.2	2	2	8	.33	.029	17	8	.46	131	.04	8	1.18	.01	.19	1	1
L2600N 500W	1	5	5	24	.1	8	3	134	1.14	3	5	ND	4	8	.2	2	4	9	.14	.013	16	9	.39	130	.04	5	.88	.01	.10	1	12
L2500N 1000W	1	4	3	23	.1	8	4	185	1.31	2	5	ND	3	7	.2	2	2	11	.13	.015	14	9	.42	91	.04	5	.89	.01	.13	1	2
L2500N 900W	1	14	9	29	.1	13	7	629	2.04	3	5	ND	4	11	.3	2	2	17	.26	.021	12	10	.46	295	.06	6	1.59	.01	.17	1	2
L2500N 800W	1	6	5	20	.2	8	5	257	1.45	2	5	ND	5	7	.3	2	3	13	.19	.012	12	8	.36	170	.04	4	1.04	.01	.08	1	2
L2500N 700W	1	6	6	23	.2	9	4	164	1.23	2	5	ND	5	8	.3	2	2	10	.13	.016	17	8	.43	96	.04	4	.99	.01	.13	1	3
STANDARD C/AU-S	18	60	38	131	7.0	73	31	1043	3.94	42	17	7	40	52	18.6	16	19	60	.51	.092	40	57	.92	183	.09	37	1.88	.06	.14	11	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 P5 SOIL P6 ROCK AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 23 1990 **DATE REPORT MAILED:** Aug 28/90. **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
L2500N 600W	1	4	4	29	.1	7	3	132	1.03	2	5	ND	4	10	.3	2	2	10	.17	.014	19	7	.36	123	.04	6	.95	.01	.12	1	1
L2500N 500W	1	3	2	27	.1	8	3	204	1.01	2	5	ND	3	13	.3	2	2	12	.12	.032	12	8	.33	165	.05	6	1.16	.02	.09	1	1
L2400N 3700W	1	4	6	23	.2	9	4	167	1.25	2	5	ND	4	10	.2	2	2	14	.17	.015	22	8	.38	122	.05	5	1.03	.02	.08	1	3
L2400N 3600W	1	5	5	29	.2	9	4	334	1.31	2	5	ND	4	14	.2	2	2	15	.22	.022	20	9	.37	166	.06	6	1.18	.02	.09	1	1
L2400N 3500W	1	7	6	34	.1	11	4	195	1.55	2	5	ND	5	16	.3	2	2	17	.22	.041	16	9	.36	186	.08	9	1.78	.02	.13	1	2
L2400N 3400W	1	7	8	36	.3	13	4	154	1.59	4	5	ND	5	20	.3	2	2	18	.21	.051	15	10	.37	230	.09	11	2.06	.03	.16	1	3
L2400N 3300W	1	5	2	36	.2	9	3	228	1.25	2	5	ND	5	13	.2	2	2	14	.20	.027	18	8	.33	179	.06	8	1.23	.02	.11	1	2
L2400N 3200W	1	4	6	31	.2	8	3	324	1.16	2	5	ND	4	11	.3	2	2	14	.12	.029	13	9	.31	160	.06	6	1.10	.02	.09	1	1
L2400N 3100W	1	18	9	31	.2	19	6	218	2.10	2	5	ND	7	12	.3	2	2	19	.31	.037	33	16	.56	138	.05	6	1.78	.01	.19	1	2
L2400N 3000W	1	7	5	23	.3	11	5	101	1.55	3	5	ND	7	9	.2	2	3	15	.17	.018	27	10	.47	104	.05	7	1.20	.01	.12	1	1
L2400N 2900W	1	7	5	40	.2	14	6	345	1.74	3	5	ND	5	17	.2	2	2	19	.30	.026	15	12	.42	234	.08	6	1.68	.02	.14	1	1
L2400N 2800W	1	9	10	50	.1	14	6	475	1.92	3	5	ND	5	18	.2	2	2	17	.34	.036	15	11	.48	335	.07	9	1.87	.02	.14	1	1
L2400N 2700W	1	5	5	30	.2	9	4	441	1.28	2	5	ND	4	12	.2	2	2	13	.21	.033	18	8	.37	203	.05	6	1.19	.01	.12	1	1
L2400N 2600W	1	7	5	28	.3	11	5	205	1.57	2	5	ND	5	13	.2	2	2	15	.25	.034	17	10	.47	180	.06	7	1.38	.02	.14	1	3
L2400N 2500W	1	6	6	29	.2	10	5	308	1.47	2	5	ND	5	11	.2	2	2	15	.18	.028	16	10	.45	175	.06	6	1.29	.01	.15	1	2
L2400N 2400W	1	8	4	38	.1	12	7	627	1.95	2	5	ND	4	16	.4	2	2	18	.33	.042	18	11	.62	326	.06	9	1.59	.02	.19	1	2
L2400N 2300W	1	6	3	20	.1	12	7	201	1.96	2	5	ND	6	9	.2	2	2	18	.20	.021	22	10	.59	149	.05	7	1.19	.01	.12	1	3
L2400N 2200W	1	8	2	21	.3	15	6	132	1.64	2	5	ND	8	9	.3	2	2	15	.19	.014	23	11	.51	198	.04	4	1.33	.01	.08	1	9
L2400N 2100W	1	7	2	42	.2	14	7	290	2.13	2	5	ND	6	21	.3	2	2	17	.37	.029	14	12	.49	483	.10	11	2.40	.02	.21	1	32
L2400N 2000W	1	16	8	33	.2	17	9	380	2.44	2	5	ND	7	15	.2	2	2	17	.50	.034	22	15	.72	339	.06	8	2.04	.01	.20	1	8
L2400N 2000W A	1	12	5	29	.1	16	8	422	2.05	3	5	ND	8	13	.4	2	2	17	.38	.033	20	14	.62	313	.05	7	1.66	.01	.19	1	5
L2400N 1900W	1	8	6	51	.1	11	5	432	1.49	4	5	ND	4	13	.4	2	2	14	.22	.033	18	10	.53	237	.05	6	1.21	.01	.12	1	2
L2400N 1800W	1	5	5	29	.2	10	4	199	1.52	3	5	ND	4	12	.5	2	2	15	.20	.023	16	11	.48	128	.06	10	1.28	.01	.16	1	2
L2400N 1700W	1	8	7	33	.2	12	5	222	1.66	3	5	ND	6	14	.2	2	2	16	.19	.024	18	11	.47	188	.08	7	1.77	.02	.16	1	8
L2400N 1600W	1	5	2	45	.2	8	3	208	1.14	4	5	ND	3	11	.2	2	2	13	.14	.025	13	8	.36	156	.06	5	1.20	.02	.12	1	1
L2400N 1500W	1	5	4	27	.1	11	4	112	1.42	5	5	ND	5	12	.4	2	2	14	.17	.024	18	9	.49	104	.06	8	1.26	.02	.13	1	1
L2400N 1400W	1	4	4	20	.1	9	4	80	1.23	2	5	ND	5	9	.3	2	2	12	.12	.023	19	9	.46	84	.05	6	1.01	.01	.12	1	5
L2400N 1300W	1	6	7	32	.1	10	4	157	1.47	3	5	ND	6	11	.2	2	2	14	.17	.028	21	10	.51	141	.06	7	1.29	.02	.15	1	3
L2400N 1200W	1	5	6	32	.1	11	4	225	1.52	2	5	ND	6	11	.2	2	2	13	.20	.027	19	11	.54	150	.05	9	1.26	.01	.18	1	1
L2400N 1100W	1	14	3	14	.1	11	8	251	2.20	3	5	ND	8	7	.3	2	2	14	.33	.026	23	11	.62	261	.04	6	1.32	.01	.15	1	6
L2400N 1000W	1	11	4	29	.1	12	7	507	2.28	2	5	ND	7	10	.4	3	2	17	.47	.033	19	13	.63	368	.05	8	1.44	.01	.19	1	5
L2400N 900W	1	8	3	24	.1	11	7	1278	2.51	3	5	ND	8	10	.2	2	2	19	.42	.032	17	12	.56	483	.05	8	1.43	.01	.21	1	3
L2400N 800W	1	10	4	29	.1	12	9	1029	2.67	3	5	ND	7	12	.2	4	4	20	.31	.024	15	12	.62	541	.05	7	1.52	.01	.21	1	3
L2400N 700W	1	7	3	22	.3	10	5	512	1.46	6	5	ND	6	10	.5	3	2	12	.28	.021	21	11	.51	269	.04	7	1.10	.01	.16	1	8
L2400N 600W	1	5	5	25	.1	8	5	480	1.33	2	5	ND	6	9	.2	2	2	11	.21	.031	22	8	.44	329	.04	7	1.06	.01	.16	1	4
L2400N 500W	1	9	11	56	.1	11	5	359	1.54	3	5	ND	3	13	.2	2	2	14	.11	.135	12	10	.42	269	.07	7	1.83	.02	.13	1	3
STANDARD C/AU-S	20	58	38	132	7.2	73	31	1044	3.95	38	21	6	40	53	18.9	18	22	55	.51	.094	38	59	.91	180	.09	35	1.88	.07	.13	12	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L2300N 3800W	1	10	5	34	.1	13	5	156	1.60	8	5	ND	4	14	.3	2	2	14	.14	.147	15	8	.28	249	.06	4	2.02	.02	.09	1	3
L2300N 3700W	1	3	7	25	.1	8	3	150	1.28	3	5	ND	3	8	.2	2	2	10	.11	.032	21	7	.26	143	.05	4	1.20	.01	.09	1	1
L2300N 3600W	1	4	7	28	.1	9	3	176	1.38	2	5	ND	3	10	.4	2	5	12	.16	.019	15	8	.29	130	.06	5	1.37	.02	.10	1	1
L2300N 3500W	1	3	6	33	.1	8	4	130	1.43	3	5	ND	3	10	.3	2	2	11	.14	.033	15	7	.29	119	.05	4	1.44	.01	.10	1	36
L2300N 3400W	1	7	10	30	.1	12	6	290	1.82	2	5	ND	5	8	.3	2	2	14	.23	.021	23	10	.38	134	.05	5	1.48	.01	.13	1	10
L2300N 3300W	1	9	6	37	.1	13	6	219	1.75	3	5	ND	4	13	.2	2	2	13	.27	.027	14	10	.32	172	.06	4	1.72	.01	.14	1	5
L2300N 3200W	1	5	9	32	.1	9	4	478	1.47	2	5	ND	3	11	.4	2	2	11	.25	.019	13	8	.28	156	.05	6	1.38	.01	.14	1	3
L2300N 3100W	1	6	6	20	.1	9	4	224	1.73	5	5	ND	5	9	.2	2	2	11	.29	.015	16	8	.35	129	.04	3	1.36	.01	.12	1	4
L2300N 3000W	1	6	7	39	.1	9	5	406	1.54	3	5	ND	3	10	.4	2	2	13	.20	.021	13	9	.32	165	.05	4	1.32	.01	.11	1	3
L2300N 2900W	1	5	3	28	.1	10	5	218	1.59	2	5	ND	4	9	.3	2	4	11	.18	.017	18	9	.37	144	.04	7	1.28	.01	.15	1	1
L2300N 2800W	1	5	6	30	.1	8	4	387	1.37	3	5	ND	2	10	.2	2	2	12	.17	.020	12	7	.28	165	.05	2	1.39	.01	.09	1	3
L2300N 2700W	1	4	2	23	.2	6	4	575	1.37	2	5	ND	3	11	.2	2	2	10	.45	.022	14	7	.33	233	.04	4	1.04	.01	.10	1	3
L2300N 2600W	1	7	7	39	.1	9	4	413	1.36	3	5	ND	3	13	.3	2	3	12	.19	.050	10	7	.26	265	.06	7	1.55	.02	.12	2	4
L2300N 2500W	1	4	4	27	.1	9	5	303	1.52	3	5	ND	4	7	.3	2	3	11	.13	.023	16	8	.34	169	.04	4	1.08	.01	.10	1	4
L2300N 2400W	1	5	5	36	.1	9	5	281	1.49	2	5	ND	3	12	.2	2	3	12	.18	.035	12	8	.31	246	.05	7	1.36	.02	.12	1	2
L2300N 2300W	1	6	5	29	.1	10	5	205	1.45	2	5	ND	2	15	.3	2	4	11	.19	.023	10	8	.27	235	.07	3	1.88	.02	.09	1	5
L2300N 2200W	1	6	4	32	.1	12	5	255	1.62	2	5	ND	2	14	.2	2	2	14	.21	.054	10	9	.30	404	.05	4	1.69	.02	.09	1	3
L2300N 2100W	1	10	5	27	.1	10	4	142	1.34	2	5	ND	1	23	.6	2	2	15	.24	.070	7	6	.18	293	.09	5	2.26	.04	.09	1	1
L2300N 2000W	1	6	9	51	.2	10	5	597	1.61	2	5	ND	3	14	.4	2	2	13	.34	.019	12	9	.29	378	.06	3	1.70	.02	.09	1	1
L2300N 2000W B	1	5	11	47	.1	13	5	414	1.71	2	5	ND	3	15	.2	2	2	15	.25	.019	10	9	.29	321	.09	4	2.27	.02	.12	1	1
L2300N 1900W	1	9	12	25	.2	13	8	752	2.28	3	5	ND	5	9	.5	2	2	15	.41	.019	19	12	.59	592	.03	8	1.42	.01	.16	1	3
L2300N 1800W	1	8	5	18	.1	11	7	341	2.70	4	5	ND	6	6	.2	2	2	17	.14	.022	20	10	.51	207	.03	6	1.16	.01	.09	1	2
L2300N 1700W	1	5	5	25	.1	10	6	144	1.72	3	5	ND	5	7	.2	2	2	14	.14	.013	20	10	.44	113	.04	5	1.15	.01	.12	2	3
L2300N 1600W	1	6	7	29	.1	8	4	191	1.34	2	5	ND	4	8	.2	2	2	11	.15	.021	19	8	.33	112	.04	4	.98	.01	.11	1	4
L2300N 1500W	1	7	4	29	.1	10	5	153	1.51	2	5	ND	4	10	.5	2	2	14	.16	.016	18	10	.40	143	.05	5	1.38	.01	.11	1	2
L2300N 1400W	1	4	2	36	.1	6	4	244	1.29	2	5	ND	3	9	.2	2	3	10	.15	.019	13	8	.28	143	.05	8	1.12	.01	.15	1	1
L2300N 1300W	1	6	5	35	.1	6	3	365	1.30	2	5	ND	1	10	.2	2	2	11	.20	.034	11	7	.25	202	.05	6	1.09	.01	.13	1	1
L2300N 1200W	1	4	5	39	.1	7	3	146	1.18	2	5	ND	2	9	.2	2	2	10	.19	.018	12	7	.25	127	.04	8	.99	.01	.12	1	17
L2300N 1100W	1	4	7	25	.1	6	3	242	1.21	2	5	ND	3	7	.3	2	2	9	.10	.025	14	7	.26	160	.04	5	1.00	.01	.10	1	3
L2300N 1000W	1	5	9	26	.1	9	5	256	1.74	2	5	ND	5	10	.2	2	2	14	.16	.019	18	10	.41	224	.05	6	1.39	.01	.13	1	1
L2300N 900W	1	8	7	35	.1	12	5	523	1.98	2	5	ND	5	9	.2	2	2	15	.18	.020	18	12	.43	258	.05	6	1.34	.01	.13	1	1
L2300N 800W	1	3	3	24	.1	8	4	255	1.47	3	5	ND	4	10	.2	2	2	11	.15	.012	18	9	.35	201	.05	6	1.07	.01	.11	1	7
L2300N 700W	1	6	9	33	.1	8	4	358	1.46	2	5	ND	3	13	.2	2	3	12	.37	.021	15	9	.36	232	.04	6	1.08	.01	.11	1	5
L2200N 3900W	1	5	7	40	.1	9	4	287	1.32	2	5	ND	4	8	.2	2	2	10	.08	.046	25	8	.31	107	.03	6	.78	.01	.07	1	5
L2200N 3800W	1	6	6	62	.1	9	4	243	1.29	2	6	ND	2	14	.2	2	3	11	.19	.080	11	7	.22	235	.06	7	1.78	.02	.08	1	2
L2200N 3700W	1	7	8	49	.1	9	4	590	1.33	2	5	ND	3	13	.2	2	2	13	.18	.028	17	8	.24	288	.06	8	1.39	.02	.08	1	1
STANDARD C/AU-S	19	58	38	131	7.2	73	32	1050	3.97	40	19	7	38	53	18.4	15	18	56	.51	.096	38	56	.89	182	.07	38	1.88	.06	.14	11	47

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
L2200N 3600W	1	83	3	33	.1	8	3	185	1.24	2	7	ND	2	11	.2	2	2	11	.16	.022	15	7	.28	112	.05	6	1.15	.02	.10	1	9
L2200N 3500W	1	6	11	31	.1	11	4	229	1.46	5	5	ND	4	12	.2	2	2	12	.20	.021	19	8	.28	120	.05	6	1.26	.01	.12	1	4
L2200N 3400W	1	6	6	32	.1	10	5	495	1.52	2	5	ND	5	10	.2	2	2	10	.20	.023	21	8	.33	144	.04	8	1.18	.01	.19	1	3
L2200N 3300W	1	3	8	28	.1	8	4	340	1.31	2	5	ND	3	11	.4	2	4	11	.18	.022	17	7	.28	125	.04	8	.99	.01	.12	1	3
L2200N 3200W	1	8	5	54	.1	22	9	899	2.70	3	5	ND	5	13	.2	2	4	18	.27	.035	19	15	.99	224	.05	9	1.91	.01	.20	1	3
L2200N 3100W	1	10	9	29	.1	17	11	876	3.23	7	5	ND	9	10	.2	2	2	12	2.76	.034	24	12	1.15	207	.03	13	2.19	.01	.30	2	4
L2200N 3000W	1	4	7	20	.1	9	5	421	1.39	3	5	ND	4	8	.3	2	2	10	.19	.016	21	8	.32	175	.03	6	.95	.01	.11	1	2
L2200N 2900W	1	10	6	48	.1	15	7	407	2.46	2	5	ND	6	19	.3	2	2	14	.72	.031	26	11	.41	350	.07	10	2.19	.03	.17	1	2
L2200N 2800W	1	5	6	75	.1	11	4	374	1.29	2	5	ND	1	15	.3	2	2	11	.16	.057	9	8	.25	283	.06	5	1.62	.02	.11	1	2
L2200N 2700W	1	4	6	20	.1	7	3	175	1.02	2	5	ND	3	11	.2	2	2	8	.09	.012	15	6	.24	151	.04	5	.94	.01	.07	1	3
L2200N 2600W	1	14	4	41	.1	15	7	453	2.02	4	5	ND	6	12	.3	2	3	13	.65	.029	24	12	.65	171	.03	7	1.44	.01	.14	1	3
L2200N 2500W	1	10	7	76	.1	14	6	463	1.57	3	5	ND	2	19	.2	2	2	14	.14	.123	11	10	.32	348	.06	6	2.06	.02	.12	1	4
L2200N 2400W	1	6	7	62	.1	10	5	577	1.49	3	5	ND	2	15	.3	2	3	13	.20	.031	11	9	.29	268	.07	4	1.78	.02	.10	1	1
L2200N 2300W	1	6	5	41	.1	11	5	194	1.78	2	5	ND	3	22	.6	2	2	14	.32	.012	11	10	.30	309	.09	8	2.45	.03	.15	1	3
L2200N 2200W	1	10	10	28	.1	12	5	140	1.99	4	5	ND	6	15	.4	2	2	14	.28	.021	17	11	.36	190	.07	5	1.94	.02	.10	1	1
L2200N 2100W	1	14	15	24	.1	14	8	347	2.49	3	5	ND	7	13	.2	2	3	11	.61	.027	22	14	.54	376	.04	5	2.10	.01	.13	1	2
L2200N 2000W	1	3	6	25	.1	9	5	398	1.64	2	5	ND	5	12	.3	2	6	11	.25	.012	17	9	.39	183	.04	8	1.37	.01	.17	1	3
L2200N 2000W A	1	9	8	27	.1	9	7	312	1.99	2	5	ND	5	10	.3	2	4	11	.28	.018	19	10	.45	182	.05	7	1.59	.01	.19	1	2
L2200N 1900W	1	3	6	22	.1	7	4	187	1.32	4	5	ND	4	12	.5	2	2	9	.18	.010	16	8	.31	105	.04	4	1.17	.01	.13	1	1
L2200N 1800W	1	9	7	20	.2	11	6	255	1.51	2	5	ND	5	16	.3	2	2	10	2.01	.028	18	9	.47	128	.02	6	.99	.01	.10	1	3
L2200N 1700W	1	5	13	27	.1	9	6	991	1.86	2	5	ND	4	12	.3	2	2	15	.35	.041	15	9	.36	592	.05	7	1.30	.01	.20	1	6
L2200N 1600W	1	6	9	27	.1	10	5	371	1.66	5	5	ND	5	9	.2	2	2	13	.16	.019	19	10	.38	208	.04	7	1.16	.01	.14	1	2
L2200N 1500W	1	6	6	36	.1	9	5	370	1.65	2	5	ND	5	9	.2	2	2	12	.17	.025	17	10	.36	221	.05	9	1.26	.01	.15	1	2
L2200N 1400W	1	4	6	38	.1	8	5	366	1.67	2	5	ND	4	11	.5	2	2	13	.21	.025	15	10	.35	286	.05	6	1.42	.01	.18	1	2
L2200N 1300W	1	4	7	31	.1	7	4	279	1.40	4	5	ND	5	7	.2	2	2	10	.16	.018	19	9	.34	127	.03	7	.91	.01	.10	1	3
L2200N 1200W	1	7	7	32	.1	10	4	221	1.58	3	5	ND	4	12	.5	2	2	13	.18	.021	18	10	.37	189	.05	6	1.40	.02	.15	1	1
L2200N 1100W	1	3	8	21	.1	9	5	278	1.46	2	5	ND	4	12	.2	2	4	11	.17	.022	18	10	.40	163	.04	5	1.18	.01	.13	1	2
L2200N 1000W	1	8	6	24	.1	10	7	367	1.98	3	5	ND	4	24	.5	2	2	13	.64	.026	18	11	.50	483	.05	8	1.67	.01	.13	1	1
L2200N 900W	1	5	6	24	.1	10	5	258	1.50	2	5	ND	3	14	.3	2	2	13	.18	.031	13	8	.29	232	.06	7	1.83	.02	.08	1	1
L2100N 4000W	1	6	10	29	.1	10	4	673	1.70	3	5	ND	4	13	.4	2	2	12	.28	.019	19	8	.30	188	.06	9	1.45	.01	.17	1	3
L2100N 3900W	1	16	19	27	.1	16	10	620	2.69	3	5	ND	8	11	.4	2	2	16	.52	.021	33	12	.52	183	.05	11	2.01	.01	.21	1	3
L2100N 3800W	1	13	15	25	.1	15	10	1411	3.99	8	5	ND	7	11	.4	2	2	15	.79	.025	23	11	.80	190	.05	12	2.19	.01	.25	1	2
L2100N 3700W	1	6	4	26	.1	12	7	376	2.15	2	5	ND	6	12	.2	2	2	15	.26	.014	22	10	.43	140	.06	10	1.73	.01	.16	1	2
L2100N 3600W	1	8	6	24	.1	10	5	346	1.81	3	5	ND	6	9	.6	2	2	14	.17	.016	23	9	.39	118	.05	10	1.27	.01	.15	1	1
L2100N 3500W	1	7	6	38	.1	11	7	918	2.72	2	5	ND	5	13	.2	2	2	15	.39	.028	15	11	.44	165	.05	14	1.49	.01	.30	1	1
L2100N 3400W	1	5	6	31	.1	8	4	714	1.58	4	5	ND	4	11	.4	2	2	10	.23	.023	15	8	.28	173	.05	7	1.29	.01	.17	1	1
STANDARD C/AU-S	19	60	40	131	7.0	73	32	1050	3.96	41	21	7	39	52	18.4	15	23	56	.51	.094	39	57	.89	182	.08	38	1.91	.06	.14	11	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
L2100N 3300W	1	11	8	28	.1	11	6	901	2.94	2	5	ND	5	11	.2	2	2	10	.68	.022	17	9	.68	117	.06	9	1.78	.01	.34	1	2
L2100N 3200W	1	8	6	26	.1	14	8	462	2.51	2	5	ND	5	12	.2	2	2	9	.58	.032	17	10	.57	116	.04	14	1.47	.01	.30	1	2
L2100N 3100W	1	6	6	26	.1	9	4	164	1.48	4	5	ND	2	13	.2	2	2	10	.19	.023	11	7	.31	108	.06	5	1.39	.02	.16	1	28
L2100N 3000W	1	7	4	17	.1	6	3	269	1.10	2	5	ND	2	9	.2	2	3	8	.09	.022	15	7	.30	107	.03	5	.82	.01	.10	1	2
L2100N 2900W	1	8	2	21	.1	6	2	266	.80	2	5	ND	1	7	.2	2	2	7	.09	.013	12	5	.23	99	.03	2	.73	.01	.06	2	2
L2100N 2800W	1	1	5	13	.1	6	2	117	1.01	2	5	ND	2	5	.2	2	2	7	.07	.014	16	6	.29	70	.03	4	.71	.01	.04	1	1
L2100N 2700W	1	11	4	15	.2	10	4	116	1.42	3	5	ND	6	6	.4	2	2	10	.13	.011	20	8	.44	56	.03	3	.88	.01	.08	1	2
L2100N 2600W	1	14	3	16	.1	11	5	118	1.50	3	5	ND	6	8	.2	3	2	12	.15	.012	23	9	.43	88	.04	4	1.06	.01	.08	1	1
L2100N 2500W	1	14	8	25	.1	18	8	217	2.45	2	5	ND	7	12	.2	3	2	15	.31	.024	23	14	.74	151	.04	6	1.94	.01	.25	1	1
L2100N 2400W	1	6	9	32	.1	11	5	189	1.35	3	5	ND	4	13	.2	2	3	9	.15	.110	14	8	.36	289	.05	4	1.56	.01	.09	3	4
L2100N 2300W	1	9	5	15	.2	5	2	179	.76	2	5	ND	3	3	.3	2	5	5	.05	.029	16	5	.27	143	.02	3	.51	.01	.06	1	1
L2100N 2200W	1	1	2	13	.1	8	4	117	1.09	2	5	ND	5	5	.2	3	2	7	.08	.040	21	8	.41	104	.02	2	.64	.01	.06	1	1
L2100N 2100W	1	8	5	13	.1	9	5	95	1.33	5	5	ND	1	6	.2	2	2	8	.12	.089	18	9	.43	170	.02	2	.83	.01	.03	1	2
L2100N 2000AW	1	10	7	19	.1	9	3	265	1.34	2	5	ND	1	13	.2	2	3	8	.21	.019	11	9	.31	171	.05	7	1.40	.02	.15	1	1
L2100N 2000BW	1	7	5	13	.1	7	3	153	1.11	3	5	ND	3	4	.2	2	2	7	.11	.013	18	8	.33	97	.02	3	.60	.01	.07	1	1
L2100N 1900W	1	12	5	14	.1	10	6	163	1.46	3	5	ND	4	8	.2	2	2	9	.27	.026	21	9	.52	105	.03	4	.89	.01	.09	1	1
L2100N 1800W	1	12	9	21	.1	9	5	304	1.28	2	5	ND	1	34	.3	2	2	8	3.81	.041	12	7	.74	99	.02	8	.81	.01	.07	1	1
L2100N 1700W	1	5	6	17	.1	7	3	333	1.25	2	5	ND	1	7	.2	2	3	10	.24	.027	12	8	.34	145	.03	4	.80	.01	.07	1	15
L2100N 1600W	1	10	8	24	.1	9	5	868	1.60	2	5	ND	3	9	.3	2	2	12	.31	.022	16	10	.41	290	.03	6	1.00	.01	.14	1	1
L2100N 1500W	1	15	9	36	.1	14	6	457	1.95	2	5	ND	5	9	.2	2	2	12	.29	.028	20	13	.54	189	.03	6	1.31	.01	.21	1	1
L2100N 1400W	1	7	6	30	.1	7	3	242	1.06	6	5	ND	1	12	.2	2	4	8	.14	.027	7	6	.22	187	.05	5	1.15	.02	.07	1	1
L2100N 1300W	1	10	6	52	.1	7	3	451	1.29	3	5	ND	2	9	.2	2	2	9	.19	.024	12	8	.30	259	.04	10	1.00	.01	.11	1	1
L2100N 1200W	1	13	7	29	.1	9	3	238	1.38	2	5	ND	3	12	.2	2	2	11	.13	.025	12	9	.33	217	.06	5	1.40	.02	.10	1	1
L2100N 1100W	1	10	5	27	.2	9	4	340	1.32	13	5	ND	2	9	.3	2	2	11	.11	.022	14	8	.36	145	.05	5	1.18	.01	.10	1	1
L2100N 1000W	1	10	6	20	.1	11	5	197	1.58	2	5	ND	5	9	.2	2	2	11	.16	.015	22	10	.50	97	.04	4	1.11	.01	.11	1	1
STANDARD C/AU-S	19	62	39	130	7.3	72	31	1045	3.95	42	16	7	39	52	18.3	16	19	59	.51	.095	40	60	.91	183	.09	35	1.89	.06	.13	12	47

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GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT GOLD CK File # 90-3664 Page 1
901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: M.BAPTY

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
L2000N 4000W	1	11	11	21	.1	13	6	447	1.78	4	5	ND	1	31	.2	2	2	8	3.43	.053	18	9	.89	124	.02	2	1.17	.01	.13	1	1
L2000N 3900W	1	21	8	19	.1	17	8	924	2.65	5	5	ND	3	17	.2	2	2	6	4.10	.039	14	9	1.95	127	.03	5	1.61	.01	.20	1	1
L2000N 3800W	1	12	11	21	.1	16	7	889	2.67	2	5	ND	4	15	.2	2	2	8	2.35	.026	17	9	1.29	155	.04	4	1.66	.01	.26	1	4
L2000N 3700W	1	7	5	4	.1	10	7	623	1.35	8	5	ND	1	37	.2	2	2	1	9.87	.037	2	4	2.52	54	.01	2	.53	.01	.06	1	2
L2000N 3600W	1	19	2	14	.1	16	8	911	2.69	6	5	ND	2	23	.2	2	2	4	6.31	.044	8	8	2.51	127	.02	10	1.36	.01	.19	1	3
L2000N 3500W	1	6	4	4	.1	9	4	345	1.00	6	5	ND	1	30	.2	2	2	1	9.01	.039	2	3	2.12	40	.01	5	.38	.01	.05	1	3
L2000N 3400W	1	16	9	14	.1	18	8	564	2.58	6	5	ND	4	15	.2	2	2	6	3.63	.029	11	9	1.79	104	.03	6	1.44	.01	.20	1	1
L2000N 3300W	1	12	8	13	.1	15	7	847	2.47	7	5	ND	2	18	.2	2	2	6	4.57	.042	8	6	2.01	86	.03	7	1.16	.01	.16	1	3
L2000N 3200W	1	11	13	31	.1	15	8	1368	2.81	2	5	ND	6	18	.2	2	2	11	.99	.052	16	13	.78	367	.08	6	2.26	.02	.20	1	2
L2000N 3100W	1	5	8	23	.1	8	6	1326	1.26	2	5	ND	4	11	.2	2	2	9	.17	.039	17	8	.39	226	.04	2	.89	.01	.09	1	1
L2000N 3000W	1	16	11	41	.1	17	11	1177	2.36	2	5	ND	7	14	.2	2	2	16	.19	.057	26	14	.76	284	.06	2	1.84	.02	.23	1	3
L2000N 2900W	1	6	8	16	.1	12	7	182	1.57	2	5	ND	8	5	.2	2	2	9	.12	.051	28	11	.66	129	.02	2	.97	.01	.10	1	2
L2000N 2800W	1	14	6	19	.1	15	7	401	1.82	2	5	ND	4	10	.2	2	2	11	.44	.030	25	12	.72	180	.02	2	1.31	.01	.09	1	4
L2000N 2700W	1	13	6	23	.1	14	7	344	1.81	3	5	ND	6	10	.2	2	2	10	.41	.039	26	12	.70	197	.03	2	1.18	.01	.10	1	2
L2000N 2600W	1	6	5	20	.1	10	6	401	1.50	2	5	ND	7	6	.2	2	2	9	.10	.064	24	10	.59	174	.02	2	.91	.01	.09	1	1
L2000N 2500W	1	2	3	22	.2	22	8	464	3.06	2	5	ND	8	34	.2	2	2	15	2.81	.063	19	28	1.45	79	.01	2	2.16	.01	.12	1	5
L2000N 2400W	1	6	2	14	.1	15	7	129	2.18	6	5	ND	8	8	.2	2	2	9	.33	.069	24	16	.87	59	.01	2	.92	.01	.10	1	4
L2000N 2300W	1	6	4	14	.1	10	6	122	1.43	2	5	ND	6	6	.2	2	2	9	.15	.030	24	9	.59	152	.03	2	.94	.01	.09	1	3
L2000N 2200W	1	7	6	13	.1	11	6	300	1.48	5	5	ND	6	6	.2	2	2	8	.20	.029	24	11	.62	149	.02	2	.88	.01	.09	1	2
L2000N 2100W	1	9	6	20	.2	11	5	391	1.24	3	5	ND	1	67	.2	2	2	7	6.30	.047	4	8	1.20	109	.01	2	.78	.01	.10	1	8
L2000N 2000W	1	7	11	27	.1	16	13	743	2.44	3	5	ND	7	12	.2	2	2	11	.46	.041	28	11	.92	369	.04	2	1.62	.01	.15	1	19
L2000N 2000W A	1	1	3	13	.1	11	4	698	2.08	3	5	ND	4	51	.2	2	2	5	4.00	.045	29	6	1.91	352	.02	2	.69	.01	.24	1	3
L2000N 1900W	1	6	6	26	.1	13	7	486	1.76	4	5	ND	6	10	.2	2	2	12	.23	.030	22	11	.65	173	.04	2	1.46	.01	.12	1	1
L2000N 1800W	1	11	10	23	.1	16	7	417	2.01	4	5	ND	7	8	.2	2	2	12	.27	.026	24	13	.76	132	.03	2	1.32	.01	.18	1	1
L2000N 1700W	1	5	6	36	.1	11	6	1386	1.65	4	5	ND	4	9	.2	2	2	9	.26	.032	16	11	.71	332	.03	2	1.14	.01	.15	1	3
L2000N 1600W	1	14	8	22	.2	16	9	411	2.62	4	5	ND	7	7	.2	2	2	16	.40	.030	20	15	.87	249	.03	2	1.64	.01	.15	1	5
L2000N 1500W	1	6	4	21	.1	13	10	1032	2.11	4	5	ND	6	9	.2	2	2	12	.26	.035	23	12	.68	272	.03	2	1.09	.01	.11	1	2
L2000N 1400W	1	5	5	28	.1	11	6	1222	1.66	4	5	ND	6	8	.2	2	2	9	.23	.047	21	11	.65	267	.03	2	1.02	.01	.14	1	1
L2000N 1300W	1	8	9	21	.1	13	7	191	1.86	2	5	ND	7	8	.2	2	2	12	.17	.031	23	12	.78	128	.04	2	1.42	.01	.12	1	2
L2000N 1200W	1	3	2	22	.1	11	6	773	1.61	2	5	ND	6	5	.2	2	2	8	.12	.033	25	11	.79	194	.02	2	.99	.01	.11	1	1
L2000N 1100W	1	8	10	21	.2	13	7	192	1.75	3	5	ND	8	7	.2	2	2	10	.17	.030	25	12	.73	88	.04	2	1.27	.01	.13	1	2
L2000N 1000W	1	11	9	25	.1	15	9	195	2.27	6	5	ND	7	10	.2	2	2	15	.18	.066	30	13	.87	123	.04	2	1.42	.02	.12	1	5
L1900N 4000W	1	4	4	16	.1	16	9	759	2.61	10	5	ND	3	15	.5	2	2	4	3.48	.094	2	11	2.51	125	.01	21	1.51	.01	.11	1	2
L1900N 3900W	1	5	5	16	.1	11	5	1199	2.13	5	5	ND	1	37	.3	2	2	2	6.10	.113	2	7	2.59	155	.02	18	1.28	.01	.15	1	1
L1900N 3800W	1	11	13	23	.2	15	7	922	2.55	11	5	ND	1	24	.4	3	2	7	4.65	.043	9	9	2.03	140	.03	16	1.55	.01	.20	1	3
L1900N 3700W	1	8	7	16	.1	21	16	801	2.62	8	5	ND	7	11	.3	3	2	9	.75	.060	18	17	1.57	157	.03	11	2.11	.01	.23	1	1
STANDARD C/AU-S	18	60	41	131	6.9	73	31	1044	3.96	41	19	7	39	52	18.7	16	19	56	.51	.092	37	55	.89	182	.09	38	1.91	.06	.14	12	46

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-P8 Soil P9 Rock AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 20 1990 DATE REPORT MAILED: Aug 25/90. 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
L1900N 3600W	1	9	2	16	.1	14	8	879	2.22	8	5	ND	4	20	.2	2	2	8	3.93	.043	11	8	2.66	134	.02	13	1.08	.01	.17	1	1
L1900N 3500W	1	7	2	16	.1	15	6	855	2.48	2	5	ND	6	19	.2	2	2	11	3.00	.058	12	10	2.37	175	.04	15	1.69	.02	.20	1	1
L1900N 3400W	1	10	2	18	.1	15	6	916	2.52	15	5	ND	4	31	.2	2	2	7	5.89	.085	9	7	3.51	129	.02	22	.92	.01	.21	1	1
L1900N 3300W	1	18	2	29	.1	17	8	437	1.96	17	5	ND	4	78	.2	2	2	15	12.75	.061	13	12	1.64	165	.01	6	1.41	.01	.18	1	3
L1900N 3200W	1	16	2	36	.1	15	7	523	1.79	3	5	ND	4	44	.2	2	2	13	3.07	.092	18	11	1.02	169	.04	8	1.52	.03	.18	1	3
L1900N 3100W	1	12	2	29	.1	17	11	1032	2.25	2	5	ND	5	14	.2	2	2	16	.22	.062	26	15	.81	159	.04	5	1.54	.01	.24	1	2
L1900N 3000W	1	14	2	16	.1	17	7	389	1.60	6	5	ND	3	26	.2	2	2	11	1.22	.033	20	15	.65	542	.02	3	1.20	.01	.13	1	1
L1900N 2900W	1	14	3	18	.1	15	7	248	1.53	5	5	ND	5	9	.2	2	2	11	.37	.042	28	14	.55	151	.03	2	1.11	.01	.11	1	1
L1900N 2800W	1	7	3	17	.1	11	5	165	1.52	2	5	ND	5	7	.2	2	2	11	.18	.064	24	12	.49	164	.02	2	1.04	.01	.11	1	1
L1900N 2700W	1	25	2	34	.1	19	9	352	1.94	10	5	ND	6	69	.5	3	2	17	5.70	.043	20	13	1.62	136	.01	3	1.38	.02	.39	1	4
L1900N 2600W	1	8	3	29	.1	16	9	568	2.08	2	5	ND	6	12	.2	2	2	16	.24	.028	25	14	.64	223	.05	3	1.72	.02	.18	1	1
L1900N 2500W	1	14	3	52	.1	19	8	995	2.33	9	5	ND	5	11	.2	2	2	18	.15	.115	19	15	.61	343	.07	3	2.29	.01	.14	1	2
L1900N 2400W	1	9	4	70	.1	23	10	1350	2.44	6	5	ND	6	17	.2	2	2	18	.21	.185	18	15	.50	433	.08	4	2.87	.02	.19	1	1
L1900N 2300W	1	3	3	28	.1	12	6	1255	1.58	4	5	ND	5	10	.2	2	2	10	.16	.053	22	12	.52	333	.04	4	1.25	.02	.13	1	1
L1900N 2200W	1	10	2	37	.1	12	6	1369	1.46	8	5	ND	4	13	.2	2	2	10	.21	.075	17	11	.54	359	.05	3	1.39	.02	.11	1	9
L1900N 2100W	1	1	2	18	.1	12	6	1441	1.63	2	5	ND	5	8	.2	2	2	10	.32	.047	23	13	.74	336	.02	4	1.00	.01	.14	1	2
L1900N 2000W	1	8	4	24	.1	14	7	671	1.84	3	5	ND	6	10	.2	2	2	12	.17	.032	24	13	.64	359	.04	4	1.36	.01	.15	1	2
L1900N 1900W	1	11	2	32	.1	14	6	675	1.81	2	5	ND	6	7	.2	2	2	10	.24	.032	24	12	.67	236	.04	4	1.19	.01	.12	1	2
L1900N 1800W	1	10	2	20	.1	13	7	843	1.67	5	5	ND	5	7	.2	2	2	11	.14	.028	26	12	.57	198	.03	5	1.09	.01	.13	1	2
L1900N 1728W	1	5	2	8	.1	6	2	73	.79	2	5	ND	5	6	.2	2	2	7	.17	.016	22	7	.27	98	.02	4	.55	.01	.08	1	3
L1800N 4000W	1	8	2	19	.1	19	9	809	2.42	12	5	ND	8	8	.2	2	2	13	.23	.047	25	18	1.15	157	.03	10	1.60	.01	.17	1	1
L1800N 3900W	1	7	4	29	.1	18	9	1840	2.58	9	5	ND	6	11	.2	2	2	15	.32	.041	21	14	.88	276	.05	14	1.74	.01	.19	1	4
L1800N 3800W	1	13	3	23	.1	15	8	1676	2.35	12	5	ND	5	17	.2	2	2	11	1.33	.074	18	10	1.26	315	.04	17	1.48	.01	.19	1	1
L1800N 3700W	1	14	4	23	.1	17	8	863	2.05	7	5	ND	7	13	.2	2	2	15	.18	.039	25	14	.56	208	.05	5	1.60	.01	.19	1	3
L1800N 3600W	1	7	2	21	.1	13	7	276	1.57	2	5	ND	7	7	.2	2	2	10	.12	.072	31	12	.51	182	.04	4	1.08	.01	.13	1	1
L1800N 2300W	1	14	5	29	.1	17	11	675	2.40	15	5	ND	4	11	.2	2	2	18	.13	.039	25	15	.82	149	.05	3	1.73	.01	.19	1	3
L1800N 2200W	1	10	7	22	.1	13	6	368	1.57	2	5	ND	4	13	.2	2	2	14	.19	.038	20	12	.48	135	.05	6	1.26	.02	.15	1	3
L1800N 2100W	1	15	2	19	.3	9	5	652	1.08	2	9	ND	1	257	.2	2	2	8	8.61	.042	8	7	1.00	764	.03	7	1.04	.04	.13	1	2
L1800N 2000W	1	17	2	27	.1	15	8	525	2.02	5	5	ND	6	32	.2	2	2	15	2.17	.041	21	13	.96	285	.04	5	1.63	.02	.16	1	4
L1800N 1900W	1	8	6	21	.1	11	6	523	1.53	2	5	ND	4	16	.2	2	2	13	.32	.032	18	11	.46	299	.05	4	1.43	.02	.09	1	2
L1800N 1800W	1	13	4	32	.1	19	7	358	2.06	8	5	ND	5	33	.2	2	2	16	2.67	.048	22	17	1.08	133	.02	4	1.44	.01	.14	1	5
L1800N 1700W	1	13	3	35	.1	16	7	851	2.08	9	5	ND	5	15	.2	2	2	16	.22	.171	18	14	.60	383	.07	4	2.08	.02	.11	1	3
L1800N 1600W	1	17	3	33	.2	13	4	1032	1.29	8	5	ND	2	34	.2	2	2	15	.28	.228	7	7	.14	460	.09	6	2.02	.07	.08	1	2
L1800N 1500W	1	9	4	26	.1	13	6	223	1.46	4	5	ND	4	11	.2	2	2	9	.49	.047	23	12	.58	104	.02	4	.93	.01	.10	1	4
L1800N 1400W	1	13	3	22	.1	15	7	377	1.65	4	5	ND	3	13	.2	2	2	10	.73	.036	24	13	.63	131	.02	3	1.04	.01	.09	1	5
L1800N 1300W	1	14	3	16	.1	15	7	120	2.00	9	5	ND	7	6	.2	2	2	9	.26	.051	25	13	.82	53	.02	3	.94	.01	.11	1	4
STANDARD C/AU-S	18	57	42	131	7.3	73	31	1045	3.96	40	21	7	39	52	18.6	15	18	58	.51	.097	39	59	.92	182	.09	35	1.89	.06	.14	13	53

