Regional Geologist, Kamloops | **Date Approved:** 1999.05.11 | **Off Confidential:** 1999.10.05

ASSESSMENT REPORT: 25854 | **Mining Division(s):** Nicola

Property Name: Andy

Location:

NAD 27	Latitude: 50 18 00	Longitude: 120 45 00	UTM:	10	5574189	660243
NAD 83	Latitude: 50 18 00	Longitude: 120 45 05	UTM:	10	5574405	660139
NTS:	092I07W 092I07E					

Camp:

Claim(s): Andy 1-2

Operator(s): Ahura Mining Ltd.
Author(s): Crittenden, Larry

Report Year: 1999

No. of Pages: 35 Pages

Commodities Searched For:

General Work Categories: PROS

Work Done:
Prospecting
PROS Prospecting (900.0 ha)

Keywords: Andesitic tuffs, Brecciation, Chalcopyrite, Galena, Granites, Guichon Creek Batholith, Nicola Group, Pyrite, Shear zones, Sphalerite, Triassic

Statement Nos.: 3125342

MINFILE Nos.: 092ISE127, 092ISE128, 092ISE129

Related Reports: 02970, 06441, 06742, 07031, 07488, 08036

Prospecting report
Andy 1 & 2
mining claims
Nicola mining division
British Columbia

Author
Larry Crittenden
February 10 1999

92I 7E,W

50°18'00" N
120° 45'00" W

Table of contents

List of Illustrations and appendages

Summary

The Andy 1 & 2 property is located in the Nicola Mining Division of B.C. appox. 25 km North of Merrit.

Phase 1 prospecting, silt sampling and rock sampling were carried out from June 1 1998 to July 15 1998.

As historical and resent geochemical anomalies in an area that is underlain by the volcanic rocks of the Triassic Nicola formation have been previously discovered. Results from this work in the general area prompted additional exploration.

Samples taken within claim area resulted in anomalous returned results of up to 1080 ppm Au ,25.7 ppm silver,>5,235 ppm copper, >4,034 ppm zinc,and >14,708 ppm lead.

Historical mining and exploration activities date back to the 1900's and were concentrated on several skarn type deposits around Skakum Mnt. area.Results include 21.3 g\t gold, 3,257 g\t silver, 4.6 % lead, and 27 % zinc.

1.0 Introduction

This report summarizes work carried out on the Andy 1&2 mining claims, located within the Nicola Mining Divisions.

By Larry Crittenden and Ted Hayes from June 1998 to July 1998

It is a summary of work carried out for the purposes of gathering mineralogical information and fulfilling requirements, for mineral tenure act regulations for extending claim ownership forfeiture time frame.

Work carried out consisted of approx. 20 km of extensive traversing, 22 Rock samples, , 2 steam sediment samples.

LEGEND

——·——·——	Country Boundary
— · — · — ·	Provincial Boundary
• VANCOUVER	City Location and Name

0 10 20 km

AHURA MINING LTD.

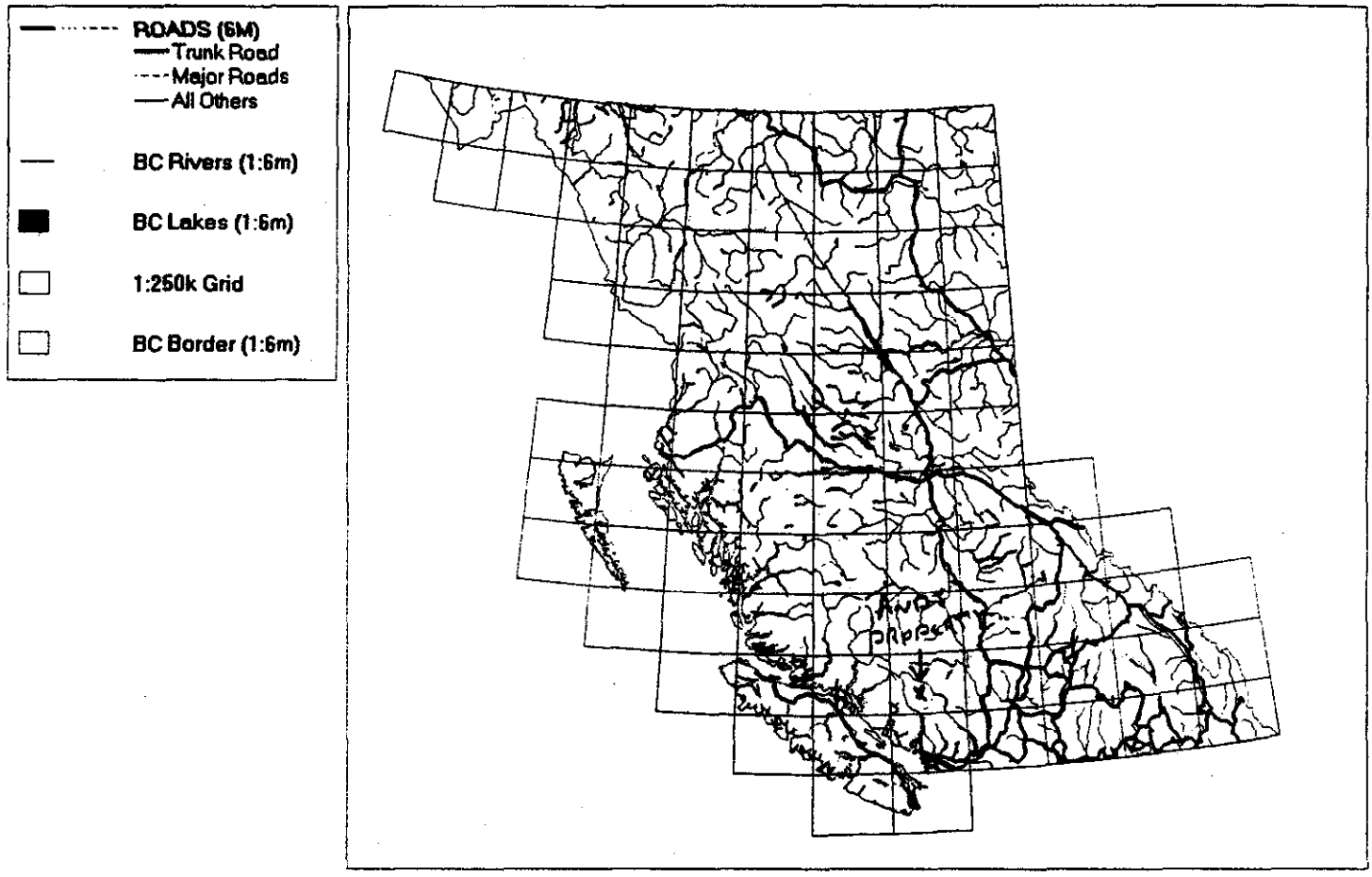
GENERAL LOCATION MAP

PROJECT
Nicola Mining Division, B.C.

Project No:	CC01	By:	B.T./C.N.
Scale:	1:1,000,000	Drawn:	CADNET
Figure:	1	Date:	November 1997

CME

B.C. Ministry of Energy and Mines



SCALE 1 : 13,259,052

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MILES

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http://webmap.ei.gov.bc.ca/minpot/map/pdac.MWF

Tuesday, February 16, 1999 1:56 PM

2.0 Location, Access, Title

2.0 Location

The Andy 1 and 2 and mineral claims are located approx. 24km North (360°) of Merrit B.C within the Nicola Mining Division.

