

825351

RAM EXPLORATIONS LTD.

**SUMMARY REPORT  
AND  
PROPOSED EXPLORATION PROGRAM**

**AMERICAN MINE CLAIM GROUP  
SLOCAN MINING DIVISION  
SOUTH EASTERN BRITISH COLUMBIA**

**Longitude = 117° 03'W**

**Latitude = 50° 33'N**

**NTS = 82K11W**

**Reverted Crown Grants**

**Butt Fr. No. 1 and No. 2, Record Nos. 1046 and 1047**

**Bonanza King, Record No. 1048**

**Gallant Boy, Record No. 1049**

**Harlock, Record No. 1050**

**Butt, Record No. 1051**

**Mineral Claims**

**Kozy, Record No. 2586**

**Owner/Operator: Camborne Resources Ltd.**

**Reported By: M. Magrum, P.Eng.**

**C. von Einsiedel, B.Sc.**

**Submitted: July 15, 1987**

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TERMS OF REFERENCE  
AND  
INTRODUCTION

## TERMS OF REFERENCE

Pursuant to a joint venture agreement effective June 15, 1987, Camborne Resources Ltd. acquired an option to earn a 100% interest in 26 reverted crown grants and mineral claims located near Gerrard in southeastern B.C. The property covers several known polymetallic mineral occurrences including the former Gallant Boy and Butte workings and is classed as a "grass roots" prospect.

The claims are of interest because they cover parts of a complex fault zone (termed the Central Mineral Belt) which hosts several past producing mines and recently developed prospects. Of particular interest is a new discovery by Windflower Mines situated at the northwestern end of the Central Belt (published reserves as at November 30, 1986 were estimated at 200,000 tons grading 0.30 oz./ton gold).

On the basis of this information, Camborne Resources commissioned Ram Exploration to conduct an evaluation of the property and, if warranted, make recommendations for continued exploration.

## INTRODUCTION

During June 1987 an exploration program was carried out consisting of road rehabilitation and new road construction; geological mapping, rehabilitation and sampling of various underground workings; orientation soil/talus geochemical surveys; and orientation geophysical surveys. In addition, previous operators' technical data was compiled and correlated with updated ground control survey plans.

This report describes results of these surveys and outlines recommendations for continued exploration.

**SUMMARY AND**  
**RECOMMENDATIONS**

## SUMMARY AND RECOMMENDATIONS

The American Mine option consists of 26 reverted crown grants and mineral claims covering an area approximately 2.0 kilometres long and 2.5 kilometres wide located roughly five kilometres north of Gerrard. The property is located within the "Central" or "Camborne" Mineral Belt, the most important of a series of parallel belts of polymetallic mineral occurrences collectively referred to as the Trout Lake Mining District.

Geological mapping by Read, 1974 (GSC Map Nos. 432 and 464) shows that the Trout Lake District forms the northern terminus of the Kootenay Arc, an important metallogenic province which hosts most of the well known lead-zinc-silver (gold) camps of the western cordillera. Rocks within the project area comprise complexly folded metasediments and metavolcanics belonging to the Lardeau Group (Fyles, 1962).

The property is of interest primarily because of its location within the Central Mineral Belt. This Belt extends roughly 60 kilometres beginning several kilometres west of Camborne and continuing southeast past Gerrard.

Throughout the belt, over 200 polymetallic sulphide occurrences are known. These include the recent Windflower mines discovery near Camborne, the Spider/Eclipse Mine, the True Fissure Deposit, the Nettie Lake Mine and the Silver Cup Mine. All of these prospects occur in close proximity to a major northwest trending fault zone typically near junctions with cross structures (northeast trending faults).

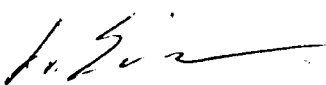
Published historical records document exploration of several occurrences on the American Claim Group including "fissure" veins (MMAR - selected samples assayed 0.39 oz./ton gold, 27.0 oz./ton silver, and 20% combined lead/zinc) and "formation" leads or bedded deposits (samples of which assayed 0.02 oz./ton gold, 18.0 oz./ton silver with 30% combined lead/zinc).

The present exploration program was designed to identify known occurrences and provide reconnaissance scale geological data. As part of this program, the access road from Gerrard was rehabilitated and several kilometres of new roads were constructed to facilitate access for follow-up surveys.

Two principal areas of mineralization were identified, Haskins Creek Basin which includes the former Gallant Boy mine workings and Bonanza Creek Basin which covers several trenches and short adits termed the Butte workings. These occurrences comprise quartz and quartz carbonate filled graphitic shear zones (one to five metres in width) variably mineralized with galena, pyrite, sphalerite and free gold. One sample (No. 7 QTZ-GRAPHITE) returned 4,285 ppb gold (0.113 oz./ton) across 2.0 metres of quartz lightly mineralized with galena and pyrite.

Geological mapping established that the claims are situated in a complex environment consisting of northwest striking volcanic and sedimentary rocks crosscut by several fault structures and intruded by coarsely crystalline diorite. This type of environment is very favourable for the localization of precious and base metal deposits and it is recommended that additional exploration be carried out. A two phase program is suggested consisting of additional geochemical and geophysical surveys followed by a short hole drilling program at an estimated cost of \$160,000.

Respectfully submitted,



C. von Einsiedel, B.Sc.  
Consulting Geologist





SECTION 1  
PROPOSED EXPLORATION  
PROGRAM

### 1.1 Exploration Targets (please refer to Figure No. 5)

Exploration to date of the American Mine area confirms that the claim group hosts polymetallic mineralization similar to that developed at many important prospects along the Central Mineral Belt. This mineralization is typically localized near the junction of northeast and northwest trending fault zones. The objective of the proposed Phase 1 program will be to identify principal fault structures and to assess each of these structures by geochemical prospecting methods.

Phase 2 will be a follow-up program consisting of trenching designed to test overburden covered extensions of known mineralization and to evaluate geochemical anomalies identified during Phase 1. Pending results of the trenching program, an allowance is made for 500 metres of diamond drilling.

The total estimated cost of Phase 1 and 2 exploration is \$160,000. On completion of this program, a decision will be made whether to proceed with additional drilling of known targets.

#### Phase 1

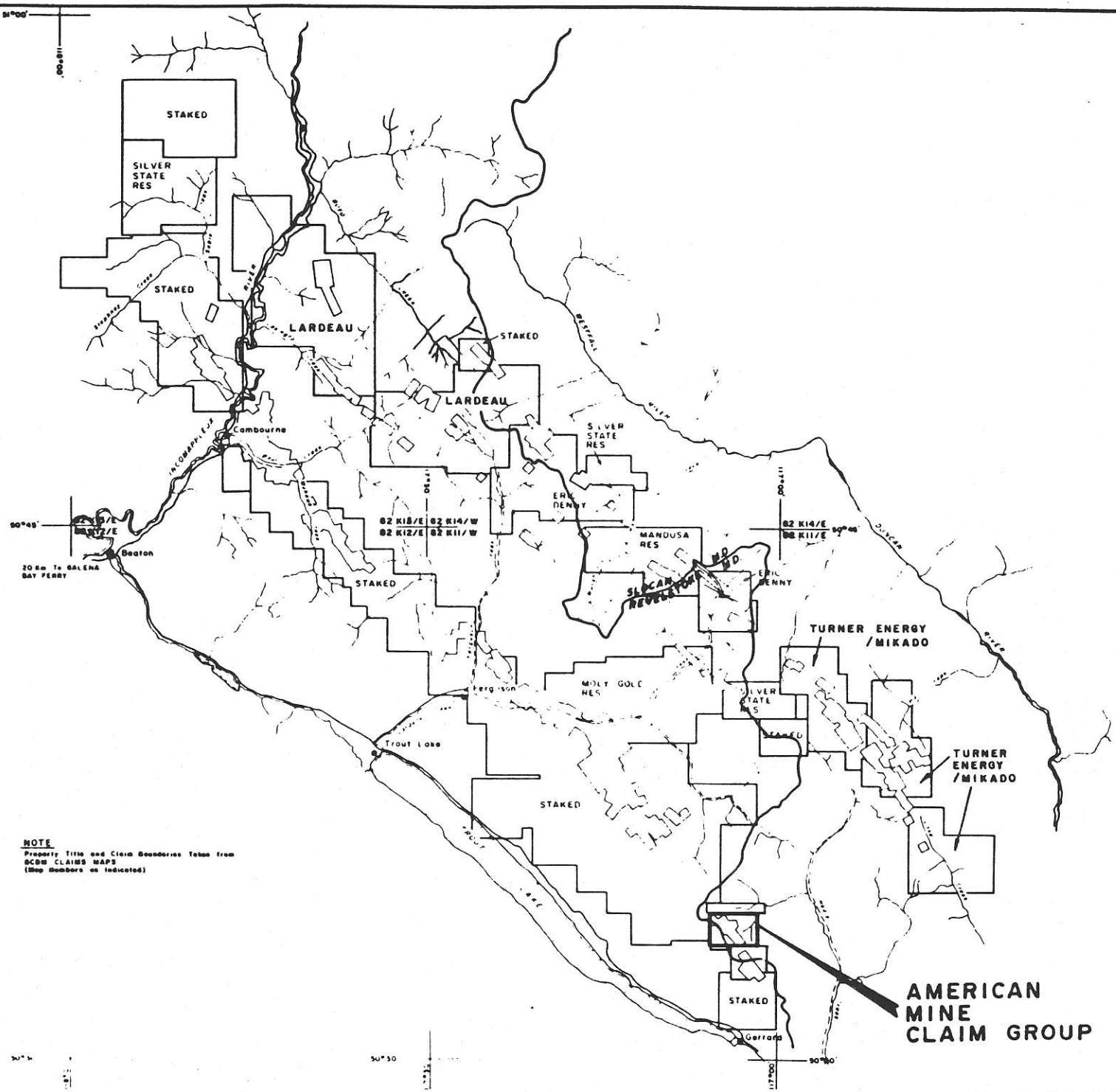
Engineering/Supervision/Reports	\$ 7,500
Grid Establishment	
- allow 25 line km @ 300.00	7,500
Geophysical Surveys	
- 25 line km @ 400.00	10,000
Geochemical Surveys	
- allow 250 samples @ 20.00	5,000
Tracked Equipment Support	15,000
Assays	5,000
Contingency	<u>10,000</u>
Total	\$ 60,000

Phase 2

Engineering/Supervision/Reports	\$ 10,000
Trenching and Tracked Equipment Support	25,000
Diamond Drilling - 500 metres @ 100.00 (inclusive)	50,000
Contingency	<u>15,000</u>
	\$100,000

The total estimated cost of this program is \$160,000.

