

966

**REPORT**  
**ON**  
**GEOCHEMICAL SURVEY**  
**REY CREEK PROPERTY**  
**(MAMIT LAKE)**  
**NICOLA MINING DIVISION**  
**FOR**  
**LODESTAR MINES LTD. (N.P.L.)**

**April 10, 1967**

**George L. Hill, P. Eng.**

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ATTACHED ENVELOPE CONTAINS:

1. Claim Map showing lines cut and sampled.
2. Print showing copper determinations (Warren Method).
3. Imperial Explorations Co. Invoice. ✓
4. Franklin Price Invoice - Assays. ✓
5. Coast Eldridge Invoice - Spectrographic Analysis. ✓
6. Malach's Building Supplies (Pickets - two invoices). ✓
7. George L. Mill, P. Eng. Invoice. ✓

## INTRODUCTION

In line with recommendations contained in the Geological Reconnaissance Survey Report submitted by A.C.A. Howe and Associates Ltd. - which report forms part of the subject Affidavit on Application for Certificate of Work - a limited geochemical survey was conducted on the Rey Creek Property from July 6 to July 15, 1966.

The procedures followed in conducting this survey, the results obtained, and the conclusions drawn are outlined herewith.

## SURVEY PROCEDURE

1. The North-South (Magnetic) Base Line used in the geological reconnaissance survey was re-cut, chained and picketed at 100 foot intervals.

2. Four East-West lines - namely, E-W #2, E-W #3, E-W #4, and E-W #5, as shown on the enclosed print, were cut at 3000 foot intervals. These lines follow roughly the north-south boundary lines of contiguous east-west blocks of claims but, because of the non-conformity of the staking procedure, they are not necessarily location lines. All four lines were chained and picketed at 100 foot intervals.

3. Soil samples were taken at picket locations.

## SAMPLING AND COPPER ANALYSIS PROCEDURE

Soil samples were taken under the supervision of the undersigned in the following manner:

1. Debris was removed from sample location.
2. A hole was dug with a spade to a minimum depth of 12 inches

cont'd.

where applicable and the sample taken from the bottom of the hole.

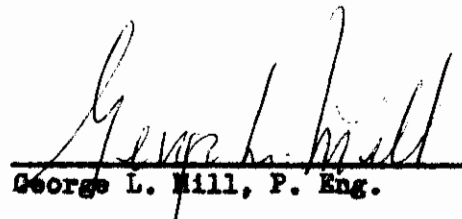
3. The sample was immediately transferred to Kraft bags which were then sealed and numbered.

The samples - a total of 387 applicable to the subject group of claims - were delivered to Franklin Price, P. Eng. in Vancouver for determination of copper content by the Warren Method.

#### RESULTS AND CONCLUSIONS

As shown in the attached print prepared by Franklin Price, P. Eng., appraisal of the samples taken in the course of the geochemical survey fail to disclose any significant anomolous area on the Rey Creek Property. This condition is substantiated further by the enclosed spectrographic analysis of samples taken at two sparsely mineralized locations. As a precautionary measure, because of possible soil movement, it has been suggested by the writer that a limited trenching program be undertaken at the known mineralized locations and also at several locations across the shear zone outlined in the A.C.A. Howe and Associates Ltd. geological report.

Respectfully submitted

  
George L. Mill, P. Eng.

Vancouver, B.C.  
April 10, 1967

**IMPERIAL EXPLORATIONS CO., LTD.**

327 - 510 WEST HASTINGS ST. • VANCOUVER 2, B.C., CANADA

**INVOICE**

August 10, 1966

TO: Lodestar Mines Ltd.,  
303 - 540 Burrard Street,  
Vancouver 1, B.C.

Re Contract - Rey Creek Property  
Mamit Lake, Nicola Mining Division,  
July 6 to 15, 1966

7.33 miles line-cutting @ \$100.00 per mile	\$ 733.00
7.33 miles chained, picketed, and soil sampled at 100' intervals @ \$50.00 per mile	<u>366.50</u>
	<u>\$1099.50</u>

IMPERIAL EXPLORATIONS CO. LTD.

  
Joseph Paradis

*Paid with thanks  
Joseph Paradis*

*To accompany affidavit and  
geochemical report (August 10) on  
Rey Creek Property, Mamit Lake,  
Nicola M.D.*

FRANKLIN L. C. PRICE  
PROFESSIONAL MINING ENGINEER

318 THE BURRARD BUILDING • VANCOUVER 5, CANADA • TELEPHONE 685-6733 • AREA CODE 604 • CABLE PRICEO VANCOUVER

August 31, 1966

Lodestar Mines Ltd.,  
540 Burrard Street,  
Vancouver 1, B.C.

