

COPPER & MOLYBDENUM GEOCHEMISTRY REPORT

MOTASE PROPERTY

MOTASE #1-#2 RECORD #3018-3019

OMINECA MINING DIVISION

NTS 94D/3E

LATITUDE 56°04'N LONGITUDE 127°07'W

82-317-10378

by K. Wayne Livingstone
for Geo-Ex Resources Ltd.
8827 Hudson Street
Vancouver, B.C.

submitted May 14, 1982

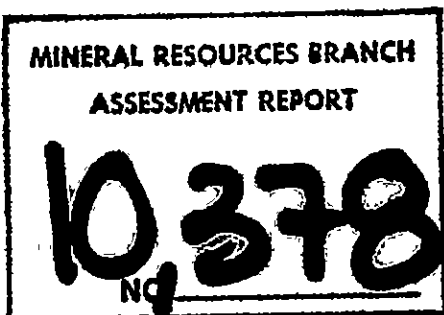


TABLE OF CONTENTS

	PAGE
INTRODUCTION	1
GEOCHEMISTRY	1
RESULTS - Copper	4
- Molybdenum	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 - COPPER-MOLYBDENUM	in pocket

INTRODUCTION

The Motase property is located about 3 km northwest from Motase Lake in the Omineca Mining Division.

The property consists of two claims, 6 units each.

MOTASE #1	Record #3018
#2	#3019

The property is located at tree line southeast of Motase Peak. Tree cover ranges from thick spruce in the valley at elevation 1280 m to open alpine at elevation 1800 m. Much of the claim area is overburden covered. Bedrock information is generally limited to narrow steep creeks on the hillside. There is sufficient control to suggest that a contact zone between a granodiorite intrusive and mixed pelitic and arenaceous sedimentary rocks, exists in the claim area.

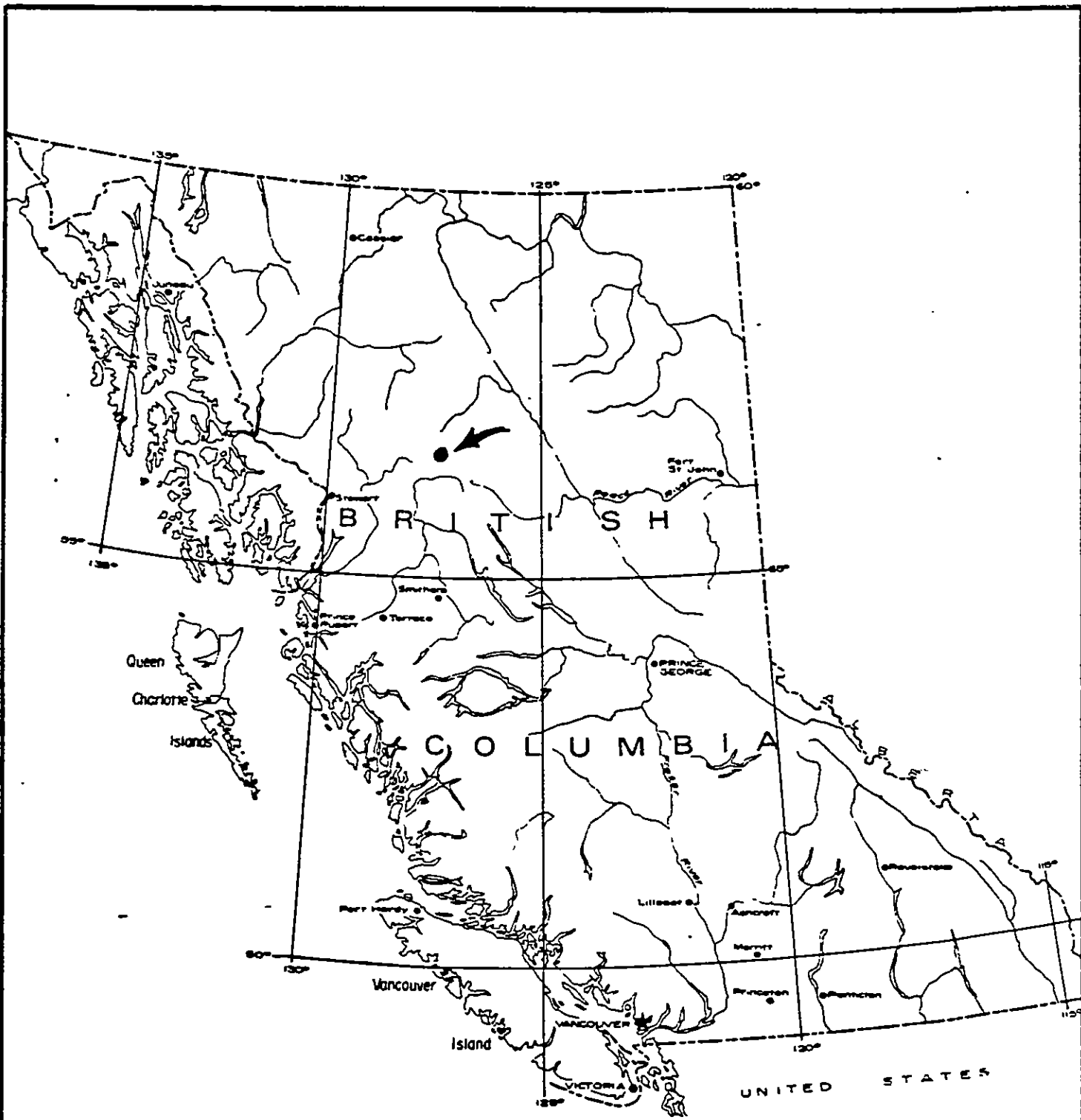
The purpose of this survey was to do a preliminary geochemical evaluation of the claim area.