SECTION 2 - GENERAL

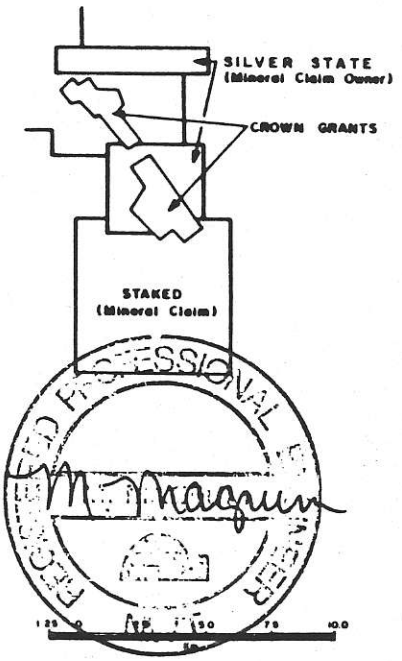


**NOTE**  
 Property Title and Claim Boundaries Taken from  
 BCMB CLAIMS MAPS  
 (Map Numbers as Indicated)



**LEGEND**

- All Weather Road.
- - - Cut Track (Not Maintained)



CAMBORNE RESOURCES LTD.  
 AMERICAN MINE CLAIM GROUP  
 SLOCAN MINING DIVISION - B.C.

**PROPERTY LOCATION  
 MAP**

RAM EXPLORATIONS LTD. 0589 P  
 VANCOUVER B.C. CHE 2 P18 80  
 DATE: 7. 1987 1

## 2.1 Property Location, Access, Ownership

The American Mine Claim Group consists of one 20 unit mineral claim covering six contiguous reverted crown grants situated in the Selkirk Mountains north of Gerrard in southeastern B.C. The geographic centre of the claim area is approximately longitude 117°03', latitude 50°33'.

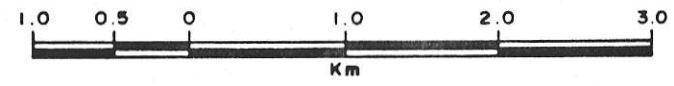
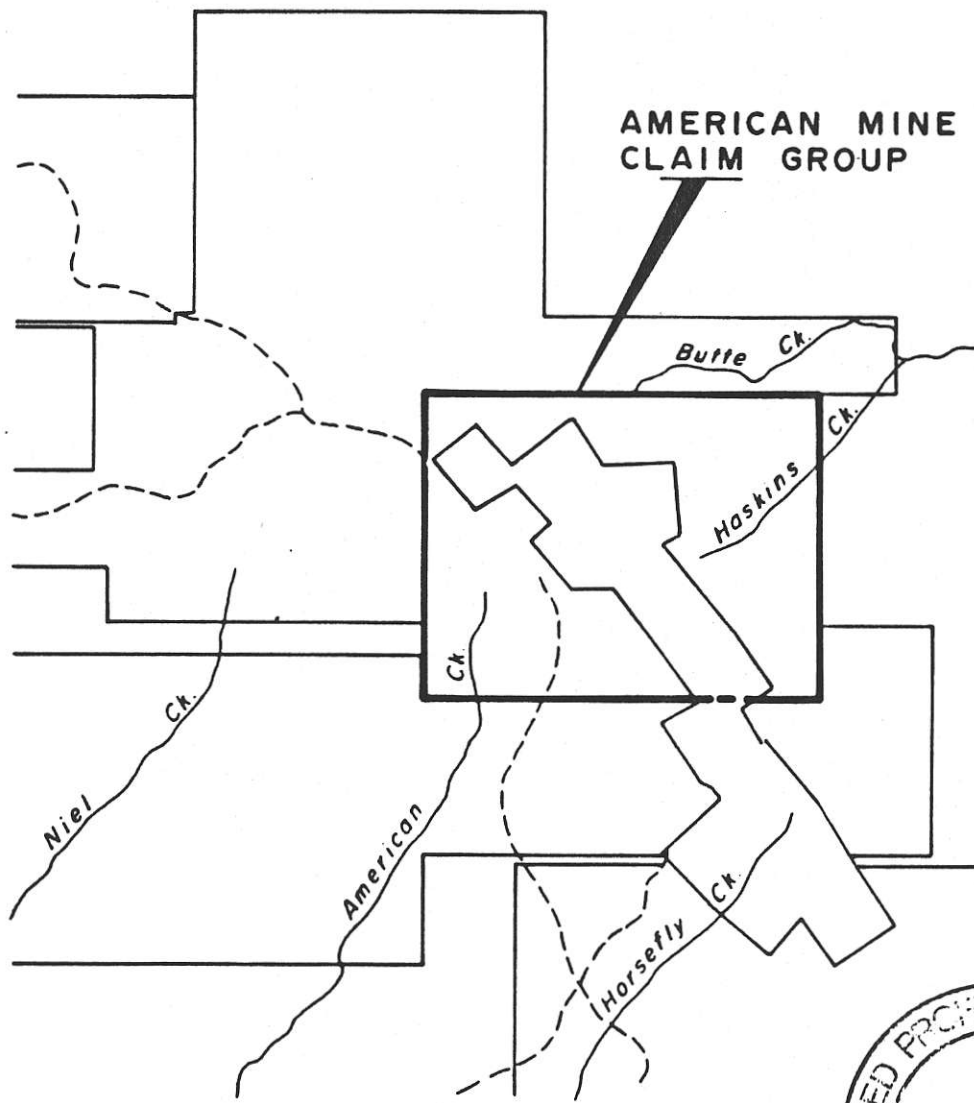
Access to the Trout Lake area is by paved highway from Revelstoke or Nakusp. Access to Gerrard is via government maintained gravel roads from either Trout Lake or Kaslo.

Access to the claim area is via a moderately steep 0 x 4 track which extends north from Gerrard roughly 12 kilometres to the southern boundary of the property. As part of the present exploration program, several steep sections of the access road were relocated and an additional five kilometres of spur roads were constructed to access various parts of the property.

The claims straddle a northwest striking ridge with elevations ranging from 4,500 feet at the southern claim boundary to peaks of 7,650 feet in the central part of the property. Three drainage systems subdivide the property; Haskins and Bonanza Creeks drain north from the property and American Creek drains to the south.

Title is recorded on Mineral Title Reference Map No. 82K11E as follows:

<u>Claim Name</u>	<u>Record No.</u>	<u>No. of Units</u>	<u>Expiry Date</u>	<u>Owner</u>
Butt Fr. No. 1	1046	1	December 5, 1987	W.M. Kozun
Butt Fr. No. 2	1047	1	December 5, 1987	W.M. Kozun
Bonanza King	1048	1	December 5, 1987	W.M. Kozun
Gallant Boy	1049	1	December 5, 1987	W.M. Kozun
Harlock	1050	1	December 5, 1987	W.M. Kozun
Butt	1051	1	December 5, 1987	W.M. Kozun
Kozy	2586	20	June 23, 1988	W.M. Kozun



**CAMBORNE RESOURCES LTD.**  
**AMERICAN MINE CLAIM GROUP**  
 SLOCAN MINING DIVISION — BRITISH COLUMBIA

**CLAIM MAP**

RAM EXPLORATIONS LTD.  
 VANCOUVER, B.C.

DWN. BY: T.M.  
 CHK. BY:  
 DATE: JULY, 1987

FIG. No.  
**IA**

## 2.2 Regional Geology and Exploration Model (please refer to Figure No. 3)

The regional geology of the Trout Lake District was recently described by Rose (1972) and Read (1976).

The district is located near the northern end of the Kootenay Arc, an arcuate belt of complexly folded metasediments and metavolcanics which extend from northern Washington to Revelstoke in southeastern British Columbia. The Kootenay Arc hosts many of the well known Pb-Zn-Ag camps of the eastern Cordillera and is considered an important control in localization of this type of mineralization.

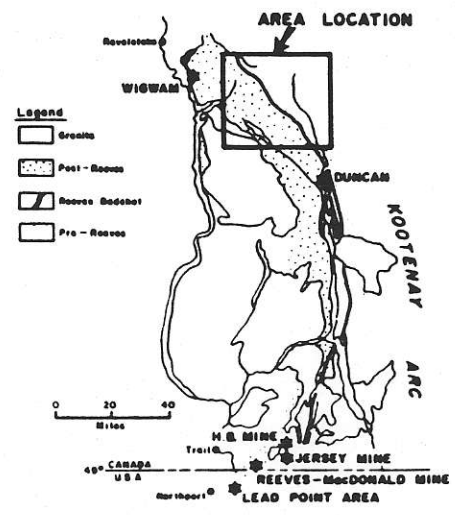
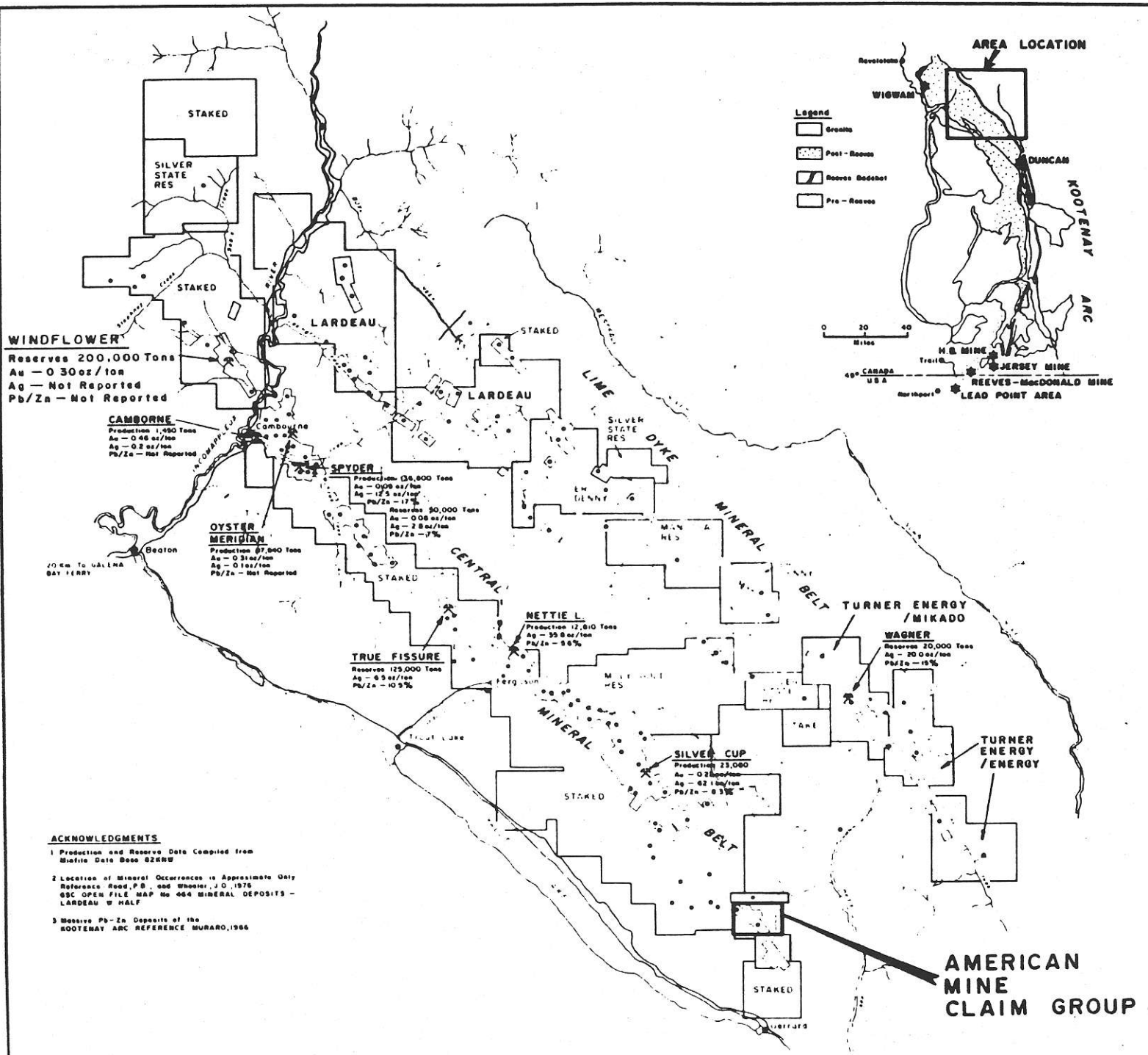
In the vicinity of Trout Lake, the rocks of the Kootenay Arc are dominated by complicated vertical folds which strike northwest and plunge 20 - 40° to the northwest. One of the more prominent folds is the Silver Cup Anticline, a broad, variably plunging, isoclinally folded structure which extends for over 70 kilometres (from Gerrard in the southeast to Scott Creek west of the Incomappleux River; Granges - Windflower discovery area).

