

MAP No.

105 K 16

ASSESSMENT REPORT  
N. M. E. A. P.  
CONFIDENTIAL  
OPEN FILE



TYPE OF  
WORK:

COST STATEMENTS FOR  
DRILLING ETC.

REPORT FILED UNDER	CIMA RESOURCES LTD.	DOCUMENT NO.	091710
DATE PERFORMED	1977	DATE FILED:	1977
LOCATION - LAT.	62° 68' N	AREA:	
LONG.	132° 14' W		
CLAIM NO.	LAD CLAIMS		
VALUE \$			
WORK DONE BY			
WORK DONE FOR	CIMA RESOURCES LTD.		
REMARKS	<p>Geologic information includes a deposit cross section, drill logs and assay results. The mineralization consists of pyrrhotite, pyrite, galena sphalerite and chalcopyrite contained with a vein fault in quartzite. Two parallel veins are present one being 4' wide with 4 oz/ton Ag, 5.26% Pb and 4% Zn and the other being 7' wide with 1 oz/ton Ag, 4% Pb and 2% Zn.</p> <p>#51 LAD</p>		

WAYLAND S. READ, B.SC., P.ENG.  
CONSULTING GEOLOGIST

AREA CODE 604-TELEPHONE 743-2279

881 CHERRY POINT ROAD, COBBLE HILL, B.C. V0R 1L0 CANADA

October 3, 1977.

Mr. R. G. Ronagham,  
Mining Recorder,  
Mayo Mining District,  
P. O. Box 10,  
Mayo, Yukon Territory.  
Y0B 1M0

OCT 03 1977

MAYO MINING DISTRICT  
RECORDS

Dear Mr. Ronagham:

Re: Assessment Data Lad Group, Hess Ventures  
(105K16) Lad 11, 12, 19-26, 47-62, 65-75, 88, 90, 100  
102, 114 (42)

Please find attached drill sections and logs for diamond drill holes 77-1 and 77-2 with assay results and grid co-ordinates, to locate the hole collars in relation to claim boundaries, and data previously filed.

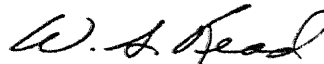
Also enclosed are grouping forms and Assessment Form 'C', along with cheque for covering applications to group and assessment filing fees for 78 claim years, as specified.

List of personnel on the project and dates as invoices:  
W.S. Read, P.Eng. (B.C. & Yukon) 14,15 July, 12-20 Aug, plus five and one half days Aug. & Sept. Address Cobble Hill, B.C.  
R. Warke, Drill helper 12-18 Aug. Address West Vancouver, B.C.  
J. Graham, Driller 13-18 August. Address Whitehorse, Yukon

Statement of Costs:

Invoice Sept.1977 Labour and expenses itemized with key covering invoices	\$7,535.45
Assaying	74.00
Radio rental pro-rated \$450.00 x 1/3	150.00
Telephone (estimated)	50.00
	<u>50.00</u>
	\$7,809.45

Yours very truly,



W. S. Read, P.Eng.

27



# INVOICE

Tel. (604) 985-0648

Telex 043-52597

CHEMEX LABS LTD. 212 BROOKSBANK AVENUE, NORTH VANCOUVER, B.C. CANADA V7J 2C1

Cima Resources Ltd.

DATE Sept. 8, 1977

905-355 Burrard St.

INVOICE NO. 21740

Vancouver, B. C.

CERTIFICATE NO. 32930

ATTN. W. Read

ITEM	DESCRIPTION	SUB-TOTAL	TOTAL
4	Assayed for Pb, Zn, Ag, & Au @ \$18.50/sample	\$74.00	LAD
8	Assayed for WO <sub>3</sub> @ \$9.00/sample	72.00	
		\$146.00	\$146.00

TERMS—NET 30 DAYS

76-040

1½% Per Month (18%) Per Annum Charged on Overdue Accounts

**TRAEGER** DISTRIBUTORS LTD.

#102 - 5600 CEDARBRIDGE WAY  
RICHMOND, B.C. V6X 2A7  
TELEPHONE: (604) 278-1541

July 18, 1977.

