

'81-# 311-# 9433

ASSESSMENT REPORT

FOR

CANFIC SILVER MINES LTD

COMSTOCK GROUP

SLOCAN MINING DIVISION

9433

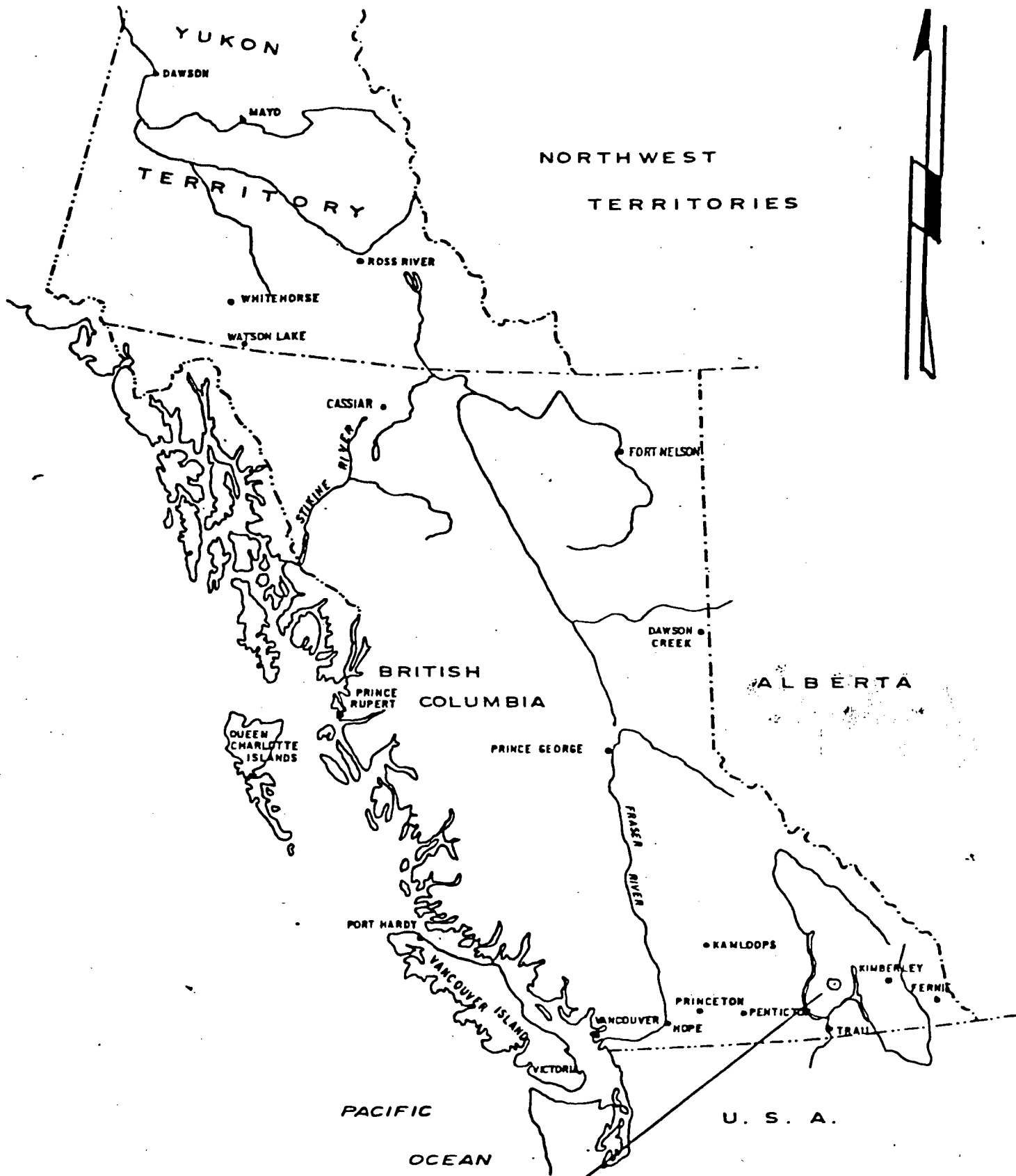
BRITISH COLUMBIA

APRIL 23, 1981

BY: J. PAUL STEVENSON

GEOCHEMICAL-GEOPHYSICAL REPORT

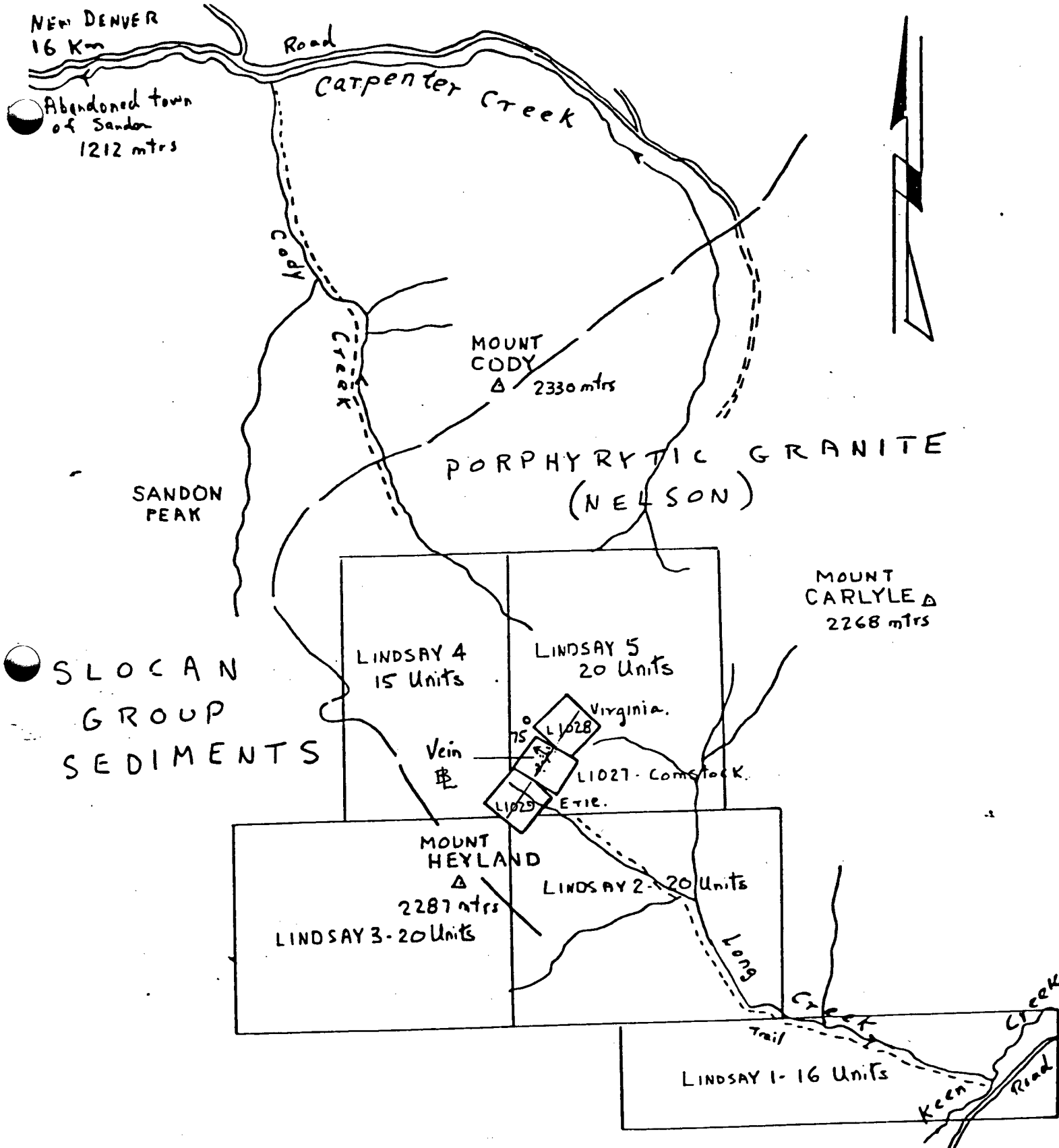
LAT. 49° 55'
LONG. 117° 10'
NTS 82F/14E



COMSTOCK-VIRGINIA PROPERTY

LOCATION MAP	
VANCOUVER	BRITISH COLUMBIA
CANFIC SILVER MINES LTD.	
COMSTOCK-VIRGINIA PROPERTY	
SCALE 1:12,672,000	
NTS.	DATE MAY, 1925
	FIG. No. 1

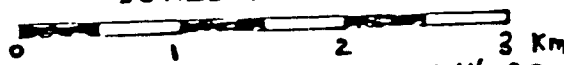
1" = 200 MILES



CANFIC SILVER MINES LTD

COMSTOCK-VIRGINIA LEAD-SILVER PROPER
SLOCAN MINING DIV, BRITISH COLUMBIA

SCALE 1:50 000



R.W. PHENDLER, P. ENG

MAY, 1980

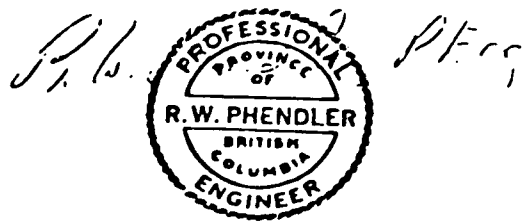


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COST STATEMENT

Instrument Operator	14 days @ \$100/day	\$	1,400.00
Prospector	8 days @ \$150/day	\$	1,200.00
Samplers (includes opening adit)	28 days @ \$75/day	\$	4,200.00
Helicopter	5 hrs @ \$448.70/hr	\$	2,243.50
Truck	3050 km @ .35/km	\$	1,067.50
Fuel		\$	402.54
Airlines		\$	115.55
Accomodations		\$	349.60
Food		\$	846.07
Miscellaneous Supplies		\$	1,329.97 297.60
Transportation	3 trips to property	\$	2,754.90
EM Report		\$	300.00
EM 16 Rental		\$	700.00
Draughting		\$	200.00
Assay Lab Costs		\$	2,580.30
Reproduction		\$	40.00
Report Compilation		\$	200.00
R W Phendler P. Eng	4 days @\$250/day	\$	1,000.00
R W Phendler P. Eng	4 days @\$300/day	\$	1,200.00
Typing of report	1 hr. @ \$9/hr	\$	9.00

Work occurred from June 27, 1980 to August 20, 1980

DEAKIN EQUIPMENT LTD.

831 POWELL STREET, VANCOUVER, B.C. V6A 1H7

TELEPHONE: 253-2685

INVOICE NUMBER

No 39099

INVOICE

S
D
L
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T
O

Sample Sales, June 4th
Paul Stevenson

S
H
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P
T
O

SAME

SHIPPING AND INVOICE DATE		SHIPPED VIA		PPD.	COLL.	PPD. CHG.	TERMS:	YOUR ORDER NO.	DATE ORDERED
JUNE 30/60		G.C.D.		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	1% 10 DAYS NET 30		June 2/60
QTY. B.O.	QTY. ORDERED	DESCRIPTION				QTY. SHIPPED	UNIT PRICE	AMOUNT	