Rocks within the Silver Cup fold comprise argillites, siliceous argillites, quartzites and chlorite schists belonging to the Lardeau Group (Broadview, Ajax-Sharon Creek and Jowett Formations). Along this structure, a practically continuous, northwest striking axial fault system has been developed, individual sections of which may be traced up to several kilometres.

Local exploration by various operators demonstrates that mineralization is localized in two principal environments:

- 1) where dilation zones are developed along these fault structures (i.e., breccia zones at argillite/quartzite contacts) or
- 2) where these fault zones or smaller subsidiaries intersect a second prominent faulting direction (northeast orientation).





**LEGEND**

- Mineral Occurrence.
- ▲ Past Producer.

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 AMERICAN MINE CLAIM GROUP  
 SLOCAN MINING DIVISION - B.C.

**MINERAL OCCURRENCE  
 MAP**

RAM EXPLORATIONS LTD	Drp Cm GAL	FIG NO
VANCOUVER BC	LY 1987	2

**WINDFLOWER**  
 Reserves 200,000 Tons  
 Au - 0.30 oz/ton  
 Ag - Not Reported  
 Pb/Zn - Not Reported

**CAMBORNE**  
 Production 1,450 Tons  
 Au - 0.46 oz/ton  
 Ag - 0.2 oz/ton  
 Pb/Zn - Not Reported

**OYSTER MERIDIAN**  
 Production 87,000 Tons  
 Au - 0.31 oz/ton  
 Ag - 0.1 oz/ton  
 Pb/Zn - Not Reported

**SPYDER**  
 Production 36,800 Tons  
 Au - 0.08 oz/ton  
 Ag - 12.5 oz/ton  
 Pb/Zn - 1%

Reserves 50,000 Tons  
 Au - 0.08 oz/ton  
 Ag - 2.8 oz/ton  
 Pb/Zn - 7%

**NETTIE L.**  
 Production 12,810 Tons  
 Au - 55.8 oz/ton  
 Ag - 9.6%

**TRUE FISSURE**  
 Reserves 125,000 Tons  
 Ag - 6.5 oz/ton  
 Pb/Zn - 10.5%

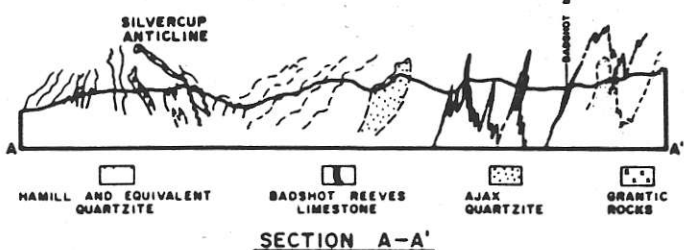
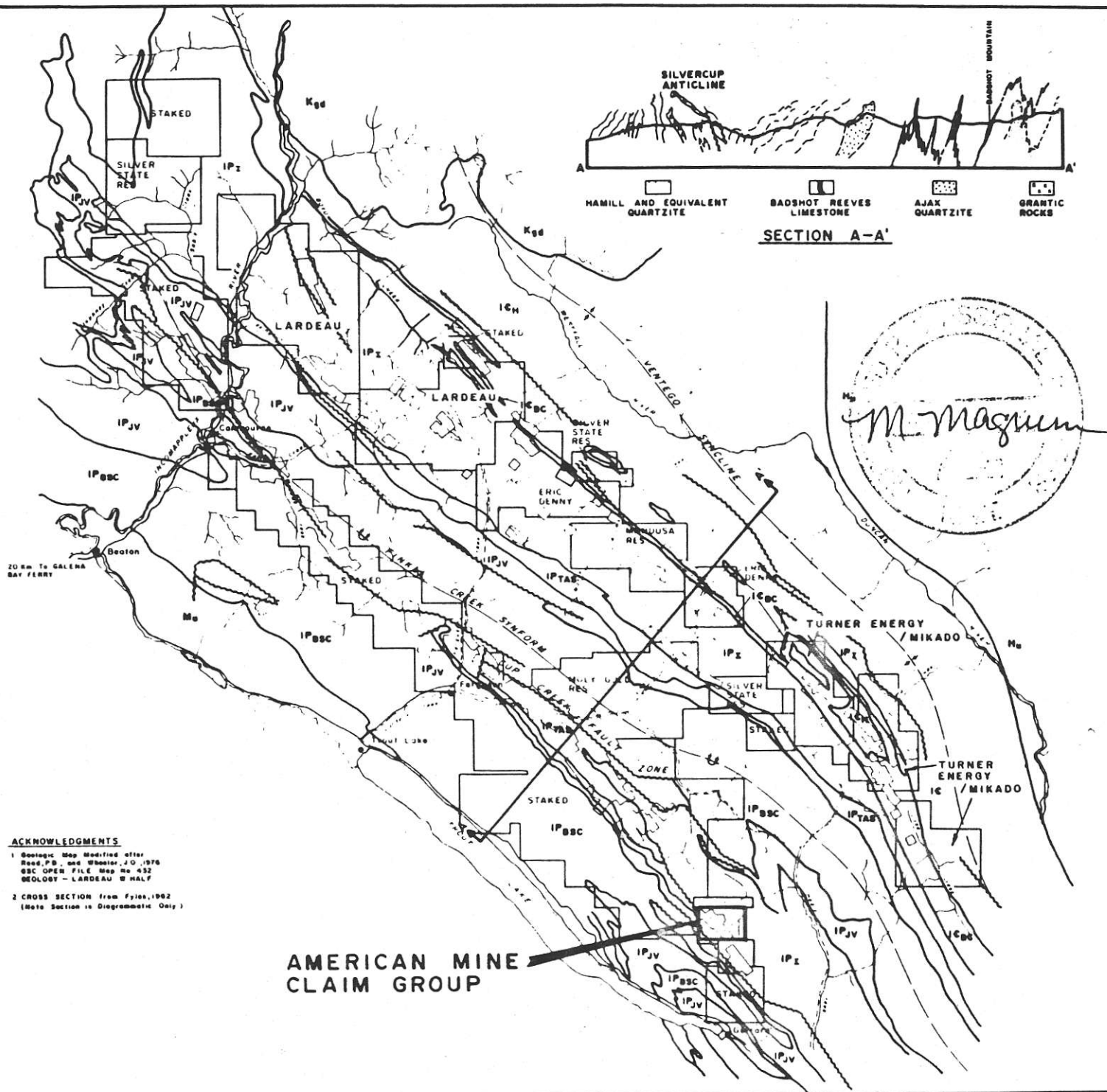
**SILVER CUP**  
 Production 23,000 Tons  
 Au - 0.28 oz/ton  
 Ag - 42.1 oz/ton  
 Pb/Zn - 8.3%

**WAGNER**  
 Reserves 30,000 Tons  
 Ag - 70.0 oz/ton  
 Pb/Zn - 15%

**TURNER ENERGY / ENERGY**

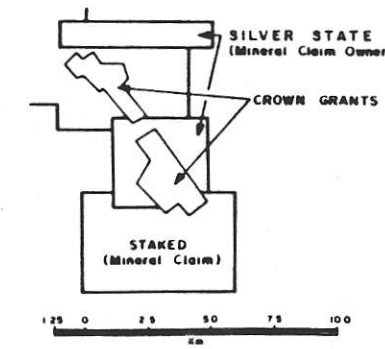
- ACKNOWLEDGMENTS**
- 1 Production and Reserve Data Compiled from British Data Base 8248W
  - 2 Location of Mineral Occurrences is Approximate Only. Reference: Read, P.B., and Wheeler, J.O., 1975. GSC OPEN FILE MAP No 464 MINERAL DEPOSITS - LARDEAU W HALF
  - 3 Massive Pb-Zn Deposits of the KOOTENAY ARC REFERENCE MURARO, 1966

**AMERICAN  
 MINE  
 CLAIM GROUP**



- LEGEND**
- CRETACEOUS**
- Kgd** Battle Range Subgroup - gneodiorite, diorite.
- MISSISSIPPIAN TO PERMIAN**
- Me** Millard Group - phyllite, gill, conglomerate, meta - basalt
- CAMBRIAN TO DEVONIAN**
- LARDEAU GROUP**
- IPbc** Broadlaw Formation - phyllite, greenstone, limestone
  - IPjv** Jovall Formation - clay phyllite, greenstone
  - IPta** Triane, Aps, Shoran Creek Formations - siliceous phyllite, quartzite, grey - black phyllite
  - IPx** Index Formation - clay phyllite, greenstone, conglomerate, limestone, quartz gill
- CAMBRIAN TO LOWER CAMBRIAN**
- ICbc** Beudantic Formation - limestone
- LOWER CAMBRIAN TO HADRYNIAN**
- ICH** Hamill Group - phyllite, gill, limestone, minor greenstone
- HADRYNIAN**
- Hn** Hazelton Creek Group - sandstone, siltstone, slate, limestone

- SYMBOLS**
- Fault
  - f-f- Axis of Antiform, System
  - t-t- Axis of Antiform, System
  - Geological Contact (Approximate)



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AMERICAN MINE CLAIM GROUP  
SLOCAN MINING DIVISION - BC

**REGIONAL GEOLOGY**

**ACKNOWLEDGMENTS**

1 Geologic Map Modified after  
Reed, P.B. and Wheeler, J.D., 1976  
BSC OPER FILE Map No 432  
GEOLOGY - LARDEAU @ HALP

2 CROSS SECTION from Fyles, 1982  
(Note Section is Diagrammatic Only)

**AMERICAN MINE  
CLAIM GROUP**

### 2.3 Previous Exploration

The first reported exploration of the American Mine Claim area was carried out in 1895. Ministry of Mines' Annual Reports (1895 - 1902) describe several seasons trenching and drifting on a strong lead of galena ore located at the headwaters of Haskins Creek.

