

ARIS SUMMARY SHEET

District Geologist, Nelson

Off Confidential: 90.01.10

ASSESSMENT REPORT 18518

MINING DIVISION: Nelson

PROPERTY: Hungary Man

LOCATION: LAT 49 25 00 LONG 117 29 00  
UTM 11 5473669 464942  
NTS 082F06W

CAMP: 004 Ymir - Nelson Area

CLAIM(S): Connor, Hungary Man, Anne-Marie 4-5, Jo-Anne 2, Root 2

OPERATOR(S): Cream Silver Mines

AUTHOR(S): Akhurst, W.K.

REPORT YEAR: 1989, 54 Pages

COMMODITIES

SEARCHED FOR: Gold, Silver

KEYWORDS: Jurassic, Elise Formation, Nelson Plutonic Rocks, Andesite, Diorite  
WORK

DONE: Geological, Geochemical, Geophysical, Physical

EMGR 9.3 km; VLF

Map(s) - 2; Scale(s) - 1:2500

GEOL 500.0 ha

Map(s) - 4; Scale(s) - 1:300, 1:2500

LINE 17.0 km

MAGG 5.7 km

Map(s) - 1; Scale(s) - 1:2500

RECL

ROAD 0.9 km

ROCK 41 sample(s) ; ME

SOIL 222 sample(s) ; ME

Map(s) - 3; Scale(s) - 1:2500, 1:5000

TREN 30.0 m 4 trench(es)

RELATED

REPORTS: 07901, 08881, 09031, 12082, 17292

MINFILE: 082FSW

CREAM SILVER MINES LIMITED

GEOCHEMICAL, GEOPHYSICAL  
AND GEOLOGICAL REPORT  
ON THE CONNOR CREEK PROPERTY  
NELSON MINING DIVISION, B.C.

NTS 92F/06W

By

Kent Akhurst, B.Sc. F.G.A.C.

February 1989

FILMED

LOG NO: 0310 RD.

ACTION:

FILE NO:

CLAIMS WORKED

CLAIM NAME	UNITS	RECORD NO.	ANNIVERSARY DATE
ANNE-MARIE 4	16	4797	August
CONNOR	6	1100	June
HUNGARY MAN	1	L4083	Crown Grant
JO-ANNE 2	20	3284	July
ROOT 3	1	1069	May

LOCATION: 49°25' N, 117°29' W

OWNERS: A.C. METCALFE  
CREAM SILVER MINES LTD.  
NORAMEX MINERALS INC.

OPERATOR: CREAM SILVER MINES LTD.

CONSULTANT: ARCHEAN ENGINEERING LTD.

PROJECT GEOLOGICAL BRANCH  
GEOLOGICAL BRANCH  
KENT AKHURST  
ASSESSMENT REPORT

18,518

**GEOCHEMICAL, GEOPHYSICAL  
AND GEOLOGICAL REPORT  
ON THE CONNOR CREEK PROPERTY  
NELSON MINING DIVISION, B.C.**

**SUMMARY**

The Connor Creek claim group is located approximately 20 km southwest of the city of Nelson in southeastern British Columbia. A programme of linecutting followed by geological mapping, geochemical, and magnetometer surveying was carried out by Mark Management Limited for the property operator, Cream Silver Mines Ltd. Further geophysical surveys consisting of detailed magnetometer and Genie horizontal-loop E.M. were conducted by Peter Walcott and Associates for Cream Silver Mines Limited. Results of this programme outlined two E.M. anomalies with one having corresponding magnetic high readings. Because one of the anomalies extended beyond the boundaries of the claim group, the Anne-Marie 5 claim was staked. This claim extended the original claim group to the west.

A soil sampling programme was conducted over several geophysically anomalous areas. Due to the thickness of overburden, geochemical results from the Jo-Anne 2 grid were inconclusive.

Based on the results of Peter Walcott's survey, a small trenching program was performed along Connor Creek. Due once again to the thickness of the overburden in the area, all trenches were far shorter in length than originally planned, with corresponding fewer samples taken.

On the Anne-Marie 4 grid both anomalous gold and zinc results were returned from a soil sampling program. This program was conducted to delineate on surface two massive sulphide outcrops discovered during a reconnaissance geology traverse. Soil samples taken in the vicinity of these outcrops returned anomalous gold values ( 960 ppb and 1000 ppb). Anomalous Zinc values (4980 and 4150 ppm) were detected to the south-east of the same massive sulphides. At the present time gold and zinc anomalies are open to the north, west and south. Due to encouraging results the Anne-Marie 5 claim was staked to cover open ground to the south and west.

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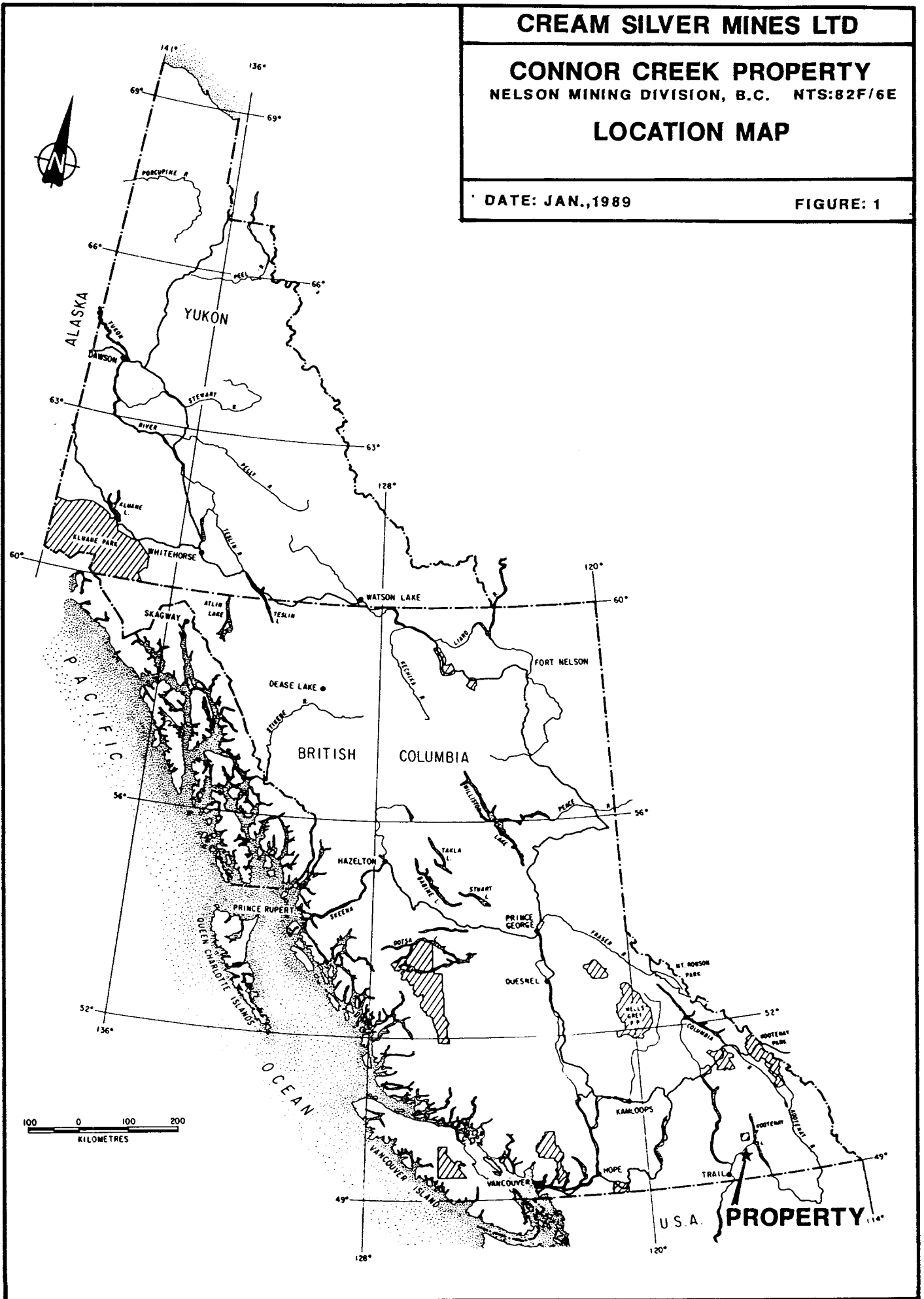
**CREAM SILVER MINES LTD**

**CONNOR CREEK PROPERTY**  
NELSON MINING DIVISION, B.C. NTS:82F/6E

**LOCATION MAP**

DATE: JAN., 1989

FIGURE: 1



**CONNOR CREEK CLAIMS  
NELSON MINING DIVISION**

**1.0 INTRODUCTION**

The Connor Creek Claim Group consisted of six units, in one claim group, and one Crown Grant when the property was optioned by Cream Silver Mines Ltd. A further 66 units in 4 claim groups were added during the summer of 1987.

Between May 28 and October 6, 1988 a geophysical reconnaissance programme was undertaken to define and expand a several areas of interest that had been outlined by an earlier aerial geophysical survey conducted by Aerodat Limited of Mississauga, Ontario. Based on this information a programme of linecutting, soil sampling, and magnetometer and/or VLF-EM surveys were carried out by Mark Management Limited for the property owner, Cream Silver Mines Limited.

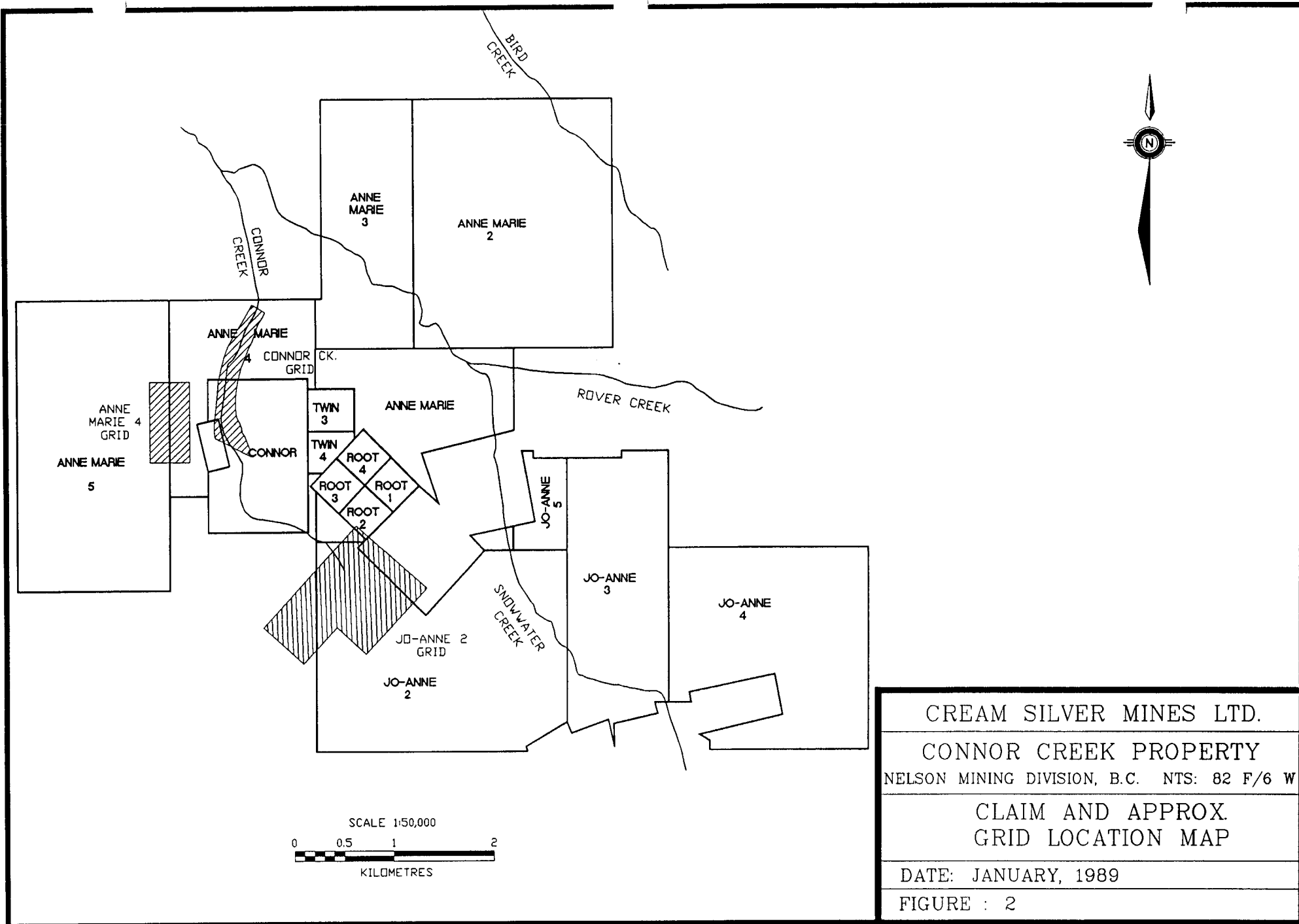
Results of the preliminary programme led to further detailed geophysical surveys on two areas of interest by Peter Walcott and Associates. This survey is covered in a separate report. One of these areas of interest was trenched during the fall, results of this programme are discussed further in this report. Based on results of this summer's field programme the Anne-Marie 5 claim was staked to cover open ground to the west of the claim group.

**1.1 LOCATION AND ACCESS**

The Connor Creek Group is located approximately 29 km southwest of the city of Nelson, B.C. (see Figure 1). It is located in NTS Quadrangle 82F/06W. Terrestrial co-ordinates for the center of the property are:

49<sup>o</sup>25' North Latitude  
117<sup>o</sup>28' West Longitude

The property is accessible by road and is located four km west from a turn-off located three km from the start of the Rover Creek Forestry Access Road.



CREAM SILVER MINES LTD.
CONNOR CREEK PROPERTY
NELSON MINING DIVISION, B.C. NTS: 82 F/6 W
CLAIM AND APPROX. GRID LOCATION MAP
DATE: JANUARY, 1989
FIGURE : 2



## 1.2 PHYSIOGRAPHY, VEGETATION AND CLIMATE

The area encompassed by this report falls entirely within the Bonnington Range of the Selkirk Mountains. This area is characterized by having rounded, wooded mountains.

Due to the prevailing westerly winds this area has the highest precipitation of anywhere to the west except for the Coast Mountains. The climate is moderate and healthful. Nelson has an average annual maximum temperature of 35°C and an annual minimum of -20°C (Little, 1960)

Elevations on the property range from 900 m to 1300 m.

The Connor Creek claim group is generally located in mature forest with little secondary growth. What secondary growth there is, is mainly confined to previously logged areas, creek drainages and wet gullies.

## 1.3 CLAIM INFORMATION

### CLAIM STATUS

The Connor Claims are located in the Nelson Mining Division and are comprised of six claims, consisting of 90 units, and 1 Crown Grant (see Figure 2). Claim information is listed in Table 1 below:

**TABLE 1  
CLAIM STATUS**

CLAIM NAME	UNITS	RECORD NO.	ANNIVERSARY DATE
ANNE-MARIE	20	4772	August 10
ANNE-MARIE 2	20	4775	August 13
ANNE-MARIE 3	10	4776	August 13
ANNE-MARIE 4	16	4797	August 19
ANNE-MARIE 5	18	5307	September 13
CONNOR	6	1100	June 14
HUNGARY MAN	1	L4083	Crown Grant
JO-ANNE 2	20	3284	July 4
JO-ANNE 3	12	3285	July 4
JO-ANNE 4	16	3286	July 4
JO-ANNE 5	2	3287	July 4
ROOT 1	1	1067	May 28
ROOT 2	1	1068	May 28
ROOT 3	1	1069	May 28
ROOT 4	1	1070	May 28
TWIN 3	1	2706	July 19
TWIN 4	1	2707	July 19

#### 1.4 HISTORY

The Hungary Man was Crown-Granted on July 5, 1900 to W.D. Townsend and J.W. Moore as Lot No. 4083. Oro Dinero Mining Company sunk two shafts and drove a cross-cut. In 1956, S.M. Metcalfe and J. Mackay of Trail, B.C. obtained ownership of the property and Star Kay Developers Ltd. drilled several very shallow diamond-drill holes on the sulphide outcrop on the claim. In 1979, the property was optioned by Cominco Ltd., and after conducting a VLF-EM, HLEM and magnetic surveys on the Crown Grant staked additional ground of 6 units (Connor Claim). In 1980, Cominco Ltd. drilled 7 diamond-drill holes totalling 286 metres (938 feet) and subsequently dropped their option. In 1983, Waybo Resources Inc. optioned the Hungary Man and the Connor Claims. Noramex Minerals Inc. staked the Jo-Anne 1 Claim and subsequently joined Waybo in a joint venture agreement. In December of 1986, Cream Silver Mines Ltd. optioned both the Hungary Man and Connor Claims from Mr. Metcalfe. During 1987, an option was arranged with Noramex Minerals and a detailed airborne geophysical survey was conducted by Aerodat Limited of Mississauga, Ontario.



## 2.0 GEOLOGY

### 2.1 REGIONAL GEOLOGY

The area between Nelson and Castlegar is underlain by a volcano-sedimentary sequence on the eastern flank of the eugeosyncline bordering the Kootenay Arc (see Figure 3).

This rock sequence consists of Early to Late Jurassic Elise Formation, the Hall Formation, the Ymir Formation and the Nelson Intrusions (Little, 1985) as shown on Figure 3.

The Elise Formation consists of andesite and basalt flows and flow breccia, agglomerate; minor siltstone and amphibolite (Little, 1985). The slightly older Ymir Group is composed of argillaceous quartzite, slate, argillite, hornfels and minor limestone (Little, 1985).

Directly overlying the Elise Formation is the Hall Formation. This sequence is composed of argillite, shale siltstone, phyllite; locally there is some volcanic rocks and pebble conglomerate. (Little, 1985).

All of the above-mentioned rock-units are intruded by the Nelson Plutonic Rocks. This intrusive varies in composition from granite/syenite to diorite but is mainly a quartz diorite. In the proximity of the intruded rocks, the chilled borders of the intrusive grade into porphyritic andesite within a limited area. Lamprophyre dikes and sills cut all rock units in the area. These sills often grade into a feldspar porphyry. (Santos, 1983).

## 2.2 PROPERTY GEOLOGY

Outcrop on the Connor Creek Property is very sparse but appears to be made up exclusively of a fine- to medium-grained diorite intruding an andesitic body that is believed to be a roof pendant. A hornfelsed argillite sedimentary package interbedded with andesite was seen on the Jo-Anne 2 claims in the area of interest.

On the Anne-Marie 4 claims a small area of rhyolite was noted. This rock-type seems to be the same age as the Elise Formation andesites and does not appear to be very extensive.

## 2.3 ECONOMIC GEOLOGY/ MINERALIZATION

Mineralization on the Anne-Marie 4 and Hungary Man/Connor Creek claims consists of a massive to semi-massive sulphide assemblage in a schistose volcano-sedimentary sequence. This years trenching program on the Connor Creek/Hungary Man grid seems to indicate that the sulphides are located along the boundary between the andesite and the dioritic intrusion. The sulphide assemblage is composed mainly of pyrrhotite, with varying amounts of pyrite and minor to rare chalcopyrite. Two float samples taken during 1987 assayed 0.264 and 0.292 oz/ton Au, 1900 and 2320 ppm Cu respectively. Surprisingly Ag values were very low, assaying <0.2 for both samples.

According to the work done by Peter Walcott and associates, the mineralization, while pinching and swelling, continues for at least 350 m (1150 feet) downstream. Massive sulphide is exposed 250 m (820 feet) downstream in the wall rock. Approximately 900 m (3000 feet) along the projected strike (340°) of the contact, is the site of the former Oriental Claim (L. 1459) which is believed to have been located to cover similar massive sulphide mineralization (Santos, 1983).

Santos took some channel samples at the massive sulphide exposure along Connor Creek as well as several grab samples of spilled core found in the same area. Results are as follows:

SAMPLE NO	Au(oz/ton)	Ag(oz/ton)	Remarks.
10130	0.013	0.02	5' channel sample
10131	0.026	0.08	5' channel sample
10132	0.007	0.06	7' channel sample
10133	0.129	0.07	3.5' channel sample
10134	0.038	0.13	Drill Core
10135	0.006	0.02	Drill Core

Diamond drilling by New Taku Mines Ltd. (Star Kay Developers Ltd.) in 1957 indicated a length of 6 m (20 feet) containing gold assays of 0.50, 1.74, 2.16, 0.76 and 2.32 oz. per ton over a width of about 0.6 m (two feet) (Dunn).

Diamond drilling by Cominco Ltd. indicated significant gold values associated with a chalcopyrite-pyrite-pyrrhotite-quartz assemblage (Serack, 1980). Assays and geochemical analysis of the core showed geochemically high copper and silver values associated with significant gold values. This first stage of drilling did not encounter economic quantities of gold. However Santos points out that no follow-up drilling was done to explore the mineralization down dip. The geophysical work and the diamond drilling to the north of the showing did not explore entirely the mineral occurrence to the north. The geophysical data showed the anomaly open to the north and drill hole DDH 80/6 was abandoned in overburden which was supposed to test this part of the anomaly. Also, Cominco's geophysical work indicated that the southward extension of the conductor over the known sulphide mineralization was offset 150 m (452 feet) to the east yet DDH 80/7 was collared 20 m (65 feet) to the east and drilled to the west.

Drilling by Cominco has adequately shown the existence of shearing and breccia zones that are well mineralized with gold-bearing sulphides and quartz. Santos interpreted this mineralization as being remobilized gold from a volcano-sedimentary sequence that contained syngenetic exhalative gold by hydrothermal solutions provided by nearby intrusives and deposited along shear zones, breccia zones and along favourable stratigraphic horizons.

### **3.0 GRID LINES & CLAIM STAKING**

#### **3.1 GRID LINES**

To facilitate the ground programme three grids were established to cross the areas where previous work by Cominco Ltd. in 1979 and Aerodat Limited in 1987, showed a ground magnetometer and/or VLF anomalies. Compass and chained base-lines were generated with perpendicular cross lines established at 100 m intervals. On the Connor Creek/Hungary-Man grid cross lines were established at 15, 30 or 100m intervals. All lines were flagged at 25 m intervals. A total of 22.2 line-km of base and cross lines were prepared.

#### **3.2 CLAIM STAKING**

Due to favorable results during the early part of the summer, the Anne-Marie 5, comprising 18 units was staked. (see Figure 2).

