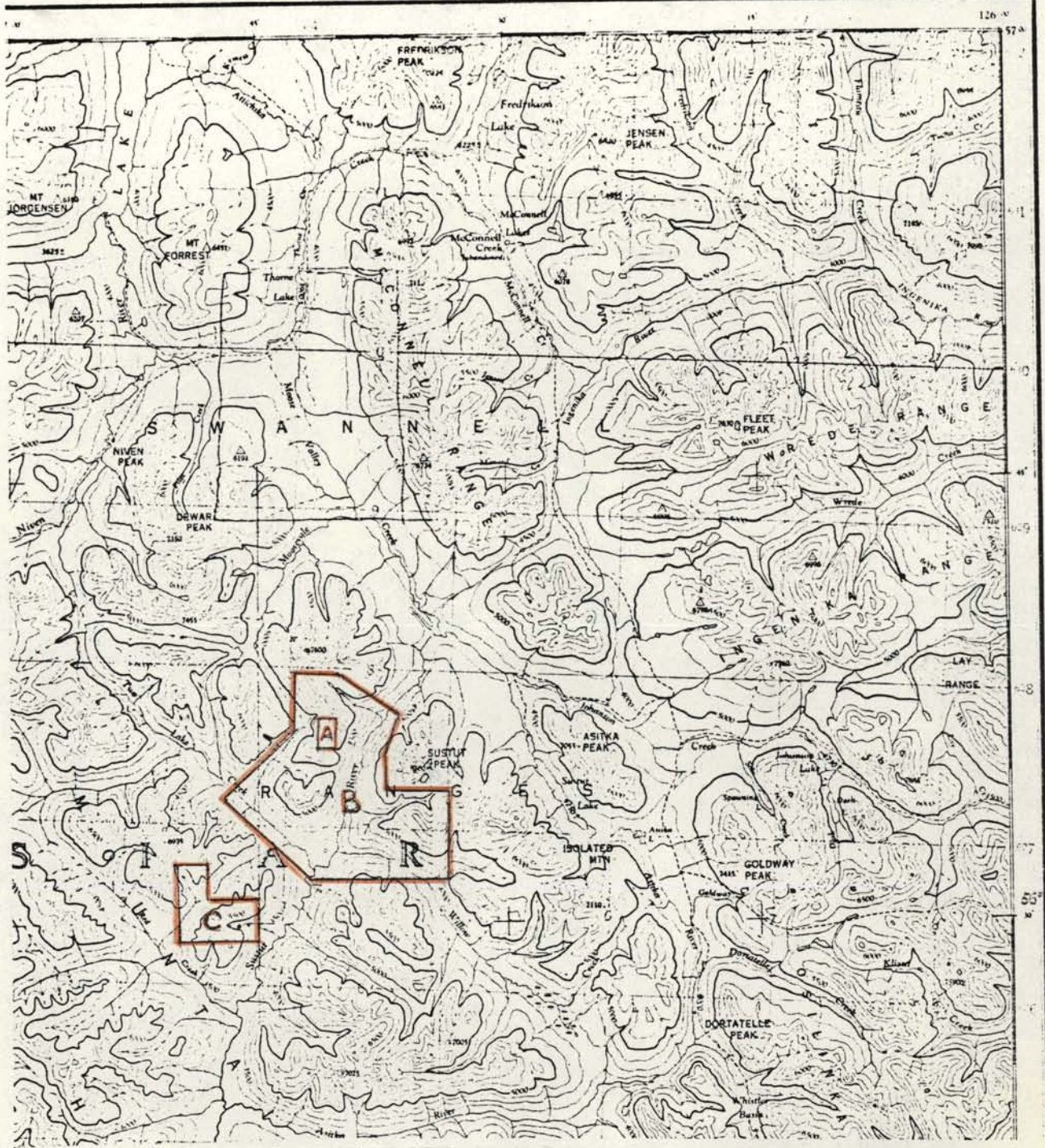


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Location Map	Before P. 1
#1 Fig. S-1/72 - Topographic Map Area A-B	In pocket
#2 Fig. S-2/72 - Topographic Map Area C	In pocket
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#4 Location Plan	
APPENDIX:	
A. Lockwood Survey Corp. invoices	Follows P. 4