	2	P7754 frames 9-12 tent				2	201.25 ⁰⁰	402.50	
	1	4-2 Coleman stove				1	59.70 ⁰⁰	59.70	
	1	321 Coleman				1	36.70 ⁰⁰	36.70	
	5	malware stoves				5	2.20 ⁰⁰	11.00	
	5	stoves				5	1.20 ⁰⁰	6.00	
	5	meigs				5	1.65 ⁰⁰	8.25	
	5	only parts				5	.52 ⁰⁰	2.60	
	5	stoves				5	.88 ⁰⁰	4.40	
	5	tempers				5	.35 ⁰⁰	1.75	
	2	colored covers				2	1.00 ⁰⁰	2.00	
	2	copy business				2	1.20 ⁰⁰	2.40	
	1	10 cup coffee pot				1	11.80 ⁰⁰	11.80	
	2	2 pt. containers				2	5.15 ⁰⁰	10.30	
	1	3 qt				1	5.85 ⁰⁰	5.85	
	1	1.57 Reg. pen				1	10.95 ⁰⁰	10.95	
	1	1.00				1	12.10 ⁰⁰	12.10	
	1	2 qt. metal container				1	1.95 ⁰⁰	1.95	
	5	70" 30" 3' propane				5	15.75 ⁰⁰	78.75	
	1	1/2" 1/2" nylon rope				100	10.20 ⁰⁰	1020.00 ✓	
	1	roll white paper				1	3.40 ⁰⁰	3.40 ✓	
	2	14" belt stove				2	109.00 ⁰⁰	218.00	
	40	14" belt stove				40	2.25 ⁰⁰	90.00 ✓	
	1	5 qt. metal can				1	14.10 ⁰⁰	14.10	
	1	1.50				1	1.50 ⁰⁰	1.50	
FEDERAL TAX		FEDERAL TAX NO.		PROVINCIAL TAX NO.		TOTAL		1,006.20	
INCL <input checked="" type="checkbox"/> EXCL <input type="checkbox"/>						PROV. TAX		410.25	
						FREIGHT/POST.		-	
						AMOUNT DUE		1,416.45	

FILE COPY

DEAKIN EQUIPMENT LTD.

831 POWELL STREET, VANCOUVER, B.C. V6A 1H7

TELEPHONE: 253-2685

INVOICE NUMBER

Nº 39100

INVOICE

S
O
L
D
T
O

for the Silver Line
Paul Stoverson

S
H
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P
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O

SAME

SHIPPING AND INVOICE DATE JUNE 30/80	SHIPPED VIA <i>C.O.</i>	PPD. COLL. CHG. <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	TERMS: 1% 10 DAYS NET 30	YOUR ORDER NO.	DATE ORDERED <i>June 30/80</i>
--	----------------------------	---	--------------------------------	----------------	-----------------------------------

QTY. B.C.	QTY. ORDERED	DESCRIPTION	QTY. SHIPPED	UNIT PRICE	AMOUNT
	2	<i>2 mm files</i>	2	<i>2.70 ea</i>	<i>540</i>
	1	<i>1 set S.T. wire 24:10</i>	1	<i>3.45 ea</i>	<i>345</i>
	2	<i>2 1/2 paint pulls</i>	2	<i>3.10 ea</i>	<i>620</i>
	2	<i>2 1/2 paint pull handles</i>	2	<i>6.90 ea</i>	<i>1380</i>
	10	<i>10 1/2" x 1/2" x 1/2" aluminum</i>	10	<i>1.15 ea</i>	<i>1150</i>
	12	<i>12 1/2" x 1/2" x 1/2" aluminum</i>	12	<i>1.15 ea</i>	<i>1380</i>

