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GEOLOGY · GEOPHYSICS
MINING ENGINEERING
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TELEPHONE (604) 681-0101 V6C 1E1

GEOLOGICAL AND GEOCHEMICAL REPORT

on the

G.G. CLAIMS

BRIDGE RIVER-BRALORNE AREA

Lillooet Mining Division - British Columbia

Long. 123° 56' W. Lat. 50° 54' N.

N.T.S. 92 J/15W

for

CHALICE MINING INC.

by

Donald G. Allen, P. Eng. (B.C.)

and

James R. Dunkley, Geologist

January 20, 1989

Vancouver, B.C.

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SUMMARY

Chalice Mining Inc. holds the G.G. property comprising 50 claim units of two separate groups in the Bridge River gold camp of southwestern British Columbia. The property is situated on the north side of Downton Lake, six kilometres west of Gold Bridge and is accessible by road.

The G.G. claims cover the northern part of the Bralorne Fault Zone which, 13 kilometres to the southwest, hosts the Bralorne and Pioneer gold mines, the largest past producers of gold in the province. The property is underlain by volcanic and sedimentary rocks of the Cadwallader Group and cherts and gneisses of the Fergusson Group. These rocks are cut by numerous faults and irregular bodies and slices of serpentinite which presumably lie along these faults.

Although no significant amounts of gold mineralization have been found on the G.G. property, it is present in narrow quartz veins on the adjacent Veritas property immediately to the southeast. Copper mineralization however has been found in shear zones in several location on the G.G. property.

In 1988, a program of mapping, prospecting and rock and soil sampling was conducted on the G.G. property. This work defined a weak copper-zinc anomaly with scattered gold anomalies in the G.G. West claim. An exploration program to fully evaluate the entire claim group is proposed.

CONCLUSION

The G.G. claim group is underlain by volcanic and sedimentary rocks of the Upper Triassic Cadwallader Group as well as cherts and gneisses of the Paleozoic Fergusson Group. Ultrabasic rocks (serpentinite) are found along Penrose Creek and the upper ridges of Mount Penrose and in small slices elsewhere on the property. These bodies obviously are related to the fault structures. These rock assemblages are the host to numerous gold occurrences in the Bridge River gold camp including the major producers, Bralorne and Pioneer Gold Mines.

Although results of work on the G.G. claims to date have been only mildly positive, there is abundant highly prospective ground underlain by favorable geology that has not been evaluated. Scattered anomalies of arsenic (pathfinder element for gold) obtained in soils, silts, and rocks also indicate that further work is warranted.

Specifically, several areas of interest defined by work in 1988 are as follows:

(1) On the claim group, the presence of a mineralized shear zone located approximately at 15+50N and 3+00W on the G.G. West grid, as well as copper and zinc anomalies in soil geochemical sampling, suggest that more extensive work be carried out to the west of the G.G. West baseline.

(2) Soil sampling along lines extending up to 1200 to 1500 metres west of the baseline would delineate possible trenching and/or drill targets. Due to the presence of a thick overburden of volcanic pumice, augers in excess of two metres in length would be advisable. The terrain on the west side of Mount Penrose is extremely steep so caution would have to be taken.

(3) Another area warranting further work is the ridge of Mount Penrose above the G.G. West grid. Anomalies in rock and soil samples and rusty surface weathering indicate that the zone may have mineralization of economic importance.

RECOMMENDATION

Considering the favorable geological setting of the G.G. property, a modest exploration program comprising reconnaissance mapping and sampling should be carried out, primarily to evaluate unexplored parts of the property. As the topography is steep, this could be best accomplished by helicopter setouts. Specifically, mapping and sampling should be concentrated along margins of the serpentinite units. Should any favorable rock types such as altered metasedimentary or ultramafic rocks (e.g., listwanites) be encountered, more detailed sampling would be conducted. Estimated cost of this next phase will be $25,000. Depending

on results, a second phase comprising follow-up work to establish drill targets may be warranted.

ESTIMATED COST OF RECOMMENDATION

Salaries		
Geologist	14 man-days @ $350	$ 4,900
Assistant sampler	14 man-days @ $200	2,800
Room and board	28 man-days @ $40/day	1,120
Helicopter	10 hours @ $600/hr	6,000
Assay and geochemical analysis	300 @ $15/sample	4,500
Vehicle rental, travel		750
Material, supplies and telephone		250
Report, consulting and supervision		2,500
	Subtotal	$22,820
	Contingencies	2,180
	TOTAL	**$25,000**

INTRODUCTION

Chalice Mining Inc. holds the G.G. property, comprising 50 claim units, in the Gold Bridge area of southwestern British Columbia. The claims cover part of the Cadwallader "break" or Bralorne Fault Zone, which 13 kilometres southeast, hosts the Bralorne and Pioneer Mines (past production of 8 million tons with a recovered grade of 0.52 ounces per ton gold).

The G.G. property is in the Bridge River gold camp which, in recent years has been the focus of intense exploration activity. Much of this work has been on prime historical properties. Additional reserves have been delineated and new discoveries have been made on these and other properties in the camp. Golden North and Imperial Metals have been conducting underground rehabilitation and diamond drilling on the Bralorne-Pioneer Mine and have announced reserves of 1,064,000 tons grading 0.27 ounces per ton gold. Chevron Canada Resources have been exploring the old Wayside Mine. Levon-Veronex have announced production plans for their Congress property.

The purpose of this report is to present results of a mapping, prospecting, and soil and rock sampling program conducted on the G.G. group during the period September 22 to October 4, 1988. Some prospecting was also undertaken on the nearby (non-contiguous) Veritas 1 and G.G. Fraction claims. Work was conducted by J. Dunkley and Michael Yam and supervised by D .G. Allen.

LOCATION, PHYSIOGRAPHY, ACCESS

The G.G. claims are situated six kilometres west of Goldbridge, B.C. (Figures 1 and 2). The main group of claims are on the north side of Downton Lake and west of Gun Lake. The claims cover the southwestern slopes of Mount Penrose which, in general, are moderately to very steep.

Elevations on the property range from 760 metres at the level of Downton Lake to 2612 metres at the top of Mount Penrose. Forest cover is

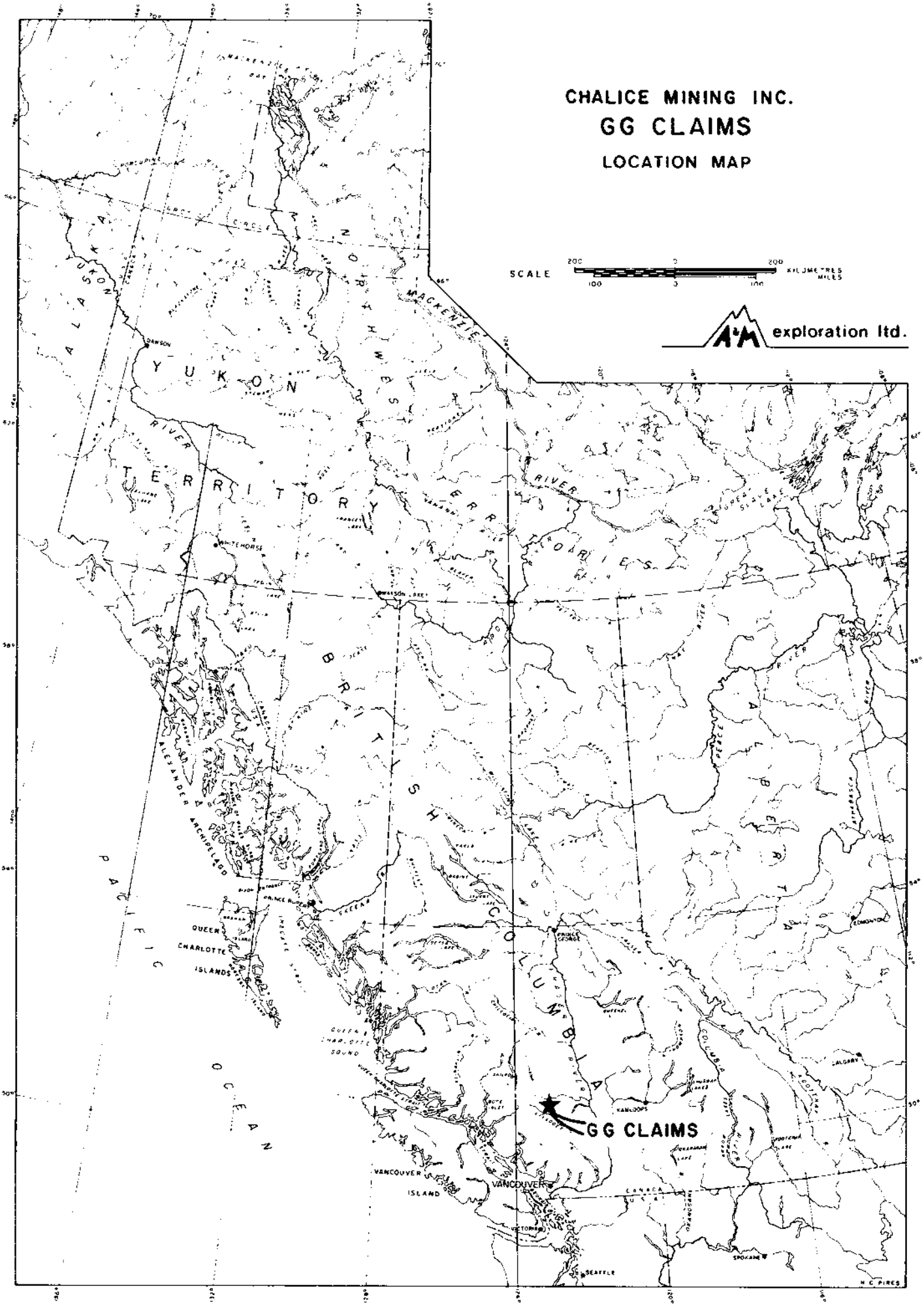
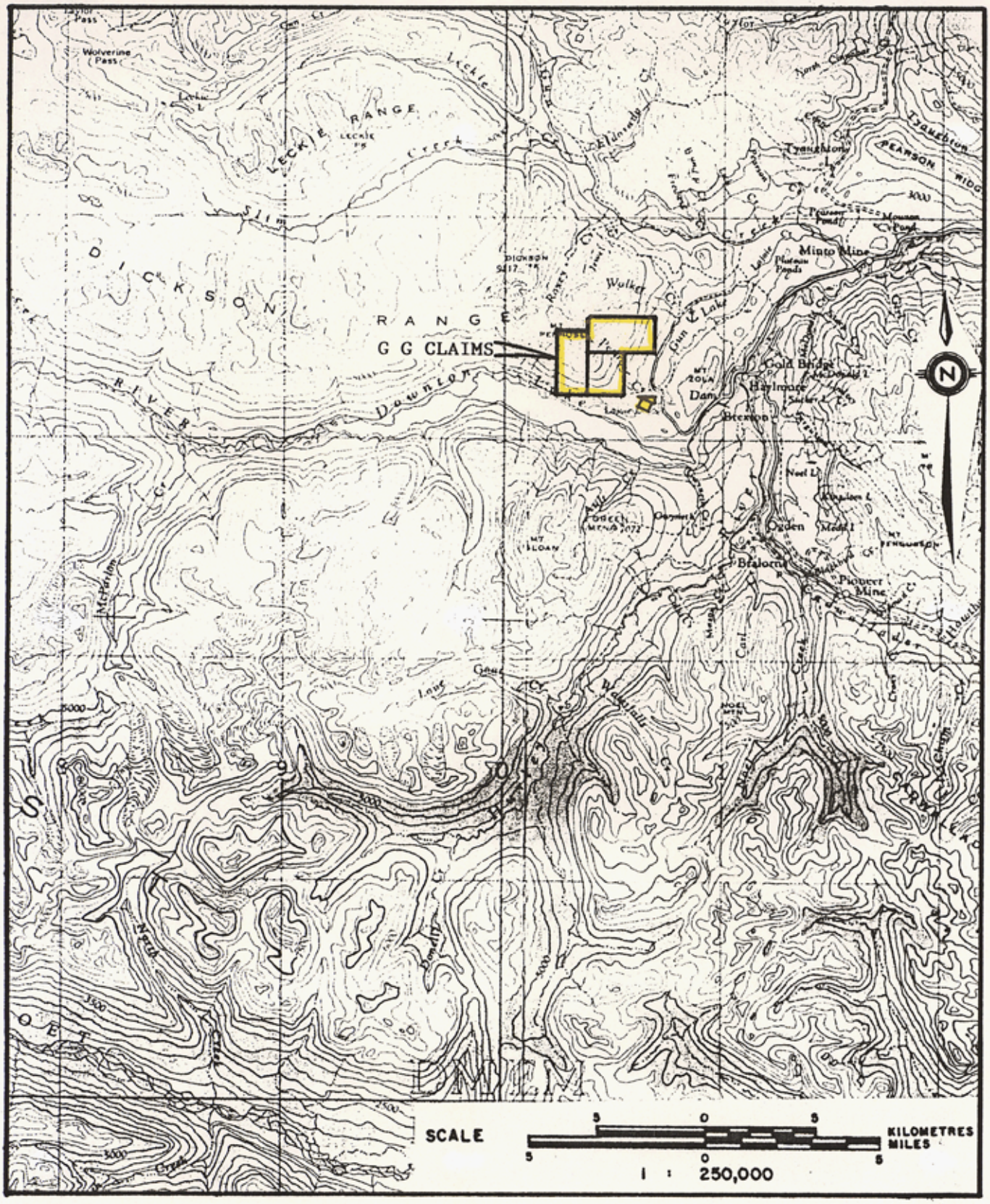

CHALICE MINING INC.
GG CLAIMS
LOCATION MAP
SCALE
200 0 200
KILOMETRES
100 0 100
MILES
A·M exploration ltd.
YUKON TERRITORY
NORTHWEST TERRITORIES
BRITISH COLUMBIA
ALBERTA
PACIFIC OCEAN
MACKENZIE RIVER
PEACE RIVER
DAWSON
WHITEHORSE
WATSON LAKE
PRINCE RUPERT
PRINCE GEORGE
EDMONTON
CALGARY
KAMLOOPS
VANCOUVER
VANCOUVER ISLAND
VICTORIA
SEATTLE
SPOKANE
QUEEN CHARLOTTE ISLANDS
ALEXANDER ARCHIPELAGO
GG CLAIMS
N.C. PIRES

FIGURE – 1



N.T.S. 92 J/15

CHALICE MINING INC.

ACCESS MAP

G G CLAIMS

Lillooet Mining Division - British Columbia

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Figure 2

primarily coniferous with light undergrowth, except in the Penrose Creek area where slide alder and other forms of underbrush became quite thick.

Access to the lower parts of the claim area is by a good dirt and gravel road.

CLAIM DATA

The G.G. property comprises 50 claim units in two separate groups (Figure 3) as follows:

Claim Name	No. of Units	Record No.	Expiry Date*
G.G. West	12	2245	October 25, 1991
G.G. West 1	18	2184	October 25, 1990
G.G. North	18	2185	October 25, 1990
G.G. Fraction	1	2186	October 29, 1990
Veritas 1 (Reverted Crown Grant Lot No. 2358)	1	2258	January 24, 1991

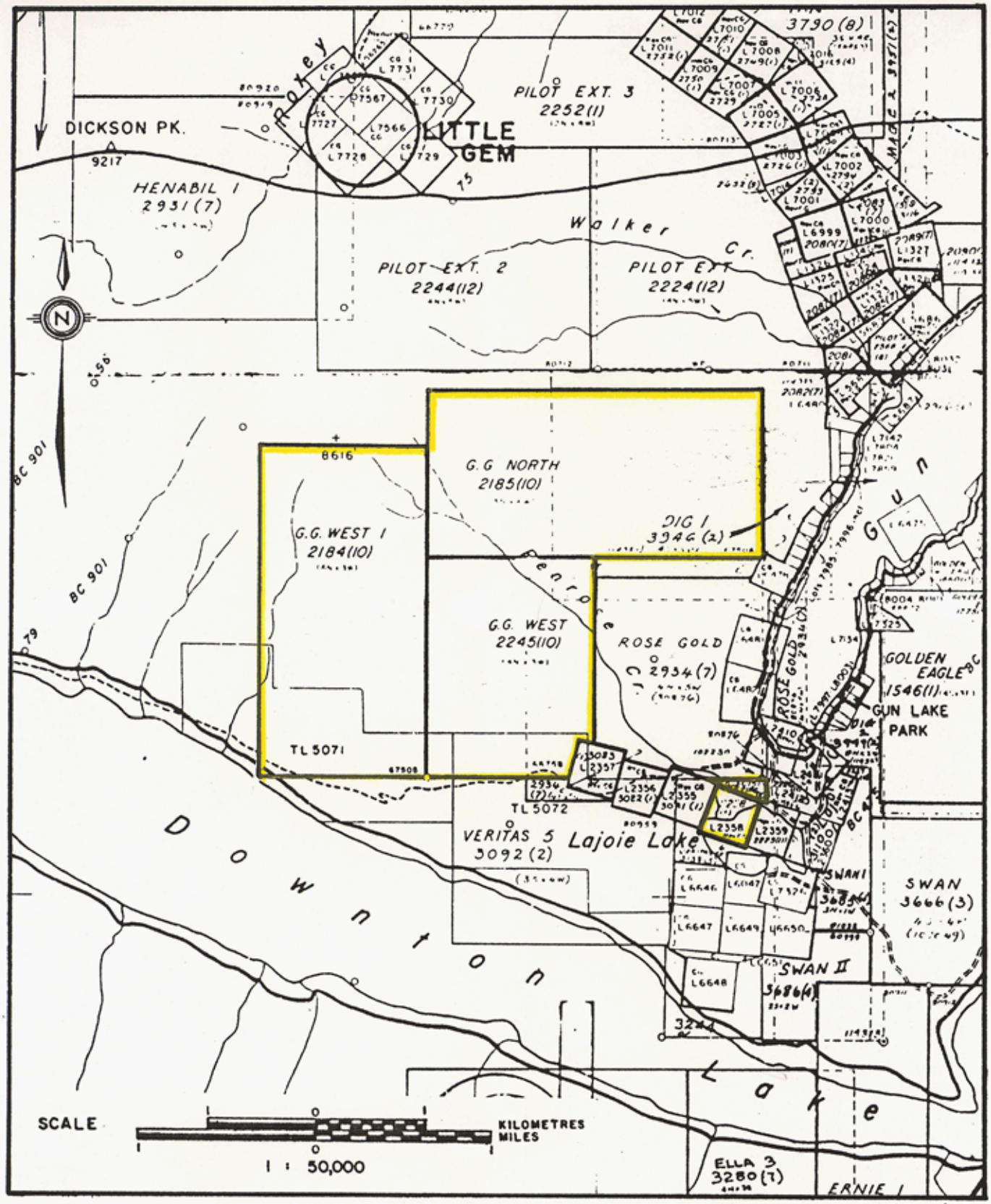
* Assuming that work represented by this report is accepted for assessment purposes.