WESFROB MINES LIMITED
LOCATION PLAN

4198

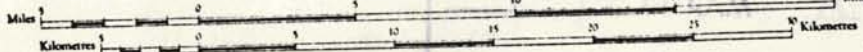
TOPOGRAPHIC MAPS - AREAS A-B, C

McCONNELL CREEK
BRITISH COLUMBIA

M-4

Projection
in 1927

Scale 1:250,000
1 Inch to 4 Miles Approximately



REPORT ON
PRODUCTION OF TOPOGRAPHIC SURVEY MAPS
For Use In
Sustut River-Moosevale Creek Area
56°35' N. Lat., 126°40' W. Long.

INTRODUCTION

In order to have a base map on which geological mapping data can be plotted, Lockwood Survey Corporation, West Coast Division, Vancouver were commissioned to produce a topographic map from data supplied by published Department of Lands and Forests maps, by survey data produced in the field by the staff of Wesfrob Mines Limited and from Federal Government and private Lockwood Survey Corp. aerial photographs.

LOCATION

The areas of topographic mapping produced by Lockwood Survey Corporation are as follows and located with respect to the coordinates as shown:

<u>Mining District</u>	<u>Area</u>	<u>Lat.</u>	<u>Long.</u>	<u>Fig.</u>
Omineca	Area A-B	56°36'25"	126°40'20"	S-1/72
Omineca	Area C	46°30'00"	126°46'10"	S-2/72

DATUM INFORMATION

Lockwood Survey Corporation, West Coast Division, Vancouver, who are qualified, licenced and well equipped to carry out photogrammetric work, were commissioned to produce topographic maps on 400 ft. = 1 inc. scale of two areas totaling 39 sq. mi. and six sq. mi. respectively. They were given a Wesfrob survey plan (Fig. S-3/72) showing

locations and elevations of hundreds of points located by G. Thomassen, a Wesfrob staff surveyor. Utilizing available Dept. of Lands and Forests survey locations and elevations for such triangulation and elevation points as Dewar Peak, Sustut Peak, Asitka Peak and Sustut Lake and Federal high level air photographs A22416, 197-199, they were able to produce topographic maps (Fig. S1/72) of Area B on a scale of 400' = 1" with 50-foot contours including a map of Area A at a scale of 200' = 1" with 25-foot contours as well as a topographic map (Fig. S2/72) at a scale of 400' = 1" with 50-foot contours. Because the 400 and 200 scale maps are so large and cumbersome they have been reduced to 1000' = 1" for the purpose of this submission.

ASSESSMENT APPLICATION AND COSTS USED

Although this topographic map has been produced for use in compiling a detailed geologic map of the area which will not be completed until late 1973 or early 1974, application is being made for assessment credit covered by that part of the expense of producing these topographic maps which is applicable on a basis of one square mile per claim. Topographic maps B and C total 45.81 sq. mi. giving a cost per sq. mi. of $\frac{\$5409.57}{45.81}$ or \$118.09.



D. H. Brown, P.Eng.

Vancouver, B.C.
January 19, 1973

DOMINION OF CANADA:
PROVINCE OF BRITISH COLUMBIA.
To Wit:

In the Matter of

Report on Production of Topographic
Survey Maps for use in Sustut River-
Moosevale Creek Area.
56°35' N. Lat., 126°40' W. Long.

I, D. H. Brown

of 504 - 1112 West Pender Street, Vancouver 1,

in the Province of British Columbia, do solemnly declare that topographic maps S-1/72 and S-2/72 were produced under my direction by Lockwood Survey Corporation covering an area of 45.81 sq.mi. including the mineral claims mentioned below and at the costs set out below as taken from the Lockwood Survey Corporation's invoices indicated.

