

87-109-15590

3/88

**GEOCHEMICAL**

**REPORT**

**ON**

**SPRING GROUP**

<sup>A1</sup>  
**NANAIMO MINING DIVISION**

**49°09' N - 124°32.5' W**

**92F/2E**

**by**

*Owner/Operator:* **SCOTT E. ANGUS, PROSPECTOR**  
**VANCOUVER, BRITISH COLUMBIA**

**FILMED**

**February 25, 1987**

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**15,590**

## TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	11
PROPERTY	3
LOCATION AND ACCESS	3
PREVIOUS WORK	5
GEOLOGY	6
GEOCHEMICAL SURVEY	8
ROCK SAMPLE DESCRIPTIONS AND RESULTS	16
CONCLUSIONS AND RECOMMENDATIONS	18

### ILLUSTRATIONS

PLAN OF CLAIMS	Scale	1:50,000	2
LOCATION MAP	Scale	1:2,400,00	4
TOPOGRAPHY	Scale	1:250,000	7
SILT SAMPLE LOCATIONS	Scale	1:50,000	9
GRID AND ADITS LOCATIONS	Scale	1:2,500	10
GOLD IN SOILS	Scale	1:2,500	11
ZINC IN SOILS	Scale	1:2,500	12
SILVER IN SOILS	Scale	1:2,500	13
LEAD IN SOILD	Scale	1:2,500	14
COPPER IN SOILS	Scale	1:2,500	15
ROCK SAMPLE LOCATIONS	Scale	1:500	17

### APPENDIX 1

#### **GEOCHEMICAL ANALYTICAL PROCEDURES AND ASSAY RESULTS**

### APPENDIX 2

#### **EXPENDITURE**

### APPENDIX 3

#### **STATEMENT OF QUALIFICATIONS**

## SPRING GROUP

### INTRODUCTION

The following report on the Spring Group of mineral claims has been prepared to fulfill the requirements of the Mineral Act regarding the application of geochemical surveys for assessment work.

The survey was carried out by A.E. Angus and S.E. Angus between June 18 and June 28, 1986.

A total of 3.35 km of grid and soil geochem was established in the area of previously discovered workings. Another old working was discovered approximately 300 metres along strike (Adit #4). This consisted of quartz veins mineralized with pyrite, sphalerite, chalcopyrite, and galena. Grab samples ran as high as: 2,700 ppb.Au., 67.2 ppm. Ag., 18400 ppm. Zn, 5,900 ppm. Pb., and 224 ppm. Cu.. A detailed grid was established over this area.

Silt samples were also collected on the main drainage of the Spring Group.



**PROPERTY:**

The property consists of the following four contiguous claims:

<b><u>CLAIM</u></b>	<b><u>RECORD NO.</u></b>	<b><u>UNITS</u></b>	<b><u>RECORD DATE</u></b>
SPRING 1	2110	18	March 29, 1985
SPRING 2	2111	18	March 29, 1985
SPRING 3	2112	9	March 29, 1985
SPRING 4	2113	<u>9</u>	March 29, 1985
		54	

The claims were located and owned by Scott Angus of 12474 Crescent Rd. Surrey, B.C. V4A 2V3.

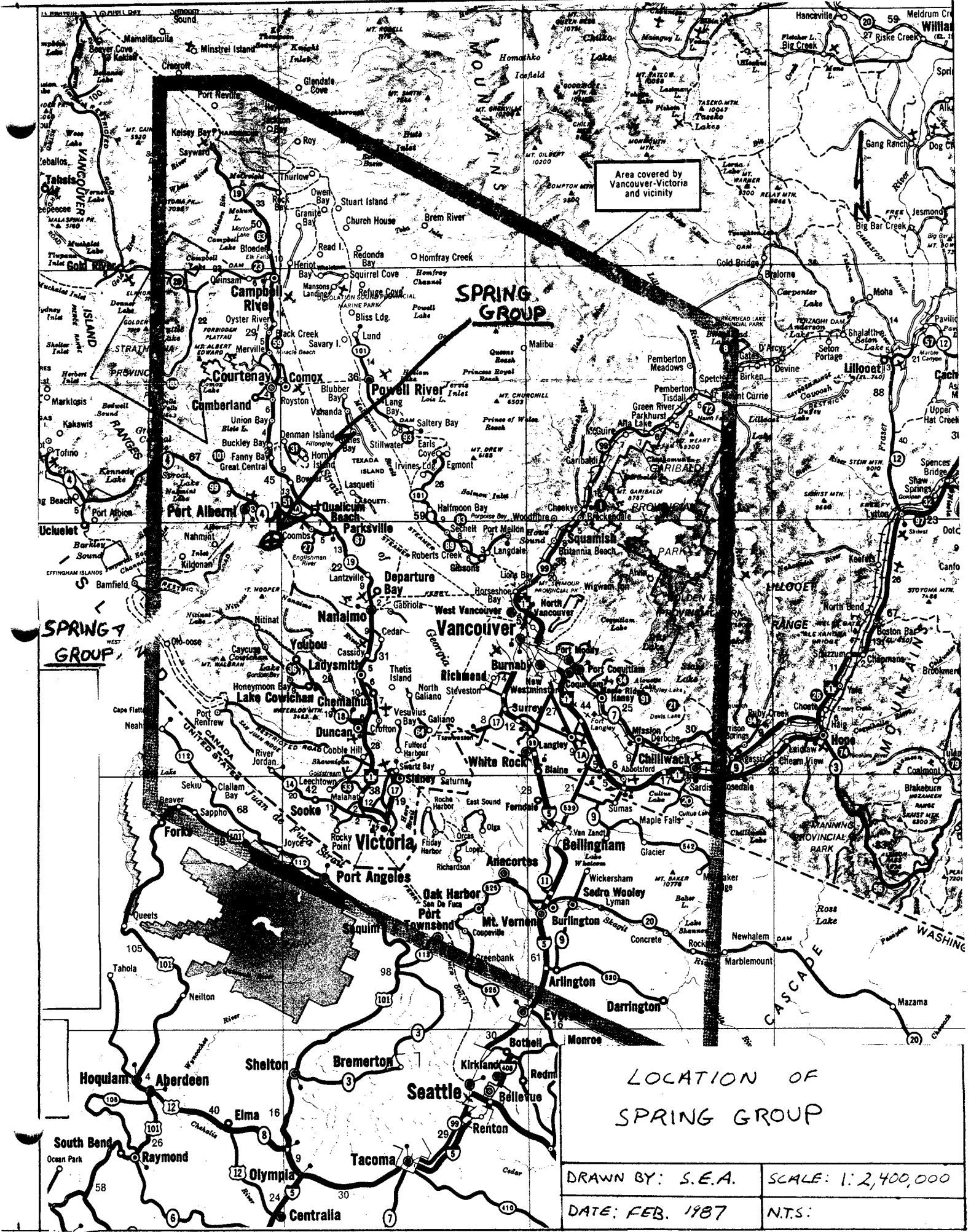
**LOCATION AND ACCESS**

The Spring Group is located approximately 27 km east of Port Alberni between the head of the Nitinat River and the Cameron River on NTS map sheet 92F/2E, centered at approximately 49°09' N latitude and 124° 32.5' W longitude.

The claims lay mainly within the Naniamo mining division. The southwest corner of the Spring 2 and a small fraction in the southwest corner of the Spring 1 are in the Victoria Mining Division.

Access to the Spring Group is via MacMillan Bloedel logging roads. The turn-off from Highway 4 is located about 8 km east of Port Alberni. It is signposted as the road to Mt. Arrowsmith ski hill. Some 10km along this road the ski hill traffic swings uphill to the left. Continuing straight on for approximately 4.7 km, a main junction is reached. Turning right at the junction takes you across the Cameron River and onto the Spring Claims. The Spring 2 and 3 claims have many old logging roads through them, some of which are overgrown, and washed out. This area is the least rugged and workable area of the claims. The Spring 1 and 4 claims have a few roads through them but are very steep in places.

Access might also be made onto the claim group by coming from the south to the headwaters of the main Nitinat River road. The condition of the upper part of this road is not known.



Area covered by Vancouver-Victoria and vicinity

LOCATION OF SPRING GROUP

DRAWN BY: S.E.A.	SCALE: 1:2,400,000
DATE: FEB. 1987	N.T.S.

**PREVIOUS WORK:**

A regional aeromagnetic survey flown by Hunting Survey Corp. Ltd. in 1962 located magnetic anomalies near the northeast corner of Spring 4 and in the southeastern corner of Spring 1. Another possible anomaly occurs in the central part of Spring 2, fairly close to the old workings on the auriferous quartz vein.

Government geological work in the area includes mapping by C.H. Clapp [1912 and 1914], J.E. Muller and D.J.T. Carson [1969], and J.E. Muller [1977 and 1980] and a mineral compilation report by J.S. Stevenson [1945].

A Reconnaissance geological mapping and rock sample report was filed for assessment work by M.P.H. consulting for Sunfield Management Ltd. in May 1984. This reported geochemical values of up to 7,000 ppb. Au., 14.0 ppm. Ag., 3,400 ppm. Cu., 720 ppm. Pb., and 31,000 ppm. Zn. from grab samples of the quartz veins in the old adits.

An assessment report consisting of trenching in the area of the old workings was filed April 1986 by Scott Angus, only 1 new mineralized vein was turned up by this program.