C.I.M.A. Resources,  
851 Cherry Point Road,  
Cobble Hill, B.C. V0R 1L0.

Attention: Mr. W.S. Read

Dear Sir:

Further to your recent telephone conversation concerning the Traeger SSB50C single side band unit, the normal minimum rental period is four months at a rate of \$144.57 per month.


To economically justify preparation, etc., we can provide a set with 4441 (camp) plus a B.C. Telephone channel for \$350.00.

Due to the high risk of breakage, antennas are not rented and are priced at \$50.00 each. Therefore, your total outlay would be \$450.00 rather than the normal \$678.28.

As discussed, an alternative would be outright purchase at \$2126.00 plus antennas for a total of \$2226.00, or rent as above with 100% applied to purchase or lease after the two months.

Delivery is 2 to 3 days. As part of our service, we would be pleased to assist in licencing.

Yours truly,

  
Stan Gericke

SG/ma  
Enclosure



**TRANS NORTH TURBO AIR LTD.**  
 BOX 4338 WHITEHORSE YUKON T1A 3T8  
 TELEPHONE (403) 688 2177 • TELEX 036 8 290

ACCOUNT NUMBER	21572
INVOICE DATE	
ISSUED BY	W.S. Read Ltd
BILLING ADDRESS	251 - Cherry Pt Road Cresthill BC
FLIGHT DATE	180877
PURCHASE ORDER NO.	

INTL	CUST	TOTAL FUEL USED	WTS. GALS.	FROM
✓			1.8	

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT LBS.
ROSS RIVER					
PRULMONI - CAMP MOUNT		1.8			
LAD					

*Paid by cheque  
# 21307*

SUB	G.L.	AMOUNT
		1.8 @ 275 495 00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

W.S. Read  
 CHARTERER'S SIGNATURE  
 P. Ruchtel  
 PILOT'S SIGNATURE  
 P. Ruchtel  
 ENGINEER'S NAME

TOTAL \$ 539.00

FLIGHT REPORT  
INVOICE

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FLIGHT REPORT  
INVOICE

THE WELCOME INN \*

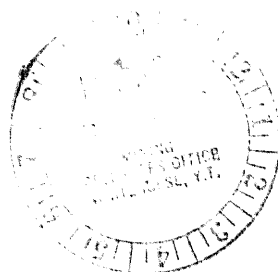
ROSS RIVER, Y.T.  
Phone 539-2218

THE WELCOME INN \*

ROSS RIVER, Y.T.  
Phone 539-2218

Room 11  
 Name W.S. Read  
 Date 8/18/77  
 Amount Paid 495.00  
 Clerk  
 Room 113  
 Amount Paid 495.00  
 Clerk  
 THIS IS YOUR RECEIPT - THANK YOU!  
 JR RECEIPT - THANK YOU!

ALBERTA DIAMOND DRILLING LTD.  
104 ROXBOROUGH ROAD  
WATHERIDGE, YUKON



INVOICE #1967  
October 26, 1977

I. ACCOUNT WITH:

Grandex Resources Ltd.,  
Suite 202, 900 West Pender Street,  
Vancouver, B.C.