In the latest report (MMAR 1902), the No. 3 level (Gallant Boy/American Mine) had been driven for over 100 feet (30 metres) on a continuous lens of massive galena up to one foot wide, assaying 90 ounces in silver with associated gold values.

Later reports (MMAR 1924 - 1930) document exploration conducted in the Bonanza Creek area, namely on the Butt and Butt Fr. claims. Several veins are described including sub-concordant northwest striking "formation leads" and northeast striking "fissure" veins. Mineralization was described as follows: "chiefly galena with associated zinc blende and iron pyrites, the latter mineral containing appreciable gold values. Clean zinc ore occurs in places and at other points the mineralization consists of lead, zinc and iron sulphides disseminated through the gangue which is quartz and altered country rock. A six inch streak of grey copper (tetrahedrite or boulangerite) occurs in quartz on the Butt Fr. No. 2 claim."

In 1984 the Provincial district geologist made an examination of the property and reported the following assays.

<u>Sample Description</u>	<u>Gold Oz/Ton</u>	<u>Silver Oz/Ton</u>	<u>Lead Percent</u>	<u>Zinc Percent</u>
6" pay-streak on footwall open cut on Butte claim (fissure vein)	0.46	4.0	8.0	10.0
6" pay-streak on hangingwall, same cut	0.32	50.0	64.0	Nil
Sacked carbonates from hangingwall, same cut	1.24	22.5	24.0	0.5
Grab sample from milling-ore in formation lead just east of above open cut	0.02	18.0	26.0	12.0

- (10) Diorite, coarse crystalline green calcic hornblende and plagioclase poorly foliated.
- (11) Greenstone, fine chloritic groundmass with poor foliation grading to foliated chlorite-actinolite schist.

The principal mineral showings comprise quartz and quartz carbonate veins localized along fracture zones oriented parallel to the principal jointing direction of 040 to 069 degrees/50 degrees southwest. Mineralization was also noted in close proximity to a major northwest striking shear zone localized within a graphitic phyllite (unit 5). These prospects are subdivided into two geographic areas, Haskins Creek Basin and Bonanza Creek Basin (refer to Figure 4).

The Bonanza Creek showings consist of two separate areas of trenching and prospect tunnelling. The first (located on Lot No. 14176) consists of several trenches (spaced roughly 50 m apart) driven to test a wide (2.0 - 5.0 metre) sulfide bearing quartz carbonate vein (orientation 055°). These trenches are numbered five to eight to correspond to Burdos Mines numbering system.

To evaluate this mineralization, a total of 26 rock and 33 soil samples were collected and assayed. Trench No. 7 and 8 returned significant values in silver, gold and lead. Samples collected from No. 7 trench returned gold values ranging from 1,060 to 4,285 ppb. The latter sample (No. 7 QTZ GRAPHITE) represents a 2.0 metre chip sample across quartz carbonate material lightly mineralized with pyrite and trace galena.

Trench No. 8 is located approximately 30 metres north of No. 7 and cuts a wider section of vein material (up to 5.0 metres) showing more abundant sulfides and chloritization/albitization of adjacent wallrocks. Samples collected across the vein returned grades of up to (Sample RK 8-1 7.0 m); 3.76 oz./ton silver, 0.072 oz./ton gold and 4.0% lead with elevated arsenic and antimony values.

<u>Sample Description</u>	<u>Gold Oz/Ton</u>	<u>Silver Oz/Ton</u>	<u>Lead Percent</u>	<u>Zinc Percent</u>
6" pay-streak quartz and grey copper in open cut on Butte Fr. No. 2	0.06	116.0	Nil	0.5
Zinc ore from "red fissure" on Butte claim	0.04	0.8	Nil	37.0

More recently, Burdos Mines (1969) completed geochemical, trenching and drilling (769 feet in three holes) programs in the Bonanza Creek area, however, little information concerning results of these surveys is presently available. Local prospectors suggest that work was discontinued as a result of financial difficulties by the operator.

#### 2.4 Property Geology and Description of Mineral Occurrences

The project area is situated on the flank of a gently northwest plunging antiform (Silver Cup Anticline). Beds are shallow dipping on the summit ridge and steepen in dip eastwardly to 70°. Foliation lies at a relatively low angle to bedding. Small scale folding is common in some phyllitic units where foliation is steep.

Several district lithologies are exposed (see Figure No. 4):

- (2) Black quartzite - identified by common quartz stringers, fine to 1 cm banding and sericitic cleavage planes;
- (3) Interbedded grey phyllite and pyritic quartz-sericite schist (locally with chlorite bands);
- (4) Calcareous phyllite with common buff colored calcite laminations, bands and irregular lenses to 3 cm thickness eathers green;
- (5) Graphitic phyllite, soft locally friable with quartz lenses;
- (6) Green to dark dreen phyllite, variably siliceous matavolcanic;
- (7) Green phyllite soft with chlorite porphroldasts no quartz;

SECTION 3  
GEOCHEMICAL AND GEOPHYSICAL  
SURVEYS

Approximately 100 m north of Trench No. 8, the vein intersects a northwest striking sub-concordant shear zone. Down slope from this junction, a short adit (presently caved) was driven along the sub-concordant shear to test quartz carbonate material moderately to heavily mineralized with fine to coarse galena, sphalerite and pyrite. Sample Nos. GR-AM 03, 04 and 05 are character samples representing various types of mineralization. Sample GR-AM 05 returned 32.87 oz./ton silver, 0.084 oz./ton gold, 32.0% lead and 2.0% combined copper and zinc.

Approximately 500 m northwest of the latter prospect, another caved adit (presumably driven on the same structure) was located. Dump material consists of abundant, coarse grained pyrite, fine to coarse galena and minor sphalerite in a quartz or quartz-carbonate gangue. Samples collected from this material (GR-AM 01) returned 50.52 oz./ton silver, 0.104 oz./ton gold and 27.8% combined lead, zinc and copper.

Phase 1 exploration will include additional trenching and stripping of these occurrences.

The Haskins Creek prospect (formerly termed the American Mine and later the Gallant Boy) consists of a series of five adits (4 of which are presently caved) driven to test a northeast striking (050°), sulfide bearing quartz vein localized along a graphitic shear zone graphitic shear zone. These adits cover a vertical range of approximately 500 feet indicating that this mineralization shows good vertical continuity.

Several attempts were made to muck out the caved levels, however, hangingwall material continued to slough into the drift and the attempt was abandoned. No. 1 level was examined and shows a vein from 0.5 to 1.2 metres wide localized along the shear zone. Mineralization consists of both massive and disseminated galena, sphalerite and minor pyrite in a quartz gangue. Several mineralizing episodes are suggested by brecciation and cementation of vein material by quartz and sulfides within the shear zone. Samples collected from this mineralization (i.e., Gallant Boy Grab 04) returned grades of up to 12.15 oz./ton Ag, 0.020 to 0.25 oz./ton gold, 4.3% lead and 8.96% Zn. Elevated copper, cadmium, arsenic and antimony contents were also noted.

REFERENCES

The following maps, publications and reports were used in the compilation of this report.

BCDM, GEM 1973, pp. 94-95.

Geological Survey of Canada, Memoir No. 161, pp. 55-56.

MMAR, 1896, p. 694; 1898, p. 1067; 1899, p. 602; 1901, p. 1019; 1092, p. H141; 1903, p. H126; 1926, p. A274; 1927, p. C295.

Read, P.B., 1976. Geology - Lardeau West Half. GSC Map No. 434.

Read, P.B., 1976. Mineral Deposits - Lardeau West Half. GSC Map No. 464.

Westmin Resources, 1983. Summary Report of 1982 Fieldwork, Mohawk and Related Properties. Westmin Resources Corporate Files.



### **3.1 Survey Description and Results**

**(Please refer to Appendix 2 and Figure No. 3)**

One of the objectives of the present exploration program was to test several prospecting methods to establish the most useful exploration guides.

An orientation geochemical survey was carried out in the area of Trench No. 7 and 8, Bonanza Creek Basin. Soils in this vicinity are very immature comprising roughly 60% angular rock chips (talus) and 40% fine, red brown material.

A total of 31 samples were collected at 10 m intervals along an east-west traverse between Trench No. 7 and 8. Results show a weakly anomalous gold expression (consistent 20 ppb values in a background of nil - 5 ppb Au).

To assess the usefulness of VLF-EM and magnetometer data, parallel northeast and northwest grid lines were established and surveyed with a Scintrex IGS-2 integrated magnetometer and VLF-EM receiver.

As illustrated in Appendix 2, results indicate that this method is capable of identifying fault structures in overburden covered areas. Line No. 500N traverses an overburden covered area approximately 100 m southeast of the fault intersection described in Section 2-4. Profiled data shows a strong conductor along the projected strike of this zone.

The proposed Phase I exploration program will include additional VLF-EM surveys to delineate the various known fault structures. Following the VLF-EM surveys, detailed geochemical surveys will be carried out to identify trenching targets.

CERTIFICATE

I, Michael M. Magrum of the City of Yellowknife in the Northwest Territories, certify that:

1. My address is Box 2045, Yellowknife, NWT, Canada, X1A 2N3 and that my occupation is that of a Geological Engineer.
2. I am a graduate of University of Alaska in Geological Engineer, 1976, with a degree of BSc.
3. I have been a practicing engineer since 1976 and I am a member in good standing of the Association of Professional Engineers, Geologists and Geophysicists of the Northwest Territories.
4. This report is based on results of several field examinations in June 1987, an examination of published technical data and, on results of geological mapping, geochemical surveys and geophysical surveys during the present survey.
5. I have no interest, either directly or indirectly, in the properties or securities of Camborne Resources Ltd.
6. I consent to the use of this report in the Prospectus, Statement of Material Facts or Qualifying Report for submittal to the Superintendent of Brokers or the Vancouver Stock Exchange.

Dated this 27th day of July, 1987 at Vancouver, British Columbia.

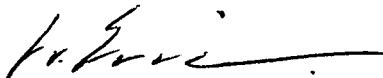


CERTIFICATE

I, Carl A. von Einsiedel of the City of Vancouver in the Province of British Columbia, certify that:

1. I am a consulting geologist with offices located at 210 - 470 Granville Street, Vancouver, B.C.
2. I am a graduate of Carleton University in Ontario in Geological Sciences with a degree of BSc.
3. I have been employed in the field of mineral exploration industry continuously since 1980 and have made application to the Fellowship of the Geological Association of Canada.
4. This report is based on an examination of published technical data and on results of geological mapping, geochemical surveys and geophysical surveys carried out during June and early July 1987.
5. I have no interest, either directly or indirectly, in the properties or securities of Camborne Resources Ltd.

Dated this 27th day of July, 1987 at Vancouver, British Columbia.

