

4448

92I/9E, 9W  
GEOCHEMICAL SURVEY

AND

PROGRESS REPORT

FOR

COMMAND RESOURCES LTD

AND

HIBERNIAN INTERNATIONAL

DEVELOPMENT CORP. LTD.

ON CLAIMS

SUGI 1-12, MB 1-22

KAMLOOPS MINING DIVISION

PROVINCE OF BRITISH COLUMBIA

Department of  
Mines and Petroleum Resources  
ASSESSMENT REPORT  
NO. 4448 MAP .....

May 2, 1973

MAPS

- #1 Geochemical Survey - Plate I  
#2 " " II  
#3 " " III  
#4 Location map

MANNY CONSULTANTS LTD.

E. Amendolagine, P.Eng.

## INTRODUCTION

At the request of Command Resources Ltd. and Hibernian International Development Ltd., the first phase of the recommended program was started on their claims Sugi 1-12 and MB 1-22 during the months of October 1 to November 15, 1972.

## SUMMARY

The first phase of the exploration program completed consisted of prospecting, chain and compass line picketing and a geochemical survey testing for copper in ppm. The geochemical survey covered the entire property. The soil samples were assayed for copper by hot extraction by professional assayers, "Core Laboratories" in Vancouver, B.C. A statistical frequency analysis of the soil sample assays indicated that soil sampling consisted of 240 samples of which 239 samples assayed from 21 ppm Cu to 71 ppm Cu and one sample assayed 106 ppm Cu. There were 10% of the samples that assayed 55 ppm and higher. The contouring of the values of 55 ppm and better indicated possible very weak anomalies in two areas. The areas are located northeast of claim post MB 11 and 12 and the little lake for some 1200 feet and in the southern

portion of the property northeast of claim post MB 17 and 18 along L7 and L10 for some 1200 feet. These areas should be rechecked by detail and deep soil sampling when the program is continued.

#### PROPERTY

The property consists of 34 contiguous mining claims located in the Kamloops area, Kamloops Mining Division, Province of British Columbia. The claims are known as Sugi 1-12 and MB 1-22.

#### LOCATION

The claims are located at  $120^{\circ}15'$  east longitude, and  $51^{\circ}34'$  north latitude. The property is located some 8 miles southeasterly of Kamloops, B.C., some 2 miles southeast of Separation Lake and one mile northwest of Walker Lake.

#### ACCESS

The property is located some 11 road miles from Kamloops, British Columbia. Access is via two miles west of the Trans-Canada Highway, then some 9 miles south on Highway Number 5.

GENERAL GEOLOGY

This area is part of the Interior Plateau region and contains rocks ranging in age from Triassic to Recent. The general geology is shown on Map No. 886-A accompanying Memoir 249, Geology and Mineral Deposits of Nicola Map Area, British Columbia, by W.E. Cockfield, published by the Department of Mines and Resources.

LEGENDCenozoic

Kamloops Group - Andesites, basalts,

Mesozoic

Iron Mask Batholith - Microdiorites, micromonzonites, gabbro, diorites, pyroxenites, monzonite, synite.

Post Nicola Intrusions - Picrite, basalt, serpentine

Nicola Group - Andesites, basalts, lava, tuffs and agglomerate.

Cache Creek Group - Andesites and tuffaceous argillite.

Palaeozoic

Argillite, quartzite, hornstone, limestone, conglomerate, breccia, greenstone and serpentine.

SURVEYS CONDUCTED

The claims Sugi 1-12 and MB 1-22 lie at the southeastern end of the Iron Mask Batholith. The geologic map of the area indicates that the property is underlain by Mesozoic Coast Intrusive granites and Palaeozoic rocks as described by W.E. Cockfield in the G.S.C. sheet 886A, accompanying Memoir 249. Traverses across the property indicated outcrops of granitic and andesitic-dioritic type rocks.