#### 4.0 GEOPHYSICS

An airborne geophysical survey was completed during November, 1987 by Aerodat Limited of Mississauga, Ontario. This survey consisted of a detailed magnetometer, two channel EM and VLF-EM components. Results from this survey were used as a basis to locate areas of interest for the 1988 field program.

##### 4.1 MAGNETOMETER SURVEY

A Scintrex Portable Proton Precession Magnetometer (model MP-2) was used to survey the "vertical field" along the Anne-Marie 4 established grid lines. The magnetic susceptibilities of the rocks underlying the area surveyed better defined the magnetic anomaly located by Aerodat. A total of 5.7 km was surveyed. This grid was redone by Peter Walcott during the course of his geophysical survey on this grid.

This survey delineated an anomalous area that appears to be 2 m wide and striking at an azimuth of  $315^{\circ}$ . At the present time the anomaly has been delineated for 175 m. Corrected magnetometer readings are presented on Map 6.

##### 4.2 VLF EM-16 SURVEY

A VLF-EM survey using a Geonics EM-16 unit was carried out only over the Jo-Anne 2 grid. This survey was conducted to locate and define the existence of possible massive sulphide or magnetic diorite. An area of 9.30 km was covered this way. Preliminary results were very encouraging (see Map 2), however follow-up geophysics by Peter Walcott using a Genie Horizontal Loop EM indicated an absence of massive sulphide.

All in-phase and quadrature readings on the side-lines were taken facing line-west ( $225^{\circ}$ ) using Cutler, Maine (24.0 kHz) as the transmitting source. Raw data is presented on Map 1.



## **5.0 GEOCHEMISTRY**

### **5.1 SOIL SAMPLING AND TRENCHING**

#### **5.1.1 SAMPLING AND SAMPLE TREATMENT**

Geochemical sampling was confined to the Jo-Anne 2, Connor Creek and Anne-Marie 4 grids. A total of 34 rock or trench and 226 soil samples were taken. Soil samples were taken on a sampling interval of 25 m over an area constituting 5.70. line-km (see Maps 3, 5, 7, & 10). The purpose of this sampling programme was to see if there was any significant geochemical signature across the geophysical anomalies. Soil samples were collected, whenever possible from the 'B' soil horizon. Generally the soil development is good and the desired horizon was easy to identify. Samples were collected from a depth of between 10 to 20 cm, using either a shovel or prospector's mattock and placed into Kraft wet-strength paper envelopes. After air drying for several days the samples were boxed and shipped to Chemex Labs. Ltd. in North Vancouver, B.C.

At Chemex Labs Ltd. the samples were analyzed for 32 elements using the I.C.P. technique. In addition, gold was analyzed by standard atomic absorption after pre-concentration by Fire Assay extraction.

Five trenches, normally four metres long, one metre wide and one metre deep were laid out over the Connor Creek grid to sample the Horizontal Loop EM anomaly (see Map 9). A total of sixteen trench and four grab samples were collected. Two shallow adits located along Connor Creek in the vicinity of the trenches were also sampled. A total of six samples were collected.

Rock and trench samples were shipped to Chemex Labs where they were crushed and pulverized to -100 mesh and analyzed for gold and 32 element ICP. Those samples that returned interesting values were reassayed with the sieve screen being examined for 'metallics'.

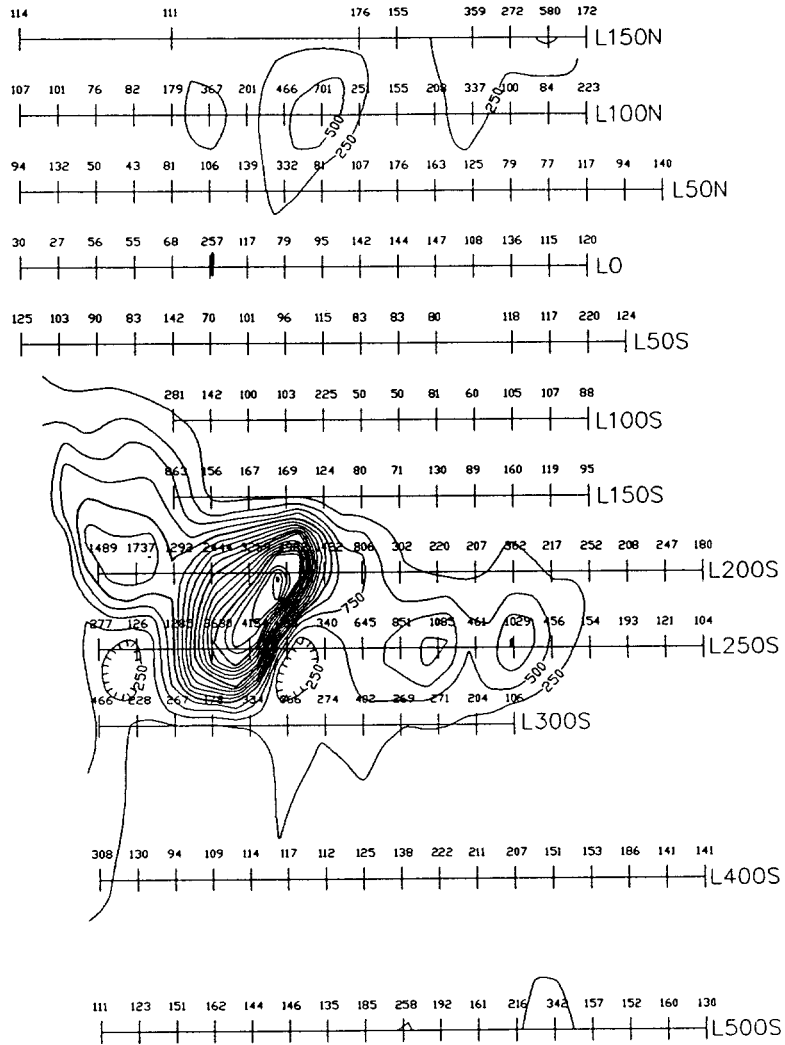
#### **5.1.2 DISCUSSION OF RESULTS**

The best results were obtained from the soil and rock sample results from the Anne-Marie 4 grid. Soil results here correlate with both a magnetic high and a Genie Horizontal Loop EM anomaly. An outcrop in this area is a massive sulphide located in an intensely altered andesite. The massive sulphides have been previously sampled by exploration adits. No record of assay results from these adits has been found however two assay results taken from the waste dumps returned gold values of 0.003 and 0.005 oz/ton (see Maps 7 and 8).

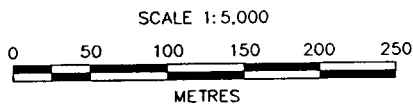


50E

425E



Note: base = (250ppm)



CREAM SILVER MINES LTD.

ANNE MARIE PROPERTY

NELSON MINING DIVISION, B.C. NTS: 82F/6E

Zn CONTOUR MAP

BY: P.S.  
DATE: NOVEMBER, 1988

FIGURE: 5  
CONTOUR INTERVAL: 250(ppm)

## 6.0 CONCLUSIONS

Due to the lack of outcrop on the property it is hard to say with any certainty what the area looks like geologically. The area drilled by Cominco, the small gully formed by Connor Creek and the western border area of Anne-Marie 4 provide the only frequent exposure. During last years field season property mapping found some diorite occasionally outcropping to the west and to a lesser extent to the east of Connor Creek. There are also several andesite outcrops found east of Connor Creek.

According to Santos (1983), mineralization trends  $340^{\circ}$ , which is reported to be the same trend as on the Root Property, located due east of the Connor Claims. This trend direction was arrived at by Cominco Ltd. in 1979 when the Connor Claims were under option to them. Peter Walcott's geophysical survey along Connor Creek repeated Cominco's original findings.

Results from the 1988 field season were disappointing. While good geochemical results were obtained from the Connor Creek and Anne-Marie 4 grids, nothing of an economic nature was found on the Jo-Anne 2 Grid.

Soil sample results from the Anne-Marie 4 grid correlate with both magnetometer and EM geophysical anomalies. It is hoped that both the geophysical and geochemical anomaly continues further to the south or west, more geophysics and soil sampling will have to be done to verify this.

On the Connor Creek grid it appears the geophysical anomaly while returning some interesting geochemical assay results is too small to be of any economic value.

Respectfully submitted,



---

W. K. Akhurst

**7.0 COSTS STATEMENT**

CREAM SILVER MINES LIMITED  
 CONNOR CREEK MINERAL CLAIMS  
 28 MAY - 6 OCTOBER, 1988

**GENERAL COSTS:**

Food & Accommodation, 158 mdays @ \$60.71	\$9,592.95
Shipping	452.40
Field Telephone Service	150.20
Supplies	1,584.63
Fixed Wing, Air Canada, VCR - CSG, 1 pers.	143.70
Fuel	959.59
<b>Rentals:</b>	
Gallant 4wd Blazer, 82 days @ \$55.00	4,510.00
Ezekiel Field Equipment, 158 mdays @ \$6.00	948.00
<b>Maintenance</b>	<b>601.97</b>
<b>Consultant Fees:</b>	
Archean Engineering Ltd	7,800.00
Adder Developments Ltd	1,833.33
<b>Report Preparation</b>	<u>3,439.96</u>
<b>TOTAL GENERAL COSTS</b>	<b>\$32,016.73</b>

**ROAD CONSTRUCTION COST**

Salaries and wages, 2 pers., 6 mdays @ \$105.13	\$630.76
Benefits @ 12.7%	80.00
Contractor, Nevin/Sadler-Brown/Goodbrand Ltd. 1.1 km.	3,163.03
General Costs Apportioned (6/158 x \$32,016.73)	<u>1,215.83</u>
<b>TOTAL ROAD CONSTRUCTION COSTS</b>	<b>\$5,089.62</b>

**RECLAMATION COST**

Salaries and Wages, 2 pers., 17 mdays @ \$103.47	\$1,758.92
Benefits @ 12.7%	213.33
Contractor, Delta Silviculture, slashing	982.50
General Costs Apportioned (17/158 x \$32,016.73)	<u>3,444.84</u>
<b>TOTAL RECLAMATION COST</b>	<b>\$6,399.59</b>

**STAKING COST**

Salaries and Wages, 2 pers., 6 mdays @ \$105.13	\$630.76
Benefits @ 12.7%	80.00
Recording fee	90.00
General Costs Apportioned (6/158 x \$32,016.73)	<u>1,215.83</u>
<b>TOTAL STAKING COST</b>	<b>\$2,016.59</b>

**LINE CUTTING/SURVEYING COST:**

Salaries & Wages, 3 pers., 48 mdays @ \$115.70	\$5,553.72
Benefits @ 15.8%	879.96
General Costs Apportioned (48/158 x \$32,016.73)	<u>9,726.60</u>
<b>TOTAL LINE-CUTTING/SURVEYING COST</b>	<b>\$16,160.30</b>

**TRENCHING COST**

Salaries and Wages, 2 pers., 29 mdays @ \$104.15	\$3,020.42
Benefits @ 12.3%	373.32
Contractors; Delta Silvaculture, blasting	1,570.00
McNally Excavating, trenching	2,505.00
Assays and Analysis - Chemex Labs.	
14 Rocks for Au Total Metallics @ \$26.50	371.00
17 Rocks for Au & 32 Element ICP @ \$21.21	360.60
5 Pulps for 32 Element ICP @ \$7.00	35.00
General Costs Apportioned (29/158 x \$32,016.73)	<u>5,673.85</u>
<b>TOTAL TRENCHING COST</b>	<b>\$13,909.19</b>

**GEOCHEMICAL SURVEY COST:**

Salaries & Wages, 3 pers., 14 mdays @ \$117.21	\$1,640.98
Benefits @ 16.3%	266.66
Assays & Analysis - Chemex Labs	
37 Rocks for Au and 32 Element ICP @ \$19.97	738.90
4 Pulps for 32 Element ICP @ \$7.00	28.00
222 Soil Samples for Au & 32 Element ICP @ 15.53	3,446.70
General Costs Apportioned (14/158 x \$32,016.73)	<u>2,836.93</u>
<b>TOTAL GEOCHEMICAL SURVEY COST</b>	<b>\$4,851.03</b>

**GEOLOGICAL MAPPING COST:**

Salaries & Wages, 2 pers., 10 mdays @ \$110.77	\$1,107.66
Benefits @ 14.4%	160.00
General Costs Apportioned (10/158 x \$32,016.73)	<u>2,026.38</u>
<b>TOTAL GEOLOGICAL MAPPING COST</b>	<b>\$3,294.04</b>

**GEOPHYSICAL SURVEY COST**

Salaries and Wages, 2 pers., 28 mdays @ \$115.20	\$3,225.55
Benefits @ 15.7%	506.65
Rentals:	
Kangeld Proton Magnetometer, 13 days @ \$27.00	351.00
Gallant EM-16, 6 days @ \$27.00	162.00
General Costs Apportioned (28/158 x \$32,016.73)	<u>5,673.85</u>
<b>TOTAL GEOPHYSICAL SURVEY COST</b>	<b>\$9,919.05</b>

**COST SUMMARY:**

Road Building	\$5,089.62
Reclamation	6,399.59
Staking	2,016.59
Line Cutting	16,160.30
Trenching	13,909.19
Geochemistry	8,958.17
Geology	3,294.04
Geophysics	<u>9,919.05</u>
<b>TOTAL COST</b>	<b>\$65,746.55</b>

## 8.0 REFERENCES

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## 9.0 STATEMENT OF QUALIFICATIONS

**W.K. AKHURST**

I, W.K. Akhurst, do certify that:

1. I am a geologist and reside at 1032 Lillooet Road, North Vancouver, B.C.
2. I am a graduate of the University of British Columbia (1983).
3. I have practised my profession continuously in British Columbia and across Canada since 1983.
4. I am an Associate Member of the Geological Association of Canada.
5. I have supervised the 1987 programme and take full responsibility for the results.
6. To the best of my knowledge, the information as stated in this report is correct.

## APPENDICES

**APPENDIX A: SOIL SAMPLE, ROCK SAMPLE  
AND TRENCH SAMPLE ASSAY RESULTS**



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Page : 1-A  
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Date : 28-JUN-88  
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## CERTIFICATE OF ANALYSIS A8817438

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA-AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
L400S 350E	205 238	< 5	1.47	3.6	< 5	40	< 0.5	4	0.49	6.5	5	46	30	1.66	< 10	< 1	0.22	10	0.52	164
L400S 325E	205 238	< 5	2.49	1.0	< 5	360	0.5	4	0.10	1.0	7	92	37	3.14	< 10	< 1	1.14	10	1.51	230
L500S 375E	205 238	< 5	2.25	0.8	< 5	180	0.5	4	0.72	< 0.5	7	56	44	3.04	< 10	< 1	0.43	10	1.19	340

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SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
L400S 350E	205	238	9	0.15	8	320	600	< 5	3	30	0.03	< 10	< 10	41	< 5	663
L400S 3725E	205	238	< 1	0.03	29	450	102	< 5	6	13	0.13	< 10	< 10	130	< 5	173
L500S 375E	205	238	3	0.08	9	520	58	< 5	4	48	0.16	< 10	< 10	83	< 5	78

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## CERTIFICATE OF ANALYSIS A8817437

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L100S 425E	201 238	20	3.10	< 0.2	5	180	< 0.5	< 2	0.17	< 0.5	13	41	41	3.42	< 10	1	0.09	10	0.75	385
L100S 450E	201 238	71	2.61	< 0.2	5	130	< 0.5	< 2	0.12	< 0.5	12	33	28	3.37	< 10	< 1	0.09	< 10	0.61	605
L100S 475E	201 238	23	3.57	< 0.2	5	240	< 0.5	< 2	0.26	< 0.5	16	60	34	3.57	< 10	1	0.10	10	1.27	624
L100S 500E	201 238	10	3.25	< 0.2	15	230	< 0.5	< 2	0.16	< 0.5	15	39	27	3.09	< 10	< 1	0.09	< 10	0.68	1085
L100S 525E	201 238	21	2.81	< 0.2	< 5	1170	< 0.5	< 2	1.03	0.5	29	132	44	3.55	10	< 1	0.46	40	2.24	1260
L100S 550E	201 238	22	3.03	< 0.2	< 5	380	< 0.5	< 2	0.48	0.5	29	98	62	3.65	< 10	< 1	0.24	20	1.57	354
L200S 400E	201 238	11	3.26	< 0.2	5	210	< 0.5	< 2	0.18	0.5	15	35	25	3.40	< 10	1	0.11	10	0.63	792
L200S 425E	201 238	9	2.99	< 0.2	< 5	210	< 0.5	< 2	0.19	0.5	15	39	33	3.56	< 10	< 1	0.12	10	0.77	657
L200S 450E	201 238	13	2.26	< 0.2	15	400	< 0.5	< 2	0.21	1.0	18	30	22	3.00	< 10	< 1	0.09	< 10	0.52	1720
L200S 475E	201 238	7	3.17	< 0.2	5	230	< 0.5	< 2	0.26	0.5	14	30	22	2.62	< 10	< 1	0.09	10	0.59	801
L200S 500E	201 238	16	3.37	< 0.2	< 5	200	< 0.5	< 2	0.21	0.5	12	25	17	2.45	< 10	< 1	0.07	< 10	0.55	691
L200S 525E	201 238	11	2.72	< 0.2	< 5	310	< 0.5	< 2	0.44	0.5	17	67	46	3.26	< 10	1	0.29	10	1.44	346
L200S 550E	201 238	20	2.49	< 0.2	< 5	250	< 0.5	< 2	0.51	0.5	17	74	48	3.49	< 10	< 1	0.16	10	1.60	351
L300S 425E	201 238	7	2.71	< 0.2	< 5	110	< 0.5	< 2	0.16	0.5	14	27	35	3.29	< 10	< 1	0.09	10	0.58	518
L300S 450E	201 238	5	3.49	< 0.2	10	250	< 0.5	< 2	0.26	0.5	12	26	29	3.06	< 10	< 1	0.09	10	0.52	928
L300S 475E	201 238	50	3.08	< 0.2	15	310	< 0.5	< 2	0.28	0.5	24	51	40	3.57	< 10	< 1	0.15	10	0.99	1100
L300S 500E	201 238	29	2.59	< 0.2	5	210	< 0.5	< 2	0.22	0.5	14	31	30	2.34	< 10	< 1	0.10	< 10	0.59	480
L300S 525E	201 238	2	2.54	< 0.2	< 5	300	< 0.5	< 2	0.22	1.0	12	23	15	2.07	< 10	< 1	0.08	< 10	0.36	973
L400S 400E	201 238	24	3.29	< 0.2	10	240	< 0.5	< 2	0.17	< 0.5	15	45	44	3.39	< 10	1	0.13	10	0.99	332
L400S 425E	201 238	16	3.64	< 0.2	5	220	< 0.5	< 2	0.15	0.5	16	28	39	3.57	< 10	< 1	0.11	< 10	0.70	551
L400S 475E	201 238	79	3.57	< 0.2	5	260	< 0.5	< 2	0.21	0.5	16	51	61	3.73	< 10	< 1	0.17	10	1.00	367
L400S 500E	201 238	12	4.56	< 0.2	< 5	370	< 0.5	< 2	0.33	0.5	23	67	78	4.31	< 10	< 1	0.28	20	1.23	890
L500S 350E	201 238	9	4.03	< 0.2	5	300	< 0.5	< 2	0.27	1.0	19	43	51	3.60	< 10	< 1	0.18	10	0.74	759
L500S 400E	201 238	22	2.55	< 0.2	15	210	< 0.5	< 2	0.37	< 0.5	18	48	68	3.42	< 10	1	0.18	20	0.99	629
L500S 425E	201 238	6	3.59	< 0.2	15	160	< 0.5	< 2	0.17	0.5	11	25	31	2.55	< 10	< 1	0.08	10	0.49	331
L500S 450E	201 238	4	4.13	0.4	10	100	< 0.5	< 2	0.11	< 0.5	9	20	28	2.18	< 10	< 1	0.05	< 10	0.33	223
L500S 475E	201 238	13	2.12	< 0.2	10	150	< 0.5	< 2	0.26	0.5	13	33	43	2.82	< 10	< 1	0.09	10	0.75	317
L600S 325E	201 238	7	3.62	< 0.2	5	250	< 0.5	< 2	0.29	0.5	17	39	54	3.26	< 10	1	0.15	10	0.69	742
L600S 350E	201 238	8	3.68	< 0.2	< 5	180	< 0.5	< 2	0.19	1.0	21	37	51	4.02	< 10	< 1	0.12	10	0.72	759
L600S 375E	201 238	41	3.38	< 0.2	5	220	< 0.5	< 2	0.28	1.0	16	45	54	3.78	< 10	< 1	0.17	10	0.98	434
L600S 400E	201 238	8	3.33	< 0.2	5	220	< 0.5	< 2	0.25	0.5	14	35	42	3.06	< 10	1	0.13	10	0.75	353
L600S 425E	201 238	12	3.79	< 0.2	5	160	< 0.5	< 2	0.28	0.5	16	36	43	3.40	< 10	1	0.13	10	0.73	359
L600S 450E	201 238	13	3.89	< 0.2	< 5	180	< 0.5	< 2	0.26	0.5	14	33	47	3.18	< 10	< 1	0.11	10	0.69	318
L700S 300E	201 238	16	3.95	< 0.2	10	150	< 0.5	< 2	0.23	< 0.5	11	26	29	2.72	< 10	1	0.08	10	0.51	364
L700S 325E	201 238	35	2.37	< 0.2	5	190	< 0.5	< 2	0.39	0.5	15	49	51	3.21	< 10	< 1	0.23	10	1.02	532
L700S 350E	201 238	21	1.77	< 0.2	5	230	< 0.5	< 2	0.42	< 0.5	11	54	33	2.87	< 10	< 1	0.24	10	1.08	417
L700S 375E	201 238	21	1.92	< 0.2	< 5	130	< 0.5	< 2	0.26	0.5	11	33	36	2.54	< 10	< 1	0.11	10	0.78	341
L700S 400E	201 238	8	3.26	< 0.2	< 5	190	< 0.5	< 2	0.24	1.0	14	38	42	2.81	< 10	< 1	0.15	10	0.69	535
L700S 425E	201 238	7	2.46	0.2	5	190	< 0.5	< 2	0.21	0.5	10	26	22	2.55	< 10	< 1	0.10	10	0.64	389