Drilling charges for the FUG group of claims

Mobilization

Re: clause 19 of contract, 1/2 x \$2500.00 = \$2,250.00

Moving in and setting up on first hole

264 man hours @ \$19.89 per hour = \$4,184.40

31 machine hours @ \$23.00 per hour = \$723.00 \$4,907.40

Helicopter

0.6 hours @ \$297.00 per hour = \$ 178.20 \$6,085.60

Hole: #77-1 x 90° x B1

Overburden

0 - 14 = 14 feet @ \$17.50 per foot = \$ 245.00

Core Drilling

14 - 252 = 238 feet @ \$17.50 per foot = \$4,165.00

Standby - machinery breakdown due to terrain

35 man hours @ \$19.89 per hour = \$ 887.65 \$5,297.65

Hole: #77-2 x 90° x B1

Moving

42 man hours @ \$15.89 per hour = \$ 665.70

4 machine hours @ \$23.00 per hour = \$ 92.00 \$ 757.70

Overburden

0 - 14 = 14 feet @ \$17.50 per foot = \$ 245.00

Core Drilling

14 - 500 = 486 ft. @ \$17.50 per foot = \$8,505.00

500 - 575 = 75 ft. @ \$18.50 per foot = \$ 1,387.50 \$9,892.50

Standby - waiting to move

16 man hours @ \$19.89 per hour = \$ 318.24 \$11,156.80

Core Boxes

38 only B1 core boxes @ \$6.00 each = \$ 228.00

Core Splitter Rental

19/30 x \$25.00 = \$ 47.50

Page 2

Invoice #1967 - Brennox Resources Ltd. - Cont'd

Core Splitter - taken by George King, not yet returned.

(Credit will be given when core splitter is returned)

\$ 329.20

Dembilization

Re: clause 1b of contract.  $1/2 \times \$2500.00 =$

\$1,250.00

Moving of last setup and packing up

142 man hours @ \$15.25 per hour =

\$2,175.70

27 machine hours @ \$25.00 per hour =

675.00

14,175.70

TOTAL

\$27,600.20

Less Deposit

25,000.00

TOTAL INVOICE

\$2,600.20

# Diamond Drill Hole Record

Co-Ordinates of Collar

 Hole No. 77-1

 N 34+89 E 27+91

 Location SHOWING L, LAD 22 CLAIM (105K16) Incline -52°

 Started 14 AUG. 1977

 Direction S 45° W

 Finished 15 AUG 1977

 Depth 17.3 FT.

 V.D. 14.0' Elev. Collar 4,000 FT. ± (FROM CLAIM MAR)

Run	Rec.	SECTION		LOG	SAMPLE			ASSAY					
		From	To		No.	From	To	Au oz/t.	Ag oz/t.	Pb. %	Zn. %		
2.7	0	0	2.7	CASING									
		2.7	4.0	HEAVY SULPHIDES, INCLUSION CONTACTS	66813	2.7	6.5	0.003	3.94	5.26	4.70		
1.6	1.6			30° TO CORE. BANDING IN SULPHIDES	66814	6.5	13.4	10.003	0.90	0.13	0.10		
2.3	1.4			35° TO CORE. PYR., SPH., GALENA.									
1.5	1.8			HEAVY PYRRHOTITE WILL DRAW MAGNET.									
2.1	1.8	4.0	4.3	FAULT ZONE - QUARTZITE FRAGMENTS									
3.4	1.8			CEMENTED WITH BROWN IRON OXIDES.									
2.0	2.0	4.3	5.7	HEAVY SULPHIDES - BANDING 45° TO									
1.8	1.3			CORE. FEW BLEBS CHALCOPYRITE -									
14.7	11.7			HIGH PYRRHOTITE - WILL DRAW MAGNET.									
RECOVERY		5.7	6.5	LOST CORE - DRILLER REPORTS FAULT.									
79.6 %		6.5	13.4	QUARTZITE - LIGHT GREY - FELDSPATHIC?									
				SULPHIDE FILLED FRACTURES PYR.,									
				PY., SPH., GALENA, CHALCOPYRITE.									
		13.4	17.3	QUARTZITE - LIGHT GREY, HARD,									
				MASSIVE, FELDSPATHIC. ANGULAR FRAG.									
			17.3	END OF HOLE									

Examined by

W. L. Head

# Diamond Drill Hole Record

Co-Ordinates of Collar

 Hole No. 77-2

 N 35+22 E 27+91 Location SHOWING L, LAD 22 CLAIM (105K16) Incline -50°

 Started 15 AUG. 1977 Direction S 45° W

 Finished 18 AUG. 1977 Depth 31.2 FT. V.D. \_\_\_\_\_ Elev. Collar 4,000 FT. ± (FROM CLAIM MAP)