The geochemical survey was controlled by a 400 foot spaced line grid. The geochemical soil samples were taken at 400 foot intervals along the lines. All the samples were assayed by "Core Laboratories" of Vancouver for copper in ppm. The results were plotted on three plates at a scale of 400 feet to the inch. The statistical frequency analysis of the 240 soil samples taken indicated that 10% of the samples assayed 55 ppm Cu and better. These samples when contoured indicate two possible weak anomalies. One of the anomalies is located on L5, 6, 7 and 10 to the northeast of the little lake near claim post Sugi 1 and 2. This extends for some 1200 feet on strike. The readings are very weak but the trend is apparent. The second possible weak anomaly is located some 2000 to the south of the first anomaly along L7 and L10 for some

1200 feet on stike. These anomalous trends are not very strong. When an exploration program is resumed on the property these areas should be re-examined by detail and deeper soil sampling.

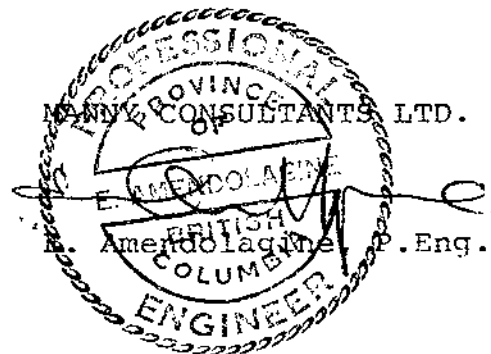
### CONCLUSION

The geochemical survey conducted on the Command Resources Ltd. and Hibernian International Developments Corp. Ltd. property indicated two possible weak geochemical anomalies. The prospecting and geological observations did not reveal any mineralization.

### RECOMMENDATION

It is recommended that when the exploration program is continued on this property that a detail and deep soil sampling survey be conducted in the immediate area of the two anomalous trends. The survey should be carried out on 200 foot spaced lines with samples taken at 100 foot intervals.

May 2, 1973





ASSAYERS  
CHEMISTS  
GEOCHEMISTS

# CORE LABORATORIES LTD.

325 Howe Street Vancouver 1, B.C. Phone 688-3504

## Certificate of Analysis

REPORT NO.  
116

SAMPLE(S) FROM **COMBINE RESOURCES**  
475 Howe Street  
Room 307  
Vancouver, B.C.  
Attn: Mr. Mike Boyle

SAMPLE NO.		Cu ppm
SUG 1	Line 1 18"	52
2		47
3		48
4		42
5		40
6		39
7		32
8	Line 2	34
9		40
10		51
11		46
12		40
13		38
14		38
15	Line 3	53
16		43
17		58
18		53
19		48
20		50
21		41
22	Line 4	44
23		49
24		36
25		57
26		50
27		50
28		46
29	Line 5	69
30		48

DATE February 1, 1973 SIGNED *[Signature]*







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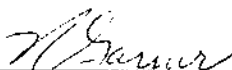
SAMPLE(S) FROM: JOYNT RESSOURCES

PAGE 3

SAMPLE NO. Cu ppm

SAMPLE NO.		Cu ppm
SUG 1 61	Line 9 18"	42
62		31
63		34
64		33
65		40
66		51
67		38
68	Line 10	48
69		42
70		50
71		39
72		42
73		33
74		50
75		61
76		45
77	Line 11	44
78		38
79		40
80		49
81		49
82		34
83		37
84		27
85		42
86	Line 12	24
87		24
88		26
89		35
90		34

DATE February 1, 1973

SIGNED 



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SAMPLE(S) FROM: **COMBAND RESOURCES**  
PAGE 4

SAMPLE NO. Cu ppm

SUG 1	91	Line 12 18"	32
	92		31
	93		32
	94		37
	95	Line 13	28
	96		32
	97		31
	98		32
	99		42
	100		33
	101		34
	102		37
	103		28
MB 1		Line 1-18"	42
	2		42
	3		48
	4		66
	5		43
	6		44
	7		55
	8	Line 2	34
	9		54
	10		53
	11		45
	12		50
	13		39
	14		40
	15		39
	16		34
	17		42

DATE February 1, 1973 SIGNED *A. Gamm*

PULP AND REJECTS DISCARDED AFTER 3 MONTHS

PROVINCIAL ASSAYER





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SAMPLE(S) FROM: COMPANY RESOURCES  
PAGE 6