HISTORY

Exploration and mining in the Bridge River-Bralorne area dates back to the discovery of placer gold in 1863. This led to many bedrock showings being located with the Bralorne and Pioneer mines becoming the major producers. The Pioneer mine closed in 1962 after 34 years of production while the Bralorne shut down in 1971 after 39 years in production.

Work on other gold showings in the area was carried out mostly in the 1930s. This includes the Veritas property adjoining the G.G. claim group where 1,000 feet of underground work in three tunnels was reported in the 1930s.

On the Chalice property, the Veritas 1 claim has an exploratory adit of unknown date which is now collapsed. Several other adits and trenches on adjoining crown grants date back to the early 1930s.



N.T.S. 92 J/15W

CHALICE MINING INC.

CLAIM MAP

G G CLAIMS

Lillooet Mining Division - British Columbia

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Figure 3

Results of previous work by Chalice Mining as summarized by Sookochoff (1987) are as follows:

"1979 Magnetometer Survey

A localized survey on a three line grid 20 metres apart extending for 280 meters within an area of a magnetic high as disclosed by a B.C. government aeromagnetic survey (Map 8552G) revealed a north-south trending anomaly.

1979 Geochemical Survey

The survey covered the area over slightly larger than the geophysical survey grid. The prime zones delineated were two northwesterly trending correlative arsenic-copper-gold-nickel anomalies. A zone of spotty correlative anomalous geochemical values generally correlating with the magnetometer anomaly was also delineated.

1979 Diamond Drill Hole

The "123.6" foot drill hole was put down on the spotty geochemical-magnetometer anomaly. A diorite-serpentine contact was intersected. The diorite contained light epidote and carbonate alteration. Samples of the core were not taken.

1982 Trenching

There is no record of the trench location.

1983 Geological Mapping

The geological mapping was concentrated in the southeast near the Veritas workings. Results are included in the Property Geology section of this report.

1983 Localized VLF-EM Surveys

The survey was performed within the same area as the 1979 geophysical surveys in addition to two lines across the Veritas 1 structure on the adjacent property. The results reportedly "did validate previous results by Climex Mining of B.C. Ltd." (Hodgson 1983).

1984 Airborne VLF-EM and Magnetometer Survey

The survey was carried out by Columbia Airborne Geophysical Services Ltd. and reported on by D. Mark, Geophysicist, in a report dated September 24, 1984. Mark concludes that the survey was effective in determining

geological contacts, areas of serpentine, intrusives and sediments; lineations were revealed that could be indications of fault, shear or contact zones and thus controlling features to surface and native gold mineralization; strong VLF-EM single line conductors also occur that are possibly caused by gold and/or sulphide mineralization.

1986 Biogeochemical Survey

The biogeochemical survey consisted of 120 samples taken from a grid system perpendicular to a base line paralleling the Veritas vein (295°). Several areas high in Zn and Au, 7 to 20 times background provided prospecting targets."

In late 1987, ground VLF-electromagnetic and magnetometer surveys were conducted on the G.G. West claim (Hodgson, 1988).

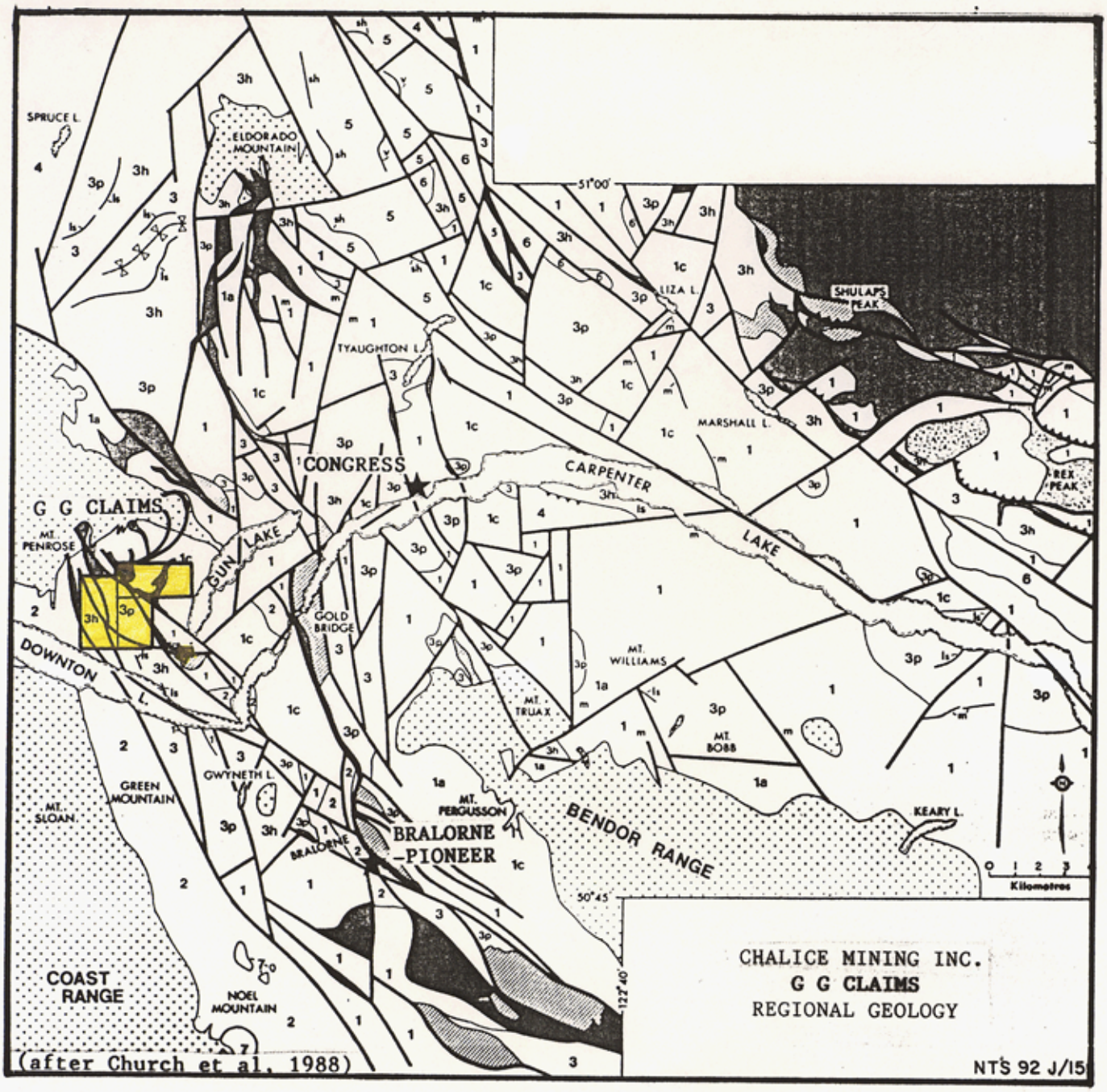
The same cut grid used for the 1987 geophysical survey was used for the 1988 geochemical survey and was used as a reference for geological mapping.

GEOLOGY

Regional Geology

The oldest rock assemblage in the Bridge River area is the Fergusson Group of Paleozoic age. Made up predominantly of recrystallized and silicified ribbon cherts with intercalated phyllites, schists and marble bands, the Fergusson Group trends northwesterly as a 45 kilometre belt bounded by Cadwallader Group sediments. These rocks are intruded by granitic rocks of the Coast Plutonic Complex, diorite of the localized Bralorne Intrusions, and ultamafic rocks of the President Intrusions. The latter two are associated with a series of northwest trending regional faults, including the Cadwallader Fault (see Figure 4).

These faults also bound lenticular bodies of Triassic age Cadwallader Group sediments and volcanics. Members of this group include Pioneer Formation basaltic pillow lavas, tuffs, amygdaloidal lavas and aquagene breccia; Noel Formation black argillites and siltstones and Hurley



LEGEND

BEDDED ROCKS

TERTIARY

7 — Basaltic lavas and breccias.

6 — Lavas, pyroclastics, minor sediments.

LOWER CRETACEOUS

5 — TAYLOR CREEK GROUP
Conglomerate and sandstone, lesser shales (sh), and volcanics (v).

UPPER JURASSIC

4 — RELAY MOUNTAIN GROUP:
Shales, siltstones, conglomerates.

UPPER TRIASSIC

3 — CADWALLADER GROUP:
Pioneer Formation (3p), basalts; Hurley Formation (3h), argillites with sandstones, conglomerates and limestone marker beds.

PALEOZOIC

2 — Argillites, turbidites.

1 — FERGUSSON GROUP: ribbon cherts (1c), phyllites to biotite gneisses; some marble (m) marker bands, chloritic schists and amphibolites (1a).

INTRUSIVE ROCKS

TERTIARY

REX PEAK PORPHYRY

UPPER CRETACEOUS

COAST PLUTONIC COMPLEX: diorite, granodiorite, and granite including the outlying Bendor and Eldorado stocks.

LOWER JURASSIC

SHULAPS AND PRESIDENT INTRUSIONS: harzburgites, peridotites, dunites, serpentinites and listwanites.

PALEOZOIC

BRALORNE INTRUSIONS: diorites and gabbros

FIGURE 4

Formation brown and green argillites, sandstones, conglomerates, limestones and volcaniclastics.

Local Geology

The claim group is underlain mainly by Pioneer Formation volcanics which are bounded to the south by ribbon cherts and gneisses of the Fergusson Group. Black argillites of the Noel Formation outcrop in road cuts in the southwest corner of the property. A small northwest trending lens of Hurley Formation conglomerate is seen near the G.G. West and G.G. West 1 claim boundary in the southern part of the claim group.

Along the ridges of Mount Penrose, more Hurley rocks are seen in contact with Pioneer rocks.

A large lens of serpentinite dominates Mount Penrose with Pioneer rocks to the southeast and Fergusson to the northwest. Down in Penrose Creek a much smaller lens of serpentinite is found in contact with Fergusson Group volcanics and amphibolites.

On the G.G. Fraction and the Veritas 1 claims and crossing Lajoie Lake is a band of diorite of the Bralorne Intrusions 300 to 350 metres wide which is cut off by faults on either side of the lake. Three adits dating to the 1930s are reported to explore a quartz vein at the northwest end of the lake. The vein reportedly strikes southeasterly and dips steeply to the northeast and occurs along or in the hanging wall of a shear zone following a diorite-serpentine contact. Occurrences of small amounts of pyrite, arsenopyrite, galena and native gold are reported. The adits are collapsed now.

GEOCHEMICAL RESULTS

Soil Geochemical Survey

A soil geochemical survey was conducted mainly on the G.G. West claim. Purpose of this work was to verify and better define the zinc and gold geochemical anomalies indicated in the 1986 biogeochemical survey (Hodgson, 1986).

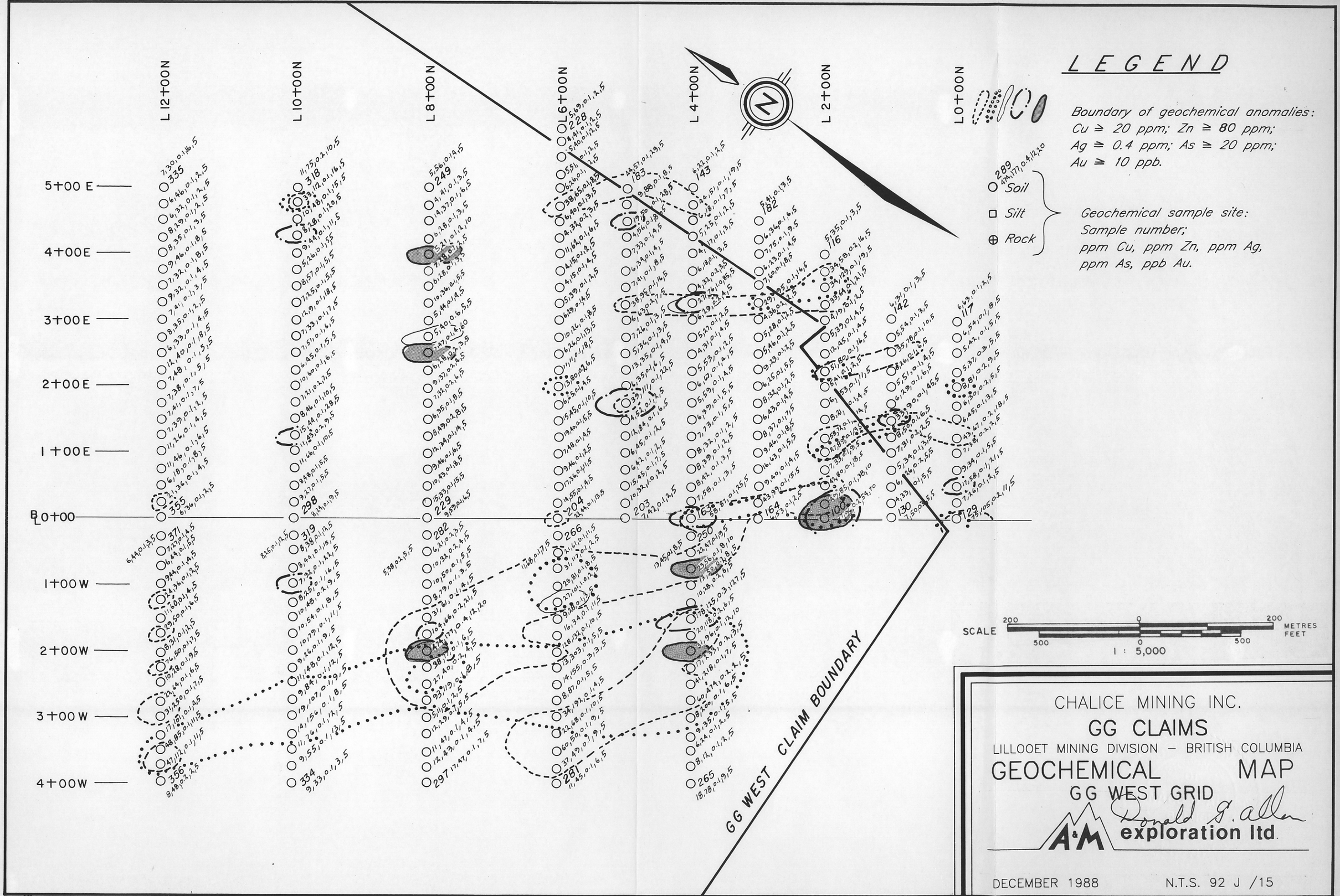
A total of 282 soil samples were collected mainly on seven kilometres

of flagged grid on the G.G. West claim. Samples were taken at 25 metre intervals along lines spaced 100 to 200 metres apart. In addition a few soil and stream sediment samples were collected beyond the grid area.

An attempt was made to collect the soil samples from the "B" horizon which consisted mainly of weathered glacial till or talus fines. Sampling proved to be difficult due to a cover of volcanic ash up to two metres thick. Many of the samples therefore were "diluted" with this ash, however much of this material, being of sand or pebble size could be screened out at the laboratory. Samples were shipped to Rossbacher Laboratory Ltd. in Burnaby, B.C. where they were screened to -200 mesh and analyzed for gold by standard atomic absorption methods and for an additional 30 elements by inductively coupled spectrometry (I.C.P.). Sample sites are plotted on Figures 5 and 6. Multielement data are presented in Appendix I. Copper, lead, zinc, silver and arsenic values are plotted on Figure 5 and selected values deemed to be anomalous are plotted for those samples beyond the grid area on Figure 6. Statistical plots of copper, zinc and arsenic are presented in Appendix II.

Silt sampling of several of the main streams draining the property revealed weakly anomalous arsenic values (up to 78 parts per million). Although gold values are less than 5 parts per billion, arsenic (a pathfinder element for gold) anomalies do suggest the possible presence of a gold target beyond the grid area.

A number of weak but definable soil geochemical anomalies were obtained in the grid area, in part confirming the results of the 1986 biogeochemcial survey. Zinc anomalies (greater than 80 ppm, peaks 90-474 ppm) and copper anomalies (greater than 20 ppm, peaks 60 to 474 ppm) appear to form a north-northwest trending belt in the western part of the grid, possibly paralleling structure and stratigraphy. Scattered weak anomalous values of silver (0.5 to 1.0 ppm), arsenic (20 to 127 ppm) and gold (10 to 70 ppb) occur throughout the grid area. The copper anomaly is 40-50 metres wide and extends for about 450 metres up the slope between line 4+00N and 8+00N. The zinc anomaly is actually a series of three northwest-trending bands ranging from 70 to 200 metres in width. The



CHALICE MINING INC.

GG CLAIMS

LILLOOET MINING DIVISION – BRITISH COLUMBIA

GEOCHEMICAL MAP

GG WEST GRID

A&M exploration ltd.

Donald G. Allen

DECEMBER 1988 N.T.S. 92 J /15

FIGURE 5

anomalous zones lie 500-600 metres down slope from an outcropping of a chalcopyrite-rich serpentinized shear zone. This distance suggests that another copper and/or zinc-rich shear zone may be responsible and as yet not found.

Rock Sampling

A total of 74 rock chip samples was taken from road cuts, the Penrose Creek area, Mount Penrose ridge and the grid area. Samples were taken to Rossbacher Laboratory Ltd. for preparation and then analyzed for gold by atomic absorption and for 30 elements (I.C.P. method). While anomalous values in copper, zinc and arsenic were obtained, none of these samples returned gold values above background levels. Sample locations and selected anomalous results are plotted on Figure 6.

In an area marked by a number of shear zones and dykes about 1000 metres southeast of Mount Penrose, a number of samples taken in rusty weathered argillaceous rock showed anomalous values in copper, zinc and arsenic. Weakly anomalous silver values were also obtained from these samples. Three soil samples at the southern end of the ridge also returned anomalous copper-zinc-arsenic values. This area is marked by gossanous surface weathering and is in close contact to ultrabasic shear zones. Further work on this zone is warranted.

Iron stained volcanic and sedimentary rocks are common in road cuts on the southern part of the G.G. West 1 claim. Analyses of a number of samples from this area revealed a few anomalous arsenic values (26 to 297 parts per million) and antimony values (up to 6 parts per million).

Sampling of outcrops containing copper mineralization in shear zones, immediatley to the north of the G.G. grid, revealed some interesting copper values (up to 3266 parts per million or 0.33 percent). However no gold values were encountered.

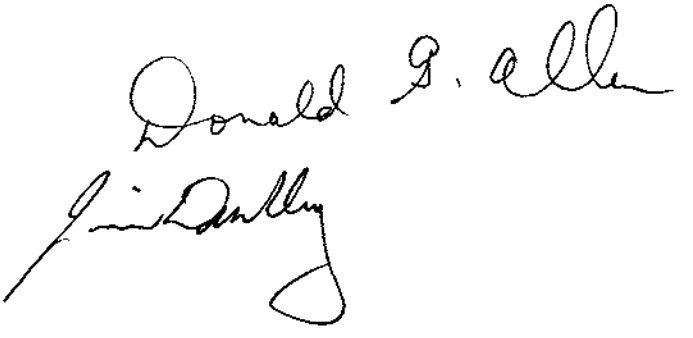
DISCUSSION OF RESULTS

Results of the 1988 program are mixed but encouraging. Anomalous

values of copper and zinc were found in two distinct areas, i.e., the west side of the G.G. West grid and the north-south trending ridge of Mount Penrose. The latter area was also anomalous in silver and arsenic.