Location of Andy 1 and 2 LCP is aprox 120°45'30 W by 50°18'50 N on map no # 92-I/7

2.1 Access

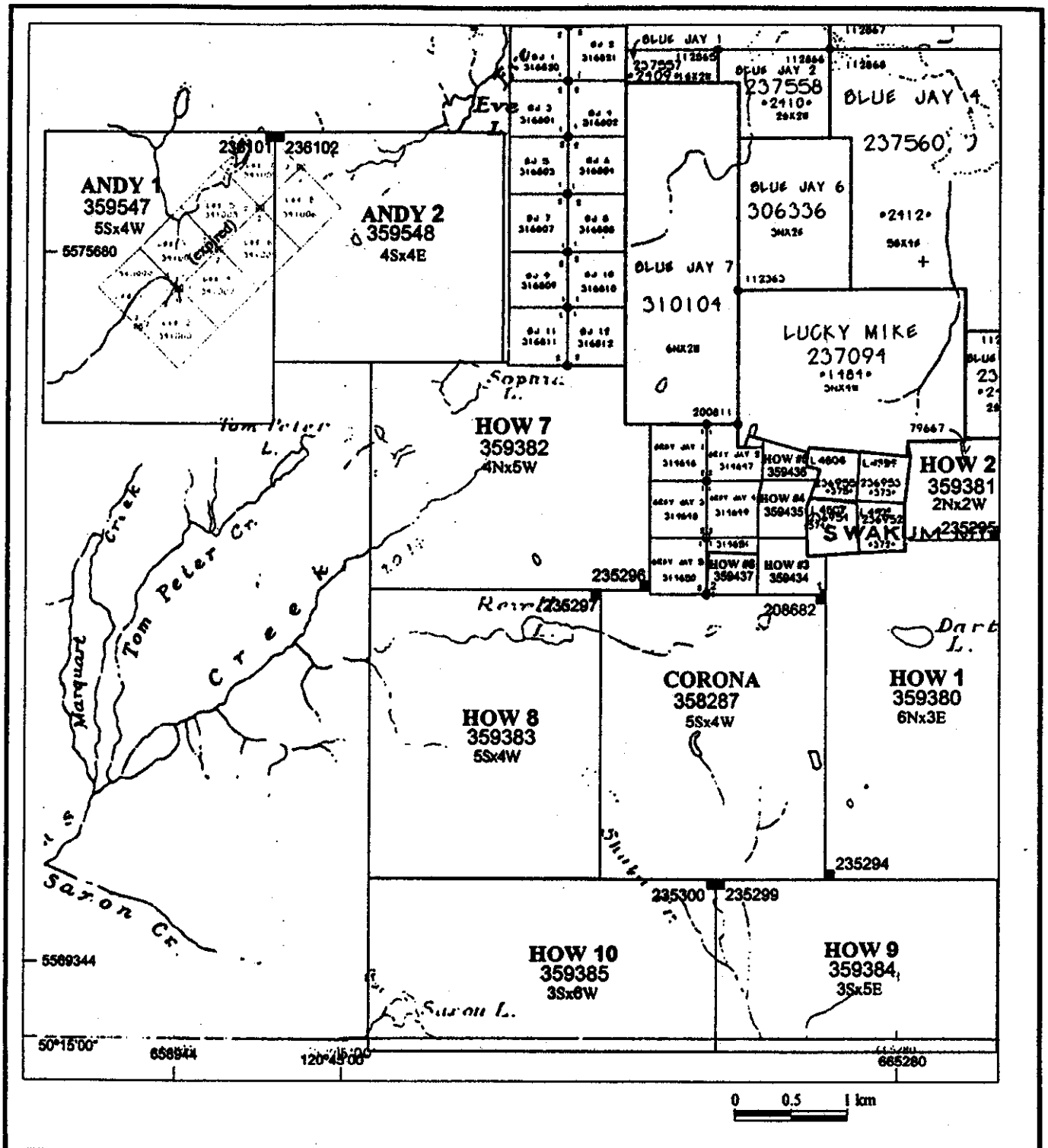
Road access to the property from the town of Merritt, is by four-wheel drive road (two wheel drive in the dry seasons) Danish Lake logging Rd. which exits the Mamit Lake Rd. Approx 24 km North of Merrit BC

Access to rest of claim group is obtained by four-wheel drive roads,some of which are unaccessable due to blockage by fallen trees.

2.2 Title

The Andy claims were staked for Ahura mining ltd. in 1997.By Larry Crittenden

Ahura holds a 100 % interest in the Andy claims.



LEGEND

HOW 7 — Claim Name
359383 — Tenure No.
4Nx5W — Claim Dimensions
LCP — Claim Outline

Project Area

After B.C. Mineral Titles Reference
Map 092I07W (Aug. 12, 1997)
Map 092I07E (June 17, 1997)

AHURA MINING LTD.

CLAIM LOCATION MAP

PROJECT
Nicola Mining Division, B.C.

Project No:	CC01	By:	L.C./C.K.
Scale:	1:50,000	Drawn:	C.K./L.F.
Figure:	2	Date:	November 1997

CME

TABLE 1 ; Summary of Claim Status

CLAIM NAME	TENURE NO.	UNITS	ANNIVERSARY
Andy 1	359547	20	10-04-1998
Andy 2	359548	16	10-05-1998
		36 total	

3.0 PREVIOUS WORK

The history of previous work done on the claim area is taken largely from Kelly (1972)

Copper minerlization was discovered on Swakum Mnt. in 1916, by Oscar Schmidt and and Associates. Some 22 tons of ore were shipped from surface showings and from a incline which they sank on a outcroping in 1917 (The Lucky Mike Showing). It was later also called the Last Chance Showing. The shipment returned 46 % copper. It was noted that the copper minerlization appeared, from drilling results, to be only a small inclusion in an otherwise barren volcanic flow. Another shaft was sunk southwest of the first one and went down 15.2 metres on a limestone-greenstone contact. A considerable amount of bornite and calcopyrite was found at the contact. Samples taken some 91.4 metres from

From 1974 to 1976, Craigmont mines drilled 10 dimond drill holes. Resulting from the Asarco program, a drill indicated tonnage of 31,250,000 tons grading 0.20 % copper and 0.021 % molybdenum was determined in one zone of approximate dimensions 150 metres wide by 450 metres long and 150 metres deep (Hunter,1991)

From 1986 and 1987 work conducted on the Sophia claims included 4.2 km of magetometre and VLF-EM surveying and 5.1 km of Induced Polarization (IP) surveying.

the limestone outcrop, across 4.6 metres of unidentified surface rock, yielded 0.80% copper with traces of gold and silver.

Some time between 1918 and 1924 a shaft was sunk 23.1 metres on a siliceous vein carrying lead, zinc, silver and gold on the Alameda claims, 800 metres south of the Lucky Mike. A shipment of 36 sacks was made, which assayed 130.3 g/t silver, minor gold, 22% lead, and 36% zinc. The vein was stated to be small at the surface, dipping 45° to the west with a north-south strike. In 1924, the shaft was full of water but some 10 tons of ore were found piled at the collar. Samples from this assayed 6.8 g/t gold, 377.1 g/t silver, 14% lead, and 27% zinc. Some quartzose material, which was assumed to come from the bottom of the shaft, assayed 10.3 g/t gold, 102.9 g/t silver, 6% lead, and 8% zinc.

In the next three years, additional work was done on some claims lying immediately south of the Almeda Mineral Leases, and a camp had been set up to service the Lucky Mike, Almeda and the new Thelma claims.

By 1929, two shafts had been sunk about 91.4 metres apart, one on the Thelma claim and the other on the Bernice claim. About 457 metres north of the Thelma shaft, an opening was made on a mineralized limestone. Another 91 metres to the north a crosscut tunnel was driven through a body of low-grade mineralization from 2.5 to 3 metres wide.

The Thelma shaft was sunk to a depth of 76 metres, but did not encounter the ore which had been found at the 18 metre level. At that level, 1.4 metres of vein matter was exposed, samples from the vein assayed 1.4 g/t gold, 3,257 g/t silver 8% lead, and 1% zinc. At the bottom of the shaft, only narrow seams of zinc were encountered.

The shaft on the Bernice claim was sunk to a depth of 18.6 metres and a shipment of 31 tons of ore was made. It is reported to have come from two seams, 5 centimetres and 45 centimetres wide and the intervening ground was stated to be well mineralized. No assays were given.

Financial difficulties were encountered in 1930 and the properties were shut down. In 1934, Sheffield Gold and Silver Mines Ltd. acquired the Thelma group of 12 claims, the Almeda group of 10 claims and the Corona group of four claims. Shortly thereafter, fire destroyed the head frame and buildings of the Thelma Property and both the Thelma shaft and the Bernice shaft were flooded. Since then, the Alameda, Thelma, Bernice and Corona Workings seem to have been idle.

