WHITE, RADVAK & ASSOCIATES LTD.
PROFESSIONAL MINING ENGINEERS

P. S. WHITE, P.ENG. (MINING) ALTA. & Y.T.
S. RADVAK, P.ENG. (MINING) B.C. & P.QUE.

1635 - TWO BENTALL CENTRE
VANCOUVER 1, B.C.
TELEPHONE 681-4020

RECEIVED 19 FEB 1971 MINING RECORDERS OFFICE WHITEHORSE, Y.T.

SOIL SAMPLING PROGRAMME

for

BREWSTER LAKE MINES LTD.

on the

~~CASINO CLAIMS~~ ?

FOLLY & RAIN

RECEIVED FEB 24 1971 MINING INSPECTORS OFFICE WHITEHORSE, Y.T.

This report has been examined by the Geological Evaluation Unit and is recommended to the Commissioner to be considered as representation work in the amount of $ 2000

D B Craig

Resident Mining Engineer

Considered as representation work under Section 53 (4) Yukon Quartz Mining Act.

[signature]

Commissioner of Yukon Territory

Vancouver, B.C.

July 20, 1970

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S. RADVAK, P.ENG. (MINING) B.C. & P.QUE.

1635 - TWO DENTALL CENTRE
VANCOUVER 1, B.C.
TELEPHONE 681-4020

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Claims Map
Soil Sample Map

by

White, Mosford & Impey Ltd.

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SOIL SAMPLING PROGRAMME

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on the

CASINO CLAIMS

INTRODUCTION

Brewster Lake Mines Ltd. owns 97% interest in 40 mineral claims in the Casino Area.

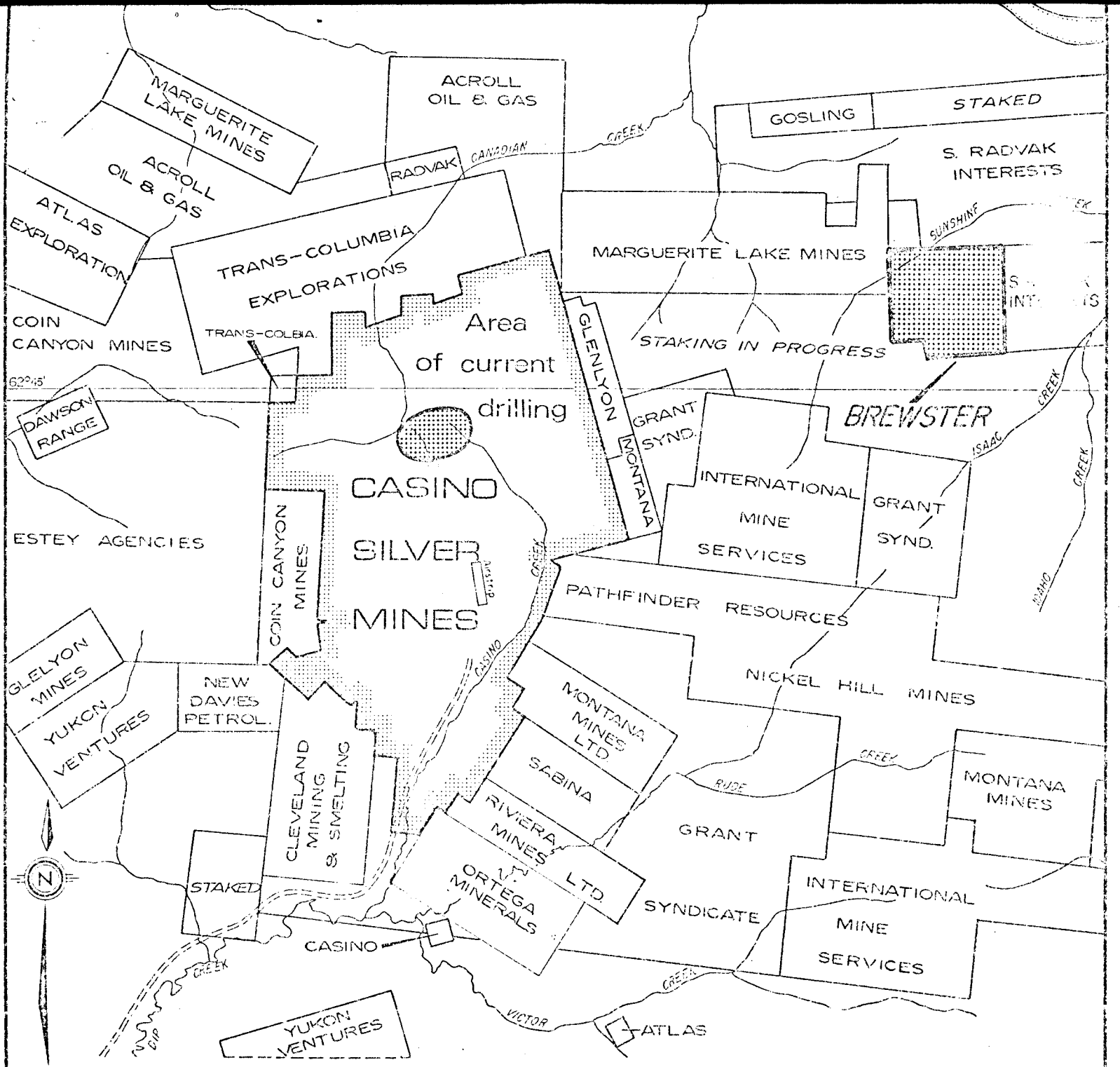
The claim group is within the Dawson Range and favourable for copper-molybdenum deposits.

