

5093

SILVER STANDARD MINES LTD. (N.P.L.)

DRILLING REPORT

104G/3W

on

MINERAL CLAIMS

Bik. 34 - 37, 41 - 45, 47 - 55, 57 - 61,
221 - 223 inclusive and Bik. 63,
Bik. 12 - 16 Fraction inclusive
Known as Bik. South Claim Group

57° 131° NW

Galore Creek District - Liard M.D., B. C.

by

James H. McAusland, P. Eng.
Silver Standard Mines Ltd. (N.P.L.)
Vancouver, B. C.

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT

CLAIMS HELD BY

NO. **5093** MAP

52-1/4% by Silver Standard Mines Ltd. (N.P.L.)
808 - 602 West Hastings Street
Vancouver 2, B. C.

45% by American Smelting and Refining Co.
504 - 535 Thurlow Street
Vancouver, B. C.

2-3/4% by Scurry - Rainbow Oil Limited
709 - 8th Avenue South West
Calgary, Alberta

Work performed on a total of 15-1/2 days between June 26, 1974 and July 26, 1974.

TABLE OF CONTENTS

SUMMARY AND DISCUSSION	Page 1
SUMMARY OF COSTS	Page 2
LOCATION OF BIK NORTH AND SOUTH	Fig. 1
Claim Groups 1" - 4 mi	
QUALIFICATIONS OF AUTHOR	Page 3
DIAMOND DRILL HOLE LOG DDH BIK 74-3	
DIAMOND DRILL HOLE LOG DDH BIK 74-6	
COPIES OF SUPPORTING INVOICES	

ATTACHED

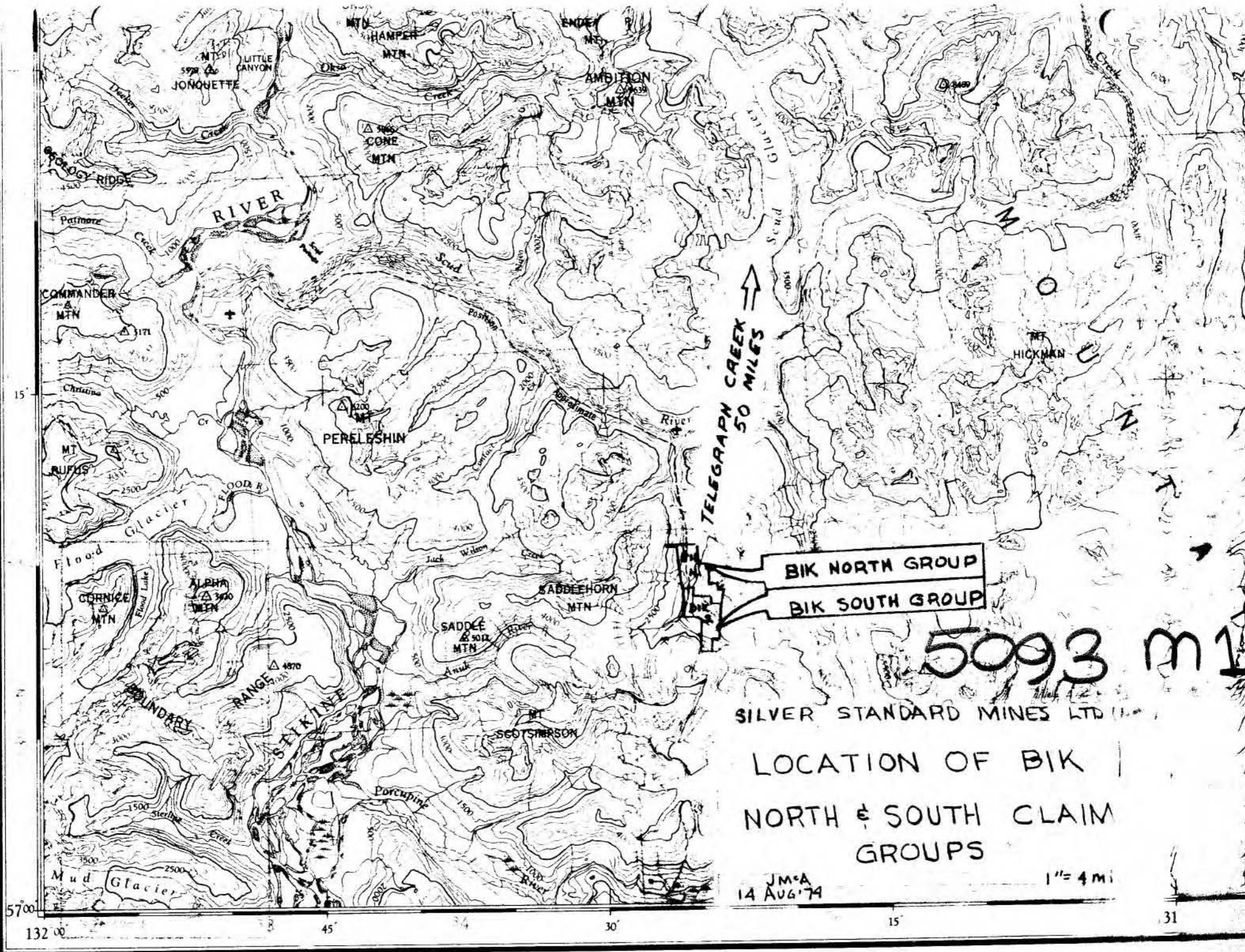
#1 Bik South Claim Group and	Fig. 2
#2 DDH Locations 1" - 1000'	