In 1942 the Last Chance-Lucky Mike property was staked as a tungsten prospect. Following this, surface stripping and excavating of open cuts, which revealed fair values in tungsten, a limited amount of drilling was undertaken for the Metals Controller in 1943. Sulphides were found not be confined to the skarn, and may be found in adjacent greenstones. The deposit had an exposed length of 106 metres, but its extensions along

strike are covered by overburden at both ends. The zone is from 7.6 mertres to 22.9 metres wide with an average width of about 12.2 metres. The average of surface samples taken across the width yielded 0.25% WO_3. Fourteen diamond drill holes tested the mineralized zone at depth. Core was examined with ultraviolet light which indicated good tungsten content. Eight of these holes yielded an average of 0.21% WO_3 across an average width of 7.6 metres. Samples were not assayed for gold or copper.

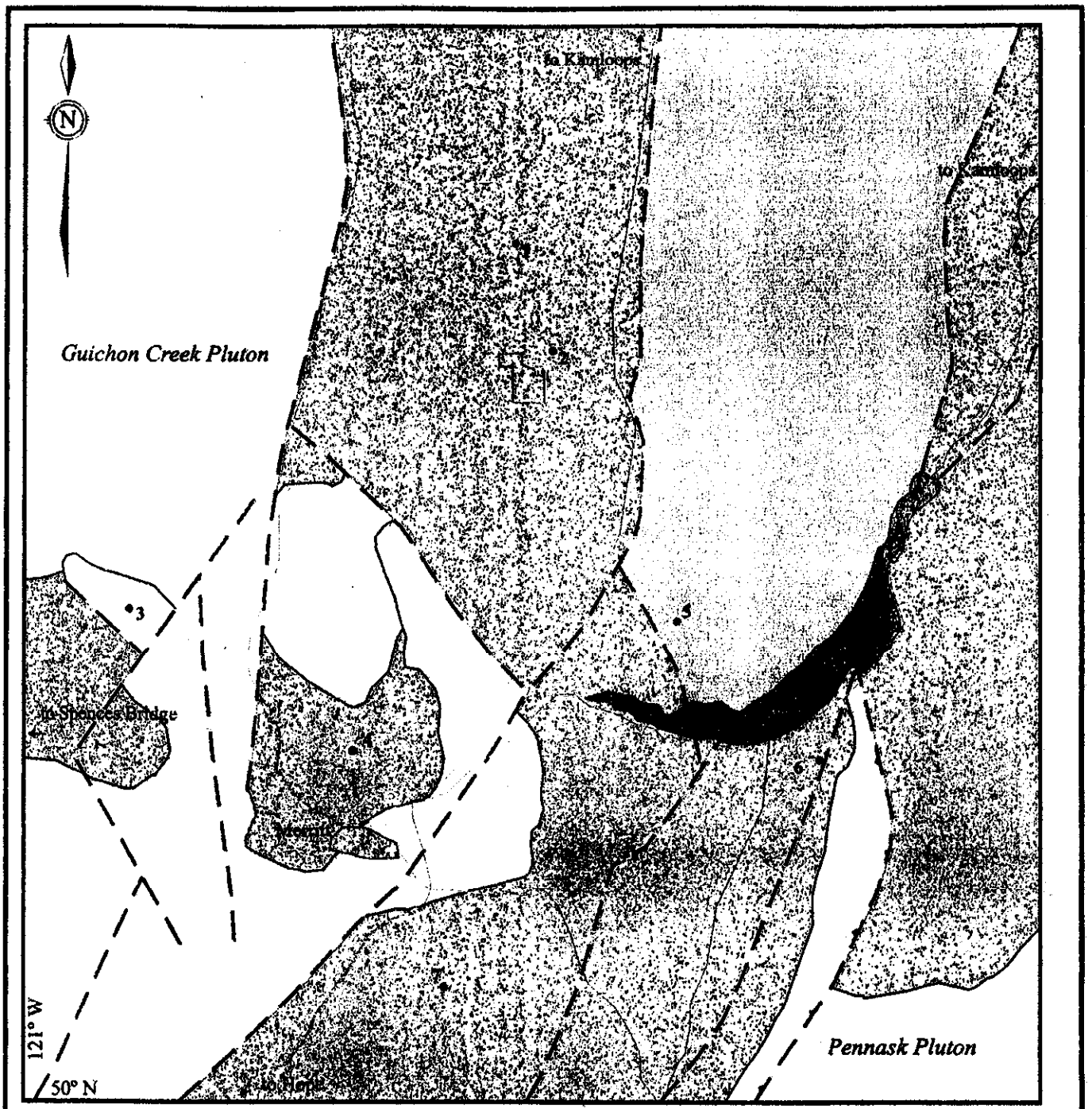
The claims around the Alameda shaft, and those around the Lucky Mike or Last Chance Showings, as well as neighboring ground, were included in 1956 in a block of 32 claims and 8 fractions, know as the Mac group, owned by Jacson Mines Ltd. A geological study was made of this area in September 1956. Rock sampling of drillhole 10, a hole which had been drilled in the course of testing the tungsten showings, resulted in three 1.5 metre samples which returned values of 0.35%, 0.85% and 0.22% copper. A couple of trenches were cut on strike with the mine and north from it, but the extension of the mineralization was not found.

In 1958, Torwest Resources Ltd. acquired a large area in the vicinity of the peak of Swakum Mountain. It included 176 claims and two mineral leases, covering the old showings of the Lucky Mike or Last Chance, Thelma, Alameda and Gold Gossan. A self potential survey followed by trenching and diamond drilling in the areas north of the peak of Swakum Mountain was undertaken. Mineralization consisted of pyrite, pyrrhotite and chalcopyrite, with local sphalerite, galena and scheelite which occurs either with quartz in small shears and fractures or disseminated in skarn and limey tuffs. The conclusion made from the drilling program was that mineralization is most likely to occur at the intersections of faults with beds of limestone or limey tuffs

An reconnaissance induced polarization survey was made on a portion of the Alameda property in 1969 by Siegel Associates on behalf of Zulco Explorations Ltd. A sharp chargeability peak, with coincident low resistivity was observed on lot 4505 of Mineral Lease N-27-N. This claim lies 457 metres west and immediately north of the Alameda shaft.

In 1972, a property evaluation of the Alameda, Amigo and Lo claims was undertaken by Gomara Resources Ltd. Random sampling of the Lucky Mike shaft returned 1.68% copper, 25 g/t silver, 0.14% lead, 0.10% zinc, 0.17% tungsten, and trace molybdenum. A sample taken 335 metres southwest of the Lucky Mike shaft, on the side of the road, returned values of 0.21% copper, trace silver, 0.05% zinc, no tungsten, and trace molybdenum. Sampling on the north side of an adit, located 457 metres northwest of Swakum Mountain returned values of 21.3 g/t gold, 69.9 g/t silver, 0.42% copper, 2.88% lead, and 1.54% zinc. A composite sample from the Alameda tailings returned 283.9 g/t silver, 1.06% copper, 10.55% lead, 26.6% zinc, and trace tungsten.

From 1972 to 1973, Asarci explored the Rey Lake area, approximately 5 kilometres to the north of Swakum Mountain. Exploration work focused on a skarn and breccia zone and consisted of geophysics and drilling of 86 percussion holes and 17 diamond drill holes.



LEGEND

Geology

- Nicola Group
- Triassic and Jurassic plutons
- Post-Nicola stratified rocks
- Nicola Horst