INVOICE

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445 Geochemical Assays - Warren Method re Mammott Lake	\$ 445.00
Drawings and Printing	<u>25.00</u>
	<u><u>\$ 470.00</u></u>

387 assays applicable to claims  
covered by affidavit

flcp/e

George L. Mill P. ENG

\$412.00

To accompany affidavit and geochemical report (Apt 10/67)  
on Rey Creek Property, Mamot Lake, Nicola M. P.

TELEPHONE TRINITY 6-4111

# COAST ELDRIDGE

ENGINEERS & CHEMISTS LTD.

125 EAST 4TH AVE., VANCOUVER 10, B.C.



CABLE ADDRESS: "ELDRICO"

DATE July 21, 1966

ORDER NO.

FILE NO. 26258

FOR C

INVOICE NO. 3444

INVOICE TO Lodestar Mines Ltd.  
Mercantile Building  
Vancouver, B.C.

TERMS: NET CASH

TO

2 semi-quantitative spectrographic analysis @ \$15.00 each

\$ 30.00

*Paid in Full  
Aug 9/66.  
Cheque  
# 63*

*To accompany affidavit and  
geochemical report (April 10/67)  
on Rey Creek Property, Mamit  
Lake, Nicola M.D.*

THIS IS A PROFESSIONAL SERVICE BILL AND IS DUE ON PRESENTATION

INTEREST WILL BE CHARGED ON OVERDUE ACCOUNTS



To:

Lodestar Mines Ltd.  
 Mercantile Building  
 Vancouver, B.C.

SEMI QUANTITATIVE SPECTROGRAPHIC ANALYSES  
**COAST ELDRIDGE**  
 ENGINEERS & CHEMISTS LTD.  
 125 EAST 4TH AVE. VANCOUVER 10, CANADA

We Hereby Certify that the following are the results of semi quantitative spectrographic analyses made on Ore samples submitted.

SAMPLE IDENTIFICATION	Al	Sb	As	Ba	Be	Bi	B	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe
Zawie #3 #1	10.	ND	ND	0.06	ND	ND	ND	ND	3.0	0.001	Trace	0.003	ND	Trace	1.0
WEEKY #3 #2	10.	ND	ND	0.01	ND	ND	Trace	ND	3.0	0.001	Trace	0.001	ND	Trace	1.0

SAMPLE IDENTIFICATION	Pb	Mg	Mn	Mo	Nb	Ni	Si	Ag	Sr	Ta	Sn	Ti	W	V	Zn
#1	0.003	0.5	0.02	0.003	ND	0.001	Matrix	Trace	0.1	ND	ND	0.1	ND	0.001	Trace
#2	0.002	0.6	0.02	0.001	ND	0.001	Matrix	Trace	Trace	ND	ND	0.1	ND	0.01	Trace

\*ND - Not detected

/jp

Note: Rejects retained one week.  
 Pulp retained three months.

*Rey Creek Property  
 Mamit Lake*

COAST ELDRIDGE ENGINEERS & CHEMISTS LTD.

ALL REPORTS ARE THE CONFIDENTIAL PROPERTY OF CLIENTS. PUBLICATION OF STATEMENTS, CONCLUSIONS OR EXTRACTS FROM OR REGARDING OUR REPORTS IS NOT PERMITTED WITHOUT OUR WRITTEN APPROVAL. ANY LIABILITY ATTACHED THERETO IS LIMITED TO THE FEE CHARGED.

CHIEF CHEMIST



*Melach's Building Supplies Ltd.*

FULL BUILDING SUPPLY SERVICE

Lodestar Mines,

Room 303,

540, Burrard, Vancouver. B. C.

INTEREST AT THE RATE OF ONE PER CENT PER MONTH CHARGED ON OVERDUE ACCOUNTS

YOUR MEMO

DATE PAID

19

CHECK NO.

AMOUNT \$

DATE	FOLIO	CHARGES	CREDITS	BALANCE
BALANCE BROUGHT FORWARD				29.40
AU-266	9 5.6 3		29.40 ±	0.00 *
AU-966	9 7.4 1	18.33 ±		18.33 *

Pickets

*Paid  
Sept 23/66  
in full  
0769*

PLEASE PAY LAST AMOUNT SHOWN IN BALANCE C

To accompany affidavit and  
geochemical report (April 10/67) on Rey  
Creek Property, Mamet Lake, Nevada M.D.

# Malach's Building Supplies Ltd.

FULL BUILDING SUPPLY SERVICE

- Lodestar Mines,
- Room.303, 540, Burrard,
- Vancouver. B. C.

INTEREST AT THE RATE OF ONE PER CENT PER MONTH CHARGED ON OVERDUE ACCOUNTS

YOUR MEMO  
DATE PAID

19

CHECK NO.

AMOUNT \$

DATE	FOLIO	CHARGES	CREDITS	BALANCE
BALANCE BROUGHT FORWARD				60*
JL 2.66	9 3.3 5	29.40 *		29.40 x
<u>Pickets</u>		Paid Aug / 66 <i>[Signature]</i>		50.

