

MODBAR PROPERTY

GEOCHEMICAL REPORT

MODBAR	541 (8)
MB #1	542 (8)
MB #2	543 (8)
ERNIE	1244 (5)

NEW WESTMINSTER MINING DIVISION

NTS 92H/14W

LATITUDE  $49^{\circ}48'N$

LONGITUDE  $121^{\circ}18'W$

CLAIM OWNERS K. W. Livingstone  
W. K. Hanlin

OPERATOR JMT Services Corp.

TABLE OF CONTENTS

INTRODUCTION	1
CLAIMS	1
GEOLOGY	1
SURVEY	1
SAMPLE TREATMENT	1
RESULTS - Copper	4
- Molybdenum	4
CONCLUSIONS AND RECOMMENDATIONS	4
STATEMENT OF COSTS	5
STATEMENT OF QUALIFICATIONS	6

LIST OF ILLUSTRATIONS

FIGURE 1	PROPERTY LOCATION MAP	2
FIGURE 2	CLAIM MAP	3
FIGURE 3	GEOCHEMISTRY MAP - Cu Mo	In Pocket

## INTRODUCTION

The Modbar propsect is a Cu-Mo porphyry located about 21 km southeast of Boston Bar, B.C., south of Uztilius Creek at elevation 2500 - 3500 feet. It is accessible normally by two-wheel drive vehicle on logging roads which connect to Boston Bar. Part of the property is under active logging.

## CLAIMS

The property comprises 4 claims with a total of 30 units.

MODBAR.	541 (8)	10 units
MB #1	542 (8)	10 "
MB #2	543 (8)	6 "
EARNIE	1244 (5)	4 "

## GEOLOGY

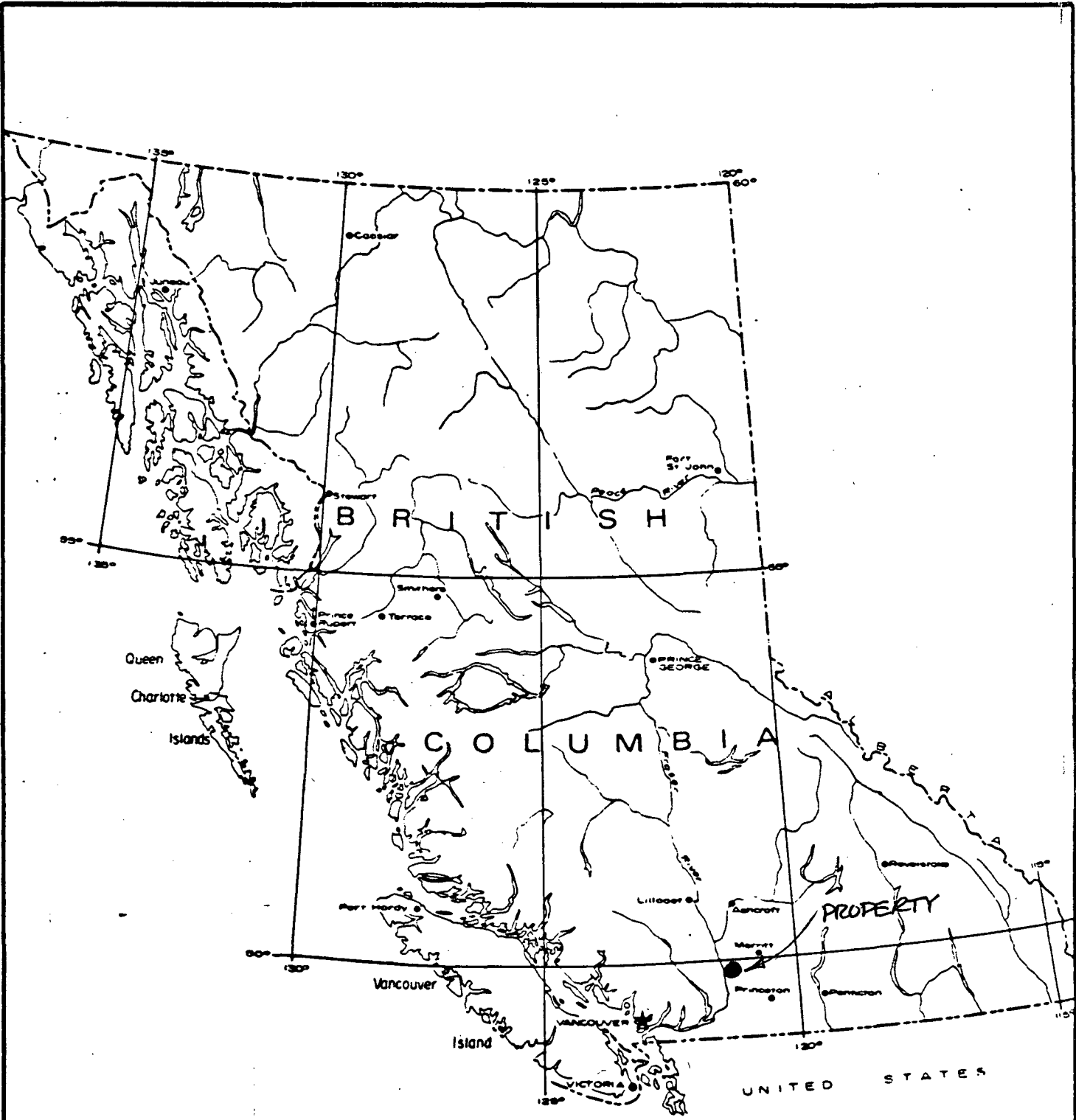
The prospect is located west of the west boundary of the Eagle batholith. Intrusive rocks on the property are varied. No formal geological map has been made. Molybdenite has been found in quartz-porphyry with stockwork quartz veins. Young breccias with fragments of rhyolite and hornfels sediments and tuffs intrude phyrific hornfels adjacent to a weakly mineralized granodiorite stock. The age relations of the intrusive and sequence of mineralizing events is not known at this time.