Symbols

- Faults (arrow on downthrown side)
- Geological Contact
- Mineral Occurrences

- Highways
- Towns
- Lakes and Creeks
- Property Outline

MINERAL OCCURRENCES

1	Rey Lake
2	Lucky Mike
3	Craigmont
4	Merritt
5	South Nicola
6	Quilchena
7	Iron Mountain

After Open File 1990-29 (Sheet 2 Of 2)
Figure 1: Locality Map of the Study Area

0 5 km

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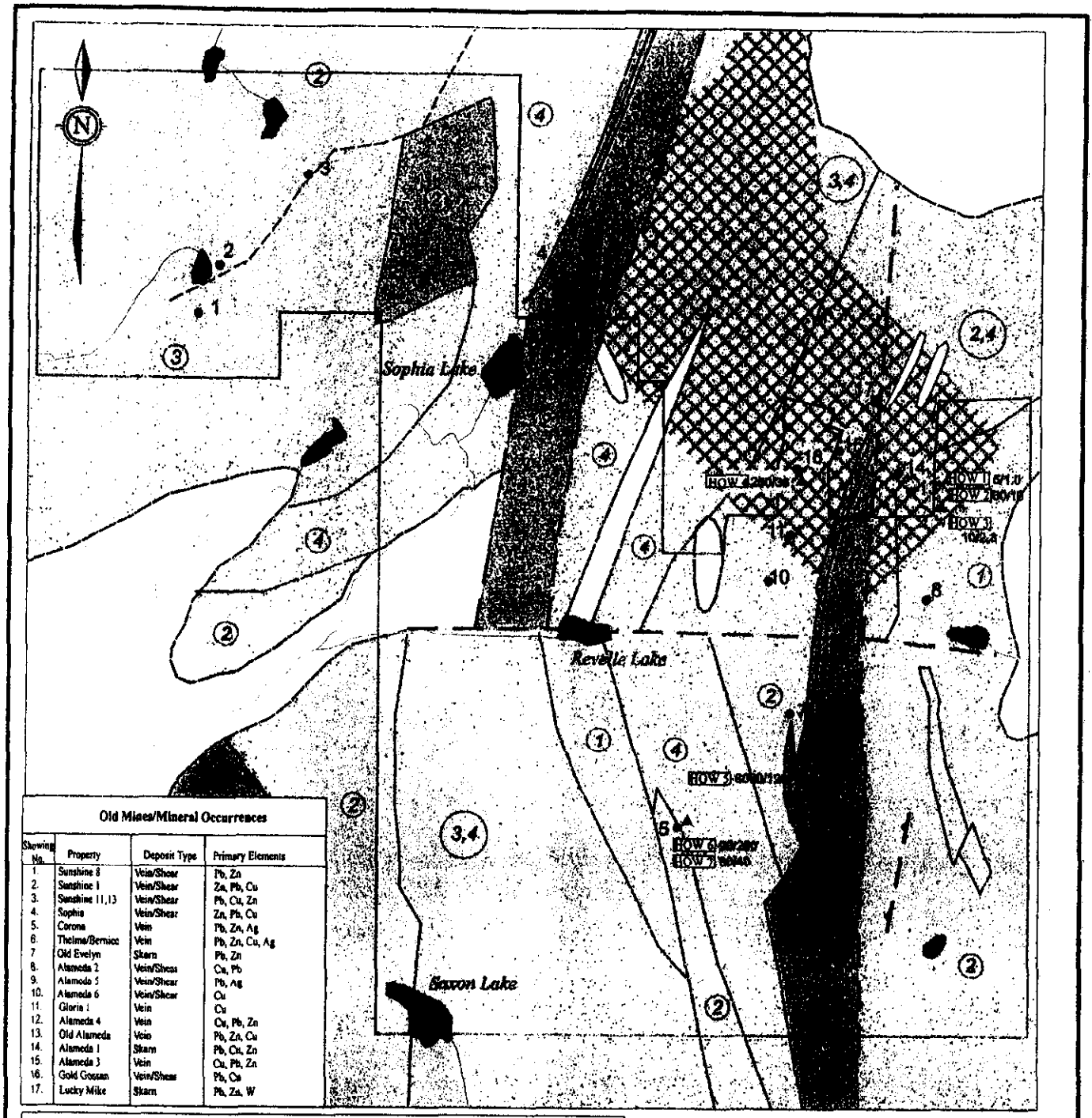
REGIONAL GEOLOGY

PROJECT
Nicola Mining Division, B.C.

Project No:	CC01	By:	C.K.
Scale:	1:250,000	Drawn:	C.K.
Figure:	3	Date:	November 1997

CME



Old Mines/Mineral Occurrences

Showing No.	Property	Deposit Type	Primary Elements
1.	Sunshine 8	Vein/Shear	Pb, Zn
2.	Sunshine 1	Vein/Shear	Zn, Pb, Cu
3.	Sunshine 11,13	Vein/Shear	Pb, Cu, Zn
4.	Sophia	Vein/Shear	Zn, Pb, Cu
5.	Corona	Vein	Pb, Zn, Ag
6.	Thelma/Bernice	Vein	Pb, Zn, Cu, Ag
7.	Old Evelyn	Skarn	Pb, Zn
8.	Alameda 2	Vein/Shear	Cu, Pb
9.	Alamoda 5	Vein/Shear	Pb, Ag
10.	Alameda 6	Vein/Shear	Cu
11.	Gloria 1	Vein	Cu
12.	Alameda 4	Vein	Cu, Pb, Zn
13.	Old Alameda	Vein	Pb, Zn, Cu
14.	Alameda 1	Skarn	Pb, Cu, Zn
15.	Alameda 3	Vein	Cu, Pb, Zn
16.	Gold Gossan	Vein/Shear	Pb, Cu
17.	Lucky Mike	Skarn	Pb, Zn, W

LEGEND

Geology

Quaternary
- Alluvium

Jurassic
- 1: Sandstone, pebble conglomerate
- 2: Boulder conglomerate
- Limestone

Triassic
- Diorite

Nicola Group
- Limestone
- 1: Dacite/Rhyolite tuff
- 2: Andesite-Dacite breccia
- 3: Andesite breccia
- 4: Andesite & basalt flows

Extent of Skarn Alteration

Symbols
- Lithological Contact
- Fault (arrow on downthrown side)
- Old Mine/Mineral Occurrence
- ▲ HOW 4 250/38 Rock Sample Number with gold(ppb)/silver(ppm) results
- Property Outline
- Lakes and Creeks

0 0.5 1 km

After Open File 1990-29 (Sheet 2 Of 2)
Figure 4: Geology of the Swakum Mountain area

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PROPERTY GEOLOGY AND MINERAL OCCURRENCE

PROJECT

Nicola Mining Division, B.C.

Project No:	CC01	By:	C.N.
Scale:	1:50,000	Drawn:	C.K.
Figure:	4	Date:	November 1997