FEDERAL TAX INCL. <input checked="" type="checkbox"/> EXCL. <input type="checkbox"/>	FEDERAL TAX NO.	PROVINCIAL TAX NO.	TOTAL	<i>11165</i>
			PROV. TAX	<i>447</i>
			FREIGHT/POST.	<i>-</i>
			AMOUNT DUE	<i>11612</i>

FILE COPY

R & B SEYMOUR RENTALS

A DIVISION OF DESTOBEL ENTERPRISES
 154 RIVERSIDE DRIVE • NORTH VANCOUVER, B.C. V7H 1T9
 Phone: 929-4080

RENTAL AGREEMENT

RENTED TO G. M. M. Miner		DATE July 30/80	
ADDRESS 1650 Riverside		TIME OUT 11:00	A.M./P.M. <input checked="" type="checkbox"/> <input type="checkbox"/>
		TIME IN	A.M./P.M. <input type="checkbox"/> <input type="checkbox"/>
CAR LICENSE	DRIVER'S LIC.	PHONE No.	TO BE RETURNED ON
		077-3607	
TYPE OF EQUIPMENT AND/OR MATERIALS	RENTAL PERIOD	RATE	AMOUNT
Star Jack	6 days		

E. & O. E.

PLEASE TAKE NOTE:

An extra charge will be made if the equipment is not returned clean. Rental will be charged from the time equipment leaves our premises until it is returned to same. Sundays are charged as rental days. A day's rental is 8 hours. Up to 24 hours will be classed as 1 1/2 days unless otherwise specified. Monthly rates constitute 28 days. In case of failure of the equipment notify us immediately. No adjustment of any kind will be made unless above is complied with.

TAX	
DELIVERY	
PICK-UP	
TOTAL CHARGES	
DEPOSIT	100
BALANCE DUE RFD.	<input type="checkbox"/> <input checked="" type="checkbox"/>

I/We, the undersigned, do hereby rent and accept the above listed equipment and acknowledge that it is in good working condition and agree to pay a stipulated rental and agree to take care of all the said equipment and to use it in a proper manner and agree that in the event any of the rented equipment is lost or destroyed before it is returned, to promptly pay to the company the full value of such rented property, in cash, and if damaged or injured in any way, to pay an amount equal to the reasonable cost of repairing the same and further do hereby exonerate, indemnify and save-harmless the company from all claims or liabilities to all parties for damage or loss to me/us or any person, persons or property in any way arising out of or during the use of said equipment. It is agreed that upon failure to pay rent or if default is made in any of the other terms, hereof, the company may at once take possession of said rented equipment wherever the same may be found and remove the same, and the company or its agents shall in no way be liable for any claims, for damages or injury in the removal of said equipment. The renter declares to have examined the hitch, safety chain and all connections of said rental equipment to motor vehicle and to have received it in a secure condition.

It is understood that the rental commences as of the date hereof and ends only when the rented equipment is returned or delivered at the office or shop of the said company.

Equipment must be returned clean.

9803

CUSTOMER'S SIGNATURE

CASH PAYMENT ON RETURN OF GOODS UNLESS OTHERWISE ARRANGED

CUSTOMER'S COPY

Insect
Repellent

2.06

3.35

1.85

1 motor mount
 & batteries

NORM'S SPORT CENTER LTD.
 300 BAKER ST.
 NELSON, B.C. V1L 4H5
 CANADA

Date July 1 1980

M William M. Jones

SOLD BY	C.O.D.	CHARGE	ON ACCT	ACCT FWD
1		Camper		
2		Supplies		
3		Motor mount		
4		Batteries		
5		Gas		
6		Oil		
7		Becker		
8				
9				
10				
11				
12				
13				
14				
15				

50

REDIFORM 58523E

flagging

200208.46R 115
 210011.00 M 115
 200000.44 115

990011.43TL 115

Shovel handles
 & gloves for sampling
 HIFFERSON
 Nelson, B.C.

2767
 115 4714 115 4714

115 4784 01 115 4784

1 motor mount
batteries

NORM'S SPORT CENTER LTD.
300 BAKER ST.
NELSON, B.C. V1L 4H5
CANADA

Date: July 1, 1980

M- Adrian Mines

SOLD BY	C.O.D.	CHARGE	ON ACCT.	ACCT. FWD.
1		<u>Carriage</u>		
2		<u>Supplies</u>		
3		<u>Misc. hand. D.</u>		<u>58.27</u>
4		<u>Hardware</u>		<u>1.52</u>
5		<u>Gas</u>		
6		<u>Hardware</u>		<u>49.80</u>
7		<u>Water Pump</u>		<u>17.00</u>
8		<u>Propane</u>		
9		<u>Propane</u>		
10		<u>Propane</u>		
11		<u>Propane</u>		
12		<u>Propane</u>		
13		<u>Propane</u>		
14		<u>Propane</u>		
15		<u>Propane</u>		

50

REDIFORM - 58523E

flagging

Shovel handles
gloves for sampling

2767
1980/1/14/80

R: W. PHENDLER, P.Eng., GEOLOGICAL CONSULTANT,
EXPLORATION AND MINING
7360 DECOURCY CRES., RICHMOND, B.C. V7C 4E9 (604) 271-2588

July 18,1980

Canfic Silver Mines Ltd,
1090 1090 West Georgia Street,
Vancouver,B.C. V6E 3V7

Attention; Mr J. Dartnell

Invoice #134

Professional services of R.W.Phendler,P.Eng as follows:

Visit to Comstock-Virginia property on July 6,1980, attendance at meeting on June 30,1980 , check snow conditions and road access to property from Sandon on May 28,1980, general assistance in locating director, monitoring of program and preparation of progress report.

Equivalent of 4 days @ \$250.00 per day - - - - - \$1000.00

Recoverable expenses

July 14,1980 Assays Acme Labs \$ 67.75

\$1067.75

R. W. PHENDLER, P.Eng., GEOLOGICAL CONSULTANT,
EXPLORATION AND MINING
7360 DECOURCY CRES., RICHMOND, B.C. V7C 4E9 (604) 271-2588

February 1, 1981

Canfic Silver Mines, Ltd.
1090 - 109- West Georgia St.
Vancouver, B.C. V6E 3V7

I N V O I C E N O . 1 7 7

Professional Services of R.W. Phendler, P. Eng. for analyzing results of 1980 geochemical and geophysical program, preparation of letter report dated January 18, 1981 and conference on January 28, 1981.

Equivalent of 4 days time at \$300/day.....	\$1,200.00
<u>Recoverable expenses</u>	
Typing of report.... 1 hr. @ \$9/hr.....	<u>9.00</u>
TOTAL = \$,209.00	

*pd by cheque # 168
Feb 16/81
R.W.*



EDWARD LIPSETT LTD.