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L1800N 1200W	1	14	6	16	.1	16	6	427	1.61	2	5	ND	3	18	.2	2	2	11	1.20	.038	17	15	.58	255	.02	5	.97	.01	.11	1	5
L1800N 1100W	1	9	5	19	.1	15	5	415	1.78	2	5	ND	5	17	.2	2	2	17	.33	.053	15	13	.35	558	.06	5	1.91	.03	.12	1	1
L1800N 1000W	1	6	12	27	.1	13	4	1288	1.46	2	5	ND	3	19	.2	2	2	11	.43	.246	13	14	.42	662	.04	5	1.25	.01	.11	1	5
L1800N 900W	1	9	8	37	.1	11	4	1440	1.57	3	5	ND	2	34	.2	2	2	15	.50	.743	6	9	.17	1135	.08	7	2.30	.03	.11	1	1
L1800N 800W	1	11	6	17	.1	18	7	305	1.71	5	5	ND	5	9	.2	2	2	11	.51	.057	20	17	.63	182	.03	5	1.01	.01	.11	1	3
L1700N 4000W	1	7	5	36	.1	16	6	1558	2.21	2	5	ND	5	9	.2	2	2	16	.25	.061	17	19	.60	335	.05	4	1.55	.01	.18	1	3
L1700N 3900W	1	9	4	16	.1	16	8	309	1.75	2	5	ND	8	5	.2	2	2	13	.12	.023	24	17	.57	101	.02	6	.94	.01	.15	1	1
L1700N 3800W	1	5	6	19	.1	15	5	749	1.64	2	5	ND	5	6	.2	2	2	12	.11	.091	22	16	.46	181	.03	4	1.20	.01	.14	1	3
L1700N 2300W	1	9	6	26	.1	14	6	661	2.52	2	5	ND	4	21	.2	2	2	13	.89	.092	19	17	.81	302	.04	6	1.36	.01	.14	2	1
L1700N 2100W	1	5	7	15	.1	11	4	150	1.31	2	5	ND	3	17	.2	2	2	12	.42	.018	14	14	.49	222	.03	5	1.14	.02	.11	1	5
L1700N 2000W	1	7	5	14	.1	15	5	116	1.68	3	5	ND	6	8	.2	2	2	11	.27	.052	21	24	.89	254	.02	5	1.11	.01	.13	1	7
L1700N 1900W	1	9	10	23	.1	15	7	710	2.05	2	5	ND	4	7	.2	2	2	15	.14	.054	19	18	.59	280	.04	3	1.38	.01	.12	1	1
L1700N 1800W	1	14	2	33	.1	16	6	824	2.09	5	5	ND	3	13	.5	2	2	19	.20	.168	14	17	.43	360	.07	4	2.19	.03	.12	1	1
L1700N 1700W	1	13	9	27	.1	21	9	697	2.90	2	5	ND	5	14	.2	2	3	19	.30	.196	17	19	.76	450	.05	3	1.86	.02	.12	1	6
L1700N 1600W	1	6	2	18	.1	14	6	388	1.82	4	5	ND	6	6	.2	2	2	15	.15	.038	19	16	.58	179	.03	6	1.15	.01	.13	1	2
L1700N 1500W	1	5	7	12	.1	13	5	477	1.64	3	5	ND	6	10	.2	2	2	12	.21	.045	19	16	.55	349	.03	2	1.18	.01	.10	1	1
L1700N 1400W	1	4	2	12	.1	12	5	1121	1.41	2	5	ND	4	10	.2	2	2	10	.25	.051	18	15	.48	428	.03	4	1.18	.01	.14	1	1
L1700N 1300W	1	12	11	18	.1	15	16	1819	2.33	5	5	ND	2	22	.2	2	2	15	2.01	.201	10	18	1.15	1059	.04	9	1.34	.02	.13	1	1
L1700N 1200W	1	19	4	7	.1	18	5	325	1.98	2	5	ND	8	10	.2	2	2	12	.38	.059	30	16	.57	245	.01	2	.97	.01	.14	1	2
L1700N 1100W	1	9	10	18	.1	15	5	577	1.58	2	5	ND	5	11	.2	2	2	14	.22	.104	19	15	.44	394	.04	2	1.45	.02	.11	1	1
L1700N 1000W	1	9	9	37	.1	12	4	1250	1.46	3	5	ND	2	25	.2	2	2	15	.33	.458	7	11	.15	933	.09	7	2.24	.04	.10	1	1
L1700N 900W	1	8	13	32	.1	19	5	1106	1.84	2	5	ND	4	18	.2	2	2	19	.29	.182	11	14	.33	696	.08	8	2.39	.03	.11	1	1
L1700N 800W	1	2	4	17	.1	19	5	381	1.51	2	5	ND	8	6	.2	2	2	10	.19	.057	31	22	.86	229	.01	6	1.14	.01	.20	1	4
L1700N 700W	1	9	5	17	.1	19	7	259	2.15	3	5	ND	6	7	.2	2	2	13	.29	.049	22	21	.78	151	.02	6	1.13	.01	.11	1	1
L1600N 4000W	1	9	3	17	.1	16	5	140	1.52	2	5	ND	6	7	.2	2	2	10	.24	.028	26	21	.61	143	.02	4	1.12	.01	.15	1	2
L1600N 2300W	1	7	12	45	.1	12	7	2311	1.74	2	5	ND	4	14	.2	2	2	13	.13	.141	17	15	.40	568	.04	7	1.18	.01	.13	1	1
L1600N 2200W	1	17	4	14	.1	5	1	167	.32	3	5	ND	1	185	.2	2	2	3	32.63	.091	2	12	.45	817	.01	12	.29	.01	.03	1	4
L1600N 2100W	1	13	8	50	.2	39	23	1158	5.47	3	5	ND	2	10	.2	2	2	22	.31	.090	13	24	2.14	442	.03	7	2.52	.01	.18	1	1
L1600N 2000W	1	7	13	28	.1	13	6	1037	1.57	2	5	ND	3	14	.3	2	2	12	.36	.030	13	16	.49	269	.04	7	1.25	.02	.12	1	1
L1600N 1900W	1	9	6	21	.1	17	7	498	2.09	2	5	ND	6	9	.2	2	2	15	.26	.052	22	20	.71	263	.03	8	1.40	.01	.14	1	1
L1600N 1800W	1	9	11	34	.1	15	6	1945	1.72	2	5	ND	3	26	.2	2	2	15	.62	.322	11	18	.46	698	.05	9	1.76	.02	.17	1	1
L1600N 1700W	1	9	12	34	.1	14	5	1304	2.23	2	5	ND	3	18	.2	2	2	18	.39	.258	12	17	.44	663	.07	8	1.94	.02	.12	1	1
L1600N 1600W	1	9	7	20	.1	18	7	732	1.97	2	5	ND	6	11	.2	2	2	19	.33	.059	23	20	.62	346	.04	9	1.53	.02	.14	1	1
L1600N 1500W	1	10	6	24	.3	17	9	1465	2.79	7	5	ND	5	22	.3	2	2	20	.85	.273	13	21	.58	556	.05	12	2.35	.04	.22	1	1
L1600N 1400W	1	14	8	20	.2	13	6	1078	2.83	4	5	ND	7	12	.2	2	2	23	.46	.063	19	20	.58	480	.05	6	1.80	.02	.11	1	1
L1600N 1300W	1	134	17	24	.1	18	6	1553	1.71	2	5	ND	4	14	.2	2	2	14	.37	.093	18	19	.60	559	.05	6	1.92	.02	.14	1	1
STANDARD C/AU-S	19	63	45	133	7.6	73	32	1055	3.97	43	17	7	37	53	18.4	15	19	57	.51	.096	38	61	.90	181	.07	40	1.89	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L1600N 1200W	1	6	2	28	.2	15	5	1250	1.68	2	5	ND	5	11	.2	2	2	11	.23	.264	15	22	.63	618	.04	5	1.68	.02	.14	1	4
L1600N 1100W	1	8	12	26	.1	13	4	1292	1.59	2	5	ND	3	16	.2	2	2	15	.29	.184	12	13	.27	468	.07	4	2.20	.03	.12	2	2
L1600N 1000W	1	8	13	29	.2	15	4	921	1.75	5	5	ND	2	21	.2	2	2	17	.35	.396	7	13	.26	522	.09	7	2.72	.03	.10	1	1
L1600N 900W	1	5	13	18	.1	16	6	816	1.36	2	5	ND	5	13	.2	2	2	10	.25	.081	17	18	.73	380	.04	4	1.64	.02	.14	1	1
L1600N 800W	1	5	6	40	.2	10	5	1167	1.47	5	5	ND	3	23	.3	2	2	12	.35	.290	15	16	.64	486	.05	6	2.11	.03	.18	1	1
L1600N 700W	1	2	8	18	.2	15	6	665	1.16	2	5	ND	8	8	.3	3	2	8	.27	.065	25	23	.92	198	.01	5	1.21	.01	.22	1	1
L1500N 2300W	1	6	9	40	.1	12	7	1543	1.61	2	5	ND	3	12	.6	2	2	13	.16	.086	15	14	.40	360	.05	6	1.49	.02	.11	1	2
L1500N 2200W	1	12	17	25	.2	15	7	400	2.17	3	5	ND	5	21	.8	4	2	12	3.13	.058	19	20	1.39	131	.01	7	1.03	.01	.11	1	1
L1500N 2100W	1	9	9	16	.2	13	7	492	1.78	2	5	ND	5	5	.3	2	2	9	.22	.033	28	17	.83	115	.02	5	1.08	.01	.13	1	1
L1500N 2000W	1	7	12	35	.1	16	8	1623	1.94	2	5	ND	3	13	.4	2	2	15	.25	.075	15	19	.55	413	.04	5	1.45	.02	.13	1	2
L1500N 1900W	1	8	13	32	.2	19	10	873	2.45	5	5	ND	5	11	.4	2	2	17	.33	.054	23	23	.79	339	.04	6	1.94	.01	.14	2	1
L1500N 1800W	1	6	7	30	.1	14	7	1803	1.86	2	5	ND	4	13	.7	3	2	14	.34	.059	18	20	.62	465	.04	6	1.67	.02	.14	1	2
L1500N 1700W	1	7	12	32	.1	11	6	1679	2.35	2	5	ND	4	15	.7	3	2	17	1.21	.075	16	19	.99	421	.04	9	1.73	.02	.14	1	1
L1500N 1600W	1	5	7	32	.2	11	7	1687	1.70	2	5	ND	5	8	.6	2	2	12	.19	.100	20	17	.49	379	.03	7	1.31	.01	.14	1	1
L1500N 1500W	1	8	6	24	.1	14	6	936	1.68	2	5	ND	6	8	.2	2	2	12	.20	.088	20	18	.68	314	.03	8	1.47	.02	.11	1	1
L1500N 1400W	1	6	8	16	.1	14	11	387	1.75	2	5	ND	6	7	.5	2	2	13	.27	.046	27	18	.56	329	.02	5	1.15	.01	.11	1	11
L1500N 1300W	1	7	8	26	.1	13	5	883	1.54	2	5	ND	4	14	.4	2	2	16	.27	.153	13	14	.32	333	.06	8	2.11	.03	.14	1	3
L1500N 1200W	1	15	8	29	.1	14	6	926	1.57	2	5	ND	4	19	.4	2	2	18	.27	.159	15	13	.32	349	.07	10	2.17	.03	.11	1	1
L1500N 1100W	1	8	9	36	.1	15	5	1202	1.50	2	5	ND	2	18	.2	2	2	15	.36	.212	11	16	.43	347	.07	7	2.24	.03	.17	2	1
L1500N 1000W	1	6	11	26	.1	15	5	698	1.45	4	5	ND	5	14	.5	2	2	13	.18	.173	19	15	.49	406	.05	7	1.73	.02	.11	1	3
L1500N 900W	1	7	14	37	.1	18	6	648	2.01	2	5	ND	5	17	.4	2	2	19	.32	.167	18	17	.61	436	.07	7	2.51	.02	.13	1	1
L1500N 800W	1	7	10	37	.1	19	6	955	1.79	2	5	ND	5	19	.2	2	2	15	.28	.201	19	17	.60	400	.06	4	2.18	.02	.13	1	2
L1500N 700W	1	6	9	30	.1	15	6	817	1.51	2	5	ND	4	19	.5	3	2	13	.34	.168	14	16	.74	391	.05	7	2.02	.02	.15	1	1
L1500N 600W	1	3	6	16	.1	15	7	249	1.37	2	5	ND	7	10	.2	4	2	8	.53	.060	22	21	1.04	543	.02	4	1.29	.01	.17	1	1
L1400N 2300W	1	14	10	29	.1	17	9	576	2.38	2	5	ND	4	20	.2	2	2	20	.40	.028	19	21	.64	385	.06	7	2.53	.03	.14	1	2
L1400N 2200W	1	5	5	24	.1	18	9	1816	2.14	4	5	ND	3	9	.5	2	2	15	.16	.056	17	18	.64	280	.03	5	1.29	.01	.10	1	2
L1400N 2100W	1	6	6	23	.1	11	6	1076	1.47	2	5	ND	4	9	.3	2	2	14	.13	.055	18	16	.51	251	.04	4	1.36	.02	.12	1	1
L1400N 2000W	1	15	2	34	.1	17	13	738	2.60	3	5	ND	6	15	.8	2	2	17	.31	.066	26	19	1.03	308	.05	6	1.89	.02	.26	1	1
L1400N 1900W	1	6	5	27	.1	15	8	774	2.06	2	5	ND	5	10	.5	2	2	16	.30	.052	20	21	.79	294	.04	4	1.66	.01	.14	1	3
L1400N 1800W	1	6	5	17	.1	13	6	841	1.91	2	5	ND	6	8	.2	2	2	15	.18	.039	18	19	.67	239	.04	5	1.47	.01	.11	1	2
L1400N 1700W	1	12	7	31	.1	14	6	1290	1.97	2	5	ND	3	19	.2	2	2	21	.26	.102	15	18	.50	533	.07	7	2.24	.03	.10	1	2
L1400N 1600W	1	8	3	12	.1	12	5	227	1.58	2	5	ND	7	6	.4	2	2	12	.09	.054	23	18	.75	121	.01	3	1.11	.01	.09	1	1
L1400N 1500W	1	10	10	36	.1	15	7	1292	1.80	2	5	ND	5	12	.4	2	2	16	.20	.162	22	18	.52	511	.04	4	1.84	.02	.13	1	1
L1400N 1400W	1	10	8	30	.1	19	6	742	1.76	2	5	ND	5	13	.2	2	2	19	.28	.106	19	17	.61	341	.05	5	1.98	.02	.11	1	2
L1400N 1300W	1	11	12	30	.1	18	5	844	1.66	3	5	ND	3	20	.5	2	2	20	.26	.335	14	13	.35	463	.09	4	2.69	.03	.11	1	2
L1400N 1200W	1	12	9	28	.2	15	6	825	1.74	2	5	ND	5	20	.8	2	2	17	.26	.197	22	17	.53	473	.07	6	2.23	.03	.14	1	1
STANDARD C/AU-S	19	61	39	134	7.6	73	31	1055	3.98	40	17	7	36	53	18.9	15	20	57	.52	.095	38	61	.89	179	.07	38	1.89	.06	.14	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L1400N 1100W	1	7	13	27	.1	20	8	399	1.81	2	5	ND	5	12	.3	2	4	18	.17	.098	18	19	.62	174	.05	4	1.86	.02	.10	1	7
L1400N 1000W	1	5	8	20	.1	18	6	577	1.47	2	5	ND	6	14	.2	3	2	14	.22	.112	20	16	.67	185	.04	4	1.57	.01	.12	1	1
L1400N 900W	1	4	10	24	.1	13	5	1692	1.29	2	5	ND	2	17	.4	2	2	12	.20	.070	13	15	.44	366	.05	5	1.77	.02	.10	1	1
L1400N 800W	1	5	13	42	.2	16	6	1455	1.42	3	5	ND	3	25	.5	2	2	12	.31	.383	13	17	.50	652	.06	8	1.92	.02	.17	1	1
L1400N 700W	1	6	14	40	.2	17	6	973	1.72	5	5	ND	3	17	.9	2	2	14	.24	.253	12	13	.34	558	.07	7	2.24	.02	.14	1	1
L1400N 600W	1	7	10	43	.2	14	6	1305	1.67	5	5	ND	3	21	.5	2	2	16	.28	.179	12	15	.37	489	.07	7	2.17	.03	.13	3	2
L1400N 500W	1	12	8	23	.1	18	8	311	1.92	3	5	ND	5	9	.2	2	2	15	.28	.058	29	20	.68	148	.03	6	1.29	.01	.12	1	1
L1300N 1900W	1	6	11	36	.1	18	8	1536	2.42	3	5	ND	4	14	.9	5	2	16	.33	.122	14	21	.80	428	.06	7	2.14	.02	.16	2	1
L1300N 1800W	1	10	7	15	.1	14	5	591	1.55	2	5	ND	6	9	.4	3	2	13	.23	.036	21	16	.57	206	.03	5	1.25	.01	.13	1	3
L1300N 1700W	1	9	14	31	.1	14	6	1393	1.51	3	5	ND	4	20	.3	2	2	11	.26	.085	15	16	.57	591	.04	7	1.65	.02	.10	1	1
L1300N 1600W	1	10	14	36	.1	18	8	1071	1.84	3	5	ND	4	14	.2	2	2	15	.23	.208	18	15	.38	534	.06	7	1.88	.02	.12	2	1
L1300N 1500W	1	12	4	22	.1	20	8	1112	1.81	7	5	ND	5	14	.5	2	2	15	.29	.145	18	16	.50	410	.05	5	1.80	.02	.11	2	3
L1300N 1400W	1	8	8	34	.1	15	5	1024	1.57	2	5	ND	4	22	.2	2	2	15	.33	.272	15	12	.37	441	.07	5	2.29	.03	.11	3	1
L1300N 1300W	1	7	14	28	.2	10	4	990	1.39	2	5	ND	2	28	.3	2	2	19	.40	.230	8	9	.18	426	.10	8	2.64	.04	.10	1	2
L1300N 1200W	1	7	4	35	.1	10	4	1331	1.19	2	5	ND	2	44	.7	2	2	15	.54	.266	10	8	.22	530	.08	6	2.22	.03	.11	2	1
L1300N 1100W	1	6	7	31	.1	13	5	822	1.48	2	5	ND	5	32	.5	2	2	19	.40	.170	17	14	.44	335	.09	6	2.59	.03	.15	2	1
L1300N 1000W	1	1	4	5	.1	15	5	271	1.19	2	5	ND	7	6	.2	2	2	9	.11	.030	26	18	.82	80	.02	3	1.10	.01	.13	1	1
L1300N 900W	1	5	16	72	.2	16	6	2941	1.54	2	5	ND	3	28	.4	2	2	13	.27	.216	13	16	.51	733	.06	8	1.94	.02	.17	1	1
L1300N 800W	1	6	13	40	.1	16	6	1768	1.74	3	5	ND	4	21	.4	2	2	14	.23	.271	13	16	.47	800	.07	7	2.27	.02	.13	2	1
L1300N 700W	1	9	4	50	.1	12	6	1830	1.39	2	5	ND	2	35	.8	2	2	13	.44	.245	14	18	.57	615	.05	6	1.72	.02	.20	1	1
L1300N 600W	1	7	4	28	.1	12	6	1445	1.34	2	5	ND	5	32	.6	4	2	11	.65	.232	19	18	.70	1202	.04	8	1.38	.02	.22	2	1
L1300N 500W	1	8	12	37	.1	13	6	1274	1.39	2	5	ND	6	30	1.0	2	2	11	.62	.062	22	19	.67	614	.04	8	1.44	.01	.24	1	1
L1300N 400W	1	14	7	26	.3	17	10	290	2.22	3	5	ND	6	12	.3	4	2	16	.35	.081	35	21	.77	148	.03	6	1.59	.01	.12	1	1
L1300N 300W	1	13	13	31	.1	16	9	279	2.03	2	5	ND	3	18	.4	2	2	14	1.32	.066	22	19	.75	175	.02	5	1.30	.01	.12	1	2
L1300N 200W	1	6	3	16	.1	13	7	151	1.83	2	5	ND	6	7	.8	2	2	15	.17	.038	26	17	.65	110	.03	4	1.08	.01	.10	1	1
L1300N 100W	1	7	7	16	.1	14	8	254	1.89	2	5	ND	5	7	.2	2	2	13	.16	.067	26	16	.64	123	.03	5	1.11	.01	.11	1	1
L1300N 00	1	14	15	25	.1	18	9	467	1.91	2	5	ND	2	15	.4	4	2	12	1.08	.058	23	19	.81	158	.02	6	1.15	.01	.11	1	1
L1200N 2300W	1	11	14	35	.2	18	7	641	1.98	4	5	ND	4	15	.2	4	3	17	.24	.071	18	20	.63	394	.05	4	2.05	.02	.16	1	1
L1200N 2200W	1	10	11	26	.2	16	8	528	1.88	3	5	ND	6	16	.2	2	2	17	.33	.048	21	20	.62	210	.04	8	1.52	.02	.13	1	1
L1200N 2100W	1	5	11	18	.2	14	5	169	1.52	4	5	ND	4	9	.2	2	2	11	.15	.041	20	15	.52	128	.03	6	1.12	.01	.10	1	1
L1200N 2000W	1	8	11	17	.1	13	5	176	1.49	2	5	ND	4	8	.4	2	2	10	.14	.037	16	16	.52	123	.02	6	1.07	.01	.09	1	1
L1200N 1900W	1	5	14	25	.1	12	6	2051	1.60	2	5	ND	3	12	.3	2	2	12	.29	.056	15	16	.51	379	.04	6	1.36	.02	.13	2	2
L1200N 1800W	1	11	13	18	.2	17	8	575	1.94	2	5	ND	6	9	.5	2	2	16	.21	.058	20	18	.66	254	.04	4	1.58	.01	.15	1	1
L1200N 1700W	1	10	13	38	.1	16	7	1661	1.81	5	5	ND	4	21	.5	3	2	17	.29	.188	16	14	.45	523	.07	5	2.18	.03	.11	1	1
L1200N 900W	1	6	11	41	.1	13	6	2108	1.59	2	5	ND	2	30	.6	2	2	16	.34	.227	13	12	.33	534	.07	7	2.19	.03	.10	3	1
L1200N 800W	1	7	13	40	.1	12	5	1299	1.48	2	5	ND	3	38	.4	2	2	13	.33	.312	10	12	.32	1335	.07	10	2.25	.04	.15	1	1
STANDARD C/AU-S	19	62	38	132	7.3	72	31	1054	3.97	40	17	7	37	53	18.9	15	22	56	.51	.096	37	61	.89	181	.07	37	1.89	.06	.14	11	51

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
L1200N 700W	1	6	3	24	.1	9	5	654	1.55	2	5	ND	6	27	.4	2	2	13	.39	.117	18	16	.80	371	.05	11	1.99	.02	.24	2	1
L1200N 600W	1	4	6	17	.1	11	5	323	1.56	2	5	ND	7	11	.5	2	2	12	.25	.026	21	20	.71	241	.04	5	1.68	.02	.18	1	1
L1200N 500W	1	11	12	67	.2	8	5	1906	1.17	2	5	ND	1	25	.7	2	2	12	.41	.205	15	14	.49	620	.03	6	1.59	.02	.16	1	1
L1200N 400W	1	6	4	49	.1	10	6	1569	1.36	5	5	ND	4	23	.4	2	3	11	.22	.327	14	12	.34	787	.06	7	1.91	.02	.16	1	1
L1200N 300W	1	8	5	50	.1	9	5	1268	1.44	3	5	ND	2	21	.3	2	3	15	.31	.299	11	11	.26	447	.07	3	2.19	.03	.13	2	1
L1200N 200W	1	6	2	24	.1	12	8	250	2.06	2	5	ND	4	7	.2	2	2	15	.20	.089	23	15	.70	278	.03	4	1.24	.01	.10	1	1
L1200N 100W	1	10	7	23	.1	14	10	116	2.34	2	5	ND	7	10	1.0	2	2	18	.37	.016	25	18	.70	338	.04	6	1.75	.01	.14	1	4
L1200N 00	1	16	6	21	.1	14	7	143	1.72	2	5	ND	1	23	.4	2	2	11	1.71	.035	16	15	.75	684	.02	5	.94	.01	.09	1	9
L1200N 100E	1	13	7	22	.1	15	8	331	2.06	2	5	ND	4	11	.4	2	2	15	.57	.036	27	19	.81	318	.02	2	1.50	.01	.11	1	1
L1200N 200E	1	4	7	25	.1	8	5	1194	1.33	2	5	ND	4	12	.3	2	4	12	.24	.040	15	10	.21	338	.05	3	1.28	.02	.13	1	1
L1200N 300E	1	8	2	12	.1	10	7	316	1.74	4	5	ND	8	8	.6	2	2	14	.13	.046	24	10	.32	137	.03	4	1.14	.02	.12	1	1
L1200N 400E	1	8	7	27	.1	15	6	470	1.82	2	5	ND	6	10	.6	2	2	15	.16	.145	22	18	.59	257	.03	5	1.48	.02	.11	1	1
L1200N 500E	1	8	4	29	.1	13	7	1247	1.88	3	5	ND	4	12	.5	2	2	12	.20	.093	18	18	.82	243	.03	5	1.54	.02	.11	1	2
L1200N 600E	1	6	2	32	.1	11	6	985	1.89	2	5	ND	6	14	.2	2	2	18	.21	.065	15	11	.30	371	.06	7	2.03	.02	.14	1	1
L1200N 700E	1	12	4	11	.2	12	7	302	1.53	4	5	ND	6	30	.8	2	2	10	3.09	.065	17	13	1.01	133	.01	6	.78	.04	.12	1	1
L1100N 900W	1	11	10	40	.1	13	7	621	2.08	3	5	ND	4	29	1.0	2	2	24	.39	.243	14	14	.50	282	.11	4	3.45	.03	.09	3	1
L1100N 800W	1	7	7	30	.1	14	6	534	2.08	3	5	ND	7	17	.5	2	2	17	.25	.111	19	14	.51	341	.06	6	2.26	.01	.10	3	1
L1100N 700W	1	8	6	20	.1	11	6	264	1.78	2	5	ND	8	7	.8	2	2	13	.15	.055	23	16	.70	93	.01	5	1.02	.01	.11	1	1
L1100N 600W	1	2	3	5	.1	15	5	202	1.18	2	5	ND	10	6	.2	2	2	7	.85	.058	29	25	1.57	82	.01	2	1.03	.01	.20	1	1
L1100N 500W	1	1	2	14	.1	12	4	293	1.02	2	5	ND	7	7	.2	2	2	9	1.10	.051	22	22	1.57	66	.01	4	1.13	.01	.30	1	2
L1100N 400W	1	4	5	15	.1	13	7	355	1.62	2	5	ND	7	11	.6	2	2	12	.23	.173	22	20	.81	288	.04	4	1.74	.02	.13	1	1
L1100N 300W	1	530	2	10	.3	14	5	367	1.30	2	5	ND	10	16	.4	3	9	9	2.53	.061	28	22	2.37	473	.01	3	.94	.01	.21	1	8
L1100N 200W	1	8	3	8	.1	21	6	126	1.51	2	5	ND	13	11	.4	2	2	11	.74	.061	30	26	1.65	256	.01	2	1.22	.01	.21	1	1
L1100N 100W	1	75	2	12	.1	20	8	251	1.70	2	5	ND	7	16	.2	2	2	9	1.48	.067	23	28	2.19	248	.01	4	1.32	.01	.18	2	2
L1100N 00	1	1	2	18	.1	8	4	176	1.27	2	5	ND	21	15	.4	2	2	8	1.21	.075	44	15	.77	293	.01	3	.68	.01	.21	1	2
L1100N 100E	1	4	3	18	.1	11	5	2318	1.96	3	5	ND	4	15	.7	2	3	11	.59	.124	12	12	.38	734	.03	6	1.25	.02	.18	1	2
L1100N 200E	1	4	5	17	.1	11	4	1149	1.53	2	5	ND	6	14	.3	2	2	14	.27	.046	18	11	.37	354	.05	4	1.59	.02	.11	2	1
L1100N 300E	1	5	8	17	.2	12	6	903	1.70	3	5	ND	5	13	.4	2	2	15	.19	.069	14	10	.28	282	.06	7	1.92	.03	.16	1	3
L1100N 400E	1	5	2	12	.1	11	6	300	1.57	2	5	ND	8	7	.6	2	2	12	.16	.053	27	14	.43	122	.02	4	1.06	.01	.13	1	1
L1100N 500E	1	8	10	33	.1	14	5	1076	1.72	2	5	ND	4	26	.6	2	2	16	.34	.341	11	13	.30	589	.08	4	2.60	.04	.11	4	2
L1100N 600E	1	6	11	28	.1	10	4	792	1.31	4	5	ND	2	17	.3	2	2	13	.22	.240	12	10	.26	334	.05	6	1.60	.02	.11	1	2
L1100N 700E	1	9	9	19	.2	15	6	790	1.91	5	5	ND	4	18	.7	2	2	15	.24	.309	12	10	.21	503	.07	6	2.34	.03	.11	1	3
L1100N 750E	1	10	2	16	.2	16	8	302	2.00	2	5	ND	4	8	.7	2	2	15	.47	.046	26	19	.78	116	.03	5	1.08	.01	.10	1	1
L1000N 1000W	1	6	8	24	.1	15	7	302	2.01	2	5	ND	7	11	.5	2	2	16	.18	.090	21	19	.89	187	.04	4	1.84	.01	.12	1	2
L1000N 900W	1	9	10	46	.1	14	6	1316	1.79	4	5	ND	4	21	.5	2	2	17	.56	.137	16	15	.71	429	.07	4	2.45	.03	.10	2	2
L1000N 800W	1	8	8	28	.1	14	6	776	2.16	3	5	ND	5	20	.9	2	2	20	.32	.062	18	16	.60	427	.07	5	2.36	.03	.11	2	2
STANDARD C/AU-S	18	62	41	135	7.4	73	31	1054	3.97	40	16	7	37	53	18.4	15	19	56	.51	.094	37	60	.89	179	.07	38	1.89	.06	.14	11	48

Bapty Research Limited PROJECT GOLD CK FILE # 90-3664

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
L1000N 700W	1	2	7	9	.2	11	4	338	1.27	2	5	ND	5	10	.5	6	2	6	2.47	.039	20	16	2.05	70	.01	3	.77	.01	.15	1	1
L1000N 600W	1	1	9	18	.2	15	6	348	1.26	2	5	ND	10	6	.5	4	2	8	1.34	.047	27	22	1.70	83	.01	4	1.10	.01	.23	1	2
L1000N 500W	1	1	2	14	.2	20	6	267	1.41	2	5	ND	9	6	.7	4	2	10	.73	.050	27	28	1.62	167	.01	5	1.43	.01	.32	1	1
L1000N 400W	1	1	5	17	.1	16	6	290	1.46	2	5	ND	9	10	.3	4	2	9	1.87	.049	25	22	2.03	140	.01	3	1.08	.01	.24	1	3
L1000N 300W	1	2	7	9	.1	16	6	319	1.28	2	5	ND	6	18	.2	4	2	7	2.25	.047	23	20	2.27	326	.01	3	1.19	.01	.20	1	3
L1000N 200W	1	16	6	15	.2	18	8	270	1.63	2	5	ND	12	22	.2	4	2	9	1.93	.069	33	31	2.32	407	.01	4	1.25	.01	.17	1	3
L1000N 100W	1	1	2	16	.2	21	8	287	1.84	2	5	ND	7	23	.7	5	2	8	1.99	.061	20	26	2.56	500	.01	4	1.42	.01	.16	1	2
L1000N 00	1	1	3	17	.1	12	5	308	1.49	2	5	ND	7	21	.2	2	2	9	2.06	.061	22	20	1.19	444	.01	6	.92	.01	.30	1	1
L1000N 100E	1	8	13	20	.2	19	7	466	1.82	3	5	ND	5	26	.4	2	2	23	.51	.054	17	12	.26	696	.09	10	2.95	.06	.22	1	3
L1000N 200E	1	6	3	22	.1	16	6	1288	1.79	2	5	ND	6	22	.2	2	2	15	.48	.099	21	12	.32	595	.05	6	1.75	.03	.15	1	1
L1000N 300E	1	4	11	13	.1	13	5	1895	1.63	2	5	ND	4	14	.5	2	2	16	.27	.057	11	11	.20	482	.05	3	1.75	.02	.09	2	1
L1000N 400E	1	7	8	32	.1	13	4	827	1.72	3	5	ND	4	28	.5	2	2	23	.37	.128	15	7	.18	361	.11	6	3.31	.05	.11	2	1
L1000N 500E	1	6	3	54	.1	10	8	2950	1.31	2	5	ND	1	30	.6	2	2	13	.63	.167	10	11	.19	974	.06	7	1.70	.04	.14	1	3
L1000N 600E	1	9	11	18	.2	15	7	471	2.18	2	5	ND	7	13	.8	2	2	17	.37	.078	21	9	.26	305	.04	7	1.58	.02	.11	2	1
L1000N 700E	1	5	4	47	.1	7	6	1539	1.41	2	5	ND	6	18	.2	2	2	11	.33	.159	24	11	.21	840	.03	7	1.17	.02	.21	1	4
L1000N 770E	1	6	2	15	.2	14	7	404	1.87	2	5	ND	8	6	.2	2	2	12	.29	.042	29	18	.70	120	.02	7	1.15	.01	.14	1	1
L900N 1000W	2	9	18	54	.1	17	7	2248	2.25	4	5	ND	3	20	.6	2	4	19	.34	.100	15	17	.61	501	.07	6	2.21	.02	.14	2	1
L900N 900W	1	9	3	48	.1	15	5	2009	1.84	3	5	ND	3	22	.4	2	2	17	.32	.188	13	13	.46	604	.07	6	2.42	.02	.12	2	4
L900N 800W	1	10	11	65	.1	18	6	1955	1.88	3	5	ND	3	29	.6	2	3	18	.26	.237	14	15	.38	672	.08	5	2.79	.04	.11	1	1
L900N 700W	1	8	11	43	.1	18	6	1138	2.06	5	5	ND	3	19	.6	2	2	15	.38	.093	19	17	.58	496	.04	4	1.87	.02	.11	1	1
L900N 600W	1	6	14	23	.2	17	6	637	1.53	2	5	ND	5	27	.5	4	2	13	.75	.136	17	29	1.02	667	.03	8	1.80	.02	.40	1	3
L900N 500W	1	8	3	63	.2	11	5	618	1.15	2	5	ND	3	21	.4	2	2	11	.99	.068	17	20	.91	542	.02	4	.88	.01	.16	1	1
L900N 400W	1	2	2	14	.1	16	5	433	1.49	2	5	ND	8	9	.5	2	2	10	.38	.040	26	23	.97	213	.02	5	1.27	.01	.21	1	1
L900N 300W	1	5	10	30	.1	18	7	1544	1.62	2	5	ND	7	19	.8	3	2	11	.75	.139	23	25	1.14	913	.03	5	1.49	.02	.21	1	1
L900N 200W	1	4	12	16	.2	17	7	550	1.59	2	5	ND	8	11	.2	2	2	10	.63	.053	27	24	1.15	443	.02	6	1.32	.01	.19	1	2
L900N 100W	1	18	8	19	.2	20	7	479	1.49	2	5	ND	9	11	.5	4	2	9	.36	.051	30	24	1.25	314	.02	4	1.53	.01	.14	1	1
L900N 00	1	4	3	47	.1	17	6	668	1.52	2	5	ND	5	16	.3	6	2	9	.60	.106	22	26	1.22	562	.02	2	1.33	.02	.15	1	2
L800N 900W	1	9	7	52	.1	15	5	1595	1.63	3	5	ND	4	26	.4	2	2	18	.37	.278	17	17	.50	555	.07	4	2.25	.03	.12	1	1
L800N 800W	1	9	18	77	.1	13	5	2539	1.60	3	5	ND	2	44	.5	2	2	15	.45	.636	9	11	.26	1637	.09	7	2.64	.04	.11	1	1
L800N 700W	1	8	9	81	.1	13	7	2149	1.59	4	5	ND	5	36	.8	2	2	14	.53	.317	18	19	.61	965	.06	5	1.89	.02	.18	1	1
L800N 600W	1	8	15	61	.1	10	5	2709	1.33	4	5	ND	1	34	.8	2	2	15	.46	.323	7	10	.18	992	.09	4	2.15	.03	.11	1	1
L800N 500W	1	6	2	19	.2	18	7	727	1.73	2	5	ND	10	7	.2	2	2	13	.22	.036	32	24	1.10	222	.03	2	1.72	.01	.15	1	3
L800N 400W	1	1	3	11	.1	18	7	278	1.66	2	5	ND	9	9	.3	5	2	10	.29	.041	33	25	1.27	255	.01	3	1.57	.01	.16	2	2
L800N 300W	1	7	15	40	.1	15	5	1204	1.52	2	5	ND	3	27	.2	2	2	13	.62	.280	13	21	.78	915	.05	7	1.95	.04	.20	1	3
L800N 200W	1	3	6	17	.2	16	5	312	1.68	4	5	ND	7	16	.3	2	2	14	.36	.028	22	21	.84	486	.05	5	2.12	.02	.12	1	2
L800N 100W	1	4	9	22	.1	13	6	602	1.64	2	5	ND	5	16	.2	2	2	12	.36	.092	21	19	.72	538	.04	5	1.93	.02	.16	1	3
STANDARD C/AU-S	19	62	40	135	7.4	73	31	1054	3.96	40	15	7	37	53	18.4	15	21	56	.51	.094	37	60	.88	180	.07	35	1.88	.06	.13	11	48

Bapty Research Limited PROJ.. .ſ GOLD CK FILE # 90-3664

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
L800N 00W	1	4	6	14	.1	7	5	530	1.06	2	5	ND	4	26	.2	2	2	3	.92	.050	16	5	.34	863	.01	3	.41	.01	.16	1	1
L600N 300E	1	7	12	13	.1	12	17	310	1.78	5	5	ND	6	10	.4	2	2	7	.37	.065	12	5	.41	321	.03	3	1.44	.01	.12	1	3
STS1	1	1	4	1	.1	10	6	262	.96	2	5	ND	9	5	.2	2	2	2	.46	.043	24	4	.31	92	.01	4	.40	.01	.11	1	2
STS2	1	1	2	1	.1	5	3	424	1.07	2	5	ND	5	17	.2	2	2	2	3.02	.044	16	3	1.62	151	.01	3	.33	.01	.12	1	7

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT GOLD CK File # 90-3587 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: M.BAPTY

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
L1300N 2300W	1	4	8	34	.3	10	5	194	1.54	2	5	ND	4	8	.2	2	3	11	.10	.050	15	9	.49	175	.06	4	1.28	.01	.10	1	1
L1300N 2200W	1	8	9	32	.2	11	5	256	1.49	2	5	ND	3	11	.2	2	3	12	.12	.036	12	10	.51	267	.06	3	1.61	.02	.13	1	1
L1300N 2100W	1	3	6	19	.3	7	3	325	1.26	3	5	ND	4	10	.2	2	2	11	.16	.013	10	9	.37	164	.05	3	1.10	.01	.09	1	390
L1300N 2000W	1	6	8	23	.3	11	5	134	1.75	2	5	ND	5	16	.2	2	3	15	.20	.021	11	10	.44	211	.07	2	1.80	.02	.13	1	1
L1200N 1600W	1	8	10	27	.2	11	5	217	1.38	2	5	ND	4	16	.2	2	2	15	.20	.133	16	9	.39	274	.08	4	1.84	.02	.09	1	1
L1200N 1500W	1	6	11	43	.1	9	4	362	1.10	4	5	ND	4	15	.2	4	2	12	.22	.054	14	8	.34	260	.06	4	1.31	.02	.09	1	1
L1200N 1400W	1	5	8	34	.2	11	4	141	1.23	3	5	ND	4	16	.2	2	2	12	.16	.137	14	8	.38	416	.06	4	1.43	.01	.07	1	2
L1200N 1300W	1	9	11	36	.1	11	4	331	1.42	4	5	ND	1	22	.3	3	3	19	.20	.141	6	8	.21	275	.14	4	2.87	.03	.06	1	3
L1200N 1200W	1	8	17	62	.2	14	6	203	2.00	2	5	ND	5	24	.2	4	2	22	.31	.206	6	12	.39	576	.15	4	3.46	.03	.10	1	1
L1200N 1100W	1	11	12	50	.2	13	5	281	1.60	7	5	ND	3	24	.2	3	2	21	.21	.192	5	10	.28	272	.14	3	2.88	.03	.08	1	1
L1200N 1000W	1	8	10	34	.1	13	5	164	1.59	6	5	ND	4	21	.2	4	2	16	.21	.114	8	10	.34	316	.10	2	2.28	.02	.06	1	1
L1100N 2300W	1	5	7	37	.1	9	5	252	1.46	3	5	ND	3	10	.2	2	2	11	.19	.030	14	8	.47	248	.05	2	1.28	.01	.13	1	1
L1100N 2200W	1	6	7	29	.2	10	4	160	1.51	4	5	ND	6	8	.2	2	2	13	.11	.020	17	11	.51	215	.05	2	1.25	.01	.08	1	3
L1100N 2100W	1	7	8	26	.3	10	5	175	1.59	2	5	ND	5	8	.2	2	2	13	.11	.021	17	11	.46	177	.05	3	1.27	.01	.08	1	2
L1100N 2000W	1	4	7	16	.1	9	4	95	1.52	4	5	ND	8	8	.2	2	2	11	.14	.023	22	9	.45	124	.05	3	1.13	.01	.10	1	2
L1100N 1900W	1	5	4	26	.2	7	3	292	1.20	4	5	ND	3	13	.2	2	2	9	.28	.020	11	7	.33	146	.05	5	1.16	.01	.10	1	2
L1100N 1800W	1	6	8	21	.2	10	4	233	1.83	5	5	ND	5	11	.2	2	3	16	.16	.027	13	9	.42	157	.07	2	1.61	.01	.10	1	1
L1100N 1700W	1	10	7	41	.2	12	6	240	1.82	4	5	ND	4	18	.2	3	4	13	.40	.028	12	9	.39	418	.09	6	2.28	.02	.12	1	1
L1100N 1600W	1	5	7	29	.3	6	3	438	.98	5	5	ND	3	11	.2	2	2	10	.18	.019	15	7	.36	234	.04	2	1.03	.01	.10	1	2
L1100N 1500W	1	3	4	26	.2	8	3	141	1.02	3	5	ND	3	10	.2	2	2	9	.13	.038	14	7	.35	239	.04	2	1.11	.01	.08	1	3
L1100N 1400W	1	8	4	38	.2	10	4	381	1.12	4	5	ND	2	22	.2	2	2	13	.29	.134	8	8	.29	377	.07	3	1.48	.02	.07	1	1
L1100N 1300W	1	7	9	39	.1	10	4	553	1.23	5	5	ND	1	22	.2	3	2	16	.25	.160	3	8	.23	444	.11	3	2.04	.03	.08	1	1
L1100N 1200W	1	4	12	61	.3	14	5	178	1.88	3	5	ND	5	15	.2	2	2	15	.21	.160	11	11	.45	666	.09	4	2.51	.02	.13	1	3
L1100N 1100W	1	11	12	45	.1	13	5	134	1.72	7	5	ND	3	22	.2	3	2	20	.21	.172	9	10	.34	234	.12	4	2.71	.03	.08	1	4
L1100N 1000W	1	6	10	31	.2	8	4	203	1.27	5	5	ND	3	15	.2	2	2	14	.18	.069	13	8	.33	186	.05	2	1.13	.01	.07	1	1
L1000N 2300W	1	5	6	29	.2	9	4	276	1.34	4	5	ND	2	13	.2	2	2	12	.20	.026	9	8	.40	236	.06	2	1.45	.02	.13	1	4
L1000N 2200W	1	4	9	26	.1	7	3	191	1.14	6	5	ND	1	9	.2	2	2	10	.14	.026	13	8	.41	193	.04	2	.98	.01	.08	1	1
L1000N 2100W	1	6	3	20	.2	9	4	152	1.35	3	5	ND	4	13	.2	2	2	11	.14	.032	14	9	.36	275	.06	2	1.41	.02	.09	1	4
L1000N 2000W	1	6	2	19	.2	7	3	251	1.26	7	5	ND	5	9	.2	2	2	9	.13	.020	16	9	.38	206	.04	2	.96	.01	.10	1	5
L1000N 1900W	1	5	5	17	.1	9	4	112	1.38	5	5	ND	4	8	.2	2	2	11	.12	.020	18	8	.39	149	.06	2	1.37	.01	.09	1	1
L1000N 1800W	1	7	5	27	.2	10	4	277	1.52	3	5	ND	4	13	.2	2	2	12	.27	.029	15	8	.38	227	.07	2	1.58	.01	.14	1	4
L1000N 1700W	1	12	6	31	.2	13	5	196	1.55	8	5	ND	4	21	.4	4	2	18	.22	.129	9	9	.33	380	.10	3	2.13	.03	.11	1	4
L1000N 1600W	1	11	8	29	.3	16	5	281	1.50	7	5	ND	3	19	.2	5	2	19	.22	.086	8	9	.28	314	.11	3	2.39	.03	.08	1	2
L1000N 1500W	1	8	7	36	.3	11	4	166	1.26	7	5	ND	4	14	.2	3	2	12	.11	.305	10	8	.32	551	.09	2	1.97	.02	.07	1	4
L1000N 1400W	1	8	10	33	.3	13	5	114	1.65	5	5	ND	5	15	.2	4	2	14	.18	.055	16	11	.49	447	.09	3	2.56	.02	.10	1	4
L1000N 1300W	1	9	9	50	.2	14	5	201	1.61	5	5	ND	2	26	.2	2	2	18	.28	.127	8	9	.34	464	.12	4	2.50	.03	.08	1	1
L1000N 1200W	1	6	10	58	.3	11	5	622	1.56	7	5	ND	2	17	.2	2	2	15	.24	.149	8	9	.37	484	.08	3	2.13	.02	.09	1	5
STANDARD C/AU-S	19	60	35	131	7.0	72	31	1045	3.94	41	16	8	38	52	18.5	15	19	57	.51	.090	37	58	.89	187	.09	34	1.89	.06	.14	11	47