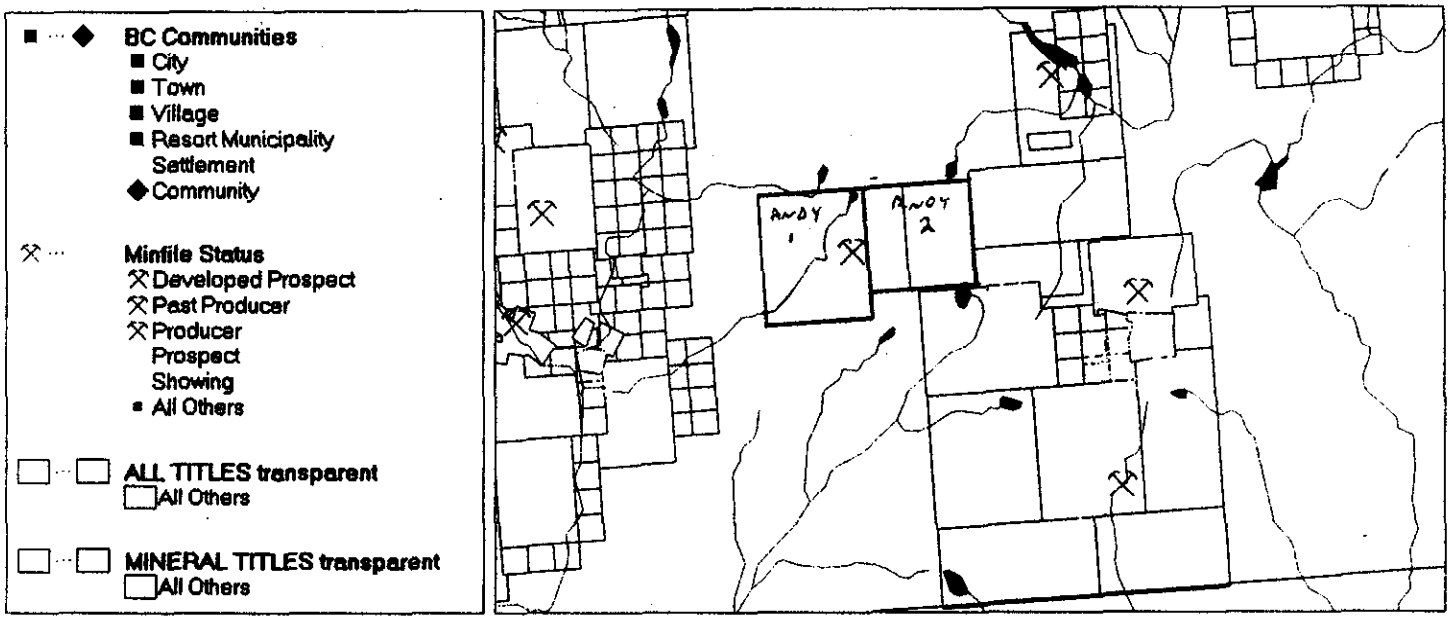
CME

Sunshine Zones Geo Information

located within Andy Claims

previous work

B.C. Ministry of Energy and Mines



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MILES

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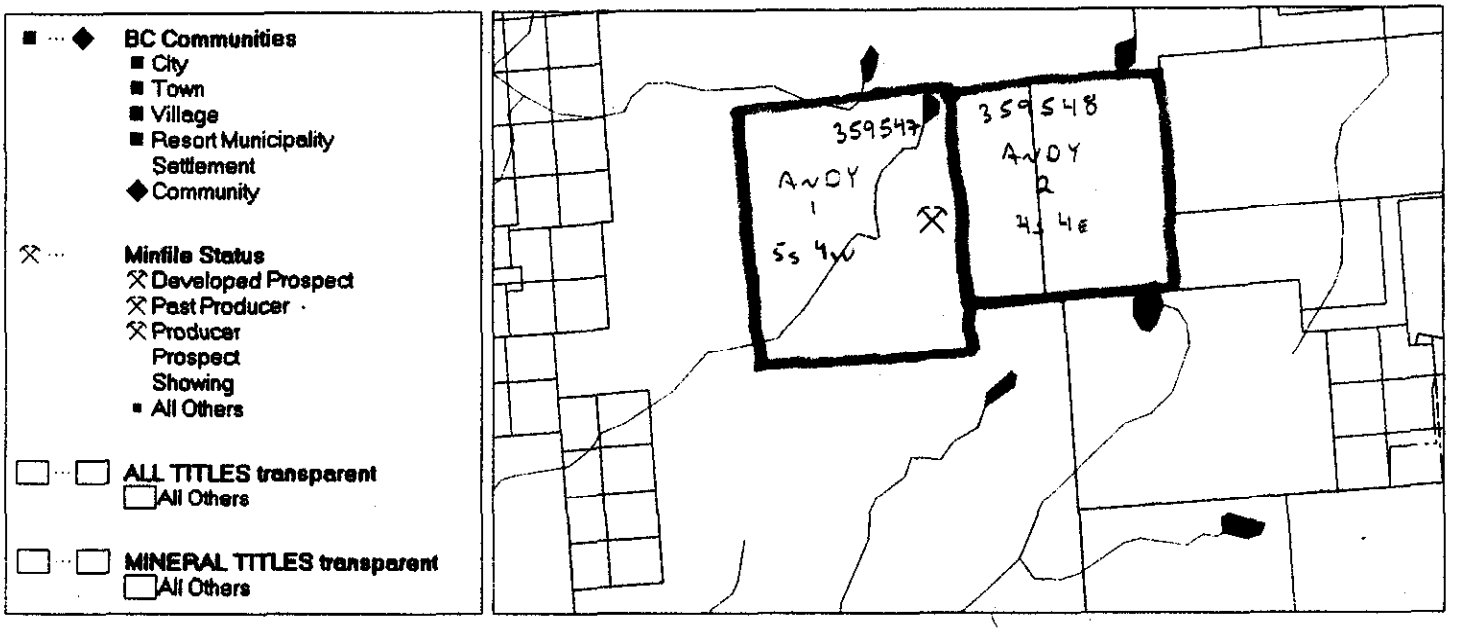

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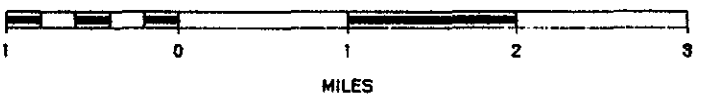

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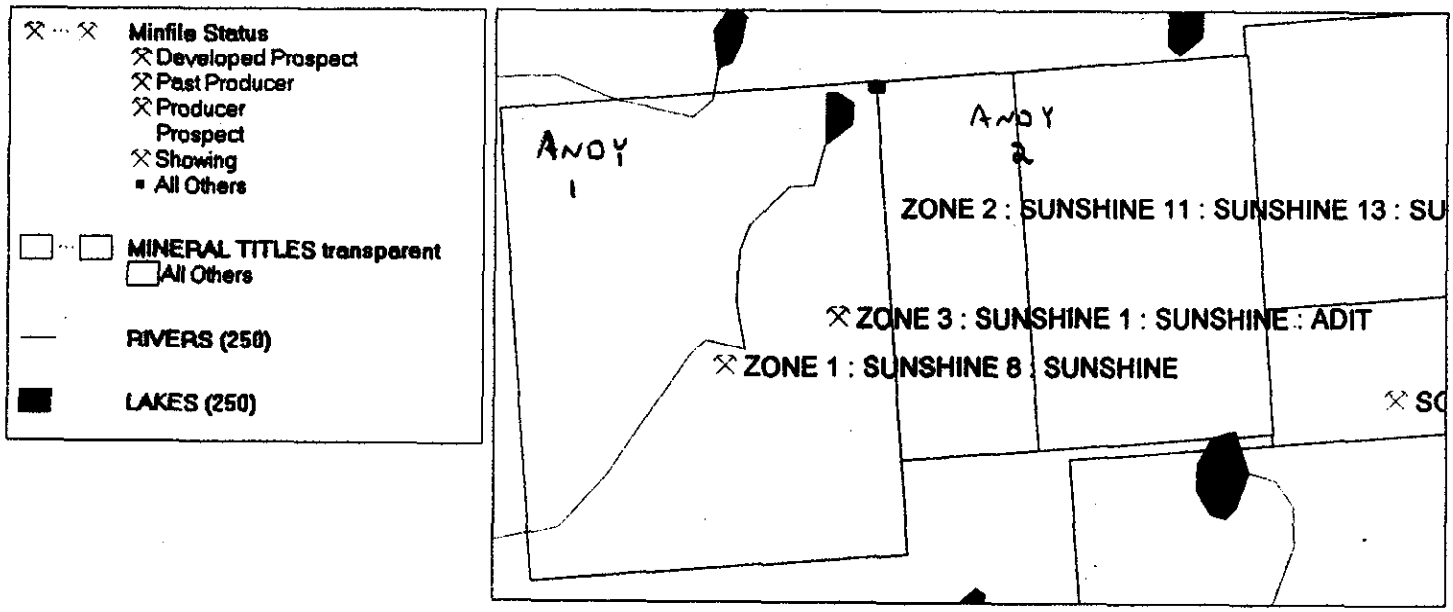

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Back to Main Search Menu

Capsule Geology and Bibliography

092ISE127

Name	ZONE 1	**Mining Division**	Nicola
Status	Showing	**NTS**	092I07W NAD 27
Latitude Longitude	50 18 33 N 120 46 27 W	**UTM**	10 5575158 658501
Commodities	Zinc Lead	**Deposit Types**	I05: Polymetallic veins Ag-Pb-Zn±Au.

Capsule Geology	The Tolman Lake area is underlain by intermediate volcaniclastic and flow rocks of the Upper Triassic Nicola Group which are intruded by Lower Jurassic granitic batholiths several kilometres to the east and west. A strongly brecciated shear zone strikes 045 degrees and dips steeply to the northwest and is apparently continuous over a strike length of 2000 metres. This structure hosts 3 zones of mineralization. Zone 1 is located approximately 650 metres southwest of Zone 3 (092ISE129) on the west side of Tolman Lake. Open cuts expose a shear striking 085 degrees and dipping 65 degrees to the north within andesitic tuffs. The shear varies in width from 3 to 8 metres and contains steeply dipping quartz stringers which coalesce downward into a 30 to 60 centimetre wide vein. The vein is fractured and in places brecciated. The fractures are mineralized with sphalerite and minor galena.

Bibliography	EMPR AR 1965-150; 1966-165 EMPR GEM 1969-269; 1971-344 EMPR EXPL 1977-E144 EMPR ASS RPT 2970, *6742, 8036 GSC MEM 249 GSC MAP 886A GSC OF 980 EMR MP CORPFILE (San Doh Mines Ltd.; Vastlode Mining Co. Ltd.; CDR Resources Inc.; Ruskin Developments Ltd.) EMPR EXPL 1989-119-134

Go to: Main Search Menu ; MINFILE Name/No. Search ; Commodity/Status/NTS Search ; Deposit Type Search

Back to the MINFILE Home page

Last updated January 18, 1998.