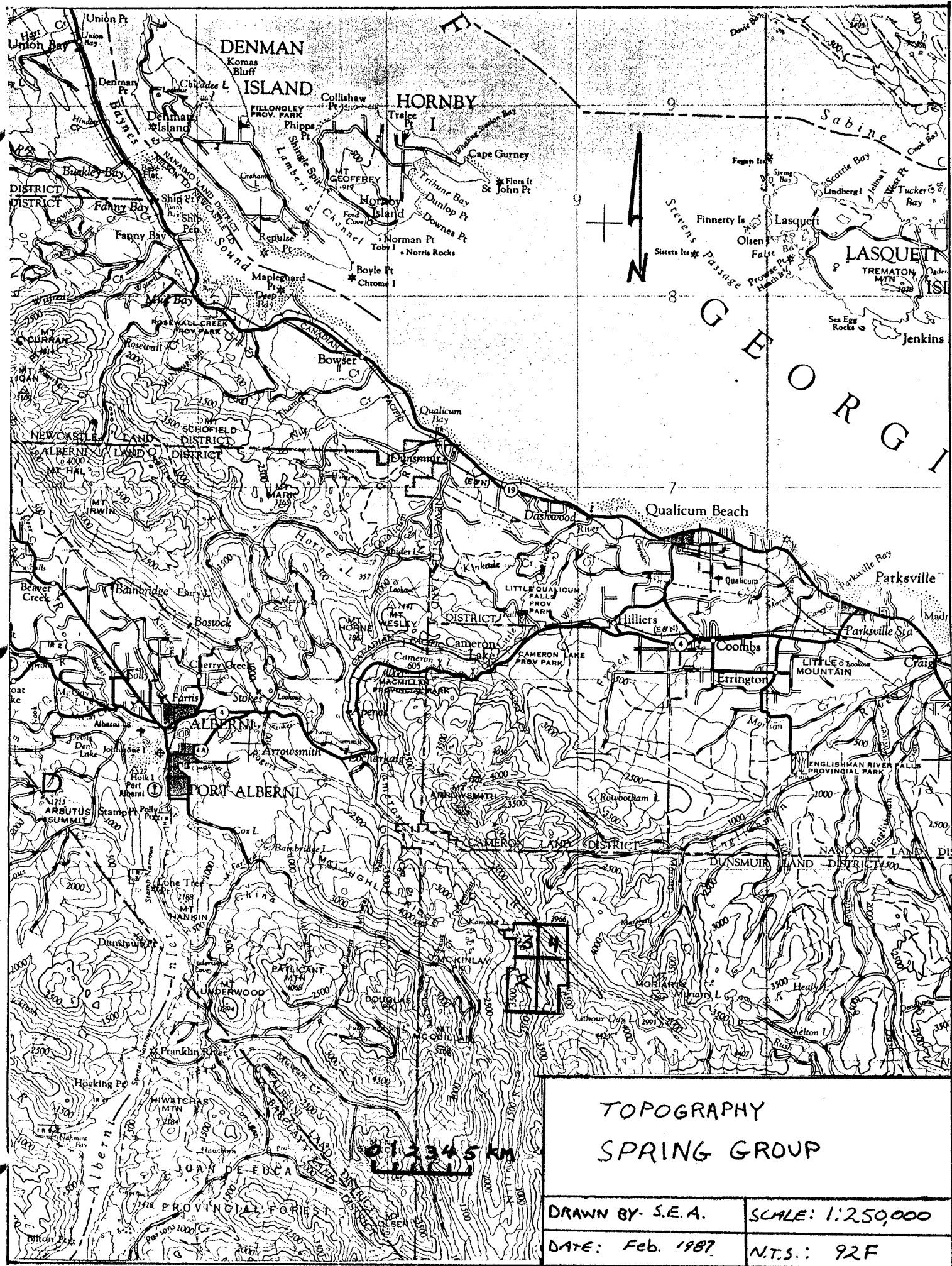
There is no report of the four short adits found on the property. The longest of which would be about 6 metres in length. These appear to be on the same vein system and are spread over a distance of about 400 metres. There are several old claim posts with the small copper tags on them in the area, so this may roughly show the date of the work done here.

**GEOLOGY:**

The southwestern area of the Spring Group is mapped by Muller in 1980 as being underlain by MYRA formation, while Karmutsen formation volcanics are shown occurring in the eastern area of the claims, with lesser amounts of Buttle Lake formation and Nanaimo Group sediments.

In general, rocks of the Spring 2 and 3 claims are basic to intermediate tuffs, with lesser amounts of Argillite and Chert. The quartz veins in the old adits are found in a band of Argillite and along a contact with the volcanic tuffs. The steep rugged areas on the eastern sides of Spring 1 and 4 claims are in the Karmutsen volcanics.





TOPOGRAPHY  
SPRING GROUP

DRAWN BY: S.E.A.	SCALE: 1:250,000
DATE: Feb. 1987	N.T.S.: 92F

**GEOCHEMICAL SURVEY:**

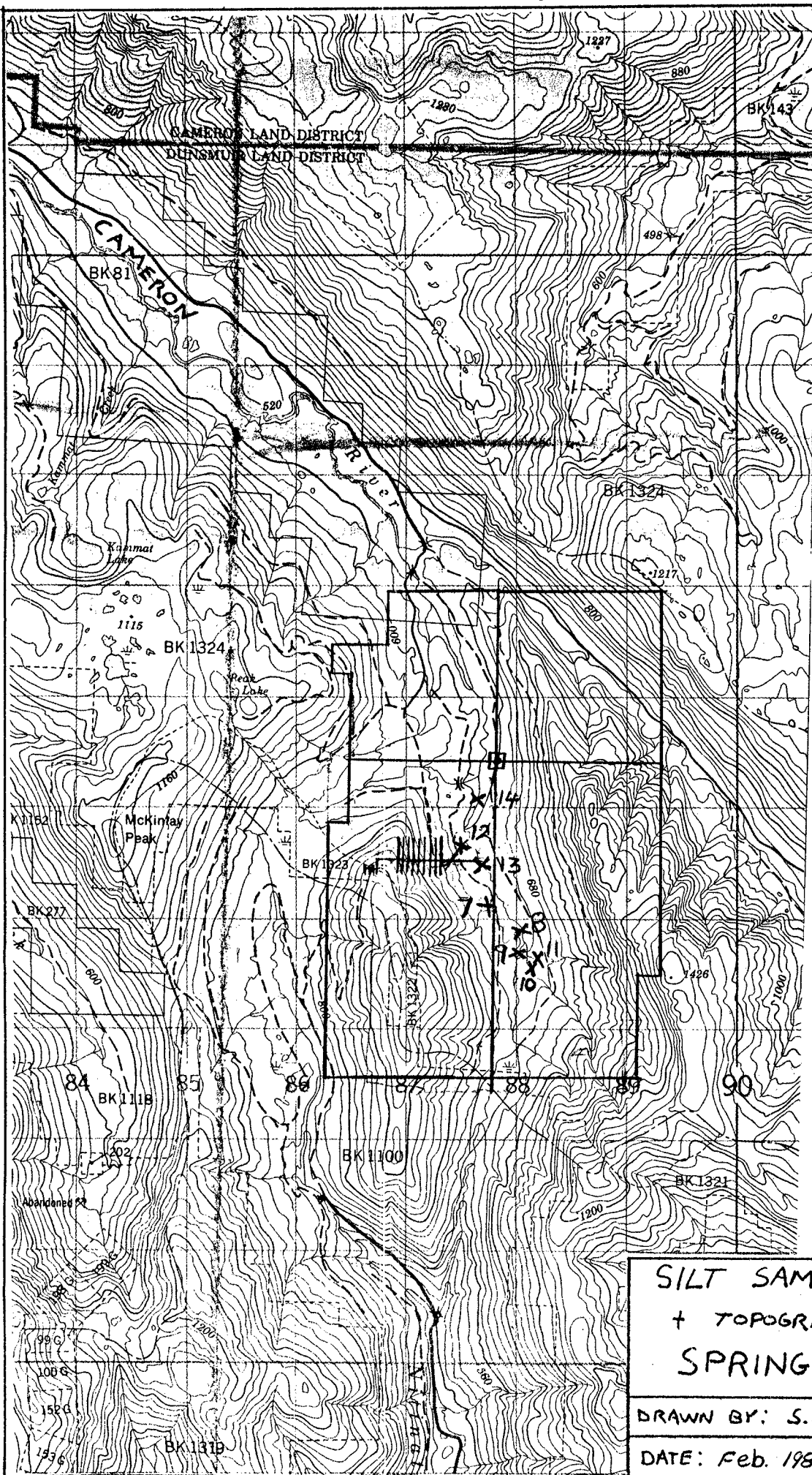
Soil samples were taken on two grided areas, one at 25 metre stations the other at 10 metre stations. Well developed B horizon soil was collected using grub hoes.

A total of 143 soil samples, 8 silt samples and 6 rock samples were collected.

The background for gold in the soils appears to be around 5 ppb. so anything over 30 ppb. should be considered anomolous.

At station 5+75 W - 1+20S a rock sample # 1415 was taken from a 1 ft. wide quartz vein. This vein appeared to be in place. The sample ran 995 ppb Au., 9.0 ppm. Ag. and 167 ppm. Zn. The soil sample at this station taken from the rich soil just above the vein ran. 15 ppb Ag. .1 ppm. Ag. and 78 ppm. Zn. This shows that soil sample of 30 ppb. and up should be considered anomolous and that possibly the higher zinc values may be a better indicator of these mineralized veins.

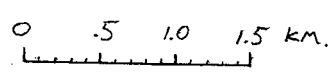
Silt samples were collected from the active creek channels, all samples were fine silty material.



	Cu. PPM	Pb PPM	Zn. PPM	Ag. PPM	Au PPB
SILT-86-7	82	27	104	.1	15
SILT-86-8	101	19	91	.3	5
SILT-86-9	44	12	105	.1	10
SILT-86-10	98	17	89	.4	10
SILT-86-11	108	18	92	.5	nd.
SILT-86-12	79	25	101	.2	50
SILT-86-13	84	14	94	.3	nd.
SILT-86-14	94	18	105	.3	nd.