SUMMARY AND DISCUSSION:

A total expenditure of \$15,400.00 was incurred coring and reaming 688 feet of diamond drill hole on the BIk. South Claim Group in a 15-1/2 day period between June 26, 1974 and July 26, 1974.

Footage cored was 579 feet from DDH BIk. 74-5 located 1900 feet S17°W of the Final Post of BIk. 223 MC. Core was logged and then stored in core boxes alongside the drill hole collar on the Galore Creek access road. Some 109 feet of drillhole was reamed to to penetrate overburden and hole BIk. 74-4 was lost due to caving after drilling 99 feet on BIk. 221 MC.

Itemized costs, pro-rated 50/50 between BIk. North and South claim groups, included transportation to and from the jobsite, by Silver Standard Mines Ltd. (N.P.L.) supervisors, plus diamond drilling contracted costs including mobilization, drilling and demobilization.



TELEGRAPH CREEK 50 MILES

BIK NORTH GROUP
BIK SOUTH GROUP

5093 m

SILVER STANDARD MINES LTD

LOCATION OF BIK
NORTH & SOUTH CLAIM
GROUPS

JM:A
14 AUG '79

1" = 4 mi

5700 132 00 45 30 15 31

QUALIFICATIONS OF AUTHOR:

I, James H. McAusland, with business and residential address in Vancouver, B. C., do hereby certify that:

1. I am a mining engineer in the permanent employ of Silver Standard Mines Ltd. (N.P.L.), of 808 - 602 West Hastings Street, Vancouver 2, B. C.
2. I am a graduate of the University of British Columbia (Mining Engineering 1962).
3. I am a registered Professional Engineer of the Province of British Columbia (Reg. No. 6636).
4. I have practiced and supervised in the field of Mining Engineering for the past twelve years.
5. I have personally supervised the diamond drilling completed on the Bik South claim group described in this report.

Respectfully submitted,



JAMES H. MCAUSLAND, P. ENG.
Mining Engineer

14 August 1974

INVOICE



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors
 NORTH BAY, ONTARIO, CANADA
 P.O. BOX 330 — CABLE LONGYEAR

TELEPHONE 474-2800
 TELEX 027-76194

POSTAL CODE P1B 8H6

Silver Standard Mines Limited
 808 - 602 West Hastings Street,
 Vancouver, British Columbia.