'Serving Vancouver since 1891'

Post Office Box 1239, Station 'A'
Vancouver, B.C. V6C 2T1 CANADA

telephone: 604-980-6725

EXPLORATION REPORT

ON THE

LINDSAY CLAIMS

FOR

CANFIC SILVER MINES LTD.

BY ✓

J. PAUL STEVENSON

NORTH VANCOUVER, B.C.

NOVEMBER 4, 1980



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Introduction

At the request of Mr. James Dartnell the writer staked the Lindsay mineral claims in the Kaslo area. Subsequently at the request of Mr. Dartnell, the writer provided the means for an exploration program on these claims, now owned by Canfic Silver Mines Ltd. The writer made several visits to the property and left a qualified man in charge of the project. A soil sample survey and an EM16 survey was completed. The middle adit on the crown grants was also opened. All work was subject to approval by Mr. Roy Phendler P. Eng, the company's consultant.

Location and Access

The Lindsay claims, including crown grants Virginia, Comstock, and Erie, are located at an elevation of 2,200 meters about 100 kilometers north of Nelson, in the Slocan Mining District. Access is by helicopter from the north or south. Okanagan Helicopters has a 206 B Jet Ranger based at Nelson, B. C. The south approach is the approach originally used. Access is by the Glacier Park access road on Keen Creek, thence by helicopter up Long Creek. A shorter access has been located. Road access now exists to upper Cody Creek and could be extended onto the claims.

Property Ownership

The Lindsay property consists of five mineral claims and three crown grants as below:

Lindsay 1

Lindsay 2

Lindsay 3

Lindsay 4

Lindsay 5

Crown Grant 1027

Crown Grant 1028

Crown Grant 1029

Canfic Silver Mines now owns the Lindsay claims and holds the crown grants under option from Mr. Frank Juhan.

Geochemical Soil Survey

Approximately 20 line kilometers was surveyed by acceptable sampling technique. The soil development is typical of alpine regions with poor strata development, wherever possible the top of the B horizon was sampled. The samples immediately north of and downslope from the portals are to be considered contaminated. The soil samples were delivered to Chemex Labs Ltd. in North Vancouver, B. C. The samples were dried, sorted, and sifted to -80 mesh. Results for Ag, Cu, Pb, Zn were obtained by atomic absorption testing. A total of 1374 soil samples were taken.

680 for Ag Pb Zn in this report.
Tx.

Rock Geochemistry

The middle adit was chip sampled at 3 meter intervals. All sample locations were marked with red spray paint. A rock sample was taken at location 53N + 28W which appeared to contain sulphide (PbS) mineralization. Unfortunately this sample was removed from the truck.

Summary and Conclusions

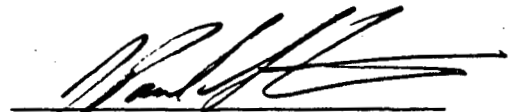
It is obvious that the area of interest on the Lindsay Group is much more extensive than the original showing. We can safely assume that more than one structure exists and that more work on the claims is necessary. The enclosed maps indicate three districts of interest and several prospective drill targets. It is apparent that some detailed geology is necessary and that development of this property will entail more "grass roots" exploration.

Disclaimer

The writer of this report is not a professional Engineer, nor is he associated with an engineering firm. All future work

should be undertaken only after the data has been reviewed by an engineer and the engineer has outlined a specific program for the property.

Respectfully submitted,

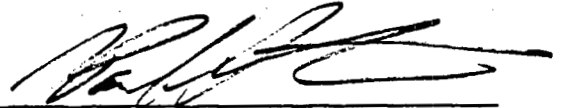
A handwritten signature in black ink, appearing to read "J. Paul Stevenson", written over a horizontal line.

J. Paul Stevenson

Certificate

I, J. Paul Stevenson of 1650 Riverside Drive, North Vancouver, B. C. do hereby certify:

- (1) That I have been involved in mineral exploration since 1965.
- (2) That I have been engaged in prospecting and development in B.C., the Yukon, and the Northwest Territories.
- (3) That this program was managed by myself and that the party chiefs were qualified to direct the day to day work.
- (4) That I am not a professional engineer or professional geologist.
- (5) That I do not own any shares of Canfic Silver Mines Ltd. directly or indirectly.



J. Paul Stevenson, Prospector

3
 38 37 24 28 8 20 8 14 16 20 12 34 22 8 22 9 24 42 24 6 14 38 12 20 12 10 10 8 22 14 27 16 20 10
 6 10 20 14 8 6 24 20 8 14 22 14 14 18 14 14 14 18 14 10 8 10 24 8 16 14 12 12 12 16 18 10 10 14 6 10 8 16
 22 12 30 10 14 12 12 13 16
 17 10 12 22 16 20 16 14 8 22 16 14 14 4 8 14 14 6 12 6 22 44 8 6 20 8 16 8 6 12
 12
 18 12 8 10 12 10 14 32 20 16 10 10 2 10 34 32 20 6 2 20 2 4 12 12 14 18 52 22 22 34 10 15 18

CANFIC SILVER MINES LTD.
KASLO AREA
SOIL GEOCHEMISTRY
FOR
LEAD

100 M
 SCALE IN METERS
 1:5000
 MAP REFERENCE
 82 F / 14 E

9433

1500
 440
 350
 18
 16 32 10 14 12 8 10 6 8 10 8 12 26 10 8 22 6 10 28 32 38 12 10 6 6 26 10 12 32 20 10 10 0 30 37 14 8 6
 34
 8 6 14 16 12 10 12 4 6 12 6 4 4 6 46 14 18 14 8 10 12 10 8 12 12 12 10 10 2 5 17
 21
 20 12 28 6 16 10 12 8 28 16
 14 14 10 12 16 14 12 24 54 22 14 8 8 10 20 14 6
 26
 4 6 7 10 7 6 16 20 10 12 4 8 6 58 7 8 16 10 8 4 16 12
 4 8 6 6 9 6 5 6 8 9 20 10 5 5 6 5 6 4 6 6 12 4 6 4 8 16 12 8 8 5 5 6 12 10 10
 10
 12 6 4 8 5 6 8 6 8 8 8 6 10 10 14 10 6 2 5 12 10 6 10 8 9 12 8 10 6 12 8 8 5 9 6 6
 8
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 15
 8 8 12 10 4 10 20 12 6 6 14 6 8 6 8 8 5 4 2 5 7 5 5 5 5 5 6 10 10 6 9 8 14 4 6 5
 25 E 28 27 25 27 32 E 31 32 33 34 35 E

CANFIC SILVER MINES LTD.
SOIL GEOCHEMISTRY
FOR
SILVER

LABORATORY REPORT

9433

NO.