GEOCHEMISTRY

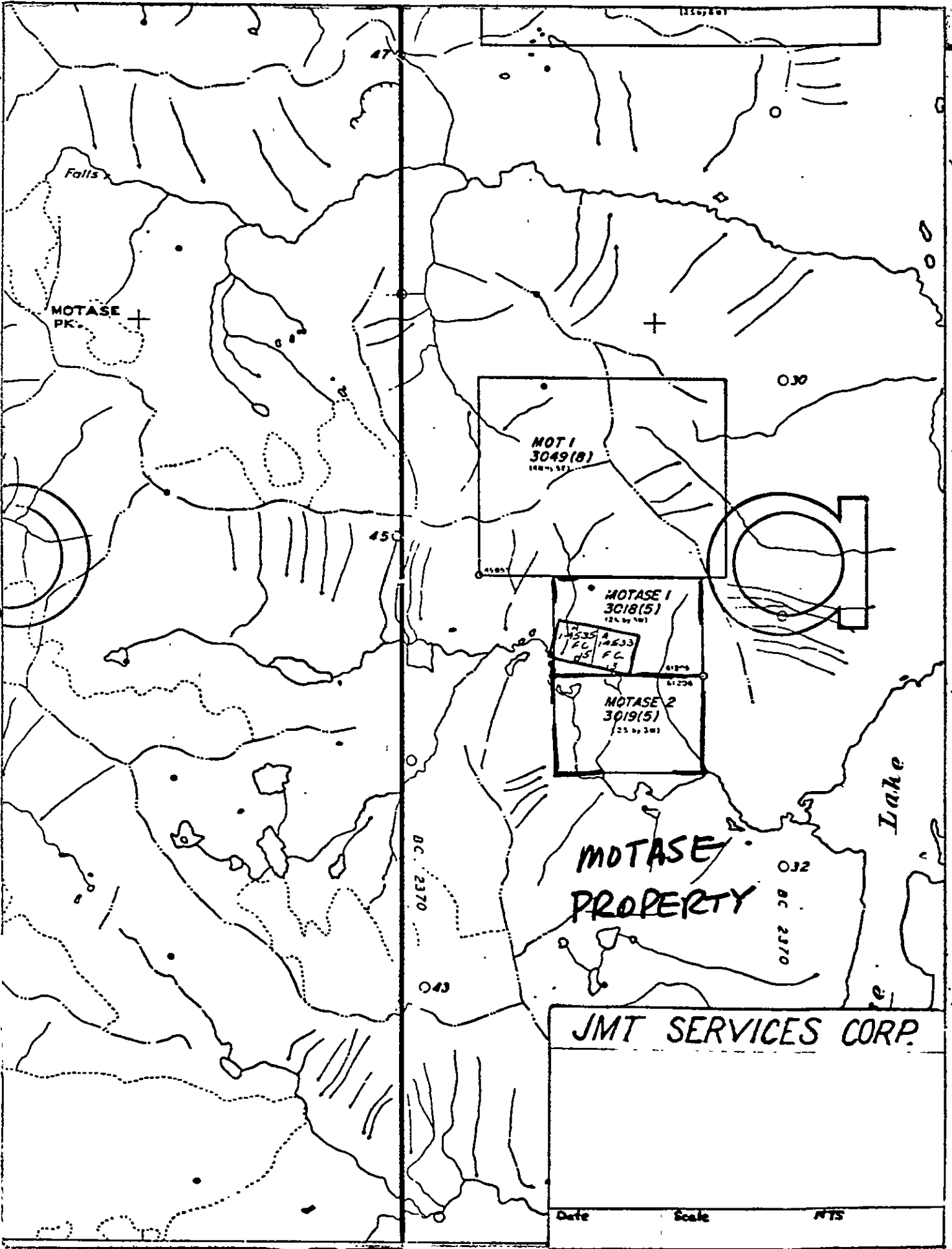
Approximately 18 rock chips, 61 soil samples and 5 silt samples were collected. At each rock chip sample site about 500 - 1000 gms of rock collected from an area 2 - 3 square meters and placed in either a plastic or kraft sample bag. Soil holes were excavated to the red brown B horizon where possible using a hand pick. The sample was placed in a kraft bag. Silt samples were collected from active sediment in the creek using a stainless steel scoop and placed in a kraft bag.