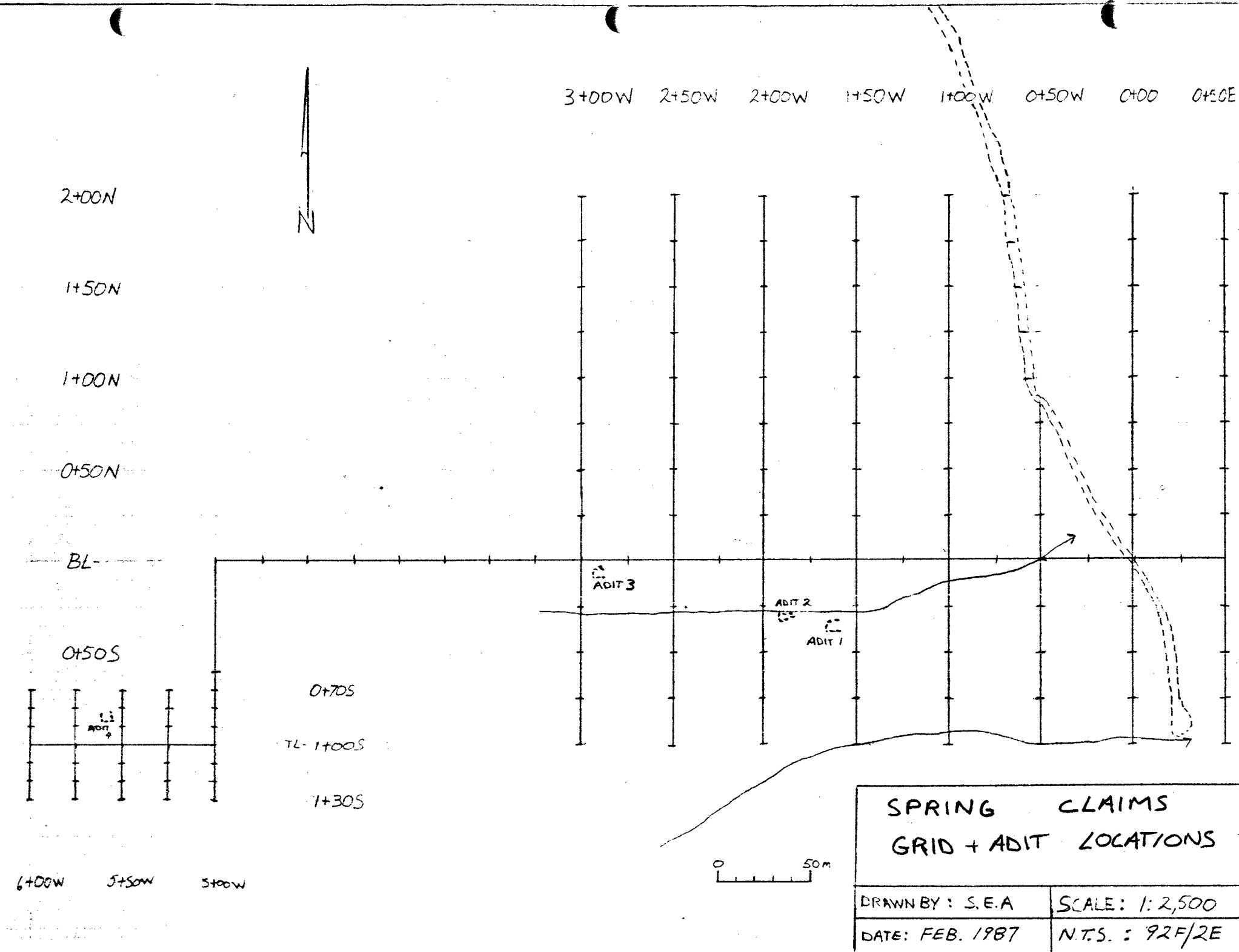


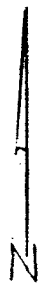
X 13 = SILT SAMPLE NO.



SILT SAMPLE LOCATIONS  
+ TOPOGRAPHY  
SPRING GROUP

DRAWN BY: S.E.A.    SCALE: 1:50,000  
DATE: Feb. 1987    N.T.S: 92F/2E





3+00W 2+50W 2+00W 1+50W 1+00W 0+50W 0+00 0+50E

2+00N

ND. 5 5 5 5 15 10 10

10 5 5 5 5 5 15 10

1+50N

5 5 ND. 10 10 10 5 55

5 5 ND. 5 5 5 30 65

1+00N

10 5 5 5 5 20 20 5

5 15 ND. 5 5 30 10 25

0+50N

5 ND. 10 5 10 10 35 45

5 ND. 5 5 5 70 330 45

BL

ND. 5 5 10 10 20 5 ND. 25 20 50 ND. 65

ADIT 3

ND. ND. 5 ADIT 2 120 105 5 5 10

ADIT 1

ND. ND. 5 10 ND. 10 30 30

0+70S

ND. 5 5 5 5 15 30 10

TL-1+00S

ND. 10 ND. 10 35 30 35

1+30S

10	30	10	10	45
5	30	45	20	ND.
25	30	30	40	5
5	20	15	50	10
10	20	35	30	5
25	15	10	5	15
40	15	30	15	20

6+00W 5+50W 5+00W



ND. = none detected  
X 1419 = rock sample

SPRING CLAIMS  
GOLD IN SOILS PPb.

DRAWN BY: S.E.A	SCALE: 1:2,500
DATE: FEB. 1987	N.T.S.: 92F/2E

3+00W 2+50W 2+00W 1+50W 1+00W 0+50W 0+00 0+50E



2+00N

19 52 24 1246 41 48 68

28 129 144 55 26 42 64 47

1+50N

12 35 67 65 202 121 71 48

25 56 49 216 60 48 68 60

1+00N

35 33 17 132 98 71 42 80

22 26 71 127 116 144 21 238

0+50N

62 16 73 21 39 51 32 221

29 47 68 19 94 97 66 161

BL-

14 19 16 31 289 111 32 71 95 527 412 547 422

ADIT 3

13 36 36 235 66 16 45 158

ADIT 2

73 32 45 39 134 42 38 63

ADIT 1

21 16 27 47 33 40 35 37

64 69 27 29 206 31 73

0+50S

39	74	37	76	70
14	57	137	60	15
33	149	50	114	30
65	67	20	65	46
76	29	152	48	368
266	78	51	38	52
190	64	58	22	29

0+70S

TL-1+00S

1+30S

6+00W 5+50W 5+00W



SPRING CLAIMS ZINC IN SOILS PPM.	
DRAWN BY: S.E.A	SCALE: 1:2,500
DATE: FEB. 1987	N.T.S.: 92F/2E



3+00W 2+50W 2+00W 1+50W 1+00W 0+50W 0+00 0+50E

2+00N

1+50N

1+00N

0+50N

BL-

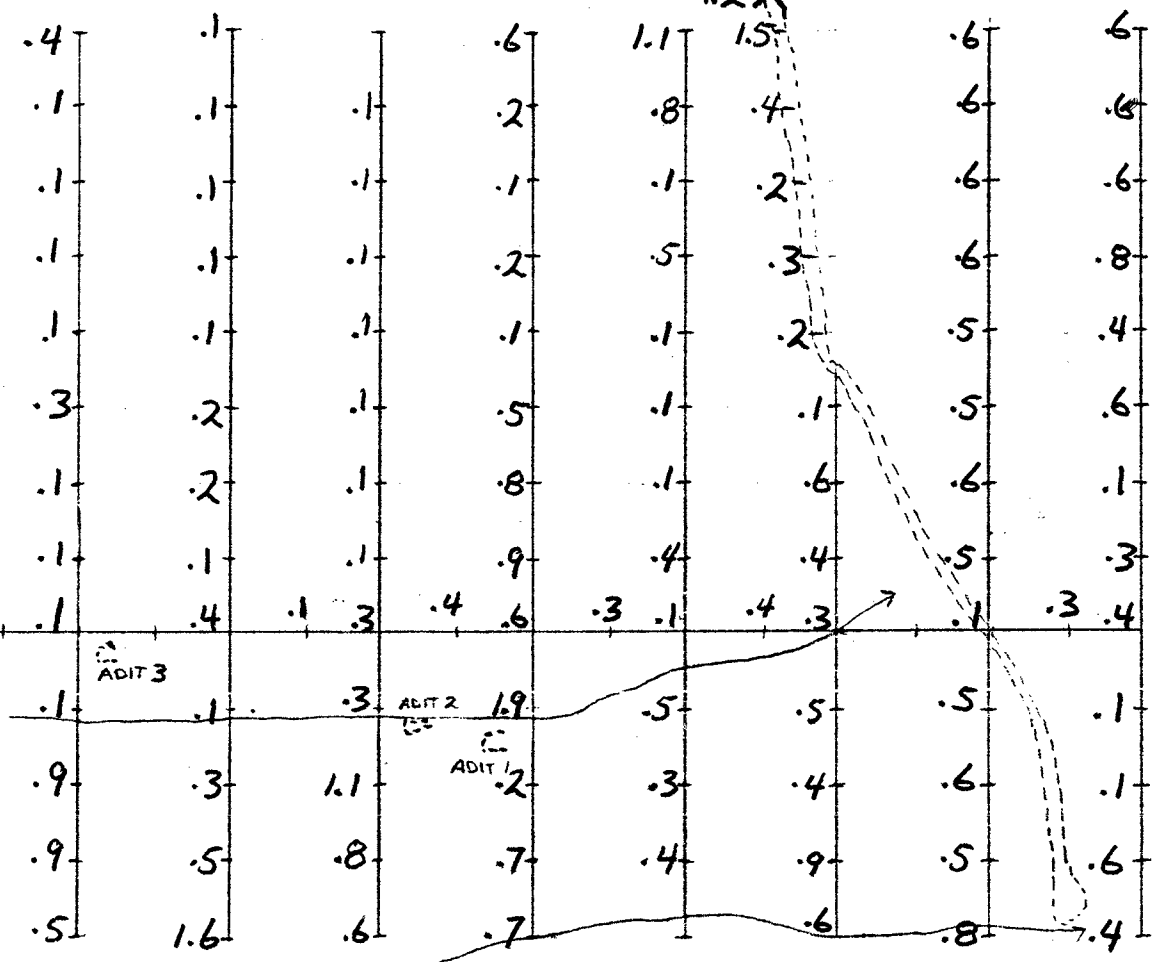
0+50S

.2	.1	.1	.1	.1	.3
.1	.1	.1	.1	.1	1.0
.1	.1	.1	.1	.1	.6
.1	.1	.1	.1	.1	.1
.1	.1	.1	.1	.1	.1
.1	.1	.1	.1	.1	.3
.1	.1	.1	.1	.1	.7