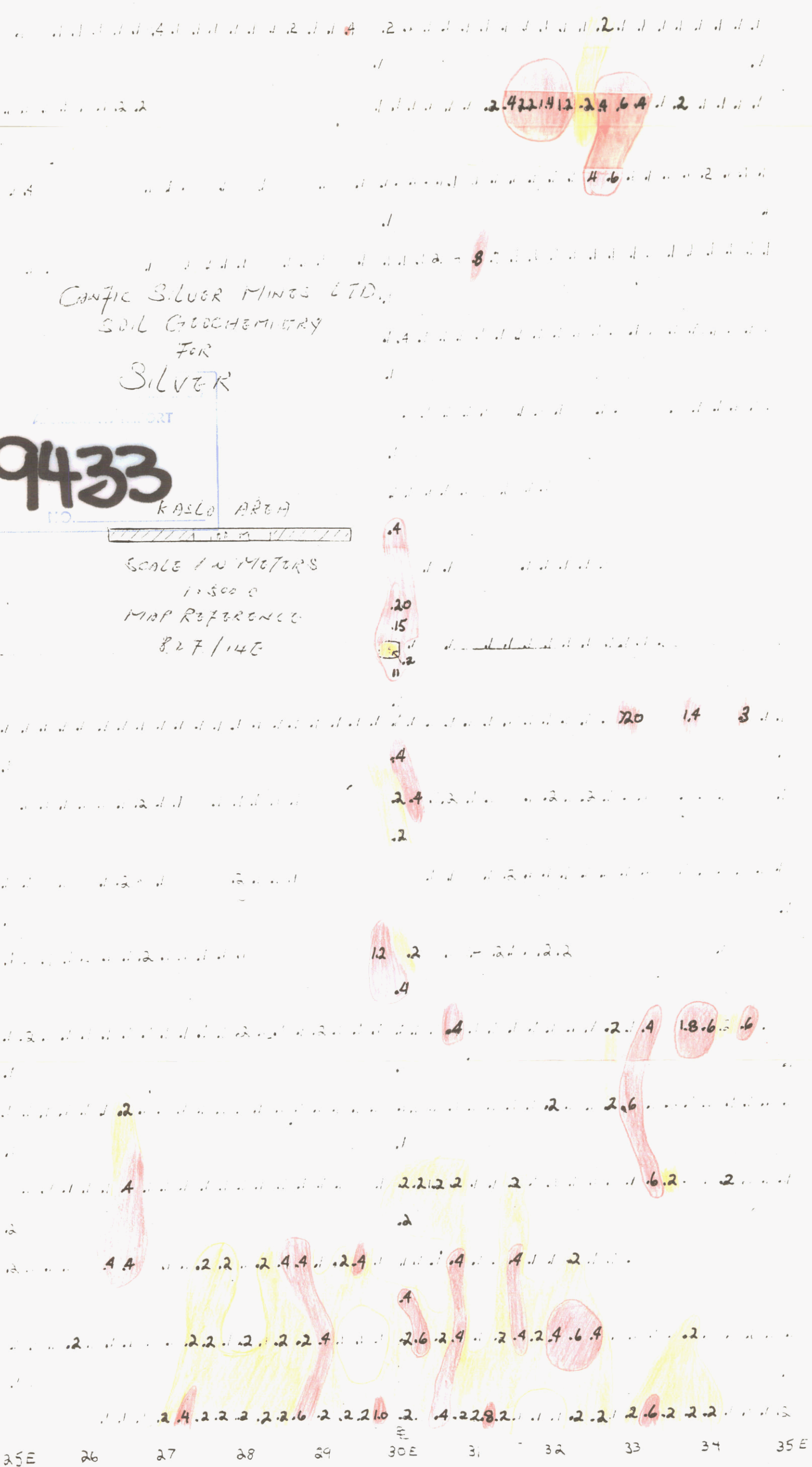
KASLO AREA

SCALE 1:25 METERS

1:5000

MAP REFERENCE

827/14E



38 48 47 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

8 76 88 56 104 110 94 82 66 64 56 106 88 70 50 28 54 89 60 44 32 90 54 59 106 54 68 104 28 60 90 106 88 108 68 64 110 88

38 44 52 106 58 36 30 38 80 28 26 16 24 48 44 44 90 50 74 54 56 30 38 56 68 46 36 92 52 28

36 14 74 22 80 70 130 146 62 54 52 200 18 94 28 16 74 104 108 38 182 102 90 72 40 48 76 76 36 70 44

50 12 12 30 24 44 48 32 150 80 200 280 78 54 150 74 86 70 30 46 44 6 38 50 98 82 30 6 72 88 88 36 94

CANADIAN SILVER MINES LTD.
SOIL GEOCHEMISTRY
FOR
ZINC

157 78 36 126 62 32 8 54 54 38 88 94 68 56 52 72 40 56 6 55 90 35 79 38 12 50 46 78 46 92 98 190 98 86 152 102 124 106 102

KASLO AREA
SCALE IN METERS
1:5000
MAP REFERENCE
827/14E

9433

3800 230 2100 1600 134 194 86 86 178 320 168 184 260 60 174 118

110 40 90 80 64 58 28 58 28 76 76 70 66 44 56 108 50 44 62 24 280 66 74 54 76 126 16 126 94 68 180 142 360 46 136 57 116

72 26 12 102 92 50 84 52 106 90 72 52 16 22 42 350 114 56 88 70 96 78 40 88 82 54 78 116 142 154 148 66 56

120 144 38 110 116 124 54 100 54 156 50 140 66 48 158 12 158 140 76 138 08 146 56 146 84 146 82

64 54 76 66 88 122 96 94 84 160 38 24 58 500 138 86 54 52 8 20 148 44 76 66

54 82 56 22 52 42 60 36 38 28 52 60 166 86 106 102 124 16 150 38 40 110 20 48 8 38 36 22 26 40 40 78 112 86 84 126 22 78 82 76 14

102 90 36 78 132 118 70 50 68 60 90 90 78 56 136 62 54 52 26 22 130 110 66 70 54 52 78 64 52 46 90 66 72 90 86 106 96 94 96 58 62 94

54 52 54 52 38 46 134 78 140 250 178 102 158 158 102 28 126 34 86 66 120 80 66 44 128 148 126 130 88 12 66 56 10 52 130 164 24 80 84 64

46 20 26 22 154 90 112 190 170 102 84 104 136 90 72 100 140 74 200 6 28 36 28 34 62 112 128 30 70 84 104 124

6 28 6 40 68 130 128 116 44 56 92 98 118 196 460 736 340 148 130 144 118 168 138 92 114 110 128 96 138 325 146 140 116 125 22 48 176 82 38 74 58 148 58

52 86 96 78 62 86 44 38 72 168 136 96 98 130 260 290 162 78 280 230 174 68 62 56 72 26 38 98 18 34 150 180 68 118 154 30E 31 32 33 34 35E

GEOPHYSICAL REPORT
ON THE
LINDSAY CLAIMS

by DAVID S. COOTE
GEOPHYSICIST

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Introduction

This report discusses the survey procedure, compilation of data, and the interpretation of a very low frequency electro magnetic (VLF-EM) survey carried out on the Lindsay group during the 1980 field season. Approximately 20 line kms were surveyed.

The primary purpose of the VLF-EM survey was to locate potential veins and structures for localizing mineralization. The lines were run across strike of the one known structure.

Instrumentation and Theory

A standard ^{Geonics} VLF-EM Receiver ⁻¹⁶ was used for the survey. This instrument is designed to measure the magnetic component of a very low frequency (VLF) electromagnetic field. The U. S. Navy submarine transmitter located at Seattle, Washington and transmitting at 18.6 KHz was used.