Silver Standard Galore
 Invoice No. 8825
 Invoice date: July 31, 1974
 for July, 1974

terms net 30 days — interest charged at 1% per month on overdue accounts

To: Invoice for diamond drilling performed on mining properties located near Galore Creek, B.C. during period June 26-July 15, 1974, per agreement dated June 6, 1974

Hole No.	Size	From	To	Total	Rate	Amount
3-74	Overburden	Ø	40	40	10.75	430.00
3-74	Overburden	40	123	83	Hourly rate	-
4-74	Overburden	Ø	40	40	10.75	430.00
4-74	Overburden	40	99	59	Hourly rate	-
5-74	BQ Wireline	Ø	589	589	10.75	6,331.75
				811		7,191.75

OVERBURDENHole #3-74

29 hours	@ \$34.00	986.00
1 - 3-7/8" Tricone	77.70	
Plus 12%	9.32	
	87.02	
		1,073.02

Hole #4-74

26 hours	@ \$34.00	884.00
2 - 3-7/8" Tricone	@ \$77.70	155.40
Plus 12%	18.65	
	174.05	
		1,058.05

2,131.07

INVOICE



CANADIAN LONGYEAR LIMITED

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NORTH BAY, ONTARIO, CANADA

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TELEPHONE 474-2800

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Silver Standard Mines Limited
808 - 602 West Hastings Street,
Vancouver, British Columbia.

Silver Standard Galore
Invoice No. 8825
Invoice date: July 31, 1974
for July, 1974

- 2 -

*terms net 30 days — interest charged at 1% per month on overdue accounts*MOVE TO INITIAL SITE

50 hours	@ \$34.00	1,700.00	
80 extra crew hours	@ \$ 9.50	<u>760.00</u>	
			2,460.00

Moves Between:Hole #3-74 to #4-74

13½ hours	@ \$34.00	459.00	
21 extra crew hours	@ \$ 9.50	<u>199.50</u>	
			658.50

Hole #4-74 to #5-74

12 hours	@ \$34.00	408.00	
8 extra crew hours	@ \$ 9.50	<u>76.00</u>	
			484.00

Hole #5-74 to #6-74

10 hours	@ \$34.00	340.00	
20 extra crew hours	@ \$ 9.50	<u>190.00</u>	
			<u>530.00</u>

4,132.50

PERSONNEL TRANSPORTATION

(See later invoice)

INTERIM SERVICE

Alltrans Express Limited	(attached)	18.65
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INVOICE



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors
 NORTH BAY, ONTARIO, CANADA
 P.O. BOX 330 — CABLE LONGYEAR
 POSTAL CODE P1B 8H6

TELEPHONE 474-2800
 TELEX 027-76194

Silver Standard Mines Limited
 808 - 602 West Hastings Street,
 Vancouver, British Columbia.

Silver Standard Galore
 Invoice No. 8825
 Invoice date: July 31, 1974
 for July, 1974

- 3 -

terms net 30 days — interest charged at 1% per month on overdue accounts

TRAVEL TIME (Client's portion)Hole #3-74

6 hours @ \$9.50 57.00

Hole #4-74

3 hours @ \$9.50 28.50

Hole #5-74

12 hours @ \$9.50
114.00

199.50

CLIENT BOARD ACCOUNT

July 1-15, 1974 56 meals @ \$3.50

196.00

\$13,869.47
 =====

INVOICE



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors
 NORTH BAY, ONTARIO, CANADA
 P.O. BOX 330 — CABLE LONGYEAR
 POSTAL CODE P1B 8H8

TELEPHONE 474-2800
 TELEX 027-76194

Silver Standard Mines Limited
 808 - 602 West Hastings Street,
 Vancouver, British Columbia.

Silver Standard Galore
 Invoice No. 8826
 Invoice date: August 13, 1974
 for July, 1974

terms net 30 days — interest charged at 1% per month on overdue accounts

To: Invoice for diamond drilling performed on mining properties
 located near Galore Creek, B.C. during period July 16-26, 1974
 per agreement dated June 6, 1974

Hole No.	Size	From	To	Total	Rate	Amount
6-74	Overburden	Ø	40	40	10.75	430.00
6-74	Overburden	40	161	121	Hourly rate -	-
6-74	BQ Wireline	161	501	340	10.75	3,655.00
				501		4,085.00