  
Carl von Einsiedel, BSc.  
Consulting Geologist

APPENDIX 1  
ROCK SAMPLE DESCRIPTIONS  
AND  
GEOCHEMICAL ASSAY RESULTS

**ROCK SAMPLE DESCRIPTIONS**  
(Note: \* denotes significant assay results)

Sample Number	Description
COZEN NO. 1 RK-WK-01	Grab, quartz float, heavy limonitic stain, oxidized sulfides.
COZEN NO. 2 RK-WK-02	As above.
COZEN NO. 3 RK-WK-03	Grab, quartz float, minor fresh pyrite limonitic stain.
COZEN NO. 4 RK-WK-04	Grab quartz float.
GALLANT BOY GRAB	Dump sample, quartz breccia with wallrock (graphite) fragments, limonitic stain.
GALLANT BOY NO. 4 LEVEL	As above.
**GALLANT BOY GRAB 01	Dump sample, quartz breccia with skeletal galena, coarse sphalerite (5%).
**GALLANT BOY GRAB 02	Dump sample, as above.
*GALLANT BOY GRAB 03	Dump sample, clear quartz, minor limonitic stain. Note: euhedral quartz in vugs.
**GALLANT BOY GRAB 04	Dump sample, abundant coarse galena, sphalerite and pyrite.
**GALLANT BOY GRAB 05	Dump sample, quartz breccia with heavy limonitic stain, 10% sulfides (galena, sphalerite).
NO. 2 QTZ GRAB	Bonanza Creek showing, quartz with minor limonitic stain.
NO. 5 ALT'D WRX	Grab, limonite stained, chlorite schist.
NO. 5 GRAB QTZ	No. 5 trench grab, quartz with limonitic stain.
NO. 5 QTZ GRB	No. 5 trench grab, quartz with limonitic stain.
NO. 6 GRAB QTZ	No. 6 trench grab, quartz with minor pyrite.
NO. 6 GRAB-ALT'D WRX	No. 6 trench grab, limonite stained graphitic schist, minor fine grained pyrite.
NO. 6 QTZ GRAB	No. 6 trench grab, quartz with limonitic stain.

ROCK SAMPLE DESCRIPTIONS (cont'd)  
 (Note: \* denotes significant assay results)

<u>Sample Number</u>	<u>Description</u>
*NO. 7 GRAB-ALT'D WRX	No. 7 trench grab.
*NO. 7 GRAB QTZ	No. 7 trench, chip sample across 1.5 m.
**NO. 7 GRAB QTZ-02	No. 7 trench grab, quartz with minor pyrite, wallrock fragments.
**NO. 7 QTZ GRAPHITE	No. 7 trench, chip sample across 2.0 m (2.0 m north of No. 7 grab qtz). Note: chloritization and albitization of wall rocks.
QTZ FLOAT	Composite sample quartz chips from slide in Haskins Creek Basin.
ROAD CUT VEIN	Chip across 1.0 m within sericite schist unit, Haskins Creek Basin.
RK 7-1 5.0m	No. 7 trench, chip sample across 5.0 m quartz, grephite, graphite schist.
RK 7-1A 5.0m	No. 7 trench sample 5 m north of RK 7-1.
*RK 7-2 2.0m	New trench 10 m north of sample RK 7-1A, quartz, graphite, galena, pyrite.
RK 7-2A 2.0m	New trench sample across 2.0 m quartz carbonate with minor py, galena.
**RK 8-1 6.0m	No. 8 trench, located 30 m north of new trench, chip sample across 6.0 m quartz, graphite, abundant coarse galena, minor pyrite.
**RK 8-1 7.0m	No. 8 trench, sample 5 m north of RK 8-1 6.0 m, chip sample across parallel, 1.5 m wide quartz carbonate veins in graphite shear zone.
*RK 8-1A 2.0m	No. 8 trench, sample across 2.0 m of quartz-carbonate lightly mineralized with galena, pyrite. Note: Albitization and chloritization of wall rocks.
RK 8-2 5.0m	No. 8-2 trench, located 15 m north of 8-1, chip sample across 5.0 m quartz and graphite with minor disseminated pyrite.
RK 8-2 5.0m	No. 8-2 trench, as above.

**ROCK SAMPLE DESCRIPTIONS (cont'd)**  
 (Note: \* denotes significant assay results)

Sample Number	Description
SER/PY 002	SPY sample series collected at 2.0 m intervals across a 3 m wide pyritic, sericite schist. Initial assays showed low but significant gold values, however, systematic sampling did not reproduce these results.
S/PY 002	Sericite, pyrite schist, intensely weathered to pale yellow green, decomposed material.
S/PY 002A	Quartz stringers in sericite schist.
S/PY 003	Sericite, pyrite schist.
S/PY 003A	Quartz stringer with limonitic staining on fractures in sericite schist.
S/PY 004	Sericite, pyrite schist.
S/PY 005	As above.
S/PY 006	As above.
S/PY 007	As above.
S/PY 009	As above.
S/PY 011	As above.
S/PY 012	As above.
S/PY 013	As above.
S/PY 014	As above.
S/PY 015	As above.
S/PY 016	As above.
S/PY 017	As above.
S/PY 018	As above.



# VANGEOCHEM LAB LIMITED

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BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

## ASSAY ANALYTICAL REPORT

=====

CLIENT: RAM EXPLORATION  
ADDRESS: 210-470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: July 22 1987

REPORT#: 870774 AA  
JOB#: 870774

PROJECT#: None Given  
SAMPLES ARRIVED: July 20 1987  
REPORT COMPLETED: July 22 1987  
ANALYSED FOR: Ag Au

INVOICE#: 870774 NA  
TOTAL SAMPLES: 31  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 31 SAMPLES

SAMPLES FROM: RAM EXPLORATION  
COPY SENT TO: RAM EXPLORATION

PREPARED FOR: RAM EXPLORATION

ANALYSED BY: David Chiu

SIGNED: \_\_\_\_\_

-----  
Registered Provincial Assayer

GENERAL REMARK: None



**ROCK SAMPLE DESCRIPTIONS (cont'd)**  
**(Note: \* denotes significant assay results)**

<u>Sample Number</u>	<u>Description</u>
**GR-AM-01	Character sample, heavy galena, pyrite mineralization as coarse massive material (60%) in quartz dump at portal of caved adit on north side of Bonanza Basin (northwest trending structure).
*GR-AM-02	Altered volcanics showing minor disseminated sulfides, propylitic alteration.
**GR-AM-03	Character sample from dump at caved portal, 100 m northwest of Trench No. 8-2. Massive, fine grained sphalerite and galena in quartz-carbonate gangue.
**GR-AM-04	Disseminated sulfides in silicified volcanics.
GR-AM-05	Grab sample, massive coarse grained galena from dump, minor sphalerite, chalcopyrite.

# VAN GEOCHEM LAB LIMITED

MAIN OFFICE: 1521 PEMBERTON AVE. N. VANCOUVER B.C. V7P 2S3 PH: (604) 986-5211 TELEX: 04-352578  
 BRANCH OFFICE: 1630 PANDORA ST. VANCOUVER B.C. V5L 1L6 PH: (604) 251-5636

## ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 5 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SN, MN, FE, CA, P, CR, MG, BA, PD, AL, NA, K, W, PT AND SR. AU AND PD DETECTION IS 3 PPM.  
 IS= INSUFFICIENT SAMPLE, ND= NOT DETECTED, -= NOT ANALYZED

COMPANY: RAM EXPLORATION  
 ATTENTION:  
 PROJECT:

REPORT#: PA  
 JOB#: 870774  
 INVOICE#: NA

DATE RECEIVED: 87/07/20  
 DATE COMPLETED: 87/07/23  
 COPY SENT TO:

ANALYST W. J. Preece

33.4 = 10%

10,000 PPM = 1%  
 PAGE 1 OF 1

SAMPLE NAME	AG PPM	AL %	AS PPM	AU PPM	BA PPM	BI PPM	CA %	CD PPM	CO PPM	CR PPM	CU PPM	FE %	K %	MG %	MN PPM	MO PPM	NA %	NI PPM	P %	PB PPM	PD PPM	PT PPM	SB PPM	SM PPM	SR PPM	U PPM	W PPM	ZN PPM
DDH-8706-76-78.5	15.2	.07	26	ND	11	7	1.41	58.6	ND	156	602	1.29	.05	.56	2178	6	.01	10	.02	3496	ND	ND	ND	ND	54	ND	ND	6631
DDH-8706-78-76.5	4.8	.04	29	ND	8	ND	3.04	18.9	ND	140	34	1.78	.07	1.25	4416	ND	.01	7	.01	1868	ND	ND	ND	ND	104	ND	ND	2102
6 BOYGRAB-04	>100	.08	441	8	42	24	.20	846.0	23	96	1373	3.68	.03	.05	10599	57	.01	22	.02	43163	ND	ND	160	ND	27	ND	902	89592
6 BOYGRAB-05	>100	.19	217	4	92	4	.08	212.6	3	95	2663	4.50	.06	.02	3596	29	.01	6	.02	39699	ND	ND	366	ND	40	ND	ND	37246
RK 7-1 5.0M	5.2	.05	57	ND	16	ND	.01	2.6	ND	257	47	.56	.02	.01	61	9	.01	6	.01	777	ND	ND	8	ND	1	ND	ND	518
RK 7-1A-5.0M	1.8	.05	41	ND	17	ND	.01	.4	ND	218	10	.35	.03	.01	37	ND	.01	3	.01	171	ND	ND	4	ND	1	ND	ND	103
RK 7-2 2.0M	8.1	.02	238	ND	9	ND	.01	.1	ND	228	23	.86	.02	.01	31	7	.01	5	.01	134	ND	ND	12	ND	1	ND	ND	94
RK 7-2A 2.0M	1.6	.04	40	ND	17	ND	.01	.1	ND	196	6	.36	.03	.01	24	ND	.01	5	.01	49	ND	ND	6	ND	ND	3	ND	40
RK-8 1 6.0M	>100	.01	332	ND	6	4	.01	.1	ND	246	28	.88	.02	.01	28	10	.01	7	.01	40019	ND	ND	104	ND	3	ND	ND	106
RK-8 1 7.0M 81C	>100	.05	282	ND	14	48	.01	.1	ND	38	90	1.19	.01	.01	36	1	.01	4	.01	9638	ND	ND	563	ND	1	ND	ND	67
RK-8 1A 2.0M	19.1	.05	149	ND	17	ND	.01	.1	ND	187	25	.94	.04	.01	25	ND	.01	5	.01	941	ND	ND	98	ND	1	6	ND	113
RK-8 2 5.0M	1.8	.08	39	ND	26	ND	.01	.1	ND	238	16	.58	.03	.01	30	8	.01	7	.01	422	ND	ND	6	ND	3	ND	ND	57
RK-8 2 5.0M A	1.4	.10	45	ND	28	ND	.01	.1	ND	50	19	.75	.05	.02	40	2	.01	6	.01	261	ND	ND	5	ND	5	5	ND	82
SER/PY 002	.1	.48	45	ND	68	ND	.32	.2	6	6	18	1.27	.13	.04	94	ND	.01	23	.18	19	ND	ND	ND	ND	19	4	ND	59
S PY 002	.1	.36	50	ND	80	ND	.03	.1	124	47	244	5.68	.10	.19	209	ND	.01	128	.04	11	ND	ND	3	1	4	ND	ND	59
S PY 002A	.1	.31	7	ND	33	ND	.38	.3	12	30	73	2.55	.07	.18	275	1	.01	43	.18	55	ND	ND	ND	ND	32	ND	ND	64
S PY 003	.1	.34	56	ND	77	ND	.04	.1	156	50	336	7.77	.11	.20	291	1	.01	167	.07	12	ND	ND	4	1	5	ND	ND	98
S PY 003A	.1	.11	19	ND	13	ND	.54	.1	8	15	63	2.08	.05	.05	603	ND	.01	29	.14	24	ND	ND	ND	ND	27	ND	ND	27
S PY 004	.1	.88	132	ND	96	ND	.42	.1	25	98	128	5.42	.10	.60	910	2	.01	111	.14	116	ND	ND	ND	1	33	ND	ND	80
S PY 005	.1	1.61	ND	ND	300	ND	.32	.6	3	58	123	5.42	.18	.92	139	6	.01	26	.29	23	ND	ND	ND	2	24	ND	ND	109
S PY 006	.1	1.40	53	ND	49	ND	.09	.1	40	42	135	5.13	.10	.73	158	2	.01	116	.09	6	ND	ND	ND	1	8	ND	ND	106
S PY 007	.1	.45	1205	ND	53	ND	.04	.1	26	40	150	5.55	.14	.05	111	8	.01	50	.15	14	ND	ND	4	ND	17	3	ND	74
S PY 009	.1	.17	17	ND	21	ND	.63	.1	6	84	24	2.03	.10	.07	348	ND	.01	16	.02	23	ND	ND	ND	ND	16	5	ND	42
S PY 011	.1	.89	135	ND	50	ND	.07	.1	44	31	144	4.35	.11	.40	161	ND	.01	72	.08	9	ND	ND	ND	1	7	ND	ND	104
S PY 012	.1	.46	417	ND	48	ND	.01	.1	10	13	52	3.23	.11	.14	92	3	.01	37	.05	18	ND	ND	3	ND	3	4	ND	74
S PY 013	.1	.49	219	ND	56	ND	.43	.1	8	22	44	1.81	.13	.09	90	1	.01	24	.25	12	ND	ND	ND	ND	26	6	3	69
S PY 014	.1	.46	717	ND	56	ND	.17	.1	11	9	51	2.55	.13	.05	155	1	.01	28	.13	9	ND	ND	ND	ND	13	4	ND	72
S PY 015	.1	.63	333	ND	59	ND	.23	.1	8	25	59	2.35	.14	.14	118	ND	.01	22	.15	15	ND	ND	ND	ND	15	5	ND	57
S PY 016	.1	.59	82	ND	66	ND	.12	.1	5	8	29	2.46	.13	.06	77	1	.01	19	.11	4	ND	ND	ND	ND	9	4	ND	61
S PY 017	.1	.38	865	ND	76	ND	.07	.1	13	13	63	2.70	.09	.05	89	1	.01	37	.08	8	ND	ND	3	ND	5	ND	3	50
S PY 018	.1	1.36	128	ND	73	ND	.17	.1	19	101	195	3.70	.09	1.14	232	1	.01	57	.11	20	ND	ND	ND	1	11	ND	ND	94
DETECTION LIMIT	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	2	3	5	2	2	1	5	3	1

W  
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**VANGEOCHEM LAB LIMITED**

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VANCOUVER, B.C. V5L 1L6  
(604) 251-5658

**GEOCHEMICAL ANALYTICAL REPORT**

CLIENT: RAM EXPLORATION  
ADDRESS: 210-470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: July 16 1987

REPORT#: 870685 GC  
JOB#: 870685

PROJECT#: None Given  
SAMPLES ARRIVED: July 10 1987  
REPORT COMPLETED: July 16 1987  
ANALYSED FOR: Au (FA&AAS) ICP

INVOICE#: 870685 NA  
TOTAL SAMPLES: 24  
SAMPLE TYPE: 24 ROCK  
REJECTS: SAVED

SAMPLES FROM: RAM EXPLORATION  
COPY SENT TO: RAM EXPLORATION

PREPARED FOR: RAM EXPLORATION

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_

GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

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VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

REPORT NUMBER: 870685 GC

JOB NUMBER: 870685

RAM EXPLORATION

PAGE 1 OF 1

SAMPLE #	Au
	ppb
COZEN NO.1 RK-WK-01	120
COZEN NO.2 RK-WK-02	25
COZEN NO.3 RK-WK-03	5
COZEN NO.4 RK-WK-04	75
GALLANT BOY 01	1200
GALLANT BOY 02	1090
GALLANT BOY <del>01</del> 03	1060
GALLANT BOY GRAB	10
GALLANT BOY NO.4 LEVEL	nd
NO.2 QTZ GRAB	nd
NO.5 ALT'D WRX	nd
NO.5 GRAB QTZ	nd
NO.5 QTZ GRB	10
NO.6 GRAB QTZ	nd
NO.6 GRAB-ALT'D. WRX	nd
NO.6 QTZ GRAB	nd
NO.7 GRAB-ALT'D. WRX	170
NO.7 GRAB QTZ	1645
NO.7 GRAB QTZ-02	1060
NO.7 QTZ-GRAPHITE	4285
NO.3 QTZ FLOAT	nd
NO.3 ROAD CUT VEIN	70
SER-PY PHYLITE	20
SPY 001	2640

DETECTION LIMIT

5

nd = none detected

-- = not analysed

is = insufficient sample

### ICAP GEOCHEMICAL ANALYSIS

A .5 GRAM SAMPLE IS DIGESTED WITH 3 ML OF 3:1:2 HCL TO HNO3 TO H2O AT 95 DEG. C FOR 90 MINUTES AND IS DILUTED TO 10 ML WITH WATER.  
 THIS LEACH IS PARTIAL FOR SN, Hg, Fe, Ca, P, Cr, Ni, Ba, Pb, Al, Na, K, V, Pt AND Sr. AU AND PD DETECTION IS 3 PPM.  
 IS = INSUFFICIENT SAMPLE, ND = NOT DETECTED, -- = NOT ANALYZED

COMPANY: RAM EXPLORATIONS  
 ATTENTION:  
 PROJECT:

REPORT#: PA  
 JOB#: 870685  
 INVOICE#: NA

DATE RECEIVED: 87/07/10  
 DATE COMPLETED: 87/07/25  
 COPY SENT TO:

ANALYST: *W. Smith*

PAGE 1 OF 1

SAMPLE NAME	AG	AL	AS	AU	BA	BI	CA	CO	CR	CU	FE	K	NI	NR	NO	NA	NI	P	PB	PD	PT	SB	SK	SR	U	V	ZN	
	PPH	%	PPH	PPH	PPH	PPH	%	PPH	PPH	PPH	%	%	PPH	PPH	PPH	%	PPH	%	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	PPH	
COG. RYK-01	3.1	.54	9	ND	21	5	.43	.1	6	111	31	2.40	.11	.32	419	11	.01	16	.02	1001	ND	ND	8	ND	19	4	ND	34
COG. RYK-02	.1	.76	4	ND	23	8	.20	.1	7	46	22	1.94	.14	.56	360	2	.01	17	.02	113	ND	ND	5	1	9	ND	ND	40
COG. RYK-03	.1	2.19	ND	ND	37	ND	9.86	.1	8	84	35	2.38	.01	.63	589	2	.01	21	.04	47	ND	ND	ND	ND	418	ND	ND	46
COG. RYK-04	2.5	2.01	ND	ND	46	ND	4.83	.1	14	41	46	3.69	.27	1.19	741	3	.01	38	.05	1296	ND	ND	ND	ND	231	ND	ND	86
6.607 GRAB	.1	.38	ND	ND	49	ND	1.23	.6	10	194	132	2.86	.11	.17	269	28	.01	64	.35	86	ND	ND	3	ND	66	6	ND	75
6.607 LEVEL1	.1	.52	ND	ND	74	ND	1.06	.3	12	71	99	4.16	.15	.19	350	34	.01	63	.47	46	ND	ND	4	ND	86	ND	ND	88
12 W/ GRAB	.1	.48	17	ND	30	ND	.02	2.2	11	267	32	2.31	.01	.08	470	17	.01	21	.02	183	ND	ND	ND	ND	4	ND	ND	282
13 ROAD VRT	.1	.70	94	ND	63	ND	.11	.2	24	37	23	4.52	.15	.18	631	1	.01	47	.06	58	ND	ND	3	ND	12	ND	ND	103
15 ROAD VRT	.1	.07	19	ND	6	ND	.01	.2	2	339	10	.95	.01	.01	159	1	.01	13	.01	41	ND	ND	3	1	1	ND	ND	46
15 ROAD VRT	.1	.10	57	ND	13	ND	.25	.7	7	46	12	2.62	.01	.04	688	1	.01	31	.01	174	ND	ND	ND	ND	3	ND	ND	102
16 ROAD VRT	.1	.09	9	ND	10	ND	.05	.5	1	323	57	.70	.01	.01	93	22	.01	19	.04	37	ND	ND	3	ND	8	ND	ND	111
16 ROAD ALTDVRT	.2	.30	13	ND	66	ND	.03	.1	1	40	35	.86	.01	.04	921	6	.01	15	.04	80	ND	ND	3	ND	11	ND	ND	96
16 W/ GRAB	.1	.24	31	ND	43	ND	.04	.4	1	238	73	1.12	.01	.01	84	3	.01	25	.10	103	ND	ND	3	ND	40	ND	ND	109
17 GRAB ALTDVRT	2.1	.24	17	ND	68	ND	.01	.1	ND	35	22	.83	.01	.02	43	1	.01	7	.01	64	ND	ND	6	ND	1	ND	ND	40
17 GRAB VRT	6.7	.09	131	ND	20	ND	.01	.1	ND	280	27	.83	.01	.01	33	19	.01	9	.01	389	ND	ND	11	16	2	ND	ND	34
17 GRAB VRT	10.5	.05	146	ND	11	ND	.01	.1	ND	77	12	1.06	.01	.01	50	1	.01	9	.01	55	ND	ND	19	11	1	ND	ND	30
17 QTC GRAPHITE	12.0	.08	92	ND	16	ND	.01	.1	ND	281	16	.72	.01	.01	44	1	.01	7	.01	104	ND	ND	32	3	3	ND	ND	35
RTZ FLOAT	.1	.06	ND	ND	25	ND	.02	.1	1	50	12	.79	.01	.01	224	1	.01	14	.01	47	ND	ND	ND	ND	3	ND	ND	25
ROAD CUT VEIN	.1	.17	410	ND	13	ND	.11	.1	8	201	49	3.81	.01	.03	632	12	.01	41	.09	42	ND	ND	7	ND	12	ND	270	28
SELILLITE PP	.1	.56	319	ND	33	ND	.32	.1	7	13	39	1.80	.05	.06	126	1	.01	23	.20	12	ND	ND	3	ND	20	ND	ND	37
SPY 001	1100	.20	444	8	4	10	.48	669.2	19	91	209	15.90	.01	.34	174	27	.01	78	.01	15631	ND	ND	634	ND	27	ND	404	33914
Gallant boy 01	1100	.19	138	9	48	20	.12	714.5	8	51	4989	5.52	.01	.08	4964	65	.01	15	.03	19721	ND	ND	233	ND	46	ND	919	38472
Gallant boy 02	1100	.04	731	10	10	31	.09	11000	24	129	1179	3.94	.01	.03	4137	117	.01	30	.01	17876	ND	ND	386	ND	98	ND	1743	42928
Gallant boy 03	8.8	.07	95	ND	16	ND	.01	16.9	3	41	40	.82	.01	.01	439	2	.01	18	.01	1499	ND	ND	14	ND	?	ND	ND	1680
BLISS 101	.1	.01	3	3	1	3	.01	.1	1	1	1	.01	.01	.01	1	1	.01	1	.01	?	3	3	2	2	1	3	3	1