In all electromagnetic exploration, a transmitter produces an alternating magnetic field (primary) by a strong alternating current usually through a wire coil. If a conductive mass such as a sulphide body is within this magnetic field, a secondary alternating current is induced within it which in turn induces a secondary magnetic field that distorts the primary magnetic field. It is this distortion that the EM receiver measures. The VLF-EM uses a frequency range from 16 to 24 KHz whereas most EM instruments use frequencies ranging from a few hundred to a few thousand Hz. Because of its relatively high frequency, the VLF-EM can pick up bodies of a low conductivity and therefore is more susceptible to clay beds, electrolyte-filling fault on shear zones and porous horizons, graphite, carbonaceous sediments, lithological contacts as well as sulphide bodies of too low a conductivity for the other EM methods to pick up.

Consequently, the VLF-EM has additional uses in mapping structure and in picking up sulphide bodies of too low a conductivity for conventional EM methods and too small for induced polarization. However, its susceptibility to lower conductive bodies results in a number of anomalies, many of them difficult to explain and, thus, VLF-EM preferably should not be interpreted without a good geological knowledge of the property and/or other geophysical and geochemical surveys.

Survey Procedure

The VLF-EM survey was run on a grid in which the lines run at 120° - 300° at 100 meter intervals from a baseline running on strike with the initial view at 30° . Readings were taken every 25 meters and stations are marked with survey flagging with co-ordinates marked with felt pen. Care was taken in regard to technique to compensate for the steep terrain. Some areas were not surveyed due to steep cliffs. All readings were taken facing Seattle.

Compilation of Data

The readings were reduced by applying the Fraser Filter and plotted at a scale of 1:5000. Filtered data, as shown on the accompanying map are plotted between the reading stations. The positive filtered values were contoured at intervals of 5° starting at 5° .

The Fraser Filter is essentially a 4-point difference operator which transforms zero crossings into peaks, and a low pass smoothing operator which reduces the inherent high frequency noise in the data. Therefore, the noisy, non-contourable data are transformed into less noisy, contourable data. Another advantage of this filter is that a conductor that does not show up as a cross-over on the unfiltered data quite often will show up on the filtered data.

Discussion of Results

The major cause of VLF-EM anomalies, as a rule, are geologic structures such as a fault, shear and breccia zones. It is therefore logical to interpret VLF-EM anomalies to likely be caused by these structural zones. It is generally accepted that when VLF-EM anomalies correlate with sulphide mineralization the anomalies are usually reflecting the structure associated with the mineralization rather than the mineralization itself.

On the survey grid three main structures or trends are outlined. All three of these structures are parallel to the strike line of the discovery vein. Anomalies of higher intensity are found within these structures which may be significant.

Structure 1 : This anomaly runs along the west edge of the grid. Since these anomalies are not closed off completely, a future survey should be extended to the west.

Structure 2 : This long narrow structure runs through the middle of the grid almost parallel to the baseline. This anomaly disappears between lines 53N and 56N probably due to the increase in overburden. The most interesting part of the anomaly lies between lines 45N and 46N. This area should be investigated further. On line 41N there is a small large intensity anomaly, however due to insufficient data (because of cliffs) the significance cannot be fully assessed.

Structure 3 : This structure lies on the eastern side of the grid. Between 46N and 49 there is no data. On line 55N & 34E and 41N & 32E anomalies of higher intensity occur. These anomalies should definitely be followed up.

Summary


It is apparent that this property warrants further work. Exploration of the many VLF-EM anomalies and soil anomalies (discussed elsewhere in this report) on the existing grid should be a priority. These low cost techniques should be extended over other areas of the property. The fact that two of the three main structures generally coincide with soil geochemistry is very significant. A future VLF-EM survey to the west would close off the existing western anomolous structure.

Certificate

I, David S Coote do hereby certify:

- (1) That I am a practicing geophysicist with offices at 1451 Lennox, North Vancouver, B. C.
- (2) That I am a graduate of the University of British Columbia (1972) and hold a BSc degree in Physics, Geophysics.
- (3) That I have been practicing my profession in B. C., the Yukon and Northwest Territories, and Europe for nine years.
- (4) That this report is compiled from data provided to me by Edward Lipssett Ltd.
- (5) That I do not hold any interest in Canfic Silver Mines Ltd. or the Lindsay claims at this time, nor do I expect to receive any interest as a result of writing this report.