OVERBURDENHole #6-74

34 hours	@ \$34.00		1,156.00	
2 - Tricones 3-7/8"	@ \$77.70	155.40		
1 BW Econo Shoe #E.910		78.23		
1 BQ Clean out Bit #E.1231		111.09		
		344.72		
Plus 12%		41.37		
			386.09	
				1,542.09

MOVE OUT

31 hours	@ \$34.00	1,054.00		
40½ extra crew hours	@ \$ 9.50	384.75		
				1,438.75

PERSONNEL TRANSPORTATION

(See later invoice)

INVOICE



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors
 NORTH BAY, ONTARIO, CANADA
 P.O. BOX 330 — CABLE LONGYEAR

TELEPHONE 474-2800
 TELEX 027-76194

POSTAL CODE P1B 8H6

Silver Standard Mines Limited
 808 - 602 West Hastings Street,
 Vancouver, British Columbia.

Silver Standard Galore
 Invoice No. 8826
 Invoice date: August 13, 1974
 for July, 1974

- 2 -

terms net 30 days — interest charged at 1% per month on overdue accounts

TRAVEL TIME

Hole #6-74

9 hours	@ \$9.50	85.50
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CLIENT BOARD ACCOUNT

19 meals	@ \$3.50	66.50
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\$7,217.84
 =====

*Speed Control 30(a)
 J.M.A.*

INVOICE



CANADIAN LONGYEAR LIMITED

Diamond Core — Percussion — Geotechnical — Industrial Drilling Contractors
 NORTH BAY, ONTARIO, CANADA
 P.O. BOX 330 — CABLE LONGYEAR

TELEPHONE 474-2800
 TELEX 027-76194

POSTAL CODE P1B 8H6

Silver Standard Mines Limited
 808 - 602 West Hastings Street,
 Vancouver, British Columbia.

Silver Standard Galore
 Invoice No. 8889
 Invoice date: August 16, 1974
 for July, 1974

terms net 30 days — interest charged at 1% per month on overdue accounts

To: Invoice in connection with diamond drilling programme completed July 26, 1974, on mining properties located near Galore Creek, B.C. per agreement dated June 6, 1974

DRILL RENTAL

Use of drill in area, in lieu of mobilization and demobilization of equipment from Longyear Warehouse

750.00

PERSONNEL TRANSPORTATION

One-way fares, travel time and expenses for crew of five

1,003.25

\$1,753.25

=====

Note:

Further charges for interim servicing and helicopter flights, will follow if applicable.

Trans-Provincial Airlines Ltd.

CHARTER AND CONTRACT TICKET

Flt. Report Number **212**

Invoice Number

Charge to: **Silver Standard Mines**

Date **July 15th/74** Cash
 A/C Type **Otter** CF- **RHW** Warrant or Reg. No.
 Base **XT** Pilot **Mayer**
 From: **Balore cr** To (1) **Schaft cr**
 To (2) **Galore cr** To (3)
 To (4) To (5)

FARE **82 Miles @ \$ 1.35 \$ 111.00**
 Hours @ \$
 Contract Rate
 Waiting Time @ \$
 Extra Landings @ \$
 Pilot Expenses
 Other
TOTAL CHARGES \$ 111.00

Authorized By *[Signature]*

THIS TICKET IS EXPRESSLY SUBJECT TO THE CONDITIONS AND TERMS PRINTED ON THE REVERSE SIDE OF TICKET AND WHICH ARE HEREBY ACCEPTED. PASSENGERS SIGNATURES.

- 1 7
- 2 8
- 3 9
- 4 10
- 5 11
- 6 12

*B.K. Mayer
 Charge*

No 36233

TO: TRAVEL AUDITORY DIVISION 283452010081046 1		PLACE AND DATE OF ISSUE Not good unless officially validated.	
PASSENGER TICKET FORM AND No. 2839200-07081		FORM OF PAYMENT Silver <i>Charge to Standard Mines</i>	
FROM TERRACE		TO GALORE	
DECLARED VALUE	VALUATION CHARGE On Above Indicated Value	PREVIOUSLY PAID VAL. CHGE.	BALANCE OF VAL. CHGE.
TOTAL WEIGHT 55 lbs.	FREE ALLOWANCE 40 lbs.	EXCESS WEIGHT 15 lbs.	EXCESS WT. CHGE. 4.20 per lb.
TOTAL CHARGES		TAX 4.20	
TOTAL PAYMENT			

