

93N/9W

GEOCHEMICAL REPORT ON THE
REYNOLDS, SPANER, STROH, LESLIE,
WRIGHT, DOYLE & PATTENDEN
MINERAL CLAIMS, OMINECA M.D.

LAT: 55°36'N, LONG: 124°22'W
N.T.S. REF. 93 - N

BY R. WOLFE, P.ENG. AUGUST 15, 1972.

FIELD WORK BETWEEN
JUNE 11, AND JULY 8, 1972.

3864

3864

GEOCHEMICAL REPORT ON THE
REYNOLDS, SPANER, STROH, LESLIE, WRIGHT,
DOYLE AND PATTENDEN MINERAL CLAIMS, OMINACA M.D.
LAT: 55°36'N, LONG: 124°22'W, N.T.S. REF. 93-N

BY R. WOLFE, P.ENG., AUGUST 15, 1972.

FIELD WORK BETWEEN JUNE 11, AND JULY 8, 1972.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 3864 MAP

Mining Recorder's Office
RECORDED
OCT 10 1972
AT
SMITHERS, B.C.

TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
LOCATION	1
CLAIMS	1
LINE GRID	1
GEOCHEMICAL SURVEY	
a) Field Procedure	2
b) Lab Procedure	2
c) Results	2, 3
CONCLUSIONS AND RECOMMENDATIONS	3

FIGURES

#1 1. FREQUENCY DISTRIBUTION PB.	4
#2 2. CUMULATIVE FREQUENCY PERCENT PB.	5
#3 3. CLAIMS AND GRID	In Back Pocket
#4 4. GEOCHEMICAL SOIL SURVEY	In Back Pocket

APPENDIX

I CERTIFICATES
II PERSONNEL AND DATES WORKED
III TOTAL COST BREAKDOWN

INTRODUCTION

The following report describes the results of a geochemical soil survey conducted over the Boulder Creek property of Northern Tungsten Mines Ltd. by Montgomery, Wolfe and Associates Ltd. (consulting Engineers and Geologists).

LOCATION

The property is located on Boulder Creek, an easterly flowing tributary of Manson Lakes, about 6 miles southeast of Manson Creek, B.C. N.T.S. ref. 193-N, Lat: 55⁰36'N, Long: 124⁰22'W.

CLAIMS

<u>Name</u>	<u>Record No.</u>	<u>Anniversary Date</u>
Reynolds 1-2	96573 - 74	Dec. 29
Spaner 1-8	96575 - 82	Dec. 29
Stroh 1 - 9	96583 - 91	Dec. 29
Leslie 1-8	96894 - 901	Nov. 9
Wright 1-8	105706-713	Oct. 26
Doyle 1-7		
Pattenden 1-6		Oct. 5

LINE GRID

Lines were cut, chained and marked every 100 feet in an east-west direction. A north-south trending baseline traverses the property for 8,000 feet. Line spacing was 400 feet. Total line mileage was about 30 miles.

GEOCHEMICAL SURVEY

a) Field Procedure

Samples were taken at 400 foot intervals on all lines. The soil consisted essentially of brown glacial till, incompletely developed into horizons. Wherever possible, the material just below the slightly leached A horizon was taken as representative of the B horizon. Samples were placed in brown paper envelopes and shipped to the laboratory. Careful notes were kept on environmental conditions of each sample.

b) Lab procedure

All samples were analyzed by MIN-EN Laboratories Ltd. of Vancouver, B.C. Samples were sieved and the -80 mesh fraction used for analysis. This fraction was digested in HClO_4 and HNO_3 and the extracts analyzed by atomic absorption for Cu., Zn., Pb., Ag. Twelve samples were in addition tested for Ni.

c) Results

Frequency distribution and Cumulative frequency percent curves were prepared for lead to statistically analyze the results. A small amount of high-zinc and silver values were considered associated with the lead anomaly and were therefore not separately analyzed by statistical methods. Copper and nickel only showed background values.

One major lead anomaly and several smaller scattered lead anomalies were outlined. The cumulative frequency percent curve shows three distinct families of values: 0-90 p.p.m. background, 90-165 p.p.m.