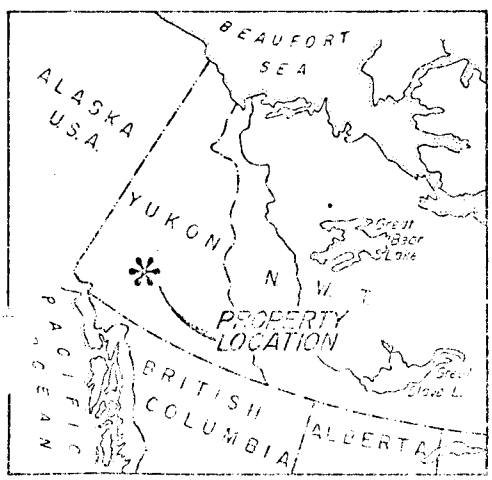
A geochemical soil survey has been completed on the property by White, Radvak & Associates Ltd.

LOCATION AND ACCESS

The claim group is approximately 190 air miles north-west of Whitehorse, Yukon, 6 miles east of the Casino Silver property where an extensive porphyry copper-molybdenum deposit is being explored.

The claims are accessible by helicopter from the Casino air strip. The claim group lies between Sunshine and Isaac Creeks.





BREWSTER MINES LTD.

MAP SHOWING PROPERTY IN THE DAWSON RANGE

YUKON TERRITORY

SCALE IN MILES

2 1 0 2 4 6

Altair, June 1970

WHITE, RADVAK & ASSOCIATES LTD.
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PROPERTY

The property consists of the following claims:

Claim Numbers	Registration Numbers
Folly 23 - 32	Y43021 - Y43030
Folly 45 - 54	Y43043 - Y43052
Folly 67 - 76	Y43065 - Y43074
Folly 89 - 98	Y43089 - Y43098
Rain 1 - 9	Not available

Rain 1 - 9 were staked by White, Radvak & Associates Ltd. for Brewster Lake Mines Ltd., to cover open ground available.

GENERAL GEOLOGY

The claim group is underlain by granodiorites. About one-third of the claims (easterly) are covered by permafrost. Overburden is fairly heavy with only 4 outcrops located on the whole group.