Invoice No.	Date	Portion Applicable
7786	Dec. 28, 1972	\$4,760.00
7790	Dec. 29, 1972	502.00
7791	Dec. 29, 1972	134.40
1543C	Jan. 12, 1973	13.17
Topographic mapping expense		<u>\$5,409.57</u>

CREDITS CLAIMED

Figure	Map	Portion	Sq. Mileage	Claim Gp.	Claims	Assessment Value
S-1/72	Area B	South part)	23.104	(Ungrouped	Will 4-16	\$1,300
"	"	" ")		(Purple	Will 1-3	300
"	"	" ")		(Orange	Will 17-20	400
"	"	" ")		("	Willow 49-52	400
"	"	" ")		("	Willow 27,28	200
"	"	" ")		("	Sustut 132	100
						<u>\$2,700</u>
S-1/72	Area A-B	North part	11.840	Green	Sustut 54,56-58,60, 112,114,116,120	900
				Blue	Sustut 55,117,122,128	400
						<u>1,300</u>
S-2/72	Area C	All	<u>6.088</u>	Day Gp.	Fir 3,5,7,9-12	<u>700</u>
TOTAL CLAIMED			41,032 sq.mi.			<u>\$4,700</u>

And I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the "Canada Evidence Act."

Declared before me at the City
of Vancouver, in the
Province of British Columbia, this 22nd
day of January, 1973, A.D.

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

Sub-mining Recorder



WESFROB MINES LIMITED

(A wholly owned subsidiary of Falconbridge Nickel Mines Limited)

1112 West Pender Street
Vancouver 1, B.C., Canada

Tel.(604) 682-6242

Telex 04-53245

January 19, 1973

The Mining Recorder
Omineca Mining Division
Smithers, B.C.

Re: Statement of Qualifications

Dear Sir:

This is to certify that the production of the accompanying topographic maps was carried out under my supervision.

Concerning datum information developed on the property and used by Lockwood Surveys Corporation in the production of the topographic maps, a base elevation of 5872 feet was established at the origin of the property survey (56°36'25" N. Lat., 126°40'20" W. Long.) through the use of the Sensitive Altimeter mounted in the Company-owned Hiller HF-1100 helicopter which has a sensitivity rated at $\pm \frac{20}{3}$ feet. The altimeter was adjusted to the elevation 4250 ft.

at the surface of Sustut Lake over the course of three days and the 5872-foot bench mark was established over the same period.

From the origin bench mark, elevations were carried to hundreds of locations over the main part of the property by Gunnar Thomassen, a qualified surveyor, using a Wild A-1 transit. Mr. Thomassen has been employed by Falconbridge Nickel Mines Limited and Wesfrob Mines Limited over the past seven years as a surveyor.

I am a graduate of the University of British Columbia with a B.A.Sc. degree in Geological Engineering and am a member of the Associations of Professional Engineers of British Columbia and Ontario.

Yours very truly,

WESFROB MINES LIMITED

David H. Brown, P.Eng.

DHB:jr

Lockwood



Survey Corporation Limited

INVOICE

West Coast Division

1409 West Pender Street, Vancouver 5, B.C., Canada, Telephone 683-6501,

Cables: Canlock

Wesfrob Mines Ltd.,
501 - 1112 West Pender Street,
Vancouver 1, B.C.

INVOICE NO.	7786
DATE	Dec. 28, 1972
YOUR ORDER NO.	
JOB NO.	72-238
PACKING SLIP NO.	
SHIPPED VIA	

Authority: Letter November 1, 1972, File XF-70-164-1 Mr. G. Harper

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
TO:	Completion mapping to December 31st, 1972		
	1) Topographic mapping in manuscript form of your areas of interest in the Sustut River area, B.C. as follows:		
	Area "A" 200 ft/in with a 25 ft. contour interval		
	Area "B" 400 ft/in " " 50 " " "		
	Area "C" 400 ft/in " " 50 " " "		
	Lump Sum	\$4,250.00	
	12% Federal Sales Tax	510.00	\$4,760.00
	2) Supplying		
	(a) 1 additional set of prints per P.S. No. 6518 November 17, 1972 - 26 prints		
	1 @ \$4.50	\$ 4.50	
	5 @ \$3.50 each	17.50	
	20 @ \$1.50 each	30.00	\$52.00
	(b) 1 additional order of prints per P.S. No. 6546 November 24, 1972 - 33 prints		
	1 @ \$4.50	\$4.50	
	5 @ \$3.50 each	17.50	
	27 @ \$1.50 each	40.50	62.50
	12% Federal Sales Tax	\$114.50	
	5% Provincial Sales Tax on \$128.24	13.74	
		6.41	134.65
	TERMS: NET CASH. INTEREST CHARGED ON OVERDUE ACCOUNTS		\$4,894.65

60% 119 A2
40% 164 A2

Approved for Payment
Date
Code

119 A2	293679	CODING	O.K. TO PAY
164 A2	195786		
		POSTED	
TOTAL	489465		

Lockwood Survey Corporation Limited



West Coast Division
 1409 West Pender Street, Vancouver 5, B.C., Canada, Telephone 683-6501,
 Cables: Canlock

INVOICE

QTY	UNIT	PRICE	TAX	F.S.T.	P.S.T.	FOB

Wesfrob Mines Ltd.,
 501 - 1112 West Pender Street,
 Vancouver 1, B.C.