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L100S 425E	201 238	2	0.02	36	1200	14	< 5	4	19	0.23	< 10	< 10	66	< 5	193
L100S 450E	201 238	< 1	0.01	23	1720	18	< 5	3	16	0.19	< 10	< 10	62	< 5	156
L100S 475E	201 238	< 1	0.01	65	1810	14	< 5	3	26	0.26	< 10	< 10	68	< 5	151
L100S 500E	201 238	< 1	0.02	38	2890	12	< 5	4	21	0.18	< 10	< 10	64	< 5	202
L100S 525E	201 238	< 1	0.02	127	2360	26	< 5	3	170	0.26	< 10	< 10	72	< 5	151
L100S 550E	201 238	< 1	0.01	124	1360	18	< 5	3	80	0.38	< 10	< 10	85	< 5	100
L200S 400E	201 238	< 1	0.02	36	1520	14	< 5	4	21	0.19	< 10	< 10	58	< 5	153
L200S 425E	201 238	1	0.02	42	1350	14	< 5	4	22	0.21	< 10	< 10	59	< 5	188
L200S 450E	201 238	< 1	0.03	37	3090	22	< 5	2	27	0.15	< 10	< 10	46	< 5	275
L200S 475E	201 238	< 1	0.02	26	1740	12	< 5	4	29	0.17	< 10	< 10	52	< 5	177
L200S 500E	201 238	< 1	0.02	32	3080	14	< 5	3	23	0.15	< 10	< 10	49	< 5	180
L200S 525E	201 238	< 1	0.01	86	810	18	< 5	4	52	0.27	< 10	< 10	79	< 5	104
L200S 550E	201 238	< 1	0.01	85	1230	10	< 5	4	46	0.25	< 10	< 10	85	< 5	80
L300S 425E	201 238	1	0.02	27	1110	10	< 5	4	16	0.18	< 10	< 10	59	< 5	145
L300S 450E	201 238	1	0.02	33	1330	12	< 5	4	20	0.18	< 10	< 10	56	< 5	276
L300S 475E	201 238	< 1	0.01	111	1810	26	< 5	4	33	0.21	< 10	< 10	64	< 5	264
L300S 500E	201 238	< 1	0.02	33	2600	14	< 5	3	28	0.13	< 10	< 10	42	< 5	119
L300S 525E	201 238	< 1	0.02	24	4450	10	< 5	2	28	0.09	< 10	< 10	33	< 5	113
L400S 400E	201 238	< 1	0.01	37	1640	26	< 5	5	20	0.20	< 10	< 10	74	< 5	139
L400S 425E	201 238	1	0.01	43	1450	16	< 5	4	19	0.19	< 10	< 10	65	< 5	175
L400S 475E	201 238	1	0.01	84	1570	10	< 5	5	26	0.20	< 10	< 10	74	< 5	155
L400S 500E	201 238	< 1	0.02	229	1280	20	< 5	7	40	0.26	< 10	< 10	87	< 5	219
L500S 350E	201 238	< 1	0.02	78	1510	16	< 5	5	31	0.21	< 10	< 10	65	< 5	263
L500S 400E	201 238	< 1	0.02	77	610	34	< 5	5	45	0.21	< 10	< 10	72	< 5	170
L500S 425E	201 238	< 1	0.03	22	1770	12	< 5	5	20	0.16	< 10	< 10	46	< 5	118
L500S 450E	201 238	< 1	0.03	18	1410	8	< 5	4	14	0.17	< 10	< 10	36	< 5	88
L500S 475E	201 238	1	0.01	25	750	14	< 5	4	26	0.15	< 10	< 10	62	< 5	113
L600S 325E	201 238	< 1	0.02	60	1160	16	< 5	5	34	0.20	< 10	< 10	58	< 5	230
L600S 350E	201 238	1	0.02	55	2420	12	< 5	5	25	0.17	< 10	< 10	62	< 5	266
L600S 375E	201 238	< 1	0.02	39	1180	16	< 5	6	32	0.21	< 10	< 10	74	< 5	167
L600S 400E	201 238	< 1	0.02	31	1180	12	< 5	5	30	0.20	< 10	< 10	61	< 5	156
L600S 425E	201 238	< 1	0.02	52	1360	10	< 5	5	30	0.20	< 10	< 10	64	< 5	198
L600S 450E	201 238	< 1	0.02	46	1270	14	< 5	5	26	0.19	< 10	< 10	62	< 5	142
L700S 300E	201 238	1	0.02	31	1500	10	< 5	4	23	0.18	< 10	< 10	49	< 5	152
L700S 325E	201 238	< 1	0.01	37	540	16	< 5	6	40	0.18	< 10	< 10	70	< 5	134
L700S 350E	201 238	< 1	0.01	31	660	8	< 5	5	47	0.21	< 10	< 10	65	< 5	80
L700S 375E	201 238	< 1	0.01	23	610	8	< 5	4	26	0.16	< 10	< 10	56	< 5	141
L700S 400E	201 238	1	0.02	42	1070	12	< 5	4	28	0.18	< 10	< 10	56	< 5	203
L700S 425E	201 238	< 1	0.02	22	1310	8	< 5	4	22	0.14	< 10	< 10	49	< 5	168

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6400S 3487.5E #1258	238	< 0.07	1.91	0.2	10	510	1.0	2	1.13	0.5	16	132	59	2.26	< 10	< 1	0.16	< 10	0.46	130
6400S 3487.5E #258	238	< 0.07	0.73	0.6	10	90	< 0.5	2	0.24	0.5	< 1	63	27	1.17	< 10	4	0.12	< 10	0.34	106

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SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
6+00S 3+87.5E #1258	238		8	0.14	36	500	18	< 5	2	70	0.07	< 10	< 10	35	< 5	44
6+00S 3+87.5E #258	238		7	0.04	10	380	12	< 5	1	25	0.05	< 10	< 10	24	< 5	48

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SAMPLE DESCRIPTION	PREP CODE		Au NAA	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
6+00S 3+75E	201	238	7	3.58	0.2	5	160	< 0.5	< 2	0.18	0.5	14	37	36	3.71	10	< 1	0.12	10	0.76	405
6+00S 3+87.5E	201	238	7	2.76	0.2	10	160	< 0.5	< 2	0.19	0.5	13	26	18	2.86	< 10	< 1	0.11	10	0.48	816
6+00S 4+00E	201	238	15	3.61	0.2	< 5	160	0.5	< 2	0.21	1.0	12	22	24	2.62	< 10	< 1	0.10	10	0.48	629

CERTIFICATION :

*Hart Bichler*



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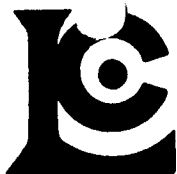
Comments: ATTN: ART TROUP CC: KENT AKHURST

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Tot. : 1  
Date : 12-AUG-88  
Invoice # : I-8820329  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8820329

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
6+00S 3+75E	201	238	1	0.02	32	1490	14	< 5	4	20	0.20	< 10	< 10	67	< 5	178
6+00S 3+87.5E	201	238	1	0.02	22	1060	16	< 5	3	22	0.19	< 10	< 10	52	< 5	232
6+00S 4+00E	201	238	1	0.03	22	1600	14	< 5	4	25	0.18	< 10	< 10	46	< 5	171

CERTIFICATION : Hart Bichler



# Chemex Labs Ltd.

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MARK MANAGEMENT LIMITED

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VANCOUVER, BC  
V6C 2W2

Project: CFM/CON  
Comments: ATTN: ART TROUP ✓ KENT AKHURST

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Tot. Pages: 1  
Date: 17-AUG-88  
Invoice #: I-8820603  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8820603

SAMPLE DESCRIPTION	PREP CODE	Au FA oz/T	Al %	Ag ppm	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
GRAB #1	208 238	0.014	0.64	2.0	315	80	< 0.5	12	0.16	1.0	671	174	1420	>15.00	< 10	< 1	0.31	< 10	0.26	98
GRAB #2	208 238	0.018	0.96	0.4	20	140	< 0.5	22	0.15	0.5	48	150	627	13.85	< 10	< 1	0.41	< 10	0.41	104
NORTH WALL	208 238	< 0.003	0.76	0.2	20	160	2.5	8	0.16	0.5	81	128	399	9.14	< 10	< 1	0.42	10	0.21	47
ADIT #2 DUMP #1	208 238	< 0.003	0.48	0.4	< 5	20	1.5	< 2	0.12	< 0.5	186	70	972	>15.00	10	< 1	0.22	< 10	0.22	56
ADIT #2 DUMP #2	208 238	< 0.003	1.08	0.2	< 5	90	3.5	12	0.39	0.5	38	135	529	13.10	< 10	< 1	0.33	< 10	0.60	130

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Project: CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

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Tot. Pgs: 1

Date: 17-AUG-88

Invoice #: I-8820603

P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8820603

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
GRAB #1	208 238	2	0.02	32	1020	68	10	2	10	0.03	< 10	< 10	16	< 5	333
GRAB #2	208 238	4	0.02	29	600	44	5	3	7	0.08	< 10	< 10	27	< 5	146
NORTH WALL	208 238	2	0.02	17	610	16	< 5	3	5	0.03	< 10	< 10	22	< 5	80
ADIT #2 DUMP #1	208 238	5	0.02	88	270	10	10	3	6	0.04	20	< 10	4	< 5	37
ADIT #2 DUMP #2	208 238	6	0.03	38	1220	8	< 5	4	15	0.07	10	< 10	17	< 5	49

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Project: CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No. : 1-A  
Tot. ps: 1  
Date : 24-SEP-88  
Invoice #: I-8823496  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8823496

SAMPLE DESCRIPTION	PREP CODE	Au oz/T RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AM4 4W2S GRAB 1	258 238	0.002	1.52	2.6	340	330	< 0.5	< 2	0.27	< 0.5	9	158	1490	4.35	< 10	2	0.84	< 10	1.11	179
AM4 4W2S GRAB 2	258 238	0.127	1.15	1.0	>10000	130	< 0.5	< 2	0.71	< 0.5	436	133	1350	>15.00	< 10	1	0.33	< 10	0.64	282
AM4 4W2S GRAB 3	258 238	0.002	2.48	1.4	100	240	< 0.5	< 2	0.43	< 0.5	35	62	1645	>15.00	< 10	< 1	1.54	< 10	1.49	215
AM4 4W2S BASALT	258 238	< 0.002	2.63	0.4	155	550	< 0.5	4	1.82	< 0.5	35	291	232	4.55	< 10	1	1.89	40	3.13	474
AM4 ADITT105S350E	258 238	0.003	4.08	0.2	8940	220	< 0.5	< 2	0.46	< 0.5	65	26	311	13.45	< 10	1	0.80	< 10	2.64	729
AM4 100S300BGRAB	258 238	0.005	1.00	0.4	< 5	40	< 0.5	< 2	0.51	< 0.5	89	15	762	>15.00	< 10	< 1	0.29	< 10	0.40	142
ADITT2 WASTEDUMP	258 238	0.005	0.92	0.4	60	90	< 0.5	< 2	0.31	< 0.5	281	21	897	>15.00	< 10	< 1	0.22	< 10	0.37	123
ROOT 1 GRAB	258 238	0.002	1.15	2.2	20	110	< 0.5	< 2	0.17	< 0.5	17	68	1570	>15.00	< 10	< 1	0.31	< 10	0.68	463
ROOT 2 GRAB	258 238	0.004	1.38	3.0	< 5	210	< 0.5	< 2	0.29	< 0.5	4	137	2100	>15.00	< 10	< 1	0.38	< 10	0.92	601

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To: MARK MANAGEMENT LIMITED

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VANCOUVER, BC  
V6C 2W2

Project: CBM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No. : 1-B  
Tot. P : 1  
Date : 24-SEP-88  
Invoice # : I-8823496  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8823496

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
AM4 4W2S GRAB 1	258	238	3	0.02	9	850	24	< 5	3	4	0.11	< 10	< 10	76	< 5	69
AM4 4W2S GRAB 2	258	238	6	0.02	195	250	14	20	3	5	0.05	< 10	< 10	53	< 5	51
AM4 4W2S GRAB 3	258	238	5	0.05	94	570	< 2	< 5	9	7	0.28	< 10	< 10	149	< 5	82
AM4 4W2S BASALT	258	238	< 1	0.19	146	3010	24	< 5	6	176	0.29	< 10	< 10	95	< 5	71
AM4 ADIT105S3502	258	238	1	0.01	5	1280	2	10	9	3	0.20	< 10	< 10	134	< 5	89
AM4 100S300EGRAB	258	238	1	0.01	39	70	< 2	10	5	5	0.05	< 10	< 10	43	5	53
ADIT12WASTEDUMP	258	238	4	0.02	52	440	< 2	5	3	10	0.05	< 10	< 10	35	< 5	56
ROOT 1 GRAB	258	238	2	0.02	29	80	< 2	5	3	2	0.08	< 10	< 10	59	< 5	105
ROOT 2 GRAB	258	238	2	0.03	16	120	< 2	5	3	6	0.11	< 10	< 10	82	< 5	130

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Project: CONNOR CK.

Comments: ATTN: MR. ART TROUP

CC: KENT AKHURST

Page N° : 1-A  
 Tot. I : 1  
 Date : 3-OCT-88  
 Invoice # : I-8824404  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8824404

SAMPLE DESCRIPTION	PREP CODE	Au ppb RUSH	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
CEMCON TR4 0-1	255 238	300	0.95	0.8	< 5	70	< 0.5	2	0.18	< 0.5	22	45	393	8.88	< 10	< 1	0.25	< 10	0.45	101
CEMCON TR4 1-2	255 238	1650	1.93	0.4	5	180	< 0.5	2	0.12	< 0.5	24	37	306	6.63	< 10	< 1	0.40	10	1.20	201
CEMCON TR4 2-3	255 238	510	1.44	0.6	< 5	30	< 0.5	< 2	0.12	< 0.5	34	60	835	>15.00	< 10	< 1	0.38	10	0.87	147
CEMCON TR4 3-4	255 238	70	1.97	0.2	30	240	< 0.5	4	0.17	< 0.5	8	57	152	4.44	< 10	< 1	0.60	< 10	1.27	198
CEMCON TR4 4-5	255 238	< 5	1.56	0.2	40	130	< 0.5	6	0.14	< 0.5	2	27	59	2.70	< 10	< 1	0.30	10	1.17	192
CEMCON TR4 5-6	255 238	120	1.53	0.4	105	140	< 0.5	2	0.15	< 0.5	13	29	139	5.09	< 10	< 1	0.29	10	1.08	182
CEMCON TR4 GRAB	255 238	1050	0.66	2.0	155	10	< 0.5	< 2	0.04	< 0.5	837	52	1325	>15.00	10	< 1	0.11	10	0.19	48
CEMCON TR4 GRAB	255 238	220	1.17	2.8	35	30	< 0.5	< 2	0.12	< 0.5	32	45	1225	>15.00	10	< 1	0.15	10	0.61	212
CEMCON AD3 GRAB	255 238	380	0.70	2.2	5	10	< 0.5	< 2	0.05	< 0.5	8	25	1835	>15.00	10	< 1	0.04	10	0.29	67
CEMCON AD3 GRAB	255 238	700	0.96	1.2	45	20	< 0.5	< 2	0.08	< 0.5	246	55	1575	>15.00	10	< 1	0.17	10	0.39	76
CEMCON AD3 GRAB	255 238	620	0.84	2.2	< 5	10	< 0.5	< 2	0.06	< 0.5	23	26	1420	>15.00	< 10	< 1	0.07	10	0.39	90

CERTIFICATION : B. Coughlin





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Project : CONNOR CK

Comments: ATTN: MR ART TROUP

CC: KENT AKHURST

Page N : 1-B  
Tot. P. : 1  
Date : 3-OCT-88  
Invoice #: I-8824404  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8824404

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CEMCON TR4 0-1	255 238	< 1	0.01	33	830	< 2	< 5	1	2	0.02	< 10	< 10	7	< 5	82
CEMCON TR4 1-2	255 238	< 1	0.01	19	930	< 2	< 5	2	5	0.05	10	< 10	31	10	149
CEMCON TR4 2-3	255 238	1	0.03	54	420	< 2	< 5	3	11	0.08	< 10	< 10	53	20	174
CEMCON TR4 3-4	255 238	2	0.04	10	630	< 2	< 5	3	12	0.15	< 10	< 10	54	< 5	136
CEMCON TR4 4-5	255 238	1	0.01	< 1	370	< 2	< 5	2	20	0.17	< 10	< 10	35	< 5	75
CEMCON TR4 5-6	255 238	2	0.01	5	690	2	< 5	2	17	0.13	< 10	< 10	35	< 5	69
CEMCON TR4 GRAB	255 238	1	< 0.01	76	120	< 2	< 5	2	1	0.02	< 10	< 10	< 1	15	63
CEMCON TR4 GRAB	255 238	4	0.02	71	440	< 2	< 5	5	4	0.04	< 10	< 10	42	10	88
CEMCON AD3 GRAB	255 238	11	0.01	117	120	< 2	< 5	4	2	0.01	< 10	< 10	7	10	55
CEMCON AD3 GRAB	255 238	4	0.01	93	300	< 2	< 5	2	2	0.03	< 10	< 10	2	20	102
CEMCON AD3 GRAB	255 238	4	0.01	111	160	< 2	< 5	4	2	0.02	< 10	< 10	15	< 5	61

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Project: CBM/CON  
 Comments: ATTN: ART TROUP ✓ KENT AKHURST

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 Tot. 18: 1  
 Date: 16-OCT-88  
 Invoice #: I-8825099  
 P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825099

SAMPLE DESCRIPTION	PREP CODE		Au ppb	Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			FA+AA	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
IR7 0-5	205	238	< 5	2.74	0.4	5	210	< 0.5	2	0.23	< 0.5	12	54	38	4.24	< 10	< 1	0.27	10	1.94	357
IR7 5-10	205	238	< 5	3.19	0.4	5	250	< 0.5	4	0.33	< 0.5	11	58	32	4.93	< 10	1	0.29	10	2.22	402
IR10 0-3	205	238	< 5	1.92	0.2	5	140	< 0.5	2	0.78	0.5	10	41	21	3.55	< 10	1	0.62	10	0.97	642
IR10 3-6	205	238	< 5	2.06	< 0.2	15	130	< 0.5	2	0.92	< 0.5	9	43	20	3.40	< 10	1	0.84	20	0.96	653
IR10 6-9	205	238	< 5	1.93	< 0.2	50	120	< 0.5	4	0.73	< 0.5	10	33	30	3.49	< 10	< 1	0.70	10	0.92	598
IR10 9-105	205	238	< 5	2.05	< 0.2	40	110	< 0.5	< 2	0.67	< 0.5	8	34	68	4.47	< 10	1	0.62	20	0.79	523

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Project : CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page # : 1-B  
Tot. : 8:1  
Date : 16-OCT-88  
Invoice # : I-8825099  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825099

SAMPLE DESCRIPTION	PREP CODE		Mb	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
IR7 0-5	205	238	< 1	0.03	17	640	< 2	< 5	5	8	0.16	10	< 10	72	< 5	52
IR7 5-10	205	238	< 1	0.04	11	800	2	< 5	7	19	0.21	< 10	< 10	98	< 5	62
IR10 0-3	205	238	< 1	0.07	3	1020	< 2	< 5	3	114	0.25	< 10	< 10	64	< 5	63
IR10 3-6	205	238	< 1	0.07	2	1170	6	< 5	3	158	0.26	< 10	< 10	59	5	79
IR10 6-9	205	238	< 1	0.08	6	1110	< 2	< 5	3	121	0.24	< 10	< 10	59	< 5	76
IR10 9-105	205	238	< 1	0.07	5	1030	4	< 5	4	133	0.24	< 10	< 10	59	< 5	60

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Project: CEM/CON

Comments: ATTN: ART TROUP  KENT AKHURST

Page No. : 1-A  
Tot. Pgs: 2  
Date : 16-OCT-88  
Invoice #: I-8825098  
P.O. #: NONE