0+70S

TL- 1+00S

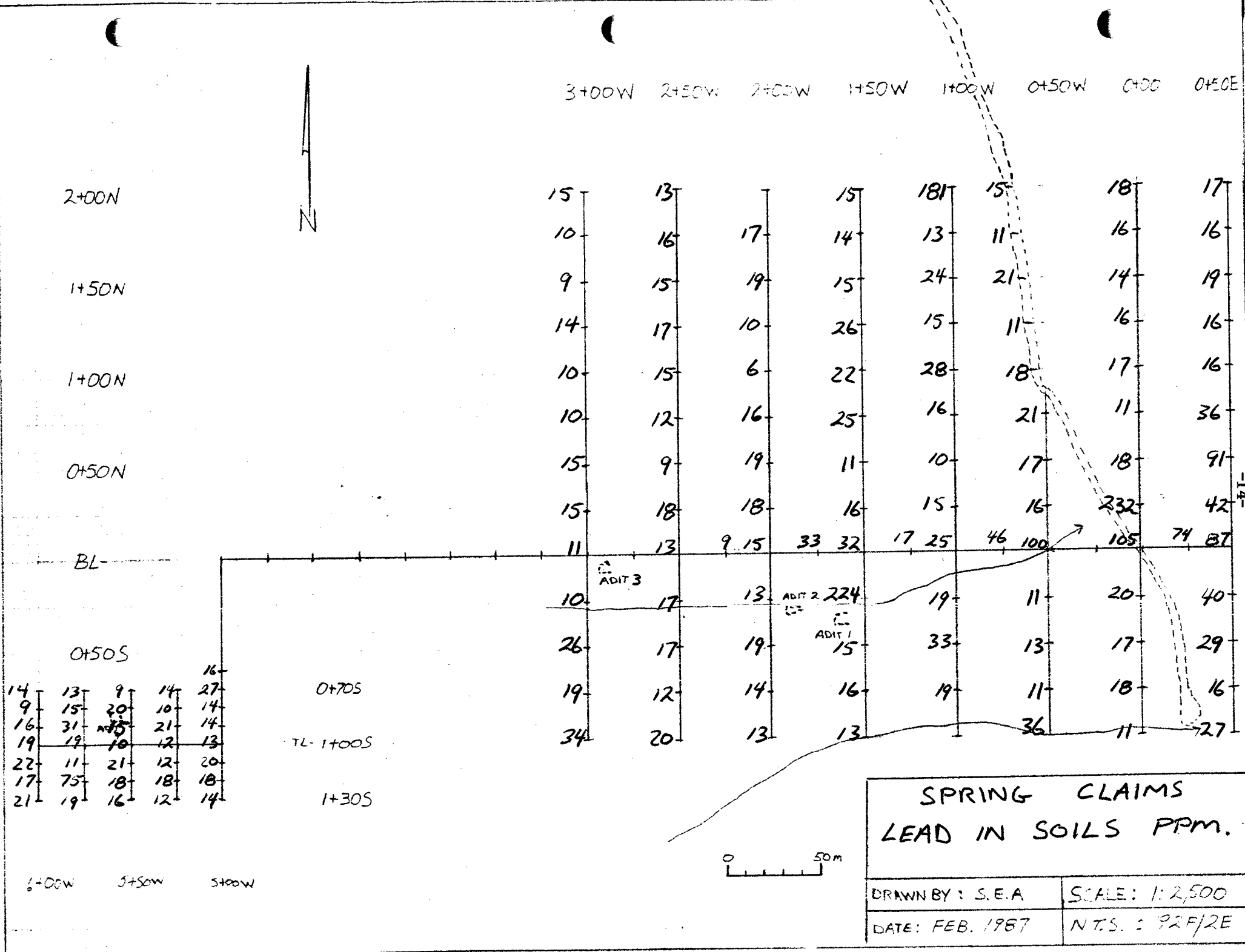
1+30S



X 1419 = rock sample

<b>SPRING CLAIMS</b> <b>SILVER IN SOILS</b> PPM.	
DRAWN BY: S.E.A	SCALE: 1:2,500
DATE: FEB. 1987	N.T.S.: 92F/2E

6+00W 5+50W 5+00W



3+00W 2+50W 2+00W 1+50W 1+00W 0+50W 0+00 0+50E

2+00N

1+50N

1+00N

0+50N

BL

0+50S

0+70S

TL-1+00S

1+30S

15	13		15	181	15	18	17
10	16	17	14	13	11	16	16
9	15	19	15	24	21	14	19
14	17	10	26	15	11	16	16
10	15	6	22	28	18	17	16
10	12	16	25	16	21	11	36
15	9	19	11	10	17	18	91
15	18	18	16	15	16	232	42
11	13	9 15	33 32	17 25	46 100	105	74 87
10	17	13	224	19	11	20	40
26	17	19	15	33	13	17	29
19	12	14	16	19	11	18	16
34	20	13	13		36	11	27

14	13	9	14	16
9	15	20	10	27
16	31	15	21	14
19	19	10	12	13
22	11	21	12	20
17	75	18	18	18
21	19	16	12	14

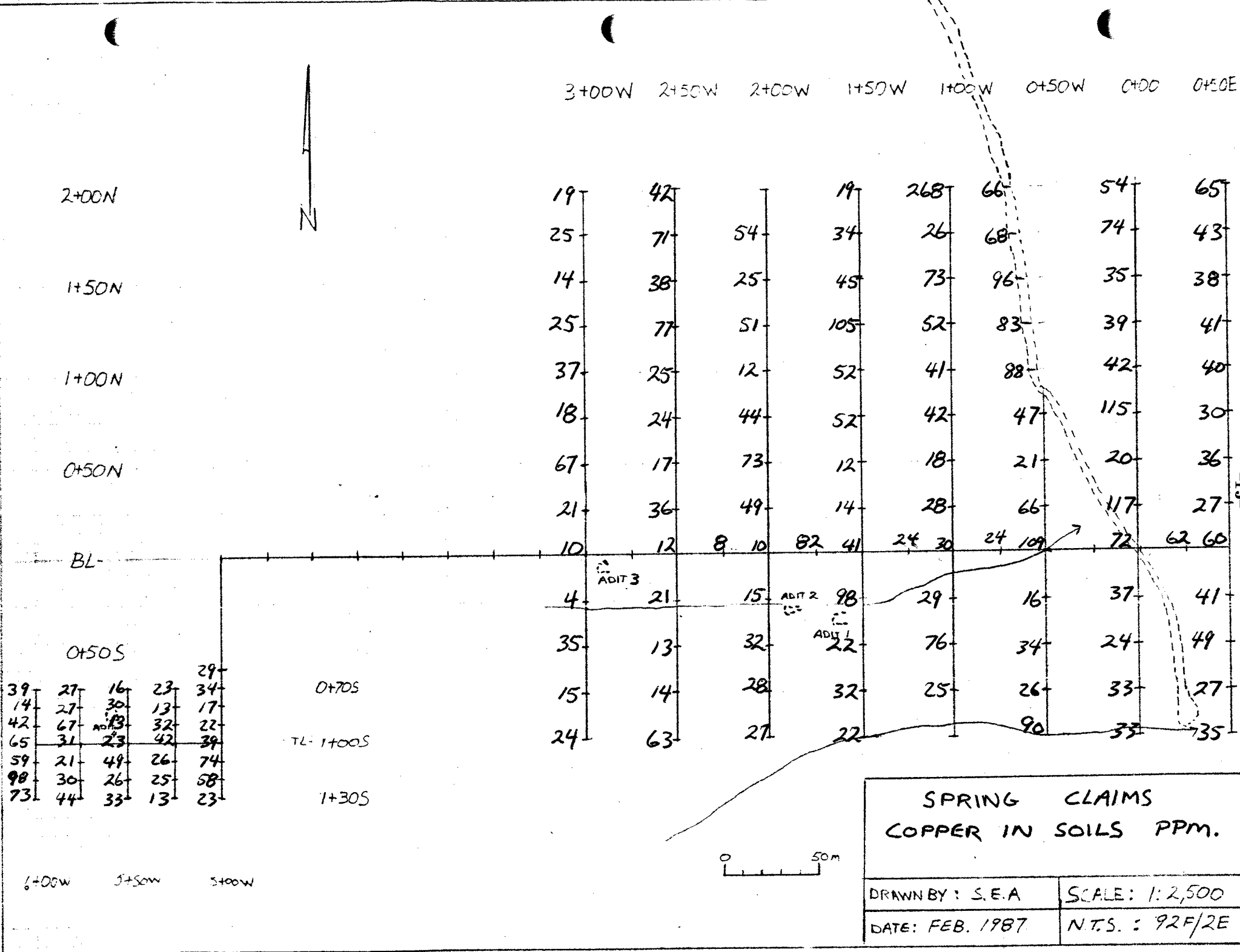
1+00W 1+50W 1+00W



SPRING CLAIMS  
LEAD IN SOILS PPM.

DRAWN BY: S.E.A      SCALE: 1:2,500  
DATE: FEB. 1987      N.T.S.: 92F/2E





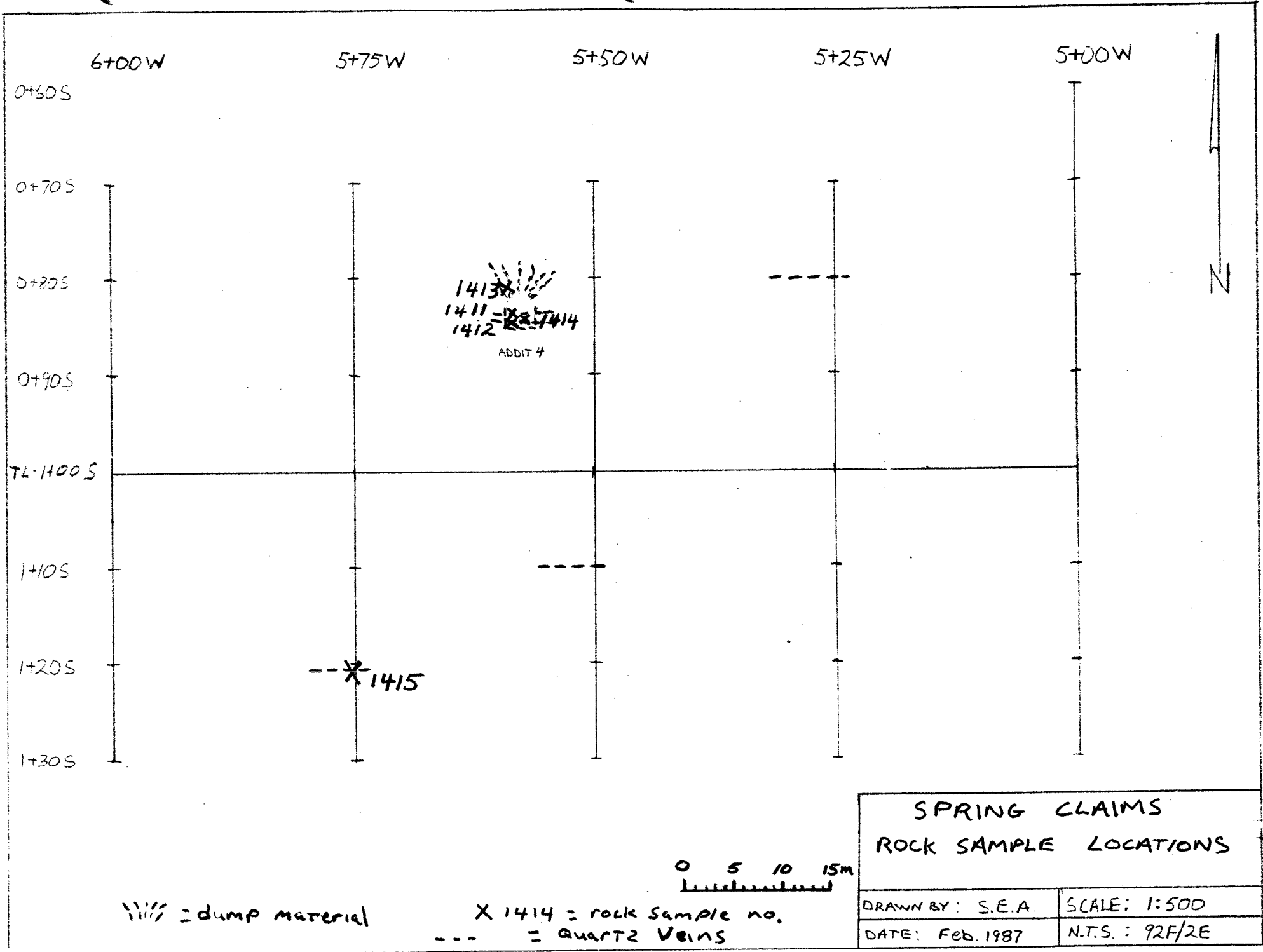
39	27	16	23	29
14	27	30	13	34
42	67	13	32	17
65	31	23	42	22
59	21	49	26	39
98	30	26	25	74
73	44	33	13	58
				23