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Back to Main Search Menu

Capsule Geology and Bibliography

092ISE128

Name	ZONE 2	**Mining Division**	Nicola
Status	Prospect	**NTS**	092I07W NAD 27
Latitude **Longitude**	50 18 58 N 120 45 42 W	**UTM**	10 5575971 659359
Commodities	Zinc Lead Copper Silver	**Deposit Types**	I05: Polymetallic veins Ag-Pb-Zn±Au.

Capsule Geology	The Tolman Lake area is underlain by intermediate volcaniclastic and flow rocks of the Upper Triassic Nicola Group. These are intruded by Lower Jurassic granitic batholiths several kilometres to the east and west. A strongly brecciated shear zone strikes 045 degrees and dips steeply to the northwest within Nicola Group andesite and is apparently continuous over a strike length of 2000 metres. This structure hosts three mineralized zones. Zone 2 is located approximately 650 metres northeast of Zone 3 (092ISE129). For 46 metres along the strike of the zone, four trenches expose brecciated andesitic tuffs mineralized with quartz, sphalerite, pyrite, chalcopyrite and galena. The quartz stringers and sulphides lie in two principal directions; one strikes east and dips 75 degrees north and the second strikes 045 degrees and dips 80 degrees southeast. The mineralized brecciated andesitic tuffs are cut by several unmineralized steep faults trending east and northwest. Combined average assay results from diamond drilling were 0.157 per cent lead, 4.10 per cent zinc, 2.4 grams per tonne silver and 0.17 per cent copper over 3.25 metres; gold averaged less than 0.1 grams per tonne (Assessment Report 8036). Inferred reserves are 45,359 to 54,431 tonnes based on a width of 8 metres, length of 50 metres and depth of 30 metres (Assessment Report 6742).

Bibliography	EMPR AR *1965-150; 1966-165 EMPR GEM 1969-269; 1971-344 EMPR EXPL 1977-E144; 1980-226 EMPR ASS RPT 2970, *6742, *8036 GSC MEM 249 GSC MAP 886A GSC OF 980 EMR MP CORPFILE (San Doh Mines Ltd.; Vastlode Mining Co. Ltd.; CDR Resources Inc.; Ruskin Developments Ltd.) EMPR EXPL 1989-119-134

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Back to Main Search Menu

Capsule Geology and Bibliography

092ISE129

Name	ZONE 3	**Mining Division**	Nicola
Status	Developed Prospect	**NTS**	092I07W NAD 27
Latitude **Longitude**	50 18 40 N 120 45 56 W	**UTM**	10 5575385 659100
Commodities	Zinc Lead Copper Silver	**Deposit Types**	I05: Polymetallic veins Ag-Pb-Zn±Au.

Capsule Geology	The Tolman Lake area is underlain by intermediate volcaniclastic and flow rocks of the Upper Triassic Nicola Group. These are intruded by the Guichon Creek batholith 5 kilometres to the west and the Nicola batholith 9 kilometres to the east, both of which are granitic in composition and Lower Jurassic in age. A strongly brecciated shear zone within Nicola Group andesite strikes 045 degrees, dips steeply to the northwest and is apparently continuous over a strike length of 2000 metres. This structure hosts three zones of mineralization. In Zone 3, galena, sphalerite, chalcopyrite, pyrite and pyrrhotite occur in a brecciated zone with a quartz-calcite matrix. The hangingwall consists of bleached and pyritic andesite which grades into numerous quartz and calcite veins carrying sphalerite and galena. The footwall consists of highly silicified andesite containing unmineralized quartz and calcite veins. The mineralized brecciated zone varies in width up to 6.5 metres and is cut and slightly offset by several near-vertical, north trending faults. Zone 3 has been tested by diamond drilling and underground development to a depth of 50 metres over a length of 165 metres. In 1971, unclassified reserves are 258,5233 tonnes averaging 1.69 per cent lead, 4.8 per cent zinc, 0.18 per cent copper and 12.34 grams per tonne silver. The grade is difficult to determine due to very poor drill core recovery. The grade is based on drill core and adit sampling (Elwell, 1971).

Bibliography	EMPR AR *1967-162; 1968-196 EMPR GEM 1969-269; 1971-344; 1972-158 EMPR EXPL 1977-E144; 1978-E161; 1980-226 EMPR ASS RPT 2970, *6742, *8036 GCNL Jan.23,Feb.27, 1980 EMPR PF (Report by J.P. Elwell, 1971) GSC MEM 249 GSC MAP 886A GSC OF 980 EMR MP CORPFILE (San Doh Mines Ltd.; Vastlode Mining Co. Ltd.; CDR Resources Inc.; Ruskin Developments Ltd.) EMPR EXPL 1989-119-134 EMR MIN BULL MR 223 B.C. 138

Go to: Main Search Menu ; MINFILE Name/No. Search ; Commodity/Status/NTS Search ; Deposit Type Search

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4.0 Economic Setting, Mineral Occurrences

Volcanogenic sulphide deposits are presently the most economically significant exploration targets within the How Group volcanic rocks.

Listed below are known deposits within general area, sample and deposit values for following are outlined in Prevous work.

Exact locations for occurrences are shown in fig 3

OLD MINES AND OR MINERAL OCCURRENCES

Property	Deposit Type	Primary Elements
Sophia	Vein/Shear	Zn,Pb,Cu
Corona	Vein	Zn,Pb.Ag
Thelma/Bernice	Vein	Pb,Zn,Cu,Ag
Alameda 1	Skarn	Pb,Cu,Zn
Alameda 2	Vein/Shear	Cu,Pb
Old Alameda	Vein	Pb,Zn,Cu

Property	Deposit Type	Primary Elements
Alameda 3	Vein	Cu,Pb,Zn
Alameda 4	Vein	Cu,Pb,Zn
Alameda 5	Vein/Shear	Pb.Ag
Alameda 6	Vein/Shear	Cu
Lucky Mike/Last Chance	Skarn	Pb,Zn,W

5.0 New Exploration

Phase 1 Exploration

Phase 1 "a" exploration consisted of an extensive traversing and rock sampling program. As well as numerouse silt samples This program was initiated to explore claim area and to see if anomalous zones, which were discovered during earlier exploration but not completely followed up on extend farther than previously thought This part of the program started at outcropping's that had visible chalcopyrite, pyrite, and sulphide mineralization. As well as extending off known mineral occerances in area.
some of the geochemical hilights are:

SAMPLE NUMBER	RESULTS
980702	1851 ppm Mn, 12.42% Ca
980703	5235 ppm Cu, 14615 ppm Pb 575ppb Au

Rock samples were collected from various locations though out the claim area These samples were taken by exstensive traversing over claims, rock chip and grab samples locations are marked on map fig 4.

A total of 22 rock samples were taken from exposed mineralized outcropping at existing mineral occurrences and expanded outward to cover entire claim area.
Sample highlites are as follows:

SAMPLE NUMBER	RESULTS
980701	700 ppm Mn 1080 ppb Au
98080201	36 ppm W , 56 ppm Zn
98080304	2065 ppm Mn ,
98080303	398 ppm Cu, 1846 ppm P

Silt Samples

This phase consisted of silt samples taken from within creeks running through out claim area (obtained by traversing creeks). Silt samples were taken from active channels at 2kg of fine granulated silt.

Results from some of these samples are as follows:

SAMPLE NUMBERS	RESULTS
980701	1080 ppm Au
980702	12.42 % Ca ,1851 ppm Mn

6.0 Analitical Methods

All samples have been analyzed for gold and all base minerals (Au, ICP). Rock samples have been crushed and sieved at 0.80 mesh. Soil and silt samples were dried at 75 degrees centigrade. Then sieved at 0.80 mesh. Result proceedure consists of 0.8 gr. digested in dilute Aqua-Regio in boiling water for up to 2 hours, balked with demineralized water and analyzed by atomic absorption. Sensitivity for such analytical results is 1 ppm.