PRINTED IN CANADA

AUTHORIZED SIGNATURE
 PRINT NAME OF PASSENGER

6440

WT	EXCESS	BAGGAGE
CHARGES	FARE	TOTAL

FROM	TO	DATE	TIME

SUBJECT TO CONDITIONS OF CONTRACT ON REVERSE

ISSUED BY
 TRANS-PROVINCIAL AIRLINES LTD

U-WRITE TICKET

CUSTOMER ACCOUNT NO. 01/065
 283 No 19976

PASSENGER TICKET AND BAGGAGE CHECK AUDIT COUPON

283 202 055 974 1

TRANS-PROVINCIAL AIRLINES LTD

RESERVATIONS

BAGGAGE	RESERVATIONS	FARE BASIS
PER WEIGHT	FLIGHT DATE TIME	
	28/6/74	
	VOID	

ENDORSEMENT:
 Silver Standard

RECONFIRM!
 AT LEAST 6 HOURS PRIOR TO SCHEDULED FLIGHT DEPARTURE

FROM Galore et

TO Pease Lake

FARE 3500 EQUIV. AMT PAID TAX

FORM OF PAYMENT charge

ISSUED IN EXCHANGE IN CONJUNCTION WITH

DATE AND PLACE OF ORIGINAL ISSUE

NAME OF PASSENGER W. DUNN

PASSENGER TICKET AND BAGGAGE CHECK AUDIT COUPON

RHW

283:9200:070875 2

TRANS-PROVINCIAL AIRLINES LTD

RESERVATIONS

BAGGAGE	RESERVATIONS	FARE BASIS
PER WEIGHT	FLIGHT DATE TIME STATUS	
	June 25/74	
	VOID	

ENDORSEMENT:
 Charge Silver Standard

RECONFIRM!
 AT LEAST 6 HOURS PRIOR TO SCHEDULED FLIGHT DEPARTURE

FROM TERRACE

AGENT TO Galore

FARE 5600 EQUIV. AMT PAID TAX

FORM OF PAYMENT charge

ISSUED IN EXCHANGE IN CONJUNCTION WITH

DATE AND PLACE OF ORIGINAL ISSUE

NAME OF PASSENGER Mr. DUNN

CARRIAGE hereunder is subject to the rules relating to the liability established by the Convention for the Unification of Certain Rules relating to International Carriage by Air signed at WARSAW, October 12th, 1929, unless such carriage is not international carriage as defined by said Convention.

TRANS-PROVINCIAL AIRLINES LTD.

AIR BILL NON-NEGOTIABLE

(THIS SECTION TO BE COMPLETED BY CARRIER)
 ORIGINATING STATION: WLE AIRBILL NUMBER: 1111

I hereby agree that the goods herein described are accepted in apparent good order (except as noted) for transportation as specified herein, subject to governing tariffs, conditions and tariffs in effect as of the date hereof which are filed in accordance with law. Said classifications and tariffs which are available for inspection at all Trans-Provincial Airlines offices are hereby incorporated into and made a part of this contract.

FROM (CONSIGNOR)
 CONSIGNOR'S STREET ADDRESS
 CITY PROVINCE
 BY (CONSIGNOR'S NO.)

TO (CONSIGNEE)
 CONSIGNEE'S STREET ADDRESS
 CITY PROVINCE OR STATE COUNTRY
 DESTINATION AIRPORT (CITY)
 CONSIGNEE'S NO.

X NOTE: CONDITION OF CARRIER SHOULD
 Agreed and understood to be not more than the value stated in the governing tariffs for each pound on which charges are assessed.