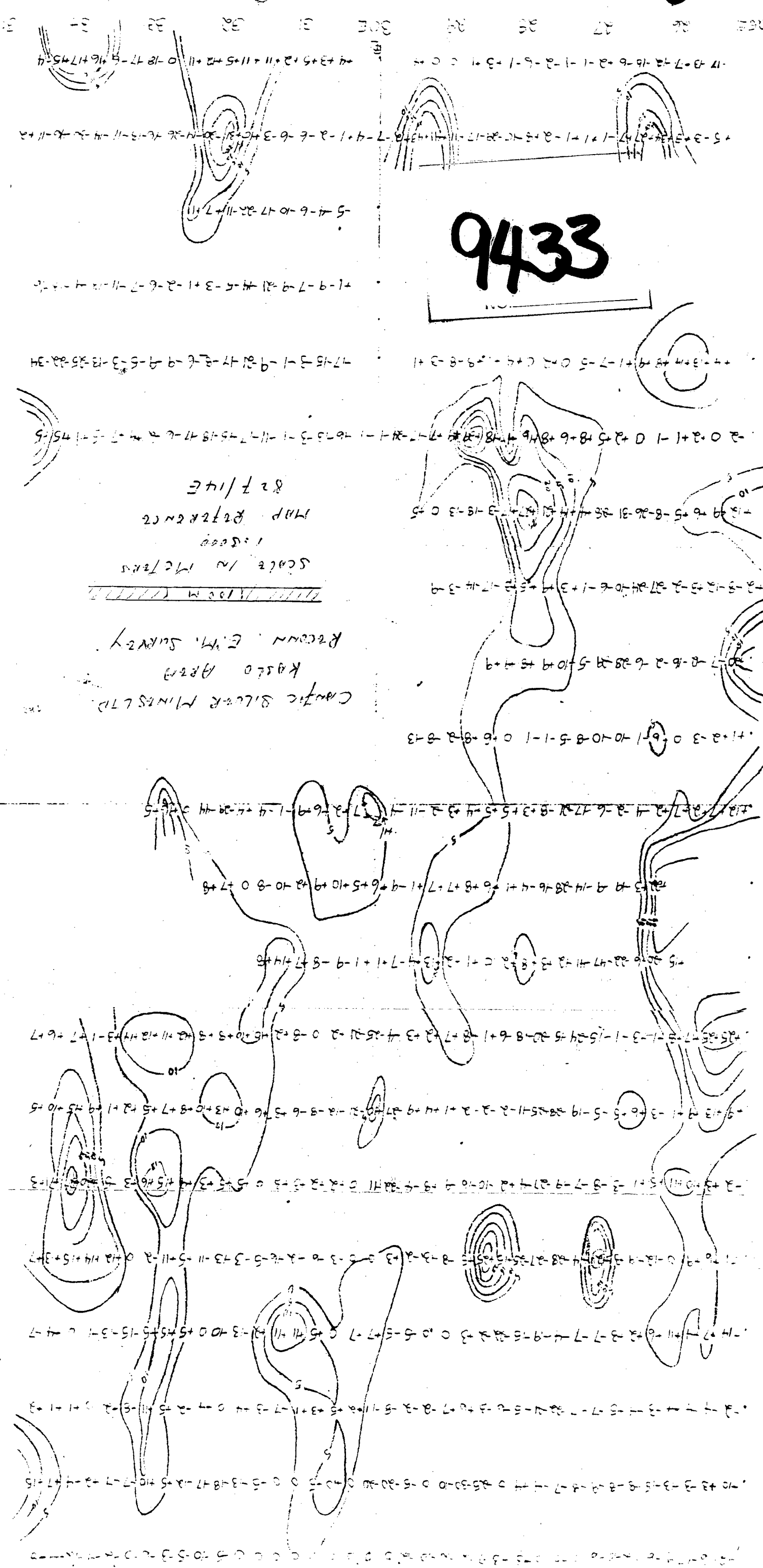
Date: October 9, 1980



David S. Coote
Geophysicist

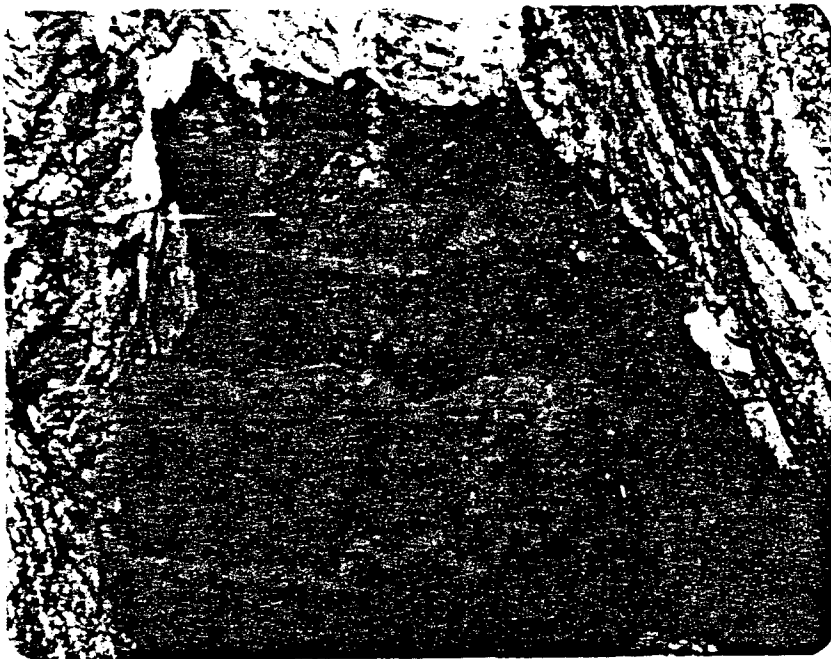
9433

CANTIC SILVER MINES LTD.
KASLO AREA
RECON. E.M. SURVEY
SCALE IN METERS
1:5000
MAP REFERENCE
827/14E

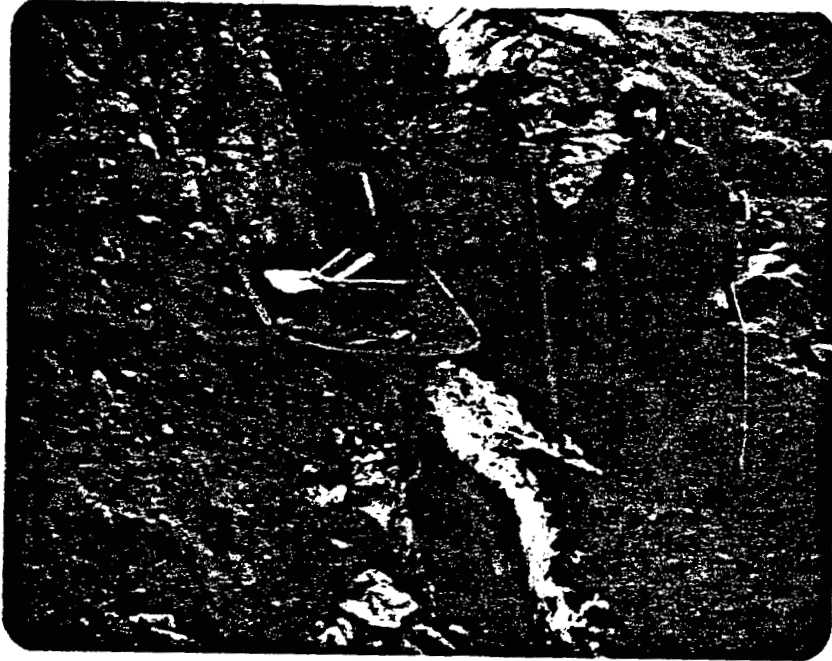




Inside the middle adit



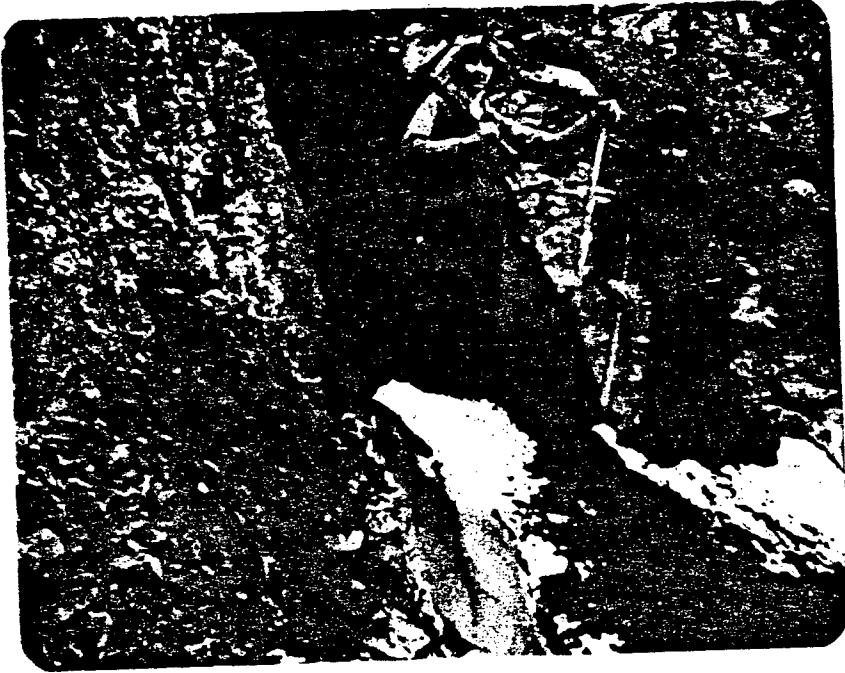
high grade vein exposed



Wheel barrow of
high grade



view of valley from
the adits



Opening the middle adit



R.W. PHENDLER, P.Eng., GEOLOGICAL CONSULTANT,
EXPLORATION AND MINING
7360 DECOURCY CRES., RICHMOND, B.C. V7C 4E9 (604) 271-2588

January 18, 1981

The Directors,
Canfic Silver Mines, Ltd.
1090 - 1090 W. Georgia St.
Vancouver, B.C. V6E 3V7

Gentlemen:

Re: Report on 1980 Program -
Comstock - Virginia Property.