PLEASE PAY LAST AMOUNT SHOWN IN BALANCE CO.

To accompany affidavit and  
 geochemical report (Apt 10/67) on  
 Rey Creek Property, Mamit Lake,  
 Nicola M. P.

LODESTAR MINES LTD. (N.P.L.)

IN ACCOUNT WITH

GEORGE L. MILL, P. ENG.

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TO: Professional Services:

Re: Supervision of Soil Sampling of Rey Creek  
Property - Mamit Lake, Nicola Mining  
Division.

July 12 - 15, 1966.

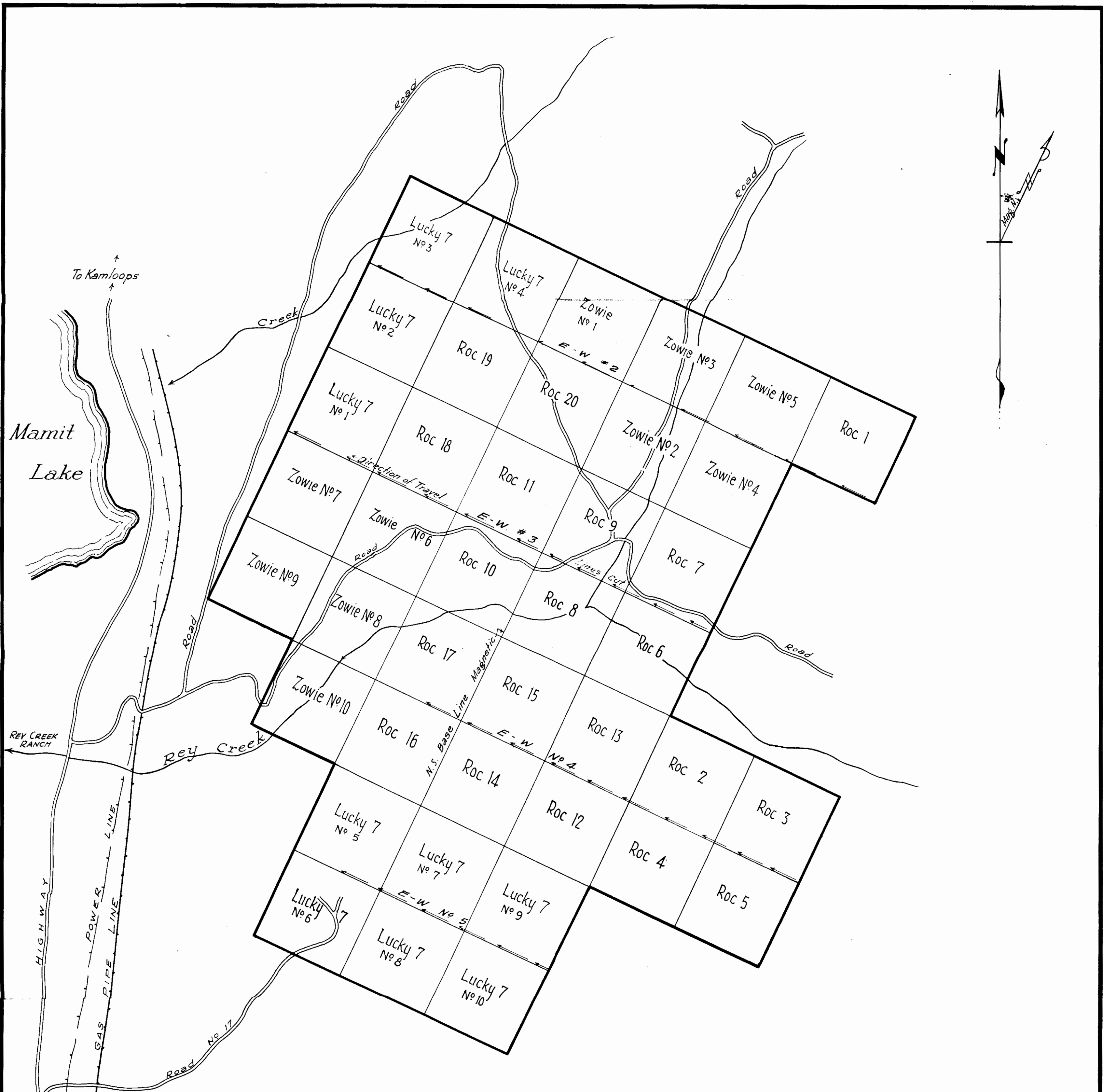
..... \$ 250.00

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*Rec'd Payment  
Aug 15/66  
[Signature]*

Vancouver, B.C.  
August 1, 1966.

*George L. Mill*  
George L. Mill, P. Eng.