INSURE (SPECIFY ROUTING HERE) AIRLINE ROUTING (CHECK ONE) AIRLINE AIRCRAFT AIRCRAFT

RECEIVED BY (ADDRESS) (CITY) (PROVINCE) (COUNTRY)
 CONSIGNEE'S OFFICE AIRPORT TERMINAL

DELIVERY Will be made to the Consignee at points where delivery service is available unless otherwise specified below.
 CASH CHARGE
 PREPAID COLLECT

NO. OF PACKS
 NO. OF PILES
 DESCRIPTION OF PIECES AND CONTENTS
 INSTRUCTIONS TO CARRIER

WEIGHT	AIRLINE ROUTING		RATE	CHARGES	
	TO	VIA (LINE)		PREPAID CHARGES	COLLECT CHARGES

Important
 BOLD LINE
 WEIGHTS AND DIMENSIONS TO BE SHOWN IN POUNDS AND INCHES
 MENTIONAL WEIGHT
 RECEIVED IN APPARENT GOOD ORDER EXCEPT AS NOTED BY TRANS-PROVINCIAL AIRLINES LTD.
 AGENT
 DATE 19 TIME A M P M

SUMMARY OF CHARGES
 WEIGHT RATE CHARGES
 PILE CHARGE
 DELIVERY CHARGE
 SERVICE CHARGE (ADVANCE AND/OR C.O.D.)
 SUB-TOTAL
 CHARGES ADVANCED BY C.O.D. OR PREPAID BILL NO.
Consignor's C.O.D.
Total Charges

RECEIVED IN APPARENT GOOD ORDER EXCEPT AS NOTED BY TRANS-PROVINCIAL AIRLINES LTD.
 AGENT
 AT DATE 19 TIME A M P M

WE AGREE TO PAY THE AMOUNT OF \$
 PER
 AUTHORIZED REPRESENTATIVE



OKANAGAN HELICOPTERS LTD.

HEAD OFFICE
439 AGAR DRIVE
INTERNATIONAL AIRPORT SOUTH
VANCOUVER, B.C.

TELEPHONE (604) 278-5502 TELEX 04-5088 83

CHARTERER'S BILLING ADDRESS

SILVER STANDARD MINES LTD
602 W. HASTINGS NPL
VANCOUVER V6B 1M8

ACCOUNT NUMBER 1495	INVOICE DATE AUG 2 1974	FLIGHT DATE 26	DAY 7	MONTH 7	YEAR 74	TYPE OF FLYING
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A/C TYPE 205	TYPE OF CONTRACT X	BASE NO 845
IND. LAB.	FLIGHT LOCATION EDDOR TERMIN	FLIGHT LOCATION 57
NO. LAB.	PILOT 1 03 FLY G.W. DIAHAY	PILOT 2 8177