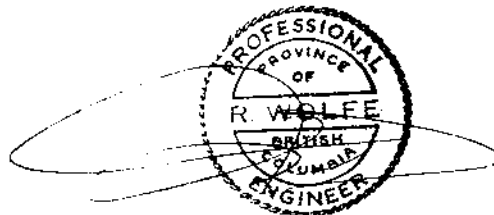
anomalous, over 165 p.p.m. highly anomalous. Some of the highly anomalous samples were resampled by the writer and analysis of these samples showed a repeatability to within 10%.

The major lead anomaly in the northeastern part of the grid area has an aerial extent of about 4,000 by 3,000 feet and is still open to the northeast. This anomaly is considered exceptionally large and strong and should reflect important lead mineralization in the underlying bedrock. The smaller anomalies are probably associated with small veins.

CONCLUSIONS AND RECOMMENDATIONS

A major lead anomaly and some smaller ones have been outlined on the property. Investigation of these anomalies through bulldozer trenching and subsequent drilling (if warranted) is recommended.

Respectfully submitted



R. Wolfe, P.Eng.

August 15, 1972.

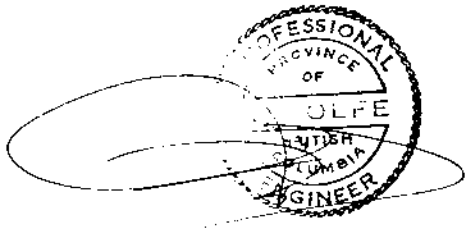
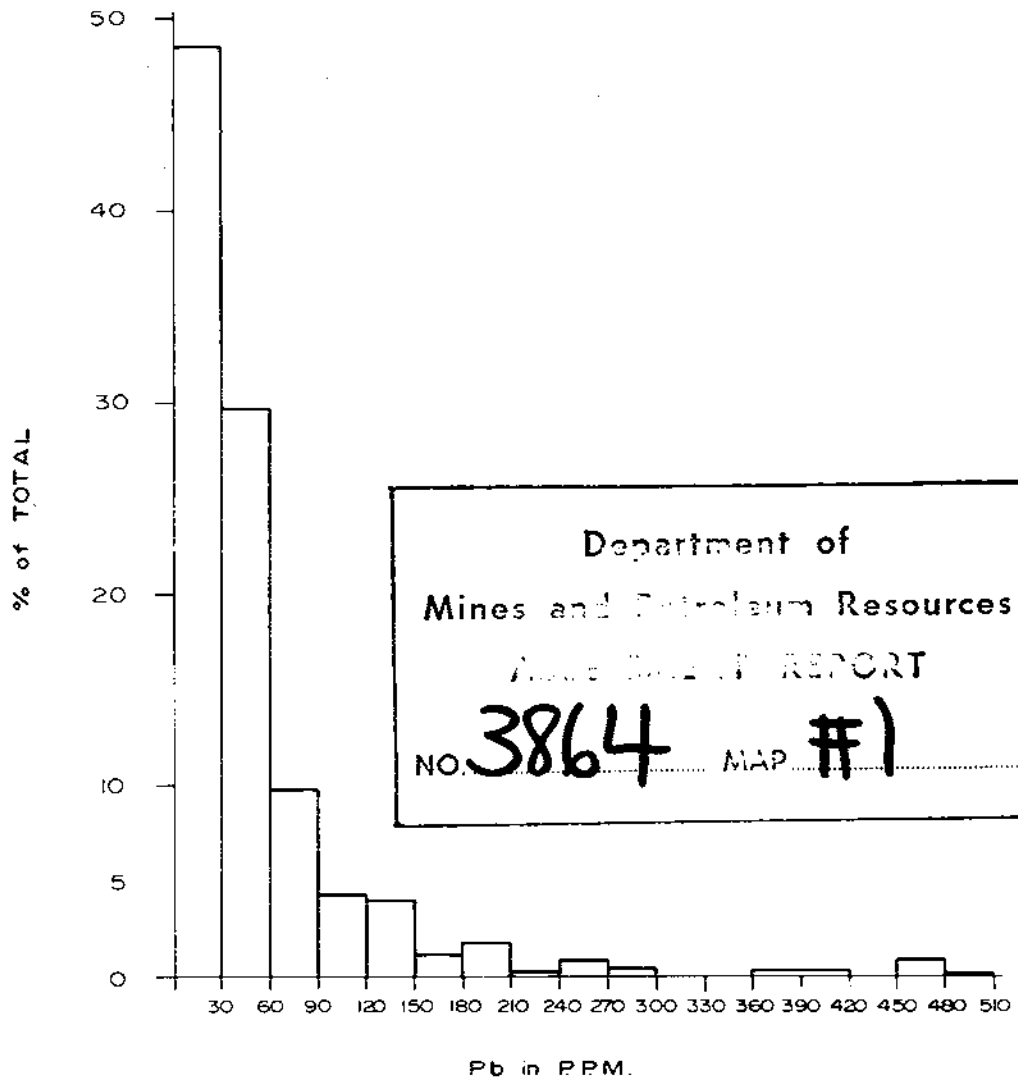
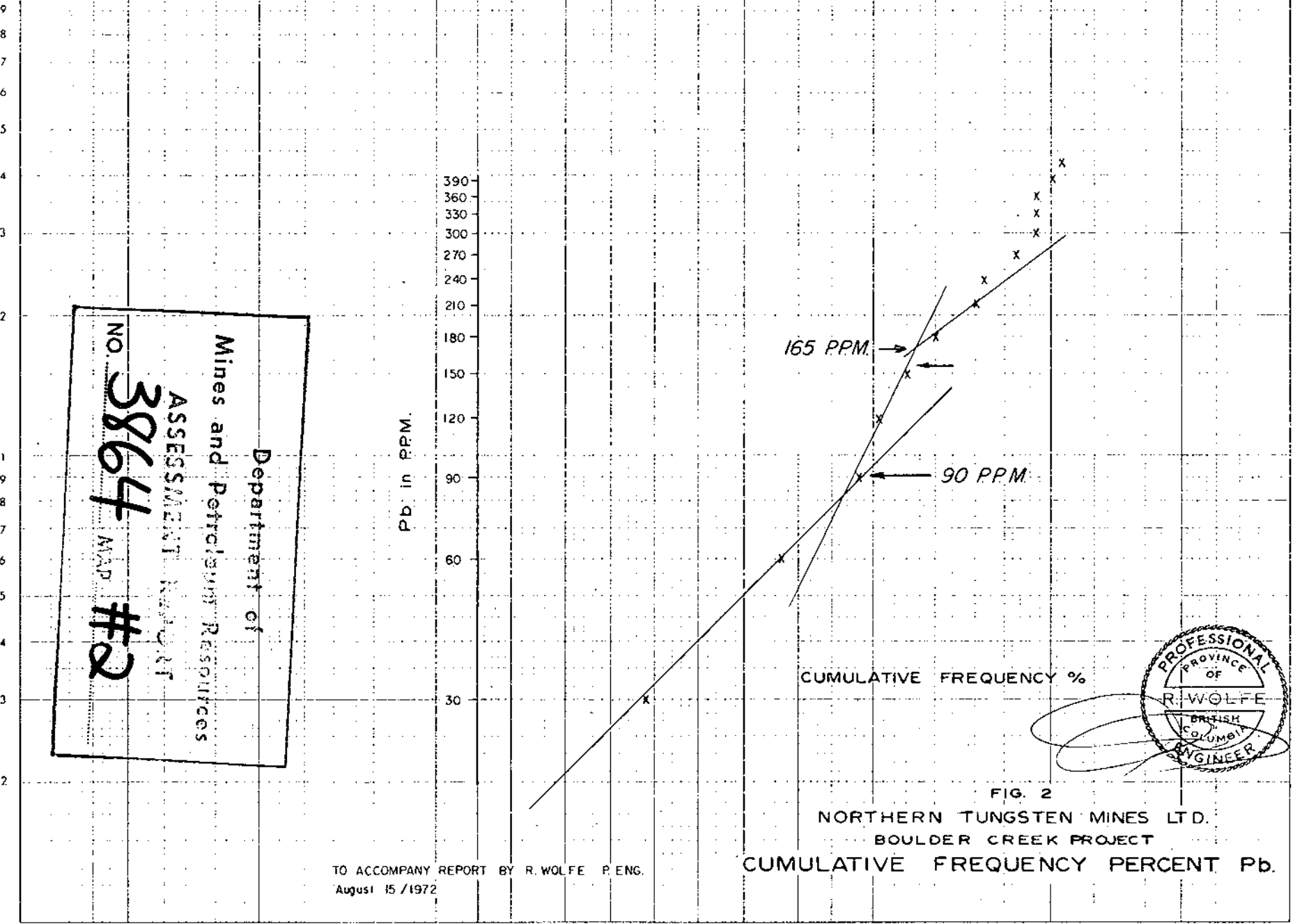


FIG. 1
NORTHERN TUNGSTEN MINES LTD.
BOULDER CREEK PROJECT
FREQUENCY DISTRIBUTION Pb.