Although mapping to date has revealed no alteration of the serpentinites (such as the carbonate-sericite-talc-fuchsite alteration, which is endemic to many gold deposits elsewhere in the Bridge River and in other camps on a world wide scale) or of the metasedimentary rocks, the geology of the claim group is obviously favorable. The property is on the trend of the Bralorne Fault Zone which hosts the Pioneer and Bralorne deposits 13 kilometres away.

Together the facts indicate a favourable host area for mineralization. While few anomalous gold results have been obtained to date, there are parts of the claim area which have not yet been explored.



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CERTIFICATE

I, James R. Dunkley, certify that:

1. I am a Consulting Geologist associated with A & M Exploration Ltd., with offices at #704-850 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia with a degree in Geology (B.Sc., 1984).

3. I have been practising my profession since 1980 in British Columbia and Manitoba.

4. This report is based in part on fieldwork conducted personally on September 22 to October 4, 1988, and on information listed in the references.

5. I hold no interest, nor do I expect to receive any, in the G.G. claims nor in Chalice Mining Inc.

6. I consent to the use of my name and this report in a Statement of Material Facts or in a Prospectus in connection with the raising of funds for the project covered by this report.

January 20, 1989
Vancouver, B.C.

James R. Dunkley,
Geologist

CERTIFICATE

I, Donald G. Allen, certify that:

1. I am a Consulting Geological Engineer, at A & M Exploration Ltd., with offices at #704-850 West Hastings Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia with degrees in Geological Engineering (B.A.Sc., 1964; M.A.Sc., 1966).

3. I have been practising my profession since 1964 in British Columbia, the Yukon, Alaska and various parts of the Western United States.

4. I am a member in good standing of the Association of Professional Engineers of British Columbia.

5. This report is based on field work carried out personally and by J. Dunkley and on information listed in the References, during the period September 22 to October 4, 1988.

6. I hold no interest, nor do I expect to receive any, in the G.G. claims nor in Chalice Mining Inc.

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Donald G. Allen

January 20, 1989
Vancouver, B.C.

Donald G. Allen,
P. Eng. (B.C.)

APPENDIX I

Analytical Results

ROSSBACHER LABORATORY LTD.
2225 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 1

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CERTIFIED BY : J. Rossbach

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CERTIFIED BY : J. Rossbach

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FILE NAME : A&M88277.G
PAGE # : 3

PRE FIX	SAMPLE NAME	PPB Au
S	178	5
S	179	5
S	180	5
S	181	5
S	182	5
S	183	5
S	184	5
S	185	5
S	186	5
S	187	5
S	188	5
S	189	5
S	190	5
	191	5
	192	5
S	193	5
S	194	5
S	195	5
S	196	5
S	197	5
S	198	5
S	199	5
S	200	5
S	201	5
S	202	5
S	203	5
S	204	5
S	205	5
S	206	5
S	207	5
S	208	5
S	209	5
S	210	5
S	211	5
S	212	5
S	213	5
S	214	5
S	215	5
S	216	5

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ROSSBACHER LABORATORY LTD.
2225 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 4

PRE FIX	SAMPLE NAME	PPB Au
S	217	5
S	218	5
S	219	5
S	220	5
S	221	5
S	222	5
S	223	5
S	224	5
S	225	5
S	226	5
S	227	5
S	228	5
S	229	5
	230	5
S	231	5
S	232	5
S	233	5
S	234	5
S	235	5
S	236	5
S	237	5
S	238	5
S	239	60
S	240	5
S	241	5
S	242	5
S	243	5
S	244	5
S	245	10
S	246	5
S	247	5
S	248	5
S	249	5
S	250	5
S	251	5
S	252	10
S	253	5
S	254	5
S	255	5

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VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 5

PRE FIX	SAMPLE NAME	PPB Au
S	256	5
S	257	10
S	258	5
S	259	5
S	260	5
S	261	5
S	262	5
S	263	5
S	264	5
S	265	5
S	266	5
S	267	5
S	268	5
	269	5
S	270	5
S	271	5
S	272	5
S	273	5
S	274	5
S	275	5
S	276	5
S	277	5
S	278	5
S	279	5
S	280	5
S	281	5
S	282	5
S	283	5
S	284	5
S	285	5
S	286	5
S	287	5
S	288	5
S	289	20
S	290	5
S	291	5
S	292	5
S	293	5
S	294	5

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VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 6

PRE FIX	SAMPLE NAME	PPB Au
S	295	5
S	296	5
S	297	5
S	298	5
S	299	5
S	300	5
S	301	5
S	302	5
S	303	5
S	304	5
S	305	5
S	306	5
S	307	5
	308	5
S	309	5
S	310	5
S	311	5
S	312	5
S	313	5
S	314	5
S	315	5
S	316	5
S	317	5
S	318	5
S	319	5
S	320	5
S	321	5
S	322	5
S	323	5
S	324	5
S	325	5
S	326	5
S	327	5
S	328	5
S	329	5
S	330	5
S	331	5
S	332	5
S	333	5

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CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 7

PRE FIX	SAMPLE NME	PPB Au
S	334	5
S	335	5
S	336	5
S	337	5
S	338	5
S	339	5
S	340	5
S	341	5
S	342	5
S	343	5
S	344	5
S	345	5
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S	352	5
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S	355	5
S	356	5
S	357	5
S	358	5
S	359	5
S	360	5
S	361	5
S	362	5
S	363	5
S	364	5
S	365	5
S	366	5
S	367	5
S	368	5
S	369	5
S	370	5
S	371	5
	400	5

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CERTIFICATE OF ANALYSIS

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#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
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TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 8

PRE FIX	SAMPLE NME	PPB Au
S	401	5
S	402	5
S	403	5
S	404	5
S	405	5
S	406	5

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PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 9

PRE FIX	SAMPLE NAME	PPB Au
A	R-01	5
A	R-02	5
A	R-03	5
A	R-04	5
A	R-05	5
A	R-06	5
A	R-07	5
A	R-08	5
A	R-09	5
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A	R-11	5
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A	R-13	5
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	R-16	5
	R-17	5
A	R-18	5
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A	R-21	5
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A	R-30	5
A	R-31	5
A	R-32	5
A	R-33	5
A	R-34	5
A	R-35	5
A	R-36	5
A	R-37	5
A	R-38	5
A	R-39	5

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Ph: (604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : 469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88277
INVOICE # : 90007
DATE ENTERED : 88-10-11
FILE NAME : A&M88277.G
PAGE # : 10

PRE FIX	SAMPLE NAME	PPB Au
A	R-40	5
A	R-41	5
A	R-42	5
A	R-43	5
A	R-44	5
A	R-45	5
A	R-46	5
A	R-47	5
A	R-48	5
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	R-55	5
	R-56	5
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A	R-60	5
A	R-63	5
A	R-64	5
A	R-65	5
A	R-66	5
A	R-67	5
A	R-68A	5
A	R-68B	5
A	R-69	5
A	R-70	5
A	R-71	5
A	R-72	5
A	R-73	5

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2225 E. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph: (604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.I
PAGE # : 1

PKG #	SAMPLE NAME	PPB Ag	PPM Cu	PPM Pb	PPM Zn	PPM As	PPM Mo	PPM Co	PPM Mn	% Fe	PPM Ni	PPM U	PPM Au	PPM Th	PPM Sr	PPM Cd	PPM Sb	PPM Bi	PPM V	% Ca	% P	PPM La	PPM Cr	% Mg	PPM Ba	% Ti	PPM B	% Al	% Na	% K	PPM W	PPM Hg
1	100	1	17	34	96	0.2	8	4	165	1.59	56	5	10	10	22	1	2	2	52	0.50	0.23	11	8	0.26	81	0.14	10	0.85	0.01	0.01	1	1
1	101	2	49	9	85	0.1	31	3	1099	5.92	38	5	10	10	20	1	3	2	93	0.22	0.26	7	24	0.82	129	0.15	5	2.79	0.01	0.01	1	2
1	102	1	43	2	88	0.1	32	3	909	5.47	18	5	10	10	19	1	3	2	90	0.24	0.25	9	29	0.80	177	0.14	5	2.66	0.01	0.01	1	2
1	103	1	7	2	33	0.1	6	2	297	1.17	8	5	10	10	13	1	3	2	32	0.19	0.47	2	7	0.18	64	0.09	5	0.84	0.01	0.01	1	1
1	104	1	27	9	89	0.1	18	4	267	3.20	14	5	10	10	16	1	3	2	68	0.19	0.45	5	20	0.57	117	0.11	5	2.15	0.01	0.01	1	2
1	105	1	50	4	72	0.1	47	5	996	5.30	14	5	10	10	20	1	3	2	81	0.22	0.14	5	30	0.90	190	0.14	5	2.46	0.01	0.01	1	2
1	106	1	8	2	21	0.1	6	2	178	1.22	6	5	10	10	12	1	3	2	34	0.13	0.27	3	9	0.19	49	0.08	5	0.72	0.01	0.01	1	1
1	107	1	6	15	53	0.1	6	4	200	1.16	11	5	10	10	16	1	3	2	52	0.24	0.78	5	8	0.18	87	0.09	5	0.79	0.01	0.01	1	1
1	108	1	5	1	41	0.1	6	2	158	1.21	2	5	10	10	13	1	3	2	36	0.19	0.26	1	6	0.18	61	0.09	5	0.92	0.01	0.01	1	1
1	109	1	51	8	80	0.1	28	1	557	5.42	16	5	10	10	16	1	3	2	90	0.19	0.42	2	34	0.64	82	0.12	5	2.29	0.01	0.01	1	2
1	110	1	12	4	65	0.1	16	2	345	1.46	4	5	10	10	15	1	3	2	66	0.19	0.31	5	25	0.33	84	0.12	5	1.12	0.01	0.01	1	1
1	111	1	5	2	39	0.1	6	3	142	1.14	6	5	10	10	14	1	3	2	32	0.15	0.34	2	7	0.12	58	0.09	5	0.85	0.01	0.01	1	1
1	112	1	4	2	19	0.1	6	2	84	1.23	2	5	10	10	15	1	3	2	36	0.17	0.12	3	4	0.16	29	0.09	5	0.86	0.01	0.01	1	1
1	113	1	33	6	64	0.1	23	2	186	2.58	21	5	10	10	15	1	3	3	61	0.20	0.27	8	20	0.60	64	0.13	5	2.21	0.01	0.01	1	2
1	114	1	34	16	120	0.1	28	9	4152	2.96	19	5	10	10	16	1	3	2	60	0.39	1.15	11	59	0.92	76	0.10	5	2.29	0.01	0.01	1	2
1	115	1	34	1	58	0.2	37	6	795	2.46	16	5	10	10	20	1	3	2	58	0.50	0.28	5	30	0.65	81	0.09	5	1.47	0.01	0.01	1	1
1	116	1	5	2	35	0.1	4	1	104	1.34	5	5	10	10	14	1	3	2	30	0.18	0.45	1	5	0.18	46	0.09	5	1.00	0.01	0.01	1	1
1	117	2	6	5	63	0.1	5	4	345	0.98	2	5	10	10	12	1	3	3	26	0.15	0.33	1	6	0.18	100	0.08	5	0.56	0.01	0.01	1	1
1	118	2	6	13	56	0.1	7	5	215	3.22	8	5	10	10	19	1	4	6	33	0.24	0.08	5	7	0.21	103	0.10	5	0.86	0.01	0.01	3	1
1	119	1	5	13	62	0.1	6	3	119	1.19	5	5	10	10	16	1	3	5	52	0.18	0.49	4	6	0.17	59	0.08	5	0.96	0.01	0.01	1	1
1	120	1	5	14	37	0.3	4	4	97	1.67	5	5	10	10	20	1	4	5	30	0.19	0.08	6	7	0.17	75	0.08	5	0.72	0.01	0.01	3	1
1	121	1	8	2	85	0.2	4	3	935	0.95	9	5	10	10	11	1	3	2	22	0.59	0.23	5	3	0.19	144	0.07	5	0.64	0.01	0.01	3	1
1	122	1	6	2	38	0.2	4	2	237	1.29	5	5	10	10	19	1	2	3	35	0.16	0.51	5	5	0.20	48	0.09	5	0.83	0.01	0.01	2	1
1	123	1	6	2	45	0.1	7	2	272	1.35	3	5	10	10	15	1	3	2	34	0.15	1.13	2	6	0.19	88	0.09	5	0.99	0.01	0.01	1	1
1	124	1	53	12	67	0.2	134	11	464	5.27	18	5	10	10	20	1	5	9	77	0.36	0.22	8	91	1.49	154	0.12	5	2.25	0.01	0.01	1	2
1	125	8	7	4	38	0.2	6	2	96	3.21	2	5	10	10	12	1	3	2	35	0.12	0.30	2	6	0.19	48	0.10	5	0.96	0.01	0.01	2	1
1	126	3	9	1	34	0.1	6	3	98	1.23	5	5	10	10	12	1	3	2	37	0.13	0.15	2	5	0.19	22	0.10	5	0.84	0.01	0.01	3	1
1	127	1	17	10	58	0.1	10	7	708	2.53	21	5	10	10	25	1	3	7	69	0.45	0.66	7	10	0.53	157	0.11	5	1.56	0.01	0.01	2	2
1	128	1	7	1	26	0.1	5	5	500	1.00	2	5	10	10	17	1	2	2	50	0.18	0.29	1	6	0.16	87	0.08	5	0.59	0.01	0.01	1	1
1	129	5	75	2	105	0.2	30	6	187	2.88	11	5	10	10	19	1	3	2	62	0.20	0.24	7	22	0.66	148	0.09	5	2.26	0.01	0.01	1	2
1	130	1	7	2	50	0.2	5	3	185	1.12	5	5	10	10	15	1	3	2	31	0.21	0.28	3	6	0.18	55	0.08	5	0.87	0.01	0.01	1	1
1	131	1	6	1	33	0.1	4	3	146	1.19	5	5	10	10	14	1	2	2	33	0.15	0.45	2	5	0.15	53	0.09	5	0.69	0.01	0.01	1	1
1	132	1	6	1	26	0.2	6	2	100	1.26	5	5	10	10	17	1	2	2	37	0.25	0.28	4	5	0.17	50	0.10	5	0.89	0.01	0.01	1	1
1	133	1	9	4	36	0.1	5	3	165	1.12	3	5	10	10	15	1	2	2	31	0.15	0.56	1	6	0.17	53	0.08	5	0.79	0.01	0.01	1	1
1	134	1	7	1	31	0.2	6	3	150	1.16	2	5	10	10	13	1	2	2	32	0.13	0.37	2	6	0.18	50	0.09	5	0.91	0.01	0.01	1	1
1	135	1	8	10	50	0.1	9	4	240	1.32	6	5	10	10	17	1	2	2	40	0.21	0.25	4	7	0.23	96	0.11	5	0.82	0.01	0.01	1	1
1	136	1	33	5	90	0.1	46	3	620	0.78	45	5	10	10	16	1	2	2	90	0.24	0.22	6	42	0.87	165	0.13	5	3.06	0.01	0.01	1	2
1	137	1	6	2	29	0.1	20	3	114	1.30	6	5	10	10	18	1	3	2	37	0.21	0.44	2	6	0.19	39	0.09	5	0.76	0.01	0.01	1	1
1	138	1	5	5	51	0.1	5	5	149	1.29	4	5	10	10	14	1	2	2	28	0.16	0.29	1	6	0.19	58	0.10	5	0.86	0.01	0.01	1	1

CERTIFIED BY : J. Rossbacher

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CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.I
PAGE # : 2