## CERTIFICATE OF ANALYSIS A8825098

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AMA 0+00S 0+50E	201 238	55	1.41	0.2	65	530	< 0.5	2	0.10	< 0.5	7	43	45	7.79	< 10	< 1	1.23	10	1.10	117
AMA 0+00S 0+75E	201 238	550	1.31	0.2	570	420	< 0.5	< 2	0.04	< 0.5	3	29	65	6.46	< 10	4	1.00	10	1.03	108
AMA 0+00S 1+00E	201 238	360	1.92	0.2	1150	300	< 0.5	4	0.07	1.0	6	24	101	5.70	< 10	2	0.39	10	0.75	134
AMA 0+00S 1+25E	201 238	90	2.73	0.2	160	340	0.5	2	0.18	< 0.5	13	24	72	4.63	< 10	< 2	0.42	10	0.96	229
AMA 0+00S 1+50E	201 238	45	3.85	0.2	35	510	< 0.5	< 2	0.48	< 0.5	17	29	90	4.78	< 10	2	0.50	20	1.23	626
AMA 0+00S 1+75E	201 238	30	3.09	0.2	60	400	< 0.5	4	0.54	5.0	20	61	54	3.92	< 10	< 1	0.41	20	1.54	628
AMA 0+00S 2+00E	201 238	50	3.67	0.2	15	580	0.5	2	0.54	< 0.5	33	87	107	4.48	< 10	< 1	0.55	20	2.01	832
AMA 0+00S 2+25E	201 238	30	2.60	0.2	25	530	< 0.5	4	0.65	< 0.5	15	39	68	4.13	< 10	2	0.42	10	1.18	799
AMA 0+00S 2+50E	201 238	< 5	2.86	0.2	40	350	< 0.5	4	0.42	0.5	11	34	44	3.62	< 10	< 1	0.27	10	0.84	615
AMA 0+00S 2+75E	201 238	25	2.66	0.2	75	360	0.5	< 2	0.35	1.0	25	36	46	4.08	< 10	< 1	0.20	10	0.74	1100
AMA 0+00S 3+00E	201 238	15	3.35	0.2	20	1370	0.5	< 2	1.24	< 0.5	34	91	61	4.72	10	< 1	0.66	50	2.17	800
AMA 0+00S 3+25E	201 238	15	3.20	0.2	45	380	0.5	< 2	0.37	2.0	17	27	46	3.59	< 10	1	0.15	20	0.58	973
AMA 0+00S 3+50E	201 238	40	3.23	1.2	60	120	0.5	< 2	0.11	0.5	12	24	215	6.78	< 10	< 1	0.12	20	0.43	296
AMA 0+00S 3+75E	201 238	10	1.42	0.2	25	310	< 0.5	< 2	0.17	2.0	6	29	33	4.35	< 10	< 1	0.13	10	0.61	385
AMA 0+00S 4+00E	201 238	15	2.94	0.2	40	230	0.5	4	0.20	0.5	31	34	36	2.90	< 10	< 1	0.12	10	0.57	1205
AMA 0+50S 4+25E	201 238	15	2.80	0.2	65	280	0.5	< 2	0.24	0.5	18	34	43	3.77	< 10	< 1	0.13	10	0.62	906
AMA 0+50S 0+50E	201 238	55	3.08	0.2	50	440	0.5	< 2	0.35	< 0.5	23	39	72	4.31	< 10	< 1	0.40	10	1.15	660
AMA 0+50S 0+75E	201 238	95	3.19	0.2	45	490	0.5	< 2	0.54	0.5	27	38	98	4.79	< 10	1	0.46	20	1.18	588
AMA 0+50S 1+00E	201 238	40	3.11	0.2	50	460	< 0.5	< 2	0.39	< 0.5	27	39	104	5.06	< 10	< 1	0.56	10	1.39	537
AMA 0+50S 1+25E	201 238	25	2.76	0.2	30	600	< 0.5	< 2	0.32	0.5	26	51	122	5.28	< 10	< 1	0.68	10	1.55	942
AMA 0+50S 1+50E	201 238	25	3.23	0.2	30	650	< 0.5	4	0.49	1.5	23	51	101	5.73	< 10	< 1	0.89	10	1.77	849
AMA 0+50S 1+75E	201 238	35	3.71	0.2	35	440	< 0.5	< 2	0.38	< 0.5	21	43	146	6.79	< 10	< 1	1.17	10	2.07	383
AMA 0+50S 2+00E	201 238	15	3.42	0.2	40	450	0.5	< 2	0.45	< 0.5	26	30	76	4.52	< 10	2	0.49	10	1.40	961
AMA 0+50S 2+25E	201 238	25	3.26	0.2	5	570	0.5	< 2	0.86	< 0.5	24	59	61	4.82	< 10	< 1	0.61	30	1.82	808
AMA 0+50S 2+50E	201 238	10	3.30	0.2	< 5	1290	0.5	< 2	1.85	0.5	37	116	65	5.19	10	< 1	1.13	70	2.71	1195
AMA 0+50S 2+75E	201 238	960	3.80	0.2	25	570	0.5	< 2	0.45	< 0.5	19	24	98	6.90	< 10	< 1	0.77	10	1.45	688
AMA 0+50S 3+00E	201 238	35	3.36	0.2	15	490	< 0.5	< 2	0.46	< 0.5	18	39	91	5.51	< 10	< 1	0.57	10	1.62	749
AMA 0+50S 3+25E	201 238	< 5	3.50	0.2	25	420	0.5	2	0.38	< 0.5	16	20	55	3.54	< 10	< 1	0.18	20	0.64	1075
AMA 0+50S 3+75E	201 238	< 5	2.99	0.2	50	170	0.5	< 2	0.14	0.5	16	13	31	2.84	< 10	2	0.09	10	0.38	562
AMA 0+50S 4+00E	201 238	55	3.29	0.2	30	280	0.5	< 2	0.26	0.5	11	22	34	3.17	< 10	< 1	0.10	20	0.47	715
AMA 0+50S 4+25E	201 238	< 5	2.18	0.2	20	350	0.5	< 2	0.28	3.5	12	25	28	3.41	< 10	< 1	0.14	10	0.62	1170
AMA 0+50S 4+50E	201 238	5	3.13	0.2	25	210	0.5	< 2	0.14	1.0	9	23	29	3.23	< 10	< 1	0.11	10	0.54	540
AMA 1+00S 1+50E	201 238	55	2.72	0.2	65	360	0.5	< 2	0.41	4.0	14	34	62	4.26	< 10	< 1	0.26	10	0.98	836
AMA 1+00S 1+75E	201 238	25	2.45	0.2	35	440	< 0.5	< 2	0.38	0.5	15	46	63	3.96	< 10	< 1	0.33	10	1.13	1110
AMA 1+00S 2+00E	201 238	20	2.28	0.2	25	500	< 0.5	< 2	0.34	0.5	15	35	54	4.23	< 10	< 1	0.37	10	1.09	692
AMA 1+00S 2+25E	201 238	45	3.35	0.2	45	600	0.5	< 2	0.69	< 0.5	24	28	96	5.02	< 10	< 1	0.51	20	1.12	1015
AMA 1+00S 2+50E	201 238	25	3.52	0.2	55	650	0.5	< 2	0.85	1.0	55	41	127	4.69	< 10	< 1	0.45	40	1.19	1210
AMA 1+00S 2+75E	201 238	95	1.88	0.2	270	440	< 0.5	8	0.10	0.5	9	21	136	6.58	< 10	< 1	0.51	10	0.87	225
AMA 1+00S 3+00E	201 238	210	2.17	0.6	315	660	< 0.5	6	0.06	< 0.5	7	9	128	11.70	< 10	< 1	1.36	10	1.07	161
AMA 1+00S 3+25E	201 238	1000	2.36	0.2	1475	570	< 0.5	2	0.09	1.5	7	5	55	8.48	< 10	< 1	0.67	10	0.85	302

CERTIFICATION :

*B. Coughlin*



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MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project : CFM/CON

Comments : ATTN: ART TROUP CC: KENT AKHURST

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Date : 16-OCT-88

Invoice # : I-8825098

P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825098

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AMA 0+00S 0+50E	201 238	< 1	0.04	21	680	30	< 5	7	23	0.22	< 10	< 10	115	5	30
AMA 0+00S 0+75E	201 238	< 1	0.02	< 1	650	14	< 5	5	15	0.15	< 10	< 10	95	< 5	27
AMA 0+00S 1+00E	201 238	< 1	0.01	2	890	44	< 5	4	39	0.14	< 10	< 10	74	< 5	56
AMA 0+00S 1+25E	201 238	< 1	0.01	15	590	42	< 5	5	31	0.19	< 10	< 10	105	< 5	55
AMA 0+00S 1+50E	201 238	< 1	0.03	12	1110	8	< 5	7	49	0.26	< 10	< 10	118	< 5	68
AMA 0+00S 1+75E	201 238	< 1	0.02	45	1920	102	< 5	4	49	0.23	< 10	< 10	95	5	257
AMA 0+00S 2+00E	201 238	< 1	0.02	88	1350	20	< 5	7	42	0.28	< 10	< 10	110	< 5	117
AMA 0+00S 2+25E	201 238	< 1	0.02	30	1030	26	< 5	8	61	0.22	< 10	< 10	106	5	79
AMA 0+00S 2+50E	201 238	< 1	0.01	24	1130	76	< 5	5	42	0.18	< 10	< 10	83	< 5	95
AMA 0+00S 2+75E	201 238	< 1	0.02	42	2270	66	< 5	4	42	0.16	< 10	< 10	74	< 5	142
AMA 0+00S 3+00E	201 238	< 1	0.04	127	5550	18	< 5	6	220	0.22	< 10	< 10	92	< 5	144
AMA 0+00S 3+25E	201 238	< 1	0.02	36	1180	96	< 5	4	42	0.18	< 10	< 10	66	< 5	147
AMA 0+00S 3+50E	201 238	< 1	0.01	23	2630	72	< 5	4	11	0.16	< 10	< 10	71	< 5	108
AMA 0+00S 3+75E	201 238	< 1	0.01	10	1320	80	< 5	6	16	0.14	< 10	< 10	111	< 5	136
AMA 0+00S 4+00E	201 238	< 1	0.02	49	1280	44	< 5	4	18	0.17	< 10	< 10	58	< 5	115
AMA 0+00S 4+25E	201 238	< 1	0.02	39	1720	70	< 5	4	27	0.17	< 10	< 10	70	< 5	120
AMA 0+50S 0+50E	201 238	< 1	0.02	42	1560	16	< 5	5	34	0.21	< 10	< 10	101	< 5	125
AMA 0+50S 0+75E	201 238	< 1	0.02	43	1480	20	< 5	7	47	0.22	< 10	< 10	116	< 5	103
AMA 0+50S 1+00E	201 238	< 1	0.02	41	1100	20	< 5	6	36	0.24	< 10	< 10	132	< 5	90
AMA 0+50S 1+25E	201 238	< 1	0.02	51	1740	2	< 5	6	38	0.24	< 10	< 10	128	5	83
AMA 0+50S 1+50E	201 238	< 1	0.02	47	2540	50	< 5	6	60	0.25	< 10	< 10	137	< 5	142
AMA 0+50S 1+75E	201 238	< 1	0.02	31	1160	10	< 5	7	55	0.35	< 10	< 10	177	5	70
AMA 0+50S 2+00E	201 238	< 1	0.02	35	1830	24	< 5	6	42	0.24	< 10	< 10	121	< 5	101
AMA 0+50S 2+25E	201 238	< 1	0.03	56	2850	18	< 5	6	112	0.29	< 10	< 10	121	< 5	96
AMA 0+50S 2+50E	201 238	< 1	0.06	118	4380	14	< 5	6	300	0.19	< 10	< 10	111	10	115
AMA 0+50S 2+75E	201 238	< 1	0.02	16	1190	22	< 5	7	59	0.31	< 10	< 10	144	< 5	83
AMA 0+50S 3+00E	201 238	< 1	0.02	24	1540	20	< 5	7	55	0.29	< 10	< 10	155	< 5	83
AMA 0+50S 3+25E	201 238	< 1	0.03	37	1470	22	< 5	4	49	0.20	< 10	< 10	74	< 5	80
AMA 0+50S 3+75E	201 238	< 1	0.02	29	1710	28	< 5	3	18	0.17	< 10	< 10	52	< 5	118
AMA 0+50S 4+00E	201 238	< 1	0.02	36	1110	46	< 5	4	33	0.19	< 10	< 10	57	< 5	117
AMA 0+50S 4+25E	201 238	< 1	0.02	27	1590	86	< 5	4	31	0.18	< 10	< 10	75	5	220
AMA 0+50S 4+50E	201 238	< 1	0.02	23	1760	24	< 5	4	20	0.18	< 10	< 10	67	10	124
AMA 1+00S 1+50E	201 238	< 1	0.02	40	1120	80	< 5	5	45	0.20	< 10	< 10	97	5	281
AMA 1+00S 1+75E	201 238	< 1	0.02	37	1860	30	< 5	5	49	0.18	< 10	< 10	104	< 5	142
AMA 1+00S 2+00E	201 238	< 1	0.02	19	2230	32	< 5	4	44	0.19	< 10	< 10	106	< 5	100
AMA 1+00S 2+25E	201 238	< 1	0.03	32	2520	44	< 5	5	77	0.22	< 10	< 10	100	< 5	103
AMA 1+00S 2+50E	201 238	< 1	0.04	92	3780	16	< 5	6	103	0.23	< 10	< 10	83	10	225
AMA 1+00S 2+75E	201 238	< 1	0.01	10	1270	6	< 5	4	27	0.19	< 10	< 10	84	15	50
AMA 1+00S 3+00E	201 238	< 1	0.03	< 1	1180	80	< 5	7	39	0.29	20	10	123	40	50
AMA 1+00S 3+25E	201 238	< 1	0.02	1	960	58	< 5	5	38	0.24	10	< 10	90	5	81

CERTIFICATION :

*B. Coughlin*



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MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6C 2W2

Project : CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

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 Tot. p: 2  
 Date : 16-OCT-88  
 Invoice # : I-8825098  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825098

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AMA 1+00S 3+50E	201 238	270	3.58	0.2	2620	300	0.5	< 2	0.15	1.5	10	12	56	6.27	< 10	< 1	0.37	10	0.89	356
AMA 1+00S 3+75E	201 238	30	3.64	0.2	140	300	0.5	< 2	0.17	< 0.5	11	9	38	4.17	< 10	< 1	0.15	10	0.72	641
AMA 1+00S 4+00E	201 238	< 5	2.80	0.2	35	290	0.5	< 2	0.26	0.5	9	21	52	3.81	< 10	< 1	0.12	10	0.58	621
AMA 1+00S 4+25E	201 238	< 5	2.83	0.2	30	260	0.5	< 2	0.18	< 0.5	9	21	39	3.68	< 10	< 1	0.07	10	0.47	516
AMA 1+50S 1+50E	201 238	30	2.79	0.4	175	380	0.5	< 2	0.48	3.0	23	44	99	4.76	< 10	< 1	0.19	20	1.04	1290
AMA 1+50S 1+75E	201 238	10	2.94	0.2	50	480	0.5	< 2	0.51	0.5	26	70	69	3.84	< 10	1	0.25	20	1.31	750
AMA 1+50S 2+00E	201 238	15	3.05	0.2	20	580	0.5	< 2	0.69	0.5	24	58	70	3.87	10	< 1	0.35	30	1.25	1015
AMA 1+50S 2+25E	201 238	5	3.58	0.2	10	1110	0.5	2	1.73	< 0.5	39	133	76	4.84	20	< 1	0.65	70	2.38	918
AMA 1+50S 2+50E	201 238	30	2.39	0.2	25	250	< 0.5	< 2	0.22	0.5	22	25	150	4.99	< 10	4	0.16	20	0.62	658
AMA 1+50S 2+75E	201 238	90	2.49	0.2	35	310	0.5	< 2	0.29	< 0.5	8	26	42	3.91	< 10	< 1	0.15	10	0.60	576
AMA 1+50S 3+00E	201 238	25	2.01	0.2	25	170	< 0.5	< 2	0.20	< 0.5	7	20	62	6.04	< 10	< 1	0.12	10	0.64	305
AMA 1+50S 3+25E	201 238	110	2.30	0.2	20	160	< 0.5	< 2	0.18	1.5	11	17	189	11.50	< 10	2	0.10	20	0.51	383
AMA 1+50S 3+50E	201 238	220	3.04	0.2	30	260	< 0.5	4	0.14	< 0.5	6	14	56	6.75	< 10	1	0.41	10	0.93	290
AMA 1+50S 3+75E	201 238	55	3.21	0.2	100	420	< 0.5	< 2	0.27	2.0	11	33	61	6.53	< 10	< 1	0.45	10	1.14	464
AMA 1+50S 4+00E	201 238	250	4.15	0.2	10	430	< 0.5	< 2	0.47	1.5	14	19	114	6.54	< 10	< 1	0.88	10	2.01	334
AMA 1+50S 4+25E	201 238	25	3.04	0.2	160	270	0.5	< 2	0.23	< 0.5	12	38	40	3.82	< 10	2	0.13	10	0.70	628

CERTIFICATION :

*B. Coughlin*



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MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
 VANCOUVER, BC  
 V6C 2W2

Project : CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

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## CERTIFICATE OF ANALYSIS A8825098

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AMA 1+00S 3+50E	201 238	< 1	0.02	8	1060	18	< 5	6	29	0.24	< 10	< 10	103	< 5	60
AMA 1+00S 3+75E	201 238	< 1	0.02	10	1350	12	5	4	22	0.22	< 10	< 10	86	< 5	105
AMA 1+00S 4+00E	201 238	< 1	0.02	18	1890	62	< 5	4	36	0.17	< 10	< 10	70	< 5	107
AMA 1+00S 4+25E	201 238	2	0.02	14	1210	6	< 5	4	27	0.18	< 10	< 10	64	< 5	88
AMA 1+50S 1+50E	201 238	1	0.02	35	1970	176	< 5	6	66	0.19	< 10	< 10	89	< 5	863
AMA 1+50S 1+75E	201 238	< 1	0.03	81	2240	44	5	5	75	0.22	< 10	< 10	79	< 5	156
AMA 1+50S 2+00E	201 238	< 1	0.03	62	3140	22	5	6	98	0.23	< 10	< 10	89	10	167
AMA 1+50S 2+25E	201 238	< 1	0.07	155	4550	28	< 5	7	289	0.16	< 10	< 10	98	15	169
AMA 1+50S 2+50E	201 238	2	0.02	25	2680	38	< 5	3	41	0.14	< 10	< 10	64	< 5	124
AMA 1+50S 2+75E	201 238	< 1	0.02	28	760	48	< 5	3	51	0.16	< 10	< 10	58	< 5	80
AMA 1+50S 3+00E	201 238	< 1	0.01	14	860	48	< 5	3	49	0.15	< 10	< 10	65	< 5	71
AMA 1+50S 3+25E	201 238	< 1	0.02	20	2480	72	< 5	3	47	0.12	10	< 10	54	< 5	130
AMA 1+50S 3+50E	201 238	< 1	0.02	12	1070	58	< 5	6	26	0.26	< 10	< 10	108	< 5	89
AMA 1+50S 3+75E	201 238	< 1	0.02	18	810	46	5	6	51	0.27	< 10	< 10	113	20	160
AMA 1+50S 4+00E	201 238	5	0.02	19	1150	58	5	6	63	0.35	< 10	< 10	185	5	119
AMA 1+50S 4+25E	201 238	< 1	0.02	21	1470	26	< 5	4	35	0.18	10	< 10	64	< 5	95

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd

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THE MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project : CEM/CON

Comments: ATTN: ART TROUP

By: KENT AKHURST

Page No : 1  
Tot. : 1  
Date : 17-OCT-88  
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P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825335

SAMPLE DESCRIPTION	PREP CODE	Au tot oz/t	Au - oz/t	Au + mg	Wt. + grams	Wt. - grams					
CEM CON TR3 0-1	207 --	0.004	0.004	< 0.002	6.97	299					
CEM CON TR3 1-2	207 --	< 0.002	< 0.002	< 0.002	3.74	260					
CEM CON TR3 2-3	207 --	< 0.002	< 0.002	< 0.002	2.58	237					
CEM CON TR3 3-4	207 --	< 0.002	< 0.002	< 0.002	3.75	225					
CEM CON TR5 GRAB	207 --	< 0.002	< 0.002	< 0.002	7.94	224					

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY BC CERTIFIED ASSAYERS

CERTIFICATION :

*R. Swales*





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MARK MANAGEMENT LIMITED

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VANCOUVER, BC  
V6C 2W2

Project : CEM/CON

Comments: ATTN: ART TROUP

CC: KENT AKHURST

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Tot. ts: 1  
Date : 18-OCT-88  
Invoice # : I-8825336  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825336

SAMPLE DESCRIPTION	PREP CODE		Al	Ag	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn	Mo
			%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
CEM CON TR3 0-1	299	238	0.86	0.8	20	< 10	< 0.5	< 2	0.14	< 0.5	58	< 1	1270	>15.00	< 10	< 1	0.15	< 10	0.36	87	< 1
CEM CON TR3 1-2	299	238	1.06	< 0.2	< 5	30	< 0.5	< 2	0.15	< 0.5	31	5	568	8.15	< 10	< 1	0.32	< 10	0.53	126	7
CEM CON TR3 2-3	299	238	1.08	< 0.2	20	50	< 0.5	< 2	0.15	< 0.5	37	5	457	6.74	< 10	< 1	0.25	< 10	0.66	155	4
CEM CON TR3 3-4	299	238	1.13	< 0.2	15	90	< 0.5	< 2	0.13	1.0	17	7	190	4.79	< 10	< 1	0.21	10	0.78	218	1
CEM CON TR5 GRAB	299	238	3.95	< 0.2	5	630	< 0.5	< 2	0.39	< 0.5	23	140	51	7.36	< 10	< 1	2.37	< 10	3.08	1070	4

CERTIFICATION :

*B. Coughlin*



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212 BROOKSBANK AVE., NORTH VANCOUVER,  
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TO: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project: CEM/CON

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## CERTIFICATE OF ANALYSIS A8825336

SAMPLE DESCRIPTION	PREP CODE	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
CEM CON TR3 0-1	299 238	0.01	91	210	10	10	2	4	0.01	< 10	< 10	6	< 5	49
CEM CON TR3 1-2	299 238	0.01	41	570	4	< 5	1	4	< 0.01	< 10	< 10	12	< 5	35
CEM CON TR3 2-3	299 238	< 0.01	35	640	< 2	< 5	1	2	< 0.01	10	< 10	9	< 5	58
CEM CON TR3 3-4	299 238	< 0.01	18	590	< 2	< 5	1	3	< 0.01	< 10	< 10	12	< 5	170
CEM CON TR5 GRA	299 238	0.03	48	1040	10	5	17	26	0.30	< 10	< 10	163	< 5	368

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1  
PHONE (604) 984-0221

MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project : CONNOR CREEK  
Comments: ATTN: ART TROUP CC: KENT AKHURST

Page : 1  
Tot. : 1  
Date : 20-OCT-88  
Invoice # : I-8825432  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8825432

SAMPLE DESCRIPTION	PREP CODE	Au tot oz/t	Au - oz/t	Au + mg	Wt. + grams	Wt. - grams					
CEMCON TR4 0-1	207 ---	0.010	0.010	< 0.002	2.98	304					
CEMCON TR4 1-2	207 ---	0.045	0.046	<< 0.002	5.56	284					
CEMCON TR4 2-3	207 ---	0.028	0.028	<< 0.002	3.28	386					
CEMCON TR4 5-6	207 ---	0.008	0.008	<< 0.002	2.75	336					
CEMCON TR4 GRAB	207 ---	0.034	0.034	< 0.009	5.92	305					
CEMCON TR4 GRAB2	207 ---	0.020	0.020	< 0.002	4.28	436					
CEMCON AD3 GRAB1	207 ---	0.012	0.012	< 0.003	8.66	404					
CEMCON AD3 GRAB2	207 ---	0.008	0.008	< 0.002	4.05	403					
CEMCON AD3 GRAB3	207 ---	0.020	0.020	< 0.003	4.49	275					