## SURVEY

Soil samples were collected on a grid on the north part of the prospect. Samples were taken every 50 metres on 100 meter spaced lines. Control tie lines were run on 500 meter spacing. Grid orientation is 062°. The soil samples were collected about 10 - 20 cm in depth from the reddish-brown B horizon.

## SAMPLE TREATMENT

The soil samples were collected in kraft bags and dried. A portion of the -80 mesh size was treated with a solution of nitric-perchloric acids. The copper and molybdenum values were

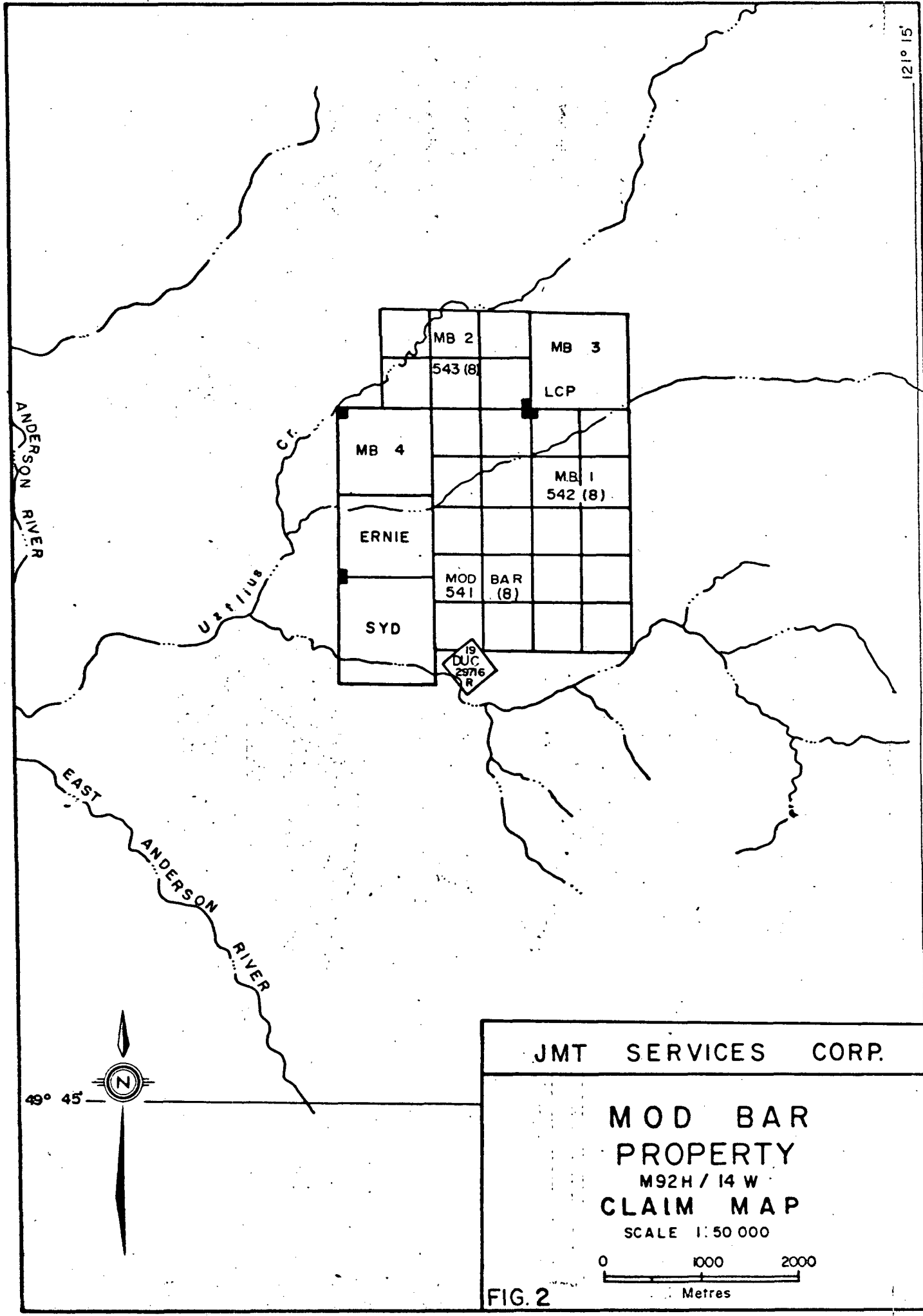


JMT SERVICES CORP.

PROPERTY LOCATION MAP

Mile 136 0 136 Mile

Prepared by:	Date:	NTS MAP AREA	DRAWING No.
Drawn by:	Revised:		



JMT SERVICES CORP.

MOD BAR  
PROPERTY  
M92H / 14 W  
CLAIM MAP  
SCALE 1:50 000

0 1000 2000  
Metres

FIG. 2

measured by atomic absorption. The assays were done by Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C.

#### RESULTS

Copper - Copper values range up to 2400 ppm. Background is approximately 50 - 80 ppm. Those values over 200 ppm are considered anomalous. Much of the grid area is anomalous for copper and the survey should be extended to limit the anomalous area.

Molybdenum - Molybdenum values range up to 139 ppm. Background is 3 - 4 ppm and those values greater than 15 ppm are considered anomalous. The only significant zone of anomalous Mo is located in the northeast part of the grid on the edge of the survey. The survey should be extended to limit the anomalous area.