19	42		19	268	66	54	65
25	71	54	34	26	68	74	43
14	38	25	45	73	96	35	38
25	77	51	105	52	83	39	41
37	25	12	52	41	88	42	40
18	24	44	52	42	47	115	30
67	17	73	12	18	21	20	36
21	36	49	14	28	66	117	27
10	12	8	10	82	41	24	30
						24	109
4	21	15	98	29	16	37	41
35	13	32	22	76	34	24	49
15	14	28	32	25	26	33	27
24	63	27	22		90	33	735

6+00W 5+50W 5+00W

**ROCK SAMPLE DESCRIPTIONS AND GEOCHEM RESULT:**

<u>SAMPLE NO.</u>	<u>LOCATION AND DESCRIPTION</u>	Au. ppb	Ag. ppm	Cu. ppm	Pb. ppm	Zn. ppm
1411	- #4 Adit - 30 cm wide qtz. vein Pyrite, chalcopyrite, sphalerite, and galena.	2700	67.2	224	2800	3610
1412	- #4 Adit - 30 cm wide qtz. parallelling vein described in sample 1411, pyrite, chalcopryite, sphalerite, and galena.	340	5.0	170	81	18400
1413	- #4 Adit - grab sample of dump material. Qtz. vein and silicified argillite pyrite minor chalcopyrite, sphalerite, and greater galena than the other samples.	755	60.2	71	5900	860
1414	- #4 Adit- very silicified argillite wallrock material taken from between the two veins, very pyritic.	140	3.1	72	225	1400
1415	- #4 Adit area: 45 cm quartz vein, rusty weathered, pyritic.	955	9.0	28	110	167
1419	- 0+50W-2+10N -float boulder pyritic argillite	70	1.2			



**CONCLUSIONS AND RECOMMENDATIONS:**

Several anomolous geochem samples have been returned in the grided areas around the old workings.

It appears the zinc geochems may be the best indicator for the mineralized veins.

A large extension of the grid should be established.

Soil geochemistry, geological mapping a V.L.F. E.M. 16 survey and possibly a magnetometer survey should then be done.

Respectfully submitted



---

S.E. Angus

Vancouver, B.C.  
February - 1987

**APPENDIX 1**

**GEOCHEMICAL ANALYTICAL PROCEDURES AND ASSAY RESULTS**



# VANGEOCHEM LAB LIMITED

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

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

FEBRUARY 20TH, 1987

TO:

MR. SCOTT ANGUS  
12474 CRESENT ROAD  
SURREY, B.C. V4A 2V3

FROM:

VANGEOCHEM LAB LIMITED  
1521 PEMBERTON AVENUE  
NORTH VANCOUVER, BRITISH COLUMBIA  
V7P 2S3

SUBJECT: ANALYTICAL PROCEDURE USED TO DETERMINE GOLD BY FIRE ASSAY METHOD AND DETECT BY ATOMIC ABSORPTION SPECTROPHOTOMETRY IN GEOLOGICAL SAMPLES.

## 1. METHOD OF SAMPLE PREPARATION

- (A) GEOCHEMICAL SOIL, SILT OR ROCK SAMPLES WERE RECEIVED AT THE LABORATORY IN HIGH WET-STRENGTH, 4" X 6", KRAFT PAPER BAGS. ROCK SAMPLES WOULD BE RECEIVED IN POLY ORE BAGS.
- (B) DRIED SOIL AND SILT SAMPLES WERE SIFTED BY HAND USING AN 8" DIAMETER, 80-MESH, STAINLESS STEEL SIEVE. THE PLUS 80-MESH FRACTION WAS REJECTED. THE MINUS 80-MESH FRACTION WAS TRANSFERRED INTO A NEW BAG FOR SUBSEQUENT ANALYSES.
- (C) DRIED ROCK SAMPLES WERE CRUSHED USING A JAW CRUSHER AND PULVERIZED TO 100-MESH OR FINER BY USING A DISC MILL. THE PULVERIZED SAMPLES WERE THEN PUT IN A NEW BAG FOR SUBSEQUENT ANALYSES.

## 2. METHOD OF EXTRACTION

- (A) 20.0 TO 30.0 GRAMS OF THE PULP SAMPLES WERE USED. SAMPLES WERE WEIGHED OUT USING A TOP-LOADING BALANCE AND DEPOSITED INTO INDIVIDUAL FUSION POTS.
- (B) A FLUX OF LITHARGE, SODA ASH, SILICA, BORAX, AND, EITHER FLOUR OR POTASSIUM NITRITE IS ADDED. THE SAMPLES ARE THEN FUSED AT 1900 DEGREES FARENHIET TO FORM A LEAD "BUTTON".
- (C) THE GOLD IS EXTRACTED BY CUPELLATION AND PARTED WITH DILUTED NITRIC ACID.



# VANGEOCHEM LAB LIMITED

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

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

(D) THE GOLD BEAD IS RETAINED FOR SUBSEQUENT MEASUREMENT.

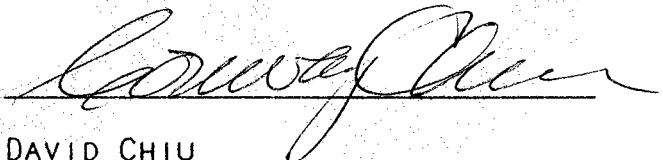
### 3. METHOD OF DETECTION

(A) THE GOLD BEAD IS DISSOLVED BY BOILING WITH SODIUM CYANIDE, HYDROGEN PEROXIDE AND AMMONIUM HYDROXIDE.

(B) THE DETECTION OF GOLD WAS PERFORMED WITH A TECHTRON MODEL AA5 ATOMIC ABSORPTION SPECTROPHOTOMETER WITH A GOLD HOLLOW CATHODE LAMP. THE RESULTS WERE READ OUT ON A STRIP CHART RECORDER. THE GOLD VALUES, IN PARTS PER BILLION, WERE CALCULATED BY COMPARING THEM WITH A SET OF KNOWN GOLD STANDARDS.

### 4. ANALYSTS

THE ANALYSES WERE SUPERVISED OR DETERMINED BY MR. CONWAY CHUN OR MR. DAVID CHIU AND HIS LABORATORY STAFF.

  
for DAVID CHIU  
VANGEOCHEM LAB LIMITED



# VANGEOCHEM LAB LIMITED

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

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

FEBRUARY 20TH, 1987

TO:

MR. SCOTT ANGUS  
12474 CRESENT ROAD  
SURREY, B.C. V4A 2V3

FROM:

VANGEOCHEM LAB LIMITED  
1521 PEMBERTON AVENUE  
NORTH VANCOUVER, BRITISH COLUMBIA  
V7P 2S3

SUBJECT: ANALYTICAL PROCEDURE USED TO DETERMINE HOT ACID SOLUBLE FOR CU, PB, ZN AND AG IN GEOCHEMICAL SILT AND SOIL SAMPLES.

## 1. METHOD OF SAMPLE PREPARATION

- (A) GEOCHEMICAL SOIL, SILT OR ROCK SAMPLES WERE RECEIVED AT THE LABORATORY IN HIGH WET-STRENGTH, 4" X 6", KRAFT PAPER BAGS. ROCK SAMPLES WOULD BE RECEIVED IN POLY ORE BAGS.
- (B) DRIED SOIL AND SILT SAMPLES WERE SIFTED BY HAND USING AN 8" DIAMETER, 80-MESH, STAINLESS STEEL SIEVE. THE PLUS 80-MESH FRACTION WAS REJECTED. THE MINUS 80-MESH FRACTION WAS TRANSFERRED INTO A NEW BAG FOR SUBSEQUENT ANALYSES.
- (C) DRIED ROCK SAMPLES WERE CRUSHED USING A JAW CRUSHER AND PULVERIZED TO 100-MESH OR FINER BY USING A DISC MILL. THE PULVERIZED SAMPLES WERE THEN PUT IN A NEW BAG FOR SUBSEQUENT ANALYSES.

## 2. METHOD OF DIGESTION

- (A) 0.50 GRAM PORTIONS OF THE MINUS 80-MESH SAMPLES WERE USED. SAMPLES WERE WEIGHED OUT USING AN ELECTRONIC BALANCE.
- (B) SAMPLES WERE HEATED IN TEST TUBES, ON A SAND BATH IN A NITRIC AND PERCHLORIC CONCENTRATED ACID SOLUTION (15% AND 85% BY VOLUME RESPECTIVELY).
- (C) A MINIMUM OF 5000 PPM SOLUTION OF  $AlCO_3$  WAS ADDED TO EACH SAMPLE WHEN MO ANALYSES WERE REQUIRED. DIGESTED SAMPLES WERE DILUTED WITH DEMINERALIZED WATER TO A





# VANGEOCHEM LAB LIMITED

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

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

FIXED VOLUME. THE SAMPLES WERE AGITATED TO OBTAIN A HOMOGENEOUS SOLUTION.

### 3. METHOD OF ANALYSES


CU, PB, ZN, AND AG CONCENTRATIONS WERE DETERMINED USING A TECHTRON ATOMIC ABSORPTION SPECTROPHOTOMETER MODEL AA5 WITH THEIR RESPECTIVE HOLLOW CATHODE LAMPS. THE DIGESTED SAMPLES WERE DIRECTLY ASPIRATED INTO AN AIR AND ACETYLENE MIXTURE FLAME. THE RESULTS, IN PARTS PER MILLION, WERE CALCULATED BY COMPARING THEM TO A SET OF STANDARDS USED TO CALIBRATE THE ATOMIC ABSORPTION UNITS.