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: Soil -80 Mesh AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 17 1990 **DATE REPORT MAILED:** Aug 22/90. **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
L1000N 1100W	1	3	2	11	.1	5	2	214	.84	6	5	ND	4	7	.2	2	2	7	.12	.013	15	6	.36	108	.03	2	.73	.01	.09	1	4
L1000N 1000W	1	9	13	34	.4	13	5	372	1.64	3	9	ND	3	24	.2	2	3	17	.26	.202	9	8	.33	285	.10	3	2.36	.03	.12	1	15
L900N 2000W	1	3	5	19	.1	6	3	326	1.17	3	5	ND	3	10	.2	2	4	9	.18	.029	15	7	.34	158	.05	3	1.09	.01	.13	1	2
L900N 1900W	1	6	6	23	.1	9	4	121	1.50	3	5	ND	5	9	.2	2	3	11	.11	.031	22	11	.43	183	.06	4	1.46	.01	.15	1	1
L900N 1800W	1	6	9	23	.1	10	4	222	1.64	5	5	ND	4	18	.2	2	2	13	.28	.022	18	10	.46	246	.08	2	1.94	.02	.13	1	1
L900N 1700W	1	7	12	34	.1	10	4	292	1.37	3	5	ND	3	15	.2	3	3	13	.18	.061	13	9	.39	328	.09	4	2.18	.02	.13	1	3
L900N 1600W	1	14	8	35	.1	14	6	218	1.63	3	5	ND	3	18	.2	2	4	17	.22	.169	9	10	.34	357	.11	3	2.43	.03	.11	1	1
L900N 1500W	1	8	9	48	.1	10	4	428	1.29	2	5	ND	1	19	.2	2	3	13	.23	.243	8	9	.34	480	.08	4	1.85	.02	.13	1	3
L900N 1400W	1	12	11	37	.1	12	4	255	1.38	7	6	ND	2	23	.2	3	3	19	.23	.145	11	9	.31	312	.11	3	2.43	.04	.08	1	1
L900N 1300W	1	8	8	56	.2	10	4	376	1.39	4	9	ND	2	18	.2	2	2	13	.24	.161	8	9	.39	413	.08	3	1.98	.02	.13	1	2
L900N 1200W	1	7	10	34	.2	11	4	272	1.47	2	9	ND	3	17	.2	2	2	14	.18	.042	12	10	.41	305	.08	4	1.92	.02	.09	1	1
L900N 1100W	1	5	8	34	.1	12	4	131	1.63	3	5	ND	3	20	.2	2	2	14	.25	.041	13	9	.45	217	.08	5	2.08	.02	.11	1	4
L900N 1000W	1	8	12	50	.2	13	6	389	1.72	4	5	ND	4	21	.2	2	2	16	.29	.166	7	10	.40	394	.08	4	2.24	.02	.11	1	8
L900N 100E	1	7	9	28	.1	12	7	590	1.71	4	5	ND	3	21	.2	2	2	15	.40	.032	10	8	.28	587	.11	8	2.36	.03	.21	1	1
L900N 200E	1	6	10	28	.2	12	5	421	1.39	5	5	ND	2	25	.2	2	2	17	.34	.045	4	8	.24	495	.11	6	2.48	.04	.16	1	1
L900N 300E	1	10	12	72	.2	16	6	840	1.59	7	6	ND	2	26	.2	2	2	23	.47	.121	6	9	.26	605	.13	6	2.30	.04	.12	1	2
L900N 400E	1	11	7	32	.1	19	6	153	1.67	6	5	ND	3	29	.2	3	3	20	.31	.142	7	7	.25	584	.15	6	3.04	.05	.08	1	3
L900N 500E	1	4	8	17	.2	9	4	95	1.22	4	10	ND	5	8	.2	2	2	10	.12	.036	16	8	.34	185	.04	3	1.29	.01	.08	1	3
L900N 600E	1	5	6	20	.1	11	4	141	1.32	3	5	ND	3	16	.2	2	2	13	.19	.022	14	8	.33	218	.06	2	1.79	.02	.06	1	4
L900N 710E	1	6	6	13	.2	9	4	186	1.43	6	7	ND	6	6	.2	2	2	10	.15	.018	22	9	.52	95	.04	2	1.11	.01	.10	1	1
L800N 100E	1	11	15	33	.1	13	11	754	1.67	5	5	ND	2	19	.2	2	2	11	.71	.051	15	5	.38	515	.05	7	1.46	.01	.21	1	1
L800N 200E	1	6	9	23	.1	11	4	148	1.35	3	6	ND	6	10	.2	2	2	11	.19	.012	17	8	.30	258	.05	2	1.17	.01	.06	1	1
L800N 201E	1	6	13	22	.1	7	4	693	1.14	4	5	ND	2	16	.2	2	2	16	.43	.015	11	6	.25	360	.05	2	.82	.02	.08	1	1
L800N 300E	1	6	7	23	.1	10	4	163	1.20	9	5	ND	1	20	.2	2	2	15	.29	.100	3	6	.18	269	.10	3	2.00	.04	.07	1	1
L800N 400E	1	6	11	29	.1	11	5	438	1.31	5	5	ND	1	20	.2	3	3	16	.35	.020	5	7	.22	609	.10	6	1.95	.04	.11	1	3
L800N 490E	1	11	7	30	.1	6	5	523	1.09	4	5	ND	2	19	.2	2	2	19	.79	.029	7	6	.20	205	.05	3	.55	.03	.07	1	1
L800N 500E	1	10	8	25	.2	14	5	182	1.31	7	8	ND	2	30	.2	3	2	16	.37	.165	4	6	.23	281	.13	4	2.61	.05	.09	1	2
L800N 600E	1	6	10	24	.1	14	5	222	1.72	4	5	ND	5	19	.2	3	2	17	.24	.026	9	8	.27	385	.10	3	2.70	.03	.09	1	1
L800N 670E	1	5	4	9	.1	9	5	129	1.57	6	7	ND	8	13	.2	3	2	13	.20	.012	16	7	.27	211	.05	3	1.42	.02	.09	1	1
BL700N 900W	1	6	7	39	.1	11	4	394	1.26	7	5	ND	2	25	.2	2	2	14	.31	.201	7	9	.29	527	.09	4	1.76	.03	.10	1	1
BL700N 800W	1	7	10	39	.1	13	5	194	1.68	8	5	ND	4	17	.2	2	3	18	.17	.119	13	12	.46	399	.10	3	2.43	.03	.08	1	1
BL700N 700W	1	9	12	48	.1	10	4	566	1.23	6	5	ND	1	22	.3	2	2	17	.22	.124	6	9	.24	349	.10	3	1.97	.03	.08	1	1
BL700N 600W	1	8	11	47	.1	14	6	191	1.78	8	5	ND	3	17	.2	3	2	20	.19	.089	12	11	.41	373	.09	3	2.38	.02	.09	1	1
BL700N 500W	1	3	2	19	.1	18	8	580	2.65	5	5	ND	8	16	.2	2	2	7	1.08	.083	19	15	.96	363	.01	3	.96	.01	.19	1	1
BL700N 400W	1	6	10	35	.2	14	5	235	1.74	6	6	ND	5	14	.2	3	2	16	.24	.052	13	11	.42	507	.09	4	2.49	.02	.10	1	1
BL700N 300W	1	7	9	31	.1	13	5	162	1.28	4	8	ND	2	31	.2	2	2	16	.39	.234	6	8	.27	657	.11	3	2.21	.04	.09	1	1
BL700N 200W	1	4	8	20	.1	10	4	216	1.14	7	9	ND	2	23	.2	2	2	15	.25	.083	7	7	.23	337	.10	2	1.97	.04	.08	1	1
STANDARD C/AU-S	18	59	37	131	6.8	70	31	1044	3.95	41	18	8	39	52	18.4	14	19	55	.51	.090	35	57	.91	182	.09	33	1.88	.06	.14	12	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
BL700N 100W	1	6	17	38	.1	13	7	235	1.85	2	5	ND	4	24	.2	2	2	20	.37	.075	11	10	.36	593	.11	3	2.88	.03	.10	1	1
BL700N 000W	1	6	13	18	.1	9	5	104	1.53	2	5	ND	2	14	.2	2	2	12	.27	.007	14	6	.29	258	.07	4	1.78	.02	.10	1	2
BL700N 100E	1	25	12	18	.1	12	11	477	2.14	3	5	ND	1	23	.3	2	2	3	1.95	.058	11	3	.83	434	.01	9	.52	.01	.13	1	1
BL700N 200E	1	6	12	46	.2	14	4	256	1.36	2	5	ND	2	17	.2	2	3	14	.18	.123	10	9	.27	462	.08	4	1.89	.03	.09	1	1
BL700N 300E	1	5	10	28	.1	14	5	92	1.54	2	5	ND	3	11	.2	2	2	13	.17	.047	12	10	.38	319	.07	2	1.78	.02	.09	1	1
BL700N 400E	1	5	10	20	.1	15	5	121	1.31	2	5	ND	2	19	.2	2	2	13	.26	.061	5	7	.25	383	.09	10	1.96	.03	.14	1	1
BL700N 500E	1	4	9	15	.2	11	5	117	1.72	2	5	ND	6	10	.2	2	2	14	.34	.013	17	8	.36	197	.05	3	1.38	.01	.11	1	4
BL700N 600E	1	5	13	26	.1	13	5	128	1.52	2	5	ND	1	16	.2	2	2	14	.26	.025	9	7	.32	261	.09	4	2.11	.02	.11	1	1
BL700N 615E	1	8	17	26	.1	12	4	163	1.35	2	5	ND	4	25	.3	2	2	18	.25	.066	5	8	.20	200	.14	3	2.77	.05	.09	1	1
BL600N 900W	1	7	17	37	.2	14	6	409	2.02	2	5	ND	5	16	.3	2	2	22	.16	.023	15	12	.52	280	.11	2	2.79	.01	.10	1	1
BL600N 800W	1	12	15	44	.1	14	6	424	1.87	2	5	ND	3	17	.2	2	2	22	.15	.099	14	12	.46	349	.11	6	2.79	.03	.10	1	1
BL600N 700W	1	5	8	37	.1	12	5	171	1.50	3	5	ND	6	12	.2	2	2	14	.15	.067	20	11	.48	220	.05	4	1.22	.01	.08	1	1
BL600N 600W	1	9	17	53	.1	13	5	223	1.66	2	6	ND	3	28	.2	2	2	22	.32	.261	8	9	.31	362	.15	7	3.03	.03	.10	1	1
BL600N 500W	1	10	11	59	.2	10	5	889	1.34	5	5	ND	1	32	.3	2	2	19	.47	.174	4	10	.27	650	.11	6	2.03	.04	.08	1	1
BL600N 400W	1	4	12	19	.1	9	5	763	1.37	2	5	ND	6	12	.2	2	2	14	.21	.017	20	9	.39	289	.06	2	1.22	.01	.10	1	5
BL600N 300W	1	5	15	47	.2	11	5	410	1.56	2	5	ND	3	19	.2	2	2	18	.24	.177	11	10	.28	501	.12	4	2.36	.03	.10	1	6
BL600N 200W	1	6	14	57	.2	17	9	185	1.80	5	5	ND	3	17	.2	2	2	20	.25	.150	9	11	.33	564	.12	4	2.46	.02	.11	1	3
BL600N 100W	1	7	11	35	.1	12	5	205	1.44	5	5	ND	1	24	.2	2	2	19	.31	.076	7	9	.24	421	.13	4	2.60	.04	.09	1	3
BL600N 000W	1	8	15	35	.1	14	5	158	1.77	4	5	ND	4	13	.2	2	2	19	.15	.107	9	9	.27	296	.10	3	2.34	.03	.08	1	2
BL600N 100E	1	5	17	27	.2	14	5	155	1.58	2	5	ND	3	18	.2	2	2	16	.25	.034	9	8	.28	408	.11	5	2.62	.03	.09	1	1
BL600N 200E	1	5	4	12	.1	8	4	56	1.22	2	5	ND	6	4	.2	2	2	9	.09	.018	24	7	.28	124	.02	2	.79	.01	.06	1	1
BL600N 400E	1	12	17	18	.1	19	9	302	3.57	6	5	ND	7	10	.2	3	2	21	.42	.019	17	10	.43	136	.05	8	1.91	.01	.11	1	1
BL600N 500E	1	10	18	16	.2	15	6	264	3.09	10	6	ND	6	12	.2	3	2	19	.39	.013	18	10	.39	148	.07	5	2.16	.01	.09	1	2
BL600N 600E	1	7	14	25	.1	15	5	145	1.77	5	5	ND	4	15	.3	2	3	17	.19	.032	13	10	.36	269	.09	4	2.22	.02	.10	1	1
BL400N 100E	1	6	11	44	.1	10	4	340	1.62	3	5	ND	2	12	.2	2	2	15	.17	.067	9	8	.27	299	.07	3	1.58	.02	.09	1	1
BL400N 200E	1	9	10	17	.1	13	4	97	1.95	8	5	ND	6	8	.2	2	2	15	.11	.016	17	9	.31	168	.05	4	1.30	.01	.07	1	1
BL400N 300E	1	5	9	26	.2	10	4	228	1.39	2	5	ND	3	11	.2	2	4	15	.12	.087	8	9	.28	227	.07	4	1.63	.02	.06	1	1
BL400N 400E	1	8	13	21	.2	27	7	187	1.66	5	5	ND	5	12	.2	2	2	15	.14	.037	15	9	.33	207	.07	4	1.89	.01	.11	1	1
BL400N 555E	1	8	12	18	.2	19	9	397	4.96	5	5	ND	7	14	.2	3	2	21	.42	.032	21	11	.39	139	.08	5	2.45	.02	.13	1	2
BL300N 1600W	1	6	11	48	.2	6	3	539	.99	2	5	ND	1	17	.2	2	2	13	.20	.117	6	8	.20	420	.07	3	1.07	.02	.10	1	1
LN500N 100E	1	5	15	25	.2	14	5	172	1.66	4	5	ND	5	11	.2	2	2	17	.17	.057	12	10	.30	318	.09	2	2.38	.02	.08	1	2
LN500N 200E	1	9	15	37	.1	15	6	192	1.89	7	5	ND	4	15	.3	2	2	20	.19	.149	10	10	.33	396	.11	4	2.82	.03	.08	1	4
LN500N 300E	1	8	16	37	.1	17	7	266	2.29	3	5	ND	4	20	.2	2	2	21	.25	.106	10	10	.34	590	.14	4	3.13	.03	.10	1	2
LN500N 400E	1	8	15	14	.1	12	5	122	1.92	5	5	ND	6	10	.3	2	2	14	.18	.011	19	8	.37	133	.06	2	1.53	.02	.07	1	4
LN500N 500E	1	12	10	15	.1	13	6	975	3.09	9	5	ND	6	12	.2	2	2	18	.50	.016	13	9	.35	214	.06	12	1.38	.02	.09	1	1
LN500N 600E	1	24	13	19	.1	16	8	1247	4.29	8	5	ND	9	11	.2	2	2	20	.66	.027	32	10	.36	171	.06	39	1.79	.01	.13	1	2
STANDARD C/AU-S	18	59	41	131	7.0	71	31	1045	3.95	39	20	7	40	52	18.6	14	21	56	.51	.090	36	57	.91	183	.09	41	1.88	.06	.14	13	47

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3498 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: LOUISE ECCLES

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
L800N 2000W	1	7	2	23	.1	7	4	185	1.34	2	5	ND	5	6	.2	2	2	7	.20	.017	21	8	.47	117	.04	2	1.03	.01	.10	2	4
L800N 1900W	1	6	2	16	.1	7	4	148	1.15	2	5	ND	6	7	.2	2	2	6	.23	.022	22	8	.50	105	.03	4	.82	.01	.10	2	6
L800N 1800W	1	7	9	32	.1	11	5	364	1.66	3	5	ND	3	15	.2	2	2	11	.34	.041	14	9	.45	268	.07	3	1.87	.02	.18	1	7
L800N 1700W	1	5	2	25	.1	7	3	328	1.13	3	5	ND	3	8	.2	3	2	7	.24	.021	21	7	.48	183	.04	3	.99	.01	.11	1	7
L800N 1600W	1	6	13	25	.1	9	4	191	1.35	3	5	ND	2	12	.2	2	2	10	.20	.018	13	8	.46	208	.07	2	1.71	.02	.11	2	8
L800N 1500W	1	7	6	31	.1	11	4	222	1.53	3	5	ND	2	13	.2	2	2	12	.24	.026	12	8	.47	298	.08	2	2.14	.02	.11	2	4
L800N 1400W	1	12	2	35	.1	11	4	162	1.54	3	5	ND	2	18	.7	2	2	16	.25	.122	6	8	.31	286	.12	2	2.69	.03	.09	1	6
L800N 1300W	1	9	3	43	.1	11	5	435	1.63	4	5	ND	2	16	.2	2	2	13	.28	.065	10	10	.46	465	.09	2	2.44	.02	.11	1	2
L800N 1200W	1	10	8	50	.1	13	5	206	1.76	6	5	ND	2	15	.2	2	2	14	.15	.158	10	8	.44	407	.08	2	2.21	.02	.11	1	4
L800N 1100W	1	9	4	33	.2	14	5	109	1.84	2	5	ND	4	21	.2	2	2	15	.31	.164	6	8	.39	331	.11	2	2.91	.03	.10	1	11
L800N 1000W	1	6	8	30	.1	10	4	231	1.51	4	5	ND	3	14	.2	2	2	12	.17	.034	10	9	.41	270	.07	2	1.80	.02	.10	1	9
L700N 2000W	1	7	6	21	.1	7	3	204	1.16	2	5	ND	1	10	.2	2	2	11	.14	.050	11	6	.30	187	.06	2	1.47	.02	.12	1	7
L700N 1900W	1	5	4	19	.1	6	3	257	1.21	3	5	ND	3	9	.2	3	2	8	.16	.024	16	6	.36	196	.05	2	1.18	.01	.11	1	4
L700N 1800W	1	5	2	29	.1	10	4	236	1.44	6	5	ND	3	14	.2	2	2	11	.21	.043	12	8	.39	295	.08	4	1.92	.02	.14	1	5
L700N 1700W	1	6	7	27	.1	9	4	52	1.28	4	5	ND	4	8	.2	3	2	9	.14	.030	20	10	.48	98	.04	2	1.19	.01	.10	2	6
L700N 1600W	1	10	8	47	.1	12	4	195	1.52	2	5	ND	2	20	.2	2	2	15	.28	.133	7	8	.33	333	.12	2	2.37	.03	.12	1	2
L700N 1500W	1	9	13	47	.2	13	5	148	1.69	3	5	ND	4	20	.5	2	2	14	.28	.091	9	10	.45	438	.11	3	2.56	.03	.17	1	3
L700N 1400W	1	8	10	66	.1	12	5	353	1.46	3	5	ND	1	18	.2	2	2	14	.22	.136	8	8	.35	476	.10	3	2.13	.03	.12	1	1
L700N 1300W	1	7	8	52	.1	12	5	178	1.65	2	5	ND	5	10	.2	2	2	14	.11	.046	13	10	.49	235	.06	2	1.65	.01	.08	1	1
L700N 1200W	1	5	7	59	.1	11	5	456	1.60	3	5	ND	3	12	.2	2	2	15	.17	.028	10	9	.46	277	.07	2	1.63	.01	.08	1	6
L700N 1100W	1	9	6	46	.1	14	5	258	1.71	2	5	ND	4	17	.2	2	2	15	.19	.119	11	10	.42	467	.09	2	2.19	.02	.09	1	1
L700N 1000W	1	8	6	54	.2	15	6	309	2.17	2	5	ND	3	22	.4	2	2	19	.29	.057	8	11	.49	481	.13	2	3.52	.03	.15	1	3
L600N 2000W	1	10	5	57	.1	15	5	250	1.76	3	5	ND	3	17	.2	2	2	16	.20	.145	9	9	.38	458	.12	2	2.57	.03	.10	1	1
L600N 1900W	1	6	7	25	.1	10	4	99	1.42	2	5	ND	3	9	.2	3	2	10	.15	.030	17	8	.46	145	.06	2	1.51	.01	.10	1	3
L600N 1800W	1	8	7	46	.1	12	4	98	1.61	2	5	ND	5	12	.2	2	2	12	.11	.147	11	8	.41	331	.09	2	2.14	.02	.10	1	5
L600N 1700W	1	7	3	39	.1	9	4	265	1.28	2	5	ND	1	17	.2	2	2	12	.21	.143	7	7	.33	440	.09	2	1.90	.02	.10	2	18
L600N 1600W	1	8	8	41	.1	11	4	497	1.28	6	5	ND	1	16	.2	2	2	13	.15	.101	6	6	.28	293	.10	2	1.90	.03	.08	1	5
L600N 1500W	1	8	6	55	.2	11	4	240	1.47	2	5	ND	3	17	.2	2	2	12	.16	.230	7	9	.34	577	.08	2	1.97	.02	.11	1	7
L600N 1400W	1	8	15	61	.2	12	5	353	1.63	4	5	ND	3	18	.2	2	2	14	.17	.252	9	10	.36	487	.09	2	2.13	.02	.10	1	11
L600N 1300W	1	9	8	62	.1	13	5	312	1.61	4	5	ND	3	21	.2	2	2	15	.26	.151	9	7	.39	398	.08	4	1.87	.02	.10	1	3
L600N 1200W	1	10	8	64	.2	15	6	446	2.11	2	5	ND	4	18	.2	2	2	22	.24	.141	11	12	.44	347	.13	2	3.16	.02	.10	1	1
L600N 1100W	1	6	9	45	.1	11	4	357	1.53	2	5	ND	2	13	.2	4	2	14	.15	.057	10	10	.44	423	.07	2	1.85	.02	.08	1	1
L600N 1000W	1	6	12	48	.2	12	5	427	1.88	3	5	ND	2	12	.2	2	2	16	.18	.045	14	12	.55	281	.08	2	2.03	.01	.11	1	2
L500N 2000W	1	5	13	40	.1	13	4	262	1.49	4	5	ND	5	15	.2	2	2	13	.15	.155	13	9	.39	291	.09	2	2.02	.02	.11	1	2
L500N 1900W	1	7	8	41	.1	11	4	277	1.37	3	5	ND	1	21	.2	2	2	13	.22	.165	7	8	.33	391	.09	2	1.91	.03	.10	1	1
L500N 1800W	1	4	6	31	.1	7	3	313	1.02	2	5	ND	1	10	.2	2	2	8	.15	.032	13	6	.37	145	.05	2	1.13	.02	.09	2	1
STANDARD C/AU-S	18	58	44	132	7.0	69	32	1047	3.95	40	16	7	36	52	18.5	15	22	56	.52	.091	37	55	.89	180	.09	32	1.87	.06	.13	14	48

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-P4 Soil P5 Rock P6 Pan Con P7 Silt AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 14 1990 DATE REPORT MAILED: Aug 22/90. SIGNED BY C. Leong ..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
L500N 1700W	1	7	10	42	.1	11	5	224	1.52	2	5	ND	3	17	.2	2	3	15	.27	.085	10	12	.34	382	.07	6	2.29	.02	.11	2	3
L500N 1600W	1	7	2	38	.1	13	4	264	1.30	2	5	ND	3	33	.2	2	2	14	.20	.283	11	11	.28	259	.08	5	1.95	.02	.10	2	3
L500N 1500W	1	7	4	42	.1	15	4	267	1.26	2	5	ND	2	20	.2	2	2	16	.22	.149	8	11	.24	396	.07	7	1.74	.02	.09	1	1
L500N 1400W	1	7	5	49	.1	6	3	231	1.18	2	5	ND	2	17	.2	2	2	15	.16	.181	8	11	.22	476	.07	6	1.68	.02	.08	1	1
L500N 1300W	1	7	6	60	.1	14	5	205	1.34	2	5	ND	3	16	.2	2	2	17	.16	.126	9	9	.24	441	.08	5	1.93	.02	.07	1	1
L500N 1200W	1	7	4	28	.1	13	4	109	1.47	2	5	ND	3	15	.2	2	2	17	.24	.087	12	13	.34	379	.08	2	2.46	.02	.09	1	4
L500N 1100W	1	8	10	30	.1	9	4	209	1.31	2	5	ND	2	18	.2	2	2	17	.19	.156	6	9	.20	412	.09	4	2.10	.03	.05	3	287
L500N 1000W	1	9	2	34	.1	13	4	307	1.40	3	5	ND	2	15	.2	2	4	17	.16	.199	9	10	.25	387	.08	2	2.27	.02	.06	2	4
L400N 2000W	1	5	2	32	.2	6	3	192	1.00	2	5	ND	2	9	.2	2	2	10	.15	.023	11	9	.26	139	.05	7	1.22	.01	.07	1	1
L400N 1900W	1	8	10	44	.1	11	5	179	1.50	2	5	ND	3	12	.2	2	2	13	.15	.134	13	14	.38	367	.06	5	2.05	.01	.12	1	1
L400N 1800W	1	6	14	56	.1	9	3	368	1.26	2	5	ND	2	15	.2	2	4	14	.17	.125	10	10	.29	448	.07	3	1.92	.02	.11	1	1
L400N 1700W	1	4	4	30	.1	8	3	194	1.15	2	5	ND	3	11	.2	2	2	12	.13	.067	12	11	.31	250	.05	5	1.52	.02	.10	1	1
L400N 1600W	1	7	2	45	.1	10	4	278	1.25	2	6	ND	2	16	.2	2	2	13	.18	.105	10	10	.29	398	.06	5	1.59	.02	.09	1	1
L400N 1500W	1	6	2	52	.1	13	3	217	1.19	3	5	ND	2	17	.2	2	2	13	.21	.138	9	10	.26	375	.06	7	1.78	.02	.09	1	1
L400N 1400W	1	9	7	48	.1	13	5	334	1.41	4	5	ND	3	18	.2	2	2	16	.25	.165	9	9	.26	445	.08	4	2.29	.02	.09	2	1
L400N 1300W	1	9	2	43	.1	11	4	205	1.50	2	5	ND	3	24	.3	2	2	17	.20	.298	8	10	.23	262	.09	4	2.36	.02	.07	1	1
L400N 1200W	1	7	2	38	.1	9	3	186	1.11	3	5	ND	2	16	.2	2	2	15	.16	.129	7	8	.16	246	.07	5	1.80	.02	.06	1	1
L400N 1100W	1	7	12	37	.1	14	4	283	1.21	2	8	ND	2	16	.2	2	2	14	.19	.147	9	11	.23	463	.07	6	1.76	.02	.06	1	34
L400N 1000W	1	8	4	31	.1	14	4	205	1.32	2	5	ND	3	16	.2	2	2	17	.19	.099	12	11	.26	383	.07	2	1.78	.02	.07	1	3
L300N 2000W	1	5	8	42	.1	7	4	113	1.21	2	5	ND	3	12	.2	2	2	10	.21	.080	14	12	.37	286	.06	5	1.92	.01	.11	2	8
L300N 1900W	1	10	2	49	.1	13	5	186	1.57	3	5	ND	3	15	.2	2	2	20	.18	.121	11	13	.29	210	.09	4	2.57	.02	.10	1	8
L300N 1800W	1	8	5	57	.1	13	4	296	1.24	3	7	ND	2	23	.2	2	2	16	.25	.228	7	6	.18	337	.09	5	2.39	.03	.08	1	1
L300N 1700W	1	4	7	34	.1	12	3	113	1.24	5	5	ND	3	12	.2	2	2	11	.12	.034	14	10	.34	221	.06	3	1.59	.01	.10	1	3
BL 500N 1000W	1	7	10	38	.1	9	4	611	1.30	2	6	ND	2	20	.5	2	2	16	.24	.115	9	10	.28	436	.07	7	1.94	.02	.07	1	7
BL 500N 900W	1	8	8	29	.1	11	4	303	1.36	4	5	ND	2	20	.2	2	2	20	.24	.228	6	9	.18	396	.11	6	2.71	.03	.07	1	1
BL 500N 800W	1	4	2	33	.1	7	3	779	1.21	3	5	ND	2	11	.2	2	2	13	.13	.027	12	12	.29	307	.05	3	1.52	.01	.07	1	1
BL 500N 700W	1	8	9	59	.1	13	5	451	1.64	2	5	ND	3	11	.2	2	2	21	.11	.144	10	14	.32	319	.08	3	2.35	.02	.07	1	1
BL 500N 600W	1	17	10	34	.1	10	4	203	1.40	3	5	ND	2	18	.2	2	3	19	.19	.103	8	10	.24	405	.09	4	2.40	.03	.06	1	2
BL 500N 500W	1	5	2	23	.1	9	3	180	1.17	2	5	ND	3	14	.2	2	2	14	.16	.088	10	9	.17	286	.07	2	1.79	.02	.07	1	4
BL 500N 400W	1	5	2	20	.1	6	4	577	1.18	2	5	ND	6	10	.2	2	2	11	.23	.016	22	8	.21	345	.04	7	1.10	.01	.09	1	1
BL 500N 300W	1	6	10	19	.1	10	4	167	1.57	2	5	ND	2	18	.2	2	2	15	.32	.011	8	11	.21	408	.09	5	2.54	.03	.08	1	1
BL 500N 200W	1	4	6	13	.1	9	4	80	1.15	4	5	ND	5	7	.2	2	2	11	.14	.042	20	7	.17	275	.04	2	1.37	.01	.05	1	2
BL 500N 100W	1	5	2	50	.1	8	4	371	1.32	5	5	ND	2	11	.2	2	2	15	.18	.234	9	11	.19	652	.07	5	1.80	.02	.07	1	1
BL 500N 00W	1	4	9	22	.1	10	4	91	1.36	2	5	ND	3	8	.2	2	2	13	.14	.048	15	9	.21	318	.05	4	1.84	.01	.06	2	1
BL 400N 900W	1	9	4	27	.1	12	4	387	1.30	2	5	ND	3	14	.3	2	2	16	.17	.190	11	11	.25	404	.07	2	1.85	.02	.06	2	1
BL 400N 800W	1	7	5	45	.1	12	4	237	1.58	2	5	ND	4	11	.2	2	2	17	.17	.139	12	14	.35	409	.07	2	1.97	.02	.08	1	3
STANDARD C/AU-S	19	62	41	133	7.5	72	32	1056	3.98	43	17	8	37	53	18.5	15	22	57	.52	.091	37	61	.89	180	.07	36	1.89	.06	.14	11	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
BL 400N 700W	1	12	16	25	.1	14	5	276	1.69	2	5	ND	3	16	.2	2	2	19	.20	.112	9	9	.34	247	.12	2	2.86	.03	.06	1	2
BL 400N 600W	1	4	13	25	.2	9	4	154	1.32	8	5	ND	3	6	.2	2	2	10	.13	.054	16	8	.41	238	.04	2	1.35	.01	.06	1	4
BL 400N 500W	1	6	8	47	.1	12	5	341	1.59	7	5	ND	2	14	.2	2	2	16	.19	.070	13	9	.33	348	.08	2	1.89	.02	.07	1	4
BL 400N 400W	1	9	8	40	.1	13	4	138	1.28	5	5	ND	4	16	.2	2	4	13	.20	.172	13	6	.22	356	.08	2	1.67	.03	.06	1	1
BL 400N 300W	1	4	6	13	.1	8	4	193	1.29	5	5	ND	2	13	.2	2	2	12	.24	.017	13	6	.28	197	.06	2	1.29	.02	.08	1	6
BL 400N 200W	1	7	15	38	.1	14	5	183	1.62	4	5	ND	1	14	.2	2	2	16	.18	.047	7	6	.30	408	.11	2	2.61	.03	.08	1	1
BL 400N 100W	1	12	6	42	.1	19	6	111	1.63	10	5	ND	3	13	.2	2	3	16	.22	.080	12	9	.34	351	.08	3	1.95	.03	.08	1	3
BL 400N 00W	1	8	15	24	.1	13	5	95	1.78	12	5	ND	3	7	.2	2	2	14	.11	.097	18	9	.31	209	.05	2	1.31	.01	.07	1	2
BL 300N 900W	1	10	11	43	.1	13	4	467	1.34	4	5	ND	1	22	.2	2	2	16	.25	.194	5	8	.26	453	.11	3	2.14	.04	.10	1	1
BL 300N 700W	1	9	11	35	.1	12	4	456	1.21	8	5	ND	1	13	.2	2	2	16	.13	.102	6	8	.22	267	.09	2	1.68	.02	.06	1	15
BL 300N 600W	1	7	6	43	.1	14	5	482	1.46	9	5	ND	3	9	.2	2	2	15	.14	.143	11	10	.30	390	.07	2	1.80	.01	.08	2	1
BL 300N 500W	1	5	9	35	.1	10	4	303	1.21	4	5	ND	2	14	.2	2	2	14	.19	.217	6	7	.21	557	.08	2	1.47	.02	.08	2	1
BL 300N 455W	1	9	8	18	.2	12	5	115	1.75	5	8	ND	3	9	.2	2	2	14	.21	.023	15	8	.34	141	.06	2	1.35	.01	.07	1	2
BL 300N 400W	1	6	11	22	.1	12	4	460	1.33	5	5	ND	1	18	.2	2	2	15	.28	.306	5	8	.22	321	.10	2	2.15	.03	.08	1	1
BL 300N 300W	1	7	3	29	.1	15	5	233	1.50	6	5	ND	2	17	.2	2	2	16	.21	.114	9	7	.27	317	.10	2	2.17	.03	.09	1	1
BL 300N 200W	1	6	8	23	.1	9	3	418	1.28	9	5	ND	1	14	.2	3	2	14	.21	.028	7	7	.23	218	.08	4	1.55	.03	.07	1	1
BL 300N 100W	1	14	6	23	.1	15	5	300	1.81	6	5	ND	1	18	.2	2	2	17	.20	.081	6	7	.26	272	.11	2	2.48	.03	.08	1	2
BL 300N 00W	1	9	7	52	.1	14	5	383	1.69	8	5	ND	2	15	.2	3	2	19	.23	.111	6	9	.32	306	.10	3	2.27	.02	.08	1	3
BL 300N 100E	1	8	11	58	.2	15	5	332	1.75	9	5	ND	3	16	.2	2	2	17	.16	.194	7	7	.30	361	.10	4	2.35	.03	.07	1	2
BL 300N 200E	1	10	14	43	.1	15	5	184	1.86	9	5	ND	3	14	.2	3	2	15	.19	.089	11	8	.33	276	.07	4	1.94	.02	.10	1	2
BL 300N 300E	1	12	4	29	.1	14	5	235	1.80	12	5	ND	3	16	.2	2	2	19	.14	.093	7	7	.28	232	.12	2	2.58	.03	.08	1	3
BL 300N 400E	1	12	4	20	.1	13	6	337	2.49	8	5	ND	6	10	.2	2	2	15	.30	.017	19	10	.37	186	.05	2	1.55	.01	.11	1	4
BL 300N 500E	1	10	9	36	.1	14	5	152	1.50	11	5	ND	4	11	.2	2	2	16	.13	.080	12	8	.35	268	.08	3	1.81	.02	.07	1	4
BL 200N 1500W	1	7	6	56	.1	13	4	409	1.41	7	5	ND	1	22	.2	3	2	14	.24	.181	10	8	.35	438	.09	4	1.81	.02	.11	1	3
BL 200N 1400W	1	11	5	31	.1	12	4	347	1.29	4	5	ND	1	28	.2	2	2	16	.34	.147	5	6	.25	365	.11	2	2.20	.04	.08	1	4
BL 200N 1300W	1	15	6	46	.1	18	5	379	1.48	7	5	ND	2	22	.2	2	2	15	.23	.429	6	8	.27	607	.12	3	2.50	.03	.11	1	4
BL 200N 1200W	1	9	7	63	.2	14	6	1043	1.74	9	5	ND	2	18	.3	3	2	17	.33	.164	10	10	.45	707	.08	3	2.01	.02	.13	1	4
BL 200N 1100W	1	11	7	30	.1	14	5	191	1.51	8	5	ND	6	13	.2	2	2	11	.22	.146	23	11	.47	353	.05	2	1.71	.01	.10	1	8
BL 200N 1000W	1	9	7	46	.1	10	4	1025	1.17	7	5	ND	2	16	.2	2	2	14	.31	.137	8	7	.31	505	.07	3	1.49	.02	.09	2	2
BL 200N 900W	1	9	7	48	.1	15	5	266	1.55	6	5	ND	5	13	.2	4	2	15	.14	.108	12	9	.38	331	.09	2	2.20	.02	.09	1	3
BL 200N 800W	1	8	3	39	.1	14	4	157	1.33	8	5	ND	3	15	.2	2	2	14	.18	.095	9	7	.28	391	.09	2	1.95	.02	.08	1	1
BL 200N 700W	1	7	7	32	.1	9	4	167	1.13	8	5	ND	3	9	.2	3	2	12	.10	.050	12	7	.26	292	.06	3	1.51	.02	.06	1	3
BL 200N 600W	1	10	6	22	.1	11	5	422	1.38	10	5	ND	7	8	.2	2	2	14	.11	.069	20	7	.24	247	.05	6	1.13	.02	.06	2	5
BL 200N 500W	1	9	6	39	.1	12	4	584	1.27	11	5	ND	2	12	.2	2	2	16	.17	.149	8	8	.24	305	.08	2	1.54	.02	.09	1	1
BL 200N 400W	1	7	2	24	.1	14	4	150	1.31	9	5	ND	3	8	.2	2	2	12	.11	.062	19	6	.32	202	.04	2	1.14	.01	.07	1	2
BL 200N 300W	1	12	6	32	.2	19	6	393	1.63	6	5	ND	3	19	.4	3	2	19	.25	.133	6	8	.30	258	.11	2	2.39	.03	.09	1	2
STANDARD C/AU-S	18	62	38	130	7.2	73	31	1047	3.95	42	16	8	38	52	18.4	15	17	56	.52	.094	37	58	.90	187	.09	34	1.90	.07	.14	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb
BL 200N 200W	1	8	2	20	.1	12	7	194	2.44	5	5	ND	3	12	.2	2	2	19	.27	.022	15	10	.24	196	.07	5	2.00	.02	.08	1	4
BL 200N 100W	1	10	7	55	.1	15	6	617	1.76	8	5	ND	2	16	.2	2	3	18	.19	.086	10	9	.19	298	.08	4	2.06	.02	.06	1	5
BL 200N 00W	1	6	2	21	.1	11	4	119	1.59	4	5	ND	3	10	.2	2	2	12	.22	.036	14	6	.14	167	.05	5	1.32	.02	.06	1	4
BL 200N 100E	1	8	4	20	.2	9	6	259	2.04	7	5	ND	5	10	.2	2	3	12	.21	.022	15	7	.23	152	.05	5	1.20	.01	.13	1	2
BL 200N 200E	1	11	10	27	.1	13	7	382	3.11	10	5	ND	6	13	.2	2	2	16	.40	.021	16	12	.68	193	.05	7	1.79	.01	.12	1	3
BL 200N 300E	1	6	7	36	.1	13	6	230	2.36	2	5	ND	3	16	.2	2	3	17	.29	.039	12	9	.35	311	.08	9	2.35	.02	.13	2	4
BL 200N 400E	1	7	11	20	.1	15	12	250	2.55	11	5	ND	7	11	.2	2	2	20	.22	.012	14	10	.90	122	.06	3	1.96	.01	.08	2	1
STANDARD C/AU-S	20	60	37	132	7.2	73	32	1051	3.98	40	22	7	38	53	18.9	15	17	57	.51	.098	39	60	.89	183	.07	39	1.89	.06	.14	11	47

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GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3434 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: M. BAPTY

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	Hg ppb
BL 300N 1500W	1	9	9	46	.1	15	4	710	1.32	4	5	ND	3	22	.2	2	2	15	.24	.260	9	9	.20	483	.10	5	2.39	.03	.09	1	2	40
BL 300N 1400W	1	11	12	44	.1	17	3	371	1.39	2	5	ND	4	21	.2	2	2	15	.23	.258	10	12	.22	461	.10	4	2.44	.03	.10	2	1	10
BL 300N 1300W	1	7	4	45	.1	18	4	449	1.20	2	5	ND	3	18	.2	2	2	14	.19	.170	8	8	.20	404	.08	5	1.96	.03	.10	1	4	10
BL 300N 1200W	1	10	2	42	.1	18	5	514	1.62	2	5	ND	4	16	.2	2	2	15	.21	.161	12	13	.30	470	.08	5	2.32	.02	.11	1	12	20
BL 300N 1100W	1	9	8	44	.1	17	4	420	1.41	6	5	ND	3	17	.3	2	2	15	.19	.204	12	12	.24	423	.08	5	2.16	.03	.08	1	1	20
BL 300N 1000W	1	10	16	39	.2	17	5	249	1.41	6	5	ND	3	14	.2	2	2	16	.19	.077	11	11	.30	237	.08	6	2.04	.02	.09	1	8	10
L200N 2000W	1	8	2	63	.1	16	3	231	1.48	2	5	ND	4	16	.2	2	2	12	.16	.232	13	12	.31	465	.08	4	2.48	.02	.11	2	6	10
L200N 1900W	1	9	9	48	.2	14	4	234	1.34	2	5	ND	3	16	.2	2	2	13	.18	.145	10	12	.24	283	.08	8	2.21	.03	.10	2	4	30
L200N 1800W	1	4	9	21	.1	8	2	188	.95	2	5	ND	4	8	.2	2	2	9	.10	.020	17	10	.28	185	.04	4	1.20	.01	.08	1	1	5
L200N 1700W	1	9	4	51	.2	17	4	210	1.37	6	5	ND	4	25	.2	2	2	13	.22	.287	12	12	.26	591	.08	4	2.18	.03	.09	1	9	10
L200N 1600W	1	3	2	32	.1	15	2	118	1.17	4	5	ND	4	9	.2	2	2	10	.11	.034	18	10	.32	166	.05	6	1.52	.01	.10	1	1	5
L100N 2000W	1	4	6	19	.1	10	2	190	.96	2	8	ND	4	8	.2	2	2	8	.12	.023	22	10	.27	134	.04	6	1.05	.01	.09	1	1	5
L100N 1900W	1	11	6	56	.1	17	4	161	1.56	2	5	ND	5	22	.2	2	2	14	.24	.163	13	11	.30	313	.08	9	2.41	.03	.10	1	9	10
L100N 1800W	1	10	12	53	.1	19	4	271	1.48	4	5	ND	4	24	.2	2	2	14	.22	.359	8	11	.25	476	.10	5	2.66	.03	.10	1	5	10
L100N 1700W	1	6	5	48	.1	10	4	561	1.20	2	5	ND	2	17	.2	2	2	13	.31	.045	8	9	.23	423	.08	6	1.97	.02	.12	1	12	10
L100N 1600W	1	8	2	44	.1	13	4	159	1.32	2	5	ND	3	28	.2	3	2	13	.28	.274	11	10	.25	1250	.08	10	2.23	.03	.14	2	11	10
L100N 1500W	1	6	5	28	.1	10	4	479	1.30	2	5	ND	5	13	.2	2	2	11	.23	.038	18	11	.29	283	.05	8	1.47	.01	.11	1	8	20
L100N 1400W	1	7	3	48	.2	15	5	889	1.67	4	5	ND	6	14	.3	2	2	14	.22	.040	20	13	.38	352	.07	5	2.05	.01	.13	1	5	30
L100N 1300W	1	9	2	56	.1	16	5	808	1.62	3	5	ND	5	17	.2	2	3	15	.26	.037	19	16	.43	321	.07	5	2.05	.02	.14	1	10	20
L100N 1200W	1	9	2	21	.1	15	4	55	1.27	4	5	ND	8	7	.2	2	2	10	.11	.038	32	16	.60	244	.02	2	1.39	.01	.07	1	7	30
L100N 1100W	1	11	6	62	.1	19	4	682	1.56	12	5	ND	3	17	.2	2	2	17	.18	.179	11	11	.24	505	.10	4	2.77	.03	.08	1	9	40
L100N 1000W	1	7	3	55	.1	12	3	112	1.29	4	5	ND	5	14	.2	2	2	11	.18	.179	14	10	.23	483	.06	7	1.77	.02	.08	1	5	30
BL 100N 900W	1	8	2	32	.1	18	4	150	1.45	4	5	ND	5	12	.2	2	2	13	.15	.133	12	8	.20	500	.07	5	2.19	.02	.08	1	13	40
BL 100N 800W	1	7	9	29	.1	14	4	295	1.25	2	5	ND	3	15	.2	2	2	14	.19	.129	10	8	.16	262	.08	7	2.00	.03	.07	1	5	20
BL 100N 700W	1	13	13	42	.1	19	4	475	1.22	4	5	ND	3	12	.2	2	2	14	.14	.201	11	7	.14	257	.07	4	2.09	.02	.06	1	1	30
BL 100N 600W	1	10	2	42	.1	17	4	550	1.51	2	5	ND	3	15	.3	2	2	18	.18	.282	9	8	.17	291	.09	2	2.81	.03	.06	1	7	50
BL 100N 500W	1	8	6	29	.1	16	4	381	1.39	9	5	ND	5	11	.2	2	2	14	.17	.101	13	8	.16	209	.07	10	1.93	.02	.06	1	6	260
BL 100N 400W	1	10	8	34	.1	19	6	198	2.00	6	5	ND	4	16	.4	2	2	19	.22	.122	10	10	.20	220	.09	4	2.75	.03	.07	1	4	40
BL 100N 300W	1	7	14	15	.1	12	5	186	1.64	11	6	ND	3	9	.2	2	2	16	.14	.028	12	9	.16	193	.05	4	1.59	.02	.05	1	2	70
BL 100N 200W	1	7	9	38	.1	11	5	315	1.78	7	5	ND	3	10	.2	2	2	16	.13	.045	11	10	.19	181	.06	8	1.62	.02	.07	1	2	20
BL 100N 100W	1	8	2	37	.1	11	4	281	1.81	4	5	ND	3	13	.2	2	2	16	.14	.038	10	9	.20	236	.07	8	1.79	.02	.08	1	5	50
BL 100N 00	1	7	10	43	.1	8	3	396	1.64	4	5	ND	2	9	.2	2	2	14	.12	.041	11	11	.35	126	.05	6	1.12	.01	.07	1	5	20
L100N 100E	1	18	11	33	.2	23	21	199	3.04	17	5	ND	6	16	.3	7	2	18	.36	.027	18	21	1.39	228	.07	7	2.95	.03	.10	1	6	160
L100N 200E	1	12	7	30	.2	15	6	319	1.62	13	5	ND	3	22	.4	2	2	18	.21	.075	10	12	.27	219	.10	8	2.79	.04	.06	1	6	60
L100N 300E	1	35	6	29	.1	20	22	236	3.72	27	5	ND	7	14	.2	11	2	19	.36	.030	21	26	1.64	155	.05	2	2.61	.02	.08	1	6	120
L100N 355E	1	17	3	24	.1	14	5	346	2.39	14	5	ND	3	14	.6	2	2	15	.32	.043	11	12	.32	139	.05	8	1.56	.01	.10	1	5	30
STANDARD C/AU-S	19	63	41	132	7.2	72	31	1053	3.97	41	16	7	37	53	19.0	16	19	56	.51	.093	38	59	.87	180	.07	33	1.88	.06	.14	13	53	1600

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: Soil -80 Mesh AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 14 1990 DATE REPORT MAILED: Aug 21/90. SIGNED BY C. Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Bapty Research Limited FILE # 90-3434

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	Hg ppb
LOON 2000W	1	3	9	19	.1	13	3	112	1.31	4	5	ND	3	8	.2	2	3	11	.14	.035	15	10	.32	182	.05	3	1.43	.01	.09	1	2	10
LOON 1900W	1	3	4	30	.1	7	3	187	1.12	2	6	ND	1	10	.2	2	3	11	.13	.021	11	9	.23	256	.05	4	1.44	.01	.07	2	1	5
LOON 1800W	1	4	5	54	.1	14	3	421	1.22	2	5	ND	2	16	.2	2	4	12	.20	.101	11	10	.24	330	.07	8	1.93	.02	.12	2	5	10
LOON 1700W	1	5	7	24	.2	12	3	148	1.49	3	5	ND	4	16	.2	2	2	11	.29	.050	14	12	.28	236	.07	7	2.19	.02	.14	2	5	5
LOON 1600W	1	3	6	26	.2	11	4	411	1.18	5	5	ND	4	14	.2	2	6	9	.25	.028	15	10	.25	234	.05	7	1.54	.01	.11	1	5	5
LOON 1500W	1	7	7	43	.4	13	6	1270	1.63	2	5	ND	3	22	.5	2	3	13	.39	.049	16	11	.34	355	.07	8	2.14	.01	.16	1	5	10
LOON 1400W	1	12	2	22	.2	10	4	629	1.47	2	5	ND	4	13	.2	3	2	7	.12	.025	15	11	.43	352	.04	2	1.34	.03	.30	1	11	20
LOON 1300W	1	10	2	11	.1	4	3	254	1.33	2	5	ND	4	6	.2	2	2	6	.07	.030	14	9	.40	193	.03	2	.99	.02	.23	1	704	20
LOON 1200W	1	4	3	4	.1	7	2	57	.83	2	5	ND	6	4	.2	2	2	3	.08	.015	17	4	.27	112	.01	2	.49	.01	.15	2	29	10
LOON 1100W	1	15	8	31	.2	11	3	128	1.83	2	5	ND	3	8	.6	2	2	10	.09	.174	9	9	.26	345	.05	2	1.93	.04	.28	1	9	10
LOON 1000W	1	15	2	26	.1	6	3	141	1.36	2	5	ND	3	15	.2	2	2	9	.09	.095	9	7	.17	324	.05	2	1.63	.08	.21	1	4	20
LOON 900W	1	8	2	44	.1	16	4	607	1.41	2	5	ND	2	15	.2	2	5	14	.20	.231	11	9	.18	369	.07	6	1.98	.02	.09	2	4	30
LOON 800W	1	6	2	15	.1	6	5	308	1.09	2	5	ND	6	6	.2	2	2	10	.12	.051	21	6	.14	144	.02	7	.62	.01	.05	2	3	20
LOON 700W	1	8	8	23	.1	17	5	284	1.27	3	5	ND	3	13	.2	2	3	14	.16	.158	10	8	.16	253	.07	4	2.18	.02	.06	1	3	20
LOON 600W	1	9	9	34	.1	15	7	459	1.58	4	5	ND	4	10	.4	2	2	14	.14	.261	13	10	.18	347	.05	4	1.91	.01	.07	1	4	40
LOON 500W	1	8	4	22	.1	12	5	250	1.40	3	5	ND	2	14	.2	2	2	12	.21	.220	6	9	.14	315	.07	3	2.07	.02	.06	1	2	30
LOON 400W	1	8	9	36	.1	11	5	512	1.42	6	5	ND	2	14	.2	2	2	15	.19	.308	6	7	.15	257	.08	4	2.15	.02	.05	1	10	50
LOON 300W	1	13	3	23	.1	14	4	404	1.49	5	5	ND	2	20	.2	2	2	15	.28	.099	9	10	.16	176	.09	4	2.33	.04	.06	2	12	60
LOON 200W	1	7	9	30	.2	7	4	406	1.68	3	5	ND	1	8	.2	2	3	15	.08	.067	9	11	.28	134	.06	6	1.48	.01	.05	2	7	20
LOON 100W	1	11	11	23	.1	12	12	506	3.02	3	5	ND	4	12	.8	6	2	19	.35	.030	15	21	1.29	144	.05	8	2.06	.01	.07	1	8	110
LOON 00	1	5	2	20	.3	7	9	217	1.68	4	5	ND	3	8	.2	2	2	13	.17	.025	12	15	.80	139	.04	5	1.24	.01	.06	1	11	30
LOON 100E	1	11	10	24	.2	9	7	250	2.21	6	5	ND	4	14	.2	2	2	15	.32	.021	12	14	.46	197	.08	7	2.35	.02	.11	2	9	80
LOON 200E	1	23	17	22	.2	9	6	227	2.58	8	5	ND	4	7	.9	2	2	16	.19	.015	12	10	.25	142	.05	7	1.45	.01	.06	1	12	280
LOON 300E	1	10	13	25	.1	13	4	314	1.84	6	5	ND	2	14	.2	2	2	16	.21	.114	5	9	.17	248	.09	6	2.54	.02	.08	1	1	60
STANDARD C/AU-S	19	63	43	132	7.4	73	31	1055	3.97	37	17	8	37	53	18.3	16	19	56	.59	.095	39	59	.86	180	.07	39	1.88	.06	.13	11	51	1300

ACME ANAI TCAL LABORATORIES LTD. 852 E. HASTINGS ST. VA OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT ~~DAVID~~ GOLD CK. (G) File # 90-6093

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
B 84901	1	28	44	26	.2	2	2	795	.81	4	5	ND	1	61	.4	5	2	3	18.10	.007	2	1	8.38	237	.01	6	.02	.01	.01	1	3
B 84902	1	5	6	39	.1	9	5	769	.76	2	5	ND	1	129	.8	2	2	6	14.39	.012	3	4	6.62	1503	.01	8	.04	.03	.02	1	1
B 84903	1	29	10	29	.1	9	10	626	3.41	6	34	ND	1	15	.4	2	2	1	2.72	.053	42	3	.27	456	.01	7	.35	.01	.22	1	2
B 84904	1	159	9	7	.1	18	33	523	4.90	23	5	ND	1	21	1.3	2	2	10	16.93	.190	3	7	1.66	150	.01	3	.38	.01	.10	1	2
B 84905	1	3	2	6	.1	2	3	1175	1.26	2	5	ND	1	53	.4	2	2	4	15.91	.014	5	3	7.13	31	.01	4	.10	.01	.05	1	1
B 84906	1	1	2	5	.1	2	3	909	1.20	2	5	ND	1	75	.2	2	2	4	15.63	.006	2	2	7.02	117	.01	4	.09	.01	.01	1	1
B 84907	1	2	4	9	.1	2	3	775	.82	2	5	ND	1	63	.2	2	2	4	15.51	.008	2	1	7.06	27	.01	4	.02	.01	.01	1	1
B 84908	1	434	2	1	.1	4	2	641	.94	6	5	ND	1	53	.2	2	2	4	14.98	.016	6	1	7.00	16	.01	5	.07	.01	.05	1	2
B 84909	1	3	6	9	.1	15	8	2088	2.56	2	5	ND	1	95	1.1	2	2	9	12.80	.030	4	5	4.76	119	.02	6	.60	.01	.08	1	1
B 84910	1	2	4	5	.1	2	2	517	1.05	2	5	ND	1	36	.2	2	2	3	9.48	.012	2	2	2.27	38	.01	7	.06	.01	.01	1	
B 84911	1	693	8	1	.1	5	19	435	.99	9	5	ND	1	20	.2	2	2	2	4.93	.019	3	4	2.26	258	.01	3	.11	.01	.07	1	4
B 84912	3	17	2	8	.1	7	2	324	1.23	2	5	ND	2	2	.2	5	2	2	.24	.035	6	7	.07	88	.01	6	.17	.01	.08	1	1
B 84913	1	4	2	1	.1	2	1	68	.36	2	5	ND	1	8	.2	2	2	1	19.60	.029	4	4	.22	61	.01	3	.20	.01	.06	1	2
B 84914	1	80	6	11	.1	5	2	678	1.32	10	5	ND	1	16	.4	2	2	1	15.72	.014	3	1	7.43	11	.01	10	.30	.01	.02	1	1
B 84915	1	4	2	6	.1	6	8	425	1.40	2	5	ND	1	12	.5	2	2	4	12.11	.012	6	2	5.46	41	.01	8	.42	.01	.03	1	2
B 84916	1	3	2	5	.1	5	2	852	.70	2	5	ND	1	39	.2	2	2	1	14.19	.033	9	3	6.86	19	.01	5	.34	.01	.06	1	1
B 84917	2	11	4	6	.1	28	11	355	3.70	18	5	ND	6	11	.4	2	2	6	5.21	.082	9	8	2.98	40	.01	16	.80	.01	.21	1	1
B 84918	1	34	2	12	.1	19	15	1434	1.72	7	50	ND	14	21	.2	2	5	5	.13	.066	46	15	.14	1136	.01	7	.85	.01	.22	1	1
B 84919	1	30	2	14	.1	13	15	5195	1.54	2	45	ND	7	9	.3	2	2	3	.32	.018	47	10	.18	117	.01	6	.62	.01	.19	1	3
B 84920	1	3	3	1	.1	4	2	203	.84	16	5	ND	1	72	.2	2	2	2	23.88	.022	12	3	1.48	11	.01	6	.05	.02	.01	1	4
B 84921	3	75	4	8	.1	16	10	141	1.50	2	5	ND	3	6	.2	2	2	1	.19	.021	7	10	.04	289	.01	9	.12	.01	.06	2	5
B 84922	1	42	6	3	.1	7	4	270	2.10	3	5	ND	1	16	.2	2	2	5	.14	.015	2	3	.03	805	.01	6	.06	.01	.03	1	1
B 84923	1	20	2	4	.1	5	3	326	.94	2	7	ND	1	4	.2	2	2	2	.04	.005	8	4	.03	272	.01	5	.15	.01	.07	1	1
B 84924	3	6	2	5	.1	11	7	1877	.88	2	5	ND	1	3	.2	2	2	2	.01	.006	4	9	.02	217	.01	4	.08	.01	.04	1	2
B 84925	3	12	2	3	.1	14	3	113	1.08	2	8	ND	2	13	.2	2	2	3	.01	.013	8	11	.01	639	.01	10	.10	.01	.04	2	2
B 84926	1	50	3	1	.1	10	21	1564	1.40	2	5	ND	1	23	.2	2	2	5	17.73	.028	8	3	.48	229	.01	4	.45	.01	.09	1	1
B 84927	1	10	2	1	.1	12	16	472	1.58	2	5	ND	1	41	.3	2	2	12	8.38	.025	16	12	3.92	1331	.01	17	.89	.01	.13	1	1
B 84928	2	48	3	2	.1	20	36	438	1.54	5	5	ND	1	48	.3	2	2	5	10.86	.012	7	11	1.37	1928	.01	6	.48	.01	.04	1	
STANDARD C/AU-R	18	58	40	130	7.4	72	31	1056	3.97	42	22	6	37	52	18.8	18	22	55	.45	.094	37	55	.90	182	.07	35	1.90	.06	.14	13	

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: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: NOV 26 1990 **DATE REPORT MAILED:** Nov 30/90. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAI NALYSIS CERTIFICATE

Black $ 105 Analysis.