TO ACCOMPANY REPORT BY R. WOLFE P. ENG.
August 15 / 1972

99.99 99.9 99.8 99.5 99 98 95 90 80 70 60 50 40 30 20 10 5 2 1 0.5 0.2 0.1 0.05 0.01



Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3864
 MAP #2

TO ACCOMPANY REPORT BY R. WOLFE P. ENG.
 August 15 / 1972

FIG. 2
 NORTHERN TUNGSTEN MINES LTD.
 BOULDER CREEK PROJECT
 CUMULATIVE FREQUENCY PERCENT Pb.



0.01 0.05 0.1 0.2 0.5 1 2 5 10 20 30 40 50 60 70 80 90 95 98 99 99.5 99.8 99.9 99.99

APPENDIX I

CERTIFICATES

1. Ed Hendry Soil sampler. Has worked for the author and associates intermittently since 1966. Thoroughly familiar with geochemical techniques.

2. R. Bates Prospector, linecutter, assistant to Hendry. Many years experience in mining exploration, worked strictly under Hendry's supervision.

3. R. Wolfe, P.Eng Consultant
Education: B.Sc. (Alberta 1963) Physics and Geology.

APPENDIX II

PERSONNEL AND DATES WORKED

E. Hendry	June 12 - July 7, 26 days @ \$30.00	\$780
R. Bates	June 12 - July 7, 26 days @ \$30.00	780
		<hr/>
		1,560
	Payroll benefits 10%	156
	Accounting 5%	78
		<hr/>
		1,794
R. Wolfe	July 14, 28, August 5, 14, 18, 19, 20, 28 8 days @ \$100	800
		<hr/>
	TOTAL WAGES	\$2,594
		<hr/> <hr/>