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VANGEOCHEM LAB LIMITED

MAIN OFFICE  
1521 PEMBERTON AVE.  
NORTH VANCOUVER, B.C. V7P 2S3  
(604) 986-5211 TELEX: 04-352578

BRANCH OFFICE  
1630 PANDORA ST.  
VANCOUVER, B.C. V5L 1L6  
(604) 251-5656

ASSAY ANALYTICAL REPORT  
=====

CLIENT: RAM EXPLORATION  
ADDRESS: 210-470 W. Granville St.  
: Vancouver, B.C.  
: V6C 1V5

DATE: July 30 1987

REPORT#: 870845 AA  
JOB#: 870845

PROJECT#: None Given  
SAMPLES ARRIVED: July 27 1987  
REPORT COMPLETED: July 30 1987  
ANALYSED FOR: Ag Au Cu Pb Zn

INVOICE#: 870845 NA  
TOTAL SAMPLES: 5  
REJECTS/PULPS: 90 DAYS/1 YR  
SAMPLE TYPE: 5 ROCK

SAMPLES FROM: RAM EXPLORATION  
COPY SENT TO: RAM EXPLORATION

PREPARED FOR: RAM EXPLORATION

ANALYSED BY: David Chiu

SIGNED:

-----  
Registered Provincial Assayer

GENERAL REMARK: None

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# VANGEOCHEM LAB LIMITED

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REPORT NUMBER: 870845 AA

JOB NUMBER: 870845

RAM EXPLORATION

PAGE 1 OF 1

SAMPLE #	Ag oz/st	Au oz/st	Cu %	Pb %	Zn %
GR-AM-01	50.52	.104	.12	26.50	1.15
GR-AM-02	.65	.030	<.01	.20	.01
GR-AM-03	8.60	.022	.22	6.95	27.45
GR-AM-04	2.27	.014	.09	2.10	2.60
GR-AM-05	32.87	.084	.15	32.05	1.50

### DETECTION LIMIT

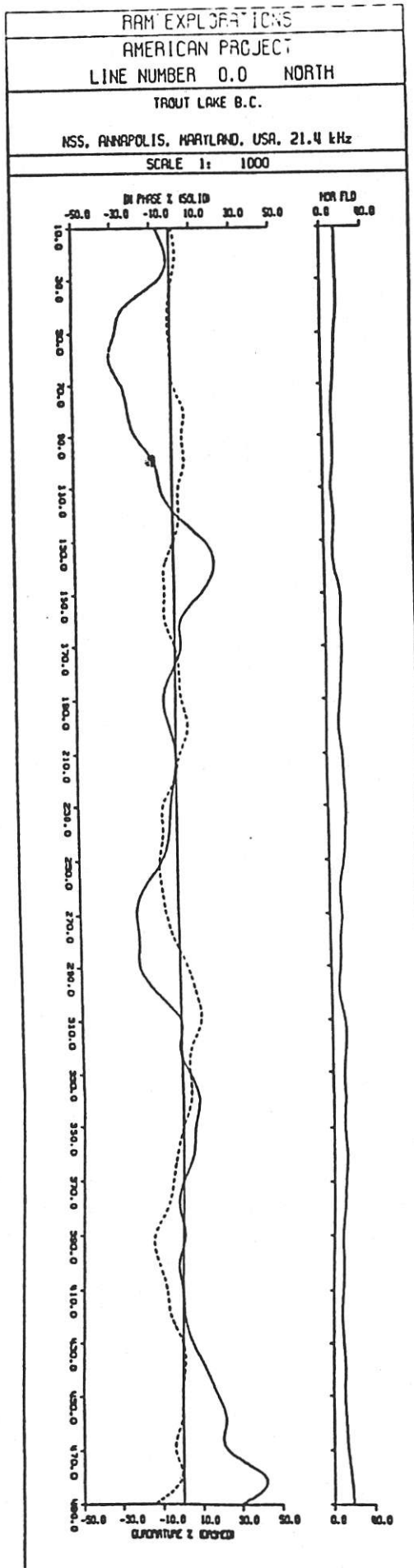
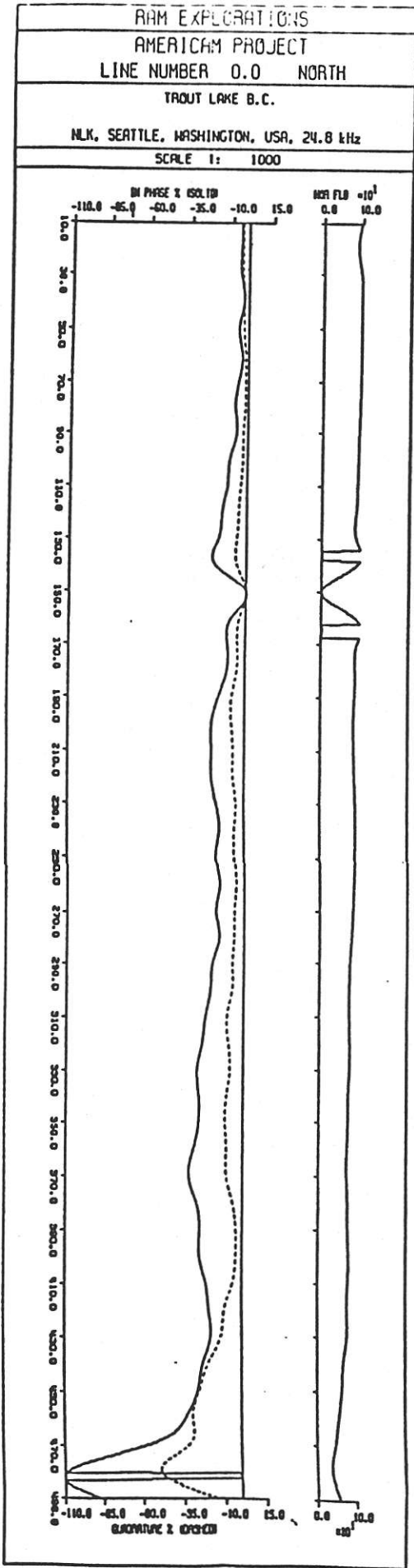
1 Troy oz/short ton = 34.28 ppa

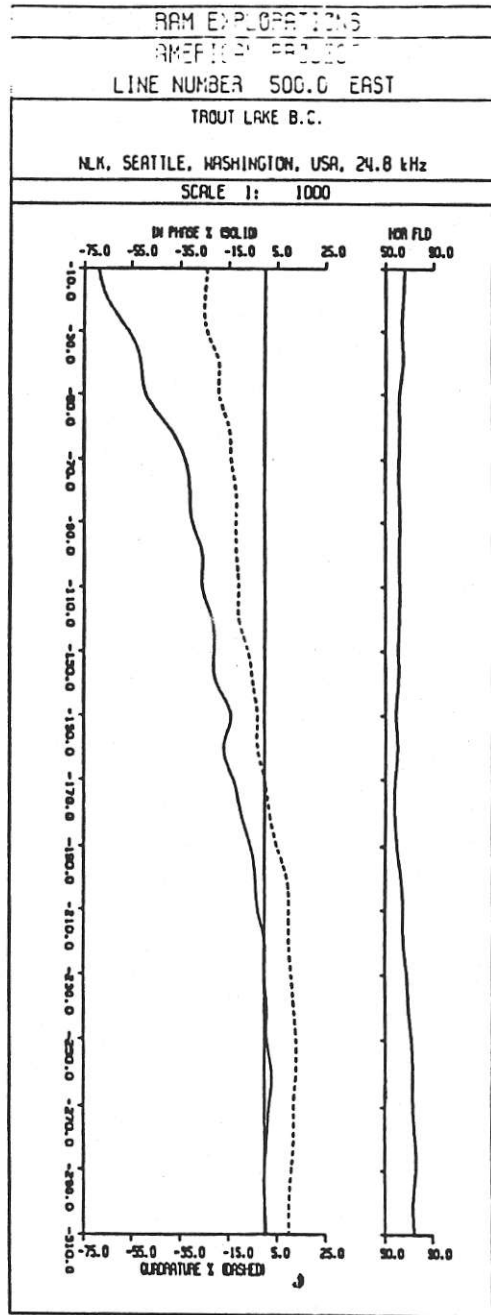
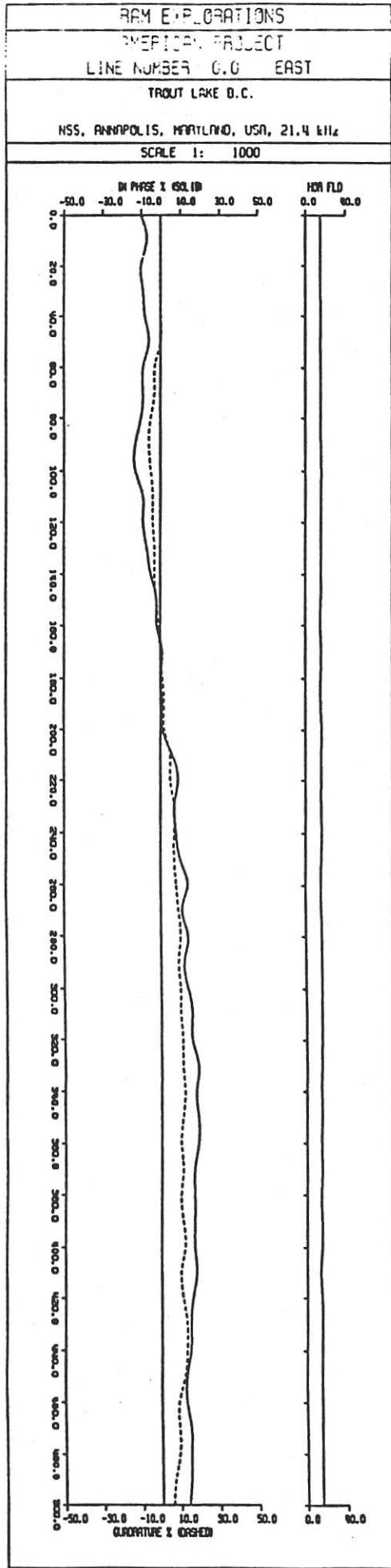
.01	.005	.01	.01	.01
1 ppa = 0.0001%	ppa = parts per million	< = less than		