GRID PREPARATION

Control base lines were blazed and picketed at 1,400 foot centres in the north-south direction. Three lines were run in the east-west direction. On checking the Folly 89 - 98 claims, it was found that the line was run almost north-west and resulted in open ground. The Rain 1 - 9 claims were staked to cover the open ground at no cost to Brewster Lake Mines Ltd.

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Pickets were installed and flagging marked at 400-foot centres in the east-west and north-south directions.

GEOCHEMISTRY AND SAMPLING

All the samples were taken at 400-foot intervals and were analyzed for copper at Barringer Research Laboratory in Whitehorse, Yukon. The samples were taken using a mattock. The grid pattern used in the field was marked on the bag to correspond with the plan. A total of 593 samples were taken from the property.

RESULTS AND RECOMMENDATIONS

The results of the geochemical survey are presented on a map scaling 1" = 60 feet. There is an anomaly with at least three times the background measuring 800 feet by 1500 feet as shown on claim Main S. The east part of the property is disappointing as the results are of no value due to heavy permafrost. Proper soil samples were not possible. This does not rule out the east side of the property but some geophysical method such as Induced Polarization should be attempted at a later date.

Assessment work has been completed to keep the claims for one year, and should be recorded.

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No more work should be done this year unless the major companies in the immediate vicinity come up with exceptional results this season. The claim group is underlain by favourable rocks for a porphyry copper deposit but the initial work was only partly successful in outlining any areas for further work.

Respectfully submitted,

S. RADVAK, P. Eng.

WHITE, RADVAK & ASSOCIATES LTD.

BARRINGER RESEARCH

BARRINGER RESEARCH LIMITED
304 CARLINGVIEW DRIVE
REXDALE, ONTARIO, CANADA
PHONE: 416-677-2491
CABLE: BARESEARCH

Geochemical Laboratory Report

DATE July 7, 1970

White, Radvark & Associates
P.O.Box 1188
Whitehorse, Y.T.

Attention: Mr. B. Macdonald

REPORT NUMBER 39-A

SAMPLE NUMBER	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm
L0N+0E	33		L8N 0E	29		L12N 12E	20		L16N 04W	22
4E	22		4E	20		16E	18		08W	26
8E	26		8E	40		20E	20		12W	30
12E	23		12E	33		24E	21		16W	22
16E	23		16E	25		28E	31		20W	36
20E	22		20E	20		32E	19		24W	23
24E	27		24E	22		36E	28		28+00W	28
28E	14		28E	29		40E	18		L20N 0+00E	14
32E	19		32E	20		44E	18		4E	14
36E	30		36E	13		48E	29		8E	22
40E	20		40E	31		52E	26		12E	21
44E	21		44E	31		56E	18		16E	19
48E	19		48E	22		60E	12		24E	23
52E	16		52E	NS		64E	40		28E	17
56E	12		56E	36		68E	37		32E	16
60E	13		60E	14		72E	13		36E	20
64E	19		64E	31		16N 0+00E	27		40E	13
68E	14		68E	29		04E	30		44E	18
72E	16		72E	15		08E	26		48E	17
L0N+4W	16		L12N 8E	16		12E	21		52E	13