Run	Rec.	SECTION		LOG	SAMPLE			ASSAY					
		From	To		No.	From	To	Au. oz./T.	Ag. oz./T.	Pb, %	Zn. %		
2.1	1.3	0	2.1	CASING									
1.7	1.7	0	3.1	QUARTZITE, LIGHT GREY - MINOR RUSTY									
0.6	0.2			FRACTURES AT VARIOUS ANGLES, CONTAINING									
2.1	1.2			IRON OXIDES, CALCITE, PYR., AND GALENA.									
1.2	1.2	3.1	3.8	QUARTZITE - BROKEN CORE - IRON STAINING,									
		3.8	4.4	CAVITY REPORTED BY DRILLER.									
1.4	1.4	4.4	5.7	QUARTZITE - LIGHT GREY, MINOR DIS. PYR., CR?									
		5.7	10.6	QUARTZITE - MINERALIZED - DISSEMINATED	66815	5.7	10.6	20.003	1.02	2.48	2.05		
1.8	1.8			AND IN FRACTURES. DIS. BETWEEN SAND									
				GRAINS GIVES SALT & PEPPER EFFECT.									
0.5	?			BANDING 8.6-9.1 @ 50° TO CORE L.									
	1.2			CONTAINS PYR., SPH., GALENA, PY.									
2.3	1.9	10.6	19.5	MASSIVE QUARTZITE - LIGHT GREY - FEW FRACTURES									
0.9	0.6			CALCITE FILLED @ 15° TO CORE L. MINOR									
				MINERALIZATION BETWEEN 12.0 - 14.6									
1.2	1.2	19.5	26.4	QUARTZITE - MINERALIZED DIS. & IN FINE	66816	19.5	26.4	20.003	1.38	0.39	1.63		
1.8	1.6			FRACTURES - SALT & PEPPER EFFECT SIMILAR									
1.5	1.1			TO 5.7 - 10.6 VERY FINE PYR., SPH., GALENA									
1.2	1.0			FRACTURE Ls 70°-75° TO CORE L.									
0.5	0.4	26.4	31.2	QUARTZITE - LIGHT GREY - VERY MINOR									
1.2	0.8			DISSEMINATED SULPHIDES.									
2.5	2.2												
1.0	0.9												
0.8	1.2		31.2	END OF HOLE. HOLE STOPPED SHORT OF									
1.0	1.3			80 FT. OBJECTIVE AS HARD BLOCKY									
2.6	2.2			GROUND MADE PROGRESS VERY SLOW.									
1.3	1.2			DRILLED TO WITHIN ONE HOUR OF									
31.2	27.6			HELICOPTER ARRIVAL FOR MOVE OUT AT									
				6:10 P.M.									
RECOVERY													
88.5%													

 Examined by W. S. Read

WAYLAND S. READ, B.SC., P.ENG.

CONSULTING GEOLOGIST

AREA CODE 604-TELEPHONE 743-2279

881 CHERRY POINT ROAD, COBBLE HILL, B.C. V0R 1L0 CANADA

September 23, 1977.

Cima Resources Limited,  
905-355 Burrard Street,  
Vancouver, B.C.  
V6C 2G8

ACCOUNT - Assessment Program - Lad Group 105K16, Hess Ventures  
Lad 11,12,19-26,47-62,65-75,88,90,100,102,114 (42)