Attn.: Dr. Gerald Harper

INVOICE NO. 7790
 DATE Dec. 29, 1972
 YOUR ORDER NO.
 JOB NO. 72-271
 PACKING SLIP NO.
 SHIPPED VIA

*60% 119A2
 40% 164A2*

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
TO:	Completion:		
	Additional services in connection with mapping in the Sustut River Area:		
	1) 1 inch equals 400 ft. pencil manuscript mapping to complete the original area. Lump Sum	\$450.00	
	2) Enlargement of area "A" of mapping area from 1 inch equals 400 ft. to 1 inch equals 200 ft. Lump Sum	180.00	
	3) Two photographic enlargements, one @ 1000 ft/in and one @ 400 ft/in being a portion of print No. 22035B. Lump Sum	52.00	
	4) One double weight matte print of the following: 22495B - 22500B; 22505B - 22510B.		
	1 @ \$ 4.50	4.50	
	5 @ \$3.50 each	17.50	
	6 @ \$1.50 each	9.00	
		<u>31.00</u>	
		\$713.00	
	12% Federal Sales Tax	85.56	
	5% Provincial Sales Tax on \$294.56	14.73	
	TERMS: NET CASH. INTEREST CHARGED ON OVERDUE ACCOUNTS		\$813.29

[Signature]
 Approved For Payment
 Date.....
 Code.....

			CODING	O.K. TO PAY
J 119A2	487	97		
J 164A2	325	32		
TAL	813	29		

Lockwood



Survey Corporation Limited

West Coast Division

1409 West Pender Street, Vancouver 5, B.C., Canada, Telephone 683-6501,

Cables: Canlock

INVOICE

Wesfrob Mines Ltd.,
5th Floor - 1112 West Pender Street,
Vancouver, B.C.

Attn.: Dr. G. Harper

INVOICE NO.	7791
DATE	Dec. 29, 1972
YOUR ORDER NO.	
JOB NO.	72 - 271
PACKING SLIP NO.	
SHIPPED VIA	

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	TO: Completion, Mapping Extension: 1 inch equals 400 ft. pencil manuscript mapping with a 50 foot contour interval of extended area as directed. Lump Sum	\$170.00	
	Less credit due re. final costing on completion of the original mapping area	50.00	
	Net Charges	\$120.00	
	12% Federal Sales Tax	14.40	
			<u>\$134.40</u>

119 J		80.64
164 J		53.76
TOTAL		134.40
CODING	D.K. IS PAY	POSTED
<i>Q</i>	<i>Q</i>	

Q

TERMS: NET CASH, INTEREST CHARGED ON OVERDUE ACCOUNTS

Lockwood



Survey Corporation Limited

INVOICE

West Coast Division

1409 West Pender Street, Vancouver 5, B.C., Canada, Telephone 683-6501,

Cables: Canlock

Wesfrob Mines Ltd.
1112 West Pender Street,
Vancouver, B.C.

Attention: Mr. Dave Brown

*Rec'd. S.H.B.
Pr. 164 - 305.11*

INVOICE No. 1543-C
DATE 12th January 1973
YOUR ORDER No.
JOB No. C-6602
PACKING SLIP No. 2770-C
SHIPPED VIA Deliver