ALL ASSAY DETERMINATIONS ARE PERFORMED OR SUPERVISED BY B.C. CERTIFIED ASSAYERS

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project : CEM/CON

Comments : ATTN: ART TROUP CC: KENT AKHURST

Page No. : 1-A  
Tot. P : 4  
Date : 9-NOV-88  
Invoice # : I-8826593  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AMA 0+SON 0+5OE	201 238	84	3.99	0.2	285	470	< 0.5	2	0.67	1.0	16	16	118	6.31	20	< 1	0.54	10	1.20	623
AMA 0+SON 0+75E	201 238	161	3.06	0.2	775	600	< 0.5	< 2	0.44	3.0	12	16	87	6.22	10	< 1	0.77	< 10	1.31	650
AMA 0+SON 1+0OE	201 238	201	3.08	0.2	645	350	< 0.5	< 2	0.19	< 0.5	8	24	67	5.13	10	< 1	0.49	10	1.00	242
AMA 0+SON 1+25E	201 238	268	2.70	0.2	135	290	< 0.5	< 2	0.26	< 0.5	5	27	70	4.27	10	< 1	0.35	10	0.90	223
AMA 0+SON 1+5OE	201 238	37	2.92	0.2	90	310	< 0.5	< 2	0.32	< 0.5	14	40	40	3.43	10	< 1	0.20	10	0.84	608
AMA 0+SON 1+75E	201 238	4	3.39	0.2	25	450	< 0.5	< 2	0.51	< 0.5	24	92	39	3.34	10	< 1	0.29	10	1.55	619
AMA 0+SON 2+0OE	201 238	13	2.98	0.2	30	240	< 0.5	< 2	0.39	0.5	26	47	65	3.34	10	< 1	0.19	10	0.95	650
AMA 0+SON 2+25E	201 238	8	2.69	0.2	35	1840	< 0.5	< 2	0.44	1.0	15	25	20	2.67	< 10	< 1	0.21	10	0.52	1840
AMA 0+SON 2+5OE	201 238	15	3.71	0.2	80	280	< 0.5	< 2	0.28	< 0.5	20	35	56	3.46	< 10	< 1	0.22	10	0.84	443
AMA 0+SON 2+75E	201 238	6	3.37	0.2	70	510	< 0.5	< 2	0.45	< 0.5	23	70	51	3.87	10	< 1	0.35	10	1.41	836
AMA 0+SON 3+0OE	201 238	6	2.36	0.2	45	750	< 0.5	< 2	0.43	1.0	15	43	31	3.51	10	< 1	0.32	10	0.99	1270
AMA 0+SON 3+25E	201 238	1	3.70	0.2	10	1380	< 0.5	< 2	2.11	1.0	32	127	39	5.21	20	< 1	0.87	60	2.91	868
AMA 0+SON 3+5OE	201 238	4	3.08	0.2	15	440	< 0.5	< 2	0.45	0.5	20	33	35	2.88	10	< 1	0.18	10	0.68	1400
AMA 0+SON 3+75E	201 238	11	3.31	0.2	20	360	< 0.5	2	0.45	< 0.5	25	48	37	3.47	10	< 1	0.21	10	0.95	605
AMA 0+SON 4+0OE	201 238	7	2.46	0.2	15	270	< 0.5	2	0.29	0.5	13	25	26	2.93	< 10	< 1	0.12	10	0.66	771
AMA 0+SON 4+25E	201 238	11	2.85	0.2	25	310	< 0.5	< 2	0.20	1.5	10	23	28	3.30	10	< 1	0.16	10	0.67	676
AMA 0+SON 4+5OE	201 238	6	2.89	0.2	60	350	< 0.5	< 2	0.20	< 0.5	9	28	31	3.20	10	< 1	0.15	10	0.68	730
AMA 0+SON 4+75E	201 238	9	3.01	0.2	80	290	< 0.5	2	0.17	1.0	11	28	33	3.31	10	< 1	0.10	10	0.53	750
AMA 1+0ON 0+5OE	201 238	48	2.83	0.2	20	350	< 0.5	< 2	0.28	< 0.5	11	34	71	4.23	10	< 1	0.43	< 10	1.23	590
AMA 1+0ON 0+75E	201 238	17	2.87	0.2	60	320	< 0.5	< 2	0.33	0.5	25	33	38	3.50	10	< 1	0.19	10	0.83	624
AMA 1+0ON 1+0OE	201 238	123	2.80	0.2	190	430	< 0.5	< 2	0.31	0.5	24	30	35	3.31	10	< 1	0.28	< 10	0.91	664
AMA 1+0ON 1+25E	201 238	43	2.82	0.2	85	330	< 0.5	2	0.20	1.0	18	47	47	3.90	10	< 1	0.34	10	1.18	463
AMA 1+0ON 1+5OE	201 238	37	3.60	0.2	30	440	< 0.5	< 2	0.48	1.0	21	129	38	4.25	10	< 1	0.33	10	1.96	509
AMA 1+0ON 1+75E	201 238	9	3.64	0.2	40	450	< 0.5	< 2	0.30	1.5	21	27	39	3.76	10	< 1	0.18	10	0.81	1070
AMA 1+0ON 2+0OE	201 238	17	2.89	0.2	20	450	< 0.5	< 2	0.47	1.0	24	34	59	4.90	10	< 1	0.28	10	0.95	736
AMA 1+0ON 2+25E	201 238	39	3.24	0.2	50	250	< 0.5	< 2	0.38	2.5	16	30	23	3.12	10	< 1	0.14	10	0.60	734
AMA 1+0ON 2+5OE	201 238	3	1.95	0.2	50	830	< 0.5	< 2	0.60	3.5	10	22	33	3.55	< 10	< 1	0.17	10	0.48	2070
AMA 1+0ON 2+75E	201 238	12	2.27	0.2	135	360	< 0.5	< 2	0.33	1.5	27	22	68	6.24	10	< 1	0.15	10	0.48	1120
AMA 1+0ON 3+0OE	201 238	11	3.13	0.2	50	140	< 0.5	< 2	0.14	2.5	15	27	128	4.84	10	< 1	0.12	10	0.51	441
AMA 1+0ON 3+25E	201 238	9	3.30	0.2	15	400	< 0.5	< 2	0.42	0.5	16	37	23	3.11	10	< 1	0.17	10	0.69	479
AMA 1+0ON 3+5OE	201 238	6	3.00	0.2	40	530	< 0.5	< 2	0.41	4.5	28	54	42	4.08	10	< 1	0.17	10	0.97	1240
AMA 1+0ON 3+75E	201 238	4	4.06	0.2	15	320	< 0.5	< 2	0.25	< 0.5	18	86	39	3.90	10	< 1	0.21	10	1.42	619
AMA 1+0ON 4+0OE	201 238	13	2.72	0.2	145	450	< 0.5	< 2	0.18	0.5	9	35	41	4.26	10	< 1	0.51	< 10	1.18	508
AMA 1+0ON 4+25E	201 238	56	2.57	0.2	40	550	< 0.5	< 2	0.22	5.5	12	31	43	4.03	10	< 1	0.28	< 10	0.88	1335
AMA 1+SON 0+5OE	201 238	10	3.11	0.2	15	320	< 0.5	< 2	0.51	0.5	17	33	34	3.16	10	< 1	0.20	10	0.79	623
AMA 1+SON 1+5OE	201 238	6	3.05	0.2	25	500	< 0.5	< 2	0.48	0.5	19	127	25	3.19	10	< 1	0.30	10	1.67	847
AMA 1+SON 2+75E	201 238	20	3.12	0.2	55	240	< 0.5	< 2	0.27	1.0	13	28	118	4.83	10	< 1	0.23	10	0.85	399
AMA 1+SON 3+0OE	201 238	16	3.07	0.2	100	320	< 0.5	< 2	0.25	0.5	12	32	106	5.34	10	< 1	0.20	10	0.81	517
AMA 1+SON 3+5OE	201 238	2	4.03	0.2	35	260	< 0.5	< 2	0.30	3.0	19	24	48	3.50	10	< 1	0.12	10	0.49	796
AMA 1+SON 3+75E	201 238	5	3.36	0.2	130	350	< 0.5	< 2	0.34	0.5	18	38	53	4.62	10	< 1	0.23	10	0.77	876

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 BROOKSBANK AVE., NORTH VANCOUVER,  
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T MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
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Project : CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No. : 1-B  
 Tot. P : 4  
 Date : 9-NOV-88  
 Invoice # : I-8826593  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AMA 0+50N 0+50E	201 238	2	0.04	16	1180	6	< 5	8	59	0.27	< 10	< 10	134	< 5	94
AMA 0+50N 0+75E	201 238	2	0.03	16	1990	104	< 5	9	58	0.23	< 10	< 10	125	< 5	132
AMA 0+50N 1+00E	201 238	1	0.02	19	650	2	< 5	7	30	0.23	< 10	< 10	102	< 5	50
AMA 0+50N 1+25E	201 238	2	0.02	14	640	4	< 5	6	30	0.22	< 10	< 10	103	< 5	43
AMA 0+50N 1+50E	201 238	1	0.02	32	1250	16	< 5	5	32	0.19	10	< 10	74	< 5	81
AMA 0+50N 1+75E	201 238	1	0.03	77	2600	14	< 5	4	54	0.23	< 10	< 10	59	< 5	106
AMA 0+50N 2+00E	201 238	2	0.03	91	1090	12	< 5	5	33	0.21	< 10	< 10	69	< 5	139
AMA 0+50N 2+25E	201 238	1	0.03	30	8190	18	< 5	5	58	0.14	< 10	< 10	42	< 5	332
AMA 0+50N 2+50E	201 238	2	0.02	40	1160	14	5	7	26	0.20	< 10	< 10	79	< 5	81
AMA 0+50N 2+75E	201 238	1	0.02	59	1880	8	< 5	7	44	0.24	< 10	< 10	91	< 5	107
AMA 0+50N 3+00E	201 238	1	0.03	36	2570	28	< 5	6	53	0.20	< 10	< 10	76	< 5	176
AMA 0+50N 3+25E	201 238	1	0.10	141	4270	26	5	8	351	0.25	< 10	< 10	104	< 5	163
AMA 0+50N 3+50E	201 238	1	0.03	33	2680	10	< 5	4	39	0.18	< 10	< 10	56	< 5	125
AMA 0+50N 3+75E	201 238	< 1	0.02	41	890	6	< 5	6	42	0.23	< 10	< 10	77	< 5	79
AMA 0+50N 4+00E	201 238	1	0.02	22	1300	48	< 5	4	32	0.17	< 10	< 10	63	< 5	77
AMA 0+50N 4+25E	201 238	1	0.02	19	1110	22	< 5	4	20	0.19	< 10	< 10	72	< 5	117
AMA 0+50N 4+50E	201 238	3	0.02	25	1710	22	5	5	24	0.17	< 10	< 10	68	< 5	94
AMA 0+50N 4+75E	201 238	1	0.02	29	1370	14	< 5	4	18	0.17	< 10	< 10	59	< 5	140
AMA 1+00N 0+50E	201 238	2	0.02	16	860	32	< 5	10	37	0.21	< 10	< 10	121	< 5	107
AMA 1+00N 0+75E	201 238	1	0.02	30	910	22	< 5	7	43	0.18	< 10	< 10	89	< 5	101
AMA 1+00N 1+00E	201 238	< 1	0.03	25	940	10	< 5	8	35	0.20	< 10	< 10	95	< 5	76
AMA 1+00N 1+25E	201 238	1	0.02	24	680	24	< 5	9	21	0.22	< 10	10	117	< 5	82
AMA 1+00N 1+50E	201 238	< 1	0.02	72	2650	12	< 5	6	50	0.30	< 10	< 10	90	< 5	179
AMA 1+00N 1+75E	201 238	1	0.03	27	1680	50	< 5	6	30	0.19	< 10	< 10	82	< 5	367
AMA 1+00N 2+00E	201 238	1	0.02	32	1340	4	5	8	38	0.19	< 10	< 10	111	< 5	201
AMA 1+00N 2+25E	201 238	1	0.03	38	960	46	5	4	29	0.18	< 10	< 10	60	< 5	466
AMA 1+00N 2+50E	201 238	2	0.03	16	2910	34	< 5	5	57	0.11	< 10	< 10	54	5	701
AMA 1+00N 2+75E	201 238	1	0.04	50	3540	30	< 5	5	36	0.12	< 10	< 10	58	< 5	251
AMA 1+00N 3+00E	201 238	2	0.03	38	1850	268	5	5	16	0.17	< 10	< 10	61	< 5	155
AMA 1+00N 3+25E	201 238	< 1	0.04	93	2060	10	< 5	4	45	0.21	< 10	< 10	52	< 5	208
AMA 1+00N 3+50E	201 238	2	0.03	69	2250	86	5	4	40	0.22	< 10	< 10	62	< 5	337
AMA 1+00N 3+75E	201 238	2	0.02	66	900	24	< 5	7	28	0.26	< 10	< 10	83	< 5	100
AMA 1+00N 4+00E	201 238	< 1	0.02	12	850	18	< 5	12	21	0.22	< 10	< 10	150	< 5	84
AMA 1+00N 4+25E	201 238	1	0.02	17	1300	214	< 5	8	30	0.19	< 10	< 10	88	< 5	223
AMA 1+50N 0+50E	201 238	1	0.03	28	1450	28	< 5	5	49	0.17	< 10	< 10	67	< 5	114
AMA 1+50N 1+50E	201 238	1	0.02	67	2050	14	< 5	3	59	0.24	< 10	< 10	59	< 5	111
AMA 1+50N 2+75E	201 238	3	0.02	27	1010	80	5	8	32	0.19	< 10	< 10	96	< 5	176
AMA 1+50N 3+00E	201 238	3	0.03	32	930	46	< 5	8	33	0.19	< 10	< 10	105	< 5	155
AMA 1+50N 3+50E	201 238	2	0.04	51	1130	28	10	5	25	0.20	< 10	< 10	55	< 5	359
AMA 1+50N 3+75E	201 238	< 1	0.03	79	1410	6	< 5	7	36	0.21	10	< 10	86	< 5	272

CERTIFICATION :



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
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PHONE (604) 984-0121

To: MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project: CBM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No.: 2-A

Tot. Pa.: 4

Date: 19-NOV-88

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## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AMA 1+50N 4+00E	201 238	35	3.08	< 0.2	70	680	1.0	< 2	0.67	5.0	31	138	31	3.97	20	1	0.38	20	1.69	2640
AMA 1+50N 4+25E	201 238	13	3.44	0.2	25	410	1.0	< 2	0.48	1.0	24	109	40	3.73	20	1	0.22	20	1.34	1735
AMA 2+00S 1+00E	201 238	23	3.55	0.6	75	420	1.0	< 2	0.56	4.5	23	32	85	3.87	10	3	0.20	20	0.71	564
AMA 2+00S 1+25E	201 238	143	3.29	0.4	125	430	1.0	< 2	0.74	4.0	34	46	161	5.19	20	< 1	0.24	30	0.94	747
AMA 2+00S 1+50E	201 238	110	2.97	0.2	40	560	1.0	< 2	0.92	4.0	35	71	129	4.25	20	< 1	0.38	30	1.38	768
AMA 2+00S 1+75E	201 238	11	4.05	0.8	75	400	1.5	< 2	0.68	5.0	34	64	115	4.25	20	3	0.23	30	1.04	1025
AMA 2+00S 2+00E	201 238	13	2.91	0.6	20	560	1.0	< 2	0.92	13.5	31	57	81	3.62	10	< 1	0.24	30	0.89	1100
AMA 2+00S 2+25E	201 238	26	3.14	2.0	75	410	1.0	< 2	0.66	8.5	52	54	236	4.85	20	< 1	0.32	20	1.23	1905
AMA 2+00S 2+50E	201 238	5	3.19	0.8	65	270	1.0	< 2	0.47	3.5	16	32	45	2.96	10	< 1	0.15	10	0.58	692
AMA 2+00S 2+75E	201 238	15	2.49	0.4	45	530	0.5	< 2	0.61	3.0	11	23	39	4.39	10	< 1	0.19	20	0.64	1220
AMA 2+00S 3+00E	201 238	24	2.82	0.6	60	200	0.5	< 2	0.24	1.5	11	22	87	4.72	10	1	0.18	10	0.68	589
AMA 2+00S 3+25E	201 238	25	3.59	0.4	60	140	0.5	< 2	0.13	2.5	10	24	86	4.30	10	< 1	0.14	10	0.70	258
AMA 2+00S 3+50E	201 238	15	3.61	0.4	30	220	0.5	< 2	0.22	< 0.5	17	22	63	4.71	10	< 1	0.26	10	0.93	368
AMA 2+00S 3+75E	201 238	22	2.86	< 0.2	40	320	0.5	< 2	0.36	4.0	25	16	35	5.10	10	< 1	0.24	10	0.97	1560
AMA 2+00S 4+00E	201 238	22	3.43	< 0.2	35	330	0.5	< 2	0.43	0.5	21	30	41	4.34	10	< 1	0.18	10	1.03	1040
AMA 2+00S 4+25E	201 238	8	3.32	< 0.2	40	260	1.0	< 2	0.41	1.5	19	26	42	3.62	10	< 1	0.11	10	0.80	1040
AMA 2+00S 4+50E	201 238	5	3.33	0.2	55	230	1.0	< 2	0.25	< 0.5	17	33	39	4.16	10	1	0.07	10	0.69	681
AMA 2+00S 4+75E	201 238	26	4.14	0.6	45	160	1.0	< 2	0.18	3.0	13	23	50	3.89	10	< 1	0.08	10	0.40	710
AMA 2+00S 5+00E	201 238	3	2.38	0.2	20	290	0.5	< 2	0.22	1.0	11	20	11	2.51	10	< 1	0.10	10	0.42	1150
AMA 2+50S 1+00E	201 238	21	3.25	0.6	< 5	270	0.5	< 2	0.22	1.5	10	23	34	3.19	10	1	0.12	10	0.54	450
AMA 2+50S 1+25E	201 238	18	2.74	< 0.2	40	550	< 0.5	< 2	0.15	< 0.5	11	15	55	4.83	< 10	< 1	0.28	10	0.84	231
AMA 2+50S 1+50E	201 238	13	3.04	< 0.2	30	320	0.5	< 2	0.32	2.0	18	41	156	4.73	10	< 1	0.27	10	1.01	308
AMA 2+50S 1+75E	201 238	15	2.74	< 0.2	45	520	0.5	< 2	0.80	9.0	26	52	67	3.73	10	1	0.28	20	1.05	837
AMA 2+50S 2+00E	201 238	22	3.49	< 0.2	25	400	1.0	< 2	0.44	8.5	28	65	59	3.47	10	1	0.21	20	1.05	954
AMA 2+50S 2+25E	201 238	39	3.45	< 0.2	35	210	0.5	< 2	0.43	< 0.5	12	20	111	5.36	10	< 1	0.19	20	0.68	285
AMA 2+50S 2+50E	201 238	12	2.33	< 0.2	30	250	0.5	2	0.22	8.0	20	21	137	5.34	< 10	< 1	0.21	10	0.87	714
AMA 2+50S 2+75E	201 238	9	2.43	< 0.2	70	180	0.5	4	0.18	0.5	24	21	93	4.12	< 10	1	0.15	10	0.77	828
AMA 2+50S 3+00E	201 238	16	2.75	< 0.2	85	240	0.5	8	0.27	3.0	17	35	53	4.06	< 10	< 1	0.15	10	0.71	1030
AMA 2+50S 3+25E	201 238	44	3.32	< 0.2	120	290	0.5	6	0.28	2.0	15	20	41	4.00	< 10	< 1	0.17	10	0.79	649
AMA 2+50S 3+50E	201 238	11	3.20	< 0.2	15	220	0.5	< 2	0.16	2.5	15	27	37	3.38	< 10	< 1	0.11	10	0.72	693
AMA 2+50S 3+75E	201 238	49	3.58	< 0.2	30	250	1.0	< 2	0.36	2.0	27	85	60	3.95	< 10	2	0.12	10	1.34	1345
AMA 2+50S 4+00E	201 238	5	2.94	< 0.2	30	160	0.5	< 2	0.17	1.0	16	33	36	3.48	< 10	< 1	0.07	10	0.71	722
AMA 2+50S 4+25E	201 238	2	3.60	< 0.2	30	240	1.0	10	0.32	< 0.5	12	14	27	2.86	< 10	< 1	0.07	10	0.48	954
AMA 2+50S 4+50E	201 238	3	3.50	< 0.2	75	180	0.5	< 2	0.30	1.5	11	17	25	2.72	< 10	< 1	0.06	10	0.47	785
AMA 2+50S 4+75E	201 238	7	3.04	< 0.2	5	200	0.5	< 2	0.21	0.5	11	22	46	2.86	< 10	< 1	0.09	10	0.56	657
AMA 2+50S 5+00E	201 238	7	2.91	< 0.2	< 5	200	0.5	6	0.21	0.5	10	25	32	2.86	10	< 1	0.06	10	0.51	678
AMA 3+00S 1+00E	201 238	13	2.70	0.2	30	340	0.5	6	0.36	1.0	23	44	68	3.54	10	< 1	0.12	10	0.88	1565
AMA 3+00S 1+25E	201 238	6	2.60	< 0.2	25	370	0.5	< 2	0.39	0.5	11	16	39	3.50	10	< 1	0.22	10	0.70	634
AMA 3+00S 1+50E	201 238	7	3.69	0.4	15	650	0.5	< 2	0.35	< 0.5	15	30	37	3.42	10	< 1	0.23	20	0.80	749
AMA 3+00S 1+75E	201 238	4	3.22	0.4	20	580	0.5	2	0.33	0.5	24	25	154	4.14	10	2	0.51	10	1.17	410