SAMPLE NO.		Cu ppm
MB 48	Line 6	66
49	Line 8	43
50		32
51		47
52		46
53		41
54		57
55		50
56		46
57		39
58		35
59		40
60		42
61		44
62		38
63		39
64		32
65		48
66		49
67	Line 10	46
68		36
69		42
70		41
71		45
72		58
73		106
74		67
75		71
76		55
77		50

DATE February 1, 1973 SIGNED *A. Gerner*



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116

SAMPLE(S) FROM: **COMBAND RESOURCES**  
PAGE 7

SAMPLE NO. Cu ppm

MB 78	Line 10 18"	57
79		53
80		67
81		53
82		40
83		63
84		51
85		42
86		44
87		43
88		47
89		55
90		50
91		52
92		41
93		38
94		35
95		52
96		48
97		44
98		38
99		48
100		44
101		38
102		40
*103	Line 14	31
104		22
105		24
106		34
107		29

- plate 1

DATE February 1, 1973 SIGNED *A. G. Gauer*



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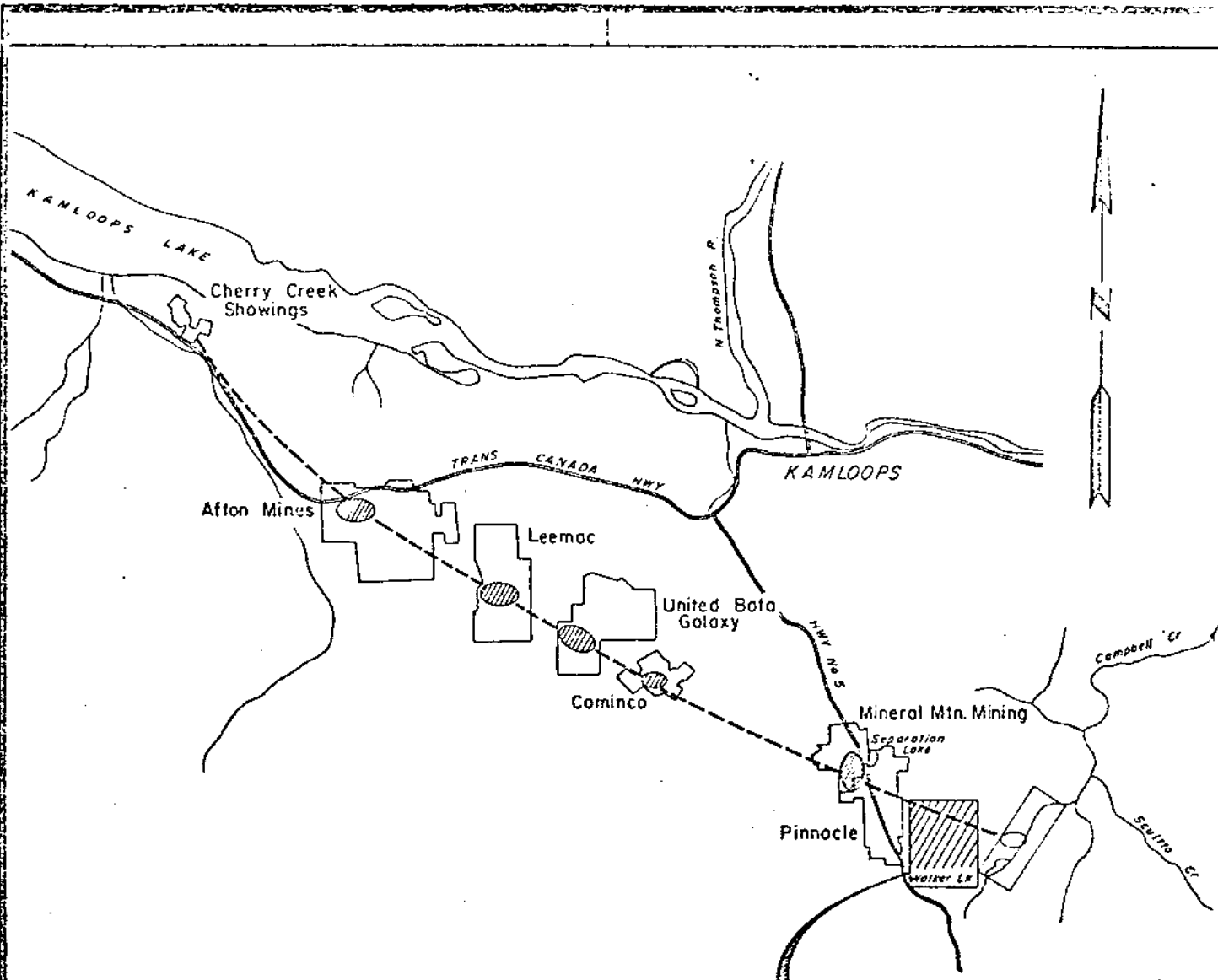
## Certificate of Analysis