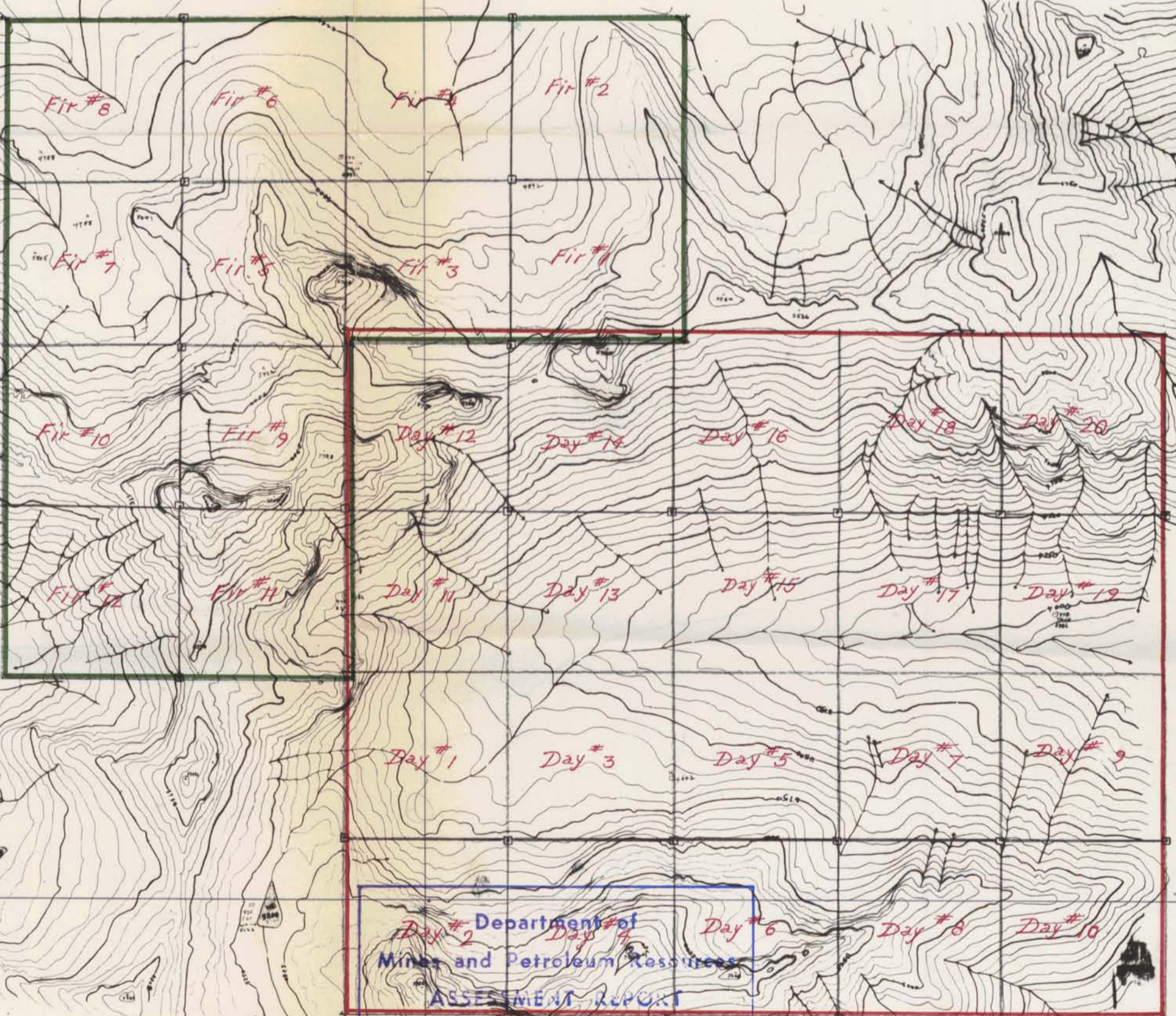
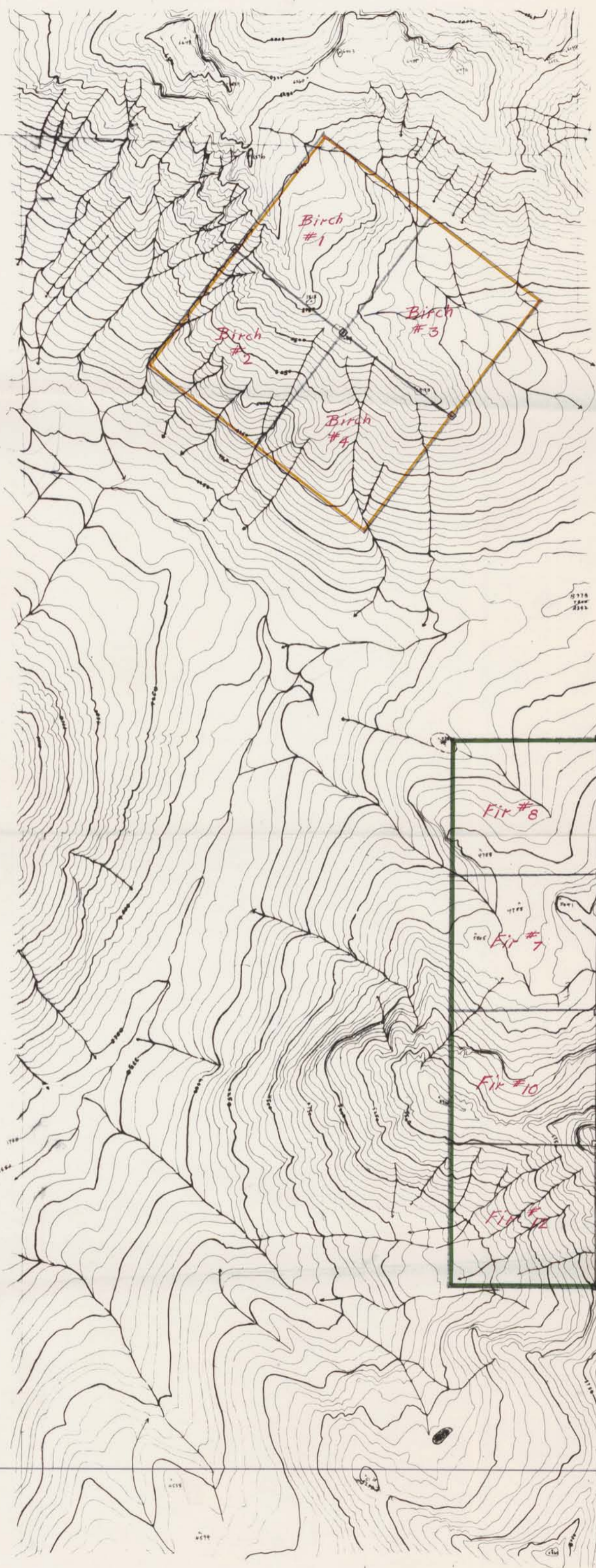
QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
Two	Ozolid copies of each of two manuscripts at a scale of 1" = 400'	\$11.20	
	12% Federal Sales Tax	<u>1.34</u>	
		\$12.54	
	5% Provincial Sales Tax	<u>.63</u>	
			<u>\$13.17</u>