CERTIFICATION : B. Conklin



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Project: CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No. : 2-B  
 Tot. Pgs 4  
 Date 9-NOV-88  
 Invoice # : I-8826593  
 P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Mb ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AMA 1+50N 4+00E	201 238	1	0.03	82	1990	96	< 5	8	70	0.27	< 10	< 10	88	< 5	580
AMA 1+50N 4+25E	201 238	1	0.03	79	1410	30	< 5	6	53	0.24	< 10	< 10	85	5	172
AMA 2+00S 1+00E	201 238	2	0.05	67	4970	< 2	< 5	5	63	0.15	< 10	< 10	63	5	1490
AMA 2+00S 1+25E	201 238	2	0.03	93	1660	< 2	< 5	6	73	0.19	< 10	< 10	74	5	1735
AMA 2+00S 1+50E	201 238	< 1	0.04	104	1990	10	< 5	7	112	0.24	< 10	< 10	87	10	1290
AMA 2+00S 1+75E	201 238	2	0.06	115	1450	20	< 5	7	80	0.25	< 10	< 10	76	10	2440
AMA 2+00S 2+00E	201 238	< 1	0.04	92	4210	160	5	5	86	0.16	< 10	< 10	63	15	3260
AMA 2+00S 2+25E	201 238	11	0.03	60	2980	200	< 5	6	66	0.21	< 10	< 10	111	20	4980
AMA 2+00S 2+50E	201 238	1	0.04	36	1740	124	< 5	4	45	0.18	< 10	< 10	53	< 5	1420
AMA 2+00S 2+75E	201 238	< 1	0.03	12	3280	74	< 5	4	85	0.14	< 10	< 10	57	< 5	806
AMA 2+00S 3+00E	201 238	< 1	0.02	19	820	60	< 5	5	28	0.18	< 10	< 10	71	< 5	302
AMA 2+00S 3+25E	201 238	< 1	0.02	21	870	32	< 5	5	25	0.18	< 10	< 10	70	< 5	220
AMA 2+00S 3+50E	201 238	< 1	0.02	20	610	36	< 5	5	29	0.23	< 10	< 10	94	< 5	207
AMA 2+00S 3+75E	201 238	< 1	0.03	21	1940	94	< 5	4	37	0.21	< 10	< 10	96	< 5	362
AMA 2+00S 4+00E	201 238	< 1	0.02	25	1730	24	< 5	5	47	0.20	< 10	< 10	95	< 5	217
AMA 2+00S 4+25E	201 238	< 1	0.03	24	1650	42	< 5	4	40	0.18	< 10	< 10	74	5	252
AMA 2+00S 4+50E	201 238	< 1	0.02	27	1410	50	< 5	5	30	0.20	< 10	< 10	85	< 5	208
AMA 2+00S 4+75E	201 238	1	0.03	21	2300	100	< 5	5	18	0.21	< 10	< 10	68	< 5	247
AMA 2+00S 5+00E	201 238	< 1	0.03	25	1610	46	< 5	3	24	0.15	< 10	< 10	48	< 5	180
AMA 2+50S 1+00E	201 238	2	0.03	22	1100	16	< 5	4	25	0.19	< 10	< 10	66	< 5	277
AMA 2+50S 1+25E	201 238	3	0.02	18	2110	22	< 5	7	18	0.22	< 10	< 10	120	< 5	126
AMA 2+50S 1+50E	201 238	6	0.03	46	1390	20	< 5	6	39	0.20	< 10	< 10	108	< 5	1285
AMA 2+50S 1+75E	201 238	< 1	0.03	76	3450	26	< 5	5	69	0.20	< 10	< 10	64	< 5	3630
AMA 2+50S 2+00E	201 238	1	0.03	76	4120	6	< 5	5	41	0.21	< 10	< 10	56	< 5	4150
AMA 2+50S 2+25E	201 238	7	0.03	19	1460	4	< 5	5	60	0.17	< 10	< 10	61	< 5	183
AMA 2+50S 2+50E	201 238	6	0.02	26	1550	72	< 5	5	28	0.16	< 10	< 10	88	< 5	340
AMA 2+50S 2+75E	201 238	2	0.02	31	660	86	< 5	4	26	0.17	< 10	< 10	74	< 5	645
AMA 2+50S 3+00E	201 238	4	0.02	26	1410	132	< 5	4	30	0.16	< 10	< 10	66	< 5	851
AMA 2+50S 3+25E	201 238	1	0.02	26	720	66	< 5	5	35	0.18	< 10	< 10	73	< 5	1085
AMA 2+50S 3+50E	201 238	2	0.02	22	860	72	< 5	4	24	0.16	< 10	< 10	65	< 5	461
AMA 2+50S 3+75E	201 238	4	0.02	48	1310	206	< 5	6	41	0.20	< 10	< 10	77	< 5	1030
AMA 2+50S 4+00E	201 238	2	0.02	22	810	46	< 5	4	21	0.19	< 10	< 10	70	< 5	456
AMA 2+50S 4+25E	201 238	2	0.02	18	1410	24	< 5	3	46	0.19	< 10	< 10	53	< 5	154
AMA 2+50S 4+50E	201 238	1	0.02	25	1140	36	< 5	3	35	0.18	< 10	< 10	52	< 5	193
AMA 2+50S 4+75E	201 238	2	0.02	20	2520	4	< 5	3	25	0.16	< 10	< 10	59	< 5	121
AMA 2+50S 5+00E	201 238	2	0.02	17	870	< 2	< 5	3	23	0.18	< 10	< 10	53	< 5	104
AMA 3+00S 1+00E	201 238	3	0.03	32	1350	56	< 5	5	39	0.17	< 10	< 10	69	< 5	466
AMA 3+00S 1+25E	201 238	8	0.03	20	1960	30	< 5	5	46	0.18	< 10	< 10	72	< 5	228
AMA 3+00S 1+50E	201 238	2	0.04	28	2700	8	< 5	5	54	0.22	< 10	< 10	68	< 5	267
AMA 3+00S 1+75E	201 238	1	0.03	41	3520	< 2	< 5	9	47	0.18	< 10	< 10	99	< 5	178

CERTIFICATION : P. Langh



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## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AMA 3+00S 2+00E	201 238	8	3.36	0.2	35	390	0.5	< 2	0.47	0.5	39	64	117	4.06	< 10	1	0.28	20	1.26	829
AMA 3+00S 2+25E	201 238	82	2.93	0.2	70	230	0.5	8	0.31	0.5	17	26	33	3.77	10	1	0.14	10	0.60	661
AMA 3+00S 2+50E	201 238	152	3.45	0.4	55	190	0.5	6	0.28	< 0.5	15	24	69	5.75	10	5	0.21	10	0.87	569
AMA 3+00S 2+75E	201 238	48	3.63	2.2	70	210	< 0.5	< 2	0.16	0.5	18	43	169	7.40	10	< 1	0.38	10	1.49	421
AMA 3+00S 3+00E	201 238	111	2.87	0.2	40	280	0.5	4	0.32	1.5	18	35	49	3.90	< 10	1	0.19	10	0.76	739
AMA 3+00S 3+25E	201 238	2	2.43	0.2	55	330	0.5	< 2	0.28	2.5	11	24	31	4.59	< 10	2	0.31	10	0.99	568
AMA 3+00S 3+50E	201 238	12	3.21	0.2	20	400	0.5	4	0.51	1.5	21	48	71	4.13	< 10	< 1	0.15	10	0.77	1315
AMA 3+00S 3+75E	201 238	8	3.12	0.2	25	220	0.5	< 2	0.39	< 0.5	13	31	46	3.26	< 10	< 1	0.08	10	0.68	914
AMA 4+00S 1+00E	201 238	21	3.13	< 0.2	15	660	0.5	< 2	0.68	2.0	22	56	79	5.03	< 10	< 1	0.31	20	1.63	885
AMA 4+00S 1+25E	201 238	5	3.31	0.4	25	510	0.5	8	0.48	0.5	19	31	67	4.29	< 10	< 1	0.32	20	1.18	485
AMA 4+00S 1+50E	201 238	4	3.10	< 0.2	20	640	< 0.5	4	0.48	< 0.5	15	28	36	3.57	< 10	< 1	0.20	20	0.83	918
AMA 4+00S 1+75E	201 238	1	3.47	0.2	10	550	0.5	2	0.45	< 0.5	8	16	24	2.01	< 10	< 1	0.11	10	0.26	542
AMA 4+00S 2+00E	201 238	80	3.85	0.2	10	690	0.5	6	0.61	1.0	21	42	64	4.52	< 10	< 1	0.35	10	1.01	1235
AMA 4+00S 2+25E	201 238	16	3.86	0.2	35	380	0.5	2	0.52	0.5	20	31	34	3.64	< 10	< 1	0.20	10	0.70	679
AMA 4+00S 2+50E	201 238	7	3.23	0.2	35	220	0.5	2	0.51	< 0.5	14	24	31	2.70	< 10	< 1	0.10	10	0.48	722
AMA 4+00S 2+75E	201 238	6	4.30	0.4	20	250	0.5	< 2	0.38	0.5	15	31	27	2.91	< 10	< 1	0.10	20	0.61	672
AMA 4+00S 3+00E	201 238	6	3.44	0.2	< 5	200	0.5	< 2	0.29	1.0	13	27	23	2.99	10	< 1	0.09	10	0.62	618
AMA 4+00S 3+25E	201 238	13	3.07	< 0.2	25	230	0.5	< 2	0.26	2.5	15	27	24	3.01	< 10	< 1	0.09	10	0.57	717
AMA 4+00S 3+50E	201 238	5	3.26	< 0.2	< 5	440	0.5	6	0.36	0.5	18	33	30	3.16	< 10	< 1	0.11	10	0.78	672
AMA 4+00S 3+75E	201 238	22	2.90	< 0.2	< 5	180	0.5	4	0.21	1.0	13	22	39	2.98	< 10	< 1	0.07	10	0.61	757
AMA 4+00S 4+00E	201 238	91	2.00	0.2	70	110	0.5	4	0.20	4.0	11	19	16	2.75	10	< 1	0.07	10	0.48	1005
AMA 4+00S 4+25E	201 238	9	2.47	0.2	20	260	0.5	< 2	0.35	1.0	15	36	34	3.18	< 10	< 1	0.13	10	0.81	809
AMA 4+00S 4+50E	201 238	2	2.58	0.2	5	480	< 0.5	2	0.37	< 0.5	15	38	15	3.56	< 10	< 1	0.17	10	1.01	685
AMA 4+00S 4+75E	201 238	13	1.82	0.4	30	210	0.5	< 2	0.19	1.0	9	24	11	2.83	10	1	0.06	10	0.52	460
AMA 4+00S 5+00E	201 238	6	2.95	0.4	< 5	310	< 0.5	< 2	0.21	0.5	13	24	31	3.03	< 10	1	0.14	10	0.55	638
AMA 5+00S 1+00E	201 238	8	3.05	0.2	25	420	0.5	2	0.63	0.5	13	30	48	2.96	< 10	1	0.19	20	0.62	1170
AMA 5+00S 1+25E	201 238	18	2.97	< 0.2	15	460	0.5	2	0.60	1.0	14	30	59	3.30	< 10	2	0.18	10	0.66	1240
AMA 5+00S 1+50E	201 238	13	3.51	< 0.2	40	660	0.5	< 2	0.82	0.5	17	48	49	2.97	< 10	3	0.17	20	0.71	983
AMA 5+00S 1+75E	201 238	9	4.39	0.2	< 5	240	1.0	< 2	0.91	0.5	32	228	60	4.32	< 10	< 1	0.14	20	2.13	1115
AMA 5+00S 2+00E	201 238	7	3.70	< 0.2	5	320	0.5	< 2	0.81	1.0	32	319	29	3.79	< 10	< 1	0.24	20	2.73	1005
AMA 5+00S 2+25E	201 238	35	3.24	< 0.2	10	340	0.5	< 2	0.51	1.0	30	270	39	3.90	< 10	< 1	0.13	10	2.18	835
AMA 5+00S 2+50E	201 238	9	3.25	0.4	< 5	190	0.5	2	0.19	0.5	13	62	29	3.27	< 10	< 1	0.09	10	0.79	441
AMA 5+00S 2+75E	201 238	5	3.36	0.2	30	380	0.5	< 2	0.47	< 0.5	15	50	32	3.44	< 10	1	0.14	10	0.87	1085
AMA 5+00S 3+00E	201 238	9	3.50	0.6	10	390	0.5	8	0.29	2.0	19	93	28	3.49	< 10	1	0.11	10	1.20	1325
AMA 5+00S 3+25E	201 238	4	3.11	0.4	25	290	0.5	2	0.31	0.5	18	40	25	3.16	< 10	< 1	0.14	10	0.76	750
AMA 5+00S 3+50E	201 238	9	3.87	0.4	15	310	0.5	2	0.45	< 0.5	23	67	41	3.70	10	< 1	0.14	20	1.17	757
AMA 5+00S 3+75E	201 238	20	3.28	0.6	35	220	0.5	< 2	0.32	1.5	23	92	38	3.53	< 10	< 1	0.16	20	1.25	429
AMA 5+00S 4+00E	201 238	4	2.04	0.2	75	190	0.5	< 2	0.27	4.0	15	24	17	2.70	< 10	< 1	0.09	10	0.48	829
AMA 5+00S 4+25E	201 238	5	3.09	0.4	35	260	0.5	< 2	0.25	< 0.5	15	37	36	3.37	< 10	< 1	0.11	10	0.77	778
AMA 5+00S 4+50E	201 238	2	2.61	0.2	25	280	0.5	2	0.20	0.5	14	25	15	3.15	< 10	1	0.08	10	0.54	644

CERTIFICATION :

*B. Coughlin*





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## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
AMA 3+00S 2+00E	201 238	2	0.03	72	1730	26	< 5	5	46	0.23	< 10	< 10	71	< 5	334
AMA 3+00S 2+25E	201 238	< 1	0.03	21	1210	26	< 5	4	44	0.19	< 10	< 10	60	< 5	366
AMA 3+00S 2+50E	201 238	5	0.03	21	730	28	< 5	6	46	0.19	< 10	< 10	76	< 5	274
AMA 3+00S 2+75E	201 238	3	0.03	27	1120	108	< 5	9	35	0.20	< 10	< 10	106	5	402
AMA 3+00S 3+00E	201 238	2	0.03	31	800	100	< 5	5	48	0.19	< 10	< 10	71	5	269
AMA 3+00S 3+25E	201 238	3	0.03	19	1390	32	< 5	6	38	0.23	< 10	< 10	93	< 5	271
AMA 3+00S 3+50E	201 238	3	0.03	20	3910	48	< 5	5	53	0.18	< 10	< 10	66	< 5	204
AMA 3+00S 3+75E	201 238	2	0.02	20	750	30	5	4	50	0.20	< 10	< 10	61	< 5	106
AMA 4+00S 1+00E	201 238	4	0.04	49	2100	34	5	5	105	0.33	< 10	< 10	82	5	308
AMA 4+00S 1+25E	201 238	3	0.04	31	2590	72	< 5	5	91	0.24	< 10	< 10	76	< 5	130
AMA 4+00S 1+50E	201 238	2	0.04	25	3220	26	< 5	4	94	0.18	< 10	< 10	54	< 5	94
AMA 4+00S 1+75E	201 238	1	0.05	10	4560	12	5	4	53	0.13	< 10	< 10	28	< 5	109
AMA 4+00S 2+00E	201 238	4	0.03	25	2650	28	5	7	77	0.24	< 10	< 10	81	< 5	114
AMA 4+00S 2+25E	201 238	5	0.03	16	3230	18	< 5	5	66	0.21	< 10	< 10	67	5	117
AMA 4+00S 2+50E	201 238	1	0.03	14	1650	22	< 5	3	51	0.16	< 10	< 10	51	< 5	112
AMA 4+00S 2+75E	201 238	1	0.04	28	1710	6	< 5	5	41	0.23	< 10	< 10	49	< 5	125
AMA 4+00S 3+00E	201 238	1	0.03	22	1600	18	< 5	4	31	0.20	< 10	< 10	61	< 5	138
AMA 4+00S 3+25E	201 238	2	0.03	23	1800	46	< 5	4	27	0.18	< 10	< 10	58	< 5	222
AMA 4+00S 3+50E	201 238	3	0.03	35	2470	< 2	< 5	4	47	0.17	< 10	< 10	61	< 5	211
AMA 4+00S 3+75E	201 238	3	0.02	22	1540	16	< 5	4	21	0.16	< 10	< 10	57	< 5	207
AMA 4+00S 4+00E	201 238	1	0.03	14	1770	104	< 5	4	17	0.16	< 10	< 10	60	< 5	151
AMA 4+00S 4+25E	201 238	1	0.04	29	1340	24	< 5	5	42	0.19	< 10	< 10	65	< 5	153
AMA 4+00S 4+50E	201 238	2	0.03	21	1850	18	< 5	6	29	0.23	< 10	< 10	87	< 5	186
AMA 4+00S 4+75E	201 238	2	0.03	15	860	14	< 5	3	23	0.19	< 10	< 10	60	< 5	141
AMA 4+00S 5+00E	201 238	1	0.03	15	1620	10	< 5	3	25	0.18	< 10	< 10	51	5	141
AMA 5+00S 1+00E	201 238	2	0.03	22	1960	2	< 5	4	81	0.17	< 10	< 10	51	< 5	111
AMA 5+00S 1+25E	201 238	2	0.03	21	3670	28	< 5	5	82	0.16	< 10	< 10	50	< 5	123
AMA 5+00S 1+50E	201 238	2	0.04	36	6010	2	< 5	5	106	0.15	< 10	< 10	49	< 5	151
AMA 5+00S 1+75E	201 238	2	0.05	107	1510	16	< 5	7	73	0.33	< 10	< 10	94	5	162
AMA 5+00S 2+00E	201 238	2	0.06	134	1610	44	< 5	5	75	0.33	< 10	< 10	85	5	144
AMA 5+00S 2+25E	201 238	< 1	0.05	115	1810	22	< 5	5	45	0.28	< 10	< 10	81	< 5	146
AMA 5+00S 2+50E	201 238	1	0.02	33	1390	10	< 5	5	22	0.19	< 10	< 10	62	5	135
AMA 5+00S 2+75E	201 238	3	0.03	37	1750	10	< 5	5	42	0.19	< 10	< 10	65	< 5	185
AMA 5+00S 3+00E	201 238	1	0.03	50	2310	44	< 5	5	27	0.21	< 10	< 10	70	< 5	258
AMA 5+00S 3+25E	201 238	2	0.03	36	1500	10	< 5	4	29	0.22	< 10	< 10	59	5	192
AMA 5+00S 3+50E	201 238	1	0.05	49	2980	< 2	< 5	5	52	0.25	< 10	< 10	68	< 5	161
AMA 5+00S 3+75E	201 238	2	0.04	56	1000	28	< 5	5	34	0.28	< 10	< 10	71	< 5	216
AMA 5+00S 4+00E	201 238	2	0.04	21	1590	22	< 5	3	26	0.17	< 10	< 10	47	< 5	342
AMA 5+00S 4+25E	201 238	2	0.03	21	1450	36	< 5	5	23	0.24	< 10	< 10	70	< 5	157
AMA 5+00S 4+50E	201 238	1	0.03	22	1500	14	< 5	4	28	0.20	< 10	< 10	59	5	152

CERTIFICATION :

*B. Coughlin*



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-1C1

PHONE (604) 984-0221

T MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project : CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No : 4-A  
Tot. P: 4  
Date : 9-NOV-88  
Invoice # : I-8826593  
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE	Au NAA ppb	Al %	Ag ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
AMA 5+00S 4+75E	201 238	40	2.15	0.4	15	350	< 0.5	6	0.17	0.5	10	30	28	3.68	< 10	< 1	0.13	10	0.86	1350
AMA 5+00S 5+00E	201 238	19	2.71	0.4	40	230	< 0.5	6	0.17	0.5	16	80	50	3.33	< 10	< 1	0.13	10	1.08	401

CERTIFICATION : B. Coughlin



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers

212 BROOKSBANK AVE., NORTH VANCOUVER,  
BRITISH COLUMBIA, CANADA V7J-2C1

PHONE (604) 984-0221

MARK MANAGEMENT LIMITED

1800 - 999 W. HASTINGS ST.  
VANCOUVER, BC  
V6C 2W2

Project : CEM/CON

Comments: ATTN: ART TROUP CC: KENT AKHURST

Page No. : 4-B

Tot. P. : 4

Date : 9-NOV-88

Invoice # : I-8826593

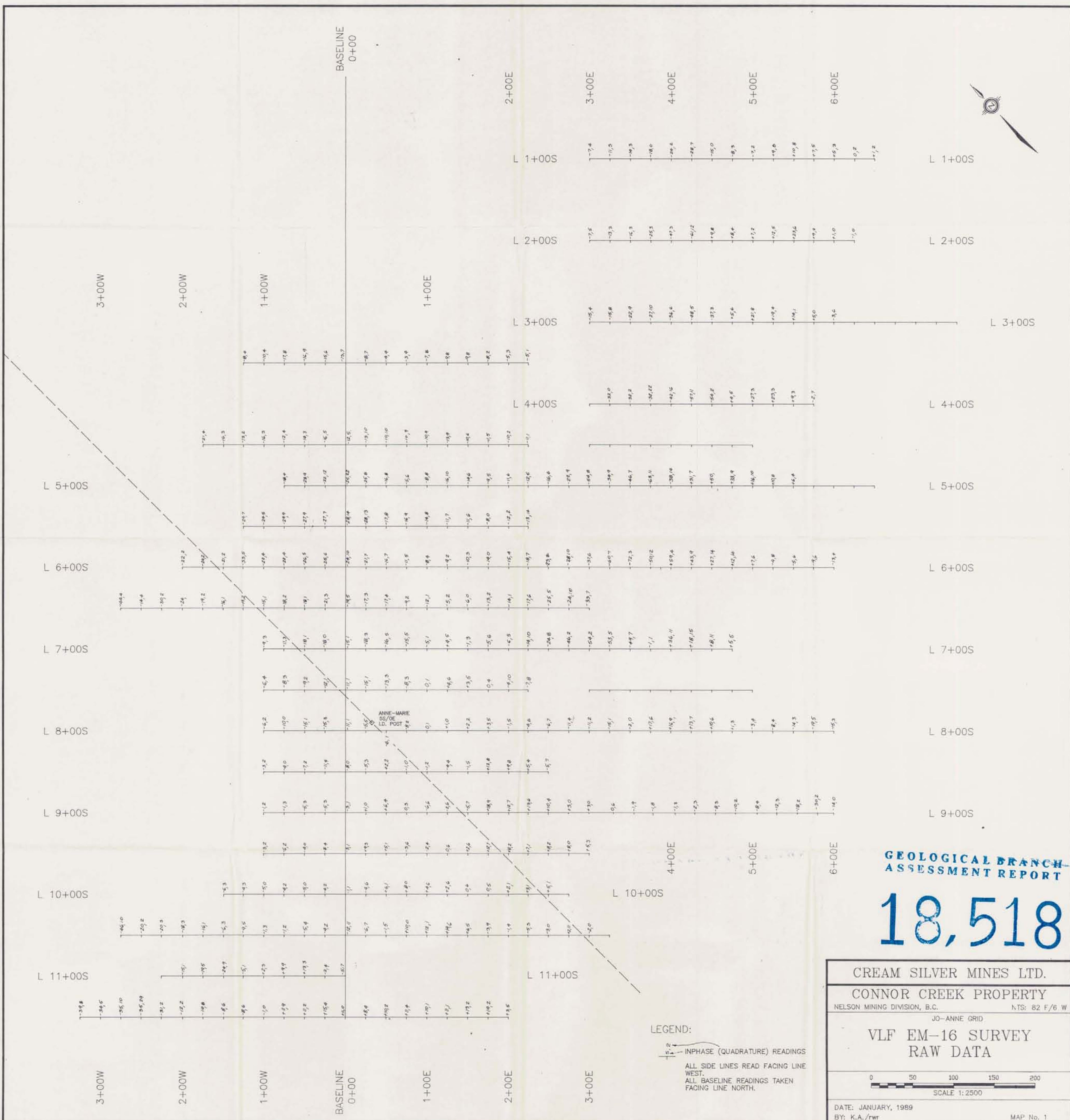
P.O. # : NONE

## CERTIFICATE OF ANALYSIS A8826593

SAMPLE DESCRIPTION	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
AMM 5+00S 4+75E	201	238	1	0.02	8	800	16	< 5	7	19	0.17	< 10	< 10	85	< 5	160
AMM 5+00S 5+00E	201	238	2	0.03	43	1600	50	< 5	4	19	0.23	< 10	< 10	66	< 5	130

CERTIFICATION :

*B. Coughlin*



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

# 18,518

CREAM SILVER MINES LTD.