#### CONCLUSIONS AND RECOMMENDATIONS

The survey has indicated a large area, 5 - 700 m by at least 1000 m, of anomalous copper in soil with a smaller coincident area anomalous for molybdenum. The survey has not outlined the limit of mineralization and should be expanded to the north and south, northeast and southwest.

## STATEMENT OF COSTS

MOD BAR PROPERTY

## WAGES

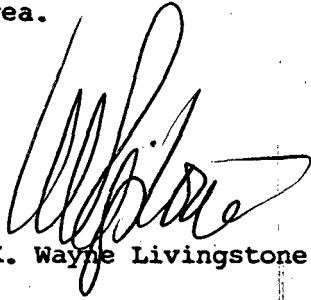
J. S. Christie, geologist	May 2,3, July 17,18,19	5 days @ \$200	\$1,000.00
K. W. Livingstone, geol.	May 2,3	2 days @ \$200	400.00
Mark Hagemoen, geochem sampler	July 18-23	5 days @ \$100	500.00
A. Muir, geochem sampler	July 18-23	5 days @ \$110	550.00

Truck Rental - May	2 days @ \$50.00	\$100.00	
	Insurance	10.00	
	350 mi @ \$0.20	70.00	130.00
Car rental July	2 days @ \$20.00	60.00	
	300 miles @ \$0.15	45.00	105.00
Food - 15 manday @ \$22.50			337.50
SBX11 rental			50.00
Camp rental			75.00
Field supplies consumed			140.00
Geochemical assays			590.00
Report preparation, drafting, typing			<u>900.00</u>
			\$ 5,077.50

STATEMENT OF QUALIFICATIONS

I, K. WAYNE LIVINGSTONE of Vancouver, British Columbia do hereby certify that,

1. I am a Professional Geologist, working in British Columbia and residing at 6775 West Blvd., Vancouver, B.C.
2. I am a graduate of CARLETON UNIVERSITY, Ottawa, Ontario with a B.Sc. honours geology, 1966.
3. I am a graduate of the UNIVERSITY OF BRITISH COLUMBIA with a M.Sc. geology, 1968.
4. I have practiced my profession as a mining exploration geologist since 1965.
5. I am a Member of the Geological Association of Canada.
6. I am a Member of the C.I.M.M.
7. This report is based on personal knowledge of the geology and mineral potential of the claim area.

  
K. Wayne Livingstone, M.Sc.