P.O. No.	DATE	AMOUNT	TERMS	P.S.T.	P.S.T.	FOR

PN 164 I		13	17
TOTAL		13	17
CASH PAID TO PAYEE			POSTED
<i>[Signature]</i>	<i>[Signature]</i>		(P)

NOTE: STATEMENTS WILL NOT BE MAILED.
KINDLY USE THIS INVOICE FOR REMITTING PURPOSES.

TERMS: NET CASH. INTEREST CHARGED ON OVERDUE ACCOUNTS

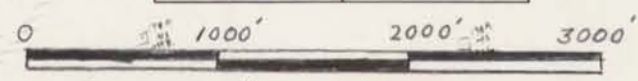


Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 4198 MAP #2

D. W. Brown

WESPROB MINES LTD	
SUSTUT RIVER B.C. AREA 'C'	
SCALE: 1" = 1000'	CONTOUR: 50'
DATE OF PHOTOGRAPHY: FEB. 1973	INSTRUMENT: 74D/10
CLIENT'S	
REPRODUCTION: MAP	PENCIL MANUSCRIPT
Lockwood Survey Corporation Ltd	72-238

Approx
126° 46' 10"



Jan 19, 1973

Scale 1" = 1000 FEET

Fig. S-2/72

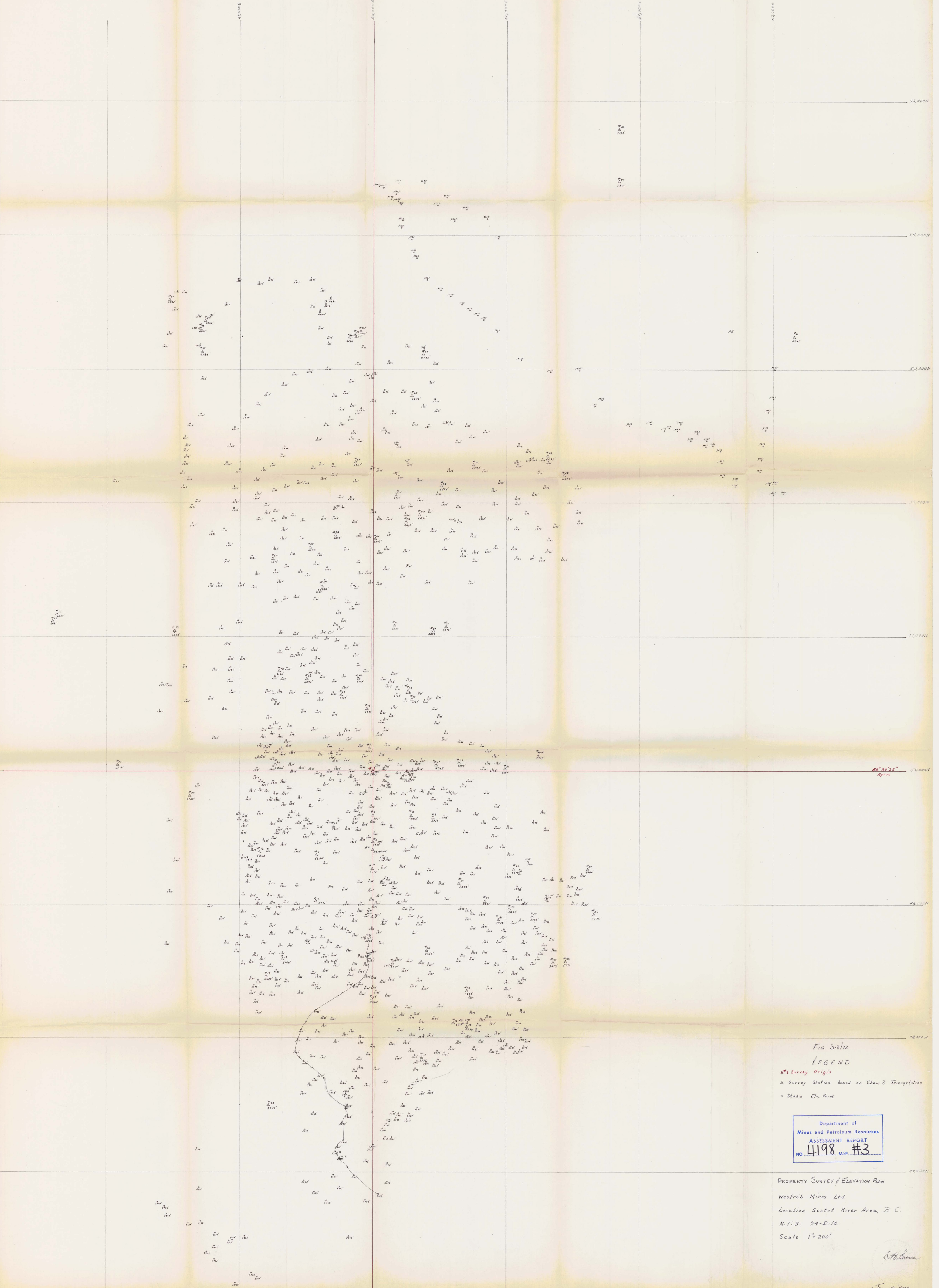


Fig. S-3/72

LEGEND

- ▲ Survey Origin
- △ Survey Station based on Chain & Triangulation
- Stadia Elev. Point