PKG #	SAMPLE NAME	PPB Ag	PPM Cu	PPM Pb	PPM Zn	PPM As	PPM Mo	PPM Co	PPM Mn	% Fe	PPM Ni	PPM U	PPM Au	PPM Th	PPM Sr	PPM Cd	PPM Sb	PPM Bi	PPM V	% Ca	% P	PPM La	PPM Cr	% Mg	PPM Ba	% Ti	PPM B	% Al	% Na	% K	PPM W	PPM Hg
1	139	1	8	15	76	0.1	6	4	99	1.17	6	5	10	10	14	1	2	2	34	0.18	0.32	5	7	0.16	76	0.09	5	0.95	0.01	0.02	1	1
1	140	1	35	3	78	0.1	72	7	324	3.00	16	5	10	10	15	1	2	2	74	0.25	0.20	4	49	0.99	104	0.13	5	2.36	0.01	0.01	1	2
1	141	1	5	7	54	0.1	5	4	122	1.13	3	5	10	10	18	1	2	2	29	0.16	0.49	2	6	0.16	56	0.09	5	0.75	0.01	0.01	1	1
1	142	1	4	5	31	0.1	7	3	99	1.23	5	5	10	10	17	1	2	2	35	0.20	0.18	3	7	0.19	70	0.09	5	0.82	0.01	0.01	1	1
1	143	1	6	5	22	0.1	8	3	122	1.18	7	5	10	10	16	1	2	2	37	0.15	0.44	3	6	0.19	47	0.09	5	0.83	0.01	0.01	1	1
1	144	1	44	2	51	0.1	59	8	384	2.49	19	5	10	10	23	1	2	2	70	0.46	0.28	3	34	0.80	98	0.11	5	1.74	0.01	0.01	1	2
1	145	1	6	4	18	0.1	14	3	166	1.55	7	5	10	10	14	1	2	2	19	0.13	0.05	1	10	0.19	48	0.11	5	0.98	0.01	0.01	1	1
1	146	1	5	3	25	0.1	5	3	104	1.26	2	5	10	10	15	1	2	2	35	0.19	0.15	2	6	0.18	51	0.09	5	0.75	0.01	0.01	1	1
1	147	1	8	7	17	0.1	5	3	75	1.13	5	5	10	10	14	1	2	2	30	0.19	0.41	4	6	0.16	27	0.09	5	0.83	0.01	0.01	1	1
1	148	1	6	4	18	0.1	5	4	105	1.32	5	5	10	10	17	1	2	2	35	0.19	0.50	4	6	0.19	27	0.09	5	0.97	0.01	0.01	1	1
1	149	1	4	5	32	0.2	5	4	94	1.17	3	5	10	10	15	1	2	2	33	0.17	0.37	5	6	0.15	47	0.09	5	0.69	0.01	0.01	2	1
1	150	1	271	8	76	1.0	80	5	1266	3.75	85	7	10	10	50	1	2	2	60	1.19	0.21	29	29	0.46	147	0.12	5	2.94	0.01	0.01	1	2
1	151	1	6	4	29	0.2	4	3	224	1.29	4	5	10	10	16	1	2	2	35	0.20	0.26	3	6	0.18	35	0.09	5	0.88	0.01	0.01	1	1
1	152	1	8	7	27	0.1	5	4	133	1.32	2	5	10	10	16	1	2	2	36	0.19	0.61	4	8	0.19	42	0.09	5	0.85	0.01	0.01	1	1
1	153	1	4	8	31	0.1	5	5	116	1.19	4	5	10	10	25	1	2	2	30	0.32	1.06	5	7	0.16	119	0.09	5	0.87	0.01	0.01	1	1
1	154	1	5	3	53	0.1	4	4	179	1.10	2	5	10	10	15	1	2	2	30	0.15	0.48	1	6	0.18	47	0.09	5	0.62	0.01	0.01	1	1
1	155	1	4	8	67	0.1	7	4	265	1.24	4	5	10	10	27	1	2	2	35	0.16	0.68	4	7	0.19	63	0.09	5	0.77	0.01	0.01	1	1
1	156	1	5	7	50	0.1	6	5	218	1.16	4	5	10	10	23	1	2	5	32	0.20	0.43	5	8	0.18	66	0.09	5	0.79	0.01	0.01	5	1
1	157	1	6	6	39	0.1	6	3	188	1.15	5	5	10	10	27	1	2	2	32	0.20	0.46	2	7	0.19	61	0.09	5	0.74	0.01	0.01	1	1
1	158	1	7	8	75	0.1	6	4	321	1.26	5	5	10	10	32	1	2	2	35	0.43	0.73	3	7	0.26	204	0.10	8	0.89	0.01	0.01	1	1
1	159	1	8	5	52	0.1	7	4	110	1.10	2	5	10	10	15	1	2	2	30	0.15	0.38	4	6	0.19	84	0.09	5	1.02	0.01	0.01	1	1
1	160	1	8	7	39	0.1	6	4	118	1.18	2	5	10	10	13	1	2	2	34	0.16	0.25	4	6	0.17	49	0.09	5	0.83	0.01	0.01	1	1
1	161	1	8	2	42	0.1	6	4	264	1.29	3	5	10	10	14	1	2	2	34	0.15	0.47	3	7	0.21	51	0.10	5	1.02	0.01	0.01	1	1
1	162	1	7	8	58	0.1	7	5	311	1.23	5	5	10	10	14	1	2	2	34	0.16	0.38	3	7	0.19	41	0.09	5	1.05	0.01	0.01	2	1
1	163	1	30	2	87	0.1	41	6	388	5.16	25	5	10	10	20	1	2	2	73	0.20	0.16	1	26	0.79	134	0.12	5	2.61	0.01	0.01	1	2
1	164	1	6	11	53	0.1	7	4	153	1.26	2	5	10	10	17	1	2	2	37	0.23	0.15	5	7	0.19	89	0.10	5	0.84	0.01	0.01	3	1
1	165	1	45	4	99	0.1	26	5	456	3.04	15	5	10	10	29	1	2	2	67	0.29	1.04	5	25	0.64	173	0.14	5	2.51	0.01	0.01	1	2
1	166	1	9	6	40	0.1	8	4	206	1.54	4	5	10	10	17	1	2	2	42	0.18	0.56	6	7	0.25	110	0.13	5	1.36	0.01	0.01	4	1
1	167	2	16	19	63	0.1	15	7	735	1.49	5	5	10	10	27	1	3	7	41	0.29	0.64	9	11	0.28	244	0.12	5	1.06	0.01	0.01	4	1
1	168	1	9	17	46	0.1	10	6	651	1.36	8	5	10	10	32	1	4	7	37	0.47	0.44	7	9	0.25	204	0.11	7	0.91	0.01	0.01	6	1
1	169	2	8	20	37	0.1	9	6	162	1.29	7	5	10	10	15	1	5	7	38	0.17	0.33	6	9	0.20	48	0.10	5	0.95	0.01	0.01	4	1
1	170	1	6	7	45	0.1	6	4	229	1.24	6	5	10	10	30	1	2	2	34	0.34	0.98	3	7	0.19	154	0.10	5	0.89	0.01	0.01	1	1
1	171	1	8	5	32	0.1	6	3	99	1.37	2	5	10	10	12	1	2	2	38	0.11	0.39	3	7	0.18	38	0.09	5	1.17	0.01	0.01	1	1
1	172	1	6	13	25	0.1	8	7	97	1.23	5	5	10	10	14	1	4	7	44	0.16	0.15	4	9	0.21	50	0.09	5	0.47	0.01	0.01	1	1
1	173	1	9	14	23	0.1	7	5	104	1.22	3	5	10	10	18	1	2	2	32	0.20	0.16	4	6	0.17	47	0.09	5	0.92	0.01	0.01	1	1
1	174	1	5	7	46	0.1	7	5	199	1.31	2	5	10	10	13	1	2	2	40	0.13	0.31	3	8	0.17	39	0.10	5	0.83	0.01	0.01	1	1
1	175	1	5	8	28	0.1	6	4	170	1.42	2	5	10	10	15	1	2	2	41	0.17	0.46	4	8	0.17	48	0.10	5	0.83	0.01	0.01	1	1
1	176	1	6	5	34	0.2	5	4	124	1.14	2	5	10	10	16	1	2	2	35	0.16	0.36	3	6	0.16	34	0.09	5	0.80	0.01	0.01	1	1
1	177	1	29	4	95	0.1	52	10	390	2.68	16	5	10	10	14	1	2	2	64	0.26	0.20	4	37	0.72	87	0.12	5	1.79	0.01	0.01	1	2

CERTIFIED BY : J. Rossbacher

ROSSBACHER LABORATORY LT.

CERTIFICATE OF ANALYSIS

2211 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3B1
Ph:(604)298-8319 Fax:299-8252

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.I
PAGE # : 3

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM Pb	PPM Zn	PPM Ag	PPM Ni	PPM Co	PPM Mn	% Fe	PPM As	PPM U	PPM Au	PPM Th	PPM Sr	PPM Cd	PPM Sb	PPM Bi	PPM V	% Ca	% P	PPM La	PPM Cr	% Mg	PPM Ba	% Ti	% B	% Al	% Na	% K	PPM W	PPM Hg
S	178	1	7	4	68	0.1	6	3	116	1.28	6	5	N5	N5	14	1	2	2	36	0.18	0.33	1	6	0.19	42	0.09	5	0.06	0.01	0.03	1	1
S	179	3	6	6	23	0.1	5	1	83	1.20	6	5	N5	N5	16	1	2	2	16	0.21	0.50	2	5	0.16	37	0.09	5	0.16	0.01	0.01	2	1
S	180	2	7	13	75	0.1	9	5	502	1.39	9	5	N5	N5	29	1	2	4	45	0.31	0.48	4	16	0.35	79	0.11	5	0.15	0.01	0.04	5	1
S	181	1	6	15	56	0.1	8	5	178	1.39	6	5	N5	N5	17	1	2	4	58	0.19	0.58	4	8	0.29	70	0.10	5	0.16	0.01	0.01	4	1
S	182	2	5	1	41	0.1	7	2	122	1.02	5	5	N5	N5	15	1	3	3	29	0.18	0.33	2	7	0.18	42	0.10	5	1.87	0.01	0.09	1	1
S	183	5	44	12	97	0.1	155	11	323	2.76	29	5	N5	N5	19	1	4	4	68	0.32	0.22	6	75	1.12	105	0.11	5	1.96	0.01	0.01	5	2
S	184	1	9	17	88	0.1	13	6	163	1.55	8	5	N5	N5	19	1	2	2	45	0.22	0.35	5	10	0.36	98	0.13	5	0.99	0.01	0.03	5	1
S	185	1	19	13	56	0.1	68	5	96	1.35	28	5	N5	N5	21	1	5	2	28	0.62	0.17	6	94	0.75	22	0.07	5	0.66	0.01	0.01	5	1
S	186	1	8	2	56	0.1	9	2	119	1.33	8	5	N5	N5	13	1	2	2	56	0.20	0.45	1	7	0.20	62	0.10	5	0.87	0.01	0.01	1	1
S	187	1	7	1	33	0.1	16	3	191	1.33	6	5	N5	N5	14	1	2	2	37	0.17	0.57	2	7	0.19	57	0.09	5	0.99	0.01	0.01	1	1
S	188	1	6	3	34	0.1	8	3	266	1.17	9	5	N5	N5	25	1	2	2	33	0.35	0.20	3	7	0.22	96	0.09	5	0.76	0.01	0.01	1	1
S	189	1	7	5	41	0.1	8	3	349	1.37	8	5	N5	N5	24	1	2	2	40	0.44	0.38	3	9	0.21	64	0.09	5	0.76	0.01	0.01	1	1
S	190	2	38	2	95	0.1	35	7	251	3.25	16	5	N5	N5	15	1	2	2	82	0.20	0.16	3	29	0.78	114	0.15	5	2.41	0.01	0.01	2	2
S	191	2	6	7	63	0.2	8	5	681	1.44	7	5	N5	N5	13	1	2	2	42	0.15	0.20	3	9	0.22	58	0.11	5	0.78	0.01	0.01	3	1
S	192	1	7	4	26	0.1	6	3	185	1.28	5	5	N5	N5	14	1	2	2	38	0.21	0.18	4	6	0.29	35	0.11	5	0.97	0.01	0.01	2	1
S	193	1	5	3	34	0.1	5	5	158	1.14	5	5	N5	N5	15	1	2	2	32	0.16	0.46	3	6	0.17	51	0.09	5	0.77	0.01	0.01	1	1
S	194	1	11	8	35	0.1	7	4	415	1.43	6	5	N5	N5	25	1	2	2	58	0.24	1.25	4	8	0.18	192	0.10	5	0.85	0.01	0.01	2	1
S	195	1	6	10	35	0.1	7	4	145	1.14	6	5	N5	N5	18	1	2	3	33	0.20	0.56	4	7	0.18	49	0.09	5	0.76	0.01	0.01	2	1
S	196	2	39	6	111	0.6	39	8	687	2.97	72	5	N5	N5	19	1	2	3	72	0.24	0.17	6	26	0.71	196	0.11	5	2.26	0.01	0.01	1	2
S	197	1	4	5	32	0.1	5	2	294	1.17	5	5	N5	N5	19	1	2	2	32	0.21	0.41	1	5	0.19	79	0.09	5	0.68	0.01	0.01	2	1
S	198	1	12	9	84	0.1	11	7	453	1.50	6	5	N5	N5	16	1	2	2	35	0.16	0.31	6	6	0.23	135	0.11	5	1.09	0.01	0.01	1	1
S	199	2	6	5	45	0.1	12	5	144	2.20	2	5	N5	N5	17	1	2	2	65	0.29	0.26	5	8	0.52	53	0.23	5	1.17	0.01	0.01	2	1
S	200	2	4	2	42	0.1	5	5	515	1.66	2	5	N5	N5	15	1	2	2	29	0.16	0.45	2	7	0.17	48	0.09	5	0.79	0.01	0.01	2	1
S	201	1	13	10	45	0.1	10	5	294	1.67	3	5	N5	N5	20	1	2	3	47	0.29	0.42	6	9	0.30	109	0.13	5	1.04	0.01	0.01	3	1
S	202	1	10	1	32	0.1	6	3	124	1.18	2	5	N5	N5	11	1	2	2	30	0.11	0.22	1	5	0.20	41	0.09	5	1.08	0.01	0.01	2	1
S	203	1	7	6	42	0.1	8	4	579	1.22	6	5	N5	N5	16	1	2	3	52	0.25	0.46	5	6	0.26	105	0.09	5	0.97	0.01	0.01	5	1
S	204	1	22	9	44	0.1	10	2	1362	1.15	13	4	N5	N5	13	1	2	2	26	1.45	0.44	5	7	0.29	488	0.08	5	1.03	0.01	0.01	1	1
S	205	2	14	6	35	0.1	10	4	244	1.63	4	5	N5	N5	18	1	2	2	45	0.31	0.25	7	8	0.28	99	0.13	5	1.45	0.01	0.01	2	1
S	206	2	17	6	36	0.1	9	4	269	1.63	11	5	N5	N5	17	1	3	2	45	0.30	0.22	7	8	0.30	71	0.12	5	1.44	0.01	0.01	1	1
S	207	1	9	5	46	0.1	7	4	174	1.18	2	5	N5	N5	15	1	2	2	32	0.20	0.27	4	6	0.26	52	0.09	5	0.91	0.01	0.01	1	1
S	208	1	7	3	48	0.1	7	4	199	1.52	4	5	N5	N5	14	1	2	2	45	0.17	0.28	3	7	0.23	99	0.12	5	0.97	0.01	0.01	2	1
S	209	1	19	9	66	0.1	12	4	959	1.42	5	5	N5	N5	18	1	2	2	33	0.44	0.46	6	8	0.51	320	0.11	5	1.10	0.01	0.01	1	1
S	210	1	15	38	45	0.1	12	5	721	1.61	10	5	N5	N5	15	1	2	2	45	0.66	0.69	5	10	0.37	193	0.09	5	1.07	0.01	0.01	2	1
S	211	1	6	6	65	0.1	6	4	551	1.27	9	5	N5	N5	14	1	2	2	33	0.12	0.96	3	7	0.26	169	0.09	5	0.82	0.01	0.01	1	1
S	212	1	12	16	80	0.2	8	4	558	1.24	4	5	N5	N5	16	2	3	5	33	0.14	0.68	5	9	0.16	137	0.09	5	1.67	0.01	0.01	4	1
S	213	1	11	11	11	0.1	5	1	116	0.41	18	5	N5	N5	22	2	4	4	33	4.07	0.25	3	6	0.25	16	0.03	5	0.26	0.01	0.01	4	1
S	214	2	6	15	26	0.1	7	6	89	1.43	15	5	N5	N5	11	1	4	4	41	0.12	0.05	3	8	0.17	28	0.11	7	0.92	0.01	0.01	5	1
S	215	2	10	12	26	0.1	8	7	162	1.16	8	5	N5	N5	11	1	2	4	33	0.11	0.26	4	8	0.17	52	0.10	5	0.29	0.01	0.01	3	1
S	216	1	6	5	29	0.1	6	3	181	1.17	6	5	N5	N5	17	1	2	2	36	0.23	0.76	3	5	0.19	46	0.09	5	0.93	0.01	0.01	2	1

CERTIFIED BY :

ROSSBACHER LABORATORY LT.

CERTIFICATE OF ANALYSIS

2211 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3B1
Ph:(604)298-8319 Fax:299-8252

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.I
PAGE # : 4

PRE FIX	SAMPLE NAME	PPM Mo	PPM Cu	PPM Pb	PPM Zn	PPM Ag	PPM Ni	PPM Co	PPM Mn	% Fe	PPM As	PPM U	PPM Au	PPM Th	PPM Sr	PPM Cd	PPM Sb	PPM Bi	PPM V	% Ca	% P	PPM La	PPM Cr	% Mg	PPM Ba	% Ti	% B	% Al	% Na	% K	PPM W	PPM Hg
S	217	1	5	4	39	0.1	4	3	92	1.01	2	5	N5	N5	12	1	2	3	29	0.16	0.36	1	5	0.17	48	0.08	5	0.58	0.01	0.01	1	1
S	218	1	4	8	15	0.1	5	3	83	1.08	4	5	N5	N5	12	1	3	2	39	0.18	0.04	1	5	0.15	45	0.08	5	0.68	0.01	0.01	1	1
S	219	1	4	1	15	0.1	4	3	85	1.03	2	5	N5	N5	13	1	2	2	34	0.17	0.16	1	5	0.08	25	0.07	5	0.39	0.01	0.01	1	1
S	220	1	11	5	62	0.1	12	5	289	1.89	6	5	N5	N5	21	1	2	2	54	0.24	0.48	4	11	0.28	96	0.14	7	1.67	0.01	0.01	1	1
S	221	1	4	2	32	0.1	10	4	89	1.18	3	5	N5	N5	11	1	2	2	37	0.13	0.07	2	8	0.18	26	0.10	5	0.57	0.01	0.01	1	1
S	222	1	6	1	40	0.2	9	3	273	1.16	3	5	N5	N5	21	1	2	2	31	0.35	0.27	1	8	0.31	98	0.10	8	0.64	0.01	0.01	1	1
S	223	1	38	2	65	0.1	120	12	264	2.98	8	5	N5	N5	16	1	2	2	76	0.25	0.19	5	76	1.32	96	0.12	5	2.58	0.01	0.01	1	2
S	224	1	6	6	26	0.1	15	4	168	1.17	2	5	N5	N5	15	1	2	2	31	0.13	0.38	1	7	0.25	109	0.09	5	0.71	0.01	0.01	1	1
S	225	1	5	2	51	0.1	10	4	146	1.25	2	5	N5	N5	15	1	2	2	34	0.13	0.47	2	8	0.29	59	0.10	5	0.89	0.01	0.01	2	1
S	226	1	5	1	46	0.1	19	4	81	1.21	3	5	N5	N5	13	1	2	2	39	0.12	0.37	2	12	0.25	39	0.11	5	0.66	0.01	0.01	1	1
S	227	1	4	5	41	0.1	16	4	114	1.17	2	5	N5	N5	20	1	2	2	40	0.17	0.48	1	8	0.23	90	0.12	5	0.82	0.01	0.01	1	1
S	228	1	5	1	69	0.1	15	4	226	1.22	2	5	N5	N5	12	1	2	2	34	0.13	0.50	2	8	0.23	88	0.10	5	0.77	0.01	0.01	1	1
S	229	2	9	20	59	0.1	9	8	519	1.72	6	5	N5	N5	17	1	5	5	33	0.28	0.71	2	9	0.21	174	0.09	5	0.84	0.01	0.01	6	1
S	230	2	15	15	33	0.1	13	7	313	1.56	15	5	N5	N5	16	1	4	5	45	0.31	0.67	4	17	0.34	165	0.09	10	1.63	0.01	0.01	3	1
S	231	2	10	20	43	0.1	11	7	466	1.56	8	5	N5	N5	17	1	5	6	47	0.27	0.29	6	10	0.31	116	0.12	12	0.74	0.01	0.01	4	1
S	232	3	9	22	42	0.1	10	8	154	1.24	6	5	N5	N5	16	2	4	5	34	0.16	0.66	7	8	0.20	72	0.10	5	0.75	0.01	0.01	15	1
S	233	2	13	16	34	0.1	11	8	446	1.46	14	5	N5	N5	23	1	4	5	60	0.41	0.12	4	12	0.25	96	0.09	7	0.82	0.01	0.01	4	1
S	234	3	8	18	49	0.2	10	8	439	1.18	8	5	N5	N5	17	1	5	4	34	0.20	0.51	4	9	0.21	109	0.09	5	0.78	0.01	0.01	5	1
S	235	2	6	17	35	0.1	9	6	184	1.16	8	5	N5	N5	15	2	5	14	34	0.16	0.55	5	8	0.20	78	0.09	5	0.69	0.01	0.01	5	1
S	236	2	7	18	32	0.2	8	5	198	1.16	6	5	N5	N5	16	1	3	8	34	0.17	0.61	5	7	0.18	72	0.08	5	0.74	0.01	0.01	2	1
S	237	1	10	9	37	0.2	10	5	364	1.53	4	5	N5	N5	23	1	2	2	37	0.29	0.58	5	9	0.27	121	0.10	5	0.75	0.01	0.01	1	1
S	238	1	6	8	28	0.2	7	5	166	1.16	5	5	N5	N5	15	1	5	2	34	0.19	0.29	5	7	0.19	54	0.09	5	0.64	0.01	0.01	3	1
S	239	1	7	5	47	0.1	10	4	272	1.18	4	5	N5	N5	21	1	2	2	28	0.28	0.97	2	8	0.21	142	0.08	9	0.63	0.01	0.01	1	1
S	240	1	5	5	44	0.1	17	5	153	1.09	5	5	N5	N5	15	1	2	2	33	0.17	0.11	2	9	0.20	58	0.09	5	0.58	0.01	0.01	5	1
S	241	1	5	12	48	0.1	11	5	122	1.28	4	5	N5	N5	13	1	2	2	38	0.16	0.59	4	9	0.18	73	0.10	5	0.77	0.01	0.01	2	1
S	242	1	10	9	34	0.1	10	6	119	1.47	5	5	N5	N5	15	1	2	2	45	0.23	0.42	5	9	0.23	64	0.12	5	0.96	0.01	0.01	1	1
S	243	1	6	6	26	0.1	14	5	96	1.29	5	5	N5	N5	12	1	2	2	42	0.14	0.17	4	7	0.21	52	0.12	5	0.73	0.01	0.01	2	1
S	244	1	7	5	28	0.1	65	8	146	1.53	2	5	N5	N5	15	1	2	2	43	0.21	0.21	5	39	0.54	67	0.11	5	0.97	0.01	0.01	2	1
S	245	1	5	8	21	0.1	31	6	114	1.15	2	5	N5	N5	15	1	2	2	36	0.17	0.17	3	14	0.34	49	0.11	5	0.61	0.01	0.01	1	1
S	246	1	6	9	28	0.1	25	8	126	1.53	3	5	N5	N5	14	1	2	2	43	0.15	0.58	4	25	0.57	76	0.15	5	0.78	0.01	0.01	1	1
S	247	1	14	8	57	0.1	215	18	372	2.54	6	5	N5	N5	13	1	2	2	50	0.24	0.41	4	137	2.00	118	0.14	5	1.96	0.01	0.01	1	1
S	248	1	6	5	41	0.1	21	6	133	1.56	5	5	N5	N5	15	1	2	2	41	0.18	0.45	3	10	0.24	79	0.11	5	0.64	0.01	0.01	1	1
S	249	1	5	6	56	0.1	15	4	184	1.34	4	5	N5	N5	14	1	2	2	40	0.16	0.57	2	9	0.20	80	0.11	5	0.69	0.01	0.01	1	1
S	250	2	15	17	45	0.1	16	8	471	1.71	8	5	N5	N5	15	1	4	13	52	0.19	0.19	8	11	0.31	87	0.14	5	1.07	0.01	0.01	4	1
S	251	1	22	9	67	0.1	12	7	454	1.73	9	5	N5	N5	24	1	2	2	44	0.45	0.28	6	9	0.35	173	0.12	5	1.24	0.01	0.01	1	1
S	252	1	25	10	56	0.1	9	6	512	1.55	8	5	N5	N5	20	1	2	2	42	0.27	0.39	9	10	0.28	91	0.11	5	1.33	0.01	0.02	5	1
S	253	1	13	11	50	0.2	9	6	304	1.49	6	5	N5	N5	22	1	2	2	42	0.34	0.51	6	8	0.27	80	0.11	5	1.10	0.01	0.01	7	1
S	254	2	10	17	28	0.2	11	7	134	1.44	8	5	N5	N5	14	1	2	11	47	0.21	0.23	9	9	0.21	51	0.11	5	0.72	0.01	0.01	4	1
S	255	5	178	8	125	0.3	37	26	484	4.85	127	6	N5	N5	14	1	2	2	100	0.18	0.29	8	27	5.86	71	0.09	5	2.74	0.01	0.03	1	2