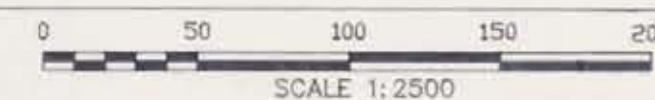
CONNOR CREEK PROPERTY

NELSON MINING DIVISION, B.C.

NTS: 82 F/6 W

JO-ANNE GRID

VLF EM-16 SURVEY  
RAW DATA



DATE: JANUARY, 1989  
BY: K.A./rwr

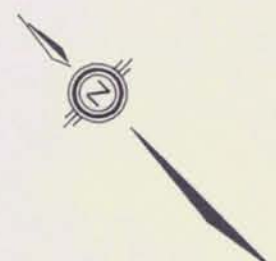
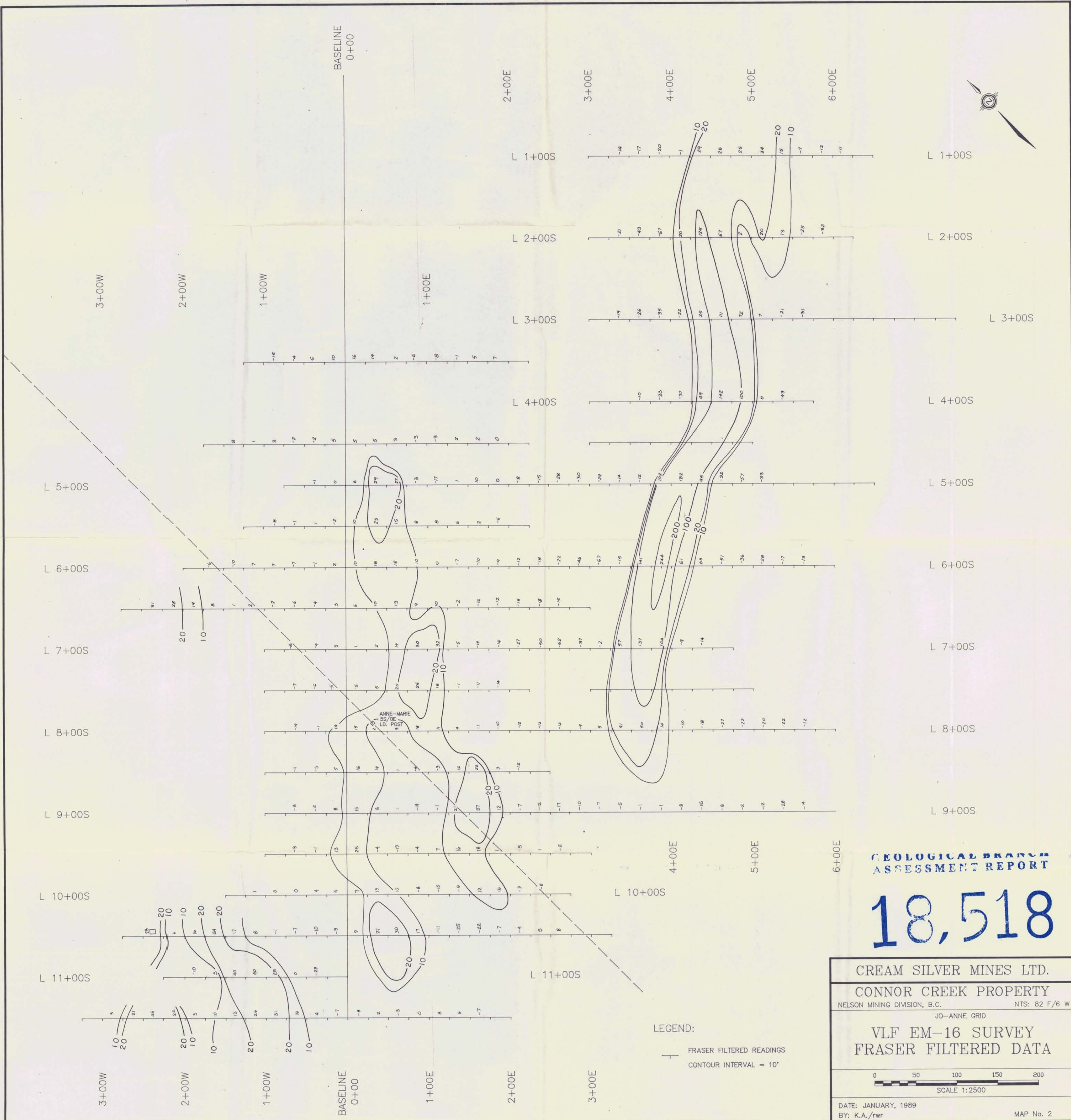
MAP No. 1

Prepared by: RWR MINERAL GRAPHICS LTD.

LEGEND:

- INPHASE (QUADRATURE) READINGS
- ALL SIDE LINES READ FACING LINE WEST.
- ALL BASELINE READINGS TAKEN FACING LINE NORTH.





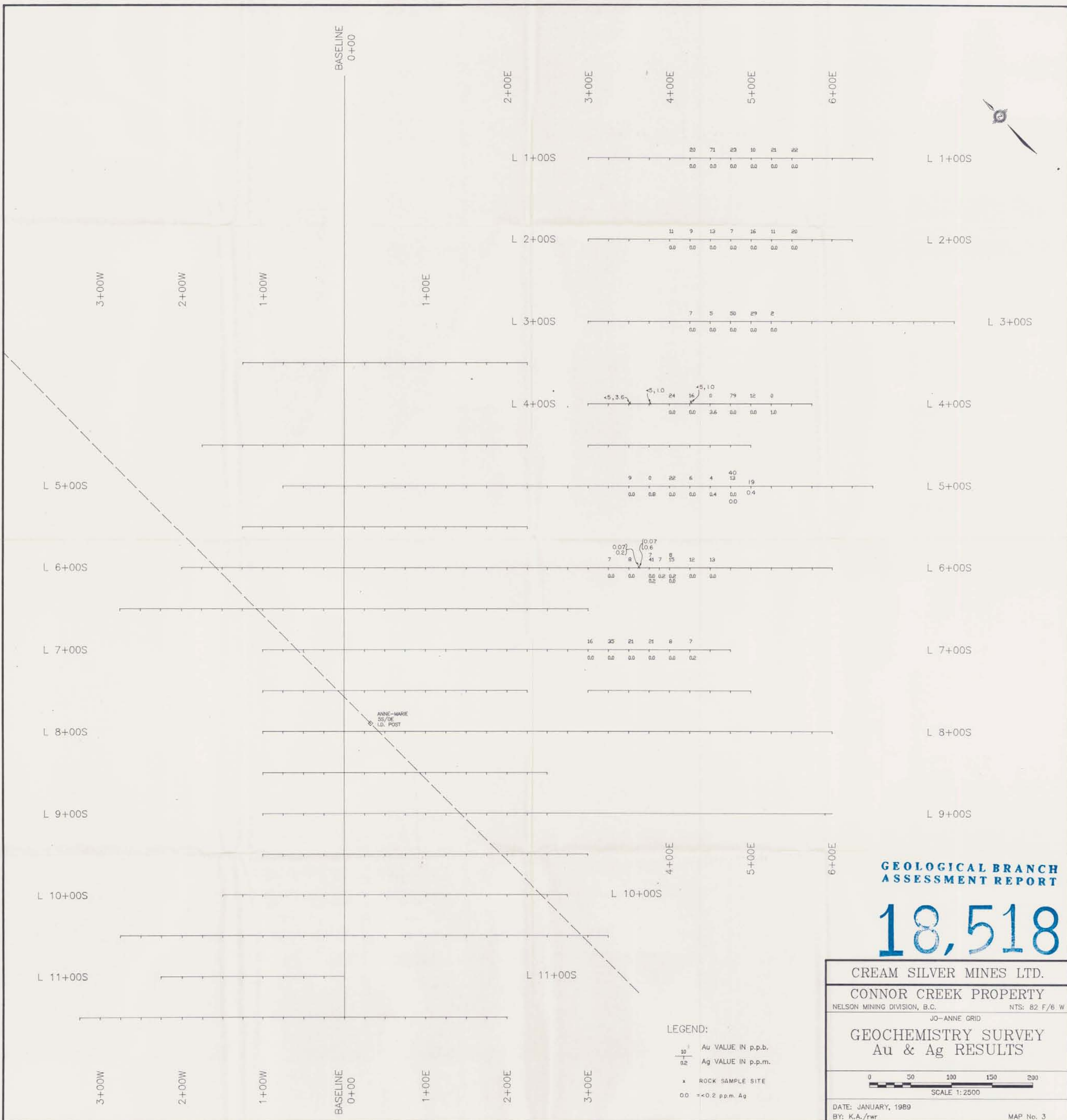
**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**

CREAM SILVER MINES LTD.	
CONNOR CREEK PROPERTY	
NELSON MINING DIVISION, B.C.	NTS: 82 F/6 W
JO-ANNE GRID	
VLF EM-16 SURVEY	
FRASER FILTERED DATA	
<p>SCALE 1:2500</p>	
DATE: JANUARY, 1989	MAP No. 2
BY: K.A./rwr	Prepared by: RWR MINERAL GRAPHICS LTD.

LEGEND:  
 FRASER FILTERED READINGS  
 CONTOUR INTERVAL = 10'





**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**

CREAM SILVER MINES LTD.

CONNOR CREEK PROPERTY

NELSON MINING DIVISION, B.C.

NTS: 82 F/6 W

JO-ANNE GRID

**GEOCHEMISTRY SURVEY  
Au & Ag RESULTS**

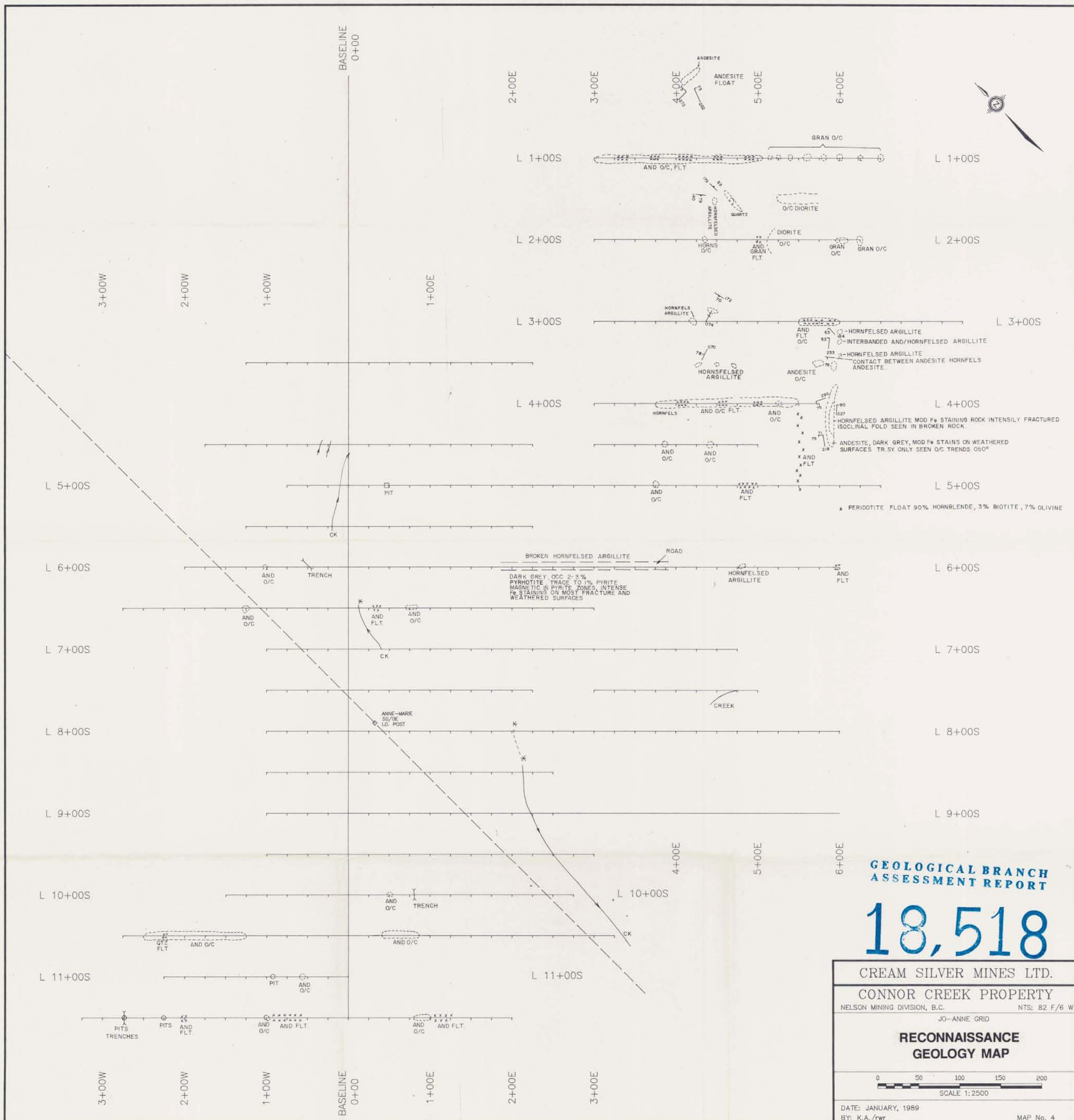
0 50 100 150 200  
SCALE 1:2500

DATE: JANUARY, 1989  
BY: K.A./rwr

MAP No. 3

Prepared by: RWR MINERAL GRAPHICS LTD.





**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**

CREAM SILVER MINES LTD.

CONNOR CREEK PROPERTY

NELSON MINING DIVISION, B.C.

NTS: 82 F/6 W

JO-ANNE GRID

**RECONNAISSANCE  
GEOLOGY MAP**

0 50 100 150 200

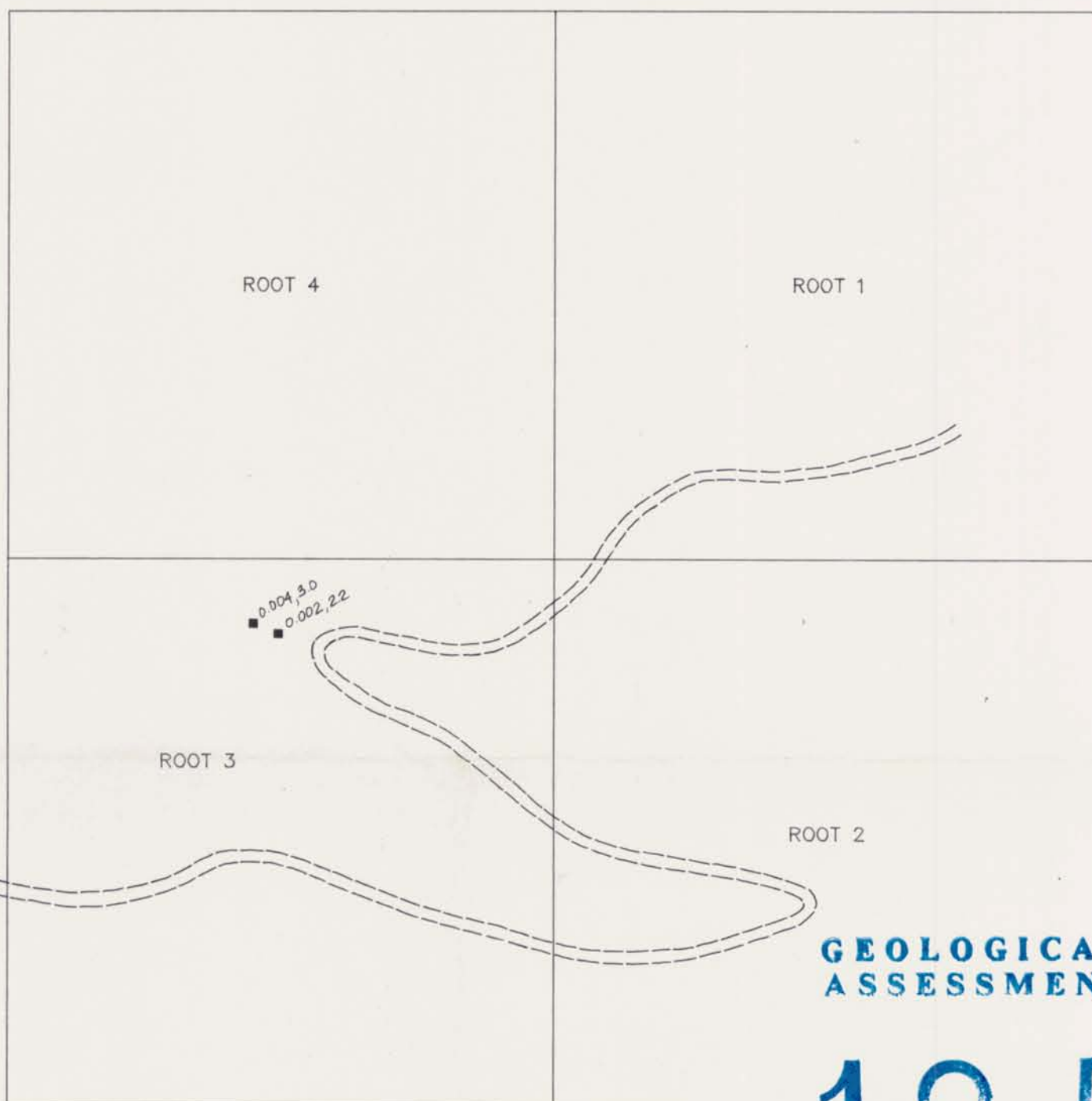
SCALE 1:2500

DATE: JANUARY, 1989

BY: K.A./rwr

MAP No. 4

Prepared by: RWR MINERAL GRAPHICS LTD.



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**

LEGEND:

- ROCK GRAB SAMPLE LOCATIONS
- ACCESS ROAD

CREAM SILVER MINES LTD.

CONNOR CREEK PROPERTY

NELSON MINING DIVISION, B.C.

NTS: 82 F/6 W

ROOT CLAIMS

GEOCHEMISTRY SURVEY  
Au & Ag RESULTS

0 100 200 300 400



SCALE 1:5000

DATE: MARCH, 1988

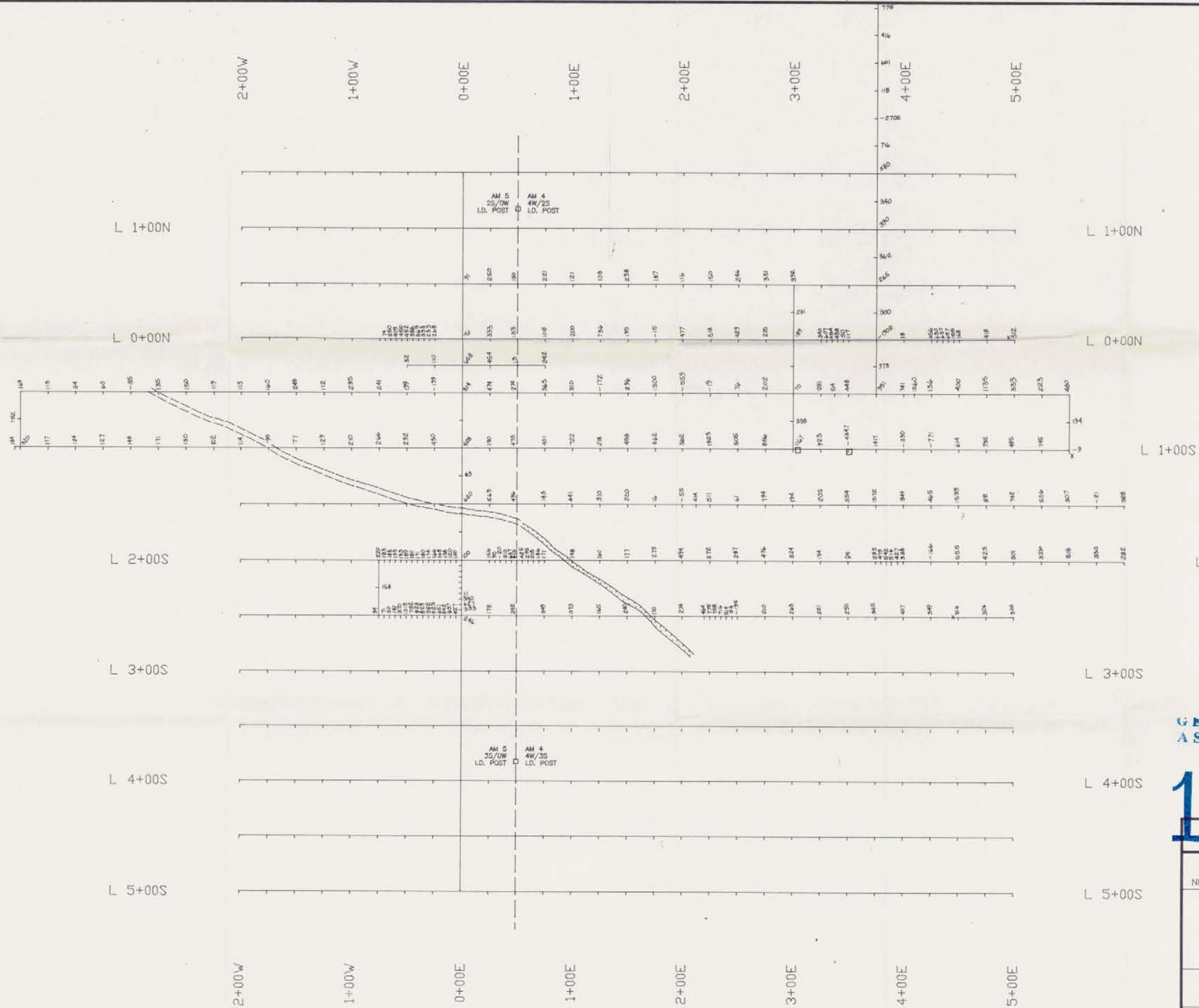
BY: K.A./rwr

MAP No. 5

Prepared by: RWR MINERAL GRAPHICS LTD.