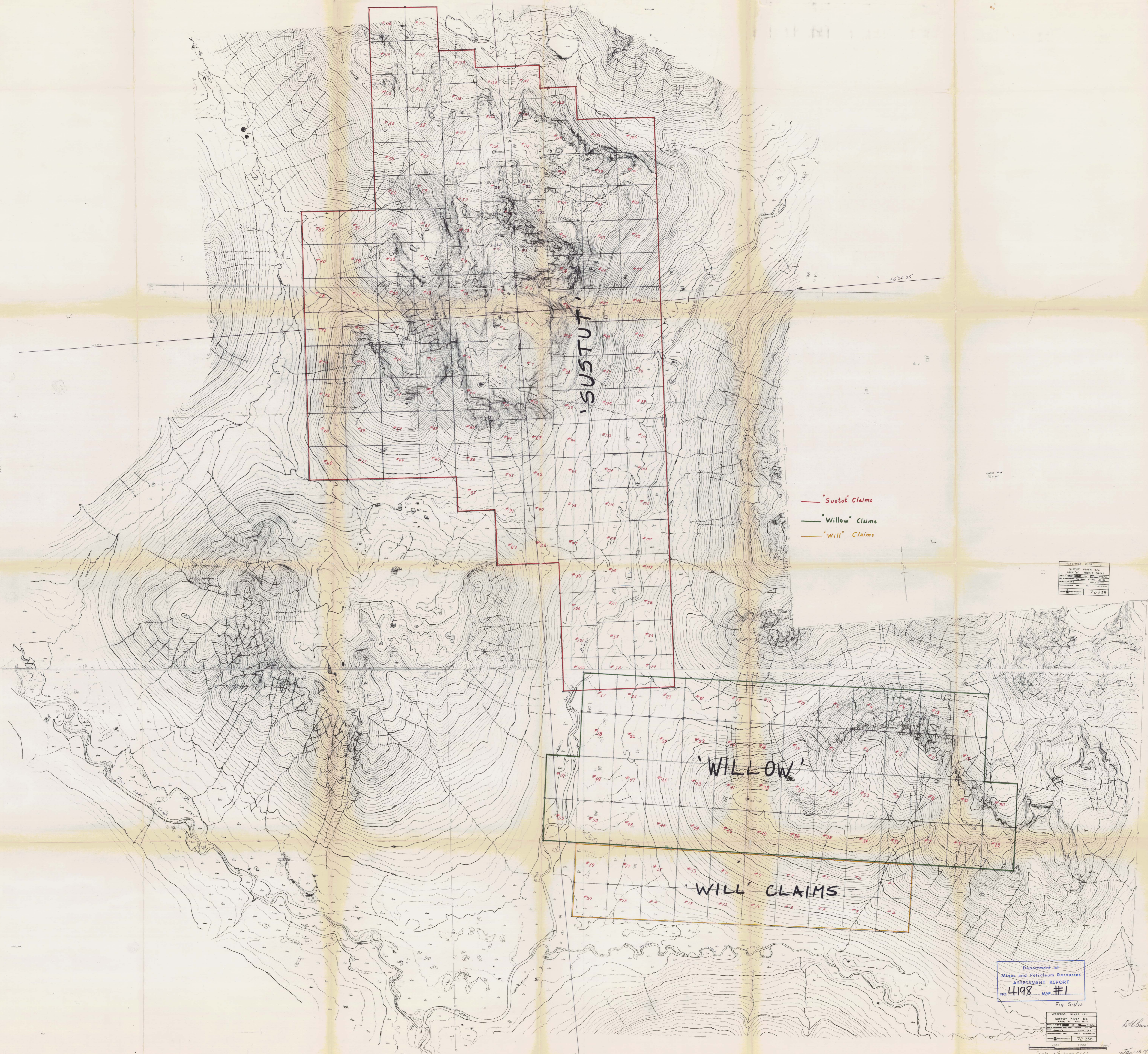
Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 4198 MAP #3

PROPERTY SURVEY & ELEVATION PLAN
 Westrob Mines Ltd.
 Location Sustut River Area, B.C.
 N.T.S. 94-D-10
 Scale 1"=200'

St. Brown

Jan 19, 1973

126 40' 20" Approx



— "Sustut" Claims
— "Willow" Claims
— "Will" Claims

WILLOW MINES LTD.	
SUSTUT AREA S.C.	
AREA IN FIGURE SHEET	
NO.	DATE
72-258	

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO 4498 MAP #1

Fig S-4/72

WILLOW MINES LTD.	
SUSTUT AREA S.C.	
AREA IN FIGURE SHEET	
NO.	DATE
72-258	

Scale 1" = 1000 FEET

S. Moran

Jan 19 1973

Approx
126°40'20"