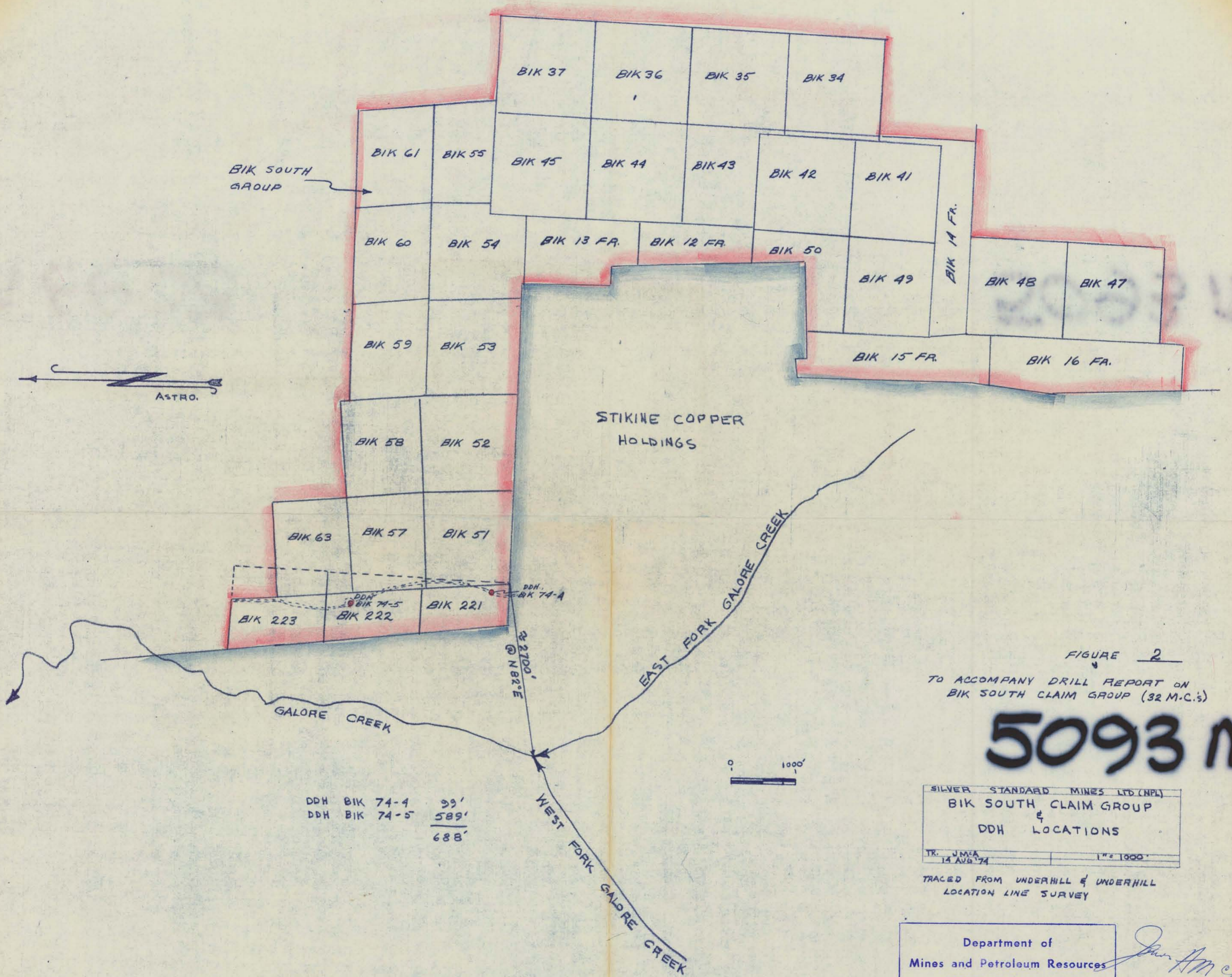
FLYING TIME	1.6	2.8
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DESCRIPTION	START	END	FLYING TIME
JERRY EDWARDS - GAIURE	09:30	10:40	0 8
MOUL DRILL GAIURE - SCHAFT CREEK 4 TRIPS	11:00	15:30	2 9
JERRY GAIURE - EDDOR TERMIN			0 7
5 DRUMS HAZARDOUS WASTE			

	AMOUNT
FUEL	4 4 685 00 2750 00
...	83 20
...	2 40
TOTAL	52835.60

THE CARRIER'S LIABILITY FOR PASSENGERS, BAGGAGE AND GOODS BY OKANAGAN HELICOPTERS LTD. IS SUBJECT TO THE TERMS, CONDITIONS AND LIMITATIONS OF LIABILITY SET FORTH IN ITS TAKE OFF CARD. THE LIABILITY FOR DAMAGE TO GOODS IS LIMITED TO 50 CENTS PER POUND. THE ATC AND EXTRACTS THEREOF IS AVAILABLE FOR EXAMINATION AT THE OFFICE OF OKANAGAN HELICOPTERS LTD.

Albert Scott *John ...*



BIK SOUTH GROUP

STIKINE COPPER HOLDINGS

FIGURE 2
 TO ACCOMPANY DRILL REPORT ON
 BIK SOUTH CLAIM GROUP (32 M.C.'s)

5093 M2

DDH BIK 74-4	99'
DDH BIK 74-5	589'
	<hr/>
	688'

SILVER STANDARD MINES LTD (NPL)	
BIK SOUTH CLAIM GROUP	
DDH LOCATIONS	
TR. J.M.C.A.	14 AUG 74
1" = 1000'	

TRACED FROM UNDERHILL & UNDERHILL
 LOCATION LINE SURVEY

Department of Mines and Petroleum Resources	
ASSESSMENT REPORT	
NO. 5093	MAP #2

John A.M. [Signature]