L 1+00S



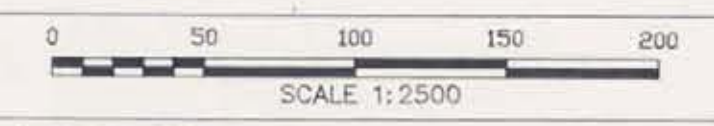
LEGEND:

**GEOLOGICAL BRANCH** MAGNETOMETER VALUE  
**ASSESSMENT REPORT** DATUM = 57,000 GAMMAS

**18,518**  
 GREAM SILVER MINES LTD.

CONNOR CREEK PROPERTY  
 NELSON MINING DIVISION, B.C. NTS: 82 F/6 W

ANNE-MARIE GRID  
**TOTAL FIELD  
 MAGNETOMETER SURVEY**



DATE: JANUARY, 1989  
 BY: K.A./rwr  
 MAP No. 6



	2+00W	1+00W	0+00E	1+00E	2+00E	3+00E	4+00E	5+00E																
				10	6		20	16	2	5	35	13												
				0.2 114	0.2 111		0.2 176	0.2 195	0.2 359	0.2 272	0.0 580	0.2 172												
L 1+00N				AM 5 25/0W L.D. POST	AM 4 4W/25 L.D. POST																			
				48	17	123	43	37	9	17	39	3	12	11	9	6	4	13	56					
				0.2 107	0.2 101	0.2 76	0.2 82	0.2 179	0.2 367	0.2 201	0.2 466	0.2 701	0.2 251	0.2 195	0.2 208	0.2 337	0.2 100	0.2 84	0.2 223					
				84	161	201	268	37	4	13	8	15	6	6	1	4	11	7	11	6	9			
				0.2 94	0.2 132	0.2 50	0.2 43	0.2 81	0.2 106	0.2 139	0.2 332	0.2 81	0.2 107	0.2 176	0.2 163	0.2 125	0.2 79	0.2 77	0.2 117	0.2 94	0.2 140			
L 0+00N				55	550	360	90	45	30	50	30	0	25	15	15	40	10	15	15					
				0.2 30	0.2 27	0.2 56	0.2 55	0.2 68	0.2 257	0.2 117	0.2 79	0.2 95	0.2 142	0.2 144	0.2 147	0.2 108	0.2 136	0.2 115	0.2 120					
				55	95	40	25	25	35	15	25	10	960	35	0	0	55	0	5					
				0.2 125	0.2 103	0.2 90	0.2 83	0.2 142	0.2 70	0.2 101	0.2 96	0.2 115	0.2 83	0.2 83	0.2 80		0.2 118	0.2 117	0.2 220	0.2 124				
L 1+00S								55	25	20	45	25	95	210	1000	270	30	0	0					
								0.2 281	0.2 142	0.2 100	0.2 103	0.2 225	0.2 50	0.2 50	0.2 81	0.2 60	0.2 105	0.2 107	0.2 88					
								30	10	15	5	30	90	25	110	220	55	250	25					
								0.4 863	0.2 156	0.2 167	0.2 169	0.2 124	0.2 80	0.2 71	0.2 130	0.2 89	0.2 160	0.2 119	0.2 95					
L 2+00S								23	143	110	11	13	26	5	15	24	25	15	22	22	8	5	26	3
								0.6 1489	0.4 1737	0.2 1292	0.8 2444	0.6 3259	2.0 4982	0.8 1422	0.4 806	0.6 302	0.4 220	0.4 207	0.0 362	0.0 217	0.0 252	0.2 208	0.6 247	0.2 180
								21	18	13	15	22	39	12	9	16	44	11	49	5	2	3	7	7
								0.6 277	0.0 126	0.0 1285	0.0 3630	0.0 4154	0.0 183	0.0 340	0.0 645	0.0 851	0.0 1085	0.0 461	0.0 1029	0.0 456	0.0 154	0.0 193	0.0 121	0.0 104
L 3+00S								13	6	7	4	8	82	152	48	111	2	12	8					
								0.2 466	0.0 228	0.4 267	0.4 178	0.2 334	0.2 366	0.4 274	2.2 402	0.2 269	0.2 271	0.2 204	0.2 106					
L 4+00S																								
								AM 5 35/0W L.D. POST	AM 4 4W/35 L.D. POST															
								21	5	4	1	80	16	7	6	6	13	5	22	91	9	2	13	6
								0.0 308	0.4 130	0.0 94	0.2 109	0.2 114	0.2 117	0.2 112	0.4 125	0.2 138	0.0 222	0.0 211	0.0 207	0.2 151	0.2 153	0.2 186	0.4 141	0.4 141
L 5+00S																								
								8	18	13	9	7	35	9	5	9	4	9	20	4	5	2	40	19
								-0.2 111	0.0 123	0.0 151	0.2 162	0.6 144	0.0 146	0.4 135	0.2 185	0.6 238	0.4 192	0.4 161	0.6 216	0.2 342	0.4 157	0.2 152	0.4 160	0.4 130



**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**

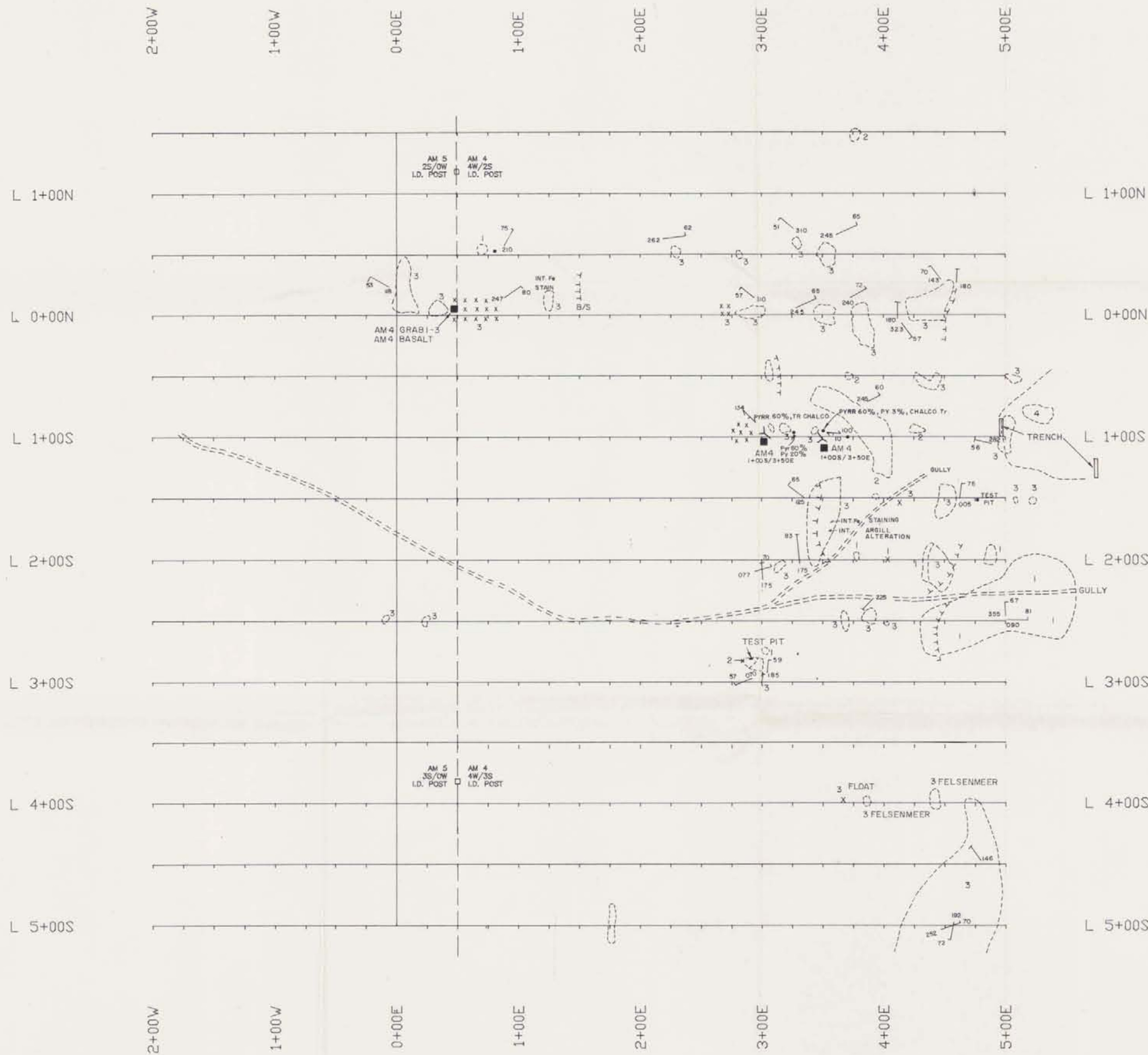
LEGEND:  
 10 Au VALUE IN p.p.b.  
 0.2 Ag VALUE IN p.p.m.  
 175 Zn VALUE IN p.p.m.

CREAM SILVER MINES LTD.  
 CONNOR CREEK PROPERTY  
 NELSON MINING DIVISION, B.C. NTS: 82 F/6 W  
 ANNE-MARIE GRID  
**GEOCHEMISTRY SURVEY**  
 Au, Ag & Zn RESULTS

0 50 100 150 200  
 SCALE 1:2500

DATE: JANUARY, 1989  
 BY: K.A./rwr MAP No. 7





**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**

**LEGEND:**

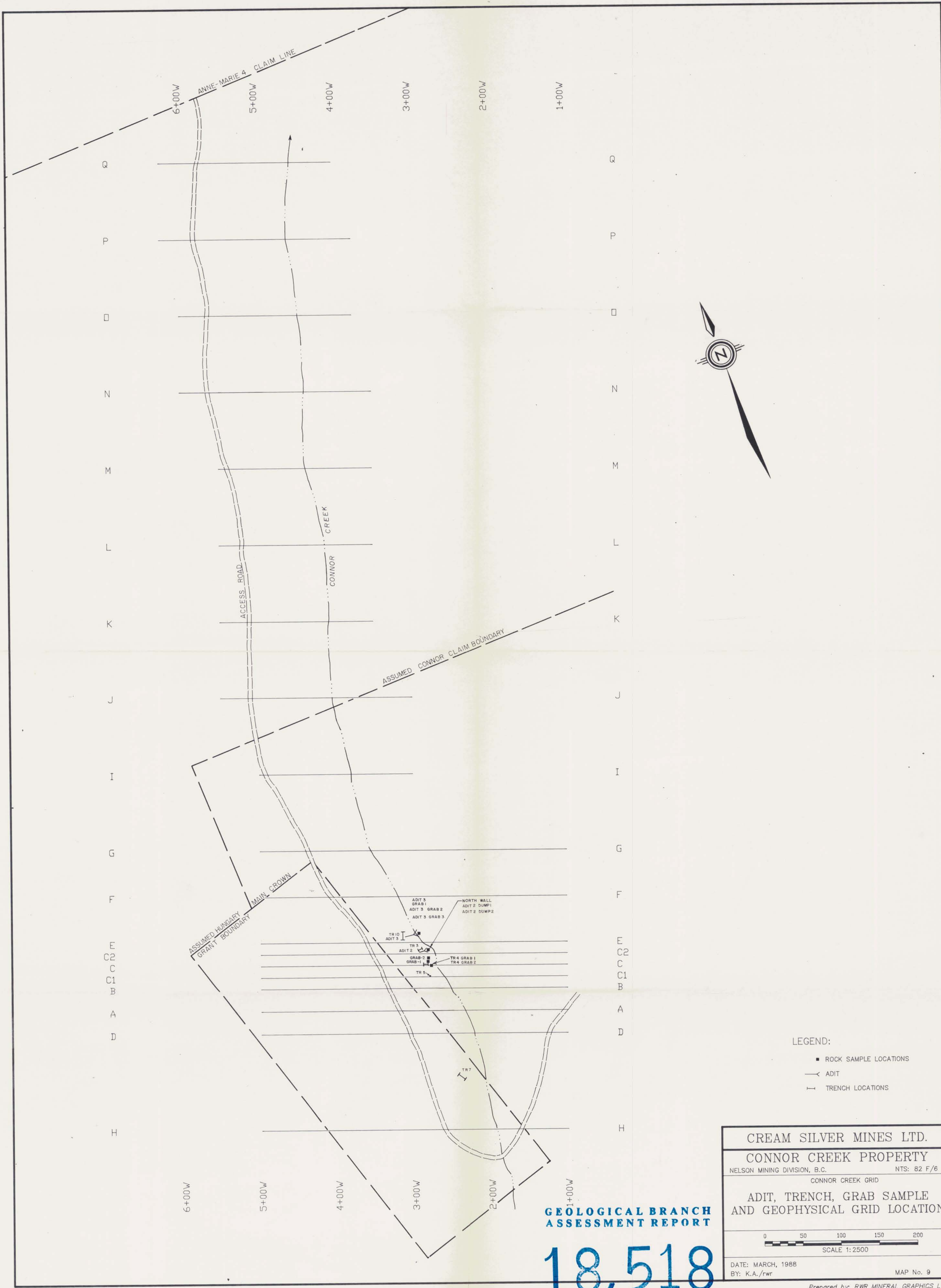
- |   |   |
|---|---|
| 1 | DIORITE<br>MED. COARSE GRAINED RARE MINOR<br>CHLORITIZATION, NON-MAGNETIC     |
| 2 | RHYOLITE<br>LIGHT GREY, OCC. INTENSE Fe STAINING<br>ON FRAC. SURFACES         |
| 3 | ANDESITE<br>CHLORITIZED, MOD. - INT. Fe STAINING,<br>TRACE PYRITE             |
| 4 | ARGILLITE<br>DARK GREY, HORNFEISED OCC. MODERATE<br>Fe STAINING, TRACE PYRITE |
- 
- |     |                            |        |                |
|-----|----------------------------|--------|----------------|
| —   | BEDDING                    | ○      | O/C            |
| ↗   | FOLIATION                  | ○      | FELSENMEER     |
| —   | FRACTURE                   | x      | FLOAT          |
| ↕   | FRACTURE (VERT.)           | ==     | GULLY          |
| --- | CONTACT (DEFINED, ASSUMED) | ⊥      | BREAK IN SLOPE |
| Y   | ADIT                       |        |                |
| •   | TEST PIT                   | pyrr   | PYRRHOTITE     |
| ■   | ROCK SAMPLE LOCATION       | chalco | CHALCOPYRITE   |
| □   | TRENCH LOCATION            | py     | PYRITE         |

CREAM SILVER MINES LTD.  
 CONNOR CREEK PROPERTY  
 NELSON MINING DIVISION, B.C. NTS: 82 F/6 W  
 ANNE-MARIE GRID  
**GEOLOGY AND  
 ROCK SAMPLE LOCATIONS**

0 50 100 150 200  
 SCALE 1:2500

DATE: JANUARY, 1989  
 BY: K.A./rwr MAP No. 8





- LEGEND:
- ROCK SAMPLE LOCATIONS
  - ← ADIT
  - TRENCH LOCATIONS

**CREAM SILVER MINES LTD.**

**CONNOR CREEK PROPERTY**

NELSON MINING DIVISION, B.C. NTS: 82 F/6 W

CONNOR CREEK GRID

**ADIT, TRENCH, GRAB SAMPLE  
AND GEOPHYSICAL GRID LOCATION**

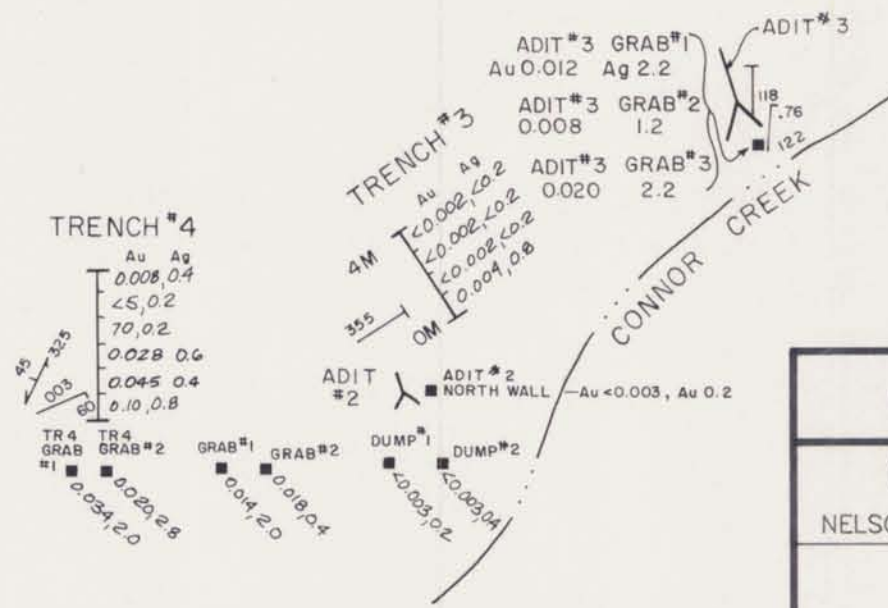
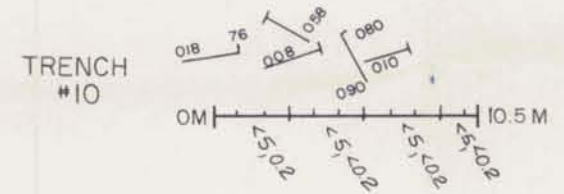
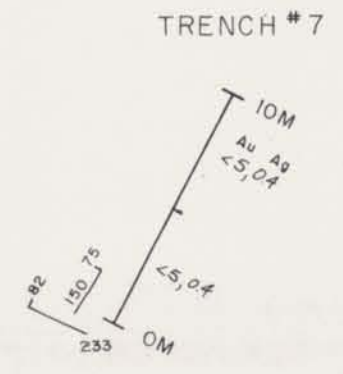
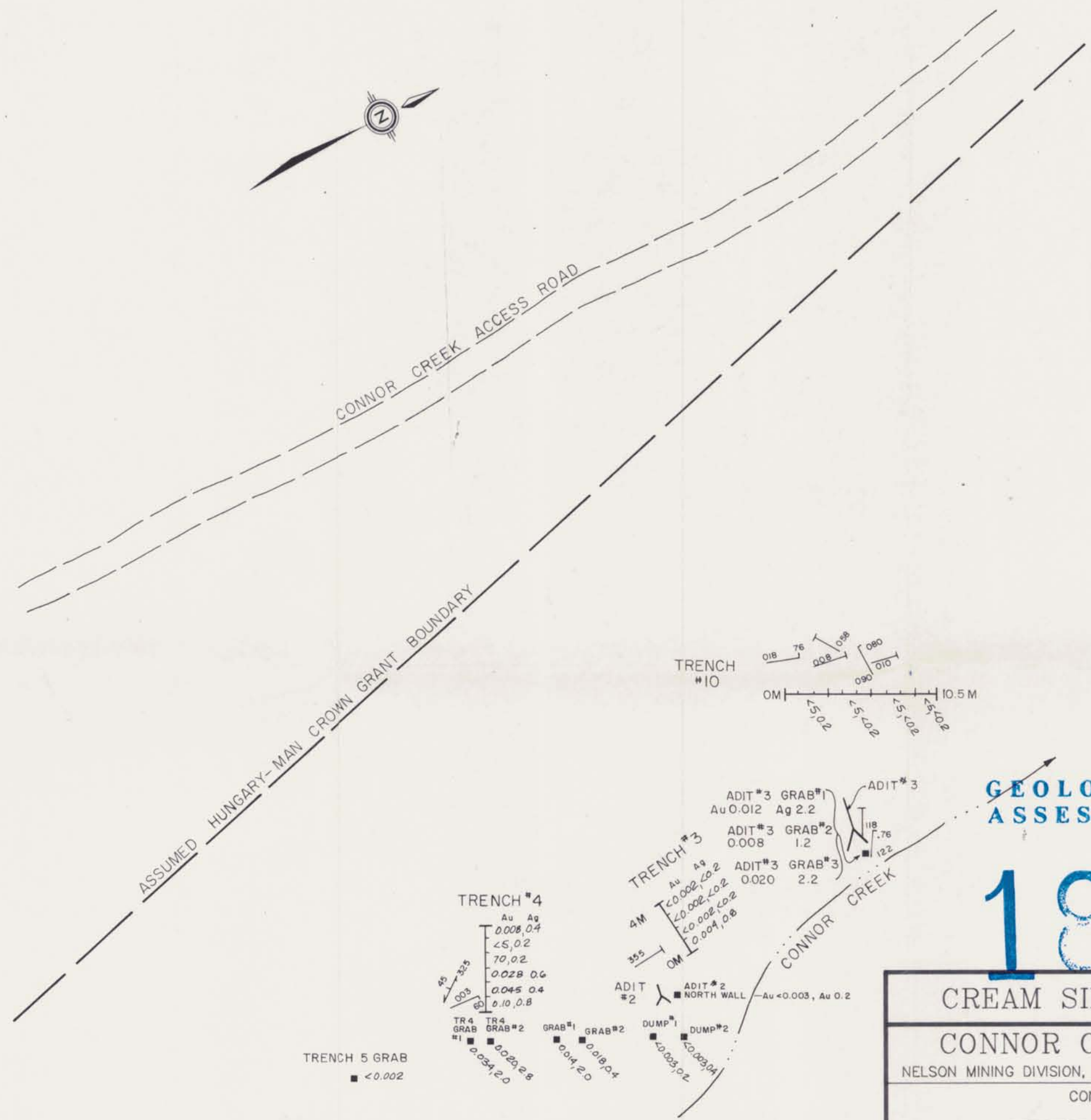
SCALE 1:2500

DATE: MARCH, 1988 MAP No. 9  
 BY: K.A./rwr

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**18,518**





- LEGEND:
- ROCK SAMPLE LOCATIONS
  - TRENCH
  - ↗ FRACTURE
  - ↖ FRACTURE - VERTICAL

NOTE: RESULTS FROM TRENCH 3, 4 (EXCEPT 3-4, 4-5 m), 4 GRAB #1, 4 GRAB #2, TRENCH 5 GRAB, AND ADIT 3 GRABS #1 TO #3 ARE IN oz./ton.

**GEOLOGICAL BRANCH ASSESSMENT REPORT**

**18,518**

CREAM SILVER MINES LTD.  
 CONNOR CREEK PROPERTY  
 NELSON MINING DIVISION, B.C. NTS: 82 F/6 W  
 CONNOR CREEK GRID  
**TRENCH GEOLOGY AND ASSAY RESULTS**

0 10 20  
 SCALE 1:300

DATE: MARCH, 1988  
 BY: K.A./rwr  
 MAP No. 10