Statement of Expenditures

ITEM	DAYS	COST PER DAY	TOTAL
Manpower			
Supervisor	03	$250.00	$ 750.00
Local labor	03	$150.00	$ 450.00
Accommodations	03	$100.00	$ 300.00
Food	05	$100.00	$ 500.00
Transportation	05	$150.00	$ 750.00
Fuel	05	$ 35.00	$ 175.00
Supplies			$ 150.00
Administration costs	Prospecting Report & misc.		$ 325.00
Lab Processing		22 samples @ $ 15.00 each	$ 330.00

TOTAL COSTS.....$3730.00

8.0 Dates on Site

1. **June 1 1998**
2. **June 2 1998**
3. **June 3 1998**
4. **June 4 1998**
5. **June 5 1998**

9.0 Conclusions

1. Geological and geochemical exploration of the Andy claims has resulted in the exposure of anomalous zones of Au, Ag,Cu, Zn. and WO₃. Geochemistry is located in an area that is underlain by the altered volcanic rocks of the Triassic Nicola Group.

2. The Andy Claims lie within a favourable geological enviroment.Historical work has been confined to the old workings (skarn type deposits) leaving the remainder of the claim area open for additional new exploration.

3. Further exploration of the Andy property is recommened

10.0 Statement of Qualifications

I Larry Crittenden, do hearby certify:

1. That I have been a professional prospector for approximately 14 years, working for numerous different companies and clients as well as for myself. I have also been employed in mineral exploration overseas as a project manager.

2. That the opinions and conclusions contained herein are based on fieldwork carried out by C.M.E. Consulting personel.

3. That I own no direct, indirect or contingent interest in the subject properties or shares or securities in any associated companies.

Vancouver, B.C.

Feb 1999

LARRY CRITTENDEN

References

1 ***C***ourtney 1972

2 ***H***unter 1991

3 ***K***elly 1972

4 ***B.C*** Ministry of Energy and Mines

Appendex 2

B.C. Ministry of Energy and Mines

Mineral Titles Searchable Database

Tenure Number 359547

Tenure Number	359547
Old Tenure Number	359547
Locator	130134
Locator Name	CRITTENDEN, LARRY LEE
Claim Name	ANDY 1
Primary Map/Quadrant	092I07W-C
Completion Date	19971004
Work Recorded To	19991004
Status	Good Standing 19991004
Tenure Type	M
Tenure Sub-Type	C
Claim Type	4
Mining Division	14 Nicola
Tag Number	236101
Number of Units	20
Hectares	.000
Posts not Placed	0
Termination Date	0
Termination Code	
Protection	N
Land District	0
Land District	0
Land District	0
Plotted On Map	Y
Issue Date	19971004
Issue Recording Date	0
Application Date	19971004
Application Recording Date	19971007

Shortcuts: Main Menu Free Miner Tenure Number Owner Locator Map Claim Name Tag Number Lot

B.C. Ministry of Energy and Mines

Mineral Titles Searchable Database

Tenure Number 359548

Tenure Number	359548
Old Tenure Number	359548
Locator	130134
Locator Name	CRITTENDEN, LARRY LEE
Claim Name	ANDY 2
Primary Map/Quadrant	092I07W-C
Secondary Map/Quadrant	092I07E-B
Completion Date	19971005
Work Recorded To	19991005
Status	Good Standing 19991005
Tenure Type	M
Tenure Sub-Type	C
Claim Type	4
Mining Division	14 Nicola
Tag Number	236102
Number of Units	16
Hectares	.000
Posts not Placed	0
Termination Date	0
Termination Code	
Protection	N
Land District	0
Land District	0
Land District	0
Plotted On Map	Y
Issue Date	19971005
Issue Recording Date	0
Application Date	19971005
Application Recording Date	19971007

B.C. Ministry of Energy and Mines

Mineral Titles Searchable Database

Tenures with Tenure Number = 359547:

There was 1 result.

Tenure Number	Claim Name	Owner Number	Map Number	Work Recorded To	Status	Mining Division	Units	Tag Number
	ANDY 1	100%	092107W	19991004	Good Standing 19991004	14 Nicola	20	236101

Shortcuts: Main Menu Free Miner Tenure Number Owner Locator Map Claim Name Tag Number Lot Glossary

B.C. Ministry of Energy and Mines

Mineral Titles Searchable Database

Tenures with Tenure Number = 359548:

There was 1 result.

Tenure Number	Claim Name	Owner Number	Map Number	Work Recorded To	Status	Mining Division	Units	Tag Number
	ANDY 2	100%	092107W	19991005	Good Standing 19991005	14 Nicola	16	236102

Your use of this site is subject to this disclaimer.

Shortcuts: Main Menu Free Miner Tenure Number Owner Locator Map Claim Name Tag Number Lot Glossary

ROSSBACHER LABORATORY LTD.

CERTIFICATE OF ANALYSIS

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

To : CME & COMPANY
PO 199 Victory House,Le Truchot, StPeterPort
Guernsey GYI 4JQ , Channel Islands.

Project: Ted Hayes - Andy.

Type of Analysis: ICP

Certificate: 98162-I
Invoice: 50898
Date Entered: 98-08-07
File Name: CME98162.I
Page No.: 1

PRE FIX	SAMPLE NAME	PPB Au AA	PPM Ag	% Al	PPM As	PPM Ba	PPM Be	PPM Bi	% Ca	PPM Cd	PPM Co	PPM Cr	PPM Cu	% Fe	% K	PPM La	% Mg	PPM Mn	PPM Mo	% Na	PPM Ni	PPM P	PPM Pb	PPM Sb	PPM Se	% Sr	PPM Sr	PPM Ti	PPM V	PPM W	PPM Zn
A1	98080201	5	0.2	0.51	5	185	1	2	1.48	0.5	6	37	13	3.15	0.25	11	0.13	665	4	0.02	5	601	8	2	<5	0.03	14	0.02	6	36	56
A1	98080202	5	0.2	0.16	2	422	1	2	0.98	0.2	4	59	14	1.22	0.13	15	0.04	806	2	0.03	3	393	2	8	<5	0.02	34	0.02	5	2	24
A1	98080203	5	0.2	0.57	2	77	1	2	2.51	0.2	5	42	15	2.04	0.25	6	0.25	556	2	0.02	3	571	3	6	<5	0.02	28	0.02	3	4	58
A1	98080381	5	0.2	1.61	6	28	1	4	2.14	0.7	16	21	24	4.56	0.07	2	1.54	1878	2	0.04	5	535	5	16	<5	0.02	57	0.28	117	6	63
A1	98080382	5	0.2	1.84	8	29	1	2	1.90	0.2	12	39	23	3.43	0.03	1	1.29	738	2	0.04	5	466	6	4	<5	0.02	56	0.26	111	2	63
A1	98080383	5	0.2	2.23	13	22	1	8	1.69	1.0	28	35	398	4.20	0.02	6	2.23	1282	2	0.03	19	1846	19	14	<5	0.03	58	0.61	149	2	84
A1	98080384	5	0.5	0.33	2	181	1	14	8.81	1.3	9	15	35	3.44	0.03	8	2.74	2965	2	0.03	5	361	7	13	<5	0.03	86	0.02	81	2	84
A1	98080385	5	0.2	1.87	14	12	1	6	3.72	0.8	14	23	52	3.65	0.02	4	1.38	1817	2	0.04	7	732	3	9	<5	0.02	38	0.35	129	2	88
A1	98080386	5	0.2	1.94	6	228	1	2	1.24	0.7	21	16	77	4.37	0.04	6	1.35	945	2	0.05	6	535	5	11	<5	0.02	24	0.27	155	2	71
A1	98080387	5	0.2	1.59	19	32	1	2	0.53	0.2	9	11	34	4.27	0.01	3	1.24	596	2	0.03	4	914	4	8	<5	0.02	21	0.41	142	2	50

CERTIFIED BY : Rossbacher

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Managing Consultants Inc. PROJECT SWAK File # 9802337
302 - 856 Homer St., Vancouver BC V6B 2W5 Submitted by: Ted Hayes