Dragoon Resources Ltd. PROJECT GOLD CREEK File # 90-5557

305 - 675 W. Hastings St., Vancouver BC V6B 1N2 Submitted by: CORA BOWIE

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
G21,G22	1	9	14	24	.1	13	15	220	12.43	2	5	ND	15	10	.2	2	2	107	.28	.042	39	48	.54	33	.33	2	.69	.01	.05	1
G49	1	11	24	23	.1	18	17	213	13.75	3	5	2	18	15	.2	2	2	113	.40	.042	53	46	.50	359	.29	5	.60	.01	.06	1
G69	1	10	241	29	.5	27	24	223	21.82	6	5	24	20	11	.3	2	22	151	.34	.036	49	60	.36	186	.25	9	.42	.01	.04	1
G73	1	12	21	24	.1	13	16	209	14.78	3	5	3	20	14	.6	5	2	123	.24	.034	55	51	.39	327	.35	2	.53	.01	.04	2
T16	1	9	17	27	.1	23	21	204	18.82	2	5	ND	13	8	.2	2	2	111	.25	.031	30	51	.39	31	.31	3	.53	.01	.04	1
704 DAVID-COURSE SAND	2	403	768	39	15.5	5	6	161	2.66	2	5	133	11	25	.2	3	41	7	.01	.011	18	2	.03	1679	.01	11	.36	.01	.07	1
NORTH MOYIE	1	19	10	29	.1	30	32	200	18.84	6	5	ND	17	5	.2	2	2	85	.11	.015	72	26	.25	12	.14	2	.50	.01	.05	24
WILD HORSE	1	106	1728	79	7.0	69	90	458	31.32	336	5	15	25	24	.3	10	14	420	.92	.044	13	37	.51	35	.13	2	.37	.01	.07	57
MOYIE PLACER GOLD	1	61	366	32	.3	25	46	441	15.42	3	5	ND	16	6	.8	48	2	135	.26	.011	40	20	.15	25	.42	3	.40	.01	.04	7
STANDARD C	19	57	36	130	6.8	73	32	1052	3.97	42	17	7	40	55	18.8	14	19	56	.45	.096	38	57	.89	182	.07	34	1.89	.06	.13	12

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: PULP

DATE RECEIVED: OCT 25 1990 **DATE REPORT MAILED:** Oct 31/90. **SIGNED BY**.....C. Leong.....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

OCT 31 '90 13:32

273 P02

ACME AN/ TICAL LABORATORIES LTD. 852 E. HASTINGS ST. V' 'COUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(' '4)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT GOLD CRK File # 90-4661

901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: C. KENNEDY

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
C 49053	1	16	53	151	.7	6	4	418	1.72	8	5	ND	1	84	.3	2	2	2	20.90	.029	8	1	.24	47	.01	2	.12	.01	.06	1	8

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: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 21 1990 **DATE REPORT MAILED:** Sept 28/90. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYT .L LABORATORIES LTD. 852 E. HASTINGS ST. VAN VER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60 '53-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT GOLD CK. ~~[illegible]~~ File # 90-4339 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
C 49051	5	5	6	1	.1	15	2	439	.73	2	5	ND	1	1	.2	2	2	2	.01	.006	2	11	.01	28	.01	2	.06	.01	.02	1	6
C 49052	1	2	4	9	.1	12	10	1348	2.73	2	5	ND	5	67	.7	2	2	16	7.76	.061	37	11	4.24	51	.02	4	.54	.01	.10	2	1
B 52267	2	2631	4	8	.6	15	4	491	1.06	2	5	ND	7	31	.4	2	45	4	4.14	.057	21	16	2.69	659	.01	4	.70	.01	.13	1	76
B 52965	1	3	2	24	.1	48	19	886	5.77	2	5	ND	1	57	.6	2	9	41	4.46	.096	4	31	3.07	83	.02	2	2.21	.01	.09	2	4
B 52966	5	4	2	2	.1	14	1	209	.46	3	5	ND	1	6	.2	2	2	1	1.20	.004	2	12	.53	17	.01	2	.02	.02	.01	1	2
B 52967	1	1	6	11	.1	9	7	991	2.80	3	5	ND	1	45	.2	4	3	22	6.41	.048	6	25	3.37	98	.01	2	.84	.01	.06	1	1
STANDARD C	21	62	35	133	7.3	73	32	1055	3.98	39	20	7	40	53	19.5	16	23	59	.52	.094	39	61	.91	190	.08	38	1.89	.07	.13	11	-

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 ROCK P2 SOIL P3 H.M. AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 12 1990 DATE REPORT MAILED: Sept 20/90 SIGNED BY..D.Toye..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	H.M. %	H.M. gm
B 52366	1	65	18	64	.1	25	49	700	7.69	6	5	ND	4	19	.8	2	2	199	.87	.014	8	9	.64	30	.42	2	1.47	.06	.05	1	7	2.29	49.20
B 52367	1	60	15	62	.1	20	32	515	6.34	2	5	ND	3	16	.6	2	3	166	.84	.016	8	9	.61	29	.39	2	1.42	.06	.06	1	2	2.65	73.00
B 52368	1	76	18	67	.1	23	22	418	4.39	2	5	ND	3	14	.2	2	3	101	.97	.016	13	17	.57	37	.37	2	1.45	.07	.07	1	11	3.28	81.90
B 52369	1	75	19	68	.1	27	32	453	5.02	11	5	ND	4	12	.2	2	2	100	.80	.019	13	22	.55	37	.34	2	1.38	.06	.07	1	42	2.39	60.90

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited PROJECT ~~McNEIL~~ File # 90-3907 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
B 52955	1	2	5	6	.1	10	6	1061	5.11	5	5	ND	2	43	.2	2	2	31	5.10	.209	6	8	2.75	182	.07	7	.63	.01	.21	1	5
B 52957	1	1	2	7	.2	16	6	1177	2.32	2	5	ND	1	66	.2	2	2	15	4.46	.288	17	5	2.57	42	.01	2	1.14	.01	.27	1	5
B 52959	1	1	2	8	.2	17	7	715	4.60	5	5	ND	2	50	.2	3	2	28	3.83	.121	5	40	2.50	81	.04	3	1.11	.01	.18	1	8
B 52960	1	67	3	78	.1	41	37	823	8.89	2	5	ND	2	58	.9	2	2	49	2.54	.213	17	29	3.22	244	.01	2	3.18	.01	.12	1	12
B 52961	1	39	51	182	.1	16	12	580	3.45	36	5	ND	6	21	.5	2	2	12	1.38	.077	95	15	1.66	98	.01	4	2.12	.01	.18	1	2
B 52962	1	5	4	7	.1	7	4	53	1.04	2	5	ND	8	3	.3	2	2	4	.30	.056	37	8	.11	24	.01	4	.48	.01	.20	1	3
B 52963	1	2	2	3	.1	4	1	379	.58	6	5	ND	10	11	.4	3	2	4	2.10	.046	15	4	1.18	52	.01	5	.31	.01	.18	2	1
B 52964	1	2	2	55	.2	41	28	760	7.27	2	5	ND	1	99	.5	2	2	46	3.68	.194	17	21	3.40	63	.01	2	2.84	.01	.13	1	4

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 ROCK P2 SOIL AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 28 1990 **DATE REPORT MAILED:** Sept 4/90. **SIGNED BY** C Leong ......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

GOLD CK

Bapty Research Limited PROJECT McNEIL FILE # 90-3907

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
B 52956	1	13	3	25	.1	9	5	383	1.27	2	12	ND	1	69	.2	5	2	7	10.70	.088	9	13	1.53	489	.01	15	.57	.01	.07	1	5
B 52958	1	8	20	41	.1	10	7	1627	2.56	2	5	ND	5	19	.2	2	3	17	.68	.052	16	16	.53	1157	.04	7	1.28	.01	.22	4	2

ACME ANAl [CAL LABORATORIES LTD. 852 E. HASTINGS ST. V OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX 4)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3855
901 Industrial Road #2, Cranbrook BC V1C 4C9 Submitted by: L. ENGLISH

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	Hg ppb
B 52246	1	1579	4	47	.1	53	42	1373	10.48	2	8	ND	1	10	.3	2	8	272	.76	.049	3	11	2.07	26	.01	2	2.56	.04	.02	1	6	20
B 52247	1	1169	11	23	.1	33	120	534	6.20	10	5	ND	2	9	.4	2	2	92	.60	.032	7	24	1.68	11	.07	2	1.77	.05	.01	1	6	20
B 52248	2	42	12	35	.1	41	41	261	10.73	25	5	ND	3	6	1.1	2	8	222	.33	.047	2	17	2.79	5	.01	2	2.52	.03	.01	1	11	20
B 52249	4	13	2	3	.2	17	15	41	4.01	24	5	ND	4	2	.2	4	2	12	.01	.005	5	14	.19	3	.01	2	.21	.04	.01	1	9	10
B 52250	1	15	5	12	.2	19	13	100	2.75	6	5	ND	12	2	.8	3	2	33	.03	.014	7	[illegible]	1.04	15	.01	2	1.03	.05	.01	1	5	10
B 52251	1	32	125	9	.3	6	11	51	2.48	20	5	ND	6	1	.3	20	5	4	.01	.011	10	5	.02	1	.01	2	.17	.06	.01	1	4	230
B 52252	4	1	6	61	.1	21	8	464	3.36	2	5	ND	7	8	.9	2	2	4	.17	.008	17	36	.40	7	.01	2	.23	.04	.02	1	11	10
B 52253	2	3	5	4	.1	12	12	93	1.85	18	5	ND	7	3	.2	2	3	2	.04	.011	8	11	.07	7	.01	2	.16	.06	.02	1	1	5
B 52937	2	11	5	2	.1	9	5	42	1.55	2	5	ND	4	2	.4	2	2	3	.01	.005	14	10	.19	11	.01	2	.32	.03	.04	1	5	5
B 52938	1	541	41	14	.7	7	24	286	1.60	9	5	ND	1	98	1.7	4	2	74	2.47	.047	2	7	.11	12	.26	3	1.17	.01	.01	1	2	5
B 52939	6	1369	1200	121	9.0	51	60	63	4.76	800	5	ND	1	4	.2	7	16	8	.01	.002	2	62	.03	10	.01	2	.18	.01	.03	1	36	5
B 52940	4	8	8	10	.1	16	9	85	1.99	4	5	ND	2	2	.4	2	2	6	.01	.005	5	12	.20	8	.01	3	.22	.03	.11	1	21	5
B 52941	8	7	64	11	.8	14	7	152	3.52	2	5	ND	8	5	.4	2	7	5	.01	.004	9	9	.03	81	.01	2	.15	.02	.07	1	94	5
B 52942	3	9	384	43	.5	10	5	278	1.16	4	5	ND	1	15	1.4	2	2	1	.34	.003	2	7	.18	180	.01	4	.05	.02	.02	1	11	5
B 52943	10	9	64	19	.3	15	8	104	2.81	5	5	ND	9	6	.2	2	7	2	.01	.008	13	36	.01	223	.01	2	.13	.04	.04	1	35	5
B 52944	2	42	9702	48	61.8 ✓	24	16	113	2.63	17	5	ND	6	8	2.5	2	179	8	.07	.012	7	10	.63	39	.02	2	.57	.02	.43	2	307	5
B 52945	6	13	2650	289	32.2 ✓	8	2	55	1.12	4	5	ND	3	17	5.9	2	125	2	.01	.004	8	9	.01	1008	.01	2	.07	.01	.04	1	156	70
B 52946	7	7	87	21	.1	7	1	33	1.67	2	5	ND	6	3	.2	2	5	2	.01	.006	6	6	.01	109	.01	2	.08	.03	.06	2	102	5
B 52947	5	20	85	16	.4	8	4	49	3.42	2	5	6	7	12	.3	2	2	4	.01	.019	13	41	.01	663	.01	3	.16	.03	.12	1	5822	5
B 52948	23	14	33945 ✓	6	224.5 ✓	8	3	32	1.92	113	5	4	10	9	2.1	5	525	5	.01	.026	22	9	.01	119	.01	4	.18	.02	.25	1	4361	5
B 52949	12	4	403	1	1.7	5	3	28	1.55	99	5	ND	8	7	.4	2	13	2	.01	.006	18	7	.01	40	.01	2	.10	.08	.11	1	207	5
B 52950	2	771	38	3	.7	10	8	199	3.23	5	5	ND	1	150	1.1	4	12	79	2.84	.049	4	12	.02	11	.32	4	.61	.01	.01	1	7	5
D 83501	9	14	26	1	.2	13	11	40	3.86	79	5	ND	8	49	.2	3	12	4	.14	.110	6	34	.02	63	.01	2	.17	.10	.06	1	41	5
STANDARD C/AU-R	19	57	40	132	7.0	73	32	1051	3.96	40	19	7	36	53	18.4	14	22	55	.52	.097	37	60	.89	179	.07	35	1.89	.06	.14	11	487	1400

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: ROCK AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 26 1990 **DATE REPORT MAILED:** Aug 31/90. **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED (9n. progress).

ACME ANAL CAL LABORATORIES LTD. 852 E. HASTINGS ST. V' 'OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6^4)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3797 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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	Hg ppb
B 52230	1	3	2	2	.1	10	14	416	1.40	7	5	ND	3	37	.6	3	2	6	8.43	.028	6	9	2.84	1868	.01	6	.65	.01	.07	1	5	230
B 52231	1	2	16	7	.1	10	3	505	1.19	3	5	ND	3	19	.5	2	3	5	10.00	.028	7	7	1.33	292	.01	6	.77	.01	.08	1	4	110
B 52232	1	193	2	91	.1	41	14	502	10.00	2	5	ND	7	8	1.2	2	7	98	.13	.041	36	37	3.66	41	.01	5	4.65	.03	.09	1	2	20
B 52233	1	30	10	19	.1	11	8	85	1.34	7	5	ND	1	1	.4	3	2	2	.02	.002	2	3	.01	3	.01	4	.04	.01	.01	1	1	5
B 52839	2	353	479	72	2.0	19	26	122	11.46	4	5	ND	1	4	1.2	2	13	25	.11	.097	5	3	.09	229	.01	6	.73	.01	.23	1	2620	5
B 52840	1	5	213	34	1.1	6	5	159	2.88	6	5	ND	1	4	.6	2	6	4	1.86	.014	9	4	.23	67	.01	5	.28	.01	.04	1	12	30
B 52841	9	7	24	16	.1	13	14	136	3.24	6	5	ND	7	3	.2	2	2	6	.01	.014	78	41	.06	7	.01	5	.22	.01	.03	2	1	5
B 52842	1	5	41	30	.1	13	27	83	3.73	8	5	ND	1	1	.4	3	2	12	.01	.002	3	6	.07	14	.01	3	.18	.01	.12	1	2	5
B 52843	3	32	89	24	.6	16	20	104	3.47	4	5	ND	1	1	.2	2	8	5	.01	.011	2	8	.01	48	.01	3	.16	.01	.07	1	22	5
B 52844	1	3	8	7	.1	3	10	64	2.61	7	5	ND	1	2	.2	2	2	4	.04	.004	4	5	.19	2	.01	2	.26	.01	.02	1	13	5
B 52845	62	10	2583	26	19.8	9	2	61	1.21	2	5	ND	4	4	.7	2	76	3	.01	.003	10	49	.01	290	.01	7	.08	.03	.03	1	112	5
B 52846	2	4	28	5	.3	27	129	41	5.18	143	5	ND	4	2	.3	2	7	2	.01	.021	12	5	.09	7	.01	4	.17	.01	.02	1	1	5
B 52847	742	6	65	9	.3	8	4	27	2.41	2	5	ND	11	8	.2	2	2	6	.01	.016	26	6	.01	444	.01	4	.22	.04	.17	1	390	5
B 52848	22	4	8	9	.1	3	2	63	1.72	5	5	ND	3	2	.3	2	2	1	.01	.024	8	2	.01	96	.01	3	.11	.01	.09	1	12	5
B 52849	18	7	18	11	.1	8	2	70	1.59	3	5	ND	8	1	.2	2	2	4	.01	.017	23	36	.01	7	.01	5	.19	.01	.10	1	46	5
B 52850	2	118	26	142	.4	46	36	1767	9.59	7	5	ND	9	3	1.3	2	13	21	.04	.015	17	15	1.69	11	.03	2	2.66	.01	.10	1	13	5
B 52901	11	7	439	23	.2	9	5	89	2.72	5	5	ND	14	12	.2	2	2	22	.04	.048	28	11	.27	137	.02	6	.55	.02	.49	1	3	5
B 52902	10	21	1295	21	.7	2	3	40	3.03	2	5	ND	1	7	.2	2	2	10	.01	.024	2	4	.01	583	.01	4	.18	.01	.13	1	12	5
B 52903	6	7	1177	6	68.1	11	5	61	2.02	2	5	ND	1	2	.2	2	160	4	.03	.017	2	52	.01	7	.01	4	.11	.01	.03	1	12300	5
B 52904	34	8	1321	111	3.0	4	4	133	2.98	2	5	ND	13	24	.6	2	9	13	.07	.064	27	4	.06	113	.01	4	.28	.01	.23	1	220	5
B 52905	3	140	233	20	5.1	6	2	68	3.66	2	5	ND	4	7	.3	2	8	3	.01	.010	13	7	.01	590	.01	5	.15	.01	.16	1	54	60
B 52906	1	26	161	31	2.0	4	1	58	1.17	2	5	4	2	1	.5	2	10	2	.01	.008	10	4	.01	41	.01	4	.09	.01	.05	1	5990	5
B 52907	6	166	1060	115	3.4	8	2	46	2.08	2	5	13	5	9	.7	3	8	5	.01	.025	11	44	.01	129	.01	4	.11	.03	.10	1	16800	5
B 52908	5	30	25	12	.1	17	11	69	3.04	6	5	ND	5	5	.2	2	2	3	.04	.037	8	2	.02	34	.01	2	.30	.02	.13	1	63	5
B 52909	3	10	8	14	.1	11	4	83	2.42	3	5	ND	9	1	.2	2	2	3	.01	.011	17	7	.02	10	.01	2	.25	.05	.04	1	1	5
B 52910	1	37	128	311	.8	35	16	169	7.52	9	5	ND	7	3	.3	2	2	175	.01	.016	3	90	2.55	47	.05	10	1.88	.07	.78	1	15	5
B 52911	16	70	2839	36	12.9	13	9	226	6.73	2	5	2	1	33	.6	2	55	56	.01	.088	3	38	.20	56	.02	10	.44	.02	.45	1	3690	5
B 52912	7	6	203	69	.7	8	8	113	3.75	3	5	ND	10	8	.2	2	3	63	.01	.016	19	14	.95	87	.03	4	.69	.05	.65	1	14	5
B 52913	3	11	9	20	.1	13	4	66	2.16	12	5	ND	7	4	.3	3	2	2	.01	.013	17	9	.01	12	.01	5	.33	.08	.01	1	4	5
B 52914	1	12	5	13	.1	8	9	201	2.94	17	5	ND	4	5	.3	2	2	3	.03	.021	7	3	.03	12	.01	7	.25	.04	.07	1	22	5
B 52915	6	8	22	4	.2	13	8	60	1.80	7	5	ND	1	2	.4	2	2	14	.01	.002	2	60	.20	19	.01	7	.18	.01	.05	1	34	5
B 52916	1	4	4	3	.1	1	2	23	2.94	4	5	ND	6	1	.3	2	2	4	.01	.014	14	5	.02	1	.01	5	.31	.07	.01	1	24	5
B 52917	3	407	220	92	3.4	31	26	102	2.52	14	5	ND	1	51	.5	2	2	12	.49	.005	2	8	.02	1	.01	6	.48	.01	.01	1	94	5
B 52918	1	1400	496	42	3.6	5	3	82	1.46	26	5	ND	1	1	.3	2	7	1	.01	.007	2	4	.01	1	.01	3	.03	.01	.01	1	8	5
B 52919	6	5533	697	270	3.2	31	23	182	9.88	208	5	ND	1	1	2.3	2	24	37	.01	.021	2	35	.04	1	.01	6	.45	.01	.01	1	51	5
B 52920	2	1095	553	121	8.5	13	10	137	7.79	76	5	ND	1	1	.2	2	11	17	.01	.016	2	2	.01	1	.01	2	.19	.01	.01	1	14	5
STANDARD C/AU-R	19	60	40	131	7.1	71	32	1052	3.98	41	20	7	38	53	19.1	12	19	56	.52	.095	38	58	.89	182	.07	37	1.89	.06	.12	10	540	1400

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 ROCK P3 SILT P4 H.M. AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.
HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 23 1990 DATE REPORT MAILED: Aug 31/90 . SIGNED BY.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

AUG 31 '90 16:25

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	Hg ppb
B 52921	8	57	335	88	.8	10	3	139	1.27	15	5	ND	4	3	.8	2	5	1	.02	.002	7	8	.01	1	.01	2	.07	.04	.01	1	14	5
B 52922	32	31	675	352	1.8	3	4	275	2.88	11	5	ND	9	25	2.9	2	6	1	.17	.006	11	5	.06	2	.01	3	.14	.07	.01	1	620	5
B 52923	55	51	1409	1185	4.0	20	9	1531	4.96	2	5	ND	6	228	7.5	2	12	3	1.80	.004	2	30	.91	5	.01	4	.13	.07	.01	1	1020	5
B 52924	53	19	974	775	2.8	9	7	1328	4.44	6	5	ND	6	176	4.9	2	6	3	1.55	.006	4	8	.76	3	.01	4	.16	.09	.01	1	480	5
B 52925	4	64	32006	1691	251.3	12	3	445	1.52	2	5	ND	3	35	14.7	2	820	1	.25	.009	7	9	.11	9	.01	2	.08	.04	.01	1	83	5
B 52926	1	3	33	12	.1	14	12	157	2.15	3	5	ND	47	5	.3	2	5	2	.06	.019	17	8	.12	11	.01	2	.17	.07	.03	1	3	5
B 52927	4	9	135	44	.7	11	5	397	2.67	4	5	ND	12	24	.2	2	5	1	.20	.016	9	25	.15	26	.01	2	.14	.08	.02	1	38	5
B 52929	1	142	131	15	.7	3	4	74	3.51	31	5	ND	5	8	.3	2	4	13	.01	.008	9	6	.06	96	.01	2	.13	.06	.07	1	3	5
B 52930	5	6	683	22	3.7	17	12	349	3.55	2	5	ND	8	5	.3	2	12	17	.19	.073	15	15	.10	7	.01	2	.17	.07	.02	1	2	20
B 52931	1	12	8	4	.1	10	12	31	6.73	2	5	ND	44	8	.2	2	2	85	.20	.087	5	10	.01	8	.02	2	.18	.07	.01	3	5	10
B 52932	4	5	2	6	.1	12	6	239	1.92	2	5	ND	9	4	.2	2	2	2	.05	.021	6	34	.01	135	.01	2	.16	.05	.01	1	1	5
B 52933	1	64	125	122	.5	14	8	394	7.01	29	5	ND	6	5	.5	2	8	19	.02	.015	5	7	1.08	5	.01	3	2.24	.02	.03	1	23	5
C 49042	1	1256	11	1	1.0	3	2	525	1.13	199	5	ND	2	57	.3	14	2	3	16.55	.009	9	2	5.44	13	.01	5	.07	.01	.02	1	2	20000
C 49043	1	19	2	1	.2	3	2	364	.63	8	5	ND	4	41	.2	2	2	4	30.79	.023	5	1	.38	56	.01	3	.11	.01	.02	1	1	320
C 49047	5	23	6	2	.1	14	18	1824	2.16	15	5	ND	3	8	.2	2	2	3	.17	.029	13	41	.16	202	.01	2	.35	.01	.08	1	2	10
C 49048	1	208	54	14	.2	13	8	5025	7.15	28	5	ND	2	11	.6	3	2	7	.70	.029	7	7	.39	652	.01	2	.74	.01	.04	1	1	60
C 49049	2	17	14	1	.1	4	11	425	3.17	2	5	ND	1	17	.4	2	5	12	.96	.048	19	7	.98	210	.01	3	.96	.01	.12	1	1	430
C 49050	3	44	11	1	.1	5	9	236	6.15	2	5	ND	1	29	.2	2	2	38	.16	.013	2	6	.44	904	.01	3	.39	.01	.01	1	1	2800
STANDARD C/AU-R	19	61	37	129	7.0	71	32	1050	3.96	41	20	7	39	53	19.0	15	20	56	.51	.094	38	57	.89	182	.07	37	1.89	.06	.14	14	530	1500

✓ ASSAY IN PROGRESS

Bapty Research Lin. .ed FILE # 90-3797

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	Hg ppb
B 52928	1	28	39	79	.3	23	37	1200	2.90	12	5	ND	5	36	.2	2	2	11	.20	.050	27	11	.44	86	.02	2	1.66	.01	.06	1	6	50
B 52935	1	20	26	68	.3	20	13	464	3.37	10	5	ND	11	11	.2	2	2	8	.07	.024	33	11	.53	52	.01	2	1.40	.01	.06	1	51	10
B 52936	1	30	31	81	.4	28	22	908	3.17	11	5	ND	4	52	.7	2	2	10	.35	.075	26	12	.42	105	.01	2	1.64	.01	.05	1	15	90
C 49044	1	32	11	42	.4	32	14	419	2.51	3	5	ND	5	20	.3	2	2	10	.48	.050	25	16	.61	125	.01	2	1.58	.01	.12	1	4	80
C 49045	1	11	12	54	.5	11	6	290	1.38	2	5	ND	4	13	.4	2	2	8	1.26	.040	20	8	.59	175	.02	2	.92	.01	.08	1	1	50
C 49046	1	16	8	50	.2	12	8	789	1.68	3	5	ND	1	11	.5	2	2	9	.86	.043	16	10	.40	300	.02	2	1.08	.01	.07	1	3	110

Bapty Research Limited FILE # 90-3797

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	Hg ppb	H.M. %	N.M. gm
B 52229	5	73	26	57	.1	130	113	723	21.40	60	17	ND	15	13	1.2	7	7	70	.37	.097	46	41	.35	367	.11	3	.57	.02	.05	3	1	26000	.57	2.10
B 52934	6	197	96	168	.1	157	207	760	38.04	253	19	ND	24	10	1.0	3	18	36	.06	.145	18	38	.13	67	.03	3	.80	.01	.04	1	560	90	1.59	10.40

Bapty Research Li...ted   FILE # 90-3765

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
B 52954	1	483	7	11	.4	6	9	529	1.59	2	5	ND	1	59	.2	2	2	4	1.54	.028	2	14	.54	1212	.01	2	.16	.04	.02	2	30

Bapty Research Limited PRO..CT GOLD CK FILE # 90-3664

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
C 39303	1	4	2	5	.1	15	2	34	1.57	2	5	ND	4	7	.2	2	2	6	.05	.051	9	5	.03	29	.01	9	.29	.01	.17	1	1
C 39304	1	6	7	12	.1	21	5	32	1.15	5	5	ND	4	5	.2	2	2	5	.06	.053	6	5	.03	34	.01	8	.31	.01	.18	1	1
B 52951	4	5	4	1	.1	19	1	51	.52	2	5	ND	1	5	.2	2	2	1	.02	.002	2	12	.13	6	.01	2	.12	.02	.01	1	1
B 52952	2	5	2	5	.1	8	4	1634	2.80	4	5	ND	1	188	.4	2	2	6	.02	.011	2	5	.06	2343	.01	5	.05	.01	.01	1	1
B 52953	1	1283	2	2	.2	13	2	665	1.49	3	15	ND	1	59	.2	2	2	5	16.62	.021	3	1	8.93	180	.01	5	.11	.01	.07	1	3
STANDARD C	19	60	41	130	7.2	73	31	1051	3.98	40	20	7	36	51	18.4	15	21	55	.51	.094	37	60	.87	183	.07	36	1.90	.06	.14	11	-

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
B 52218	2	584	5	19	.5	13	43	498	2.20	5	5	ND	12	9	.4	2	3	12	.57	.011	12	10	.07	3	.01	2	.17	.05	.02	1	9
B 52219	5	1092	7893	56	3.4	45	14	24	2.08	22593	5	3	4	6	2.3	2	5	1	.01	.005	9	34	.01	13	.01	4	.18	.01	.08	1	2314
B 52220	2	22	330	27	.7	9	5	75	3.07	14	5	ND	8	2	.2	2	2	19	.01	.019	17	20	1.49	12	.02	2	1.43	.03	.01	3	5
B 52221	4	36	49	74	.2	17	8	994	5.95	74	5	ND	6	4	.4	2	2	3	.01	.021	23	26	.08	29	.01	8	.29	.01	.11	1	42
B 52222	2	7	46	11	.5	10	1	47	1.73	3	5	ND	12	20	.2	2	5	22	.03	.018	37	21	.11	11	.10	5	.37	.06	.10	1	18
B 52223	32	82	2909	45	73.3	11	1	39	2.69	5	5	ND	7	9	.3	3	576	12	.01	.024	17	41	.01	315	.01	2	.20	.02	.13	2	515
B 52224	3	23	59	15	.3	20	38	112	2.53	19	5	ND	9	3	.3	2	3	4	.01	.016	19	7	.02	19	.01	2	.33	.04	.06	1	65
B 52225	1	193	20	100	.6	40	30	784	7.80	2	5	ND	1	33	.2	5	2	161	.66	.110	16	42	1.98	26	.23	2	3.39	.02	.04	1	6
B 52226	3	37	108	51	.4	8	4	85	2.59	102	5	ND	9	3	.4	2	5	4	.03	.026	27	2	.03	25	.01	5	.55	.01	.13	1	23
B 52228	3	13	28	15	.3	25	17	89	4.21	37334	5	ND	7	6	.7	2	2	2	.10	.049	19	19	.01	38	.01	6	.29	.02	.16	1	42
B 52824	16	9	264	26	.7	13	2	80	2.24	33	5	ND	4	4	.2	2	5	1	.01	.017	16	3	.01	16	.01	3	.13	.01	.07	1	38
B 52825	4	18	28	24	.2	10	3	500	2.51	60	5	ND	8	4	.2	2	2	1	.03	.025	25	29	.01	19	.01	4	.19	.03	.09	1	15[illegible]
B 52826	2	21	299	69	3.0	12	5	272	1.15	55	7	ND	8	5	.2	2	6	1	.16	.075	20	6	.01	17	.01	33	.23	.03	.05	1	[illegible]
B 52827	7	13	15	9	.1	16	1	51	2.46	8	5	ND	1	2	.2	2	2	13	.01	.009	2	46	.03	5	.01	4	.21	.01	.09	1	39
B 52828	1	310	14	33	.1	26	39	272	6.17	54	5	ND	15	29	1.3	2	2	27	.11	.053	20	5	.03	58	.04	2	1.03	.01	.19	1	2
B 52829	5	9	16	5	.2	20	7	42	3.25	2	5	ND	4	1	.2	2	2	1	.01	.009	5	35	.01	14	.01	3	.13	.03	.01	1	21
B 52830	4	111	7145	505	11.3	13	10	2761	2.40	2	5	ND	1	12	2.0	5	28	8	.02	.006	2	3	.01	24	.01	2	.03	.01	.01	1	203
B 52831	2	476	3159	215	.3	44	62	1807	14.99	137	5	ND	1	4	2.5	2	4	36	.03	.065	10	10	.06	24	.01	8	.66	.01	.17	1	12
B 52832	3	46	56	24	.3	5	3	73	4.19	10	5	ND	16	5	.2	2	2	7	.01	.041	43	18	.20	50	.01	5	.96	.01	.24	1	35
B 52833	2	11	75	38	.3	15	6	98	6.05	560	5	ND	6	2	.2	2	2	2	.01	.038	18	1	.01	20	.01	5	.17	.01	.12	1	414
B 52834	5	7	75	9	.2	4	1	67	3.13	17	5	ND	20	2	.2	2	3	3	.01	.013	54	4	.01	14	.01	3	.20	.01	.15	1	205
B 52835	6	37	3878	230	32.9	5	1	29	1.37	2	5	ND	7	8	1.9	11	89	17	.01	.015	20	7	.05	35	.01	7	.18	.01	.16	1	942
B 52836	1	1	18	163	.3	37	11	692	7.91	2	5	ND	8	6	.3	6	2	46	.12	.049	4	45	2.72	19	.01	2	3.56	.01	.08	2	24
B 52837	1	15	70	54	.4	24	4	132	6.93	2	5	ND	10	6	.2	3	4	22	.01	.016	23	8	.11	51	.02	5	.52	.02	.27	1	88
B 52838	2	15	2	12	.1	11	12	61	1.90	6	5	ND	22	4	.2	2	2	9	.15	.072	18	45	.39	7	.01	2	.61	.07	.03	2	3
C 49038	1	3036	9	13	1.9	32	9	306	1.44	2	5	ND	11	18	.3	4	47	7	1.55	.094	30	40	2.61	1253	.01	3	1.47	.01	.16	1	109
C 49040	1	6	3	1	.1	14	4	433	.94	2	6	ND	10	21	.2	4	2	5	3.37	.052	26	28	2.64	215	.01	2	.72	.01	.14	1	25
C 49041	1	10	17	6	.1	10	3	118	.85	2	6	ND	7	4	.2	2	5	6	.19	.028	26	18	.46	84	.01	6	.63	.01	.14	1	1
STANDARD C/AU-R	18	63	44	133	7.3	73	32	1055	3.97	38	18	8	36	53	18.6	15	20	57	.52	.095	38	60	.87	180	.07	39	1.89	.06	.14	11	515

Aug 92

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
B 52227	1	53	29	55	.1	28	71	527	7.15	19	7	ND	7	11	.5	2	2	76	.29	.018	19	11	.36	51	.19	2	.87	.02	.07	1	92

Doc 27

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
C 49039	1	37	4	30	.1	9	4	164	1.00	2	5	ND	1	33	.2	2	2	11	.60	.084	8	8	.35	654	.04	4	1.29	.05	.06	1	6

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

GOLD CK

GEOCHEMICAL ANALYSIS CERTIFICATE

Bapty Research Limited File # 90-3192 Page 1

901 Industrial Road #2, Cranbrook BC V1C 4C9

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
C 49024	2	16	10	41	.1	17	6	1530	1.35	2	5	ND	3	14	.2	2	2	11	.66	.057	18	16	.45	450	.02	6	.98	.03	.16	1	3
C 49027	1	13	8	11	.1	17	7	365	1.72	3	5	ND	8	6	.2	2	2	8	.68	.047	26	20	.79	183	.01	6	.88	.01	.16	1	1
C 49028	1	5	4	14	.1	11	5	232	1.31	2	5	ND	10	4	.2	2	2	5	.26	.052	29	13	.46	135	.01	4	.72	.01	.11	1	2
C 49034	1	9	2	14	.1	22	11	545	3.22	2	5	ND	6	5	.3	2	2	18	.19	.056	30	25	.92	64	.02	10	1.26	.01	.20	1	5

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 Silt P2 Rock AU** ANALYSIS BY FA\ICP FROM 10 GM SAMPLE.

DATE RECEIVED: AUG 7 1990 **DATE REPORT MAILED:** Aug 13/90. **SIGNED BY** C. Leong ....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
C 49025	5	6	3	1	.1	9	1	692	.98	2	5	ND	1	18	.2	2	2	3	1.91	.008	2	44	1.11	24	.01	4	.26	.01	.01	1	6
C 49026	1	1	2	3	.1	4	3	1186	1.98	2	5	ND	1	47	.2	2	2	6	16.55	.018	4	1	6.39	111	.01	4	.16	.01	.09	1	4
C 49029	1	2	2	6	.1	9	5	231	1.39	2	7	ND	11	4	.2	2	2	7	.22	.051	46	14	.16	49	.01	4	.68	.01	.32	1	5
C 49030	1	5	4	11	.1	13	6	149	2.34	2	5	ND	1	3	.2	2	2	1	.35	.028	12	10	.90	27	.03	2	.75	.01	.10	1	6
C 49031	6	8	2	1	.1	13	1	172	.64	7	8	ND	1	4	.2	2	2	1	.02	.003	2	52	.04	18	.01	2	.08	.01	.02	1	3
C 49032	1	43	35	52	.1	18	10	312	2.73	3	5	ND	7	37	.3	6	2	21	4.38	.026	25	30	3.08	30	.11	4	2.60	.02	.26	1	9
C 49033	2	3	2	15	.1	35	21	388	4.65	2	5	ND	1	5	.2	5	2	11	.18	.072	12	37	2.40	52	.03	2	2.25	.01	.15	1	11
C 49035	1	1	6	1	.1	4	3	798	1.31	2	6	ND	1	99	.3	2	2	5	13.86	.011	2	1	7.34	412	.01	8	.13	.01	.01	1	3
C 49036	1	485	3	31	.3	23	20	972	9.77	2	5	ND	1	38	.3	13	2	35	3.24	.311	6	25	2.25	138	.11	12	2.42	.01	.33	1	6
C 49037	1	37	2	33	.1	38	35	360	7.48	2	5	ND	1	11	.2	5	2	75	.91	.218	15	33	4.02	86	.06	3	3.44	.01	.09	1	1
B 52811	1	7	4	2	.1	10	4	530	1.92	12	9	ND	1	25	.2	2	2	3	12.34	.027	4	1	7.02	10	.01	21	.34	.01	.12	1	9
B 52812	2	4	2	2	.4	228	150	393	27.96	73	5	ND	2	14	.2	15	2	4	3.08	.046	2	29	1.69	31	.01	27	.37	.01	.12	1	[illegible]
B 52813	2	4	2	2	.1	27	13	252	3.28	15	5	ND	9	11	.3	6	2	5	2.96	.076	3	19	2.68	18	.01	85	1.12	.01	.30	1	[illegible]
B 52814	2	6	10	2	.2	48	24	245	8.45	48	6	ND	8	13	.4	9	2	5	3.62	.053	2	19	2.82	18	.01	101	1.01	.02	.43	1	2
B 52815	1	17	7	1	.1	20	10	551	5.17	35	8	ND	3	16	.2	2	2	6	7.13	.039	4	12	5.07	12	.01	29	.83	.01	.14	1	5
B 52816	1	52	4	1	.1	115	65	268	10.22	130	5	ND	2	9	.6	9	2	4	3.33	.042	3	24	2.49	27	.01	23	.67	.01	.13	1	1
B 52817	1	1	4	5	.1	11	8	748	2.67	2	5	ND	3	40	.2	4	2	5	19.93	.035	11	13	.82	53	.01	8	1.01	.01	.11	1	2
B 52818	1	1	8	10	.1	13	6	408	1.51	2	5	ND	9	18	.2	2	2	5	1.93	.056	27	20	1.27	549	.01	3	.99	.01	.25	1	1
B 52819	1	1	4	1	.1	8	3	349	.98	2	7	ND	6	21	.2	5	2	5	4.67	.052	12	14	1.72	87	.01	7	.31	.01	.17	1	1
B 52820	1	1	5	1	.1	15	6	441	1.59	2	5	ND	6	10	.2	3	2	6	3.52	.059	21	14	1.03	135	.01	15	.50	.04	.26	1	3
B 52821	1	1	2	1	.1	7	4	414	1.19	2	8	ND	6	25	.2	4	2	4	4.71	.048	9	12	3.19	59	.01	5	.28	.05	.18	1	2
B 52822	1	1	3	3	.1	7	4	597	1.46	2	9	ND	3	37	.2	2	2	6	7.75	.040	7	4	4.70	48	.01	7	.19	.05	.15	1	9
B 52823	1	1	2	2	.1	9	5	483	1.68	2	5	ND	7	21	.2	4	2	9	4.06	.055	10	17	2.38	78	.01	5	.42	.01	.22	1	1
STANDARD C/AU-R	18	62	42	132	7.3	72	31	1053	3.99	39	21	7	36	53	18.9	16	22	55	.51	.094	39	61	.88	180	.07	36	1.88	.06	.13	13	503

ACME ANA 'ICAL LABORATORIES LTD. 852 E. HASTINGS ST. V :OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(' ')253-1716

GOLD C.

GEOCHEMICAL ANALYSIS CERTIFICATE

Dragoon Resources Ltd. File # 90-3097

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Hg ppb
C 49012	1	1	2	2	.2	4	2	1038	1.43	6	8	ND	2	63	.2	2	15	6	18.98	.007	3	3	9.03	115	.01	10	.07	.01	.03	1	1	70
C 49013	1	9	8	2	.2	13	15	813	1.66	6	5	ND	7	58	.3	2	13	9	11.78	.027	8	8	6.19	86	.01	7	.22	.01	.10	2	2	200
C 49014	1	2	6	1	.1	4	6	839	1.34	3	6	ND	5	63	.2	2	11	6	15.38	.021	4	7	7.62	1408	.01	11	.09	.01	.06	1	1	110
C 49015	1	3	5	1	.3	6	11	835	1.34	7	7	ND	5	81	.2	2	9	7	15.20	.019	4	8	7.25	1424	.01	8	.09	.01	.07	1	3	90
C 49016	3	3	5	4	.1	9	3	650	1.85	2	5	ND	4	3	.2	2	2	4	1.41	.029	8	31	.18	217	.01	2	.16	.01	.07	1	20	10
C 49017	1	1	2	3	.3	3	4	1107	1.41	3	8	ND	2	60	.2	2	12	6	18.37	.021	3	6	8.68	50	.01	2	.11	.01	.04	1	2	10
C 49018	1	1	7	26	.1	15	9	1191	7.20	4	5	ND	2	17	.2	2	2	9	2.01	.175	12	17	2.48	266	.05	2	2.11	.01	.19	1	1	20
C 49019	1	2	15	17	.1	13	9	395	3.19	4	5	ND	12	9	.2	2	2	2	.21	.031	38	10	.23	126	.01	2	.83	.01	.17	2	2	30
C 49020	1	9	10	18	.1	10	7	85	2.57	4	5	ND	13	8	.2	2	2	3	.21	.035	41	5	.24	75	.01	4	.74	.02	.17	1	2	20
C 49021	1	3	9	16	.1	8	5	66	2.59	2	5	ND	12	10	.2	2	2	3	.45	.049	46	5	.23	87	.01	4	.49	.01	.20	1	2	5
C 49022	3	1	3	8	.1	15	5	796	4.74	2	5	ND	1	11	.2	2	2	3	2.47	.067	12	21	.64	164	.06	6	.60	.01	.17	1	1	30
C 49023	3	21	4	4	.2	10	6	216	.44	2	5	ND	1	2	.2	2	2	1	.05	.005	2	11	.05	24	.01	2	.07	.01	.01	1	2	190
STANDARD C/AU-R	20	58	41	131	7.2	73	32	1053	3.97	40	21	7	38	52	18.9	16	19	57	.52	.096	38	61	.90	183	.08	33	1.89	.06	.13	12	540	1300

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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 1 1990 **DATE REPORT MAILED:** Aug 8/90. **SIGNED BY** C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 # 90-3065 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

N. GOLD

CAVEN

CAVEN

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	Hg ppb
C 49002	1	12	11	29	.2	6	2	630	.76	9	5	ND	1	34	.2	10	3	4	23.08	.005	2	2	8.26	58	.01	6	.05	.01	.02	2	1	250
C 49003	1	3	3	7	.1	1	3	140	.60	2	5	ND	3	65	.2	2	2	4	23.13	.018	9	4	.79	64	.01	4	.38	.01	.05	1	2	20
C 49004	1	57	9	4	.1	15	9	226	1.26	14	5	ND	9	5	.2	2	2	4	1.99	.016	30	6	.31	46	.01	16	.71	.01	.18	1	4	40
C 49005	2	4	2	4	.1	16	6	51	.98	5	5	ND	4	3	.2	2	2	3	.14	.012	12	8	.32	12	.01	4	.52	.01	.08	1	4	10
C 49008	1	5	2	2	.1	6	5	689	1.13	7	5	ND	5	31	.2	7	2	4	14.58	.038	8	3	6.82	38	.01	17	.13	.01	.05	1	1	130
C 49009	1	8	3	8	.1	6	3	107	.80	6	5	ND	2	44	.2	2	2	3	20.08	.021	9	4	.80	43	.01	6	.41	.01	.09	2	1	20
C 49010	2	2	5	3	.2	11	4	46	.56	2	5	ND	1	5	.2	2	2	2	.15	.035	5	7	.07	20	.01	5	.20	.02	.05	1	1	10
C 49011	1	9	2	14	.2	14	8	168	2.11	3	5	ND	7	23	.2	2	3	14	9.36	.060	17	15	1.32	41	.01	6	1.20	.01	.12	2	1	30
B 52803	1	2	2	1	.1	15	6	516	4.42	6	5	ND	4	18	.5	4	2	5	9.97	.019	4	7	5.03	40	.01	10	.10	.01	.04	1	1	60
B 52804	1	11	2	1	.1	14	6	259	2.06	5	5	ND	6	8	.2	2	2	7	11.30	.026	6	11	1.53	19	.01	9	.49	.01	.03	1	1	140
B 52805	1	14	7	2	.1	18	6	264	2.12	7	5	ND	11	11	.2	3	3	16	9.56	.047	6	19	3.47	27	.01	25	1.49	.01	.06	1	3	470
B 52806	1	10	11	1	.1	20	38	230	1.93	5	5	ND	9	8	.2	2	2	9	3.11	.066	26	18	2.44	17	.01	14	1.04	.02	.10	1	4	860
B 52808	1	3	9	1	.1	14	28	362	2.01	5	5	ND	5	31	.2	4	2	5	8.75	.025	5	6	4.38	26	.01	14	.26	.01	.05	1	1	440
B 52809	1	2	7	1	.2	8	7	444	1.08	4	5	ND	3	19	.2	4	2	4	9.60	.013	3	5	4.04	4	.01	12	.10	.02	.02	1	4	120
B 52810	1	1	2	2	.1	19	7	292	2.02	2	5	ND	8	13	.2	3	2	7	6.03	.043	17	10	4.38	54	.01	11	1.36	.01	.10	1	1	120
B 52817	1	1718	2	3	.1	5	11	553	2.03	7	5	ND	3	7	.2	4	2	10	17.10	.024	5	4	.31	114	.01	16	.14	.01	.08	1	4	450
STANDARD C	20	58	38	132	7.1	72	32	1054	3.96	40	15	7	38	52	18.4	15	21	57	.48	.096	39	60	.88	183	.08	34	1.88	.06	.14	13	-	1300

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 Rock P2 Silt AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: AUG 1 1990 **DATE REPORT MAILED:** Aug 8/90. **SIGNED BY** C. Leong ..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	Hg ppb
C 49001	1	11	7	10	.1	13	6	256	1.51	5	5	ND	4	7	.2	2	2	8	.36	.019	18	11	.23	146	.02	2	1.07	.01	.06	1	3	30
C 49006	1	12	8	13	.1	9	4	273	1.12	2	6	ND	1	29	.2	2	2	6	6.52	.042	9	11	.51	99	.01	3	.63	.01	.05	1	2	50
C 49007	1	9	6	11	.1	9	5	245	1.32	2	5	ND	1	14	.3	2	2	8	3.01	.031	13	11	.62	79	.01	2	.63	.01	.05	1	4	40
B 52807	1	10	8	1	.4	19	29	602	3.34	13	5	ND	2	32	.6	2	2	7	11.29	.033	4	3	5.63	64	.01	43	.29	.01	.01	1	1	260

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 # 90-2859 GOLD CK.