### 4. BACKGROUND CORRECTION

A HYDROGEN CONTINUUM LAMP WAS USED TO CORRECT THE AG BACKGROUND INTERFERENCES.

### 5. ANALYSTS

THE ANALYSES WERE SUPERVISED OR DETERMINED BY EITHER MR. CONWAY CHUN OR MR. EDDIE TANG, AND, THE LABORATORY STAFF.

  
\_\_\_\_\_  
EDDIE TANG  
VANGEOCHEM LAB LIMITED



# VANGEOCHEM LAB LIMITED

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

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

FEBRUARY 20TH, 1987

TO:

MR. SCOTT ANGUS  
12474 CRESENT ROAD  
SURREY, B.C. V4A 2V3

FROM:

VANGEOCHEM LAB LIMITED  
1521 PEMBERTON AVENUE  
NORTH VANCOUVER, BRITISH COLUMBIA  
V7P 2S3

SUBJECT: ANALYTICAL PROCEDURE USED TO DETERMINE AQUA REGIA  
SOLUBLE GOLD IN GEOCHEMICAL SAMPLES.

## 1. METHOD OF SAMPLE PREPARATION

- (A) GEOCHEMICAL SOIL, SILT OR ROCK SAMPLES WERE RECEIVED AT THE LABORATORY IN HIGH WET-STRENGTH, 4" X 6", KRAFT PAPER BAGS. ROCK SAMPLES WOULD BE RECEIVED IN POLY ORE BAGS.
- (B) DRIED SOIL AND SILT SAMPLES WERE SIFTED BY HAND USING AN 8" DIAMETER, 80-MESH, STAINLESS STEEL SIEVE. THE PLUS 80-MESH FRACTION WAS REJECTED. THE MINUS 80-MESH FRACTION WAS TRANSFERRED INTO A NEW BAG FOR SUBSEQUENT ANALYSES.
- (C) DRIED ROCK SAMPLES WERE CRUSHED USING A JAW CRUSHER AND PULVERIZED TO 100-MESH OR FINER BY USING A DISC MILL. THE PULVERIZED SAMPLES WERE THEN PUT IN A NEW BAG FOR SUBSEQUENT ANALYSES.

## 2. METHOD OF DIGESTION

- (A) 5.00 TO 10.00 GRAMS OF THE MINUS 80-MESH PORTION OF THE SAMPLES WERE USED. SAMPLES WERE WEIGHED OUT USING AN ELECTRONIC MICRO-BALANCE AND DEPOSITED INTO BEAKERS.
- (B) USING A 20 ML SOLUTION OF AQUA REGIA (3:1 SOLUTION OF HCL TO HNO<sub>3</sub>), EACH SAMPLE WAS VIGOROUSLY DIGESTED OVER A HOT PLATE.
- (C) THE DIGESTED SAMPLES WERE FILTERED AND THE WASHED PULPS WERE DISCARDED. THE FILTRATE WAS THEN REDUCED IN VOLUME TO ABOUT 5 ML.



# VANGEOCHEM LAB LIMITED

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

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

- (D) AU COMPLEX IONS WERE THEN EXTRACTED INTO A DI-ISOBUTYL KETONE AND THIOUREA MEDIUM (ANION EXCHANGE LIQUIDS "ALIQOT 336").
- (E) SEPARATORY FUNNELS WERE USED TO SEPARATE THE ORGANIC LAYER.

### 3. METHOD OF DETECTION

THE DETECTION OF AU WAS PERFORMED WITH A TECHTRON MODEL AA5 ATOMIC ABSORPTION SPECTROPHOTOMETER WITH A GOLD HOLLOW CATHODE LAMP. THE RESULTS WERE READ OUT ONTO A STRIP CHART RECORDER. A HYDROGEN LAMP WAS USED TO CORRECT ANY BACKGROUND INTERFERENCES. THE GOLD VALUES, IN PARTS PER BILLION, WERE CALCULATED BY COMPARING THEM WITH A SET OF GOLD STANDARDS.

### 4. ANALYSTS

THE ANALYSES WERE SUPERVISED OR DETERMINED BY MR. CONWAY CHUN OR MR. EDDIE TANG AND HIS LABORATORY STAFF.

EDDIE TANG  
VANGEOCHEM LAB LIMITED



# VANGEOCHEM LAB LIMITED

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

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

## ===== GEOCHEMICAL ANALYTICAL REPORT =====

CLIENT: SCOTT ANGUS  
ADDRESS: 12474 Crescent Rd.  
: Surrey B.C.  
: V4A 2V3

DATE: July 17 1986

REPORT#: 860268GA  
JOB#: 860268

PROJECT#: NONE GIVEN  
SAMPLES ARRIVED: July 8 1986  
REPORT COMPLETED: July 17 1986  
ANALYSED FOR: Cu Pb Zn Ag Au

INVOICE#: 860268NA  
TOTAL SAMPLES: 158  
SAMPLE TYPE: 158 PULP  
REJECTS: DISCARDED

SAMPLES FROM: SCOTT ANGUS  
COPY SENT TO: SCOTT ANGUS

PREPARED FOR: SCOTT ANGUS

ANALYSED BY: VGC Staff

SIGNED: \_\_\_\_\_  
*W. Bay*

GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 8602686A

JOB NUMBER: 860268

SCOTT ANGUS

PAGE 1 OF 5

SAMPLE #	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb
86-SILT 01	102	11	68	.6	nd
86-SILT 02	88	8	63	.5	nd
86-SILT 03	68	13	97	.1	nd
86-SILT 04	69	7	70	.1	nd
86-SILT 05	50	9	79	.4	nd
86-SILT 06	64	9	48	.3	nd
86-SILT 07	82	27	104	.1	15
86-SILT 08	101	19	91	.3	5
86-SILT 09	44	12	105	.1	10
86-SILT 10	98	17	89	.4	10
86-SILT 11	108	18	92	.5	nd
86-SILT 12	79	25	101	.2	50
86-SILT 13	84	14	94	.3	nd
86-SILT 14	94	18	105	.3	nd
86-SILT 15	59	29	98	.3	nd
BL 0+00	72	105	412	.1	50
L0+00 0+25N	117	232	661	.5	330
L0+00 0+50N	20	18	32	.6	35
L0+00 0+75N	15	11	21	.5	10
L0+00 1+00N	42	17	42	.5	20
L0+00 1+25N	39	16	68	.6	30
L0+00 1+50N	35	14	71	.6	5
L0+00 1+75N	74	16	64	.6	15
L0+00 2+00N	54	18	48	.6	10
L0+00 0+25S	37	20	45	.5	5
L0+00 0+50S	24	17	38	.6	30
L0+00 0+75S	33	18	35	.5	30
L0+00 1+00S	33	11	31	.8	30
BL0+25E	62	74	547	.3	nd
BL0+50E	60	87	422	.4	65
L0+50E 0+25N	27	42	161	.3	45
L0+50E 0+50N	36	91	221	.1	45
L0+50E 0+75N	30	36	238	.6	25
L0+50E 1+00N	40	16	80	.4	5
L0+50E 1+25N	41	16	60	.8	65
L0+50E 1+50N	38	19	48	.6	55
L0+50E 1+75N	43	16	47	.6	10
L0+50E 2+00N	65	17	68	.6	10
L0+50E 0+25S	41	40	158	.1	10

DETECTION LIMIT

1

2

1

0.1

5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 8602686A

JOB NUMBER: 860268

SCOTT ANGUS

PAGE 2 OF 5

SAMPLE #	Cu	Pb	Zn	Ag	Au
	ppm	ppm	ppm	ppm	ppb
L0+50E 0+50S	49	29	63	.1	30
L0+50E 0+75S	27	16	37	.6	10
L0+50E 1+00S	35	27	73	.4	35
BL0+50W	109	100	527	.3	20
L0+50W 0+25N	66	16	97	.4	70
L0+50W 0+50N	21	17	51	.6	10
L0+50W 0+75N	47	21	144	.1	30
L0+50W 1+00N	88	18	71	.2	20
L0+50W 1+25N	83	11	48	.3	5
L0+50W 1+50N	95	21	121	.2	10
L0+50W 1+75N	68	11	42	.4	5
L0+50W 2+00N	66	15	41	1.5	15
L0+50W 0+25S	16	11	16	.5	5
L0+50W 0+50S	34	13	42	.4	10
L0+50W 0+75S	26	11	40	.9	15
L0+50W 1+00S	90	36	206	.6	35
BL0+75W	24	46	95	.4	25
BL1+00W	30	25	71	.1	nd
L1+00W 0+25N	28	15	94	.4	5
L1+00W 0+50N	18	10	39	.1	10
L1+00W 0+75N	42	16	116	.1	5
L1+00W 1+00N	41	28	98	.1	5
L1+00W 1+25N	52	15	60	.5	5
L1+00W 1+50N	73	24	202	.1	10
L1+00W 1+75N	26	13	26	.8	5
L1+00W 2+00N	268	181	1246	1.1	5
L1+00W 0+25S	29	19	66	.5	105
L1+00W 0+50S	76	33	134	.3	nd
L1+00W 0+75S	25	19	33	.4	5
BL1+25W	24	17	32	.3	5
BL1+50W	41	32	111	.6	20
L1+50W 0+25N	14	16	19	.9	5
L1+50W 0+50N	12	11	21	.8	5
L1+50W 0+75N	52	25	127	.5	5
L1+50W 1+00N	52	22	132	.1	5
L1+50W 1+25N	105	26	216	.2	5
L1+50W 1+50N	45	15	65	.1	10
L1+50W 1+75N	34	14	55	.2	5
L1+50W 2+00N	19	15	24	.6	5