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
1901	<1	6	<3	68	<.3	22	22	840	4.80	6	<8	<2	<2	62	.3	<3	<3	96	2.59	.131	18	27	2.70	50	.01	<3	2.62	.04	.14	<2	<1
1902	<1	15	<3	51	<.3	3	2	1029	1.20	<2	<8	<2	<2	8	<.2	<3	<3	3	.87	.027	1	8	.06	99	<.01	<3	.19	.04	.05	3	<1
1904	1	9	<3	231	<.3	25	30	1997	7.56	5	24	<2	<2	130	3.2	<3	<3	49	8.27	.091	3	3	1.68	92	<.01	<3	.34	.02	.22	<2	<1
1905	<1	2	3	78	<.3	4	6	1121	2.81	2	<8	<2	<2	48	1.1	<3	<3	9	3.81	.071	8	4	.39	734	<.01	<3	.31	.05	.14	<2	1
1906	1	26	6	80	<.3	9	17	1493	4.28	26	<8	<2	<2	28	.6	<3	<3	30	3.77	.099	13	2	.16	63	<.01	<3	.54	.01	.34	<2	1
1907	<1	39	9	68	<.3	24	28	3261	5.19	4	26	<2	<2	114	1.3	<3	<3	101	8.22	.104	6	22	2.08	520	.01	<3	2.13	.01	.21	<2	6
RE 1907	<1	41	<3	70	<.3	25	29	3392	5.36	7	28	<2	<2	118	1.2	<3	<3	104	8.54	.107	6	22	2.15	540	.01	<3	2.21	.01	.21	<2	2
1908	2	2	<3	10	<.3	1	2	2134	.51	<2	<8	<2	8	292	1.1	<3	<3	3	32.30	.027	<1	<1	.14	10	<.01	<3	.05	<.01	.01	<2	1
1910	3	8	3	39	<.3	3	8	447	2.33	<2	<8	<2	4	17	<.2	<3	<3	22	.64	.061	11	10	.67	63	.05	<3	.92	.03	.19	3	10
1911	4	12	9	44	.4	30	34	1409	5.02	25	<8	<2	3	50	.8	<3	<3	33	5.02	.143	4	6	.89	26	<.01	<3	.38	.03	.14	<2	5
STANDARD C3/AU-R	26	65	38	178	5.5	37	13	792	3.45	59	24	4	21	29	24.5	18	23	82	.56	.091	17	174	.62	151	.09	21	1.98	.04	.16	19	535
STANDARD G-2	1	3	4	43	<.3	7	4	510	1.97	<2	<8	<2	4	70	<.2	<3	<3	39	.63	.093	6	72	.57	219	.12	<3	.92	.07	.45	2	1

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 22 1998 DATE REPORT MAILED: June 24/98 SIGNED BY. C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Managing Consultants Inc. PROJECT SWK File # 9802992
302 - 856 Homer St., Vancouver BC V6B 2W5 Submitted by: Ted Hayes

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
980701	2	20	3	76	.4	15	13	700	4.93	7	<8	<2	2	34	.4	<3	<3	132	.60	.059	5	50	.57	112	.13	<3	1.23	.02	.06	<2	1080

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
- SAMPLE TYPE: SILT AU* - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)

DATE RECEIVED: JUL 22 1998 DATE REPORT MAILED: July 29/98 SIGNED BY C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data FA

ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)
852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

CME Managing Consultants Inc. PROJECT SWK File # 9802993

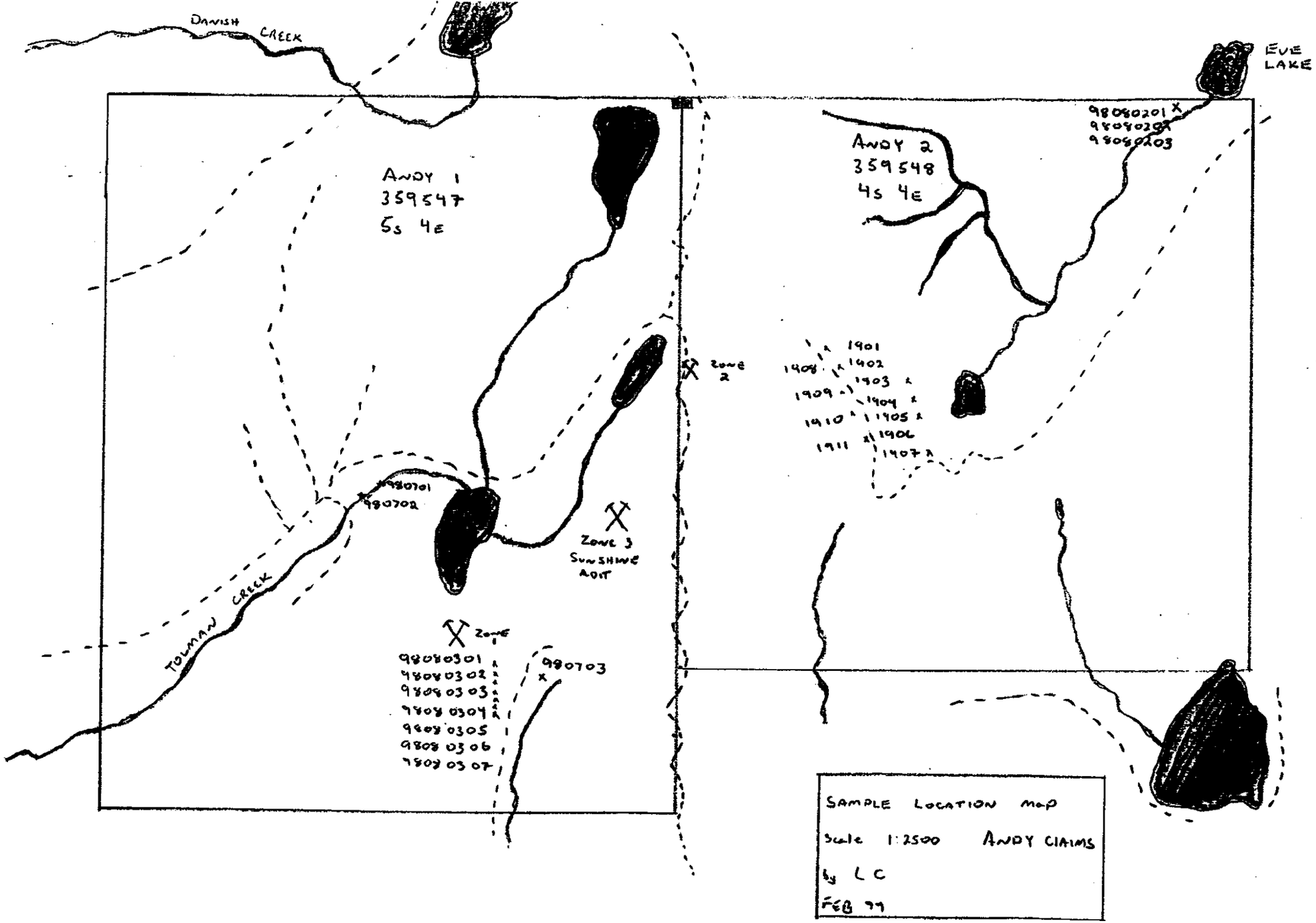
302 - 856 Homer St., Vancouver BC V6B 2W5 Submitted by: Ted Hayes

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
980702	1	22	<3	122	.3	60	27	1851	4.77	24	<8	<2	<2	96	.5	<3	<3	127	12.42	.057	6	152	2.56	61	.03	<3	3.14	.02	.11	<2	4
980703	2	5217	14708	3979	25.3	4	9	78	10.89	398	<8	<2	<2	13	14.9	13	3	40	.10	.005	<1	16	.03	25	<.01	<3	.37	.01	.04	18	524
RE 980703	3	5235	14615	4034	25.7	4	9	81	10.99	405	<8	<2	<2	13	15.1	15	6	40	.07	.005	1	19	.02	28	<.01	<3	.37	.01	.05	19	575

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND MASSIVE SULFIDE AND LIMTED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUL 22 1998 **DATE REPORT MAILED:** July 29/98 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data 4 FA ___


DAVISH CREEK
ANDY 1
359547
5S 4E
ANDY 2
359548
4S 4E
EVE LAKE
980680201
980680202
980680203
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910
1911
Zone 2
980701
980702
Zone 3
SUNSHINE ADIT
TOLMAN CREEK
Zone 1
980680301
980680302
980680303
980680304
980680305
980680306
980680307
980703
SAMPLE LOCATION map
Scale 1:2500 ANDY CLAIMS
by L C
FEB 99