SAMPLE NUMBER	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm
L20N+56E	NS		60E	NS		64E	12		64E	16
60E	19		64E	NS		68E	18		68E	16
64E	25		68E	13		72E	16		L32N+00N 72+00E	11
68E	17		72E	24		L28N 04W	20		L32N 4W	33
72E	19		L24N 4W	32		08W	29		8W	28
L20N+04W	30		8W	17		12W	34		12W	20
08W	36		12W	24		16W	20		16W	19
12W	28		16W	29		20W	18		20W	26
16W	31		20W	22		24W	16		24W	24
20W	24		24W	26		28W	25		28W	21
24W	24		28+00 W	23		32N0E	22		L36N 0+00E	21
28+00W	42		L28N 0E	19		4E	19		4E	19
L24N0+00E	20		4E	20		8E	17		8E	21
04E	23		8E	26		12E	29		12E	14
08E	15		12E	25		16E	20		16E	19
12E	16		16E	28		20E	17		20E	16
16E	21		20E	23		24E	11		24E	19
20E	19		24E	22		28E	16		28E	11
24E	15		28E	21		32E	56		32E	10
28E	9		32E	17		36E	12		36E	14
32E	28		36E	18		40E	11		40E	12
36E	15		40E	21		44E	12		44E	13
40E	13		44E	21		44E	18		48E	30
44E	15		48E	14		48E	19		52E	10
48E	16		52E	15		52E	16		56E	13
42E	17		56E	20		56E	18		60E	23
56E	16		60E	12		60E	28		64E	21

SAMPLE NUMBER	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm
L36N 0+68E	14		L40N 72E	21		L44N 8W	16		L48N 12W	13
72E	16		8W	16		12W	19		16W	12
4W	30		12W	12		16W	20		20W	15
8W	24		16W	11		20W	13		24W	11
12W	22		20W	20		24W	34		28W	13
16W	15		24W	15		28W	14		L52N 4E	11
20W	19		28W	11		L48N 0+00	10		8E	10
24W	27		L44N 0+00	34		4E	14		12E	12
28W	21		4E	24		8E	36		16E	12
L40N 0+00E	21		8E	30		12E	26		20E	20
4E	33		12E	16		16E	20		24E	20
8E	18		16E	25		20E	19		28E	11
12E	21		20E	12		24E	19		32E	11
16E	21		24E	14		28E	25		36E	15
20E	24		28E	21		32E	16		40E	14
24E	14		32E	11		36E	22		44E	13
28E	18		36E	15		40E	19		48E	12
32E	10		40E	16		44E	10		52E	15
36E	12		44E	12		48E	16		56E	10
40E	20		48E	16		56E	24		60E	7
44E	10		52E	16		L48N 56E	25		64E	16
48E	20		56E	18		60E	21		68E	16
52E	11		60E	18		64E	18		72E	14
56E	17		64E	13		68E	15		L52N 0	27
60E	20		68E	10		72E	10		4W	8
64E	27		72E	9		4W	22		8W	14
68E	9		4W	19		8W	20		12W	16

SAMPLE NUMBER	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total cu ppm
L52N 16W	15		L56N 16W	16		L60N 16W	19		L68N 12E	26
20W	11		20W	8		20W	14		16E	26
24W	12		24W	14		24W	9		20E	20
28W	10		28W	10		28W	11		24E	15
L56N 0E	15		L60N 0E	17		L64N 0	20		28E	11
4E	17		4E	33		4E	26		32E	18
8E	14		8E	25		8E	19		36E	19
12E	22		12E	22		12E	11		40E	21
16E	14		16E	19		16E	16		44E	20
20E	12		20E	12		20E	18		48E	39
24E	15		24E	22		24E	21		4W	13
28E	NS		28E	22		28E	16		8W	14
32E	16		32E	NS		32E	38		12W	11
36E	11		36E	17		36E	16		16W	14
40E	18		40E	18		40E	16		20W	13
44E	14		44E	18		44E	21		24W	10
48E	8		48E	10		48E	21		28W	14
52E	14		52E	14		4W	20		L72N 0+00	13
56E	12		56E	20		8W	14		4E	37
60E	14		60E	10		12W	14		8E	18
64E	IS		64E	20		16W	14		12E	12
68E	14		68E	14		20W	12		16E	11
72E	13		72E	23		24W	10		20E	23
L56N 0	14		L60N 0	15		28W	9		24E	20
4W	16		4W	14		L68N 0	21		28E	17
8W	14		8W	17		4E	20		32E	21
12W	11		12W	17		8W	25		36E	24