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Hg ppb
B 52214	2	5509	7	21	4.2	24	1	313	1.15	35	6	ND	7	22	.4	3	39	5	2.24	.055	25	18	2.44	1304	.01	5	1.22	.01	.21	3	96	18000
B 52215	22	4937	5	18	3.5	19	1	587	1.25	8	5	ND	6	23	.2	2	60	5	3.97	.056	15	20	3.38	546	.01	4	1.08	.01	.16	2	118	11400
B 52216	1	36	13	44	.1	9	3	390	1.76	12	5	ND	7	50	.9	2	2	3	8.00	.023	21	5	4.72	57	.01	7	.64	.01	.39	1	13	80
B 52594	1	22	7	2	.1	5	4	855	3.43	7	5	ND	1	26	1.6	2	2	22	15.33	.008	2	8	6.72	13	.01	5	.03	.02	.01	1	3	60
B 52595	1	40	10	2	.1	9	7	179	.81	6	5	ND	7	20	.2	2	2	4	6.08	.057	20	5	2.74	13	.01	10	.52	.01	.14	1	5	160
B 52596	2	12	4	1	.1	14	8	231	2.76	12	5	ND	7	9	.2	2	2	2	2.42	.053	16	5	2.54	41	.01	6	1.16	.01	.13	1	2	220
B 52597	1	19	2	1	.1	20	12	227	2.13	9	7	ND	6	18	.8	2	7	3	8.52	.040	5	7	5.60	27	.01	12	.09	.04	.02	1	4	280
B 52598	2	7	3	1	.1	50	71	76	4.21	7	5	ND	6	3	.2	2	2	2	.44	.065	18	7	.41	175	.01	9	.60	.04	.03	1	3	130
B 52599	1	8	2	1	.1	20	2	164	1.72	9	5	ND	4	23	.2	2	2	6	16.46	.020	4	19	7.42	303	.01	2	.36	.03	.02	1	1	80
B 52600	2	6	2	1	.1	18	27	140	1.93	7	5	ND	10	11	.2	2	2	3	4.09	.069	16	7	1.70	1491	.01	5	.25	.05	.02	1	1	430
B 52801	1	5	2	1	.1	7	4	681	2.73	5	5	ND	1	38	1.3	2	2	2	19.88	.025	3	3	8.86	80	.01	13	.01	.02	.01	1	4	380
B 52802	2	6	2	1	.1	9	5	218	1.02	4	5	ND	1	13	.2	2	2	4	5.77	.002	2	8	3.28	6	.01	4	.01	.02	.01	1	5	30
STANDARD C	19	60	43	132	7.3	74	32	1033	4.09	43	25	7	37	52	18.3	15	18	55	.56	.095	37	60	.94	172	.07	34	1.96	.06	.13	11	-	1300

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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 25 1990 **DATE REPORT MAILED:** July 31/90 **SIGNED BY** C.Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANA :ICAL LABORATORIES LTD. 852 E. HASTINGS ST. \ :OUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX( )253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

GOLD CK

<u>Dragoon Resources Ltd.</u> File # 90-2783

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Hg ppb
B 52201	3	68	27	27	.1	40	22	936	6.67	41	5	ND	6	4	.2	7	5	11	.32	.054	19	12	.34	181	.01	5	.91	.01	.13	2	1	70
B 52202	1	6	2	1	.1	8	5	287	.98	2	5	ND	10	6	.2	2	2	8	.29	.093	19	9	.24	79	.01	16	.68	.02	.22	2	3	50
B 52203	1	4	2	1	.1	8	6	705	2.02	2	5	ND	9	10	.2	2	2	4	3.05	.056	16	8	.39	148	.01	6	.39	.04	.08	1	1	30
B 52204	1	22	2	1	.1	11	7	626	1.67	13	5	ND	7	68	.2	2	2	6	12.22	.070	9	7	.61	56	.01	6	.63	.02	.12	1	1	10
B 52205	1	4	2	8	.1	2	3	931	1.37	2	5	ND	1	128	.2	2	2	7	21.39	.019	3	6	5.44	409	.01	3	.03	.01	.01	1	1	190
B 52206	1	8	2	1	.1	2	2	274	.39	4	5	ND	1	99	.2	2	2	2	30.32	.012	8	2	1.05	49	.01	6	.06	.01	.03	2	1	280
B 52207	1	2192	7	17	.1	1	1	1317	1.91	4	5	ND	1	13	.5	3	2	3	20.04	.001	3	1	7.42	21	.01	5	.24	.01	.02	1	1	80
B 52208	1	493	3	13	1.4	4	2	1045	1.76	144	5	ND	2	41	.8	40	2	3	16.82	.017	5	1	6.21	25	.01	13	.08	.01	.05	1	1	39000
B 52209	1	3053	2	62	7.9	3	1	396	1.23	739	5	ND	3	43	.7	573	5	3	12.34	.020	4	2	6.46	49	.01	32	.09	.01	.06	1	3	762000
B 52210	2	112	6	6	.3	32	11	214	7.40	30	5	ND	5	44	2.0	13	3	3	8.10	.033	6	3	1.20	313	.01	15	.15	.01	.11	1	1	38000
B 52211	1	9832✓	2	16	3.4	9	1	535	1.89	1655	5	ND	1	72	.2	93	2	2	24.17	.011	15	2	2.70	28	.01	9	.12	.01	.02	1	1	106000
B 52212	2	435	14	32	.6	24	16	209	3.55	11	5	ND	3	6	.2	2	4	21	.24	.015	2	11	.59	34	.01	4	1.17	.01	.05	2	2	230
B 52213	4	22	2	2	.1	36	13	314	2.83	5	5	ND	4	27	.2	2	2	4	4.25	.033	6	5	2.49	129	.01	12	.17	.01	.10	1	2	1600
B 52498	1	46	2	20	.1	22	20	130	1.06	7	5	ND	1	5	.2	2	2	10	.84	.033	3	4	1.05	8	.07	3	.52	.01	.04	1	1	140
B 52499	2	39	50	20	.1	17	9	89	2.70	9	5	ND	9	7	.2	4	2	7	.32	.050	25	12	.45	60	.01	3	.94	.01	.15	1	3	30
B 52500	3	18	7	18	.1	19	8	829	2.91	6	5	ND	2	4	.2	4	2	6	.07	.045	7	11	.21	61	.01	5	.59	.01	.05	1	1	60
B 52588	1	48	4	70	.1	16	10	156	2.47	9	5	ND	8	19	.2	2	2	6	2.65	.035	22	9	2.18	38	.02	4	1.48	.01	.33	1	1	50
B 52589	1	56	8	616	.1	44	52	3639	4.03	5	5	ND	1	35	1.2	2	2	6	.95	.008	9	4	3.03	20	.01	2	2.74	.01	.01	1	1	700
B 52590	1	2	2	6	.1	6	2	748	1.22	5	5	ND	2	18	.2	2	2	5	12.65	.012	11	3	4.20	43	.01	2	.04	.01	.01	1	1	110
B 52591	1	18	7	8	.1	17	11	793	4.80	9	5	ND	2	15	.8	2	2	4	9.60	.035	2	3	1.75	321	.01	2	.06	.01	.02	1	1	260
B 52592	1	341	14	7	.1	30	36	1617	9.48	22	8	ND	1	15	3.2	2	16	6	21.24	.040	2	12	.35	1093	.01	2	.07	.01	.01	1	1	660
B 52593	3	7	5	4	.1	10	15	955	3.46	10	6	ND	1	52	.9	2	2	4	18.88	.022	2	2	6.74	24	.01	16	.02	.01	.01	2	2	90
STANDARD C/AU-R	18	58	38	132	7.3	72	31	1030	4.08	41	21	7	36	53	18.5	16	19	55	.52	.096	37	57	.94	179	.07	35	1.94	.06	.14	11	490	1400

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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 23 1990 DATE REPORT MAILED: July 26/90 SIGNED BY C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY IN PROGRESS

GOLD

GEOCHEMICAL ANALYSIS CERTIFICATE

Draqoon Resources Ltd. File # 90-2163

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Hg ppb
B 52448	1	123	6	5	.1	3	2	464	1.11	44	5	ND	1	52	.2	7	2	2	28.39	.026	6	4	2.41	67	.01	4	.10	.01	.02	2	1	1100
B 52479	1	8	2	1	.1	40	31	182	2.83	11	5	ND	8	4	.2	2	6	12	.19	.035	23	6	.16	39	.01	12	.51	.01	.12	1	1	140
B 52480	1	133	12	3	.3	4	3	192	.93	33	5	ND	2	235	.2	2	3	1	35.01	.056	22	2	.28	10	.01	12	.19	.02	.01	1	1	2300
B 52481	1	274	2	2	.3	3	3	600	1.94	116	5	ND	1	58	.2	14	3	3	29.91	.049	9	7	1.47	30	.01	4	.11	.01	.02	1	1	2500
B 52482	1	144	3	4	.1	4	3	564	.41	8	5	ND	1	28	.4	4	2	1	35.32	.028	3	5	.40	117	.01	9	.17	.01	.01	1	1	1900
B 52483	1	283	5	1	.1	3	2	398	1.28	33	5	ND	1	67	.2	2	2	2	21.63	.014	7	1	4.35	15	.01	12	.03	.01	.02	1	1	1200
B 52484	1	443	8	2	.1	4	3	775	1.77	7	5	ND	1	69	.2	2	2	2	17.96	.020	10	1	5.25	34	.01	3	.07	.01	.03	1	1	4400
B 52485	1	48	4	2	.1	4	4	557	2.47	9	5	ND	1	112	.4	2	2	3	16.56	.024	7	1	6.30	1225	.01	5	.05	.01	.02	1	2	16400
B 52486	1	277	3	3	.4	3	1	402	.73	72	5	ND	1	92	.2	14	2	1	22.58	.008	5	2	3.84	48	.01	9	.07	.01	.02	1	1	9200
B 52487	4	2387	47	9	1.1	55	107	408	38.27	20	5	ND	1	10	.2	6	10	16	1.07	.046	2	20	.19	449	.01	2	.36	.01	.02	1	6	1800
B 52488	2	2546	26	5	.2	49	102	1985	11.22	30	5	ND	5	10	.2	2	10	23	4.32	.090	23	22	.26	220	.01	7	1.23	.01	.10	1	12	740
B 52489	1	23	6	6	.1	18	4	196	1.98	8	5	ND	11	7	.2	3	2	4	.60	.076	29	9	.91	66	.01	8	1.94	.01	.15	2	3	280
B 52490	1	15	4	2	.1	10	2	119	1.29	604	7	ND	5	5	.2	3	2	2	14.22	.077	10	6	.57	31	.01	7	1.10	.01	.09	1	21	160
B 52491	1	18	8	1	.1	9	5	356	1.92	4	8	ND	6	16	.4	6	2	2	11.77	.049	12	8	2.78	24	.01	12	.48	.01	.07	1	3	120
B 52492	1	456	9	8	.2	84	66	246	22.74	2	5	ND	5	8	.2	2	5	10	.40	.077	16	19	.42	130	.01	2	1.66	.01	.07	2	2	200
B 52493	1	9	5	1	.2	4	5	488	7.86	41	5	ND	1	45	.7	12	2	8	24.17	.027	10	20	1.63	175	.01	9	.06	.01	.01	1	1	850
B 52494	1	36	5	1	.3	2	4	216	1.15	21	6	ND	1	111	.3	4	3	1	32.84	.025	16	3	.32	17	.01	6	.07	.01	.01	1	2	1400
B 52495	1	520	4	1	.3	4	2	822	1.74	133	5	ND	1	57	.2	2	2	5	19.58	.015	5	1	6.87	21	.01	8	.04	.02	.01	1	1	15000
B 52496	3	292	59	14	.3	57	95	2376	18.82	30	5	ND	2	10	.2	4	4	19	.54	.115	21	19	.94	432	.01	2	1.10	.01	.11	1	3	1100
B 52497	2	20	2	6	.1	7	9	2802	7.24	6	5	ND	1	6	.8	2	2	2	.51	.027	14	7	.30	425	.01	2	.18	.01	.04	1	1	500
STANDARD C/AU-R	18	62	42	132	7.3	69	31	1018	3.80	40	17	8	36	51	18.6	15	19	56	.50	.098	36	59	.85	179	.08	35	1.87	.06	.14	11	520	1500

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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUL 3 1990 DATE REPORT MAILED: July 9/90 SIGNED BY C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 # 90-1772R2 Page 1

305 - 675 W. Hastings St., Vancouver BC

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	Au** ppb
B 52405	11	61	25	1	.2	39	40	146	44.33	799	9	ND	9	4	1.1	3	13	9	.20	.047	6	4	.20	39	.01	8	.21	.01	.12	1	11	25

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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. AU** ANALYSIS BY FA/ICP FROM 10 GM SAMPLE.

DATE RECEIVED: JUL 5 1990 DATE REPORT MAILED: July 4/90. SIGNED BY. C. Leong ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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 # 90-2087 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

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	Hg ppb
B 52445	1	178	2	27	.4	4	3	280	1.12	2	5	ND	3	61	.3	10	2	9	16.57	.015	8	18	2.01	12	.05	2	1.36	.01	.05	1	6	5
B 52446	1	76	12	102	.1	29	25	574	6.45	5	5	ND	1	126	.7	4	5	71	1.81	.326	20	28	1.14	8	.19	3	1.89	.03	.02	1	1	20
B 52447	2	441	8	48	.4	9	2	160	.57	2	5	ND	9	16	.2	3	4	8	5.45	.034	25	14	.52	20	.15	21	.38	.03	.04	1	1	30
B 52451	1	12	27	55	.1	12	7	289	1.17	18	5	ND	3	86	.2	9	2	5	16.13	.022	7	10	1.69	31	.02	16	.70	.01	.39	1	3	10
B 52452	1	36	12	15	.3	10	9	765	2.55	14	5	ND	3	31	.2	2	2	3	9.09	.026	7	1	5.24	24	.01	3	.94	.01	.13	1	3	5
B 52453	1	51	227	132	1.0	32	26	936	7.60	67	5	ND	1	18	1.1	12	2	34	2.52	.153	13	31	2.06	62	.01	6	2.99	.01	.05	1	1	30
B 52454	2	12	294	186	.8	15	10	1018	3.88	32	5	ND	1	19	.8	4	2	6	11.28	.050	12	13	.67	129	.01	2	.78	.01	.07	1	2	120
B 52455	1	7	52	72	.3	6	4	593	1.76	30	5	ND	3	72	1.1	3	5	1	18.44	.023	18	5	.52	50	.01	2	.30	.01	.09	1	2	20
B 52456	2	14	14	25	.1	26	8	694	2.90	2	5	ND	4	6	.2	2	3	3	.13	.032	13	5	.07	346	.01	9	.35	.01	.13	2	1	30
B 52457	1	10	8	21	.1	32	16	615	2.22	12	5	ND	3	8	.2	2	2	6	.29	.077	17	10	.48	161	.01	14	.79	.01	.17	1	1	20
B 52458	2	14	7	18	.1	35	16	858	2.11	4	5	ND	3	17	.2	2	2	3	.04	.080	13	12	.06	1589	.01	3	.44	.01	.12	1	1	20
B 52459	1	19	5	38	.1	7	7	502	1.54	5	5	ND	7	69	.4	3	2	2	8.62	.032	31	9	.89	77	.01	6	.51	.01	.17	1	1	5
B 52460	1	44	15	105	.3	55	41	713	7.81	11	5	ND	1	35	.8	10	4	53	.96	.178	21	30	1.92	67	.18	9	3.31	.02	.09	2	1	30
B 52461	1	43	20	120	.2	37	40	632	8.40	3	5	ND	1	39	1.3	8	2	54	.99	.174	20	30	1.78	93	.21	6	3.41	.02	.30	1	2	20
B 52462	1	3	29	40	.1	9	6	409	1.00	2	5	ND	7	33	.4	2	5	12	.89	.034	23	18	.88	27	.19	19	.93	.03	.29	2	1	10
B 52463	1	15	18	49	.1	10	4	416	1.40	4	5	ND	1	105	.3	9	2	4	23.80	.022	13	11	1.23	29	.01	2	.82	.01	.29	1	2	40
B 52464	1	15	17	17	.6	18	21	963	13.35	9	5	ND	1	11	.2	9	3	31	21.38	.010	3	29	.54	115	.01	9	.36	.01	.01	1	2	230
B 52465	1	5	8	6	.3	6	4	1902	2.48	10	5	ND	1	17	.2	2	2	3	24.05	.023	11	1	5.99	43	.01	8	.50	.02	.02	1	1	100
B 52466	1	6	15	5	.3	16	8	844	3.25	4	5	ND	3	15	.3	10	2	7	24.66	.045	6	14	2.75	52	.01	2	.93	.01	.01	1	2	150
B 52467	4	67	7	1	.1	16	22	3187	2.73	44	5	ND	1	9	.4	3	2	30	.46	.033	2	9	.14	43	.01	2	.13	.01	.01	1	2	20
B 52468	1	62	13	99	.1	37	30	459	7.77	2	5	ND	1	29	.7	3	5	167	1.83	.259	16	35	.95	140	.24	10	2.25	.04	.08	3	15	10
B 52469	1	81	19	127	.1	36	42	958	10.75	2	5	ND	1	45	.2	5	2	193	1.76	.308	32	31	.97	401	.31	10	2.55	.03	.11	1	2	10
B 52470	3	7	9	23	.1	13	3	764	.54	3	5	ND	3	8	.2	2	2	4	.09	.023	17	5	.13	70	.01	4	.24	.01	.03	1	3	5
B 52471	4	49	9	51	.1	15	5	1790	1.87	9	5	ND	2	15	.6	2	3	9	.25	.079	42	6	.05	133	.02	6	.25	.01	.04	2	1	5
B 52472	1	3	2	4	.1	9	6	1712	5.28	5	5	ND	1	16	.2	2	2	3	12.72	.024	4	8	.19	68	.01	2	.15	.01	.03	1	3	10
B 52473	3	23	9	9	.1	39	7	2077	3.96	13	5	ND	3	6	.2	2	4	6	.37	.026	10	15	.12	150	.01	2	.52	.01	.04	2	3	60
B 52474	1	31	2	14	.1	15	9	131	3.00	19	5	ND	7	7	.2	2	4	8	.20	.038	22	16	.39	32	.01	9	1.11	.01	.11	1	1	40
B 52475	2	27	8	4	.9	25	12	309	41.82	63	5	ND	1	4	.4	16	8	45	2.26	.054	2	33	.42	11	.01	4	.27	.01	.02	1	32	2000
B 52476	1	27	14	46	.1	21	16	446	4.89	13	5	ND	6	1	.2	5	2	26	.14	.055	20	43	4.94	8	.01	2	4.28	.01	.02	2	1	10
B 52477	1	77	26	105	.2	31	25	1315	8.97	2	5	ND	4	36	1.0	9	2	127	1.20	.164	26	39	1.77	149	.47	4	3.53	.02	.09	2	1	40
B 52478	1	7	3	21	.1	23	10	143	2.25	7	6	ND	4	31	.2	2	2	9	3.98	1.363	13	14	.43	64	.01	10	1.41	.01	.21	1	2	10
B 52551	1	8216	5	13	.1	33	13	555	1.89	3	5	ND	13	7	1.1	6	2	8	.81	.089	36	44	2.69	66	.01	2	2.04	.01	.13	1	5	20
B 52552	1	35	3	34	.1	19	7	102	1.52	2	5	ND	9	5	.2	4	2	7	.16	.047	26	25	1.40	44	.01	10	1.43	.01	.27	1	1	10
B 52553	1	7	2	8	.1	13	6	1518	5.03	9	5	ND	1	10	.7	3	2	20	30.70	.035	2	9	.26	456	.01	2	.10	.01	.02	1	26	110
B 52554	1	8	8	4	.1	23	6	292	1.47	8	5	ND	10	5	.2	3	2	7	2.23	.090	31	22	.75	104	.01	2	1.08	.01	.21	1	3	60
B 52555	2	162	2	8	.3	1	7	2769	4.11	2	5	ND	1	72	.2	2	2	7	21.06	.007	3	1	7.29	1057	.01	2	.07	.02	.01	1	5	80
STANDARD C/AU-R	18	62	38	134	7.7	72	31	1028	3.89	43	17	7	36	52	18.5	14	22	56	.49	.096	37	61	.85	178	.07	34	1.91	.06	.14	13	510	1600

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: Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. HG ANALYSIS BY FLAMELESS AA.

DATE RECEIVED: JUN 28 1990 DATE REPORT MAILED: July 3/90. SIGNED BY. C. Leong .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	Hg ppb
B 52556	1	6	3	1	.1	3	4	1112	2.84	4	5	ND	1	37	.7	2	2	6	21.38	.016	2	2	.38	1692	.01	2	.19	.01	.02	1	50	370
B 52557	2	17	24	4	.1	9	2	354	.69	2	5	ND	1	3	.2	2	2	2	.03	.006	2	6	.03	86	.01	7	.10	.01	.01	1	6	20
B 52558	9	13	8	7	.1	9	4	1432	1.00	2	5	ND	1	3	.2	3	2	1	.02	.004	2	7	.06	306	.01	4	.10	.01	.01	1	2	20
B 52559	3	107	35	15	.1	12	7	289	1.55	8	5	ND	1	7	.2	3	2	4	.15	.011	3	9	.23	680	.01	2	.43	.01	.03	1	3	30
B 52560	3	6	5	2	.1	10	2	634	.72	4	5	ND	1	2	.2	2	2	2	.01	.005	2	9	.02	65	.01	2	.06	.01	.01	1	2	5
B 52561	3	5	2	3	.1	11	3	1597	1.25	2	5	ND	1	5	.2	2	2	2	.01	.011	2	8	.04	153	.01	2	.13	.01	.01	2	2	10
B 52562	3	3	9	3	.1	7	1	119	.32	2	5	ND	2	1	.2	2	2	1	.01	.002	2	7	.11	27	.01	5	.14	.01	.03	1	4	40
B 52563	1	36	44	579	.1	24	32	745	7.79	3	5	ND	1	31	4.4	3	2	49	1.10	.190	21	14	1.86	55	.16	9	3.65	.01	.07	1	3	80
B 52564	8	39828✓	181	230	1.3	29	31	168	8.41	57	8	ND	2	2	2.7	2	2	8	.07	.028	8	5	.70	23	.01	6	.59	.01	.01	1	25	1600
B 52565	3	163	21	24	.2	11	7	420	1.07	4	5	ND	1	2	.2	3	2	5	.06	.009	8	10	.27	32	.02	10	.41	.01	.01	1	1	20
B 52566	1	390	6	22	.1	28	47	414	9.69	33	5	ND	2	9	2.5	2	2	42	.47	.188	25	8	3.32	50	.01	4	3.52	.01	.08	1	3	30
B 52567	3	63	26	3	.1	8	3	370	.62	2	5	ND	2	2	.2	2	2	4	.03	.008	2	10	.61	13	.01	13	.47	.01	.01	1	3	10
B 52568	3	60	3	2	.1	9	2	102	.46	2	5	ND	1	1	.2	2	2	3	.04	.008	4	8	.09	11	.02	7	.16	.01	.01	1	1	20
B 52569	2	7	17	8	.1	8	4	269	1.22	2	5	ND	1	2	.2	2	2	14	.06	.013	5	9	.90	8	.02	6	.80	.01	.01	1	1	5
B 52570	2	13	6	15	.1	10	7	175	1.59	2	5	ND	1	3	.2	2	2	21	.09	.025	2	6	2.17	8	.01	2	1.50	.01	.01	1	4	5
B 52571	1	3	6	47	.1	20	25	320	4.74	2	5	ND	1	10	.9	2	2	104	.55	.206	20	19	5.61	15	.02	2	4.75	.01	.01	1	1	5
B 52572	2	10	2	7	.1	9	3	166	.79	2	5	ND	1	2	.2	2	2	8	.06	.009	3	8	.49	9	.02	3	.45	.01	.01	1	1	5
B 52573	1	24	723	5532	.1	39	56	3375	6.22	8	5	ND	1	12	8.1	2	2	43	.47	.052	9	9	1.99	39	.05	296	3.70	.01	.02	2	2	2900
B 52574	1	24	24	114	.1	28	52	538	5.18	3	5	ND	1	6	1.3	2	2	65	.22	.011	5	6	4.88	19	.01	2	4.61	.01	.02	1	1	70
B 52575	3	4	33	158	.1	9	4	174	.87	2	5	ND	1	2	.2	2	2	7	.05	.009	2	10	1.06	4	.01	16	.77	.01	.01	1	1	90
B 52576	2	3	13	8	.1	12	11	97	2.64	3	5	ND	1	7	.2	2	2	17	.17	.064	4	9	1.92	17	.01	10	1.51	.01	.03	1	3	10
B 52577	3	20	5	18	.1	17	11	492	3.03	3	5	ND	1	4	.2	2	3	6	.07	.058	2	10	.45	30	.01	5	.63	.01	.03	1	1	20
STANDARD C/AU-R	18	59	44	134	7.2	67	30	1015	4.04	44	21	7	37	48	18.7	16	19	57	.51	.099	36	57	.91	174	.07	37	1.92	.05	.13	11	500	1500

✓ **ASSAY** RECOMMENDED

ACME ANALY[illegible]AL LABORATORIES LTD. 852 E. HASTINGS ST. VAN[illegible]UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(60[illegible]253-1716

GEOCHEMICAL A[illegible]LYSIS CERTIFICATE

Dragoon Resources Ltd. File # 90-1772 Page 1

305 - 675 W. Hastings St., Vancouver BC V6B 1N2

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
B 52351	4	86	37	64	.6	41	30	1558	4.55	25	5	ND	1	5	.9	2	2	60	.02	.025	4	25	.04	48	.01	2	.30	.01	.11	1
B 52352	4	21	9	22	.2	28	19	206	1.83	14	5	ND	1	5	.2	3	2	11	.01	.003	2	9	.01	12	.01	12	.02	.02	.01	1
B 52353	4	12	4	17	.2	16	5	311	.69	3	5	ND	1	4	.2	2	2	4	.03	.001	2	9	.02	14	.01	8	.11	.01	.02	1
B 52354	1	62	14	100	.4	51	36	2283	5.90	24	5	ND	1	16	.2	2	2	79	.24	.018	9	62	.50	96	.03	2	1.65	.01	.20	1
B 52355	1	93	27	100	.1	41	35	862	5.49	14	5	ND	2	17	.2	2	2	112	.53	.031	10	191	1.03	33	.19	2	2.51	.01	.10	1
B 52401	2	2	148	150	.2	6	3	693	.74	2	5	ND	7	4	.3	2	6	8	.97	.036	21	10	.26	18	.21	508	.42	.01	.04	1
B 52402	3	167	2	96	.1	4	29	824	8.99	2	5	ND	3	46	.2	3	2	17	1.27	.282	33	15	1.06	124	.32	2	2.18	.02	.23	4
B 52403	1	4	3	18	.1	4	3	190	.50	2	5	ND	6	29	.2	2	2	13	2.48	.064	26	9	.50	12	.29	207	.55	.01	.03	2
B 52404	2	15	8	14	.1	14	13	1024	16.56	2	5	ND	1	5	.2	4	2	125	.19	.085	12	16	.25	163	.08	8	.40	.02	.07	1
B 52405	12	81	15	14	1.1	40	39	323	48.49	893	11	3	4	4	.5	20	33	8	.17	.048	9	13	.14	29	.01	2	.18	.01	.04	1
B 52406	1	27	44	18	.1	38	11	141	2.52	15	5	ND	1	157	.2	5	2	5	36.35	.011	4	5	.27	15	.01	2	.14	.01	.06	1
B 52407	1	10	10	16	.1	24	3	130	2.46	18	5	ND	1	112	.2	4	2	8	27.41	.037	12	7	.14	24	.01	7	.33	.01	.14	1
B 52408	1	16	40	30	.1	5	5	217	1.26	6	5	ND	1	34	.2	2	2	9	21.18	.009	2	1	9.43	9	.01	5	.04	.01	.01	1
B 52409	1	4	2	26	.2	12	5	217	1.27	4	5	ND	1	55	.2	6	2	6	39.59	.013	3	2	.20	32	.01	2	.10	.01	.03	3
B 52410	1	7	2	15	.2	6	3	230	1.51	3	5	ND	1	8	.2	4	2	7	35.05	.013	2	6	.37	19	.01	2	.07	.01	.01	1
B 52411	1	7	19	9	.1	5	3	276	2.59	7	5	ND	1	15	.3	2	2	17	23.63	.016	2	1	5.75	10	.01	2	.10	.01	.03	1
B 52412	1	12	2	9	.1	9	20	968	2.90	5	5	ND	1	7	.2	8	4	9	20.79	.032	5	9	1.09	162	.01	16	.10	.01	.05	1
B 52413	3	21	3	12	.1	12	8	950	1.61	4	5	ND	1	1	.2	2	4	12	.17	.027	4	6	.18	118	.01	2	.32	.01	.03	1
B 52414	3	6	6	12	.1	11	5	207	.90	4	5	ND	1	1	.2	2	3	3	.08	.013	2	8	.04	32	.01	2	.11	.01	.03	1
B 52415	1	223	2	10	.2	10	5	872	4.65	37	5	ND	3	17	.2	10	2	20	21.73	.031	11	18	1.16	74	.01	2	.19	.01	.02	1
B 52416	1	520	5	12	.7	3	3	539	1.20	130	5	ND	2	71	.2	2	2	3	22.15	.018	10	4	4.01	258	.01	2	.09	.01	.04	1
B 52417	3	99	7	9	.1	65	50	192	7.11	5	5	ND	9	11	.2	2	2	7	1.01	.041	17	15	.35	72	.01	3	2.09	.01	.16	2
B 52418	5	81	2	14	.1	139	98	2031	7.22	7	5	ND	3	6	.2	2	2	6	.09	.048	10	11	.08	39	.01	2	.96	.01	.06	1
B 52419	1	9	6	15	.1	17	8	231	2.03	8	5	ND	11	4	.2	2	2	6	1.12	.063	33	9	.57	81	.01	4	1.55	.01	.17	1
B 52420	1	279	16	11	.4	19	59	570	9.38	8	5	ND	5	6	.2	3	4	10	9.62	.066	16	16	.46	78	.01	2	.69	.01	.07	1
B 52421	1	6	13	21	.1	9	6	488	1.47	5	5	ND	3	72	.2	8	2	3	23.06	.026	21	8	.84	458	.01	7	.19	.01	.04	1
B 52422	1	9	2	10	.1	8	6	699	3.86	4	5	ND	1	22	.2	2	2	16	18.45	.029	6	11	3.50	145	.01	2	.26	.01	.01	1
B 52423	4	6	4	7	.1	12	2	353	.62	2	5	ND	1	1	.2	2	2	3	.16	.005	4	8	.03	30	.01	2	.13	.01	.04	1
B 52424	1	45	12	17	.1	23	13	829	2.46	6	5	ND	9	3	.2	2	2	10	.15	.031	40	17	.84	144	.01	6	1.52	.01	.23	1
B 52425	1	6	3	12	.1	16	14	603	1.37	6	5	ND	10	3	.2	2	2	6	.25	.051	35	14	1.01	82	.01	7	.98	.01	.20	1
B 52426	3	3	2	17	.1	13	6	371	.99	2	5	ND	2	6	.2	2	2	3	.02	.011	8	8	.07	62	.01	9	.22	.01	.05	1
B 52427	2	5	3	19	.1	8	4	292	1.02	2	5	ND	2	1	.2	2	2	3	.02	.016	4	4	.03	36	.01	10	.15	.01	.05	1
B 52428	3	4	2	16	.1	10	3	295	.63	2	5	ND	2	1	.2	2	2	3	.01	.008	7	7	.03	38	.01	2	.16	.01	.07	1
B 52429	2	4	6	15	.2	9	4	242	.84	2	5	ND	2	1	.2	2	10	4	.04	.011	4	6	.03	23	.01	2	.18	.01	.05	1
B 52430	2	3	2	24	.2	10	6	472	1.18	4	5	ND	2	1	.2	2	3	2	.06	.015	6	5	.04	67	.01	7	.20	.01	.08	1
B 52431	2	5	2	20	.1	11	7	443	2.04	3	5	ND	10	2	.2	2	2	6	.06	.016	35	7	.04	51	.01	2	.28	.01	.14	1
STANDARD C	18	61	39	134	8.1	64	30	1048	3.78	35	17	7	36	45	17.0	15	18	57	.46	.092	36	54	.82	173	.09	33	1.82	.06	.14	13

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: Rock

DATE RECEIVED: JUN 14 1990 DATE REPORT MAILED: June 19/90 SIGNED BY C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Dragoon Resources Ltd. FILE # 90-1772

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
B 52432	3	4	2	7	.1	9	1	306	.51	4	5	ND	1	2	.2	2	2	2	.02	.005	2	6	.01	30	.01	7	.09	.01	.01	1
B 52433	1	2	2	5	.1	10	5	315	1.02	2	5	ND	6	6	.2	2	2	4	1.73	.046	19	9	.78	54	.01	2	.50	.01	.20	1
B 52434	1	7	2	7	.1	8	13	543	2.72	3	5	ND	3	11	.2	2	2	10	10.29	.049	5	10	1.91	8	.01	2	.17	.02	.01	1
B 52435	1	3	2	7	.1	5	2	954	3.76	3	5	ND	1	39	.2	2	2	19	27.78	.019	4	12	2.44	71	.01	2	.12	.01	.01	1
B 52436	1	1	5	7	.1	14	4	168	1.13	2	5	ND	5	42	.2	2	2	3	3.17	.035	28	9	.67	1381	.01	2	.42	.01	.17	1
B 52437	1	5	10	7	.1	22	17	352	3.09	7	5	ND	6	7	.2	3	3	6	6.33	.051	17	6	.92	59	.01	2	.40	.01	.13	1
B 52438	2	5	4	9	.1	12	2	176	1.29	4	5	ND	2	1	.2	2	2	8	.01	.013	6	4	.03	22	.01	2	.15	.01	.06	1
B 52439	1	2	8	10	.1	5	2	150	2.46	5	5	ND	9	3	.2	2	2	14	.15	.014	30	9	.03	49	.02	2	.25	.01	.11	1
B 52440	1	2	3	6	.1	8	1	200	1.01	2	5	ND	6	2	.2	2	2	7	.06	.007	14	10	.03	45	.01	2	.20	.01	.08	1
B 52441	2	4	4	11	.2	8	3	1064	1.26	3	5	ND	2	2	.2	2	2	9	.02	.010	6	3	.03	171	.01	8	.13	.01	.05	1
B 52442	2	195	26	16	.1	12	7	224	1.93	2	5	ND	2	3	.2	3	3	9	.03	.014	7	16	1.42	13	.01	2	1.23	.01	.03	1
B 52443	3	42	9	67	.2	27	35	1858	9.31	38	5	ND	1	10	.2	2	3	26	.41	.130	15	23	.76	40	.01	2	1.60	.01	.09	1
B 52444	1	50	15	95	.3	24	21	391	6.80	2	5	ND	1	29	.2	2	2	125	2.12	.269	16	24	1.01	27	.25	2	2.08	.03	.06	1
STANDARD C	17	59	42	140	7.7	68	31	1076	3.77	38	19	8	36	48	18.2	16	23	58	.51	.096	36	56	.84	172	.09	31	1.83	.06	.14	11

APPENDIX 2

REPORT ON COMBINED HELICOPTER-BORNE MAGNETIC AND VLF SURVEY - CRANBROOK B.C. BY AERODAT LIMITED

REPORT ON
COMBINED HELICOPTER-BORNE
MAGNETIC AND VLF SURVEY
CRANBROOK
BRITISH COLUMBIA

FOR
BAPTY RESEARCH LTD.
BY
AERODAT LIMITED
October 17, 1990

J9065

Adriana Carbone
Geologist

TABLE OF CONTENTS

List of Maps
(Scale 1:10,000)

Basic Maps: (As described under Appendix B of the Contract)

1. **TOPOGRAPHIC BASE MAP;**
   A topographic base map at a scale of 1:20,000, was prepared from 1:50,000 Government NTS maps.

2. **FLIGHT LINE MAP;**
   Showing all flight lines and fiducials with the base map.

3. **TOTAL FIELD MAGNETIC CONTOURS;**
   Showing magnetic values corrected of all diurnal variation with flight lines, fiducials, and base map.

4. **VERTICAL MAGNETIC GRADIENT CONTOURS;**
   Showing magnetic gradient values calculated from the total field magnetics with flight lines, fiducials and base map.

5. **VLF-EM TOTAL FIELD CONTOURS;**
   Showing VLF total field response from the line transmitter with flight lines, fiducials, and base map.

1. INTRODUCTION

This report describes an airborne geophysical survey carried out on behalf of Bapty Research Ltd. Equipment operated during the survey included a high sensitivity cesium vapour magnetometer, a two frequency VLF-EM system, a video tracking camera, radar altimeter, and an electronic positioning system. Magnetic and altimeter data were recorded both in digital and analog forms. Positioning data was stored in digital form, encoded on VHS format video tape and recorded at regular intervals in local UTM coordinates, as well as being marked on the flight path mosaic by the operator while in flight.

The survey areas are located southeast of Cranbrook, British Columbia and are referred to as Area 1 - Area 4 inclusive and the fifth area is known as the Jake Area. Area 1 was flown on August 26, 1990, Area 2 was flown on August 27, 1990, Area 3 and Area 4 were flown on August 26, 1990 and the Jake Area was flown on August 27, 1990. Data from five flights were used to compile the survey results. The flight lines were oriented at an angle of 0 degrees, with a nominal line spacing of 200 metres (according to Appendix "A" of the contract) for Area 1 - Area 4 inclusive. The flight lines for the Jake area were oriented at an angle of 0 degrees with a nominal line spacing of 300 metres (according to Appendix "A" of the contract). Geophysical information is provided in the form of maps at 1:20,000. Coverage and data quality were considered to be well within the specifications described in the service contract.

The purpose of the survey was to record airborne geophysical data over ground that is of interest to Bapty Research Ltd.

The survey encompasses approximately 614 line kilometres of the recorded data that were compiled in a map form at a scale of 1:20,000. The maps are presented as part of this report according to specifications laid out by Bapty Research Ltd.

2. SURVEY AREA LOCATION

The survey areas are depicted on the following index maps.

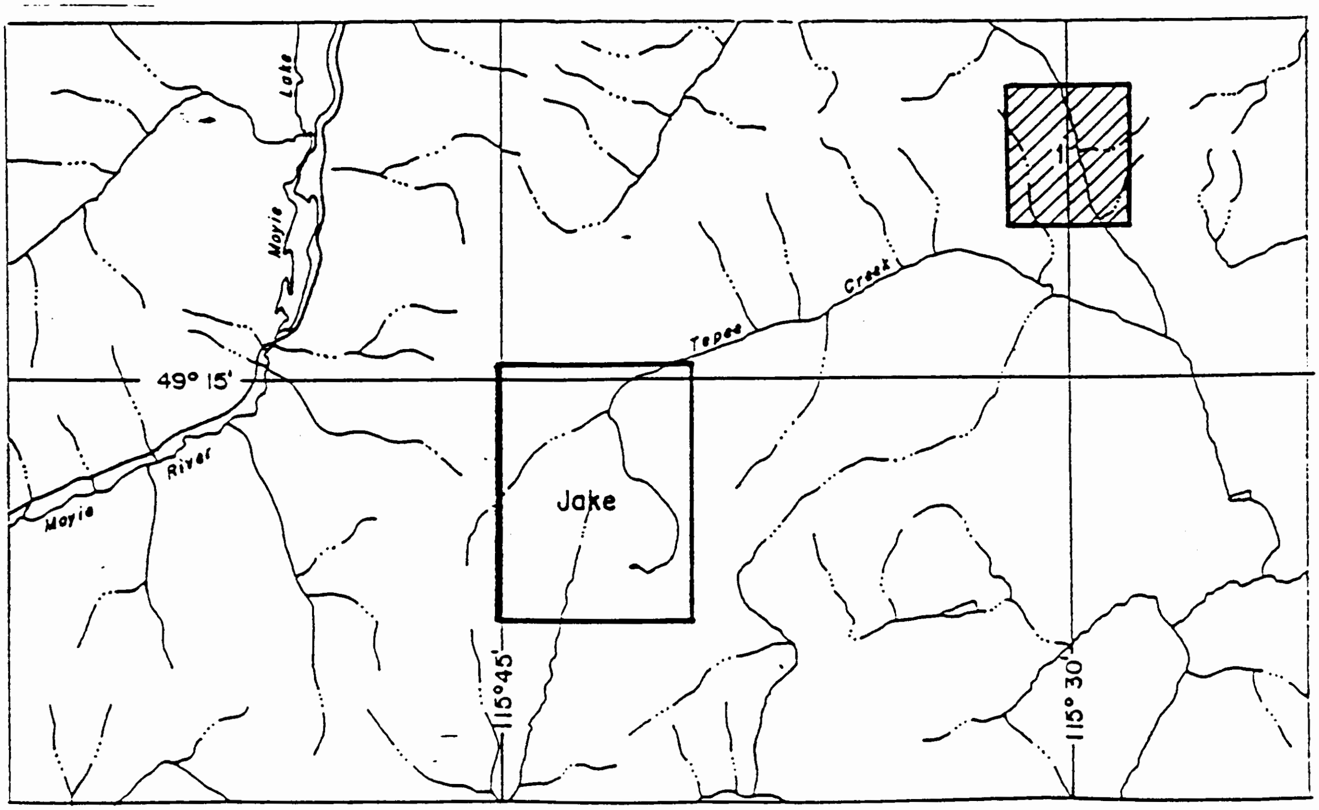
Area 1 is centred at approximate geographic latitude 49 degrees 18 minutes North, longitude 115 degrees 30 minutes West.

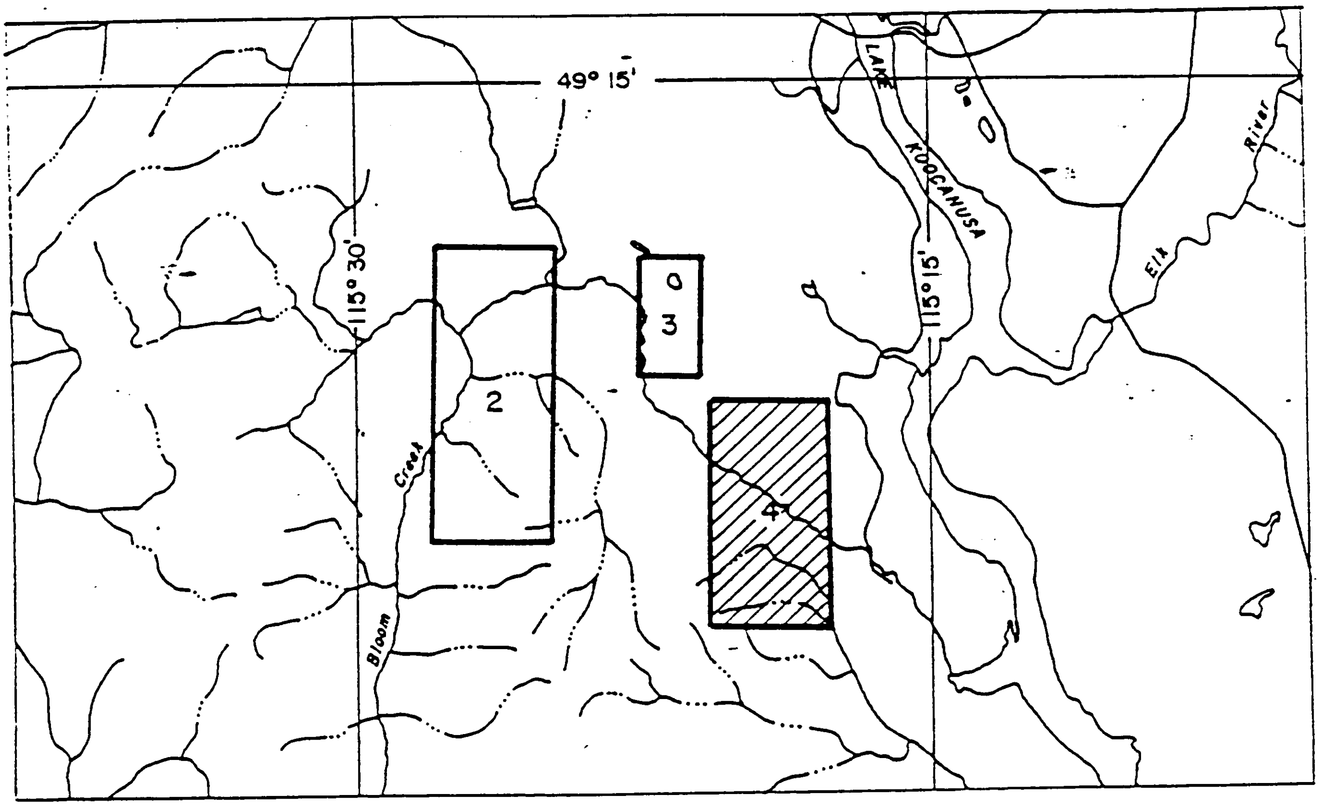
Area 2 is centred at approximate geographic latitude 49 degrees 10 minutes North, longitude 115 degrees 27 minutes West.

Area 3 is centred at approximate geographic latitude 49 degrees 11 minutes North, longitude 115 degrees 23 minutes West.

Area 4 is centred at approximate geographic latitude 49 degrees 08 minutes North, longitude 115 degrees 19 minutes West.

Jake is centred at approximate geographic latitude 49 degrees 12 minutes North, longitude 115 degrees 43 minutes West.




49° 15'
115° 30'
115° 15'
LAKE
KOOCANUSA
Elk
River
Bloom
Creek
2
3
0
4

3. AIRCRAFT AND EQUIPMENT

3.1 Aircraft

An Aerospatiale A-Star 350 B helicopter, (CG-UPH), piloted by Roger Morrow, owned and operated by Peace Helicopters Limited, was used for the survey. Pierre Moisan of Aerodat acted as navigator and equipment operator. Installation of the geophysical and ancillary equipment was carried out by Aerodat. The survey equipment was flown at a mean terrain clearance of 60 metres.