CERTIFIED BY :

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CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.1
PAGE # : 5

PRE FIX	SAMPLE NAME	PPB MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
S	256	1	20	4	118	0.2	41	8	572	3.06	6	5	NS	NS	19	1	2	2	38	0.30	0.15	6	7	0.29	78	0.19	5	0.04	0.02	0.01	1	1
S	257	1	31	12	96	0.1	6	1	284	0.65	12	5	NS	NS	55	1	2	2	15	1.41	0.28	2	4	0.18	42	0.04	5	0.32	0.02	0.01	3	1
S	258	1	17	8	233	0.2	6	4	492	1.21	3	5	NS	NS	21	1	5	2	33	0.29	0.16	2	7	0.22	116	0.08	5	0.47	0.01	0.01	8	1
S	259	1	41	17	218	0.1	10	10	693	1.76	7	5	NS	NS	23	2	5	4	46	0.45	0.37	7	10	0.35	96	0.09	5	0.93	0.01	0.01	6	1
S	260	1	69	10	674	0.2	10	6	253	1.49	2	5	NS	NS	10	1	2	2	41	0.42	0.37	4	10	0.34	71	0.08	5	0.83	0.01	0.01	13	1
S	261	1	9	8	200	0.1	4	4	174	1.11	6	5	NS	NS	19	1	2	2	33	0.36	0.28	2	5	0.16	46	0.08	5	0.56	0.01	0.01	4	1
S	262	1	9	6	35	0.1	5	5	98	1.21	5	5	NS	NS	20	1	2	2	32	0.40	0.07	5	5	0.15	46	0.09	5	0.69	0.01	0.01	1	1
S	263	1	6	10	24	0.1	5	5	98	1.02	2	5	NS	NS	13	1	4	4	32	0.21	0.25	2	6	0.14	40	0.08	5	0.55	0.01	0.01	1	1
S	264	1	8	3	12	0.1	5	4	84	1.23	2	5	NS	NS	18	1	2	2	36	0.31	0.07	2	5	0.21	38	0.09	5	1.05	0.01	0.01	1	1
S	265	1	18	10	78	0.1	6	4	1452	0.95	9	5	NS	NS	48	1	2	2	27	0.89	0.99	6	6	0.24	664	0.07	5	0.73	0.01	0.01	1	1
S	266	1	11	9	68	0.1	7	5	570	1.17	7	5	NS	NS	28	1	2	2	31	0.33	1.98	4	5	0.21	168	0.10	5	0.84	0.01	0.01	1	1
S	267	2	21	19	81	0.1	10	8	466	1.26	11	5	NS	NS	54	1	5	11	33	0.78	1.46	9	8	0.24	225	0.10	5	1.01	0.01	0.01	4	1
S	268	1	31	3	117	0.1	10	7	1345	1.33	2	5	NS	NS	38	1	2	2	32	0.63	1.45	5	7	0.28	335	0.10	5	0.95	0.01	0.01	1	1
S	269	1	20	5	81	0.1	9	8	853	1.73	8	5	NS	NS	26	1	2	2	44	0.56	1.44	4	10	0.27	156	0.09	5	1.22	0.01	0.01	1	1
S	270	1	27	8	101	0.1	7	10	325	1.65	2	5	NS	NS	30	1	2	2	45	0.35	0.64	5	8	0.35	94	0.11	5	1.21	0.01	0.01	1	1
S	271	5	9	4	28	0.1	5	4	117	1.24	3	5	NS	NS	17	1	2	2	39	0.33	0.29	6	7	0.15	59	0.09	5	0.88	0.01	0.01	1	1
S	272	1	56	6	56	0.1	8	5	844	1.98	11	5	NS	NS	55	1	2	2	36	1.07	0.81	6	6	0.25	275	0.08	5	0.85	0.01	0.01	1	1
S	273	1	180	1	132	0.1	32	15	294	3.27	14	6	NS	NS	14	1	2	2	80	0.25	0.25	2	16	0.75	151	0.51	5	2.31	0.01	0.09	1	2
S	274	1	13	10	343	0.1	6	6	277	1.27	3	5	NS	NS	14	1	2	3	33	0.27	0.12	3	7	0.21	59	0.10	5	0.98	0.01	0.01	8	1
S	275	1	14	7	152	0.2	5	5	125	1.26	3	5	NS	NS	14	1	2	2	34	0.27	0.09	2	7	0.19	48	0.08	5	0.79	0.01	0.01	1	1
S	276	1	8	12	87	0.1	5	5	96	1.09	5	5	NS	NS	19	1	4	2	36	0.58	0.07	3	6	0.11	36	0.09	5	0.65	0.01	0.01	3	1
S	277	1	34	6	192	0.1	7	5	111	1.02	18	5	NS	NS	17	1	3	2	27	0.28	0.07	6	5	0.14	34	0.08	5	0.77	0.01	0.01	1	1
S	278	1	22	18	68	0.1	9	7	525	1.53	16	5	NS	NS	45	1	6	7	35	0.71	2.39	7	10	0.25	189	0.09	5	0.91	0.01	0.01	3	1
S	279	1	66	6	56	0.1	16	13	438	2.52	9	5	NS	NS	25	1	7	2	68	0.71	0.65	1	27	0.95	68	0.18	5	1.56	0.01	0.01	1	2
S	280	1	32	11	49	0.1	12	8	790	1.48	9	5	NS	NS	37	1	2	2	36	0.64	1.17	7	10	0.35	294	0.10	5	1.21	0.01	0.01	1	1
S	281	1	11	10	45	0.1	6	4	169	1.29	6	5	NS	NS	15	1	2	2	36	0.18	0.79	3	6	0.19	69	0.10	5	0.99	0.01	0.01	1	1
S	282	1	5	9	58	0.2	5	6	165	1.07	5	5	NS	NS	9	1	2	2	31	0.11	0.41	2	6	0.17	46	0.09	5	0.64	0.01	0.01	1	1
S	283	1	6	9	21	0.2	5	5	93	1.08	3	5	NS	NS	10	1	2	2	36	0.11	0.45	2	5	0.16	47	0.08	5	0.81	0.01	0.01	1	1
S	284	1	16	8	32	0.2	7	7	159	1.56	4	5	NS	NS	12	1	5	2	38	0.13	0.56	4	7	0.20	53	0.09	5	1.07	0.01	0.01	1	1
S	285	1	18	11	38	0.1	12	8	538	1.78	5	5	NS	NS	17	1	2	3	52	0.24	0.63	2	8	0.40	94	0.17	5	0.89	0.01	0.01	1	1
S	286	1	8	12	79	0.1	7	8	538	1.44	5	5	NS	NS	15	1	6	3	42	0.11	1.03	4	9	0.25	100	0.11	5	0.81	0.01	0.01	1	1
S	287	3	31	17	61	0.1	16	11	833	3.78	4	5	NS	NS	25	1	2	3	45	0.39	0.39	10	9	0.52	196	0.13	5	1.65	0.01	0.01	2	1
S	288	1	104	12	66	0.2	11	21	1134	2.87	21	5	NS	NS	50	1	2	2	53	0.87	0.68	8	14	0.55	353	0.09	5	1.75	0.01	0.01	3	2
S	289	3	674	13	177	0.4	27	36	1843	3.62	12	5	NS	NS	14	1	6	2	82	0.16	0.85	6	22	0.77	146	0.09	5	1.91	0.01	0.01	8	2
S	290	1	38	8	77	0.1	8	10	558	1.68	5	5	NS	NS	18	1	2	2	48	0.45	0.48	6	12	0.32	97	0.11	5	1.29	0.01	0.01	1	1
S	291	1	27	5	46	0.2	6	6	197	1.12	4	5	NS	NS	12	1	2	2	38	0.18	0.32	3	9	0.25	54	0.08	5	0.58	0.01	0.01	1	1
S	292	1	93	15	119	0.1	13	12	586	2.25	8	5	NS	NS	24	1	2	2	59	0.74	0.66	7	20	0.69	107	0.16	5	1.75	0.01	0.01	1	2
S	293	1	5	8	11	0.1	3	3	56	0.71	2	5	NS	NS	10	1	3	2	26	0.13	0.27	3	4	0.06	25	0.05	5	0.29	0.01	0.01	1	1
S	294	1	12	14	29	0.1	7	7	145	1.32	5	5	NS	NS	16	1	2	2	39	0.21	0.72	7	6	0.30	68	0.11	5	1.01	0.01	0.01	1	1

CERTIFIED BY :

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CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.1
PAGE # : 6

PRE FIX	SAMPLE NAME	PPB MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
S	295	1	11	1	47	0.1	7	5	192	1.59	4	5	NS	NS	19	2	2	2	57	0.30	0.01	3	8	0.20	98	0.13	5	0.65	0.01	0.01	1	1
S	296	1	12	98	43	0.1	9	6	331	1.87	6	6	NS	NS	42	1	2	2	58	0.66	0.02	4	8	0.27	108	0.15	5	1.14	0.01	0.01	1	1
S	297	1	17	15	47	0.1	10	9	227	1.41	7	6	NS	NS	24	2	2	2	39	0.46	0.03	8	9	0.23	135	0.10	5	0.85	0.01	0.01	1	1
S	298	1	8	10	24	0.1	8	8	93	1.44	9	5	NS	NS	12	2	2	3	44	0.15	0.01	6	10	0.17	34	0.12	5	0.65	0.01	0.01	1	1
S	299	1	9	14	77	0.1	7	8	175	1.61	3	5	NS	NS	15	1	2	2	38	0.17	0.01	3	7	0.21	58	0.11	5	1.02	0.01	0.01	1	1
S	300	1	8	1	48	0.1	8	8	287	1.69	5	5	NS	NS	17	1	2	2	42	0.29	0.02	2	8	0.24	76	0.12	5	0.93	0.01	0.01	1	1
S	301	1	11	16	66	0.1	13	11	494	1.85	10	5	NS	NS	23	2	2	2	46	0.49	0.02	6	11	0.25	110	0.12	5	1.05	0.01	0.01	1	1
S	302	1	11	12	43	0.2	12	9	381	1.52	9	5	NS	NS	23	1	2	2	46	0.54	0.02	6	10	0.23	86	0.11	5	1.15	0.01	0.01	1	1
S	303	1	15	16	44	0.1	21	18	227	1.76	28	8	NS	NS	18	2	2	2	56	0.37	0.01	6	17	0.34	72	0.10	5	1.09	0.01	0.01	1	2
S	304	1	8	18	46	0.1	9	10	155	1.45	10	5	NS	NS	17	2	2	2	42	0.23	0.02	6	9	0.21	57	0.11	5	0.92	0.01	0.01	1	1
S	305	1	7	5	21	0.2	7	7	104	1.14	7	5	NS	NS	17	1	2	2	39	0.19	0.01	3	7	0.15	45	0.09	5	0.56	0.01	0.01	1	1
S	306	1	10	8	60	0.1	14	8	257	1.80	6	5	NS	NS	20	1	2	2	55	0.56	0.03	4	13	0.29	58	0.13	5	1.06	0.01	0.01	1	1
S	307	2	6	3	43	0.1	8	8	126	1.66	5	5	NS	NS	15	1	2	2	50	0.25	0.01	3	8	0.20	42	0.12	5	1.09	0.01	0.01	1	1
S	308	1	7	4	51	0.1	9	7	143	1.60	6	5	NS	NS	20	1	2	2	54	0.35	0.01	3	8	0.19	56	0.13	5	0.71	0.01	0.01	1	1
S	309	1	7	7	32	0.1	10	8	145	1.44	7	5	NS	NS	19	1	2	2	41	0.17	0.01	3	8	0.22	52	0.11	5	0.85	0.01	0.01	1	1
S	310	1	12	1	9	0.1	8	1	61	1.03	18	5	NS	NS	40	1	2	2	22	1.85	0.03	3	16	0.29	84	0.06	5	0.77	0.01	0.01	1	1
S	311	1	2	7	25	0.1	12	9	134	1.77	5	5	NS	NS	16	1	2	2	48	0.26	0.01	3	10	0.25	56	0.11	5	1.27	0.01	0.01	1	1
S	312	1	8	46	57	0.1	10	8	278	1.36	5	5	NS	NS	19	1	2	2	54	0.22	0.01	3	9	0.22	117	0.11	5	0.92	0.01	0.01	1	1
S	313	1	5	5	26	0.1	14	8	229	1.34	6	5	NS	NS	16	1	2	2	48	0.26	0.01	3	14	0.21	85	0.10	5	0.50	0.01	0.01	1	1
S	314	1	9	17	44	0.1	48	9	156	1.61	11	5	NS	NS	13	1	6	2	49	0.16	0.01	8	20	0.30	36	0.12	5	1.01	0.01	0.01	2	1
S	315	3	8	7	28	0.1	276	22	334	2.23	20	5	NS	NS	15	1	3	2	47	0.16	0.04	5	142	0.54	51	0.11	5	0.75	0.01	0.01	1	1
S	316	2	19	19	48	0.1	96	14	587	1.87	15	5	NS	NS	22	2	8	5	54	0.35	0.02	9	43	0.63	103	0.14	5	0.87	0.01	0.01	4	2
S	317	3	32	21	132	0.1	269	29	618	4.15	16	5	NS	NS	25	1	2	2	103	0.53	0.05	9	156	1.25	119	0.27	5	2.13	0.01	0.01	4	3
S	318	3	11	9	75	0.2	23	7	334	1.98	10	5	NS	NS	29	1	2	2	59	0.41	0.01	8	15	0.32	136	0.15	5	1.01	0.01	0.01	1	2
S	319	1	8	12	75	0.1	9	6	114	1.76	17	5	NS	NS	18	1	2	2	49	0.39	0.01	9	9	0.19	67	0.12	5	1.21	0.01	0.01	1	1
S	320	1	8	9	38	0.1	10	9	278	1.48	8	6	NS	NS	19	1	2	2	47	0.45	0.02	6	11	0.25	75	0.12	5	0.65	0.01	0.01	1	1
S	321	2	8	18	64	0.1	12	7	534	1.58	15	5	NS	NS	21	2	5	5	47	0.55	0.01	9	14	0.21	75	0.11	5	0.79	0.01	0.01	2	1
S	322	1	7	9	32	0.1	9	6	159	1.34	22	5	NS	NS	15	1	2	2	41	0.24	0.02	5	10	0.20	53	0.11	5	0.77	0.01	0.01	1	1
S	323	1	8	8	25	0.1	8	5	152	1.39	16	5	NS	NS	17	1	2	2	41	0.26	0.02	5	8	0.19	51	0.10	5	0.69	0.01	0.01	1	1
S	324	1	10	7	48	0.2	9	6	219	1.66	9	5	NS	NS	18	1	2	2	43	0.27	0.01	7	9	0.21	74	0.11	5	1.02	0.01	0.01	1	1
S	325	1	10	4	56	0.1	9	6	341	1.51	8	5	NS	NS	18	1	2	2	45	0.19	0.01	6	9	0.22	86	0.11	5	0.95	0.01	0.01	1	1
S	326	3	10	15	79	0.1	14	8	429	2.07	11	5	NS	NS	21	1	2	2	66	0.30	0.02	8	15	0.30	122	0.17	5	0.98	0.01	0.01	1	2
S	327	2	9	8	26	0.1	9	5	142	1.54	9	5	NS	NS	18	1	2	2	51	0.23	0.01	6	9	0.18	58	0.11	5	0.80	0.01	0.01	1	1
S	328	1	11	15	148	0.1	16	6	488	2.14	12	5	NS	NS	24	1	5	2	65	0.35	0.01	8	14	0.37	205	0.13	5	1.01	0.01	0.01	3	2
S	329	1	9	8	84	0.1	10	7	195	1.67	12	5	NS	NS	25	1	2	2	43	0.43	0.02	6	9	0.22	82	0.11	5	1.01	0.01	0.01	4	1
S	330	2	19	13	107	0.1	15	9	439	2.26	9	5	NS	NS	21	3	3	2	71	0.47	0.02	9	15	0.39	112	0.13	5	1.10	0.01	0.01	4	2
S	331	1	14	18	156	0.1	14	9	318	2.02	8	5	NS	NS	30	1	2	2	59	0.67	0.02	10	12	0.31	125	0.17	5	1.36	0.01	0.01	5	2
S	332	1	11	11	76	0.1	16	7	295	2.42	17	5	NS	NS	19	1	2	2	81	0.28	0.01	7	17	0.36	90	0.18	5	0.97	0.01	0.01	1	2
S	333	2	9	45	55	0.1	12	8	134	1.53	15	5	NS	NS	21	1	5	4	47	0.34	0.01	11	12	0.22	66	0.12	5	0.96	0.01	0.01	7	1