REPORT NO.  
~~116~~ 116

SAMPLE(S) FROM: COMBINE RESOURCES  
PAGE 8

SAMPLE NO.	Cu ppm	
<del>108</del> 108 Line 14 18"	39	plate I
<del>109</del> 109	31	
110	27	
111 Line 16	27	
112	30	
113	30	
114	40	
115 Line 17	32	
116	41	
117	36	
118	31	
119 Line 18	28	
120	31	
121	38	
122	36	
123	35	
124	29	
125	31	
126	28	
127	27	
128	29	
129	40	
130	35	
131	37	
132	36	
133	40	
134	41	
135	38	
136	34	
137	38	

DATE February 1, 1973 SIGNED *H. Gerner*



-  Property Outline
-  Copper Mineralization
-  Mineralized Lineament

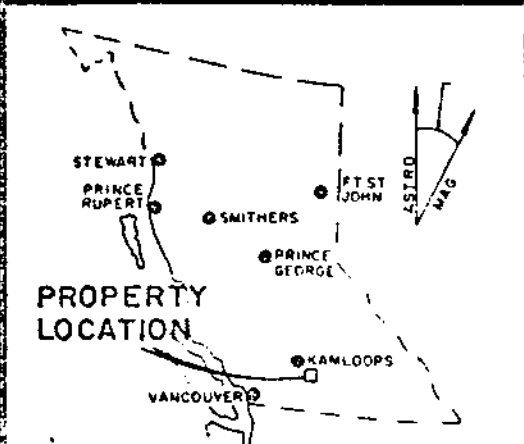
**34 CLAIMS**

Department of  
Mines and Petroleum Resources

ASSESSMENT REPORT

NO. **4448** MAP **#4**

THIS SKETCH TO ACCOMPANY PROPERTY REPORT OF COMMAND RESOURCES LTD (NPL) AND HIBERNIAN INTERNATIONAL DEVELOPMENT CORPORATION LTD BY E. AMENDOLAGINE, P. Eng.



COMMAND RESOURCES LTD. (NPL)  
HIBERNIAN INTERNATIONAL DEVELOPMENT CORP. LTD.

LOCATION MAP  
OF  
SUGI 1-12 AND MB  
KAMLOOPS AREA

SCALE IN MILES (APPROXIMATE)