3.2 Equipment

3.2.1 VLF-EM System

The VLF-EM System was a Herz Totem 2 A. This instrument measures the total field and quadrature component of the selected frequency. The sensor was towed in a bird 30 metres below the helicopter.

3.2.2 Magnetometer System

The magnetometer employed a Scintrex Model VIW 2321 H8 cesium, optically pumped magnetometer sensor. The sensitivity of this instrument was 0.1 nanoTeslas. The sensor was towed in a bird 30 metres below the helicopter.

3.2.3 Magnetic Base Station

An IFG proton precession magnetometer was operated at the base of operations to record diurnal variations of the earth's magnetic field. The clock of the base station was synchronized with that of the airborne system to facilitate later correlation.

3.2.4 Altimeter System

A King KRA 10 radar altimeter was used to record terrain clearance. The output from the instrument is a linear function of altitude for maximum accuracy.

3.2.5 Tracking Camera

A Panasonic video flight path recording system was used to record the flight path on standard VHS format video tapes. The system was operated in continuous mode and the flight number, real time and manual fiducials were registered on the picture frame for cross-reference to the analog and digital data.

3.2.6 Analog Recorder

An RMS dot-Matrix recorder was used to display the data during the survey. In addition to manual and time fiducials, the following data was recorded:

Channel	Input	Scale
VLT	VLF-EM Total Field, Line	25 %/cm
VLQ	VLF-EM Quadrature, Line	25 %/cm
VOT	VLF-EM Total Field, Ortho	25 %/cm

VOQ	VLF-EM Quadrature, Ortho	25 %/cm
RALT	Radar Altimeter	100 ft./cm
MAGF	Magnetometer, fine	25 nT/cm
MAGC	Magnetometer, coarse	250 nT/cm

3.2.7 Digital Recorder

A DGR 33:16 data system recorded the survey on magnetic tape. Information recorded was as follows:

Equipment	Recording Interval
VLF-EM	0.20 seconds
Magnetometer	0.20 seconds
Altimeter	0.20 seconds
Nav System	0.20 seconds

3.2.8 Radar Positioning System

A Mini-Ranger MRS-III radar navigation system was used both for navigation and flight path recovery. Transponders sited at fixed positions were interrogated several times per second and the ranges from these points to the helicopter were measured to a high degree of accuracy. A navigational computer triangulated the position of the helicopter and provided the pilot with navigation information. The range/range data was recorded on magnetic tape for subsequent flight path determination.

4.DATA PRESENTATION

4.1 Base Map

A topographic base map at a scale of 1:20,000 was prepared from a 1:50,000 Government NTS map.

4.2 Flight Path Map

The flight path was derived from the Mini-Ranger radar positioning system. The distance from the helicopter to two established reference locations was measured several times per second and the position of the helicopter was calculated by triangulation. It is estimated that the flight path is generally accurate to about 10 metres with respect to the topographic detail on the base map.

The flight lines have the time and the navigators manual fiducials for cross reference to both analog and digital data.

4.3 Magnetics

4.3.1 Total Field Magnetic Contours Map

The magnetic data from the high sensitivity cesium magnetometer provided virtually a continuous magnetic reading when recording at 0.2 second intervals. The system is also noise free for all practical purposes.

A sensitivity of 0.1 nanoTesla (nT) allows for the mapping of very small inflections in the magnetic field, resulting in a contour map that is equal to or exceeds ground data in quality and accuracy.

The aeromagnetic data was corrected for diurnal variations by adjustment with the digitally recorded base station magnetic values. No correction for regional variation was applied. The corrected data was interpolated onto a regular grid at a 25 metre true scale interval using an Akima spline technique. This grid provided the basis for threading the presented contours at a 2 nT interval.

The contoured aeromagnetic data has been presented on a Cronaflex copy of the base map with flight lines.

4.3.2 Vertical Gradient Contour Map

The vertical magnetic gradient was calculated from the total magnetic data. Contoured at a 0.2 Nt/m interval the data was presented on a cronaflex copy of the base map with flight lines.

4.4 VLF-EM Total Field Contours

The VLF data was interpolated onto a regular grid at a 25 metre true scale interval using an Akima spline technique. This grid provided the basis for threading the contours at a 2% interval.

The VLF-EM signal from the line transmitting station was compiled as contours in map form on cronaflex copies of the base map with flight lines.

The VLF stations used for Blocks 1, 2, 3 and 4 were NAA, Cutler, Maine, broadcasting at 24.0 kHz, and NSS, Annapolis, Md., broadcasting at 21.4 kHz. NAA was used as the line transmitting station for Blocks 1, 2, 3 and 4. NSS was used as the orthogonal station for Blocks 1, 2, 3 and 4.

The VLF stations used for the Jake area were NPM, Lualualei, Hawaii, broadcasting at 23.4 kHz, and NSS, Annapolis, Md., broadcasting at 21.4 kHz.

NPM was used as the line transmitting station, and NSS was used as the orthogonal station.

Respectfully submitted,

Adriana Carbone

October 17, 1990

Adriana Carbone
Geologist

APPENDIX I

PERSONNEL

FIELD

Flown	August, 1990
Pilot	Bruce Macdonald
Operator	Joe Mercier

OFFICE

Processing	A. Carbone G. McDonald
Report	A. Carbone

APPENDIX II

GENERAL INTERPRETIVE CONSIDERATIONS

Magnetics

A digital base station magnetometer was used to detect fluctuations in the magnetic field during flight times. The airborne magnetic data was levelled by removing these diurnal changes. The Total Field Magnetic map shows the levelled magnetic contours, uncorrected for regional variation.

The Calculated Vertical Gradient map shows contours of the magnetic gradient as calculated from the total field magnetic data. The zero contour shows changes in the magnetic lithologies and will coincide closely with geologic contacts assuming a steeply dipping interface. Thus this data may be used as a pseudo-geologic map.

VLF Electromagnetics

The VLF-EM method employs the radiation from powerful military radio transmitters as the primary signals. The magnetic field associated with the primary field is elliptically polarized in the vicinity of electrical conductors. The Herz Totem uses three coils in the X, Y, Z configuration to measure the total field and vertical quadrature component of the polarization ellipse.

The relatively high frequency of VLF (15-25) kHz provides high response factors for bodies of low conductance. Relatively "disconnected" sulphide ores have been found to produce measurable VLF signals. For the same reason, poor conductors such as sheared contacts, breccia zones, narrow faults, alteration zones and porous flow tops normally produce VLF anomalies. The method can therefore be used effectively for geological mapping. The only relative disadvantage of the method lies in its sensitivity to conductive overburden. In conductive ground to depth of exploration is severely limited.

The effect of strike direction is important in the sense of the relation of the conductor axis relative to the energizing electromagnetic field. A conductor aligned along a radius drawn from a transmitting station will be in a maximum coupled orientation and thereby produce a stronger response than a similar conductor at a different strike angle. Theoretically, it would be possible for a conductor, oriented tangentially to the transmitter to produce no signal. The most obvious effect of the strike angle consideration is that conductors favourably oriented with respect to the transmitter location and also near perpendicular to the flight direction are most clearly rendered and usually dominate the map presentation.

The total field response is an indicator of the existence and position of a conductivity anomaly. The response will be a maximum over the conductor, without any special filtering, and strongly favour the upper edge of the conductor even in the case of a relatively shallow dip.

The vertical quadrature component over steeply dipping sheet-like conductor will be a cross-over type response with the cross-over closely associated with the upper edge of the conductor.

The response is a cross-over type due to the fact that it is the vertical rather than total field quadrature component that is measured. The response shape is due largely to geometrical rather than conductivity considerations and the distance between the maximum and minimum on either side of the cross-over is related to target depth. For a given target geometry, the larger this distance the greater the depth.

The amplitude of the quadrature response, as opposed to shape is function of target conductance and depth as well as the conductivity of the overburden and host rock. As the primary field travels down to the conductor through conductive material it is both attenuated and phase shifted in a negative sense. The secondary field produced by thisaltered field at the target also has an associated phase shift. This phase shift is positive and is larger for relatively poor conductors. This secondary field is attenuated and phase

shifted in a negative sense during return travel to the surface. The net effect of these 3 phase shifts determine the phase of the secondary field sensed at the receiver.

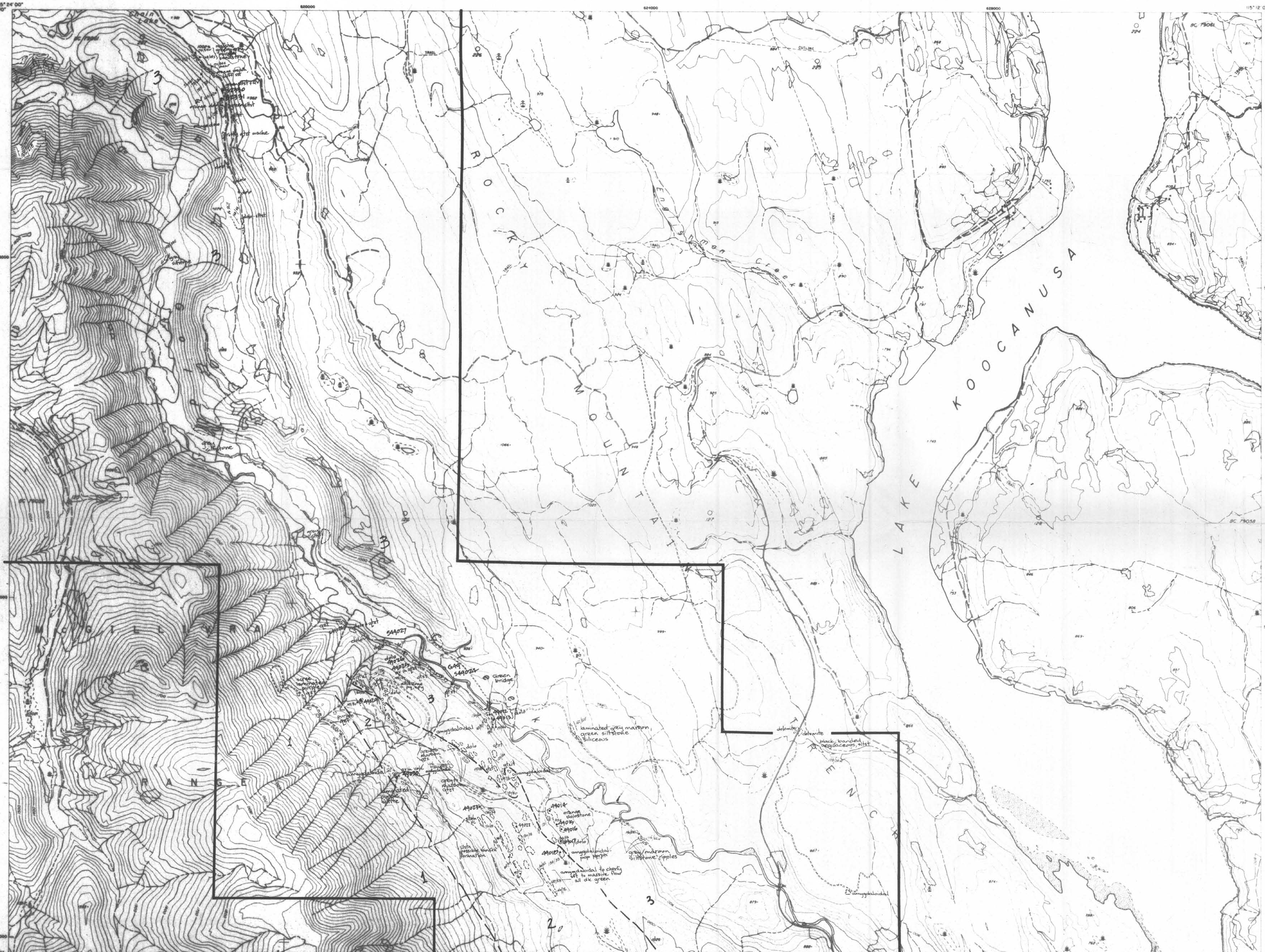
A relatively poor conductor in resistive ground will yield a net positive phase shift. A relatively good conductor in more conductive ground will yield a net negative phase shift. A combination is possible whereby the net phase shift is zero and the response is purely in-phase with no quadrature component.

A net positive phase shift combined with the geometrical cross-over shape will lead to a positive quadrature response on the side of approach and a negative on the side of departure. A net negative phase shift would produce the reverse. A further sign reversal occurs with a 180 degree change in instrument orientation as occurs on reciprocal line headings. During digital processing of the quadrature data for map presentation this is corrected for by normalizing the sign to one of the flight line headings.

APPENDIX II

ANOMALY LIST

YAHK
PURCELL
MOUNTAINS
(COLUMBIA MOUNTAINS)
FOREST
AREA 1
TP 16
TP 17
TP 14
TP 15
TP 20
TP 21
TP 18
TP 19
TP 12 3327
TP 13 3328
TP 8 3323
TP 7 3322
TP 10 3325
TP 11 3326
TP 6 3321
TP 5 3320
TP 9 3324
TP 4 3319
TP 3 3318
TP 2 3317
TP 1 3306
82 G/5E
82 G/6W
82 G/4E
82 G/3W
KVN 2 3924
KVN 1 3923
TAN 1 3306
TWIN 1 3604
KVN 4 3926
KVN 3 3925
TAN 2 3307
FLATHEAD 2 3067
FLATHEAD 3 3068
GILL 2983
FLATHEAD 4 3069
CANYON 4337
AREA 3
FLATHEAD 6 3071
FLATHEAD 5 3070
KVN 5 3927
KVN 6 3928
TAN 3 3308
TWIN 3 3606
TWIN 2 3605
TAN 4 3309
TWIN 6 3277
TWIN 7 3278
LINK 1 3898
TWIN 5 3282
TWIN 8 3279
TWIN 9 3280
LINK 2 3899
TWIN 10 3283
TWIN 11 3284
AREA 2
AREA 4
MOUNTAINS
(COLUMBIA MOUNTAINS)
LINK 3 3904
LINK 4 3905
LINK 5 3906
LINK 6 3907
GEOLOGICAL BRANCH
ASSESSMENT REPORT
21,294
Area of Airborne Geophysics
Area of Geochemistry
Area of Geology
SCALE 1:50 000
1000 0 1000 2000 3000 4000
METRES
N
BAPTY RESEARCH LIMITED / SOUTH KOOTENAY GOLDFIELDS INC
P/C GOLD CREEK PROPERTY
SHOWING AREAS OF GEOLOGY, GEOCHEMISTRY and AIRBORNE GEOPHYSICS
FT. STEELE MINING DIVISION
B.C.
DRAWN BY: PK/JMM
LAYOUT BY: JMM
SCALE: 1:50,000
DATE: March 1991
FIG. 2



LEGEND ~

1 . GATEWAY Formation
2 . Nicol Formation
3 . VAN CREEK Formation
. Geologic contact
. Outcrop
165/87 . Dip, Bedding
. Joint
49012 • . Rock Sample

GEOLOGICAL BRANCH ASSESSMENT REPORT

21,294

0 200 300 500 700 m

DRAGOON RESOURCES LTD.		
GOLD CREEK PROJECT		
SURFACE GEOLOGY		
BAPTY RESEARCH LIMITED		
SCALE: 1:20,000	N.T.S. 82G/3W (82G 014 trim)	FIG. NO.
DRAWN BY: vhutchings		4
DATE: March 1991		

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

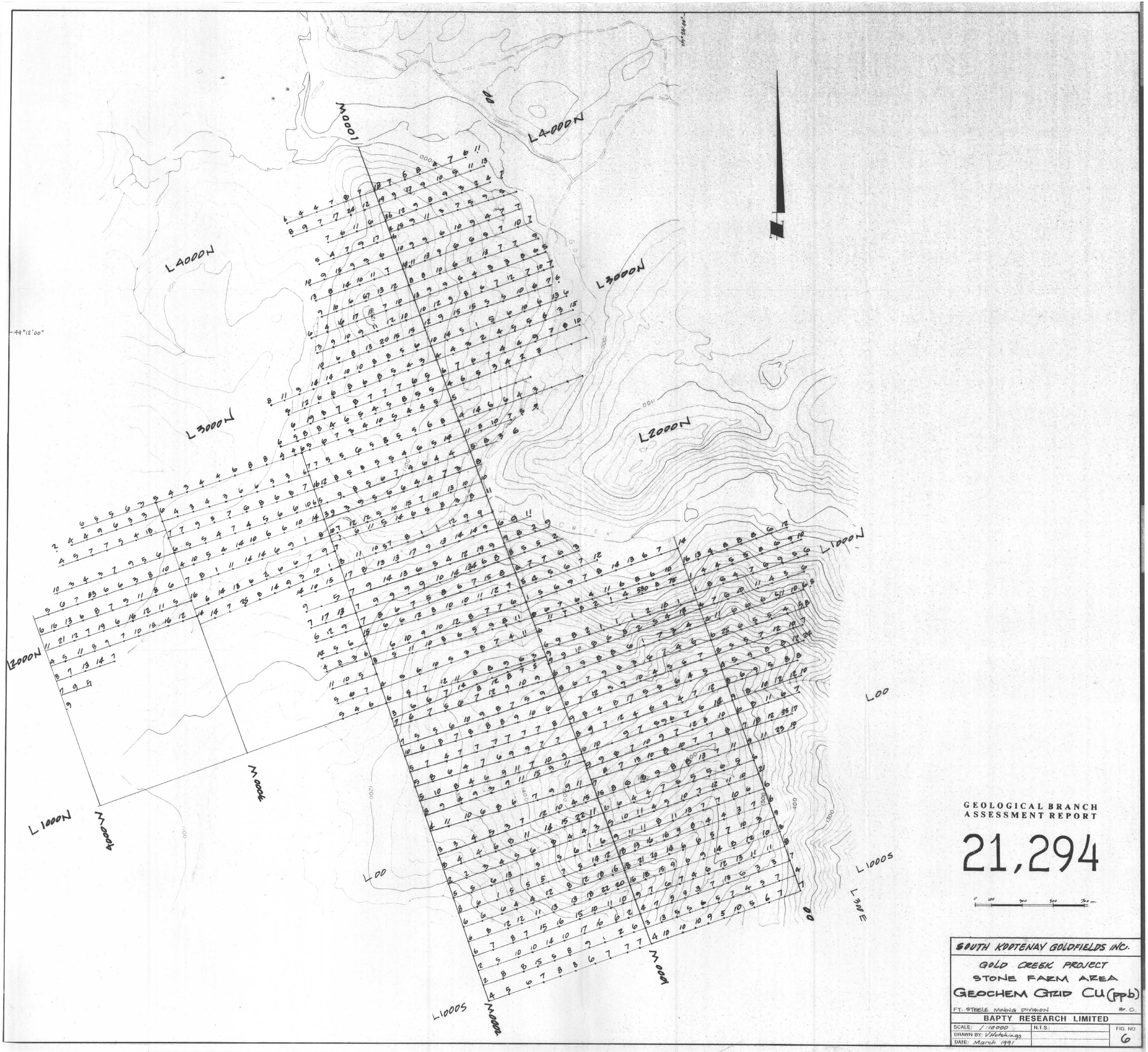
SOUTH KOOTENAY GOLDFIELDS INC.

GOLD CREEK PROJECT
STONE FARM AREA
GEOCHEM GRID Au (ppb)

FT. STEELE MINING DIVISION B.C.

BAPTY RESEARCH LIMITED

SCALE: 1:10000	N.T.S.:	FIG. NO.
DRAWN BY: V.Hutchings		5
DATE: March 1991		



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

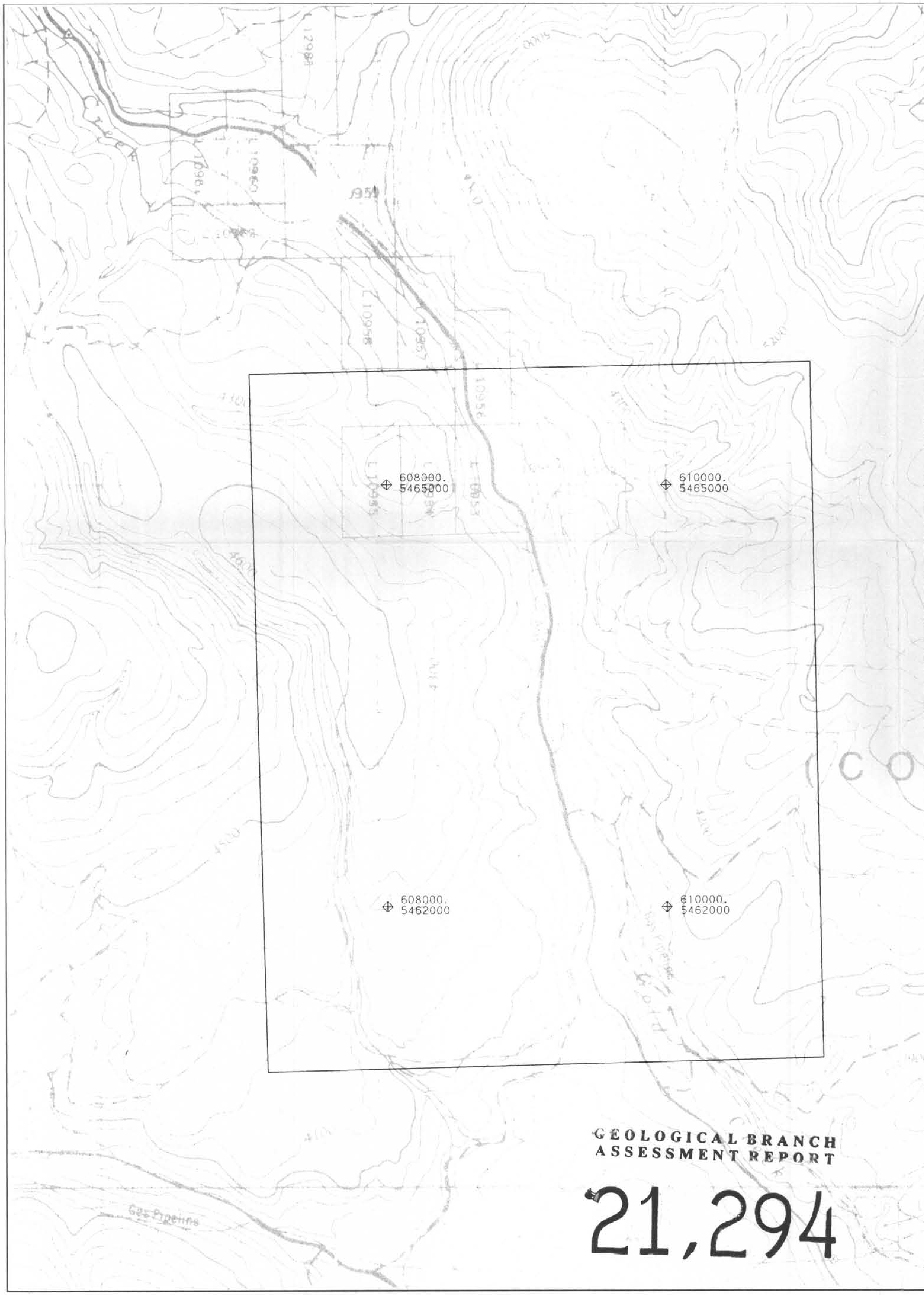
SOUTH KOOTENAY GOLDFIELDS INC.

GOLD CREEK PROJECT
STONE FARM AREA
GEOCHEM GRID CU (ppb)

FT. STEELE MINING DIVISION B.C.

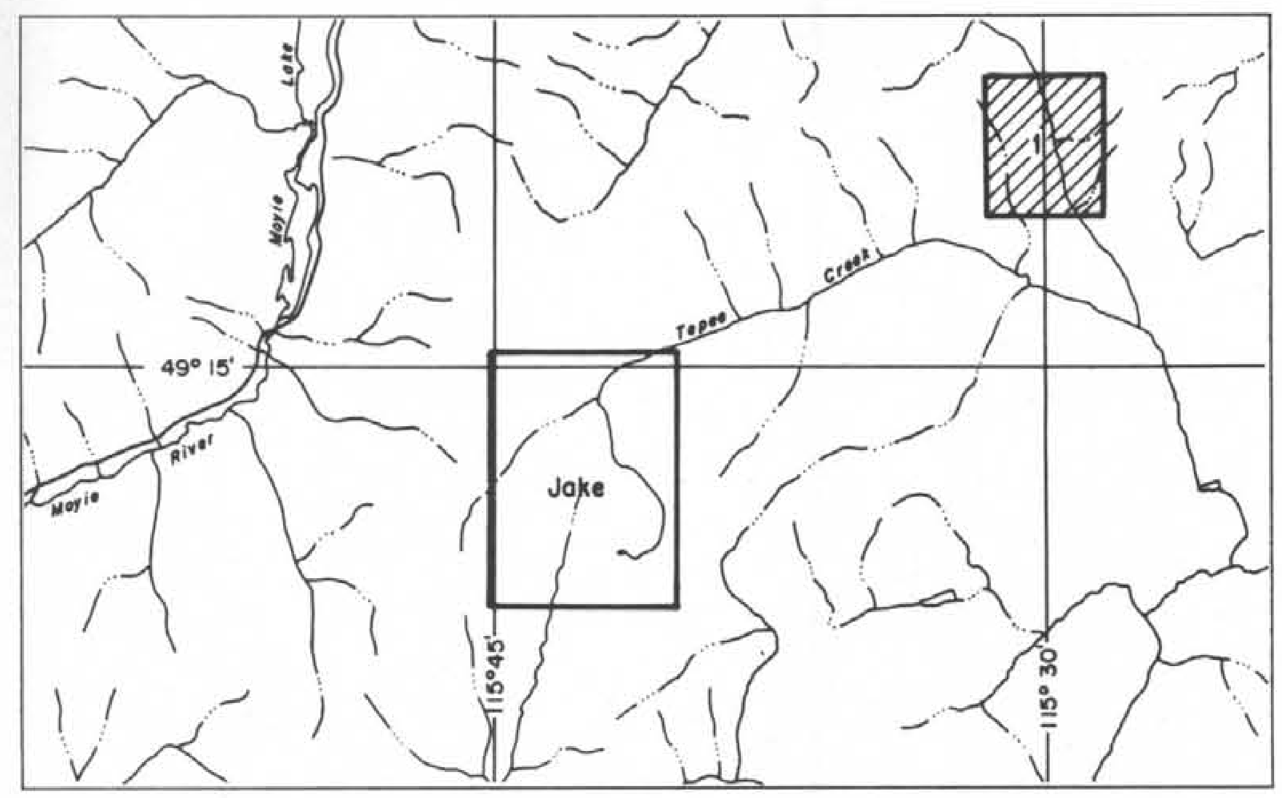
BAPTY RESEARCH LIMITED

SCALE: 1:10000	N.T.S.:	FIG. NO.
DRAWN BY: V.Hutchings		6
DATE: March 1991		



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294



BAPTY RESEARCH LTD.

BASE MAP

P/C

AREA 1

BRITISH COLUMBIA

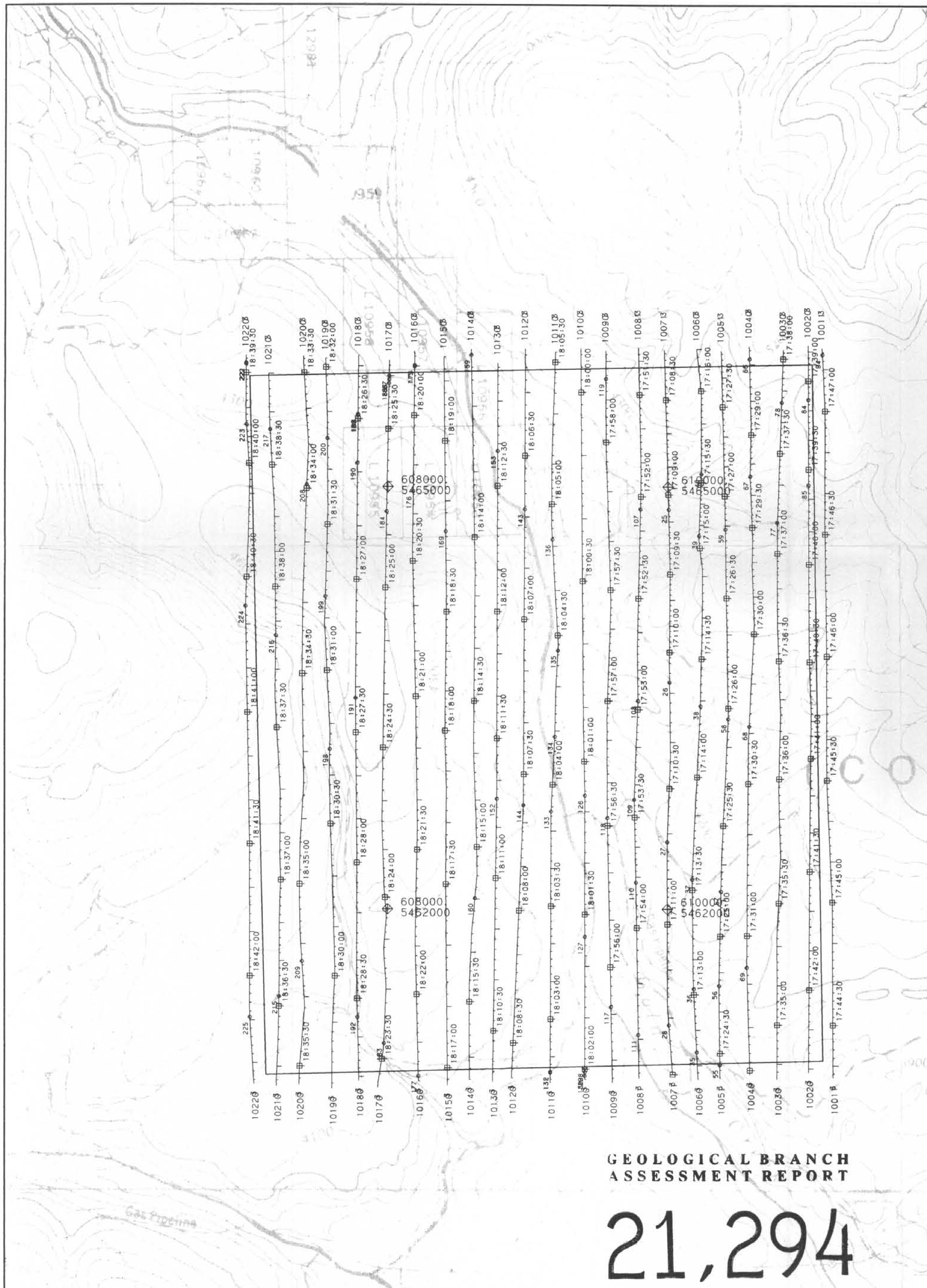
SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82G 5/6
MAP No: 1	J9065 - 1



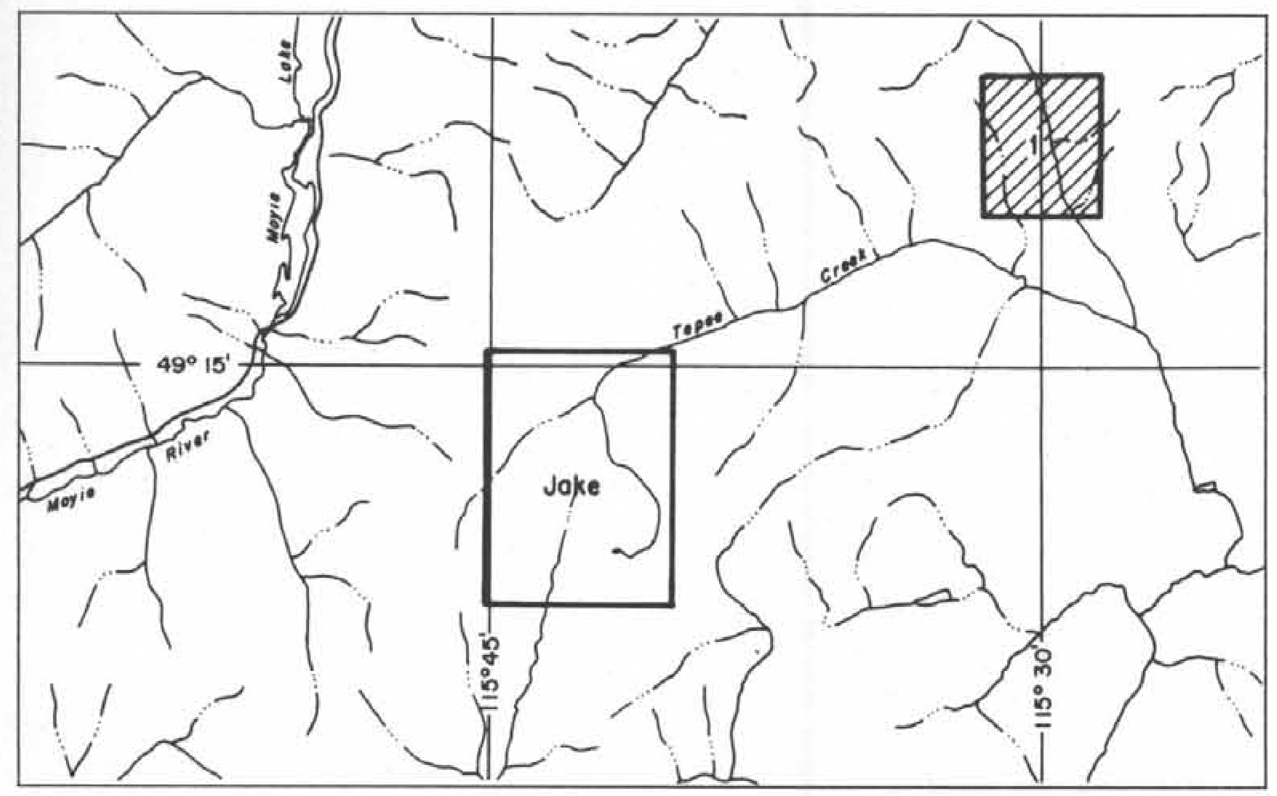
GEOLOGICAL BRANCH ASSESSMENT REPORT

21,294

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m



BAPTY RESEARCH LTD.

FLIGHT PATH

P/C

AREA 1

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

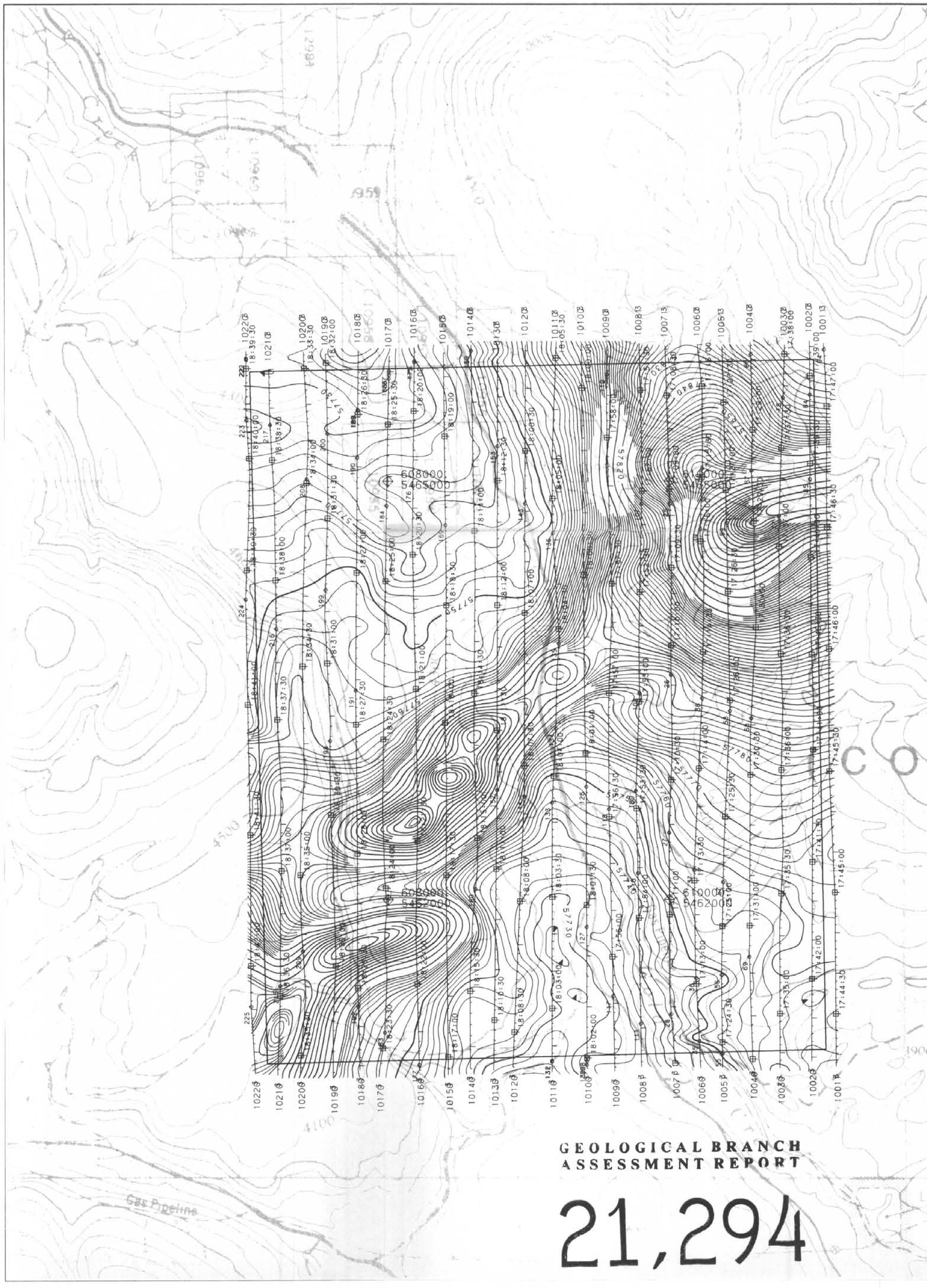
0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82G 5/6

MAP No: 2 J9065 - 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Magnetics

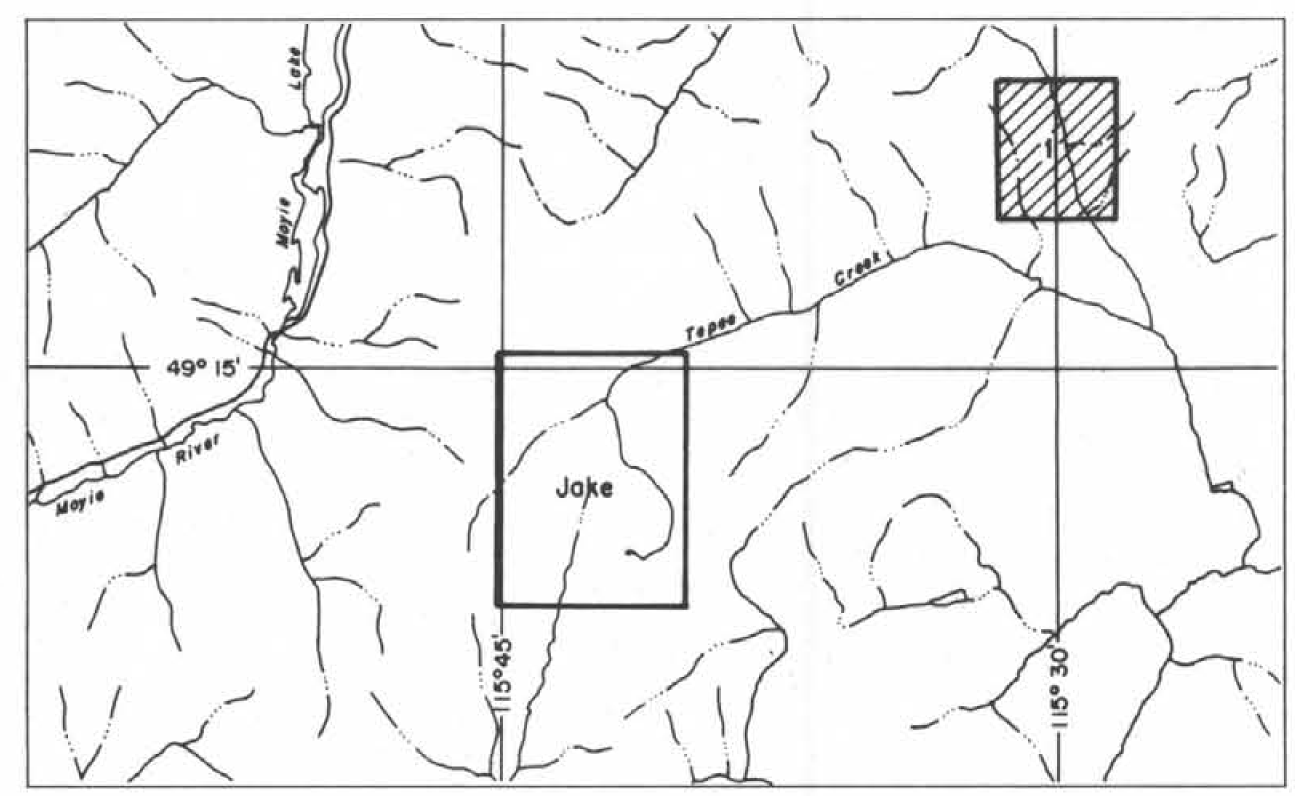
Total Field Magnetic Intensity Contours in nT.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

2 nT
10 nT
50 nT
250 nT
1000 nT



BAPTY RESEARCH LTD.

TOTAL FIELD MAGNETIC CONTOURS

P/C

AREA 1

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

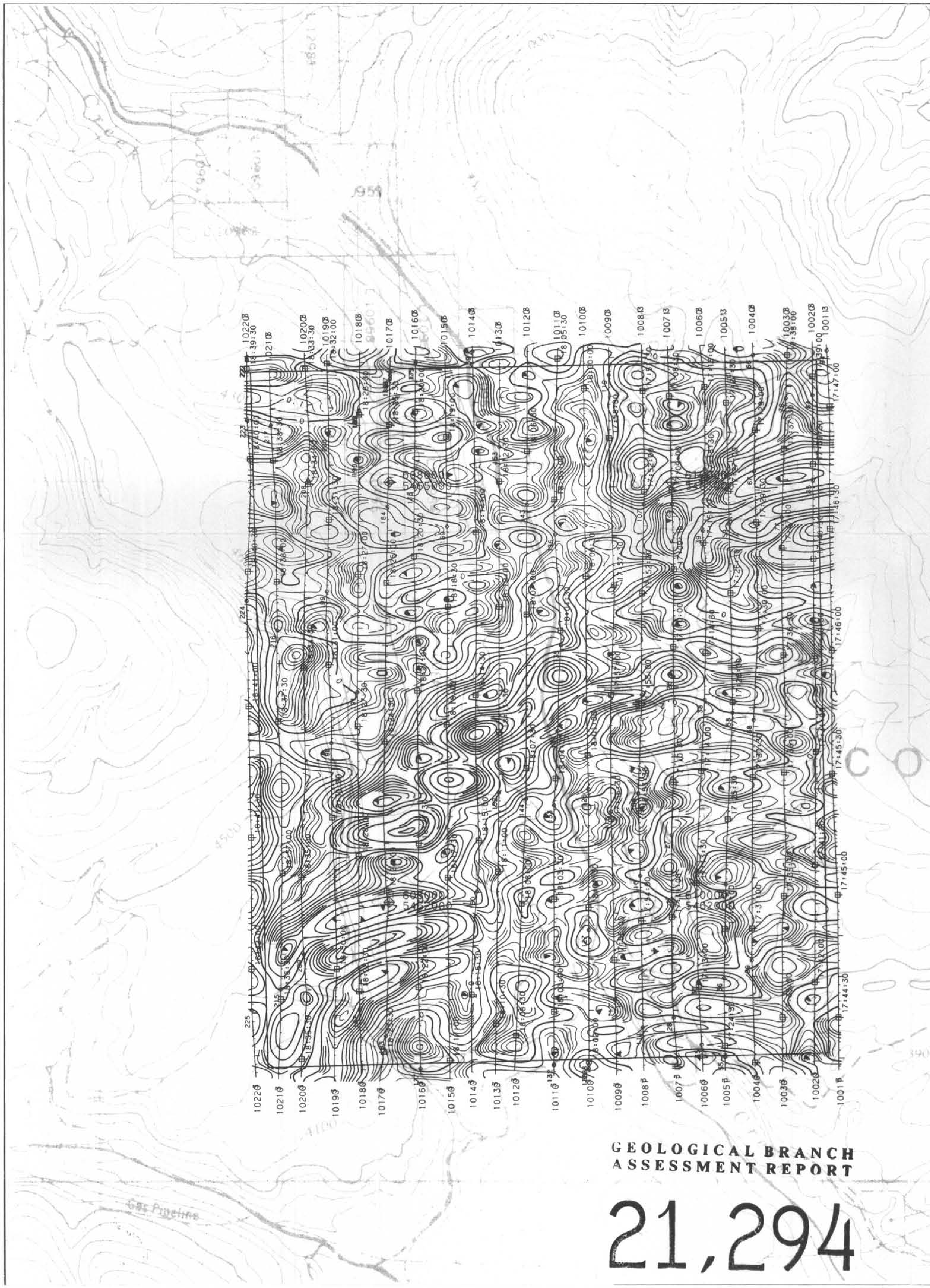
0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82G 5/6

MAP No: 3 J9065 - 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

N

Flight Path

Flight path recovery from
VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Vertical Gradient

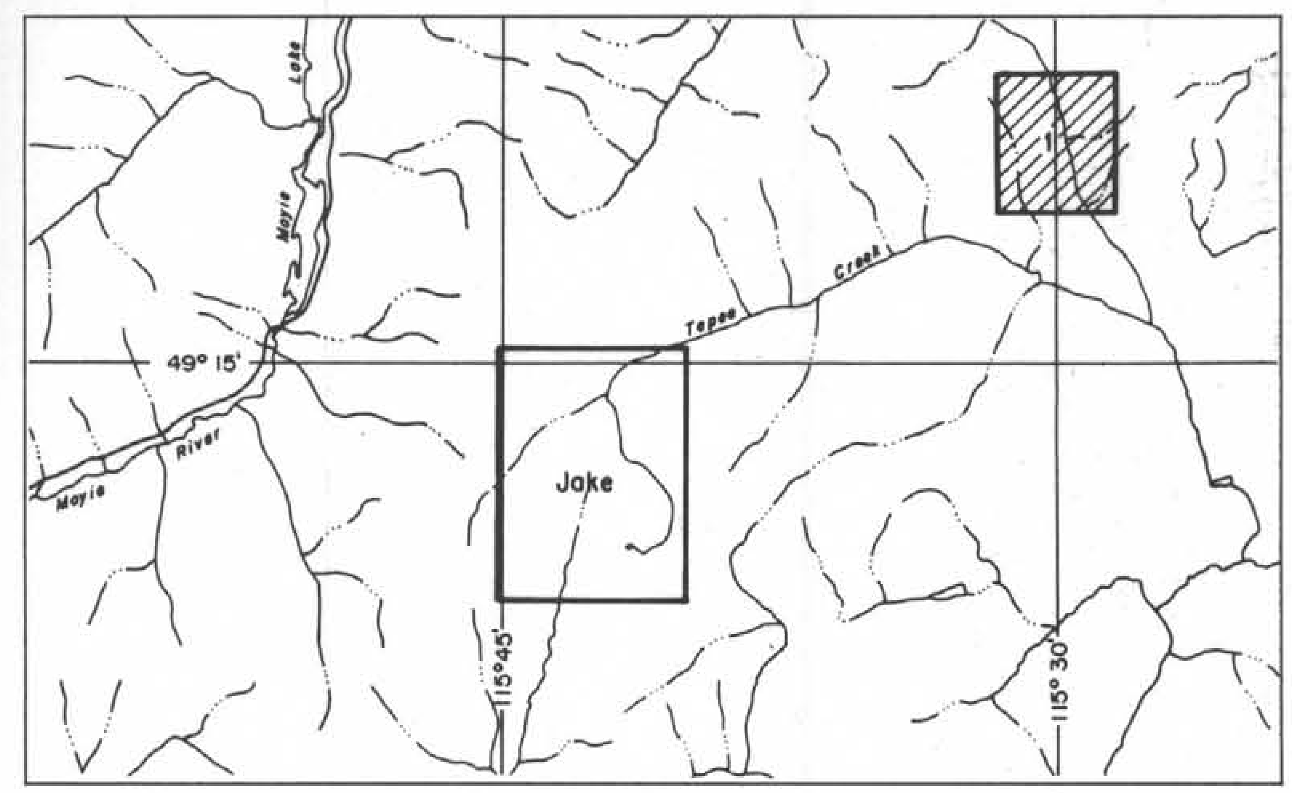
Vertical Magnetic Gradient
calculated from the total field
magnetic intensity in nT/m.