LODESTAR MINES LTD. (N.P.L)

REY CREEK PROPERTY

NICOLA MINING DIVISION  
B. C.

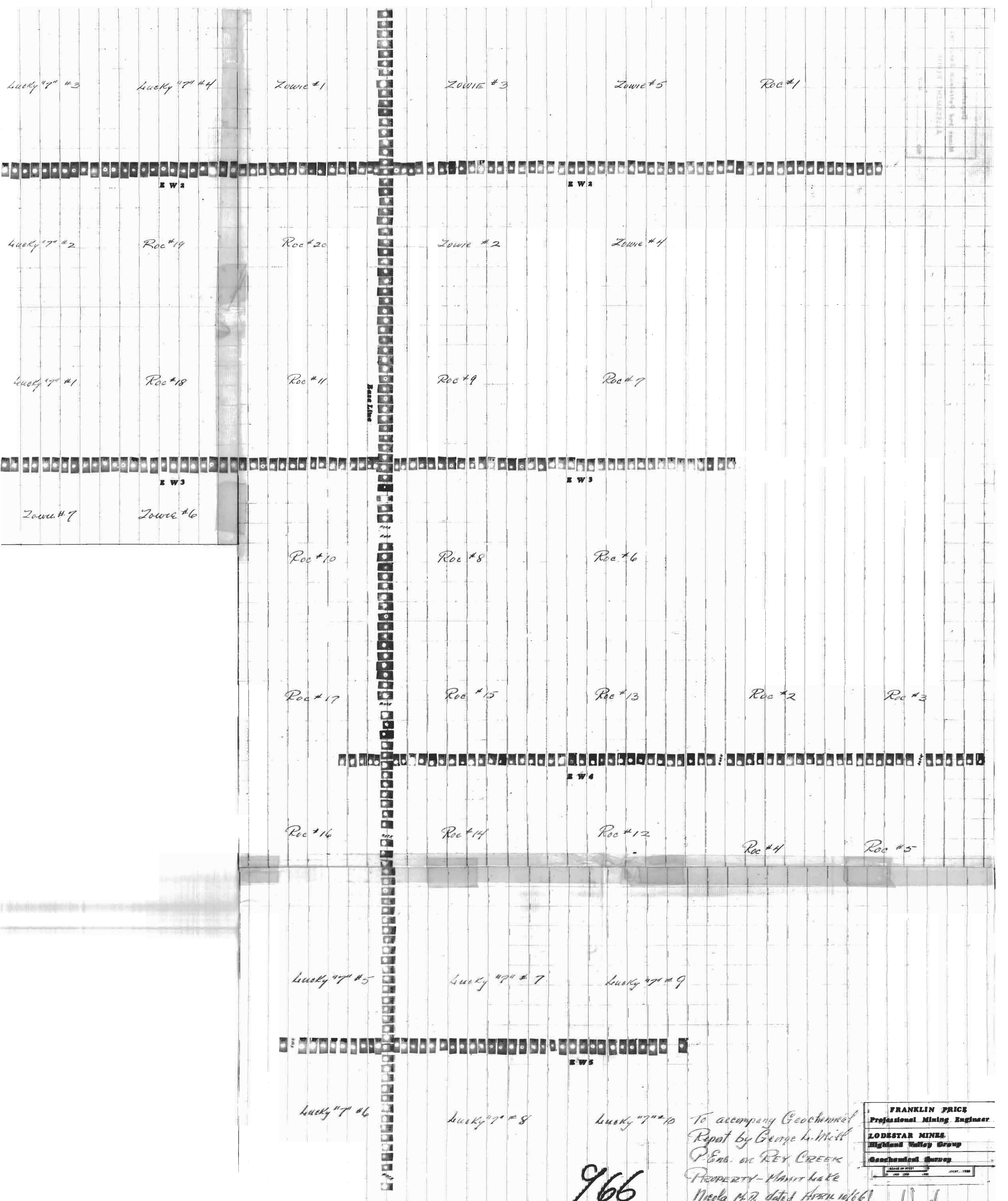
Scale 0 500 1000 2000 Feet

966

To accompany geochemical  
report by GEORGE L. MILL on  
Rey Creek Property, Mamit  
Lake, Nicola M.D. Dated  
April 10/67

George L. Mill P. Eng.





RECEIVED  
 JULY 1966  
 HIGHLAND VALLEY GROUP

**FRANKLIN PRICE**  
 Professional Mining Engineer  
**LOBSTAR MINES**  
 Highland Valley Group  
 Geotechnical Survey  
 SCALE IN FEET  
 0 100 200 400 JULY, 1966

To accompany Geotechnical  
 Report by George L. Will  
 P. Eng. of REY CREEK  
 PROPERTY - MAMIT MATE  
 Nicola M.F. dated APRIL 10/66

966

George L. Will