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

1220 S. Springer Ave., Burnaby, British Columbia, Can. V5B 3B1
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CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.1
PAGE # : 8

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
S	443	1	45	9	55	0.1	32	16	381	2.93	7	5	NS	NS	10	1	5	2	84	0.17	0.01	2	39	1.25	64	0.18	5	2.54	0.01	0.01	1	1
S	445	1	56	6	50	0.1	33	15	799	4.44	12	7	NS	NS	13	1	2	2	132	0.42	0.01	1	69	2.69	50	0.22	5	3.06	0.01	0.01	1	2
S	465	1	46	9	82	0.1	31	13	622	3.39	58	5	NS	NS	15	1	2	2	111	0.29	0.01	1	61	1.63	57	0.22	5	2.42	0.01	0.01	1	1
S	466	1	214	3	235	0.1	68	26	1337	6.64	348	5	NS	NS	14	2	5	2	142	0.26	0.01	1	68	1.49	19	0.03	5	2.61	0.01	0.01	5	2
S	495	3	168	9	148	0.1	33	14	451	3.36	79	6	NS	NS	12	1	2	2	109	0.09	0.03	1	39	1.12	46	0.18	5	2.44	0.01	0.01	1	1
S	444	1	144	8	142	0.1	17	14	372	3.21	81	5	NS	NS	15	1	2	2	77	0.20	0.03	1	26	0.78	64	0.15	5	1.42	0.01	0.01	4	1
L	5-01	1	29	19	20	0.1	699	26	367	2.36	12	5	NS	NS	18	1	2	15	46	0.51	0.01	1	319	7.34	65	0.05	5	0.91	0.01	0.01	3	1
R	901	1	113	43	27	0.6	18	17	441	5.44	7	5	NS	NS	45	2	2	8	151	0.83	0.19	1	43	1.12	7	0.11	90	7.67	0.01	0.01	3	1
R	902	1	149	5	60	0.1	30	26	959	6.19	21	5	NS	NS	12	1	2	6	169	0.44	0.08	4	89	3.45	17	0.07	5	5.53	0.01	0.01	4	2
R	903	1	98	3	32	0.1	20	17	490	4.82	13	5	NS	NS	24	1	5	5	183	1.46	0.04	3	83	3.22	16	0.16	5	2.99	0.01	0.01	6	2
R	904	1	56	4	25	0.1	22	17	451	4.56	12	5	NS	NS	28	1	6	5	138	1.58	0.09	6	71	2.14	13	0.09	5	2.22	0.01	0.01	4	1
R	905	1	16	3	13	0.1	27	15	324	2.71	10	5	NS	NS	10	1	7	5	78	1.05	0.07	7	94	1.39	10	0.06	5	1.53	0.01	0.01	4	1
R	906	1	21	3	20	0.1	19	14	297	2.94	5	5	NS	NS	12	1	2	3	82	0.62	0.07	1	54	1.46	9	0.12	5	1.62	0.01	0.01	3	1
R	907	1	95	3	19	0.1	26	18	449	5.03	22	5	NS	NS	24	1	4	3	168	0.77	0.08	3	52	2.61	15	0.04	5	2.89	0.01	0.01	1	2
R	908	1	18	1	21	0.1	29	18	276	2.51	10	5	NS	NS	18	1	2	4	32	0.75	0.18	1	112	1.79	14	0.18	5	1.72	0.01	0.01	4	1
R	809	3	9	3	9	0.1	24	24	436	4.57	50	5	NS	NS	13	1	6	3	155	0.58	0.07	1	45	1.32	25	0.04	5	1.78	0.05	0.01	5	2
R	810	1	13	3	19	0.1	121	26	234	3.26	7	5	NS	NS	9	1	6	3	26	0.37	0.03	2	481	3.43	16	0.03	5	2.26	0.01	0.01	4	1
R	811	1	27	4	15	0.1	897	44	552	5.81	2	5	NS	NS	17	1	2	2	74	1.39	0.01	1	855	13.51	1	0.04	5	1.57	0.01	0.01	1	1
R	812	1	44	3	21	0.1	31	7	505	2.61	2	5	NS	NS	54	1	2	2	77	3.99	0.12	1	58	2.83	6	0.20	5	1.99	0.01	0.01	1	1
R	813	1	61	2	36	0.1	32	16	525	5.34	7	5	NS	NS	12	1	2	2	95	1.20	0.13	1	91	1.77	10	0.27	5	1.76	0.04	0.01	1	1
R	814	2	792	3	18	0.5	5	17	284	5.05	22	5	NS	NS	11	1	8	4	58	0.41	0.11	3	15	1.04	4	0.15	5	1.84	0.05	0.01	1	1
R	815	1	307	3	18	0.1	29	21	954	7.31	2	7	NS	NS	3	1	2	4	293	0.13	0.08	2	67	5.73	2	0.18	5	0.59	0.01	0.01	2	2
R	816	1	55	2	25	0.1	42	56	562	6.61	9	6	NS	NS	11	1	2	5	167	1.37	0.07	3	63	3.88	4	0.11	5	3.75	0.01	0.01	2	2
R	817	3	81	3	20	0.6	25	31	542	7.69	7	8	NS	NS	6	1	2	4	179	0.62	0.06	4	39	4.23	6	0.15	5	4.16	0.01	0.01	1	1
R	818	2	18	7	36	0.1	20	29	537	7.07	5	14	NS	NS	5	1	2	7	211	0.72	0.09	1	39	3.53	4	0.12	5	3.79	0.01	0.01	1	2
R	819	9	1722	7	54	0.1	19	27	625	6.72	4	10	NS	NS	13	1	2	2	178	0.47	0.12	1	48	2.67	4	0.16	5	3.21	0.01	0.01	3	2
R	820	3	3266	8	32	0.2	18	36	512	7.20	6	9	NS	NS	17	1	2	2	154	0.45	0.06	1	30	3.04	3	0.16	5	3.66	0.01	0.01	1	1
R	821	1	1195	13	34	0.1	25	40	468	6.98	5	8	NS	NS	17	1	7	2	152	0.33	0.06	1	57	3.44	3	0.13	5	3.63	0.01	0.01	1	1
R	822	2	121	6	83	0.1	13	14	578	5.55	20	5	NS	NS	39	1	8	5	78	0.67	0.12	4	25	1.06	152	0.11	5	3.20	0.01	0.01	2	1
R	823	1	44	11	112	0.1	15	13	547	6.78	13	6	NS	NS	150	1	3	3	69	3.76	0.12	2	14	0.72	46	0.11	5	0.66	0.01	0.01	2	1
R	824	2	69	2	36	0.1	11	5	273	3.99	4	5	NS	NS	92	1	2	2	52	2.94	0.11	6	19	0.75	70	0.08	5	3.50	0.01	0.01	3	1
R	825	1	43	3	91	0.5	9	9	284	4.93	7	5	NS	NS	61	1	2	2	19	0.32	0.14	2	54	1.09	150	0.11	15	0.54	0.01	0.01	5	1
R	826	2	62	5	92	0.1	11	11	376	4.59	8	5	NS	NS	21	1	9	4	83	0.90	0.12	5	27	1.66	250	0.12	9	3.26	0.13	0.01	8	1
R	827	1	36	3	80	0.1	9	10	420	4.78	6	5	NS	NS	56	1	2	2	76	0.75	0.15	1	27	1.85	153	0.11	5	3.18	0.06	0.01	1	1
R	828	2	58	5	99	0.1	15	15	587	5.16	10	5	NS	NS	82	1	7	5	54	0.50	0.12	5	23	1.07	76	0.05	7	2.78	0.04	0.01	8	1
R	829	2	43	1	85	0.1	9	9	399	5.12	2	5	NS	NS	55	1	2	2	51	0.51	0.14	2	28	1.09	52	0.07	9	2.68	0.05	0.01	5	1
R	830	1	39	6	87	0.1	9	11	339	5.20	6	5	NS	NS	54	1	2	3	42	0.45	0.06	2	16	1.12	65	0.07	8	2.58	0.04	0.01	5	1
R	831	1	27	8	81	0.1	8	8	375	4.81	4	5	NS	NS	113	1	2	2	40	1.12	0.08	2	18	1.15	93	0.12	5	3.72	0.03	0.01	1	1
R	832	5	61	7	71	0.2	5	1	772	4.46	9	5	NS	NS	94	1	2	2	75	3.35	0.07	4	21	1.09	79	0.09	8	3.21	0.01	0.01	2	1

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CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.1
PAGE # : 7

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
S	334	1	9	7	33	0.1	8	6	178	1.29	3	5	NS	NS	19	1	2	2	39	0.20	0.01	3	7	0.26	78	0.19	5	0.86	0.01	0.01	1	1
S	335	1	7	11	36	0.1	10	7	87	1.32	16	5	NS	NS	27	1	6	2	41	0.48	0.04	3	26	0.29	44	0.11	5	0.68	0.01	0.01	3	1
S	336	1	6	3	46	0.1	8	5	272	1.09	2	5	NS	NS	21	1	2	2	32	0.22	0.02	1	7	0.23	82	0.09	5	0.70	0.01	0.01	1	1
S	337	1	4	3	32	0.1	8	6	180	1.16	2	5	NS	NS	17	1	2	2	32	0.19	0.01	2	6	0.21	74	0.09	5	0.81	0.01	0.01	1	1
S	338	1	8	1	29	0.1	8	5	157	1.16	2	5	NS	NS	21	1	2	2	31	0.20	0.01	1	5	0.21	65	0.09	5	0.87	0.01	0.01	1	1
S	339	1	8	5	35	0.1	10	6	154	1.33	3	5	NS	NS	19	1	2	2	38	0.19	0.01	1	8	0.26	64	0.10	5	0.95	0.01	0.01	1	1
S	340	1	9	12	44	0.1	12	10	301	1.51	8	5	NS	NS	21	1	4	4	42	0.24	0.01	4	11	0.34	105	0.11	5	0.99	0.01	0.01	2	1
S	341	2	7	13	52	0.1	9	10	125	1.23	8	5	NS	NS	19	1	7	4	38	0.21	0.02	5	9	0.19	51	0.11	5	0.81	0.01	0.01	4	1
S	342	1	9	4	32	0.1	9	8	126	1.39	4	5	NS	NS	19	1	2	2	45	0.26	0.02	4	7	0.19	66	0.11	5	0.95	0.01	0.01	1	1
S	343	1	7	11	41	0.1	10	9	270	1.45	3	5	NS	NS	18	1	5	2	53	0.24	0.01	4	10	0.24	133	0.12	5	0.87	0.01	0.01	1	1
S	344	1	8	4	35	0.1	9	8	114	1.21	2	5	NS	NS	17	1	4	4	37	0.16	0.01	4	7	0.25	61	0.10	5	0.98	0.01	0.01	2	1
S	345	1	6	9	33	0.1	8	7	179	1.70	4	5	NS	NS	26	1	4	4	37	0.32	0.05	4	8	0.29	79	0.10	5	0.77	0.01	0.01	2	1
S	346	1	12	8	44	0.1	14	15	529	1.65	8	5	NS	NS	20	1	3	5	64	0.31	0.01	4	11	0.34	95	0.11	5	1.16	0.01	0.01	2	1
S	347	1	7	9	48	0.1	8	8	564	1.29	5	5	NS	NS	16	1	2	4	58	0.19	0.01	4	8	0.24	97	0.11	5	0.85	0.01	0.01	2	1
S	348	1	7	8	38	0.1	12	9	256	1.43	3	5	NS	NS	19	1	2	5	44	0.31	0.01	4	10	0.28	68	0.12	5	1.07	0.01	0.01	2	1
S	349	1	7	8	41	0.1	11	8	419	1.51	7	5	NS	NS	17	1	2	5	47	0.18	0.02	5	9	0.25	63	0.12	5	1.02	0.01	0.01	1	1
S	350	1	7	12	39	0.1	9	8	222	1.46	2	5	NS	NS	17	1	4	5	45	0.18	0.02	4	9	0.24	76	0.12	5	0.94	0.01	0.01	1	1
S	351	1	15	11	36	0.1	11	8	133	1.68	4	5	NS	NS	15	1	3	4	44	0.15	0.01	4	11	0.26	42	0.11	5	1.05	0.01	0.01	1	1
S	352	1	11	9	43	0.1	14	10	186	1.94	6	5	NS	NS	19	1	2	5	57	0.21	0.01	5	14	0.30	76	0.10	5	1.24	0.01	0.01	2	1
S	353	1	6	5	38	0.1	9	6	99	1.12	3	5	NS	NS	14	1	2	5	33	0.15	0.01	5	6	0.19	63	0.08	5	0.87	0.01	0.01	1	1
S	354	1	21	7	36	0.1	7	7	119	1.40	9	5	NS	NS	13	1	2	2	41	0.12	0.01	4	9	0.20	47	0.16	5	1.12	0.01	0.01	1	1
S	355	1	6	2	36	0.1	8	6	110	1.14	2	5	NS	NS	16	1	2	2	34	0.18	0.01	3	6	0.18	41	0.09	5	0.86	0.01	0.01	2	1
S	356	1	8	7	48	0.2	7	7	155	1.01	2	5	NS	NS	17	1	2	2	31	0.21	0.02	5	8	0.18	78	0.12	5	0.62	0.01	0.01	1	1
S	357	1	47	7	112	0.1	15	16	1060	2.16	11	5	NS	NS	28	1	2	2	62	0.99	0.04	4	29	0.62	141	0.09	5	1.58	0.01	0.01	1	2
S	358	1	60	12	85	0.1	11	8	716	1.37	11	5	NS	NS	25	2	5	2	50	2.15	0.04	2	16	0.96	86	0.05	5	0.73	0.01	0.01	4	1
S	359	3	17	4	101	0.1	11	7	673	1.53	4	5	NS	NS	16	1	3	2	47	0.56	0.02	5	12	0.43	91	0.10	5	0.89	0.01	0.01	1	1
S	360	1	31	2	250	0.1	11	7	1253	1.41	7	5	NS	NS	37	2	2	2	34	1.09	0.01	4	10	0.36	215	0.08	5	1.07	0.01	0.01	7	1
S	361	1	22	5	64	0.1	8	7	571	1.38	6	5	NS	NS	34	1	3	2	41	0.84	0.02	4	7	0.26	149	0.10	5	0.87	0.01	0.01	1	1
S	362	1	18	12	28	0.1	13	8	326	1.37	9	5	NS	NS	26	1	5	5	48	0.44	0.03	5	10	0.23	134	0.10	5	0.66	0.01	0.01	4	1
S	363	1	78	4	50	0.1	12	14	991	1.78	7	5	NS	NS	50	1	2	2	45	0.40	0.02	4	11	0.36	253	0.11	5	1.36	0.01	0.01	1	1
S	364	1	8	3	31	0.1	7	6	300	1.36	2	5	NS	NS	18	1	2	2	46	0.22	0.01	2	7	0.21	82	0.11	5	0.68	0.01	0.01	1	1
S	365	1	29	13	56	0.1	11	9	222	1.92	6	5	NS	NS	20	1	5	4	61	0.29	0.03	6	16	0.28	86	0.15	5	0.86	0.01	0.01	3	2
S	366	1	11	11	68	0.1	11	9	427	1.72	6	5	NS	NS	20	1	5	4	57	0.24	0.02	5	10	0.28	97	0.14	5	0.91	0.01	0.01	6	1
S	367	1	24	3	36	0.1	11	8	315	1.76	2	5	NS	NS	16	1	2	2	51	0.26	0.01	5	8	0.29	87	0.14	5	1.32	0.01	0.01	1	1
S	368	2	9	14	44	0.1	9	9	281	1.59	4	5	NS	NS	23	1	6	4	39	0.30	0.02	6	8	0.21	149	0.10	5	0.95	0.01	0.01	5	1
S	369	2	6	19	44	0.1	8	9	188	1.29	5	5	NS	NS	16	1	4	4	57	0.17	0.02	5	9	0.21	72	0.11	5	0.93	0.01	0.01	3	1
S	370	5	7	8	27	0.1	7	7	195	1.25	4	5	NS	NS	14	1	2	2	37	0.16	0.01	5	7	0.22	56	0.10	5	0.91	0.01	0.01	1	1
S	371	5	8	2	48	0.1	8	7	307	1.40	3	5	NS	NS	16	1	2	2	42	0.18	0.01	2	7	0.29	65	0.12	5	0.86	0.01	0.01	1	1
S	400	1	56	3	51	0.1	81	12	481	3.72	5	5	NS	NS	12	1	2	2	110	0.35	0.02	2	78	2.09	45	0.30	5	3.50	0.01	0.01	1	1