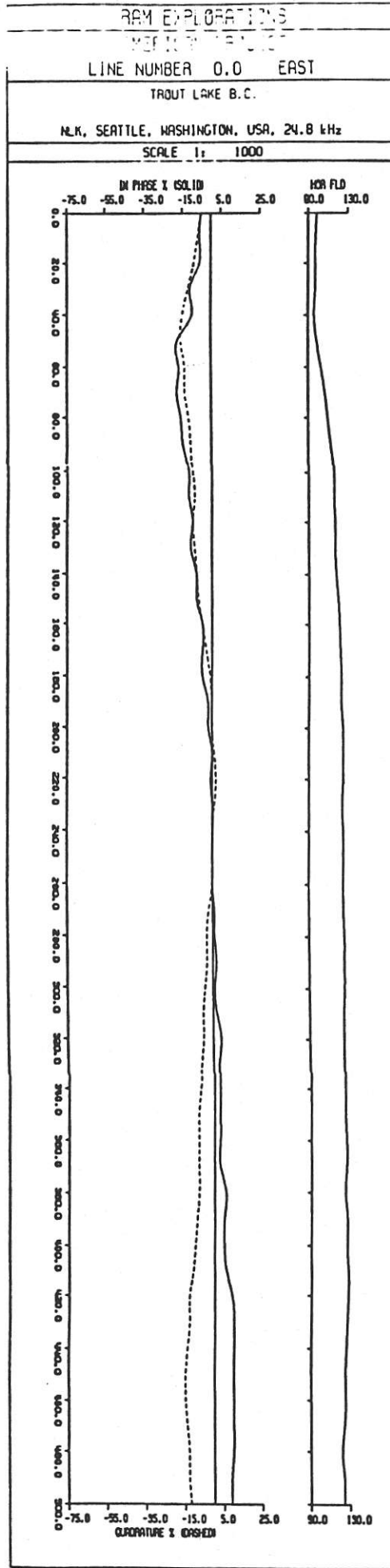
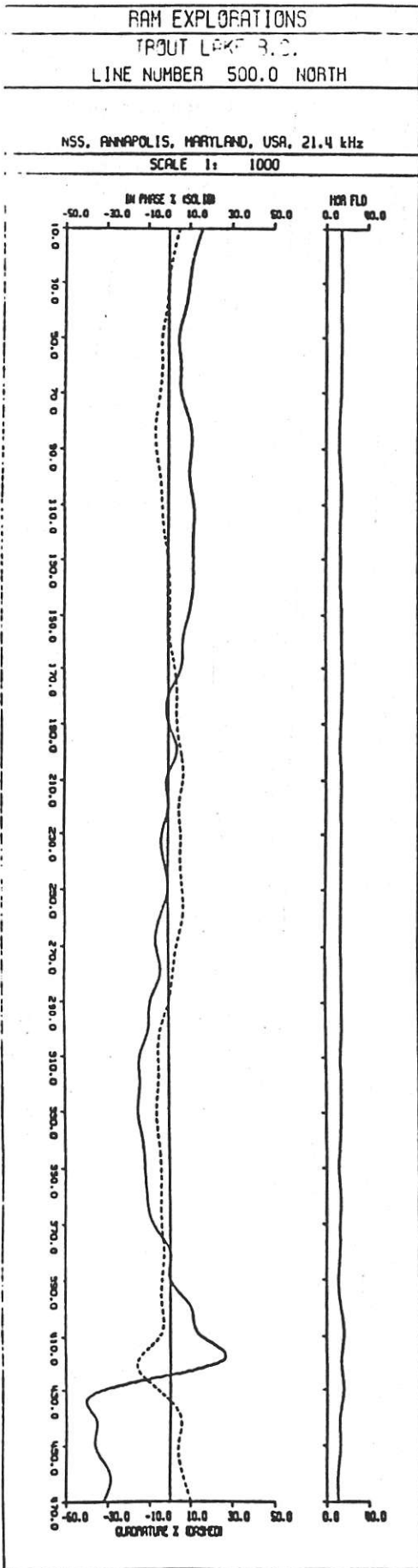
signed: \_\_\_\_\_

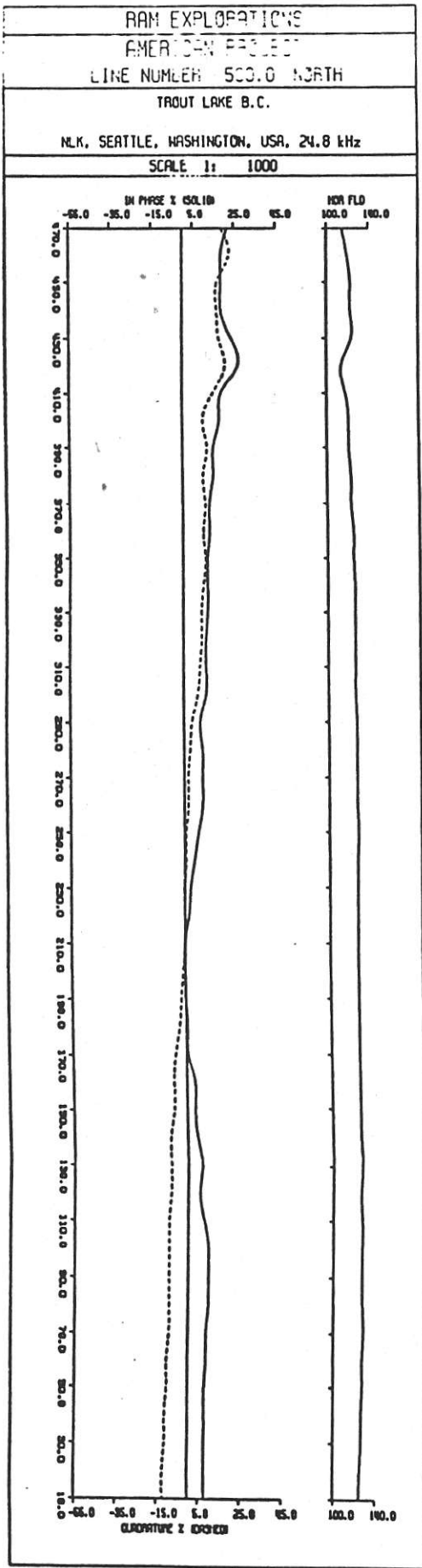
APPENDIX 2  
VLF-EM PROFILES SHOWING DIP ANGLE,  
QUADRATURE AND  
HORIZONTAL FIELD STRENGTH











4T

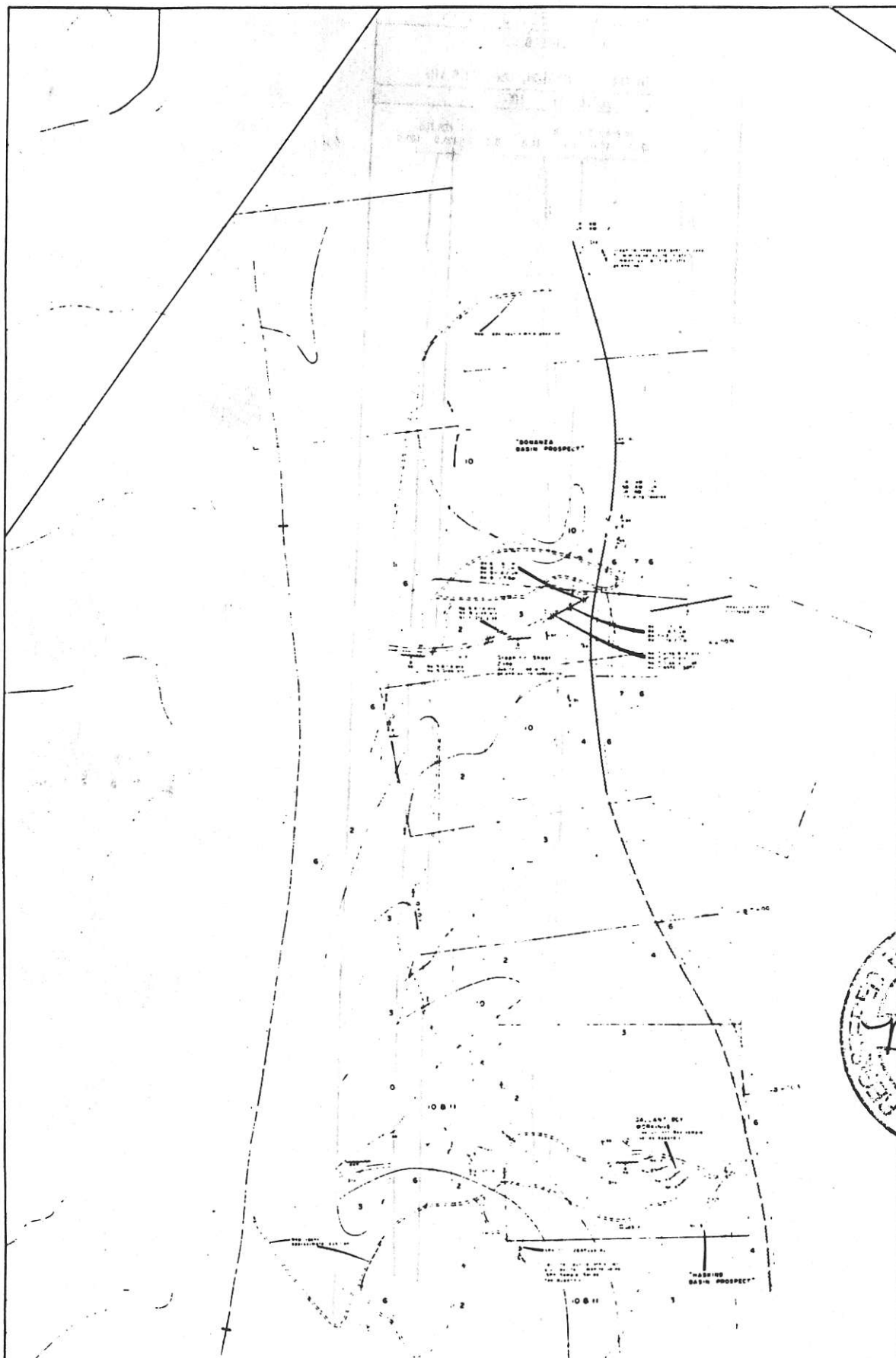


**LEGEND**

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- 2. [Symbol] [Faint text]

**SYMBOLS**

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- [Symbol] [Faint text]



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