The 1980 exploration program consisted of geochemical and geophysical work and the rehabilitation of the 185' (56 meters) long middle adit, as per the recommendations in my report of May 16, 1980.

The surveys were conducted over approximately 20 kilometers (12 miles) of grid lines that covered an area 2 kilometers long by one kilometer wide, the long dimension striking northeast or parallel to the Comstock - Virginia vein. Geochemical samples and electromagnetic readings were taken at 25 meter intervals on the 100 meter spaced lines and soil samples were assayed for Ag, Pb, Zn and Cu.

SILVER - The presence of three anomalous areas were disclosed in the survey which warrant more detailed study. The portal area showed anomalous soil conditions over a strike length of 200 meters with an additional 100 meters indicated about 50 meters to the south.

The north anomaly measures about 200 meters by 50 meters with 5 anomalous soil samples and does not appear to be an extension of the principal Comstock - Virginia vein. Intermediate lines should be sampled to the north and south.

The south anomalous area consists of a number of northeasterly striking bands of anomalous values that cover about 600 meters by 300 meters. Additional sampling on intermediate lines and new cross lines to the south is required.

LEAD - The portal area where the Comstock - Virginia vein is located is clearly shown as a lead anomaly extending for 300 meters in a northeasterly direction. This anomaly is co-incident with the silver anomaly and shows the strength of the vein.

....2

A number of isolated samples show anomalous conditions for lead in the general north area and appear to be unrelated.

The south area shows three anomalous values, only one of which is co-incident with an anomalous silver value. Lead is considerably less mobile than silver and may not have been dispersed, if present in the area at all.

ZINC - The portal area anomaly is present, similar to that for silver and lead. Two hundred and fifty meters to the southeast are a number of anomalous values for zinc. This anomaly is evident on two adjacent lines and is co-incident with anomalous values in lead and silver and shall be designated the east zone.

The south zone is evident with a similar pattern to that shown for silver but much less extensive. Additional geochemical sampling is required as is some prospecting and mapping.

GEOPHYSICS

A very low frequency electromagnetic (VLF - EM) survey was conducted over the 20 kilometer grid. Four anomalies (conductors) were discovered, none of which overlie the Comstock - Virginia vein. In general, the major causes of anomalies are faults, shear zones or breccia zones, which may or may not be associated with mineralization.

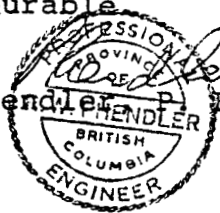
Of the four anomalies discovered, only one (south area) is co-incident with a geochemical anomaly. The other E-M conductors lie

- (1) on the west edge of the grid (no geochemical anomalies)
- (2) on the west part of the grid an elongated zone parallels the Comstock - Virginia vein and lies 150 meters to the west. This probably is related to a strong fault zone (no geochemical anomaly).
- (3) A conductor was discovered on the northeast edge of the grid. No geochemical anomalies are located there but a weaker subsidiary conductor lying 100 meters to the west is co-incident with a major silver geochemical anomaly.
- (4) Two isolated, small, but intense conductors were found on the south limit of the grid that coincide with both silver and zinc anomalies. Additional geochemical and E-M work is recommended to the south.

CONCLUSIONS

The geochemical survey was successful in that it showed the Comstock - Virginia vein to have a strike length of at least 300 meters. Additional anomalies in both silver and zinc were discovered which warrant additional exploration and in addition, more work is required to the south.

It appears that the Comstock - Virginia vein is associated with a relatively weak conductive zone, indicating that the most favourable place to explore for new veins is over geochemical anomalies co-incident with conductors of moderate intensity. The north silver anomaly appears to be most favourable.


R.W. Phendler
R.W. Phendler P. Eng.
A circular professional seal for R.W. Phendler, a Professional Engineer in British Columbia. The seal contains the text "PROFESSIONAL ENGINEER", "PROVINCIAL", "R.W. PHENDLER", "BRITISH COLUMBIA", and "ENGINEER". There is a handwritten signature over the seal.

STATEMENT OF QUALIFICATIONS

I, J. Paul Stevenson, do certify:

- (1) That I have been engaged in various aspects of mining exploration since 1965,
- (2) That over the past seven years I have directed and have been responsible for numerous exploration and development programmes,
- (3) That all work was conducted in a professional manner and has been approved by R. Phendler, P.Eng.,
- (4) That all costs can be verified with receipts and invoices.

Respectfully submitted May 8, 1981.


J. Paul Stevenson

C. DRILLI

D. GEOLC

24K1
OPEN

(regulations.)
(report.)

COST

(or 7 of regulations.)
(report.)

id. vein \$22,000.00
TOTAL OF C AND D \$22,000.00

Who was the operator (provided the financing)?

Name CANFIC SILVER MINES LTD
Address 1090 West GEORGIA ST.
VANCOUVER, B.C.

Portable Assessment Credits (PAC) Withdrawal Request

Amount to be withdrawn from owner(s) account(s):

Name of Owner		AMOUNT
(May be no more than 30 per cent of value of the approved work submitted as assessment work in C and (or) D.)	1.	
	2.	
	3.	
	4.	
TOTAL WITHDRAWAL		
TOTAL OF C AND (OR) D PLUS PAC WITHDRAWAL		

I wish to apply \$ ~~2100~~ 9,100.00 of this work to the claims listed below.

(State number of years to be applied to each claim, its month of record, and identify each claim by name and record no.)

LINDSAY 1 APRIL 1 year 1880 1680
 LINDSAY 2 APRIL 1 year 1881 2000
 LINDSAY 3 APRIL 1 year 1882 2000
 LINDSAY 4 APRIL 1 year 1883 1500
 LINDSAY 5 APRIL 1 year 1884 2000

Value of work to be credited to portable assessment credit (PAC) account(s).

(May only be credited from the approved value of C and (or) D not applied to claims.)

Name		AMOUNT
In owner(s) name	1. CANFIC SILVER MINES LTD	12,900.00
	2.	
	3.	
In operator(s) name (party providing the financing).	1.	
	2.	
	3.	


(Signature of Applicant)



Province of British Columbia
 Ministry of Energy, Mines and Petroleum Resources
 MINERAL RESOURCES BRANCH-TITLES DIVISION

SUB-RECORDER
 RECEIVED
 APR 15 1981
 M.R.# S.....
 VANCOUVER, B.C.

MINERAL ACT
 FORM 1

NOTICE TO GROUP

Mining Division SLOCAN Location KASLO
 Name of group COMSTOCK GROUP Map No. 82F.14E

We, the undersigned owners* of the following adjoining claims, desire to group them according to the provisions of the Mineral Act:-

NAME OF CLAIM	No. of Units	Record No.	Month of Record	SIGNATURE OF OWNER*	Free Miner Certificate No.
LINDSAY 5	20	1884	4		
LINDSAY 9	15	1883	4		
LINDSAY 3	20	1882	4		
LINDSAY 2	20	1881	4		
LINDSAY 1	16	1880	4		
CROWN GRANT COMSTOCK 1		L1027			
CROWN GRANT VIRGINIA 1		L1028			
CROWN GRANT ERIE 1		L1029			
				CANFIL SILVER MINES LTD	
		AGENT			208873

* May be signed by agent on behalf of owner.