DETECTION LIMIT

1 2

1 0.1 5

nd = none detected

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 8602686A

JOB NUMBER: 860268

SCOTT ANGUS

PAGE 3 OF 5

SAMPLE #	Cu	Pb	Zn	Ag	Au
	ppm	ppm	ppm	ppm	ppb
L1+50W 0+25S	98	224	235	1.9	120
L1+50W 0+50S	22	15	39	.2	10
L1+50W 0+75S	32	16	47	.7	5
L1+50W 1+00S	22	13	29	.7	10
BL1+75W	82	33	289	.4	10
BL2+00W	10	15	31	.3	10
L2+00W 0+25N	49	18	68	.1	5
L2+00W 0+50N	73	19	73	.1	10
L2+00W 0+75N	44	16	71	.1	nd
L2+00W 1+00N	12	6	17	.1	5
L2+00W 1+25N	51	10	49	.1	nd
L2+00W 1+50N	25	19	67	.1	nd
L2+00W 1+75N	54	17	144	.1	5
L2+00W 0+15S	15	13	36	.3	5
L2+00W 0+50S	32	19	45	1.1	5
L2+00W 0+75S	28	14	27	.8	5
L2+00W 1+00S	27	13	27	.6	nd
BL2+25W	8	9	16	.1	5
BL2+50W	12	13	19	.4	5
L2+50W 0+25N	36	18	47	.1	nd
L2+50W 0+50N	17	9	16	.2	nd
L2+50W 0+75N	24	12	26	.2	15
L2+50W 1+00N	25	15	33	.1	5
L2+50W 1+25N	77	17	56	.1	5
L2+50W 1+50N	38	15	35	.1	5
L2+50W 1+75N	71	16	129	.1	5
L2+50W 2+00N	42	13	52	.1	10
L2+50W 0+20S	21	17	36	.1	nd
L2+50W 0+50S	13	17	32	.3	nd
L2+50W 0+75S	14	12	16	.5	5
L2+50W 1+00S	63	20	69	1.6	10
BL3+00W	10	11	14	.1	nd
L3+00W 0+25N	21	15	29	.1	5
L3+00W 0+50N	67	15	62	.1	5
L3+00W 0+75N	18	10	22	.3	5
L3+00W 1+00N	37	10	35	.1	10
L3+00W 1+25N	25	14	25	.1	5
L3+00W 1+50N	14	9	12	.1	5
L3+00W 1+75N	25	10	28	.1	10

DETECTION LIMIT

nd = none detected

1

2

-- = not analysed

1

0.1

is = insufficient sample

5



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 8602686A

JOB NUMBER: 860268

SCOTT ANGUS

PAGE 4 OF 5

SAMPLE #	Cu	Pb	Zn	Ag	Au
	ppm	ppm	ppm	ppm	ppb
L3+00W 2+00N	19	15	19	.4	nd
L3+00W 0+25S	4	10	13	.1	nd
L3+00W 0+50S	35	26	73	.9	nd
L3+00W 0+75S	15	19	21	.9	nd
L3+00W 1+00S	24	34	64	.5	nd
L5+00W 0+60S	29	16	70	.1	45
L5+00W 0+70S	34	27	101	.3	60
L5+00W 0+80S	17	14	15	1.0	nd
L5+00W 0+90S	22	14	30	.6	5
L5+00W 1+00S	39	13	46	.1	10
L5+00W 1+10S	74	20	368	.1	5
L5+00W 1+20S	58	18	52	.2	15
L5+00W 1+30S	23	14	29	.7	20
L5+25W 0+70S	23	14	76	.1	10
L5+25W 0+80S	13	10	60	.1	20
L5+25W 0+90S	32	21	114	.1	40
L5+25W 1+00S	42	12	65	.1	50
L5+25W 1+10S	26	12	48	.1	30
L5+25W 1+20S	25	18	38	.3	5
L5+25W 1+30S	13	12	22	.3	15
L5+50W 0+70S	16	9	37	.1	10
L5+50W 0+80S	30	20	137	.1	45
L5+50W 0+90S	13	15	30	.3	30
L5+50W 1+00S	23	10	20	.1	15
L5+50W 1+10S	49	21	152	.1	35
L5+50W 1+20S	26	18	51	.1	10
L5+50W 1+30S	33	16	58	.1	30
L5+75W 0+70S	27	13	74	.1	30
L5+75W 0+80S	27	15	57	.1	30
L5+75W 0+90S	67	31	149	.1	30
L5+75W 1+00S	31	19	67	.1	20
L5+75W 1+10S	21	11	29	.1	20
L5+75W 1+20S	30	15	78	.1	15
L5+75W 1+30S	44	19	64	.1	15
L6+00W 0+70S	39	14	39	.2	10
L6+00W 0+80S	14	9	14	.1	5
L6+00W 0+90S	42	16	33	.1	25
L6+00W 1+00S	65	19	65	.1	5
L6+00W 1+10S	59	22	76	.1	10

DETECTION LIMIT

1

2

1

0.1

5

nd = none detected

-- = not analysed

is = insufficient sample





# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 8602686A

JOB NUMBER: 860268

SCOTT ANGUS

PAGE 5 OF 5

SAMPLE #	Cu	Pb	Zn	Ag	Au
	ppm	ppm	ppm	ppm	ppb
L6+00W 1+20S	98	17	266	.1	25
L6+00W 1+30S	73	21	190	.1	40

DETECTION LIMIT

nd = none detected

1

2

1

0.1

5

-- = not analysed

is = insufficient sample



# VANGEOCHEM LAB LIMITED

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

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

## GEOCHEMICAL ANALYTICAL REPORT

CLIENT: SCOTT ANGUS  
ADDRESS: 12474 Crescent Rd.  
: Surrey, B.C.  
: V4A 2V3

DATE: July 14 1986

REPORT#: 860266GA  
JOB#: 860266

PROJECT#: None Given  
SAMPLES ARRIVED: July 8 1986  
REPORT COMPLETED: July 14 1986  
ANALYSED FOR: Cu Pb Zn Ag Au (FA/AAS)

INVOICE#: 860266NA  
TOTAL SAMPLES: 15  
SAMPLE TYPE: 15 ROCK  
REJECTS: SAVED

SAMPLES FROM: SCOTT ANGUS  
COPY SENT TO: SCOTT ANGUS

PREPARED FOR: SCOTT ANGUS

ANALYSED BY: VGC Staff

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


GENERAL REMARK: None



# VANGEOCHEM LAB LIMITED

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

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

REPORT NUMBER: 8602666A

JOB NUMBER: 860266

SCOTT ANGUS

PAGE 1 OF 1

SAMPLE #	Cu	Pb	Zn	Ag	Au
	ppm	ppm	ppm	ppm	ppb
01406	122	--	--	.5	135
01407	9500	--	--	15.4	2060
01408	--	--	--	.3	55
01409	--	--	--	nd	5
01410	--	--	--	.3	5
01411	224	2800	3610	67.2	2700
01412	170	81	18400	5.0	340
01413	71	5900	860	60.2	755
01414	72	225	1400	3.1	140
01415	28	110	167	9.0	995
01416	--	--	--	.7	40
01417	--	--	--	.2	nd
01418	--	--	--	.3	nd
01419	--	--	--	1.2	70
01420	--	--	--	.7	30

DETECTION LIMIT

nd = none detected

1

2

1

0.1

5

-- = not analysed

is = insufficient sample

**APPENDIX 2**

**EXPENDITURE**

**APPENDIX 2**

Vangeochem Lab Ltd. - assaying	-	1,504.50
Expenses - groceries, transportation, etc. -	-	657.48
Truck rental 9 days @ 50.00	-	450.00
S. Angus 9 days @ 150.00	-	1350.00
E. Angus 9 days @ 150.00	-	1350.00
Camp and equipment rental 9 days @ 50.00	-	450.00
Report preparation, S.E. Angus	-	<u>500.00</u>
	TOTAL	6,261.98
1 year work on 54 unit group	-	5,400.00

EXPENSE CLAIM

NAME SCOTT ANGLIS

PERIOD June 17/86 TO June 28/86

EMP. NO. \_\_\_\_\_ SECT. NO. \_\_\_\_\_

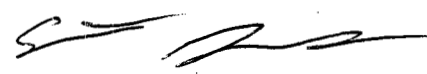
Company Name \_\_\_\_\_

SUB. DIV. \_\_\_\_\_

PURPOSE SPRING GROUP

R / NR \_\_\_\_\_

DATE	EXPLANATION	Project Number	EXPENDITURES	
			BY COMPANY	BY EMPLOYEE
June 17	Groceries			13 60
18	gas			20 00
18	MAPS			10 00
18	Ferry			23 00
18	groceries			14 59
18	meal			3 70
18	meals			23 90
18	Rooms			31 46
19	Ferry			8 45
20	Ferry			23 00
20	Gas			25 00
20	meals			25 25
20	room			36 30
21	meals			7 85
21	Gas			19 16
21	MAPS			9 31
21	meal			7 65
21	groceries			68 50
TOTALS				370 72
			TOTAL EXPENSES	

SIGNATURE  APPROVED \_\_\_\_\_

ACCOUNTING USE ONLY				JOURNAL REF.	
CHARGE TO CORE ACCT.	CHARGE TO SUB. ACCT.	PROJECT NUMBER	PROJECT SUB. DIV.	DEBIT	CREDIT

Cash Advanced		
Cash Expended		
Balance due Employee		
Balance due Company		
Paid	Carried Fwd.	

# EXPENSE CLAIM

NAME SCOTT ANGUS

PERIOD June 17/87 TO June 28/87

EMP. NO. \_\_\_\_\_ SECT. NO. \_\_\_\_\_

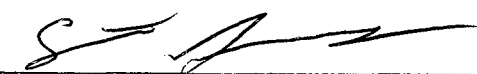
Company Name \_\_\_\_\_

SUB. DIV. \_\_\_\_\_

PURPOSE SPRING GROUP

R / NR \_\_\_\_\_

DATE	EXPLANATION	Project Number	EXPENDITURES	
			BY COMPANY	BY EMPLOYEE
June 21	groceries			4 15
21	gas			34 00
23	Permit fee for Macmillan Blvd road			20 00
23	groceries			25 67
24	gas			36 25
24	groceries			29 44
26	Propane			31 03
26	groceries			12 14
28	groceries			4 12
28	ferris			23 00
28	gas			37 46
28	meals			16 65
July 5	envelopes for sifted samples			8 45
<b>TOTALS</b>				
			<b>TOTAL EXPENSES</b>	<b>657 48</b>

SIGNATURE 

APPROVED \_\_\_\_\_

ACCOUNTING USE ONLY				JOURNAL REF. _____	
CHARGE TO CORE ACCT.	CHARGE TO SUB. ACCT.	PROJECT NUMBER	PROJECT SUB. DIV.	DEBIT	CREDIT

Cash Advanced			
Cash Expended			
Balance due Employee			
Balance due Company			
Paid		Carried Fwd.	



FLETCHERS FINE FOODS  
8385 FRASER ST., VANCOUVER, B.C. V5X 3X8  
TEL: 321-6681

73421

*Scott Angus*

*June 17 1986*

8385 FRASER ST  
VANCOUVER B. C.  
TEL. 321-6681

PCS		WEIGHT	PRICE	TOTAL
1	Free Bacon			260.
1	Budget Ham	24	235.	470.
4	Sub Meats			280.
1	Salami Stick			175.
1	Breakfast Sausage			175.
				<hr/>
				1360.