E. AMENDOLAGINE

PROFESSIONAL GEOLOGIST  
OF  
BRITISH COLUMBIA



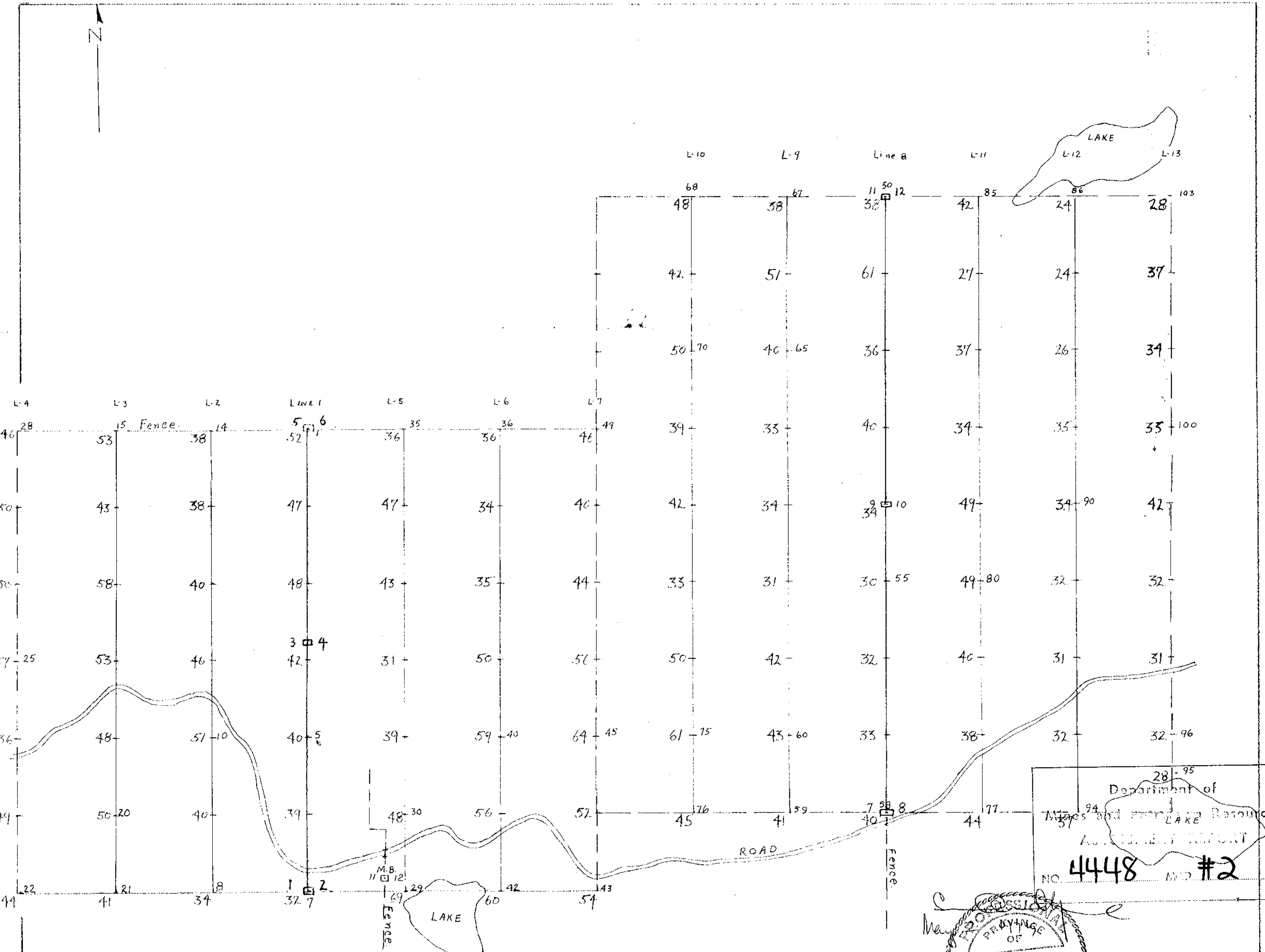




SUG1 & MB claims  
Assessment Report #4448

1. The line & sample Nos. on the SUG1 claims have no relation to those on the MB claims.
2. SUG1 lines 1-13 & samples 1-103 are on Plate II.
3. MB lines 1-13 & samples 1-102 are on Plate III.
4. MB lines 14-18 & samples 103-137 are on Plate I.
5. Going N, MB lines 2, 3, & 4 become SUG1 lines 11, 12, 13, & then MB 17, 16, 15.
6. Amendolagine's letter of Nov. 10 '78 is confused, but it supplied the clue to unravelling this disordered numbering.