Preparation, Vancouver 14,15 July	\$300.00
Preparation, Ross River, 12 Aug. W.S. Read	200.00
" " " " " R. Warke	40.00
Hotel - Ross River 11,12 Aug. Read, Warke	96.00*
Meals " " 11-13 Aug. Read, Warke	84.75
Camp & Groceries 18 man days @ \$20	360.00
Driller & drill 6 days @ \$210	1,260.00*
Drill Bits (5) allowing 50% diar d recovery	250.00*
2 IEX Reaming Shells @ \$50 each	100.00*
1 casing shoe @ \$30 each	30.00*
Transportation & freight Ross River Whitehorse	25.00*
W. S. Read, P.Eng. 13-18 Aug. @ \$200	1,200.00
R. Warke, Drill helper 13-18 Aug. @ \$40	240.00
Helicopter, Ross River - Lad & Van Lake, 15, 7.	627.00*
Fixed Wing-Ross River-Van Lake 13 Aug.	217.00*
Fixed Wing Van Lake-Ross River, 18 Aug.	217.00*
Helicopter Lad-Van Lake - Ross River, 18 days	539.00*
Meals Ross River, Read, Warke 18 Aug.	8.50
Hotel Ross River, Read, Warke 18 Aug.	48.00*
Meals, transportation Ross River & Whitehorse	39.35
W. S. Read, 19 & 22 Aug.	400.00
Transportation Ross River-Victoria (Read)	201.00
Transportation Whitehorse - Vancouver (Warke)	96.00
Excess Baggage (camp gear)	46.35
Mileage Airport-Cobble Hill	21.00
Demobilization 2 days @ \$150	300.00
Engineering supplies from inventory, est.	64.50
Accounting & preparation of data	525.00
	<u>\$7,535.45</u>

\*Invoice attached

Wayland S. Read Limited.





ACCOUNT NUMBER	1920
INVOICE DATE	212 18 77
A/C TYPE	AIR REG. REGISTRATION NO.
FLIGHT DATE	DAY MONTH YEAR
PURCHASE ORDER NO.	

CHARTERER *READ*  
BILLING ADDRESS

TOTAL COST	TOTAL FUEL USED	WBS - SALES	FROM
------------	-----------------	-------------	------

FROM	MILES	HOURS	ZONE	REMARKS - NO. OF PASS.	FREIGHT LBS.
<i>Whitehorse to Ft. Reliance</i>		<i>2.1</i>			
<i>FT. RELIANCE</i>					
<i>AND</i>					

*PAID by cheque # 2307*

*Booked through Zuni Air*

SUB	G.L.	AMOUNT
6116	5102	0 577.50
6116	5111	0 506.00

TERMS: EIGHTEEN PERCENT INTEREST PER ANNUM WILL BE CHARGED ON ALL INVOICES NOT PAID WITHIN 30 DAYS OF DATE ISSUED.

WAITING TIME	0	/HR.	
FUEL:	46	0 110 /GAL.	50 60
FUEL:	0	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

*W.S. Read*  
CHARTERER'S SIGNATURE

*[Signature]*  
PILOT'S SIGNATURE

*K. [Signature]*  
ENGINEER'S NAME

**TOTAL \$627.00**

FLIGHT REPORT  
INVOICE

ACCOUNT NUMBER	1920
INVOICE DATE	212 18 77
A/C TYPE	AIR REG. REGISTRATION NO.
FLIGHT DATE	DAY MONTH YEAR
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CHARTERER *READ*  
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TOTAL COST	TOTAL FUEL USED	WBS - SALES	FROM
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FUEL:	46	0 110 /GAL.	50 60
FUEL:	0	/GAL.	
MEALS & LODGING			
OTHER			
OTHER			

*W.S. Read*  
CHARTERER'S SIGNATURE

*[Signature]*  
PILOT'S SIGNATURE

*K. [Signature]*  
ENGINEER'S NAME

**TOTAL \$627.00**

FLIGHT REPORT  
INVOICE

## STATEMENT

1

DATE 1977TO: EMERALD LINE CO. TRADEEND TRAIL

DATE	DETAILS	DEBIT	CREDIT	BALANCE
AUG. 13/77 to AUG. 18/77 (incl)				
	6 DAYS @ 210.00 PER DAY			1260.00
	CREDIT ON 50% of diamond costs			
	5 IEX SERIES 100 AA BITS @ 50.00 ea.			- 50.00
	2 IEX REAMING SHELLS @ 50.00 ea.			100.00
	1 CASING SHOE @ 30.00 ea.			30.00
	TRANSPORTATION and FRIEGHT CHARGE			25.00
			TOTALS	\$1665.00
	#2309			

Rediform 8M101

## STATEMENT

1

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	TRANSPORTATION and FRIEGHT CHARGE			25.00
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Rediform 8M101