*Rec'd  
17-18-86*

Form-ORD09

ORIGINAL - OFFICE

COPY - CUSTOMER



Province of  
British Columbia

RECEIPT

THE SUM OF

*ten*

ON ACCOUNT OF:

*sale of 5 Taps  
125513-125515*

RECEIVED FROM

*cash*

*ms*

ISSUING OFFICE

*[Signature]*  
SIGNING

ELGIN SERVICE LTD  
3615 ELGIN RD 531-3860  
SURREY B.C.  
STATION #00000000

CUSTOMER SALES RECEIPT  
#1533  
05:17 AM 06-18-86

HOSE #.....02  
PRODUCT.....1  
PER LITER.....\$0.421  
LITERS.....047.51  
TOTAL SALE...\$0020.00

THANK YOU  
COME AGAIN



MacMillan Bloedel Limited  
 DIV-5019(5-73)



CASH RECEIPT

No 54410

00-03-09

RECEIVED FROM

THE SUM OF

SCOTT AUGUS

\$20.00 Permit Fee  
 \$50.00 Key Deposit

DATE June 23 1986  
 \$ 70.00

PER

John Edle

AT

MacMillan Bloedel Limited  
 Northwest Bay Division

DATE 06-21  
 TIME 16:10  
 2 WH CH 4.40  
 2 PR 1.50  
 1 R OPE .50  
 1 MILK .50  
 1 CDP .45  
 387 TOTAL 7.35  
 PU 50.00  
 CASH 42.55

OVERWATEA #49  
 EXPECT THE BEST  
 06/21/86

OVERWATEA #49  
 EXPECT THE BEST  
 06/21/86

CASH# 30 #  
 EVEREADY AA 3.88 T  
 TAX .27  
 TOTAL 4.15  
 CASH 5.00  
 CHANGE .85

THANK YOU  
 #55650 0004 R04 T18-58

CARROTS/BULK .91  
 725KG @1.26/KG  
 WHT POTATOES 1.95  
 2.165KG @.90/KG  
 ONIONS/MED 45  
 4.15KG @1.08/KG  
 ORANGES/NU/S 2.26  
 1.490KG @1.52/KG  
 GRANNY SMITH 2.93  
 1.155KG @2.54/KG  
 CORN COR .78  
 2P1/39  
 FU BUTTER 2.78  
 UP/W/C/BEANS .72  
 WEST OIL 5.08  
 UIVA TOWELS .95 T  
 SAND/BAGS 1.35 T  
 CREAMO 500ML .83  
 DARE/DAT/RAI 2.85  
 POTATO SALAD 2.79  
 SAUTE PAN 22.98 T  
 SPAGHET MIX .77  
 MACARONI 1.25  
 WB MUSHROOMS .58  
 BRAN/H BREAD 1.69  
 ASPARAGUS 2.35  
 WB MUSHROOMS .58  
 WF OLIVES 1.59  
 SIRLOIN TIP 4.96  
 EGGS LARGE 1.65  
 BRAN/H BREAD 1.69  
 TAX 1.77  
 TOTAL 68.50

CASH 70.00  
 CHANGE

REGULAR UNLEADED		REGULAR UNLEADED		REGULAR UNLEADED	
Quantity	Price	Quantity	Price	Quantity	Price
MOTOR OIL					
97423493400					
Social Services Tax					
Total 29.00					

Thank You For Buying Chevron  
 Chevron Canada Limited  
 Customers Cop.

03400









ICG CANADIAN PROPANE LTD  
DIVISION OF INTER-CITY GAS CORPORATION



Q 4 3 2 2

TELEPHONE 723-5311  
BOX 1389  
PORT ALBERNI, B.C. V9Y 7M2

SOLD TO

NAME \_\_\_\_\_  
ADDRESS \_\_\_\_\_  
CUSTOMER NO. \_\_\_\_\_

DELIVERED TO \_\_\_\_\_  
ORDER NO. \_\_\_\_\_ DATE June 26/86  
SALESMAN JH SHIP VIA \_\_\_\_\_

APPLIANCES	QUANTITY	MODEL NO./PART NO.	SERIAL NO.	MAKE	DESCRIPTION / SIZE	UNIT PRICE	3B	AMOUNT	42		
								3 5	TOTAL APPLIANCES	CC 22	

MATERIAL	QUANTITY	MODEL NO./PART NO.	SERIAL NO.	MAKE	DESCRIPTION / SIZE	UNIT PRICE	3B	AMOUNT	42		
1					20 lb Cylinder w/propane			29.00			
								3 2	TOTAL MATERIAL	CC 22	

Paid

BULK TANK SALES	QUANTITY	MODEL NO./PART NO.	SERIAL NO.	MAKE	DESCRIPTION / SIZE	UNIT PRICE	3B	AMOUNT	42		
									TOTAL BULK TANK SALES	CC 22	

CONTRACT NO. \_\_\_\_\_

CASH SALE \$	RECEIPT NO.
ON ACCT \$	CASH <input checked="" type="checkbox"/> CHEQUE <input type="checkbox"/>
TOTAL CASH REC'D \$	SALESMAN'S SIGNATURE <u>JH</u>

SUMMARY	TAX CODE	PROV. CODE	LABOR	HRS. @	MILEAGE	MILES @	TANK INSPECTION	GAS INSPECTION	METER SERIAL NO.	METER DEPOSIT	SUB-CONTRACTED SALES SUPPLIER	TOTAL
	3 4											29.00
	3 4											

GOODS RETURNED ARE SUBJECT TO A 10% RESTOCKING CHARGE. NO GOODS CAN BE RETURNED WITHOUT OUR PERMISSION.

TERMS: NET 10th MONTH FOLLOWING  
1% SERVICE CHARGE MONTHLY (2% PER ANNUM) ON OVERDUE ACCOUNTS.

INVOICE NUMBER **557045** SIGNATURE \_\_\_\_\_

11-43A  
000-3319

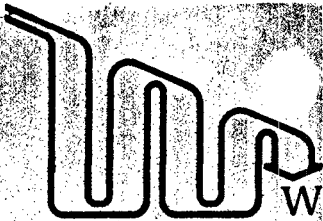
\*8.54M

\*7.98 ST  
\*0.56M 1

1M \*3.99 1  
1M \*3.99 1

07-05-86

PARTIAL  
STANDARD



# WESTERN REPRODUCERS LTD.

514 HORNBY STREET, VANCOUVER, BRITISH COLUMBIA V6C 2E7 - PHONE 684-5391 (HEAD OFFICE)

INVOICE


CS 103924

TERMS

NET. PAYABLE UPON  
RECEIPT OF INVOICE

TO

SHIP TO

DATE	YOUR ORDER NO.	FED. TAX NO.	PROV. TAX NO.	DATE REQUIRED	DATE SUPPLIED	
Sept 4/86						
No. Orig.	DESCRIPTION	CODE	UNIT	QUANTITY	PRICE	AMOUNT
3	8/20/11	27	18	6	.20	3.60
 20.00 4.31 <del>15.69</del>						
AUTHORIZED BY				RECEIVED BY		FED. TAX
						PROV. TAX
						TOTAL
						43 28 4.31

CASH SALE



# VANGEOCHEM LAB LIMITED

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

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

IN ACCOUNT WITH:

INVOICE: 860268NA

SCOTT ANGUS  
12474 Cresent Road  
Surrey, B.C.  
V4A 2V3

DATE: July 17, 1986

PROFESSIONAL SERVICE  
INVOICE IS PAYABLE UPON RECEIPT

PO#:

REPORT: 860268GA

PROJECT: NONE GIVEN

CODE	QUAN- TITY	DESCRIPTION	UNIT PRICE	TOTAL PRICE
	158	Cu, Pb, Zn & Ag analyses by AAS	\$4.25	\$ 671.50
	158	Au analyses by Aqua Regia/Sol. Ext/AAS	\$4.75	\$ 750.50

TOTAL, THIS INVOICE: \$ 1,422.00

PLEASE PAY BY INVOICE  
NO STATEMENT WILL BE ISSUED



# VANGEOCHEM LAB LIMITED

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

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

IN ACCOUNT WITH:

INVOICE: 860266NA

SCOTT ANGUS  
12474 Cresent Road  
Surrey, British Columbia  
V4A 2V3

DATE: July 14, 1986

PROFESSIONAL SERVICE  
INVOICE IS PAYABLE UPON RECEIPT

REPORT: 860266 GA

PROJECT: None Given

CODE	DESCRIPTION	QUAN- TITY	UNIT PRICE	TOTAL PRICE	
	Rock samples prepared for assay	15	3.00	45.00	<u>SPRING</u> 18.00
	Cu, Pb, Zn, Ag analyses by AAS	15	4.25	63.75	25.50
	Au analyses by fire assay/AAS finish	15	6.50	97.50	39.00

TOTAL, THIS INVOICE: \$206.25 82.50

PLEASE PAY BY INVOICE  
NO STATEMENT WILL BE ISSUED



**APPENDIX 3**

**STATEMENT OF QUALIFICATIONS**

**APPENDIX 3**

I, Scott E. Angus of 12474 Crescent Rd., in the city of Surrey,  
British Columbia.


DO HEREBY CERTIFY:

That I am a prospector and have been actively involved in mining  
exploration for the past twelve years.

The following is a list of companies I have worked for:

1976 - McIntyre Mines Ltd.  
1977 - McIntyre Mines Ltd.  
1978 - McIntyre Mines Ltd.  
1979 - J.C. Stephens Exploration Ltd.  
1980 - J.C. Stephens Explorations Ltd.  
1981 - J.C. Stephens Explorations Ltd.  
1982 - Carolin Mines Ltd.  
- Suneva Res.  
- Tenajon Silver Corp.  
1983 - Tenajon Silver Corp.  
- Cal Denver Res.  
1984 - Tenajon Silver Corp.  
- Cariboo Res.  
- Kokanee Res.  
- Homestock Res.  
- Carmac Res.  
1985 - Tenajon Silver Corp.  
- M.P.H. Consulting  
- Northair Mines Ltd.  
1986 - Northair Mines Ltd.  
- I.M. Watson and Associates

Besides doing work for these companies I prospect actively for myself  
and a private company called Edsons Res. Ltd. which I am the Vice  
President. At present I hold over 250 claim units in good standing in  
my own name in the province of British Columbia.

  
\_\_\_\_\_  
S.E. Angus

Dated at the City of Vancouver  
Province of British Columbia  
This 25th day of February 1987