SAMPLE NUMBER	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm
L72N 40E	16		L76N 44E	13		76N-8W	15		84N 56E	11
44E	14		48E	26		12W	14		60E	10
48E	22		52E	17		16W	17		64E	13
52E	18		56E	17		20W	17		68E	12
56E	19		60E	20		24W	10		72E	10
60E	26		64E	22		28W	12		84N 4W	10
64E	27		68E	23		80N 4W	14		8W	18
68E	42		72E	36		8W	21		12W	12
72E	39		L80N 0E	33		12W	29		16W	13
4W	16		4E	10		16W	15		20W	17
8W	13		8E	12		20W	17		88N 0W	12
12W	20		12E	10		24W	25		4W	20
16W 16W	20		16E	12		28W	19		8W	15
20W	14		20E	23		84N 0E	27		12W	15
24W	19		24E	20		4E	7		16W	14
28W	10		28E	13		8E	10		20W	9
L76N 0+00E	13		32E	12		12E	20		24W	12
4E	20		36E	18		16E	17		28W	16
8E	18		40E	13		20E	16		92N 0+00	15
12E	15		48E	9		24E	21		4W	19
16E	12		52E	10		28E	17		8W	37
20E	26		56E	11		32E	29		12W	11
24E	18		60E	12		36E	21		16W	12
28E	24		64E	9		40E	12		20W	21
32E	15		68E	10		44E	13		24W	10
36E	12		80N+ 72E	12		48E	14		28W	19
40E	22		76N-4W	13		52E	12		BL96 0	41

SAMPLE NUMBER	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm		Sample Number	Total Cu ppm
L96 4W	16		L108N 24W	14		L4N 32E	26			
8W	21		28W	11		36E	17			
12W	12		L112 0W	14		40E	23			
16W	10		4W	32		44E	21			
20W	13		8W	16		48E	14			
24W	18		12W	27		52E	20			
28W	12		16W	46		56E	26			
L100 8W	16		20W	NS		60E	17			
12W	18		24W	16		64E	31			
16W	54		L112 28W	60		68E	18			
20W	39		L120N 0+00	36		L4N72E	19			
24W	18		400W	52		16E L16N	23			
L100-28W	16		800W	42		20E	20			
L104-00W	48		1200W	38		24E	22			
4W	40		1600W	48		28E	22			
8W	39		2000W	32		32E	12			
12W	42		2400W	44		36E	16			
16W	34		2800W	20		40E	NS			
20W	29		400E	25		44E	46			
24W	6		L4N 0E	23		48E	34			
28W	17		4E	23		52E	23			
L108N 0+00	51		8E	34		56E	17			
4W	105		12E	20		60E	19			
8W	45		16E	21		64E	17			
12W	69		20E	23		68E	11			
16W	22		24E	16		72E	16			
20W	37		28E	26		20E	36			

PLAN SHOWING
COPPER GEOCHEMICAL GRID
ON
FOLLY & RAIN MINERAL CLAIMS
FOR BREWSTER LAKE MINES LTD.
YUKON TERRITORY

MAP SHEET 115 J 15
DATE JULY, 1970.
SCALE 1" = 60'
Contour Lines are 10 PPM intervals with cutoff at 90 PPM
Samples assayed for copper only

WHITE, HOSFORD & IMPEY LTD.
WHITEHORSE Y.T.

FOLLY 101
FOLLY 102
FOLLY 100
FOLLY 99
FOLLY 98
FOLLY 97
FOLLY 96
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FOLLY 23
RAIN 9
RAIN 8
RAIN 7
RAIN 6
RAIN 5 Fr.
RAIN 4
RAIN 3
RAIN 2
RAIN 1 Fr.
BASELINE
23+00W / Grid Limit
18+00W
13+00W
8+00W
3+00W
0+00E
3+00E
8+00E
13+00E
18+00E
120+00N
96+00N
72+00N
48+00N
24+00N
0+00N