M-2 4448

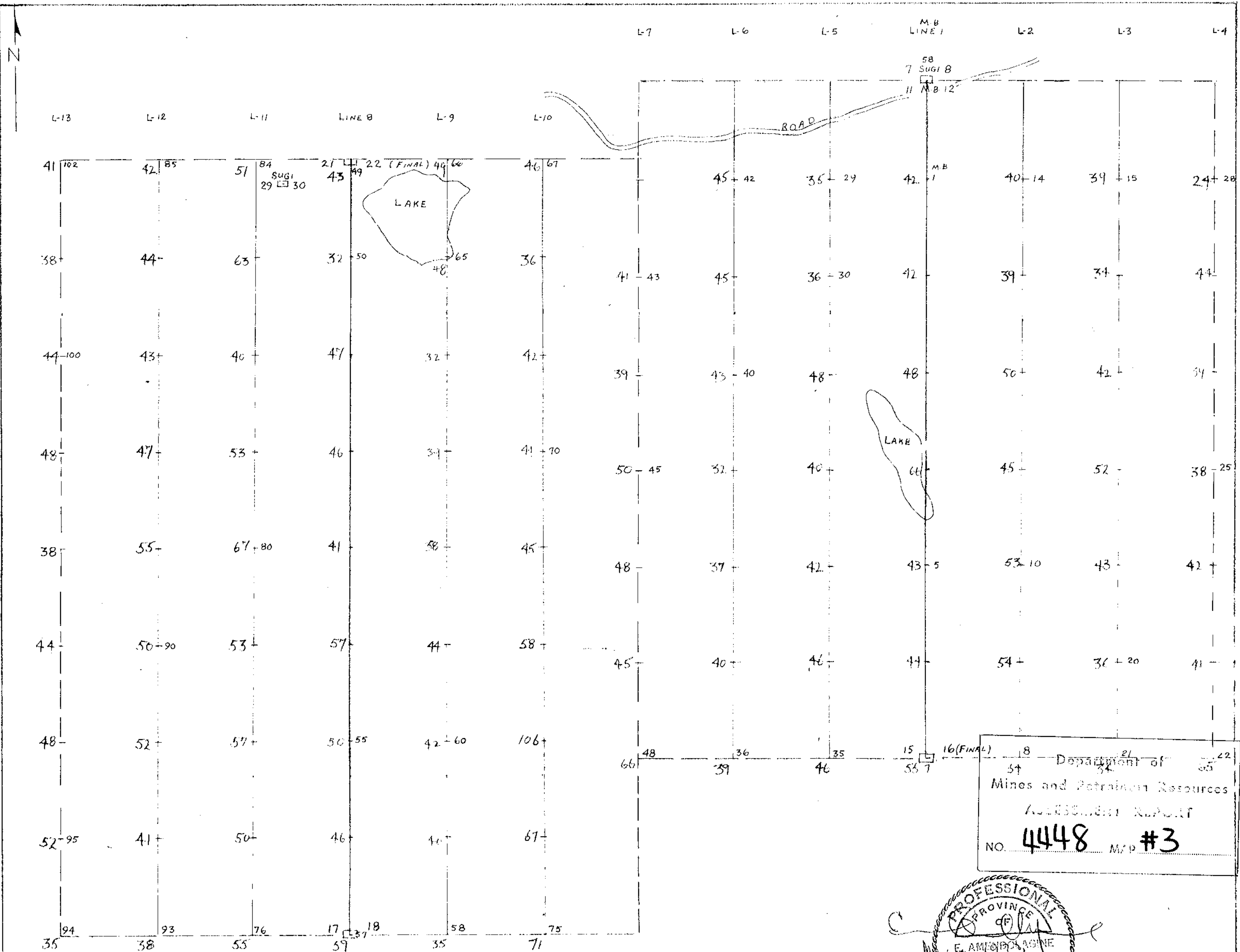
Department of  
Mines and Technical Resources  
LABORATORY REPORT  
NO. 4448 MPD #2



COMMAND RESOURCES LTD. AND  
HIBERNIAN INTERNATIONAL DEVELOPMENT LTD.  
GEOCHEMICAL SURVEY  
PLATE II

Scale: 1" = 400'

By P. Nolan 1972.



Department of  
 Mines and Petroleum Resources  
 ACCESSORY REPORT  
 NO. **4448** M.P. #3



COMMAND RESOURCES LTD. AND  
 HIBERNIAN INTERNATIONAL DEVELOPMENT LTD.  
 GEOCHEMICAL SURVEY  
 PLATE III

**M-3 4448**

Scale: 1" = 400

By P. Nolan 1972