Cesium high sensitivity
magnetometer.

Sensor elevation 45m

Map contours are multiples of
those listed below

0.02 nT
0.10 nT
0.50 nT
2.50 nT
10.00 nT



BAPTY RESEARCH LTD.

CALCULATED VERTICAL MAGNETIC GRADIENT

P/C

AREA 1

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

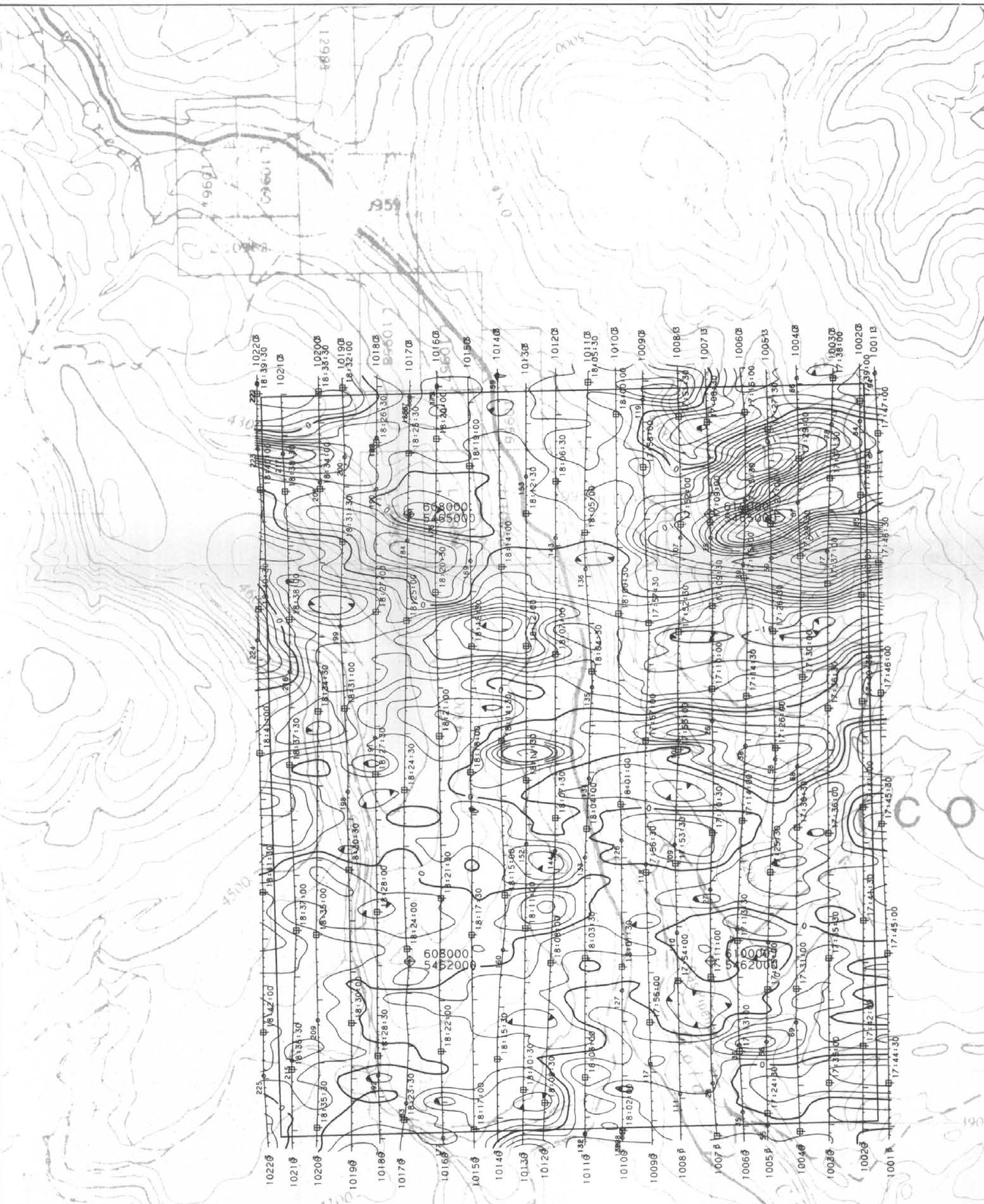
0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82G 5/6

MAP No: 4 J9065 - 1



N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

VLF-EM

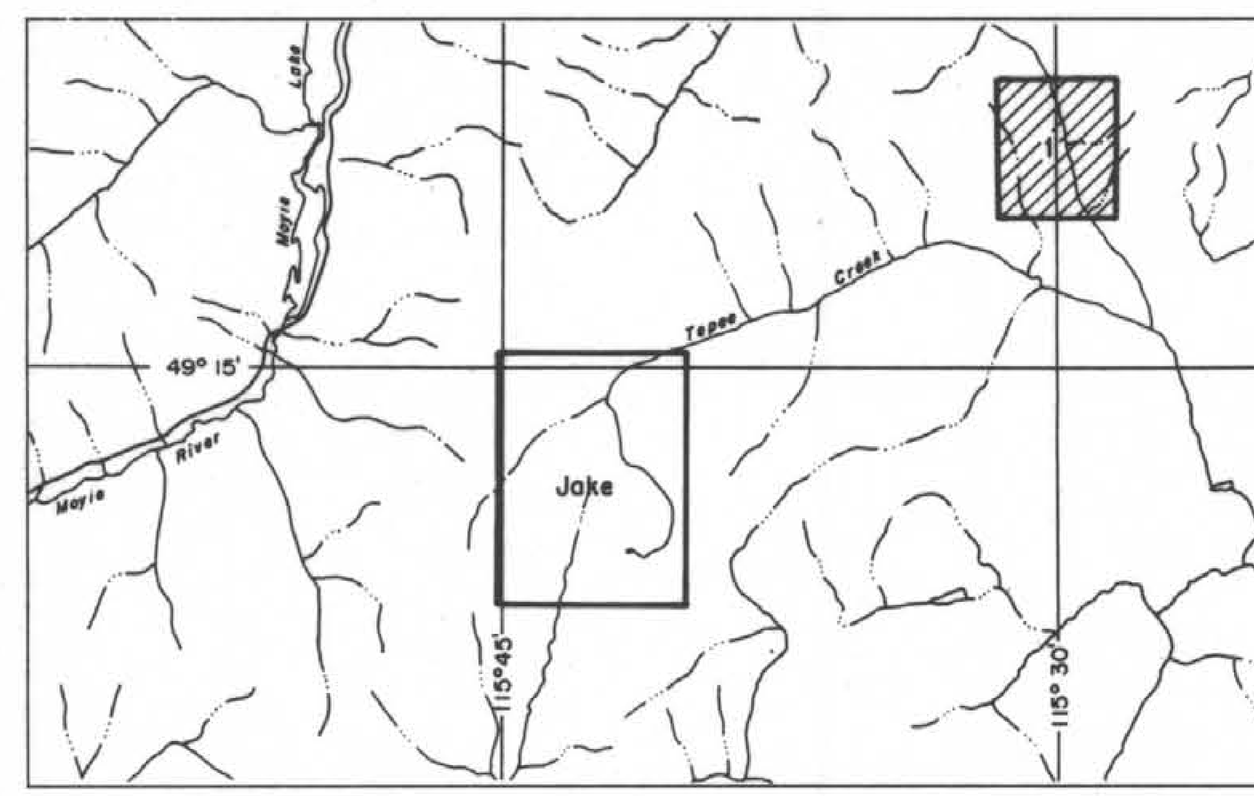
VLF-EM Total Field Intensity in percent.

Station: NAA
Cutler, Maine
24.0 kHz

Sensor elevation 45m

Map contours are multiples of those listed below

2 %
10 %
50 %
250 %



BAPTY RESEARCH LTD.

VLF-EM TOTAL FIELD CONTOURS (LINE CHANNEL)

P/C

AREA 1

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

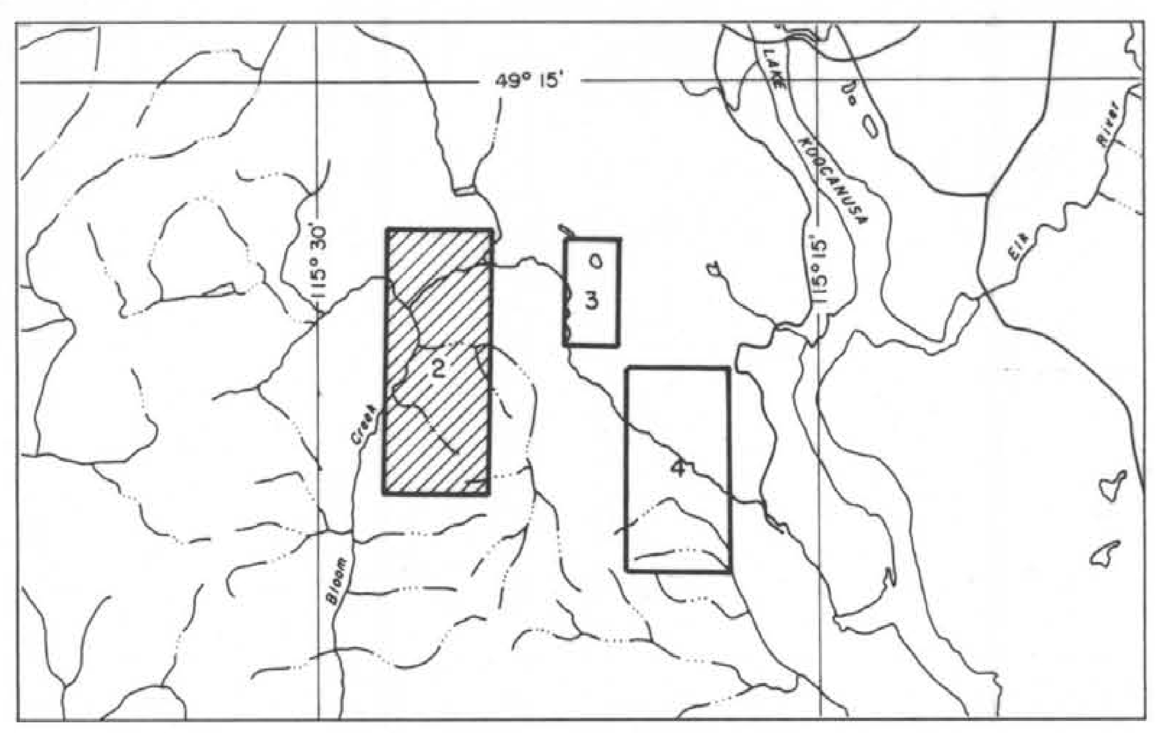
DATE: AUGUST 1990

NTS No: 82G 5/6

MAP No: 5 J9065 - 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

BAPTY RESEARCH LTD.

BASE MAP

AREA 2

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

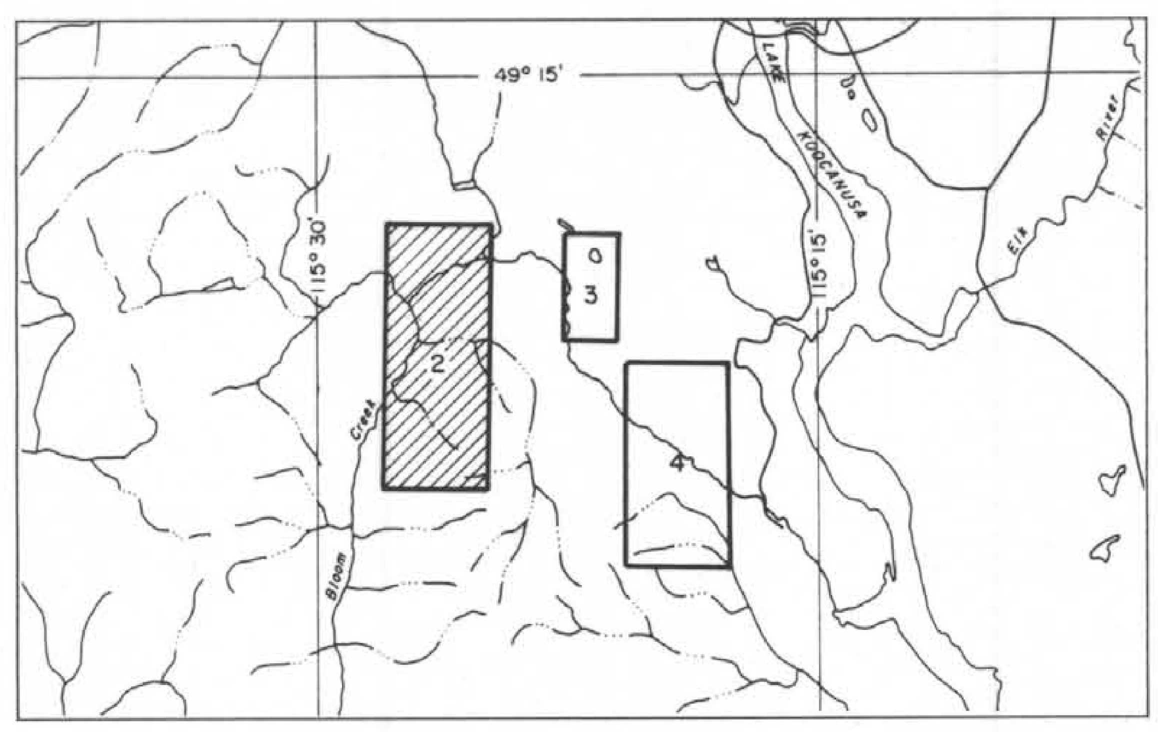
AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	1 J9065 - 1

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

BAPTY RESEARCH LTD.

FLIGHT PATH

AREA 2

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82 G/3

MAP No: 2 J9065 - 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Magnetics

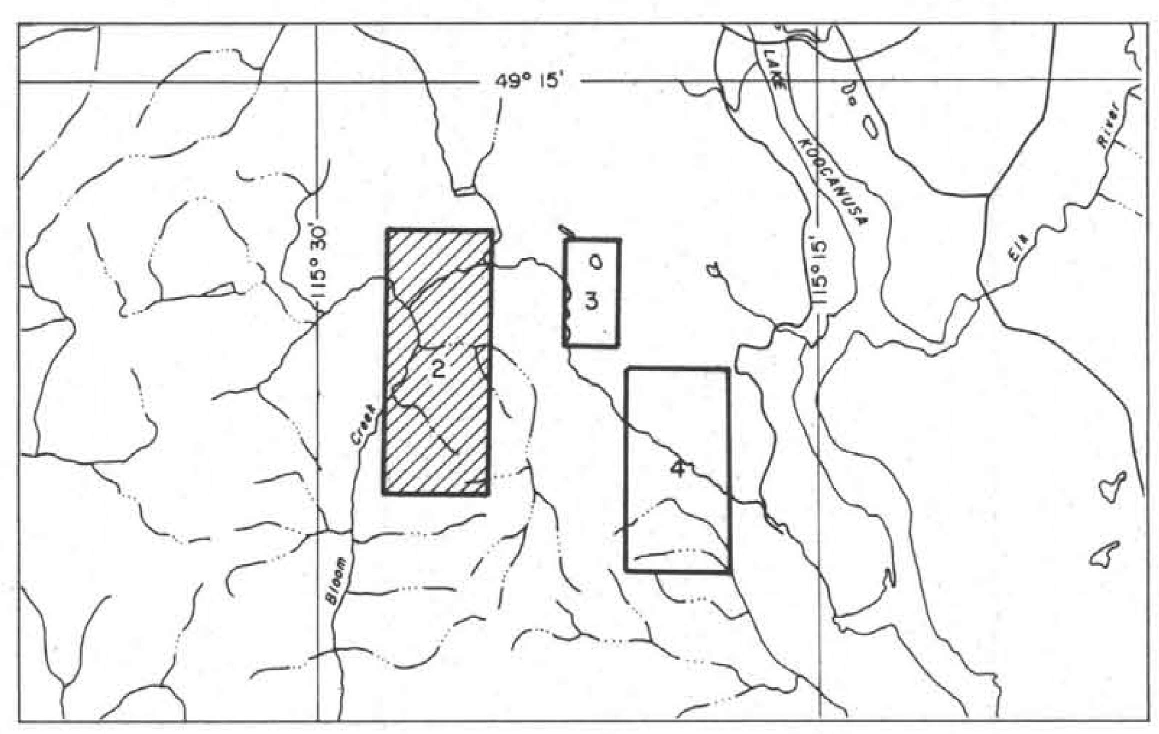
Total Field Magnetic Intensity Contours in nT.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

2 nT
10 nT
50 nT
250 nT
1000 nT



BAPTY RESEARCH LTD.

TOTAL FIELD MAGNETIC CONTOURS

AREA 2

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	3

J9065 - 1

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Vertical Gradient

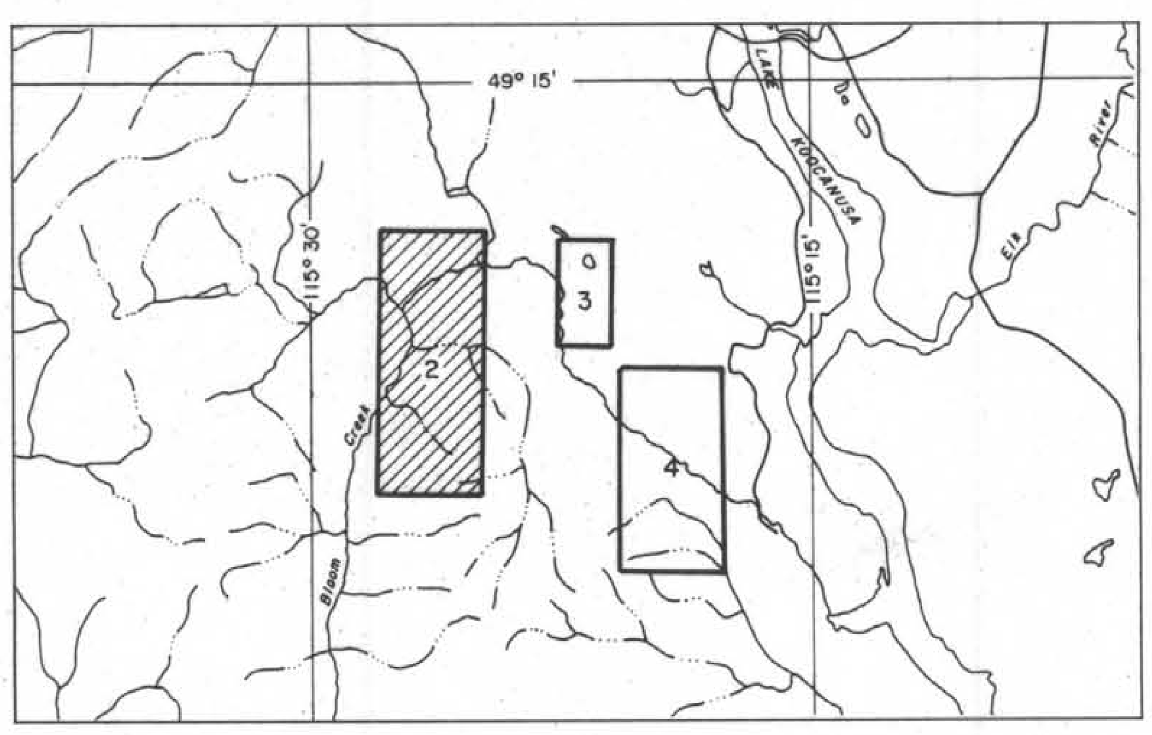
Vertical Magnetic Gradient calculated from the total field magnetic intensity in nT/m.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

———	0.02 nT
———	0.10 nT
———	0.50 nT
———	2.50 nT
———	10.00 nT



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

BAPTY RESEARCH LTD.

CALCULATED VERTICAL MAGNETIC GRADIENT

AREA 2

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82 G/3

MAP No: 4

J9065 - 1

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

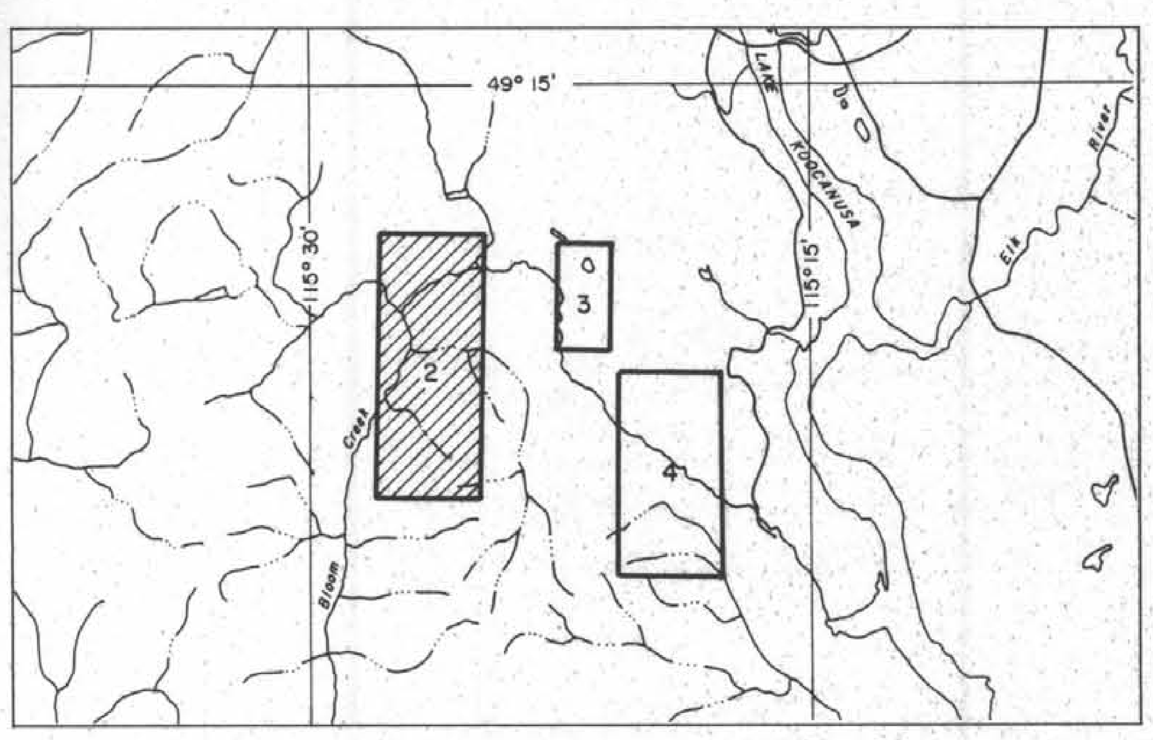
VLF-EM

VLF-EM Total Field Intensity in percent.

Station: NAA
Cutler, Maine
24.0 kHz

Sensor elevation 45m

Map contours are multiples of those listed below
2 %
10 %
50 %
250 %



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

BAPTY RESEARCH LTD.

VLF-EM TOTAL FIELD CONTOURS (LINE CHANNEL)

AREA 2

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

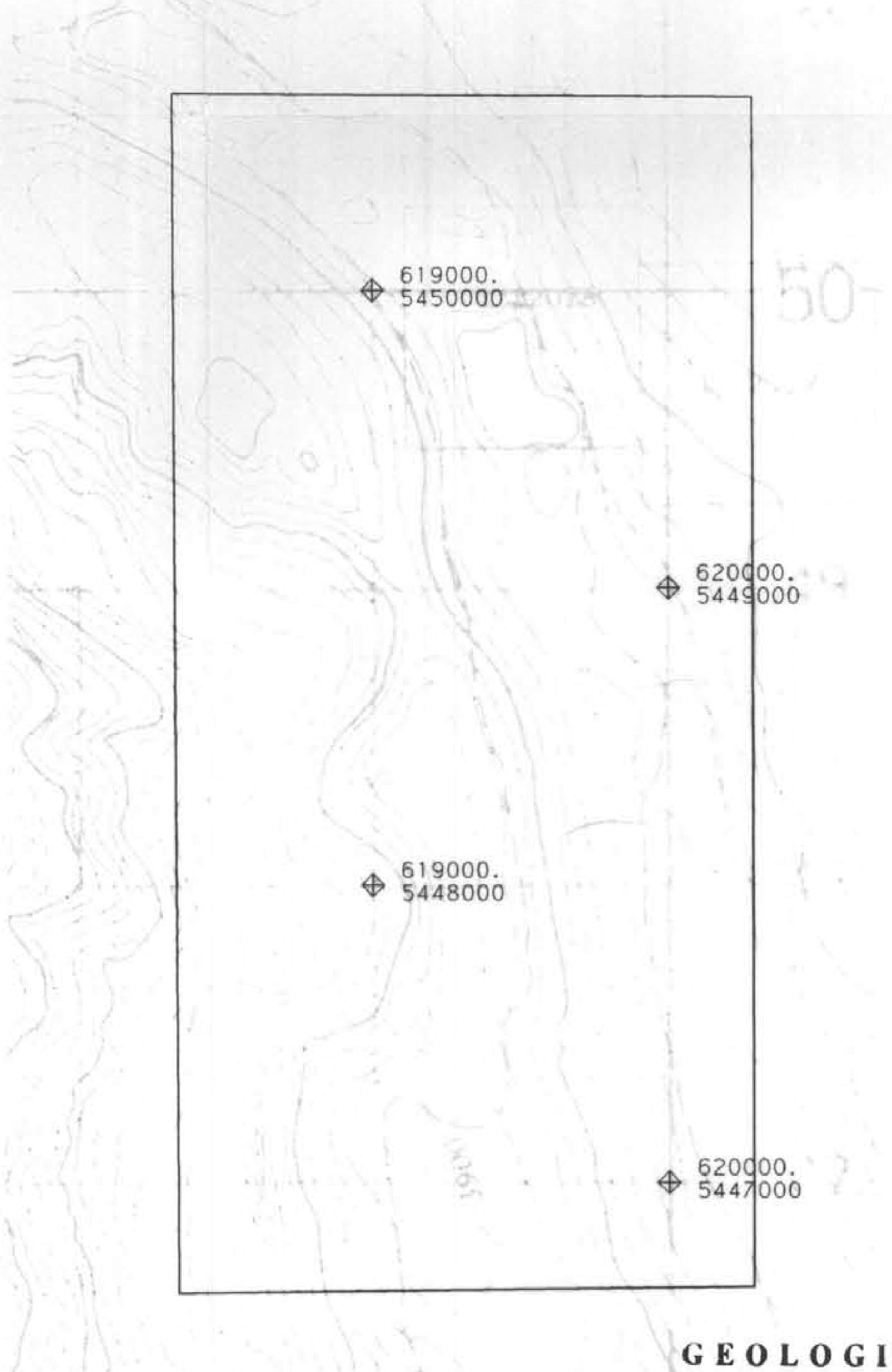
AERODAT LIMITED

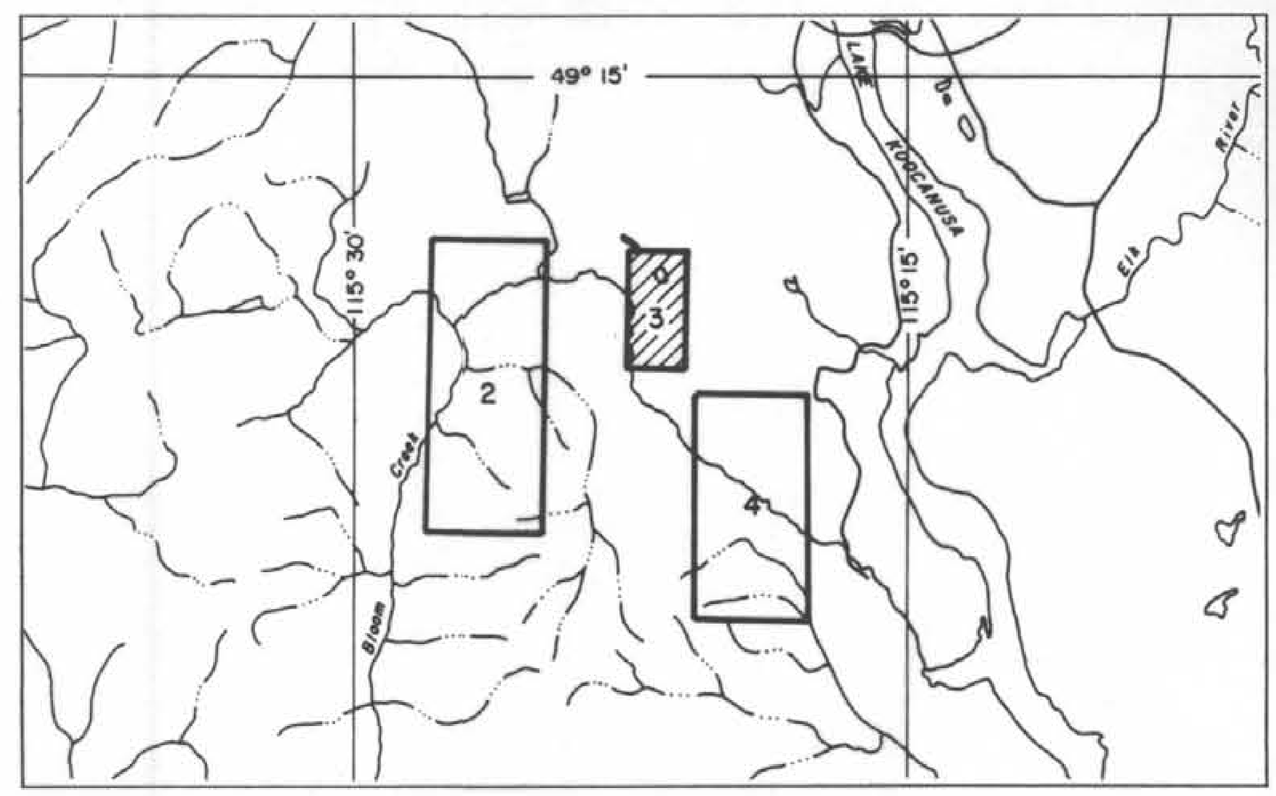
DATE: AUGUST 1990

NTS No: 82 G/3

MAP No: 5

J9065 - 1





GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

BAPTY RESEARCH LTD.

BASE MAP

AREA 3

BRITISH COLUMBIA

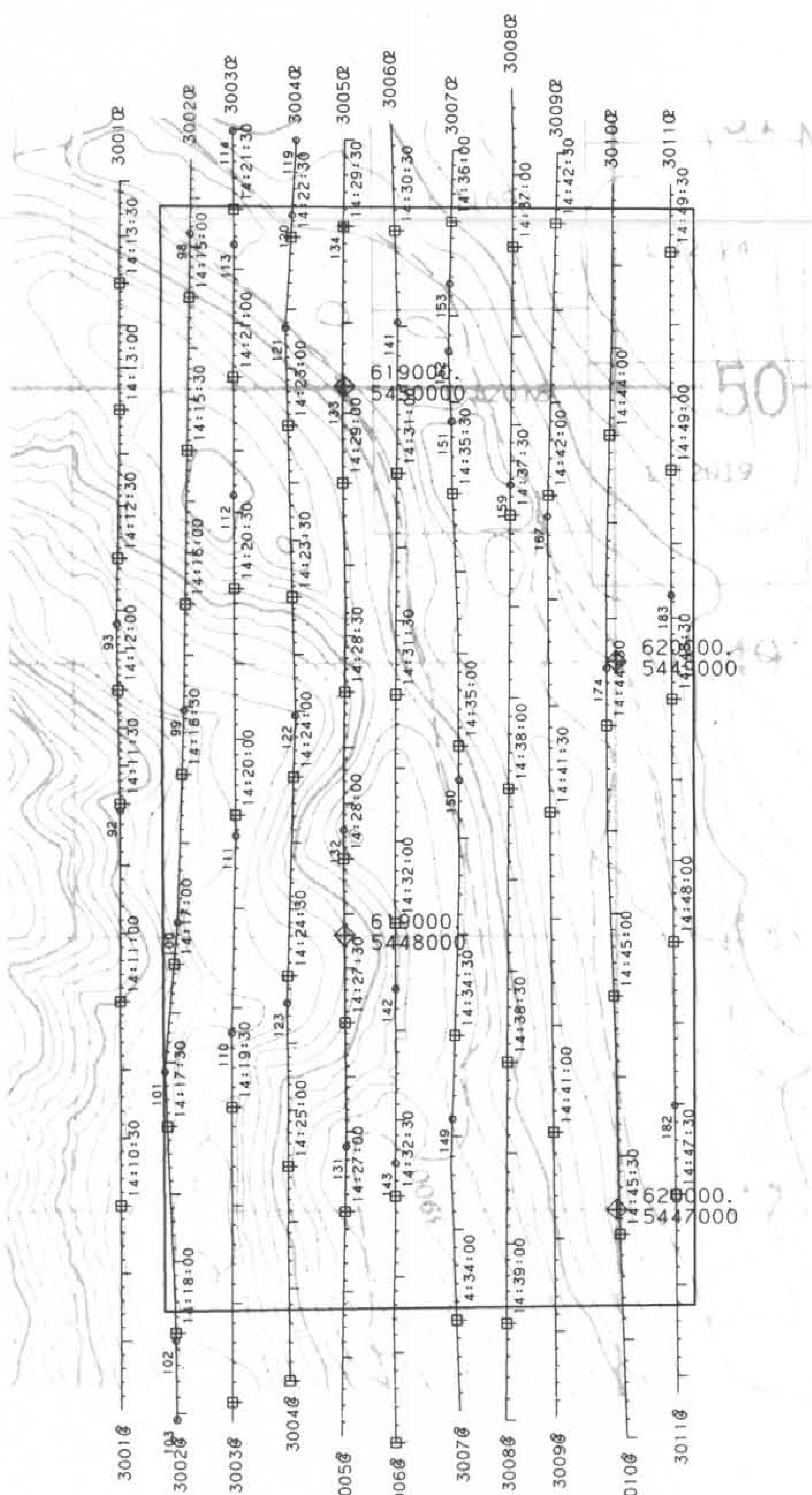
SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	1 J9065 - 1



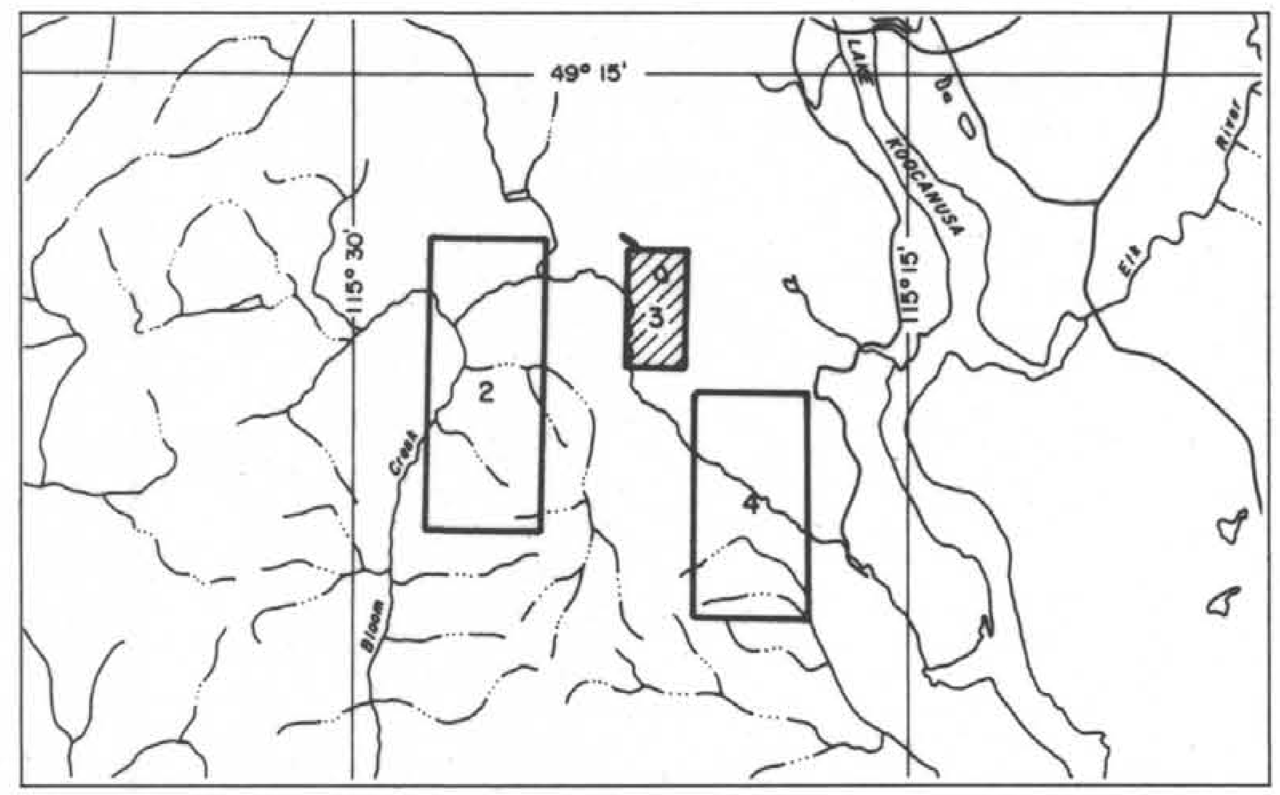
GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

Flight Path

Flight path recovery from
VHS video tape.

Average terrain clearance 60m
Average line spacing 200m



BAPTY RESEARCH LTD.

FLIGHT PATH

AREA 3

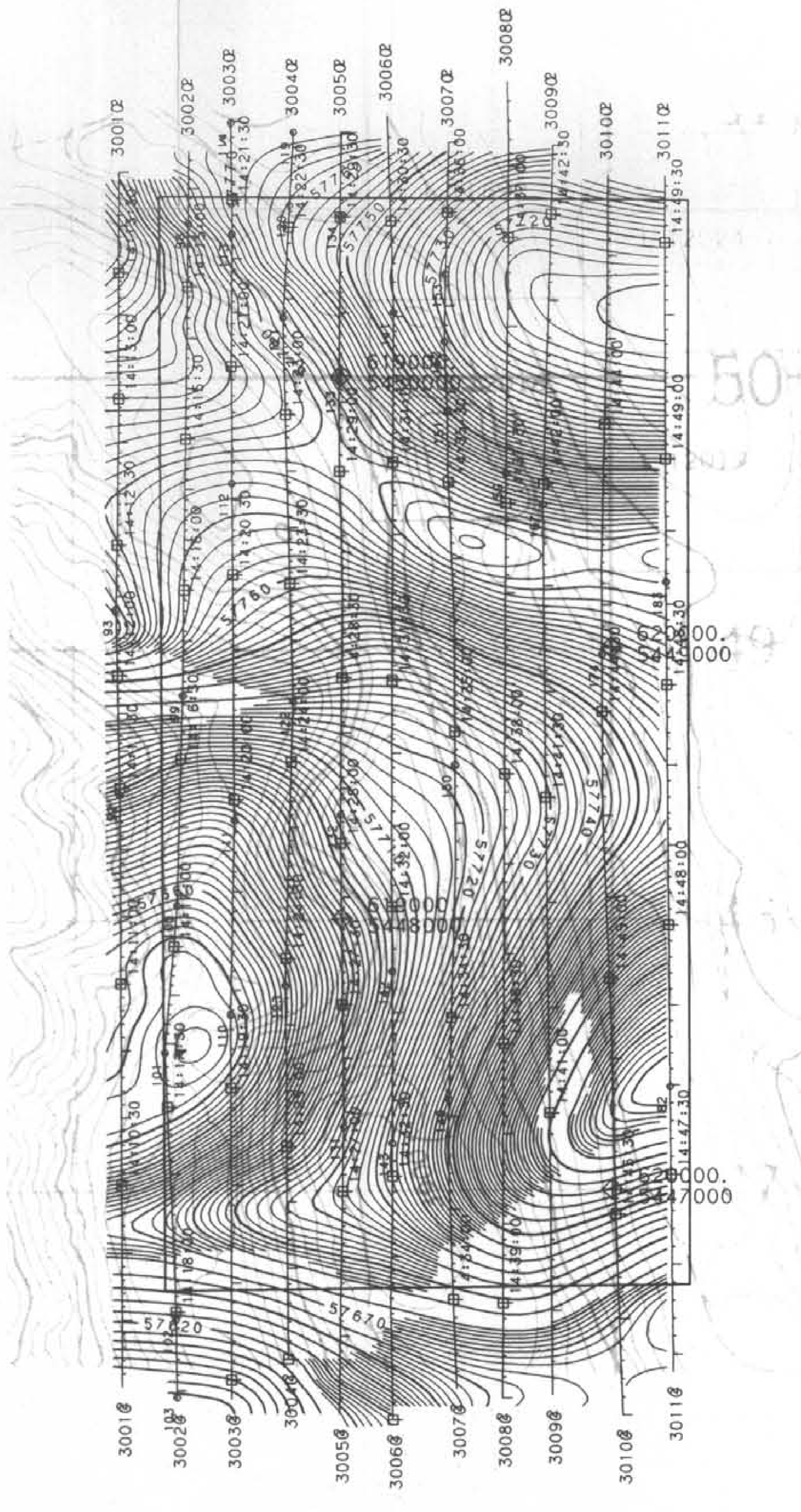
BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED	DATE: AUGUST 1990
	NTS No: 82 G/3
	MAP No: 2 J9065 - 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Magnetics

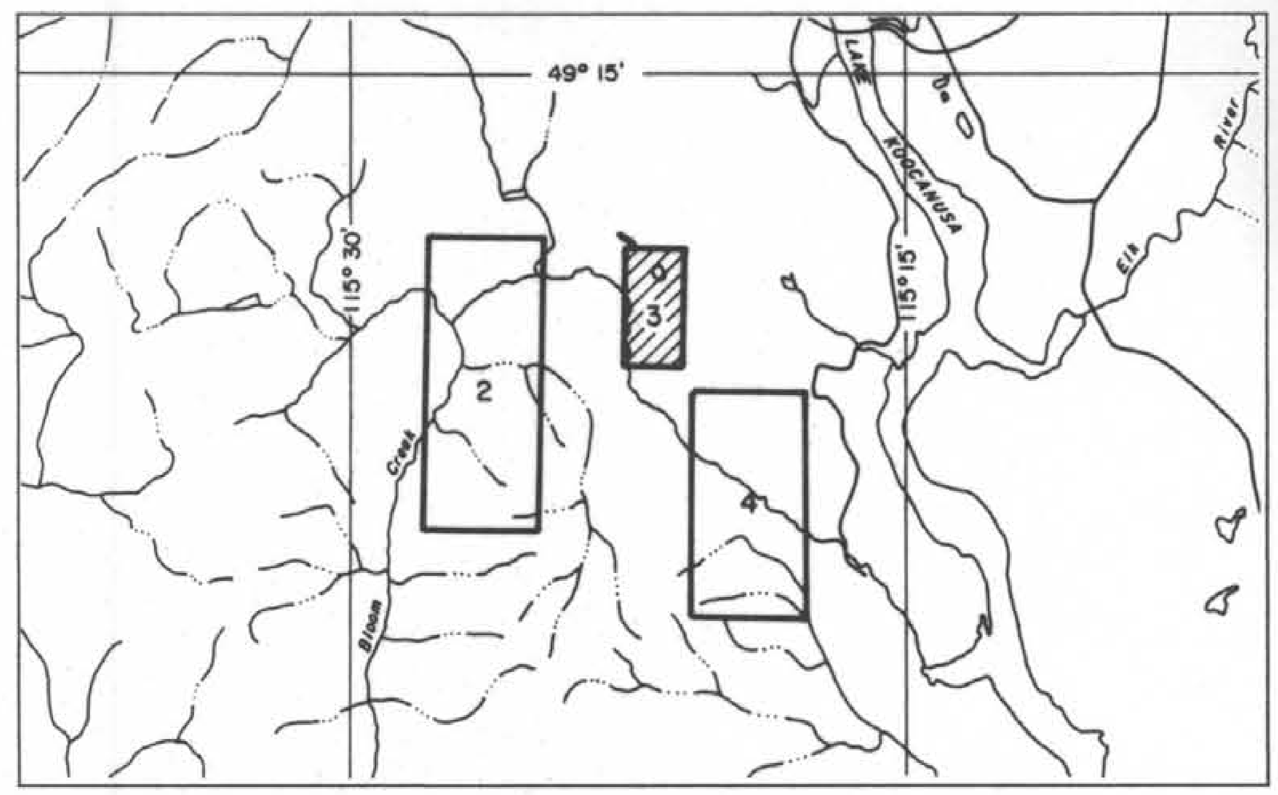
Total Field Magnetic Intensity Contours in nT.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

2 nT
10 nT
50 nT
250 nT
1000 nT



BAPTY RESEARCH LTD.