APPENDIX III

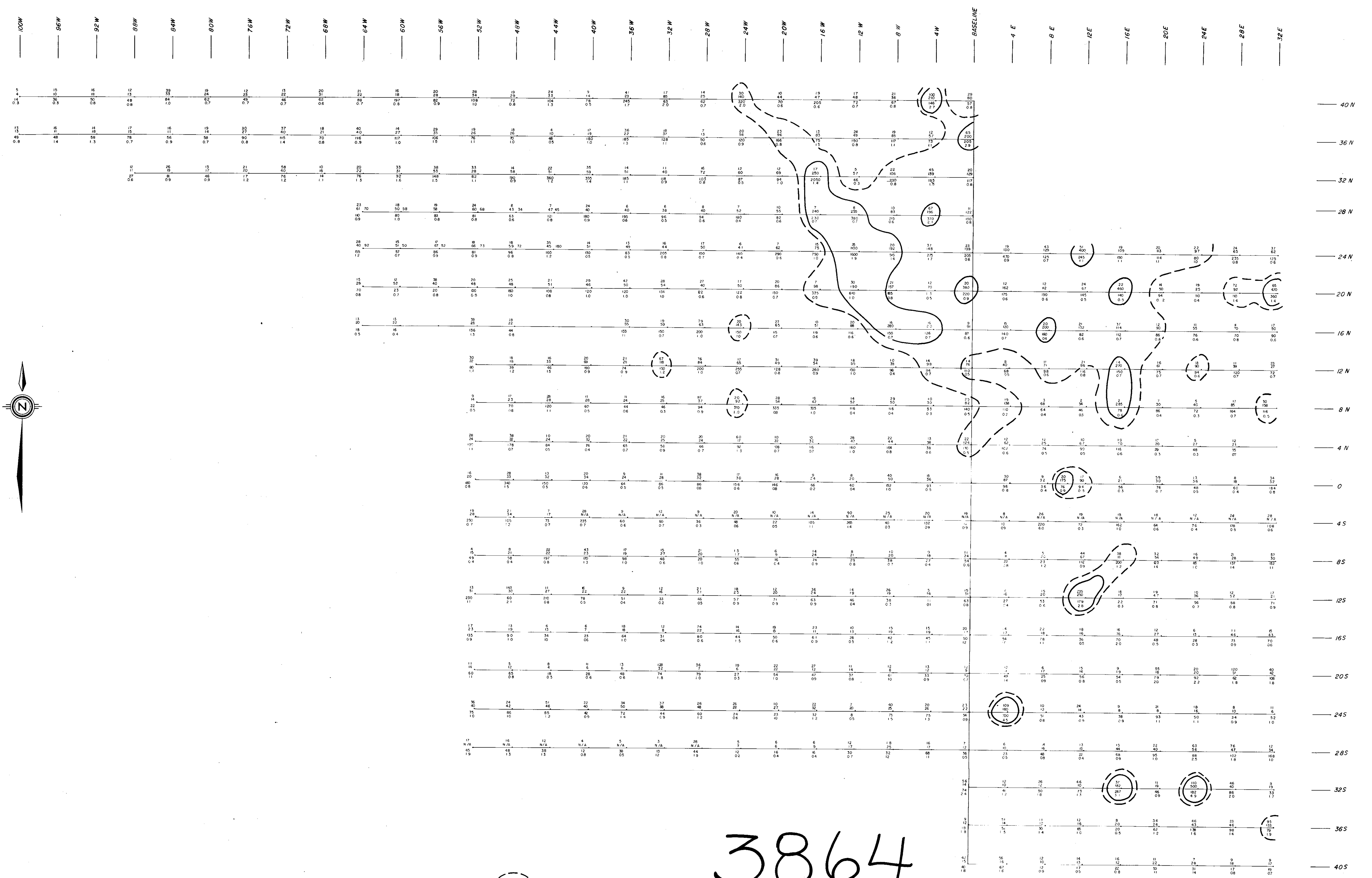
TOTAL COST BREAKDOWN



Wages (see Appendix II)	\$2,594
Accommodations, camp, food	390
Transportation	
Truck Rental 26 days @ \$10.00	260
Boat Rental 26 days @ \$ 5.00	130
Geochemical analysis	1,198
Drafting, printing, typing	190
	<hr/>
TOTAL	\$4,762
	<hr/>

Declared before me at the *City*
of *Manassas*, in the
Province of British Columbia, this *4*
day of *October*, 1972, A.D.

G. Phillips
A Commissioner for taking Affidavits within British Columbia or
A Notary Public in and for the Province of British Columbia,