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

3235 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-9919 Fax:299-9253

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

PROJECT : 469
TYPE OF ANALYSIS : ICP

CERTIFICATE # : 88277
INVOICE # : 90090
DATE ENTERED : 88-11-15
FILE NAME : A&M88277.I
PAGE # : 9

PRE FIX	SAMPLE NAME	PPM MO	PPM CU	PPM PB	PPM ZN	PPM AG	PPM NI	PPM CO	PPM MN	% FE	PPM AS	PPM U	PPM AU	PPM TH	PPM SR	PPM CD	PPM SB	PPM BI	PPM V	% CA	% P	PPM LA	PPM CR	% MG	PPM BA	% TI	PPM B	% AL	% NA	% K	PPM W	PPM HG
A	833	1	30	9	69	0.1	5	6	546	5.07	2	5	MD	MD	22	1	2	2	43	0.49	0.07	2	17	1.17	66	0.13	5	2.69	0.01	0.01	6	1
A	834	1	33	8	73	0.1	5	5	573	5.23	6	5	MD	MD	129	1	2	2	48	0.82	0.12	2	18	1.04	103	0.11	5	3.01	0.01	0.01	1	1
A	835	5	26	14	111	0.1	24	20	801	5.01	23	7	MD	MD	82	1	2	2	164	0.98	0.15	3	92	3.21	52	0.13	5	0.15	0.01	0.03	4	3
A	836	6	25	8	64	0.1	8	6	323	3.85	2	5	MD	MD	83	1	3	2	42	0.71	0.12	3	31	0.98	65	0.08	5	2.87	0.14	0.01	4	1
A	837	4	37	7	98	0.1	6	4	422	4.29	20	5	MD	MD	59	1	2	2	58	0.96	0.14	2	27	0.95	64	0.14	7	3.26	0.06	0.01	2	1
A	838	3	47	5	95	0.3	11	7	433	4.09	2	5	MD	MD	72	1	2	2	80	1.01	0.08	2	35	0.90	77	0.09	13	3.33	0.18	0.01	5	1
A	839	3	39	3	109	0.1	11	6	481	4.45	7	5	MD	MD	81	1	5	2	79	1.12	0.08	4	31	0.93	61	0.09	9	3.64	0.19	0.01	5	1
A	840	4	39	4	83	0.4	10	8	457	4.88	4	5	MD	MD	65	1	2	2	67	0.67	0.08	3	27	0.96	81	0.10	10	2.99	0.09	0.01	5	1
A	841	2	54	5	37	0.2	24	7	284	1.65	110	5	MD	MD	5	1	5	2	3	0.02	0.04	7	63	0.04	12	0.01	5	0.19	0.01	0.01	4	1
A	842	2	36	3	63	0.1	17	10	494	1.99	57	5	MD	MD	4	1	4	2	7	0.03	0.02	14	55	0.12	13	0.01	5	0.37	0.01	0.01	4	1
A	843	1	34	2	62	0.1	22	6	421	1.67	279	5	MD	MD	2	1	4	2	5	0.01	0.02	12	47	0.04	16	0.01	5	0.20	0.01	0.01	6	1
A	844	2	33	3	61	0.2	24	5	305	1.53	24	5	MD	MD	6	1	5	2	3	0.11	0.08	11	87	0.14	11	0.01	7	0.22	0.01	0.01	7	1
A	845	2	38	5	41	0.1	25	8	359	1.48	76	5	MD	MD	5	1	8	3	4	0.02	0.07	11	54	0.10	12	0.01	5	0.27	0.01	0.01	5	1
A	846	2	27	4	53	0.3	27	9	598	1.72	16	5	MD	MD	6	1	10	5	10	0.05	0.07	15	67	0.30	28	0.05	5	0.59	0.03	0.01	10	1
A	847	2	50	3	66	0.3	39	12	738	1.66	15	5	MD	MD	4	1	6	2	16	0.04	0.10	12	71	0.29	27	0.02	5	0.40	0.01	0.01	5	1
A	848	2	42	4	22	0.1	16	4	55	1.03	10	5	MD	MD	3	1	4	2	3	0.01	0.07	10	64	0.02	13	0.01	5	0.16	0.01	0.01	4	1
A	849	3	31	2	29	0.1	11	4	172	1.17	5	5	MD	MD	6	1	5	2	5	0.07	0.08	9	59	0.18	17	0.01	5	0.28	0.01	0.01	6	1
A	850	2	29	3	16	0.3	984	49	779	3.39	2	5	MD	MD	10	1	2	2	39	0.22	0.07	4	519	11.79	34	0.05	5	0.52	0.01	0.01	1	1
A	851	1	7	3	10	0.2	1735	61	183	3.21	9	5	MD	MD	1	1	2	2	10	0.06	0.01	2	637	14.36	5	0.01	5	0.27	0.01	0.01	1	1
A	852	1	3	2	8	0.1	1619	70	539	4.64	8	5	MD	MD	1	1	4	2	25	0.01	0.01	2	837	19.76	1	0.01	5	0.36	0.01	0.01	1	1
A	853	1	2	5	9	0.5	1479	54	648	3.72	8	5	MD	MD	1	1	4	2	21	0.01	0.01	1	832	18.76	1	0.01	5	0.27	0.01	0.01	1	1
A	854	1	7	3	13	0.1	1366	65	210	3.78	9	5	MD	MD	1	1	4	2	22	0.03	0.01	2	737	16.91	3	0.01	5	0.32	0.01	0.01	1	1
A	855	3	57	5	55	0.6	35	12	739	2.93	3	5	MD	MD	24	1	3	3	110	0.49	0.12	8	109	1.30	462	0.26	5	2.44	0.07	0.01	4	2
A	856	5	63	5	61	0.3	34	11	673	2.98	2	5	MD	MD	34	1	2	2	101	0.65	0.11	8	89	1.21	213	0.24	5	2.01	0.03	0.01	5	1
A	857	2	62	4	63	0.4	48	13	998	3.65	16	5	MD	MD	57	1	8	4	111	1.27	0.16	11	128	1.23	370	0.50	5	3.29	0.17	0.01	8	2
A	858	1	2	4	19	0.1	1300	69	530	4.43	6	5	MD	MD	3	1	3	2	19	0.03	0.01	2	498	14.65	4	0.01	5	0.48	0.03	0.03	1	1
A	859	1	2	3	5	0.2	1414	67	507	4.06	6	6	MD	MD	1	1	2	2	24	0.01	0.01	1	648	16.10	1	0.01	5	0.21	0.01	0.01	1	1
A	860	1	3	2	13	0.2	1570	75	699	5.01	8	5	MD	MD	1	1	2	2	7	0.01	0.01	1	375	17.74	1	0.01	5	0.15	0.01	0.01	1	1
A	861	1	283	12	666	1.0	37	9	1694	4.31	5	5	MD	MD	9	2	2	2	187	0.25	0.07	1	68	2.97	9	0.20	5	3.15	0.01	0.01	14	5
A	862	1	200	15	146	1.3	21	12	720	4.58	6	5	MD	MD	5	1	3	2	136	0.72	0.06	1	72	2.37	9	0.20	5	2.18	0.03	0.05	3	2
A	863	1	231	11	139	0.2	17	11	867	5.16	31	5	MD	MD	6	1	2	2	134	0.37	0.07	1	43	2.37	2	0.20	5	2.58	0.01	0.01	6	2
A	864	1	201	12	138	0.9	23	17	1271	6.83	162	10	MD	MD	6	1	3	2	158	0.36	0.08	2	47	5.73	1	0.19	16	3.29	0.01	0.01	1	2
A	865	1	1456	12	108	1.6	14	12	1211	6.65	9	9	MD	MD	5	1	2	2	157	0.26	0.09	1	39	3.56	1	0.20	16	2.92	0.01	0.01	1	2
A	866	1	99	15	43	0.3	21	22	700	5.66	6	6	MD	MD	12	1	3	3	151	0.87	0.08	4	46	2.89	76	0.10	5	2.97	0.01	0.01	1	2
A	867	1	264	9	75	0.5	7	10	824	5.34	3	5	MD	MD	6	1	7	2	147	0.32	0.11	1	27	2.46	1	0.24	5	2.23	0.01	0.01	1	2
A	869	1	82	9	72	0.5	32	16	737	4.18	3	5	MD	MD	8	1	7	2	141	0.55	0.07	1	79	3.42	10	0.24	5	2.79	0.01	0.01	1	2
A	870	1	92	5	39	0.1	11	13	452	3.86	2	5	MD	MD	5	1	2	2	120	0.94	0.16	1	15	1.30	5	0.58	5	1.78	0.01	0.01	1	1
A	871	1	62	5	96	0.1	14	21	571	3.10	15	5	MD	MD	10	1	13	7	63	0.44	0.12	9	22	1.30	31	0.01	5	1.94	0.01	0.01	10	1
A	872	1	44	3	100	0.1	6	12	552	4.04	3	5	MD	MD	10	1	6	2	54	0.24	0.11	6	17	1.57	39	0.01	5	2.44	0.01	0.01	2	1
A	873	1	48	5	67	0.1	19	9	512	4.02	2	5	MD	MD	14	1	2	2	77	0.48	0.13	1	27	1.95	17	0.18	5	2.59	0.01	0.01	1	1

CERTIFIED BY : J. Rossbach

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph: (604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : JOB #469
TYPE OF ANALYSIS : GEOCHEMICAL

CERTIFICATE # : 88356
INVOICE # : 90111
DATE ENTERED : 88-11-23
FILE NAME : A&M88356.6
PAGE # : 1

PRE FIX	SAMPLE NAME	PPB Au
L	806 801	5
L	806 802	5
L	806 803	5
L	806 804	5
A	806 540	5
A	806 721	5
A	806 778	5

CERTIFIED BY :

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.
PROJECT : JOB #469
TYPE OF ANALYSIS : ICP

CERTIFIED BY :

APPENDIX II

Statistical Treatment of Copper, Zinc and Arsenic Results

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : AS
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CLASS INTERVAL	CLASS FREQUENCY	CLASS MEAN	REL. FREQUENCY	CUM. FREQUENCY
0.0 - 15.0	242	5.54	86.74	86.74
15.0 - 30.0	28	19.18	10.04	96.77
30.0 - 45.0	1	38.00	0.36	97.13
45.0 - 60.0	3	52.33	1.08	98.21
60.0 - 75.0	1	72.00	0.36	98.57
75.0 - 90.0	2	83.00	0.72	99.28
90.0 - 105.0	0	0.00	0.00	99.28
105.0 - 120.0	0	0.00	0.00	99.28
120.0 - 135.0	1	127.00	0.36	99.64
135.0 - 150.0	0	0.00	0.00	99.64
150.0 - 165.0	0	0.00	0.00	99.64
165.0 - 180.0	0	0.00	0.00	99.64
180.0 - 195.0	0	0.00	0.00	99.64
195.0 - 210.0	0	0.00	0.00	99.64
210.0 - 225.0	0	0.00	0.00	99.64
225.0 - 240.0	0	0.00	0.00	99.64
240.0 - 255.0	0	0.00	0.00	99.64
255.0 - 270.0	0	0.00	0.00	99.64
270.0 - 285.0	0	0.00	0.00	99.64
285.0 - 300.0	0	0.00	0.00	99.64
300.0 - 315.0	0	0.00	0.00	99.64
315.0 - 330.0	0	0.00	0.00	99.64
330.0 - 345.0	0	0.00	0.00	99.64
345.0 - 360.0	0	0.00	0.00	99.64
360.0 - 375.0	1	366.00	0.36	100.00

	For Statistics	For All Data
Number Of Samples :	279	279
Arithmetic Mean :	10.05	N/A
Standard Deviation :	24.81	N/A
Minimum Value :	2.00	2.00
Maximum Value :	366.00	366.00

FILES USED FOR STATISTICS

A&M88277.1

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3B1
Ph:(604)299-6910 Fax:299-6252

STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : AS
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CLASS INTERVAL	CLASS FREQUENCY	CLASS MEAN	REL. FREQUENCY	CUM. FREQUENCY
0.0 - 4.0	76	2.38	27.44	27.44
4.0 - 8.0	100	5.15	36.10	63.54
8.0 - 12.0	53	9.04	19.13	82.67
12.0 - 16.0	17	13.24	6.14	88.81
16.0 - 20.0	14	17.14	5.05	93.86
20.0 - 24.0	6	21.17	2.17	96.03
24.0 - 28.0	1	25.00	0.36	96.39
28.0 - 32.0	3	28.33	1.08	97.47
32.0 - 36.0	0	0.00	0.00	97.47
36.0 - 40.0	1	38.00	0.36	97.83
40.0 - 44.0	0	0.00	0.00	97.83
44.0 - 48.0	1	45.00	0.36	98.19
48.0 - 52.0	0	0.00	0.00	98.19
52.0 - 56.0	1	54.00	0.36	98.56
56.0 - 60.0	1	58.00	0.36	98.92
60.0 - 64.0	0	0.00	0.00	98.92
64.0 - 68.0	0	0.00	0.00	98.92
68.0 - 72.0	0	0.00	0.00	98.92
72.0 - 76.0	1	72.00	0.36	99.28
76.0 - 80.0	0	0.00	0.00	99.28
80.0 - 84.0	1	81.00	0.36	99.64
84.0 - 88.0	1	85.00	0.36	100.00
88.0 - 92.0	0	0.00	0.00	100.00
92.0 - 96.0	0	0.00	0.00	100.00
96.0 - 100.0	0	0.00	0.00	100.00

	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	8.34	N/A
Standard Deviation :	10.41	N/A
Minimum Value :	2.00	2.00
Maximum Value :	85.00	366.00

FILES USED FOR STATISTICS

A&M88277.1

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

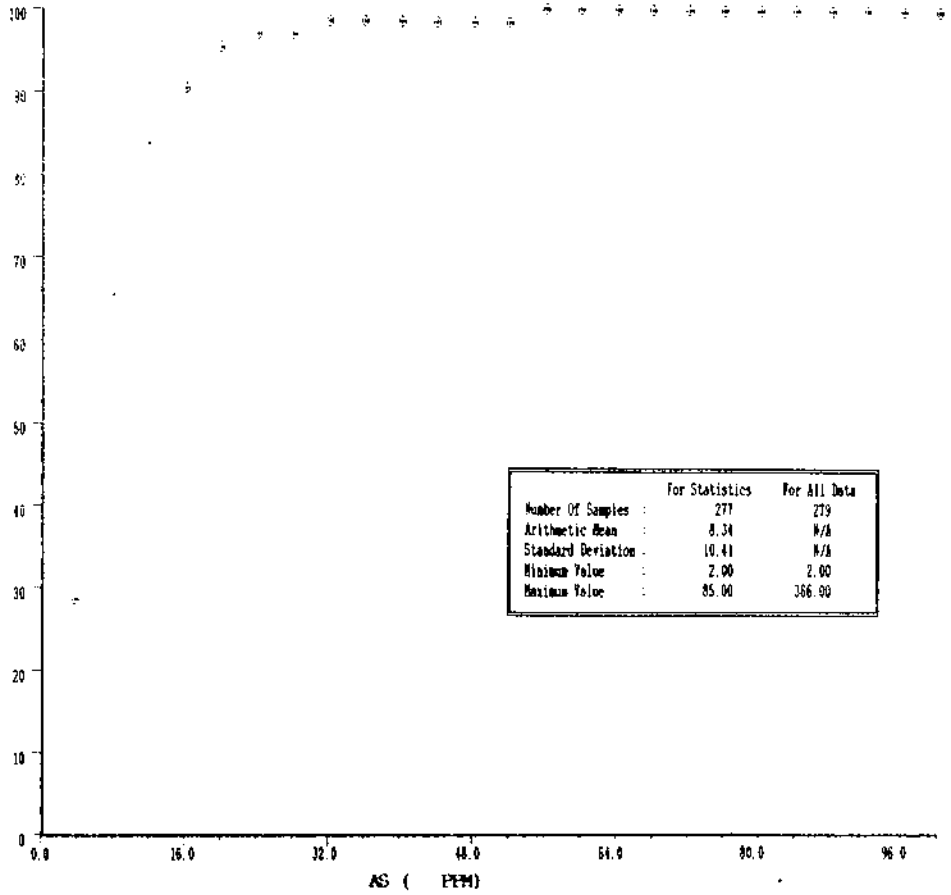
STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : AS
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CUMULATIVE FREQUENCY HISTOGRAM



	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	8.34	N/A
Standard Deviation :	10.41	N/A
Minimum Value :	2.00	2.00
Maximum Value :	85.00	366.00

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

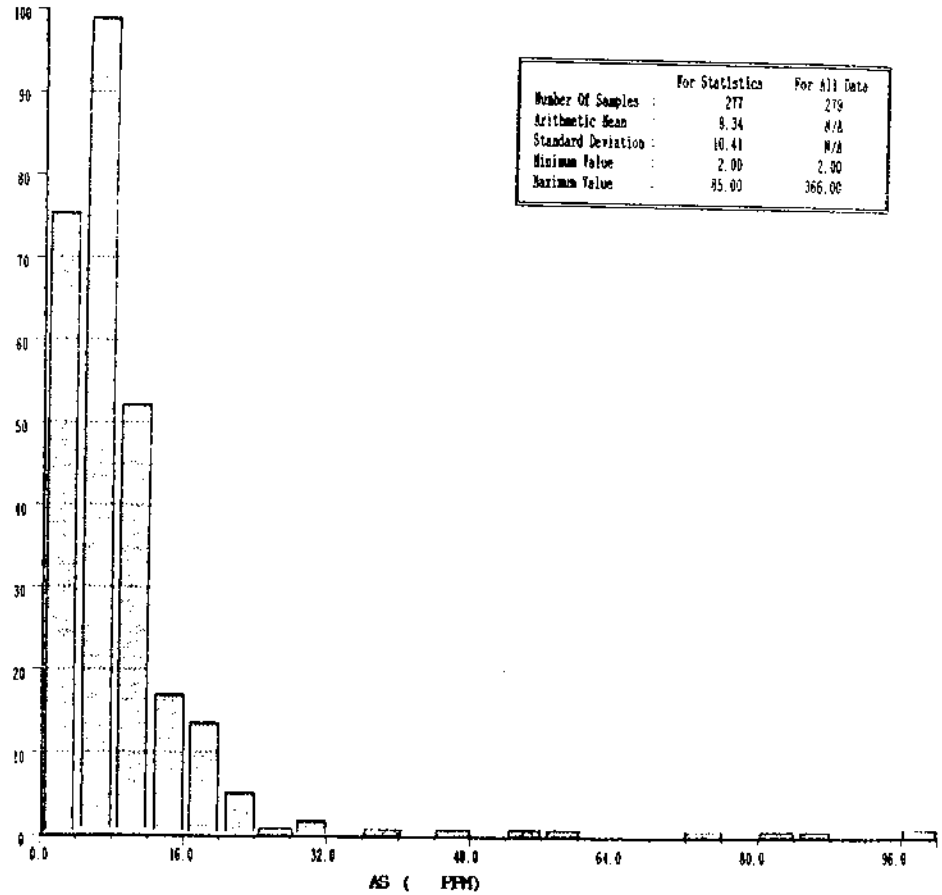
STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : AS
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

FREQUENCY HISTOGRAM



	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	8.34	N/A
Standard Deviation :	10.41	N/A
Minimum Value :	2.00	2.00
Maximum Value :	85.00	366.00

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : CU
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CLASS INTERVAL	CLASS FREQUENCY	CLASS MEAN	REL. FREQUENCY	CUM. FREQUENCY
0.0 - 9.0	141	6.23	50.90	50.90
9.0 - 18.0	74	11.53	26.71	77.62
18.0 - 27.0	13	20.92	4.69	82.31
27.0 - 36.0	17	31.00	6.14	88.45
36.0 - 45.0	11	40.64	3.97	92.42
45.0 - 54.0	6	47.67	2.17	94.58
54.0 - 63.0	6	58.00	2.17	96.75
63.0 - 72.0	0	0.00	0.00	96.75
72.0 - 81.0	2	75.50	0.72	97.47
81.0 - 90.0	0	0.00	0.00	97.47
90.0 - 99.0	1	93.00	0.36	97.83
99.0 - 108.0	1	104.00	0.36	98.19
108.0 - 117.0	0	0.00	0.00	98.19
117.0 - 126.0	0	0.00	0.00	98.19
126.0 - 135.0	0	0.00	0.00	98.19
135.0 - 144.0	0	0.00	0.00	98.19
144.0 - 153.0	1	144.00	0.36	98.56
153.0 - 162.0	1	160.00	0.36	98.92
162.0 - 171.0	0	0.00	0.00	98.92
171.0 - 180.0	1	178.00	0.36	99.28
180.0 - 189.0	1	182.00	0.36	99.64
189.0 - 198.0	0	0.00	0.00	99.64
198.0 - 207.0	0	0.00	0.00	99.64
207.0 - 216.0	1	214.00	0.36	100.00
216.0 - 225.0	0	0.00	0.00	100.00