TOTAL FIELD MAGNETIC CONTOURS

AREA 3

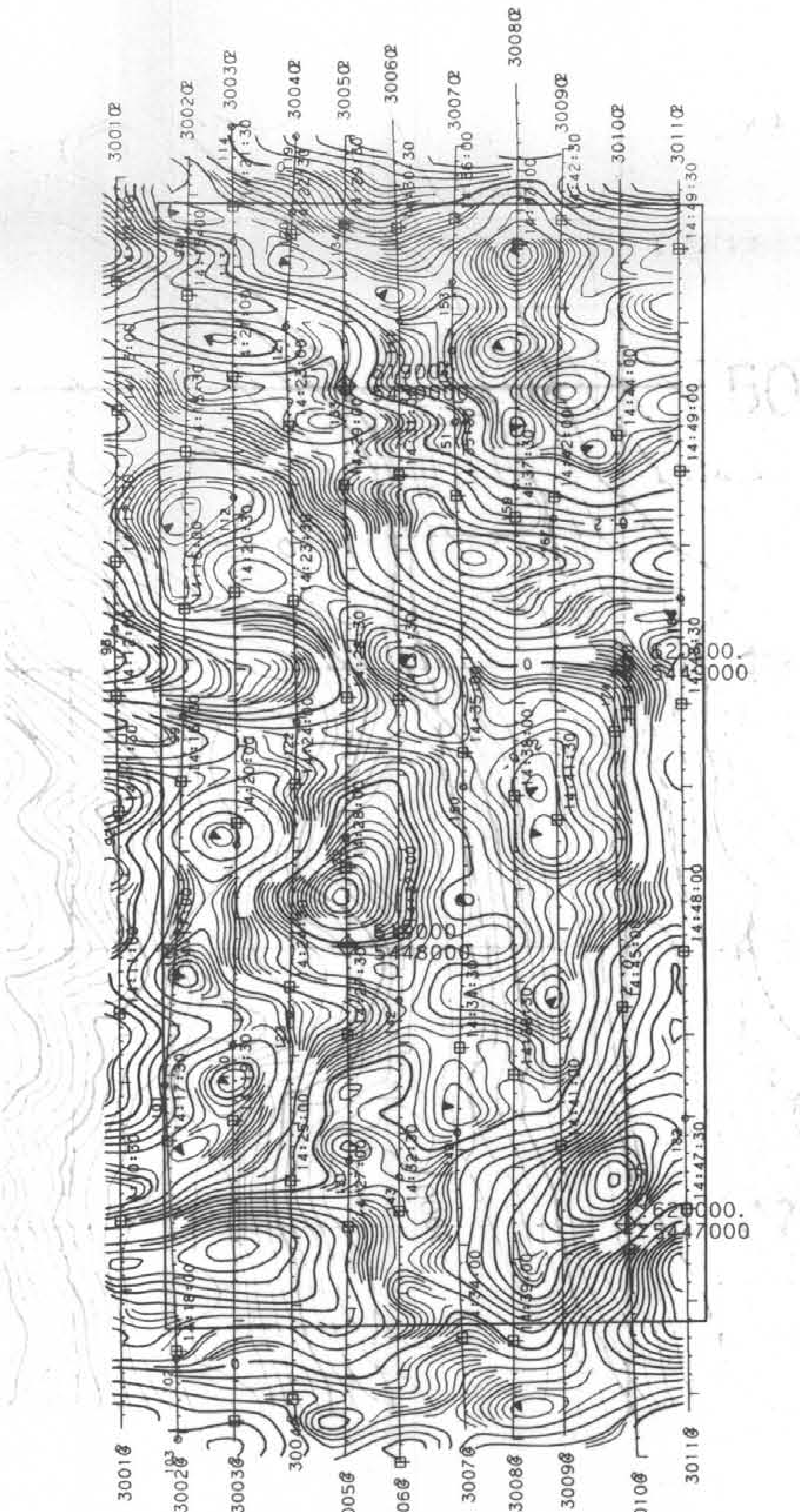
BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED	DATE: AUGUST 1990
	NTS No: 82 G/3
	MAP No: 3 J9065 - 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

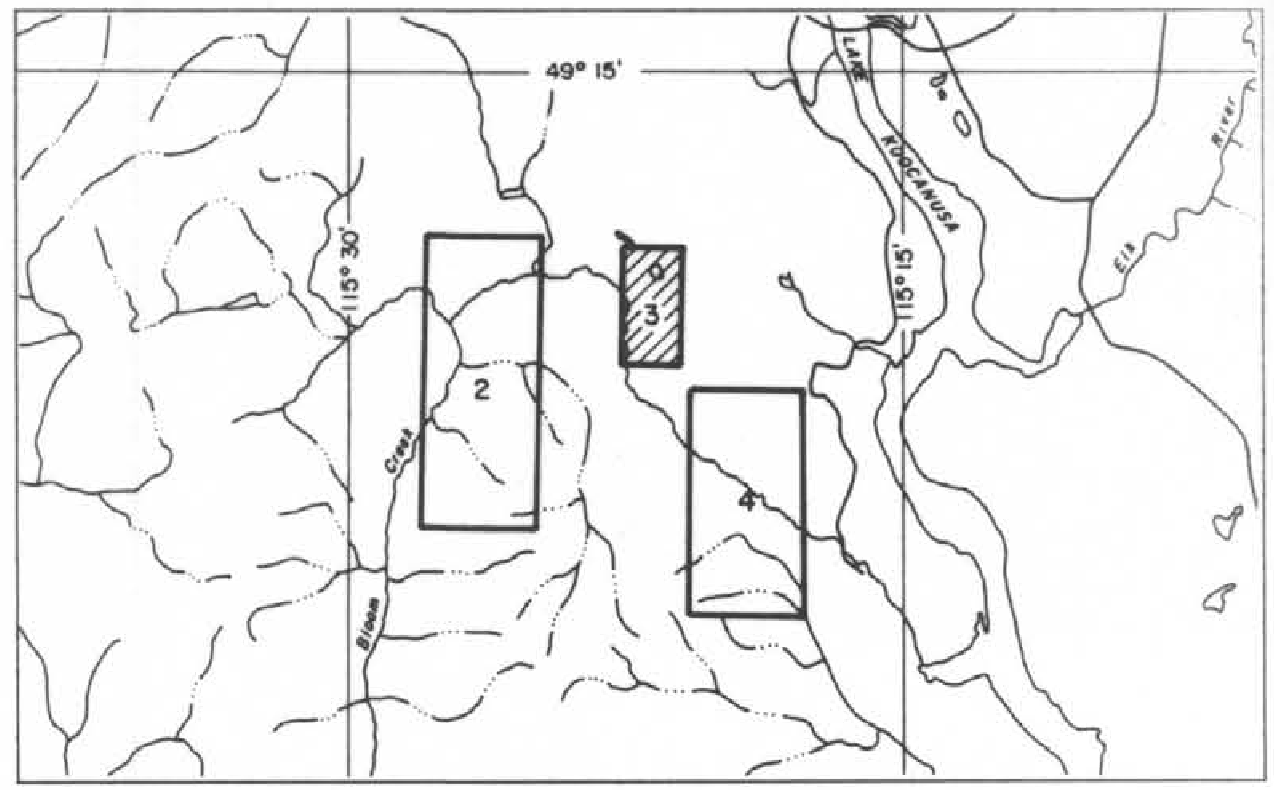
Vertical Gradient

Vertical Magnetic Gradient calculated from the total field magnetic intensity in nT/m.

Cesium high sensitivity magnetometer.

Sensor elevation 45m
Map contours are multiples of those listed below

0.02 nT
0.10 nT
0.50 nT
2.50 nT
10.00 nT



BAPTY RESEARCH LTD.

CALCULATED VERTICAL MAGNETIC GRADIENT

AREA 3

BRITISH COLUMBIA

SCALE 1:20,000

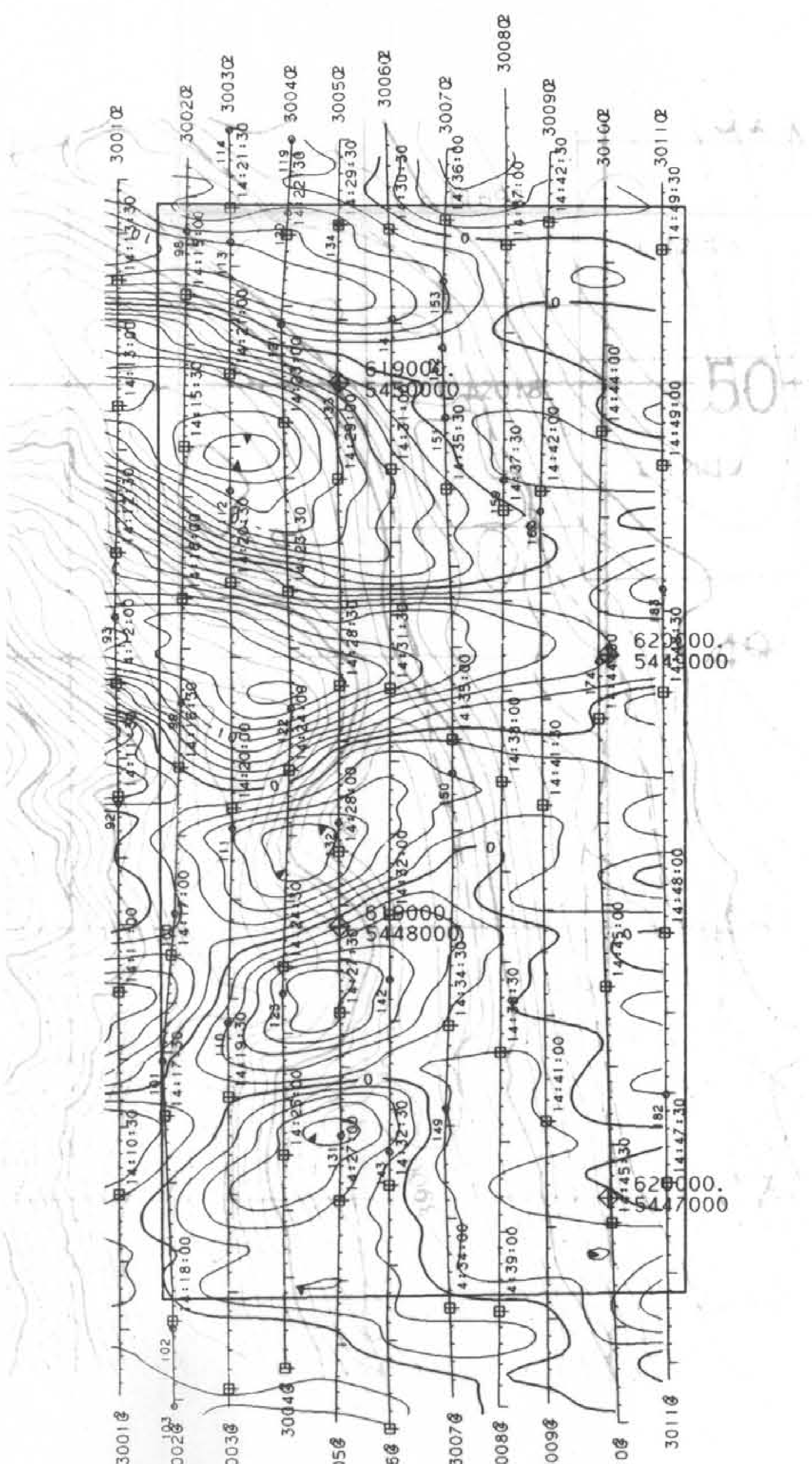
0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	4

J9065 - 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

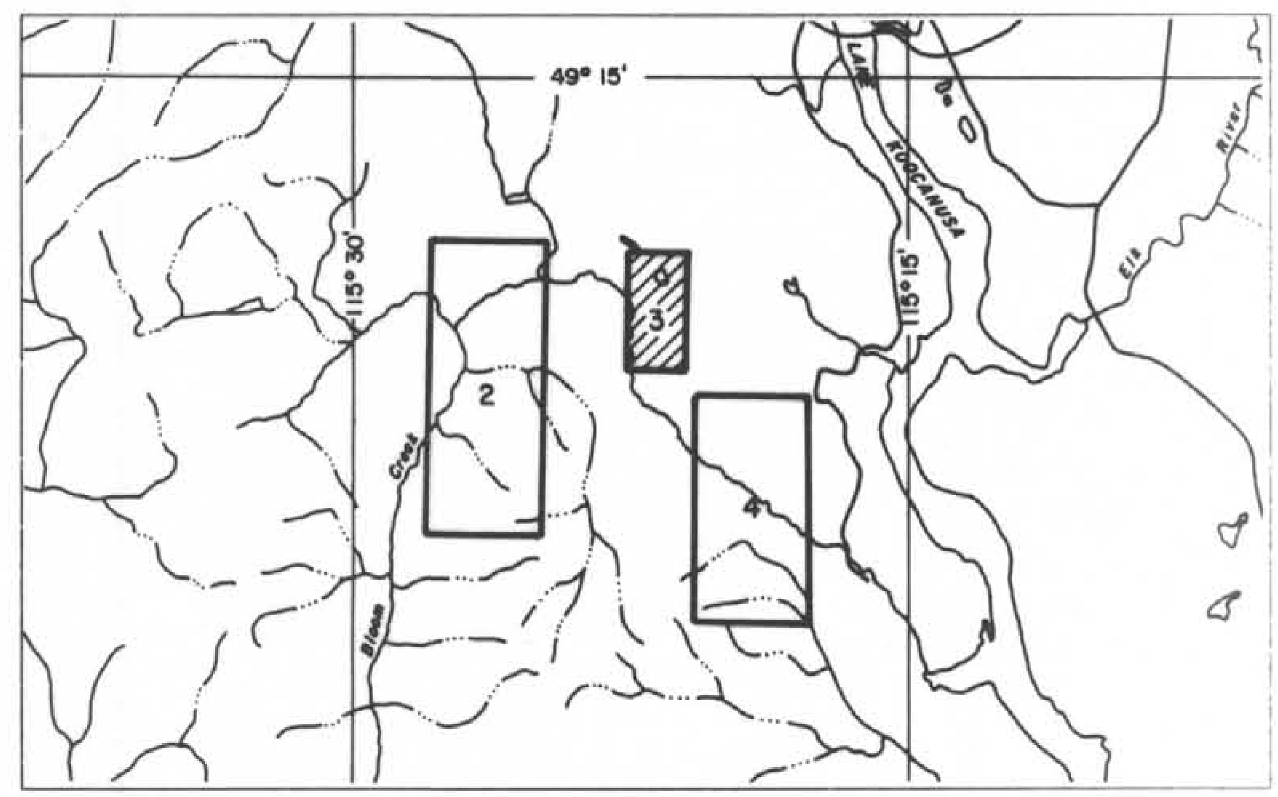
VLF-EM

VLF-EM Total Field Intensity in percent.

Station: NAA
Cutler, Maine
24.0 kHz

Sensor elevation 45m
Map contours are multiples of those listed below

2 %
10 %
50 %
250 %



BAPTY RESEARCH LTD.

VLF-EM TOTAL FIELD CONTOURS (LINE CHANNEL

AREA 3

BRITISH COLUMBIA

SCALE 1:20,000

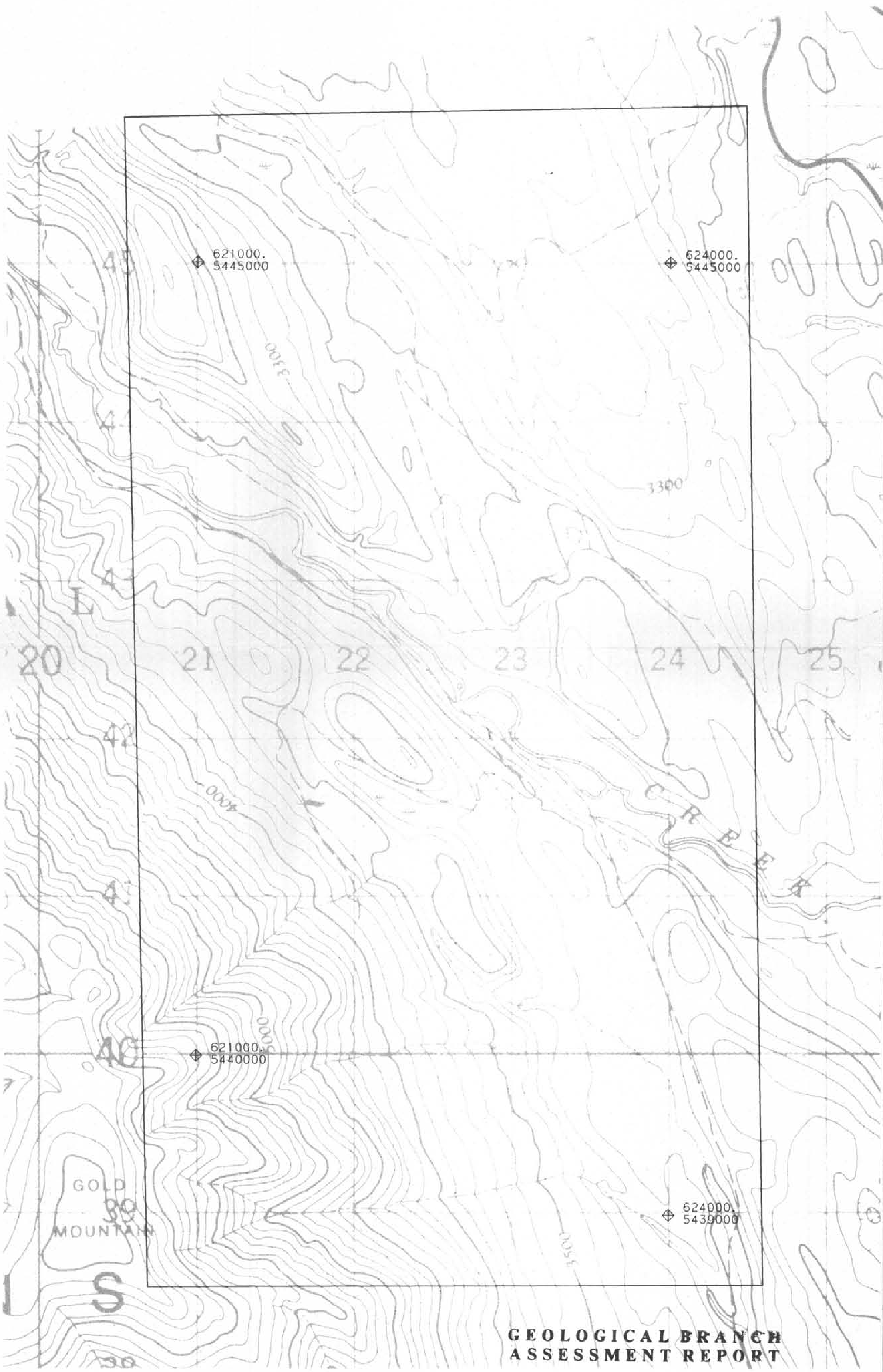
0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

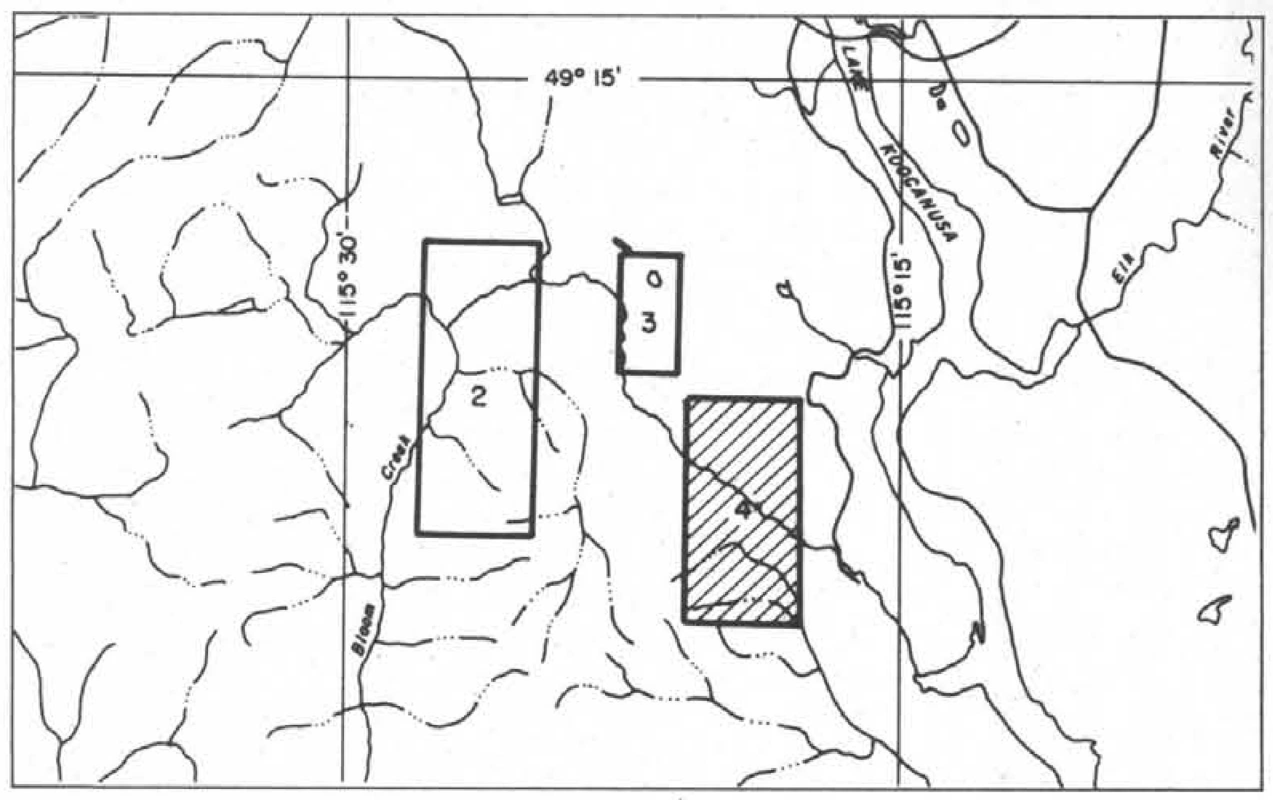
DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	5

J9065 - 1



GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294



BAPTY RESEARCH LTD.

BASE MAP

AREA 4

BRITISH COLUMBIA

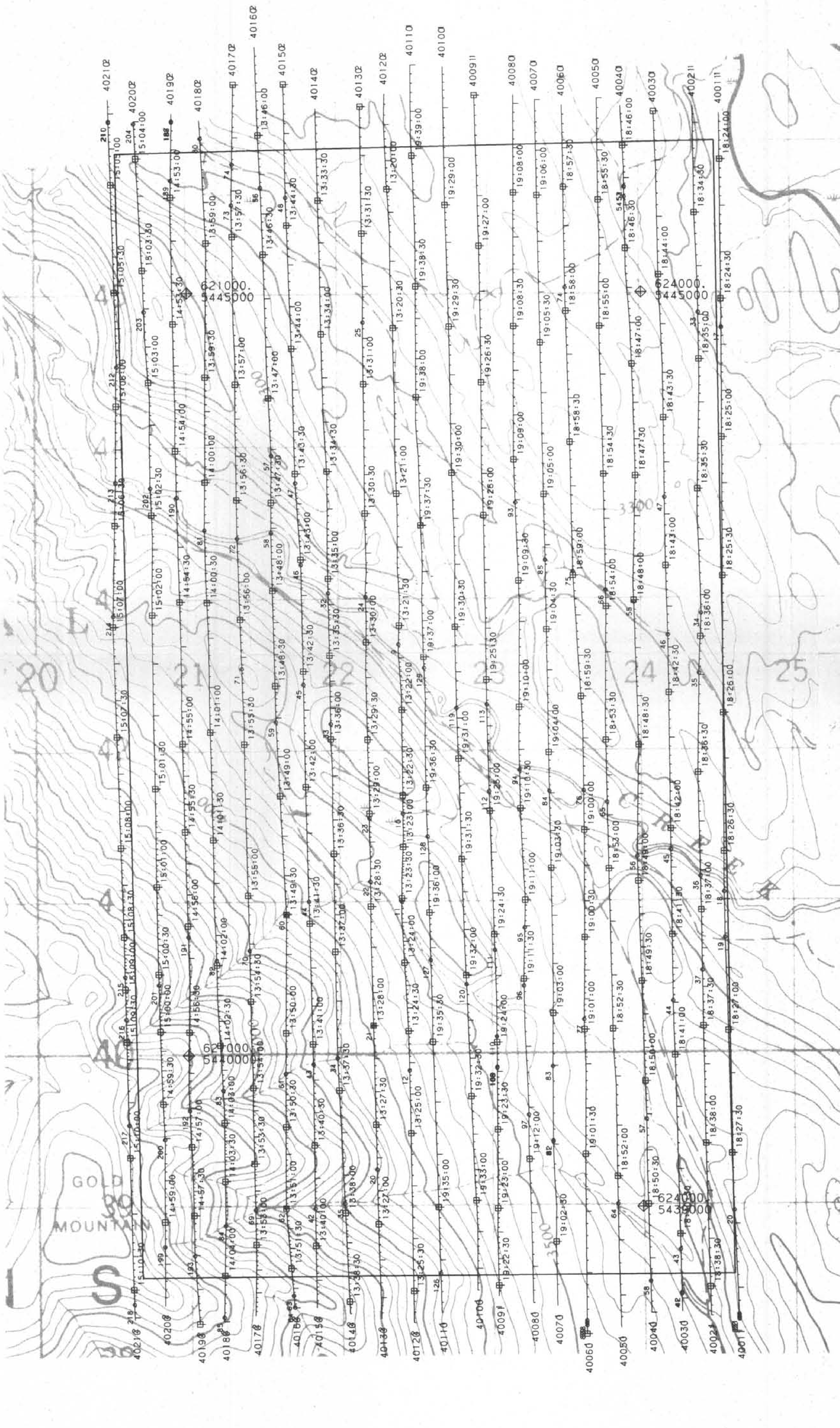
SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	1 J9065 - 1



N

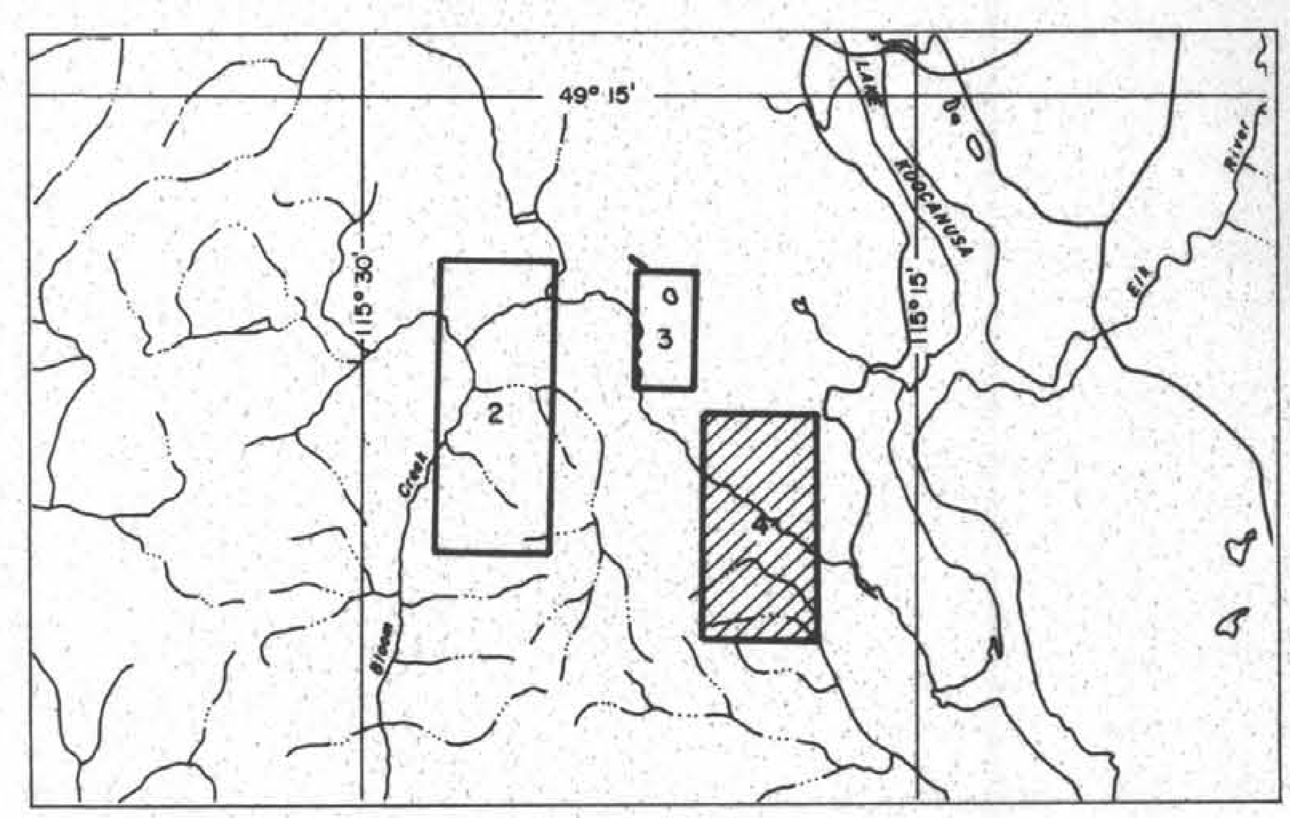
Flight Path

Flight path recovery from
VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

21,294



BAPTY RESEARCH LTD.

FLIGHT PATH

AREA 4

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

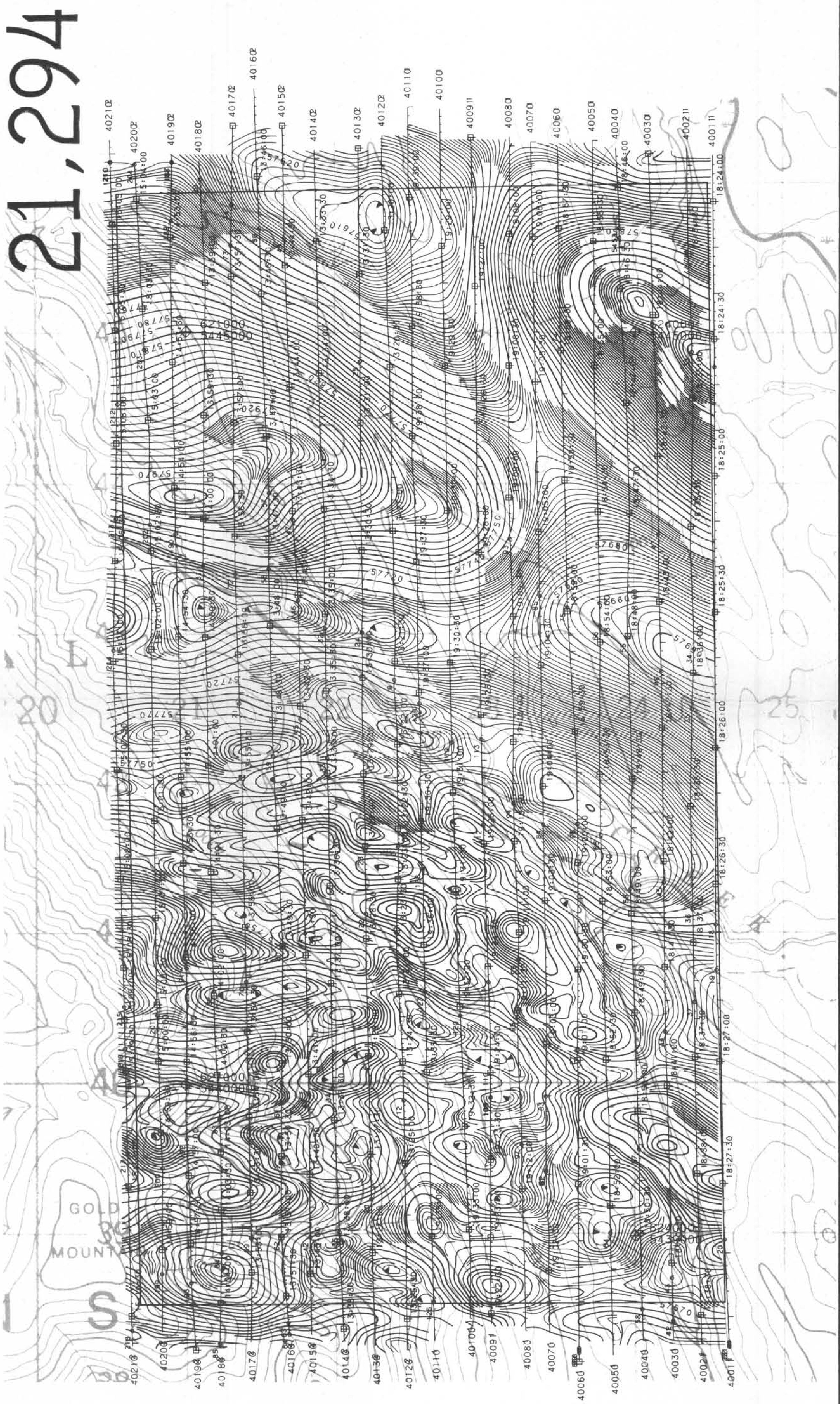
0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE:	AUGUST 1990
NTS No:	82 G/3
MAP No:	2 J9065 - 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294



N

Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

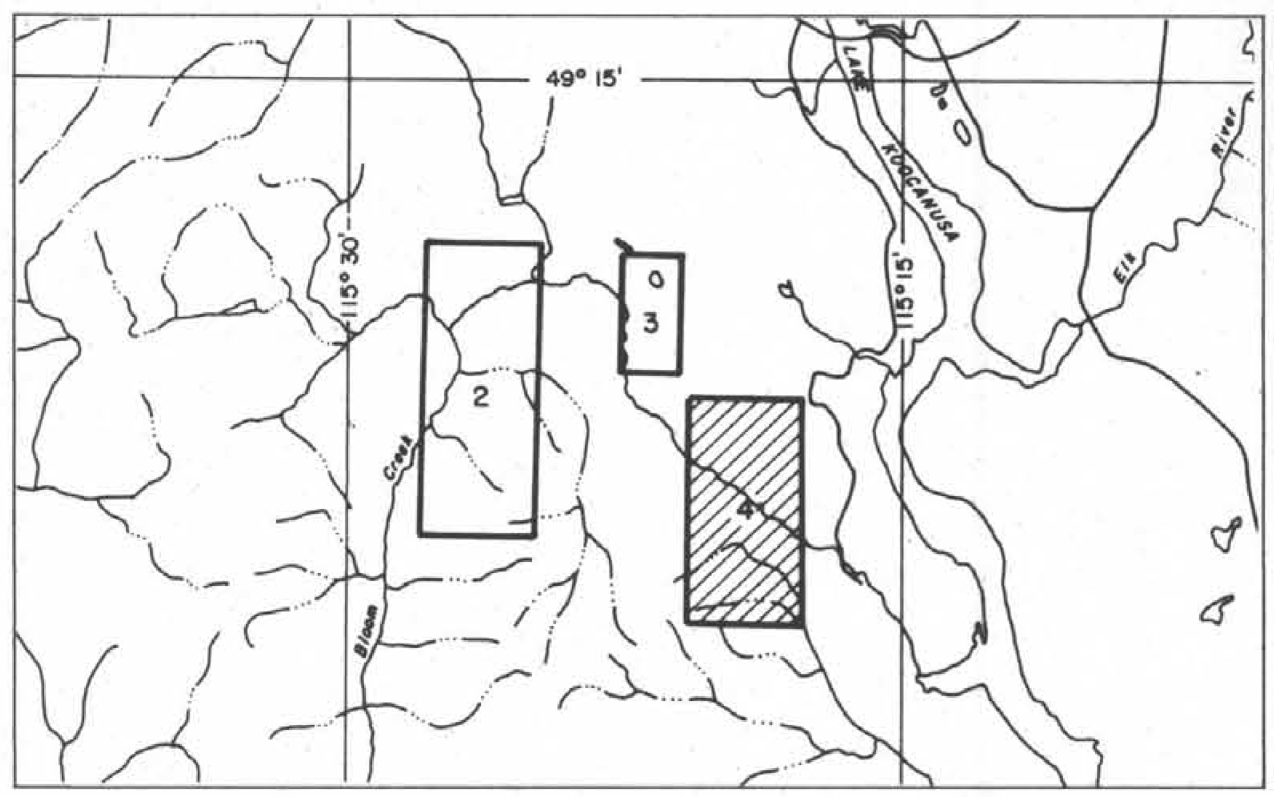
Magnetics

Total Field Magnetic Intensity Contours in nT.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below
2 nT
10 nT
50 nT
250 nT
1000 nT



BAPTY RESEARCH LTD.

TOTAL FIELD MAGNETIC CONTOURS

AREA 4

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

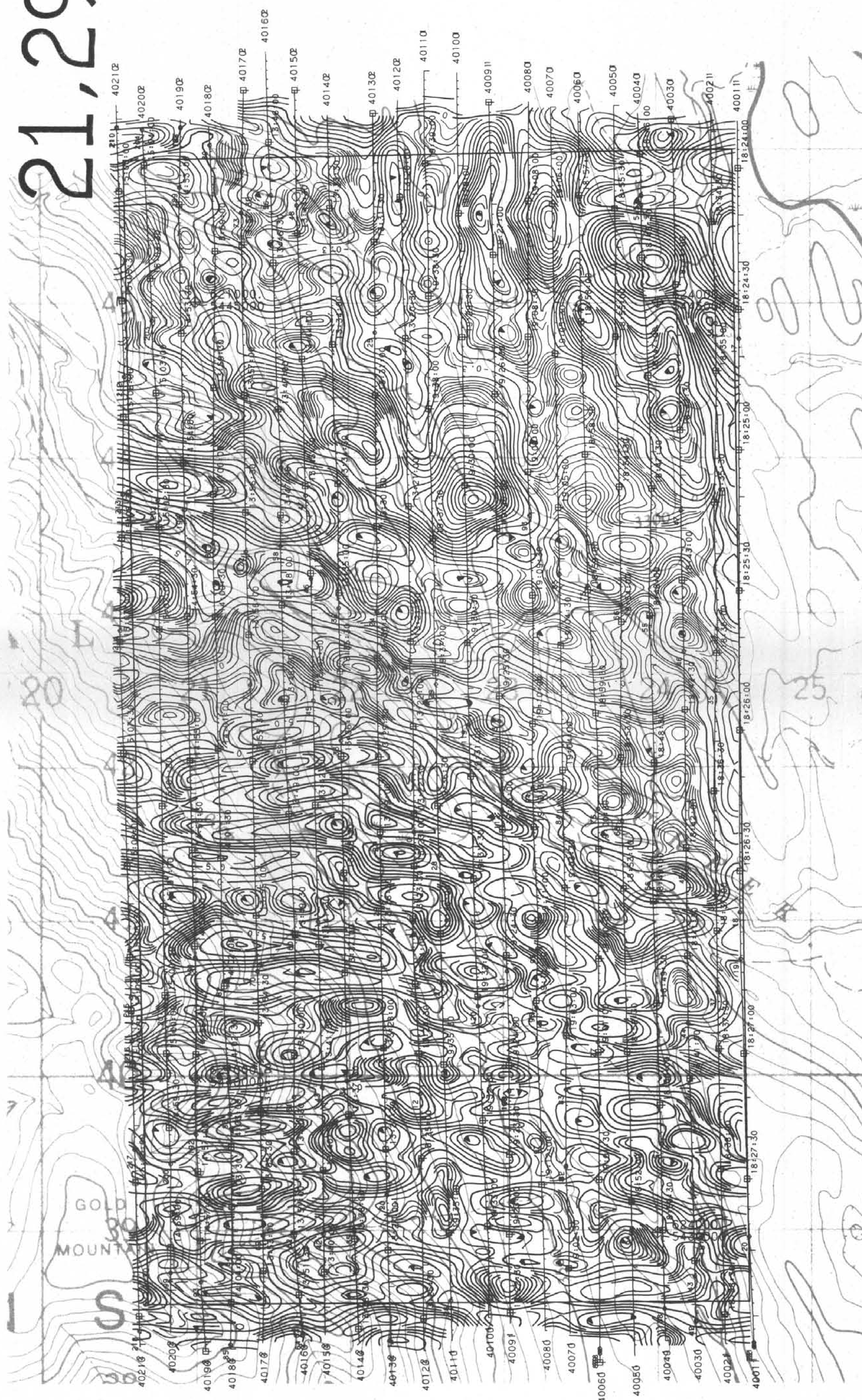
DATE: AUGUST 1990

NTS No: 82 G/3

MAP No: 3 J9065 - 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294



Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

Vertical Gradient

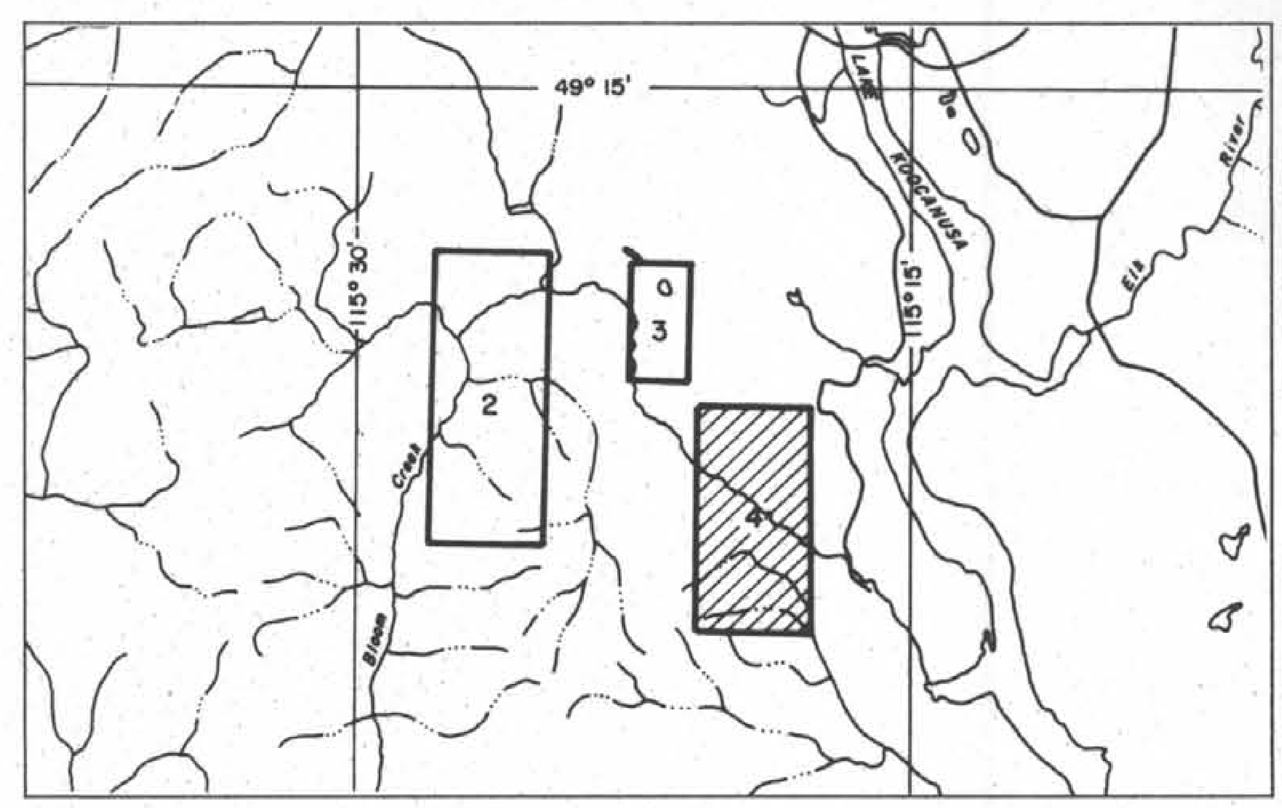
Vertical Magnetic Gradient calculated from the total field magnetic intensity in nT/m.

Cesium high sensitivity magnetometer.

Sensor elevation 45m

Map contours are multiples of those listed below

0.02 nT
0.10 nT
0.50 nT
2.50 nT
10.00 nT



BAPTY RESEARCH LTD.

CALCULATED VERTICAL MAGNETIC GRADIENT

AREA 4

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

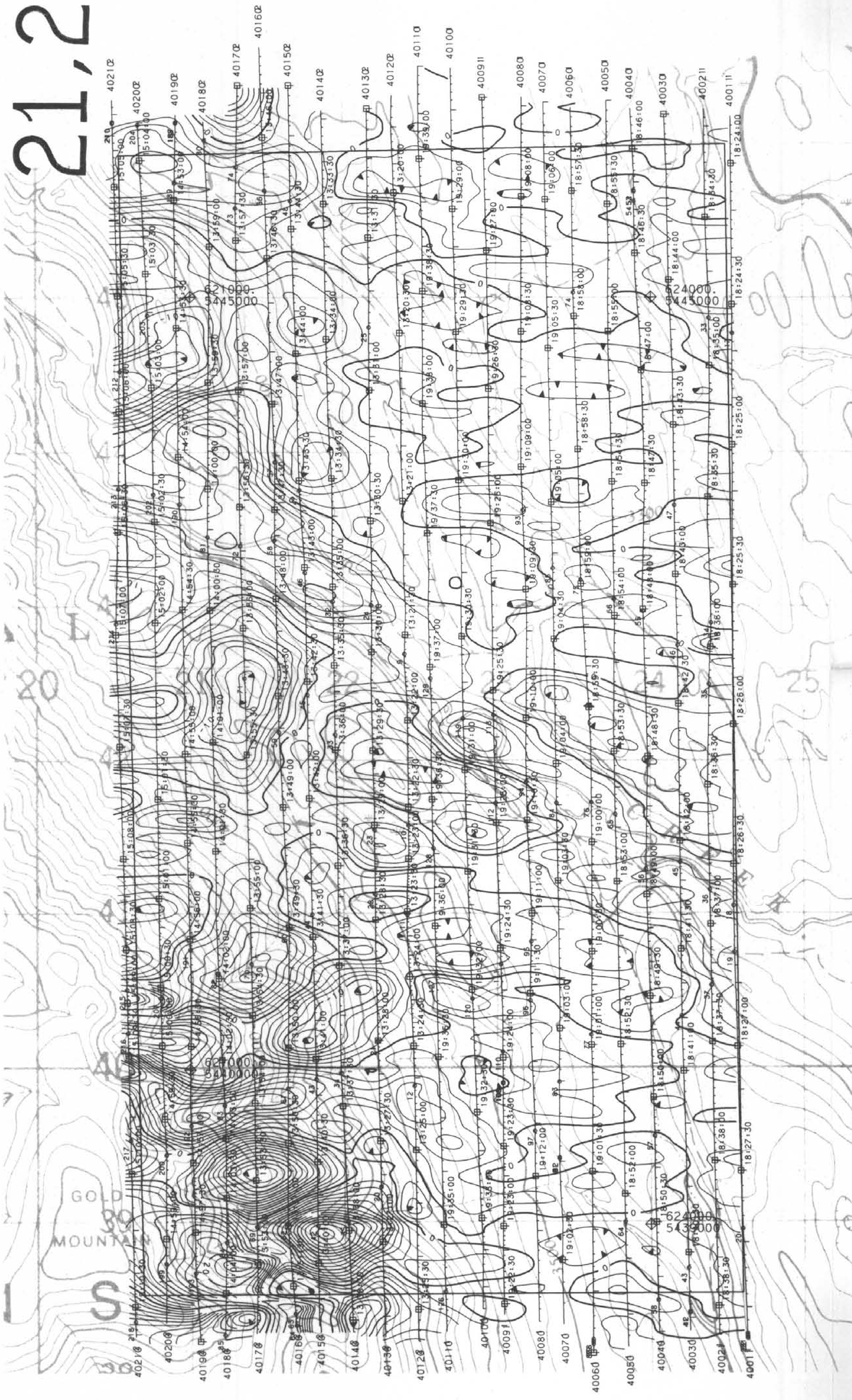
NTS No: 82 G/3

MAP No: 4

J9065 - 1

GEOLOGICAL BRANCH
ASSESSMENT REPORT

21,294



Flight Path

Flight path recovery from VHS video tape.

Average terrain clearance 60m
Average line spacing 200m

VLF-EM

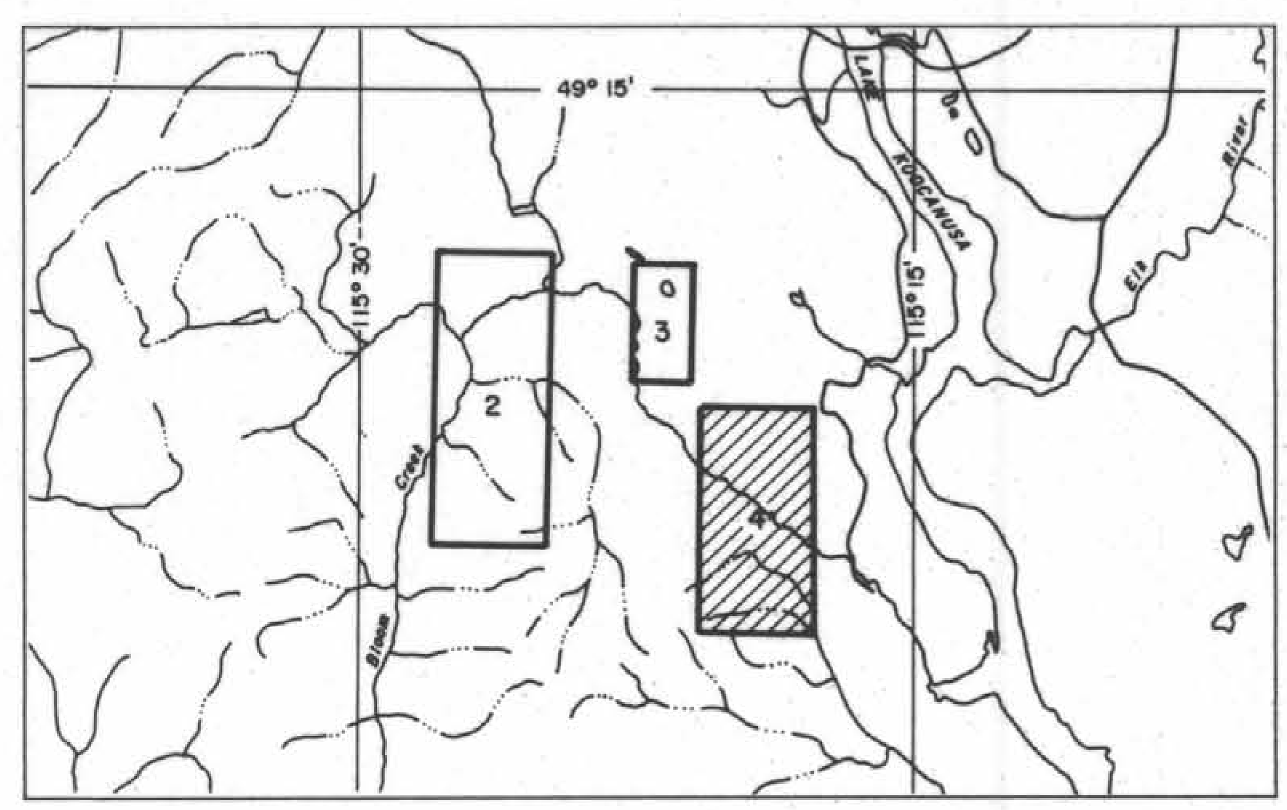
VLF-EM Total Field Intensity in percent.

Station: NAA
Cutler, Maine
24.0 kHz

Sensor elevation 45m

Map contours are multiples of those listed below

2 %
10 %
50 %
250 %



BAPTY RESEARCH LTD.

VLF-EM TOTAL FIELD CONTOURS (LINE CHANNEL)

AREA 4

BRITISH COLUMBIA

SCALE 1:20,000

0 660 1320 2640 5280 Feet

0 200 400 1000 2000 Metres

AERODAT LIMITED

DATE: AUGUST 1990

NTS No: 82 G/3

MAP No: 5

J9065 - 1