Sub-mining Recorder



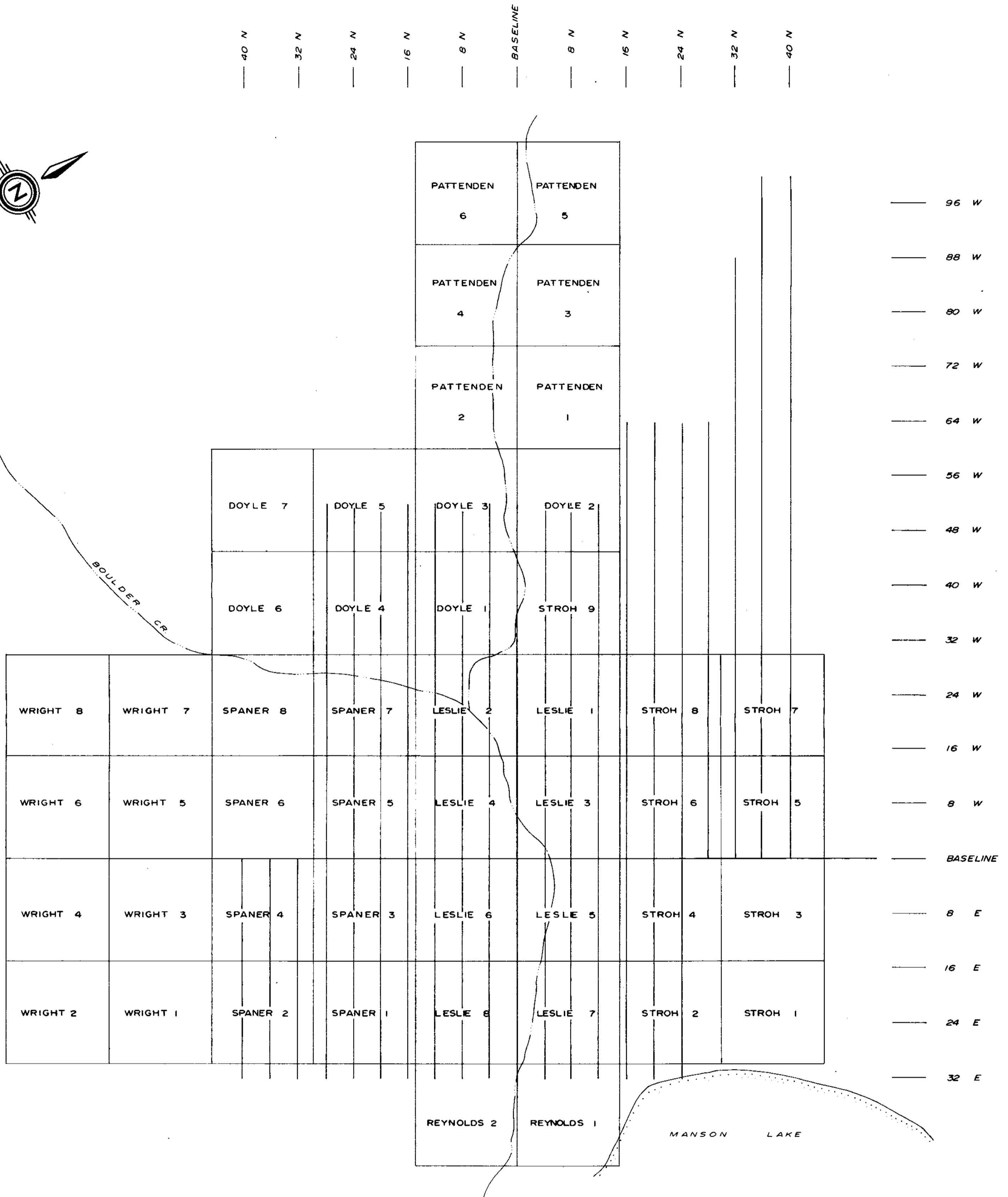
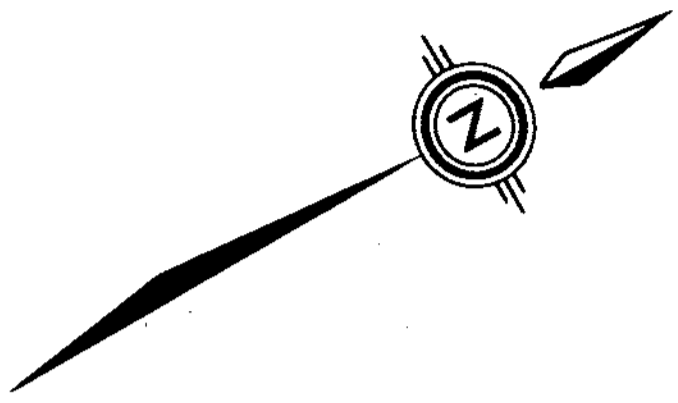
 90 ppm < Pb. < 165 ppm - Anomalous
 Pb. > 165 ppm - Highly Anomalous

3864
M-4

LEGEND
 16 Cu
 202 34 Pb. N.
 120 Zn
 0.5 Ag

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 3864 MAP #4
 NORTHERN TUNGSTEN MINES LTD.
 BOULDER CREEK PROJECT
 GEOCHEMICAL SOIL SURVEY
 MANSON CREEK AREA, B. C.
 SCALE
 0 400 800 FT
 MONTGOMERY, WOLFE & ASSOCIATES LTD.
 To accompany report by R. WOLFE, P. Eng., August 15, 1972
 Fig 4
 AUGUST, 1972





3864 M-3

Department of
Mines and Technical Resources
APPENDIX
NO. 3864 #3

Note:
TO ACCOMPANY REPORT BY R. WOLFE, P. ENG.
AUGUST 15, 1972



FIG. 3
NORTHERN TUNGSTEN MINES LTD.
BOULDER CREEK PROJECT
CLAIMS & GRID MAP

SCALE
FT. 1000 0 1000 2000 3000 FT.