	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	17.47	N/A
Standard Deviation :	26.48	N/A
Minimum Value :	4.00	4.00
Maximum Value :	214.00	474.00

FILES USED FOR STATISTICS

AAM88277.1

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : CU
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CLASS INTERVAL	CLASS FREQUENCY	CLASS MEAN	REL. FREQUENCY	CUM. FREQUENCY
0.0 - 20.0	219	8.25	78.49	78.49
20.0 - 40.0	31	29.48	11.11	89.61
40.0 - 60.0	16	48.19	5.73	95.34
60.0 - 80.0	4	67.75	1.43	96.77
80.0 - 100.0	1	93.00	0.36	97.13
100.0 - 120.0	1	104.00	0.36	97.49
120.0 - 140.0	0	0.00	0.00	97.49
140.0 - 160.0	1	144.00	0.36	97.85
160.0 - 180.0	2	169.00	0.72	98.57
180.0 - 200.0	1	182.00	0.36	98.92
200.0 - 220.0	1	214.00	0.36	99.28
220.0 - 240.0	0	0.00	0.00	99.28
240.0 - 260.0	0	0.00	0.00	99.28
260.0 - 280.0	1	271.00	0.36	99.64
280.0 - 300.0	0	0.00	0.00	99.64
300.0 - 320.0	0	0.00	0.00	99.64
320.0 - 340.0	0	0.00	0.00	99.64
340.0 - 360.0	0	0.00	0.00	99.64
360.0 - 380.0	0	0.00	0.00	99.64
380.0 - 400.0	0	0.00	0.00	99.64
400.0 - 420.0	0	0.00	0.00	99.64
420.0 - 440.0	0	0.00	0.00	99.64
440.0 - 460.0	0	0.00	0.00	99.64
460.0 - 480.0	1	474.00	0.36	100.00
480.0 - 500.0	0	0.00	0.00	100.00

	For Statistics	For All Data
Number Of Samples :	279	279
Arithmetic Mean :	20.01	N/A
Standard Deviation :	40.87	N/A
Minimum Value :	4.00	4.00
Maximum Value :	474.00	474.00

FILES USED FOR STATISTICS

AAM88277.1

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2225 S. Springer Ave., Burnaby,
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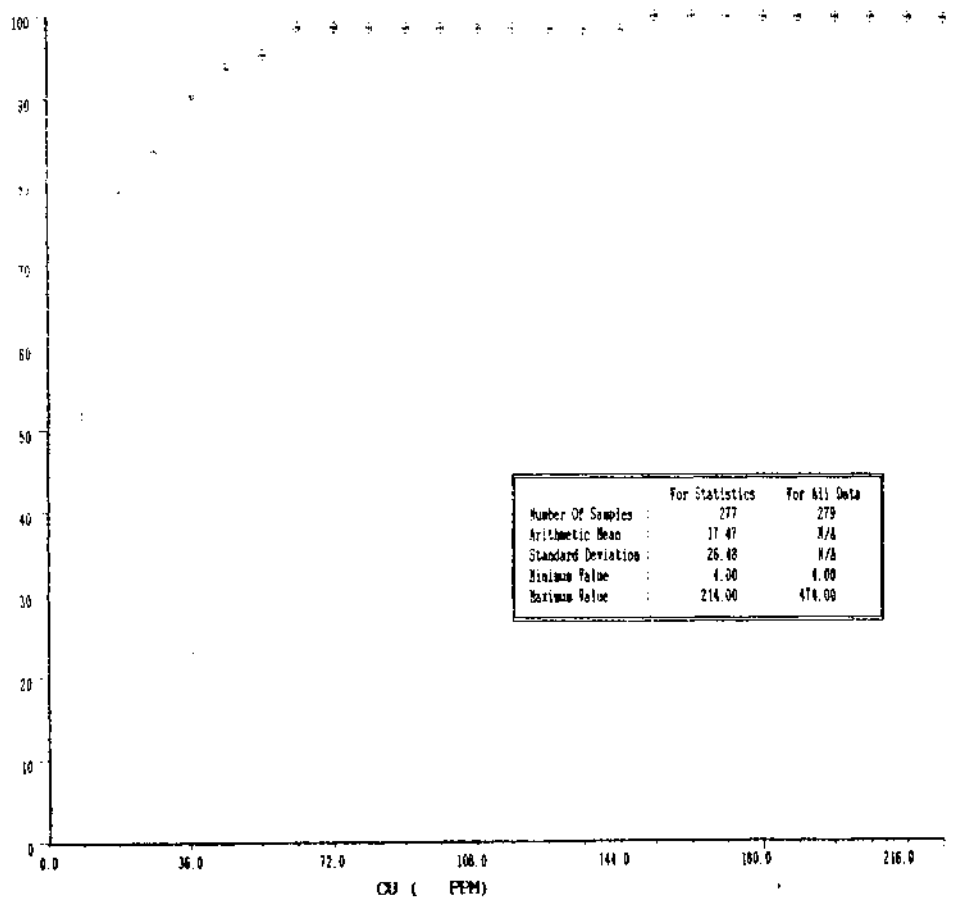
STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : CU
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CUMULATIVE FREQUENCY HISTOGRAM



	For Statistics	For All Data
Number Of Samples	277	279
Arithmetic Mean	17.47	N/A
Standard Deviation	26.48	N/A
Minimum Value	4.00	4.00
Maximum Value	214.00	474.00

ROSSBACHER LABORATORY LTD.

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British Columbia, Can. V5B 3B1
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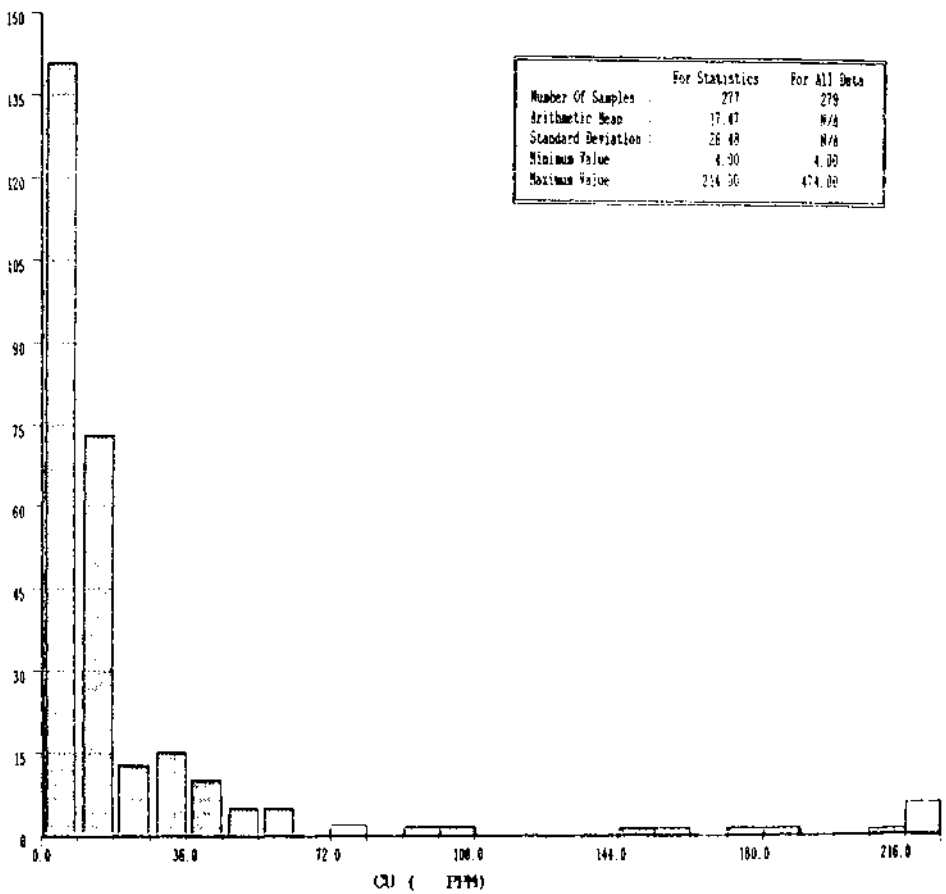
STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : CU
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

FREQUENCY HISTOGRAM



	For Statistics	For All Data
Number Of Samples	277	279
Arithmetic Mean	17.47	N/A
Standard Deviation	26.48	N/A
Minimum Value	4.00	4.00
Maximum Value	214.00	474.00

ROSSBACHER LABORATORY LTD.

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British Columbia, Can. V5B 3N1
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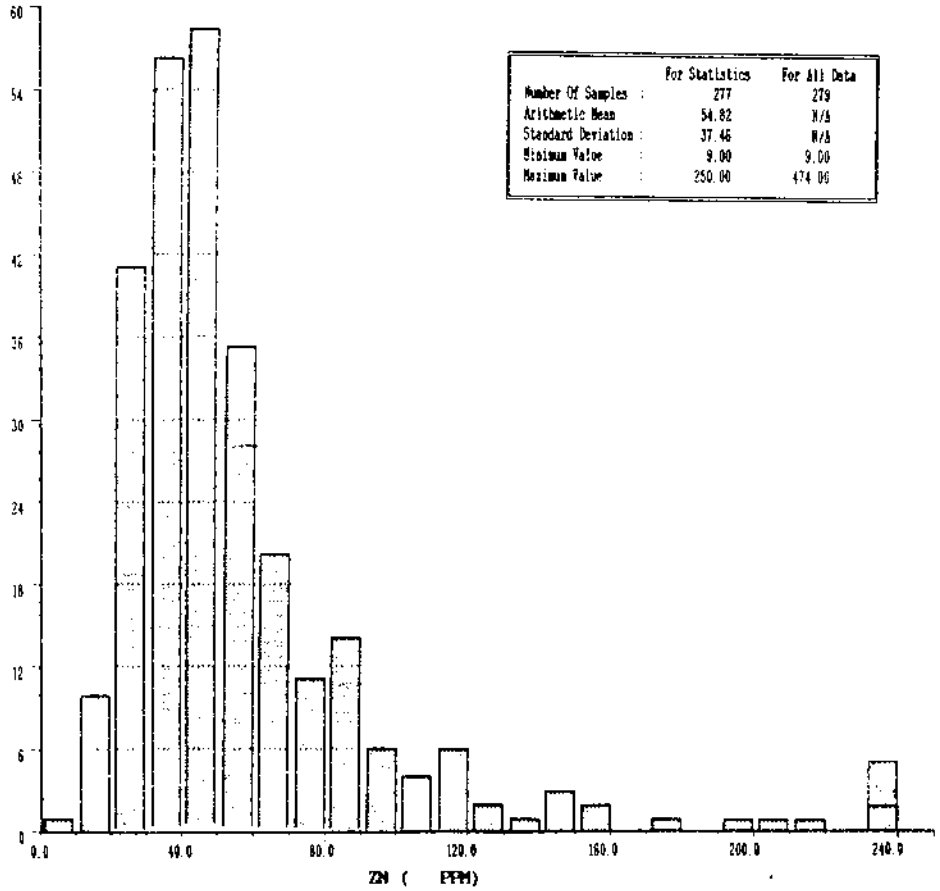
STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : ZN
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

FREQUENCY HISTOGRAM



	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	54.82	N/A
Standard Deviation :	37.46	N/A
Minimum Value :	9.00	9.00
Maximum Value :	250.00	474.00

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STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : ZN
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CLASS INTERVAL	CLASS FREQUENCY	CLASS MEAN	REL. FREQUENCY	CUM. FREQUENCY
0.0 - 10.0	1	9.00	0.36	0.36
10.0 - 20.0	10	15.40	3.61	3.97
20.0 - 30.0	41	25.93	14.80	18.77
30.0 - 40.0	56	34.45	20.22	38.99
40.0 - 50.0	58	44.03	20.94	59.93
50.0 - 60.0	35	53.69	12.64	72.56
60.0 - 70.0	20	64.10	7.22	79.78
70.0 - 80.0	11	76.18	3.97	83.75
80.0 - 90.0	14	83.79	5.05	88.81
90.0 - 100.0	6	95.17	2.17	90.97
100.0 - 110.0	4	103.50	1.44	92.42
110.0 - 120.0	6	114.83	2.17	94.58
120.0 - 130.0	2	122.50	0.72	95.31
130.0 - 140.0	1	132.00	0.36	95.67
140.0 - 150.0	3	146.00	1.08	96.75
150.0 - 160.0	2	155.50	0.72	97.47
160.0 - 170.0	0	0.00	0.00	97.47
170.0 - 180.0	1	177.00	0.36	97.83
180.0 - 190.0	0	0.00	0.00	97.83
190.0 - 200.0	1	192.00	0.36	98.19
200.0 - 210.0	1	200.00	0.36	98.56
210.0 - 220.0	1	218.00	0.36	98.92
220.0 - 230.0	0	0.00	0.00	98.92
230.0 - 240.0	2	234.00	0.72	99.64
240.0 - 250.0	0	0.00	0.00	99.64

	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	54.82	N/A
Standard Deviation :	37.46	N/A
Minimum Value :	9.00	9.00
Maximum Value :	250.00	474.00

FILES USED FOR STATISTICS

A&M88277.I

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby
British Columbia, Can. V5B 3B1
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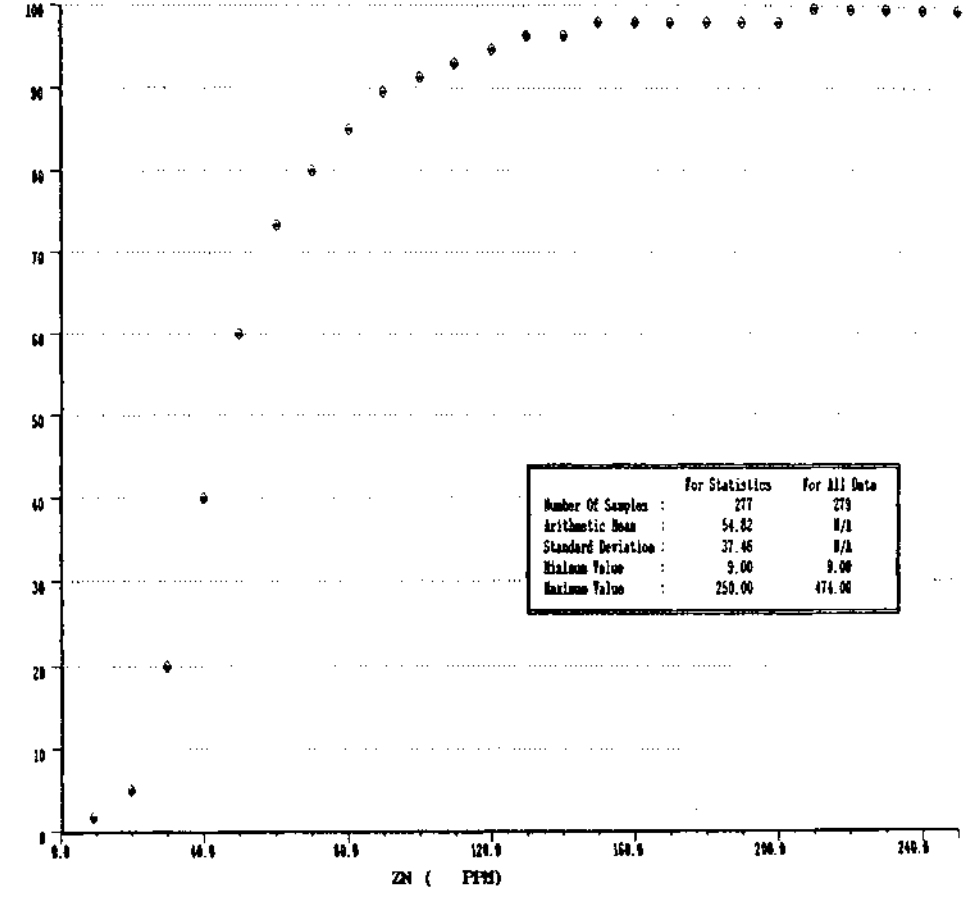
STATISTICAL REPORT

TO : A&M EXPLORATION LTD.
#714-850 W. HASTINGS ST.
VANCOUVER, B.C.

ELEMENT : ZN
SAMPLE TYPE : SOIL

CERTIFICATE # : 88277
INVOICE # : N.A
DATE ENTERED : 89-01-17
PROJECT : 469

CUMULATIVE FREQUENCY HISTOGRAM



	For Statistics	For All Data
Number Of Samples :	277	279
Arithmetic Mean :	54.82	N/A
Standard Deviation :	37.46	N/A
Minimum Value :	9.00	9.00
Maximum Value :	250.00	474.00

APPENDIX III

Affidavit of Expenses

AFFIDAVIT OF EXPENSES

This will certify that geological and geochemical surveys were carried out on the G.G. West, G.G. West 1 and G.G. North mineral claims, Lillooet Mining Division, during the period of September 22 to October 4, 1988, to the value of the following:

Mobilization and Fieldwork

Salaries		
D.G. Allen		$ 1,350.00
J. Dunkley		3,850.00
M. Yam		2,640.00
S. Travis		200.00
Analyses	279 soil samples @ $12.75/sample	3,557.25
	72 rock samples @ $15.25/sample	1,098.00
Transportation		
Vehicle rental	13 days @ $50/day	650.00
Mileage	750 kilometres @ $0.15/km	112.50
Gas and oil		169.11
Room and board		990.70
Field supplies		73.26
Helicopter		373.20
Report		4,180.00
	TOTAL	**$19,244.02**
+ G.G. Fraction		755.98
		20 000.00

TK

D. G. Allen,
P. Eng. (B.C.)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

18,307

LEGEND

BEDDED ROCKS

TRIASSIC

CADWALLADER GROUP

4 — HURLEY FORMATION: soft brown and green argillites, siliceous and calcareous argillites with sandstone and conglomerate, 4b limestone, 4c volcaniclastics.

3 — NOEL FORMATION: mainly black argillite and siltstone with some calcareous zones.

2 — PIONEER FORMATION: 2a basaltic pillow lava, 2b aquagene breccia, 2c amygdaloidal lava

PALEOZOIC

1 — FERGUSSON GROUP: 1a mostly chert, 1b ranging to biotite quartz gneiss 1c some marble bands, 1d fine grained amphibolite.

IGNEOUS INTRUSIONS

MESOZOIC

B — ULTRABASIC ROCKS: periodotite, serpentine

PALEOZOIC

A — BRALORNE INTRUSIONS.

Geological contact, approximate, inferred.

Outcrop.

Fault

50° Bedding: strike and dip.

Highway, Road.

Creek.

1988 Survey grid.

Topographic contours, Contour interval 100 feet.

Legal corner post, Claim boundary.

R28 / 400 / 806804 — Sample site, Sample number: Values plotted where anomalous.

NOTE: Geology modified in part after Church & Maclean(1987)

SCALE 300 0 300 METRES / 1000 0 1000 FEET — 1 : 10,000

CHALICE MINING INC.

GG CLAIMS

LILLOOET MINING DIVISION -- BRITISH COLUMBIA

GEOLOGICAL AND GEOCHEMICAL MAP

DECEMBER 1988 N.T.S. 92 J /15

Donald G. Allen A&M exploration ltd.

FIGURE 6