Silt and soil samples were dried and sieved. The -80 mesh fraction was analyzed for metal content. The rock samples were crushed and pulverized to approximately -100 mesh to create a pulp for analysis.

Copper and molybdenum were analyzed by Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver, B.C. The analyses were performed using a perchloric-nitric acid extraction. The determinations were made by atomic absorption.



JMT SERVICES CORP.			
PROPERTY LOCATION MAP			
SCALE			
Mile 0 136		0 136 Mile	
Prepared by:	Date:	NTS MAP AREA	DRAWING No.
Drawn by:	Revised:		



Falls

MOTASE PK

MOTASE 1
3049(8)

MOTASE 1
3018(5)

1-535	2-633
FC	FC
45	45

MOTASE 2
3019(5)

MOTASE
PROPERTY

DC 2370

032
DC 2370

JMT SERVICES CORP.

Date Scale NTS

RESULTS**Copper**

Copper values ranged from 2 ppm to 1550 ppm in soil. In general, no pattern of anomalous values was determined with the sampling to date. There appears to be higher values on the north central part of Motase #1. However, there is abundant outcrop in this area and the mineralization observed is sparse.

Molybdenum

Molybdenum values ranged from 1 ppm to 120 ppm. The higher Mo values are associated with the higher copper values. Unfortunately, the higher values occur in an area of abundant outcrop and the mineralization observed is sparse.

CONCLUSIONS

There is a possibility that more detail sampling on the claims may lead to a drill target. The present sampling has not delineated a porphyry Cu-Mo target.

Respectfully submitted

K. Wayne Livingstone, M.Sc.

STATEMENT OF COSTS
MOTASE PROPERTY

TIME

K. W. Livingstone	Sept 16-21	6 days @ \$200	\$1,200.00
Colin Harivel	Sept 16-21	6 days @ \$200	1,200.00

DISBURSEMENTS

K. W. Livingstone	- expenses Nov.		194.56
B. C. Tel	- September 1981		36.99
	- October 1981		3.75
C. P. Air	- Invoice #7652		97.31
Chemex Labs	#4282		108.00
	#4281		335.80
OK Helicopters	#H22977		783.84
	#H22927		1,332.28
Camp Rental			200.00
Meals	8 mandays @ \$25.00		200.00
Airfares	- Vancouver-Smithers return		440.00
Car Rental	- Smithers		50.00
Taxis - Vancouver, Terrace			50.00
Expended equipment			<u>268.00</u>
			<u>\$6,501.03</u>

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.

