

Laurence S. Trenholme
GEOLOGIST
6746 MARGUERITE STREET
VANCOUVER 14, B.C.

TELEPHONE (604) 263-4455

October 3, 1974

The Mining Recorder,
Department of Mines & Petroleum Resources,
Kamloops, B. C.

Dear Sir:

RE: N. B. Group

As agent for Highland Star Mines Ltd., I am making application to apply 3 year's assessment work to twelve of the company's claims situated in Kamloops Mining Division.

A cheque in the amount of \$360.00 is enclosed to cover rentals to the anniversary dates in 1977.

Will you kindly confirm that such prepayment of rentals is acceptable and, assuming that the full work credit is granted, no further action is required until 1977 - other than annual renewal of the company's Free Miners Certificate.

Yours very truly,

L. S. Trenholme

L. S. Trenholme,
P. Eng.

LST:bj
Enc. Application and
Attachments in Duplicate

cc M. J. Campbell
S. Radvak

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5182 MAP

Statement of Qualifications

The undersigned certifies that:

1. He is a graduate geologist, B.Sc. 1936, M.Sc. 1939;
2. He is a member in good standing of the Association of Professional Engineers of the Province of British Columbia;
3. That he has practiced his profession as a mining and exploration geologist continuously (except 1942 - 1945) since graduation;
4. That he personally supervised the work described in the report submitted herewith and that he spent a total of 2 days on the subject property;
5. That he has no financial interest in *Highland Star Mines Limited* or in any of said company's properties nor does he expect to receive any.

Dated at Vancouver, B. C.

L. S. Trenholme

L. S. Trenholme, P. Eng.

6746 Marguerite Street,
Vancouver, B. C. V6P 5E9

MAPS

- #1 Location map
- #2 Location map of diamond drill hole



*Association of Professional Engineers
of British Columbia*

*2210 West 12th Avenue
Vancouver 9, B.C.*

Dear Sir:

*I have the honour of notifying you, that the
Council has granted you registration as a Professional
Engineer, in accordance with the Engineering Profession
Act, of British Columbia.*

*May I also, on behalf of your professional
colleagues, congratulate you, and wish you well.*

Yours very truly,

*J. M. Bennett P. Eng.
Manager, Professional Affairs*

To MR. L.S. TRENHOLME, P.ENG.

Date of Registration September 4, 1974

Highland Star Mines Ltd.
Drilling Report - October 2, 1974

Cost Statement Re: D. D. Hole #74-1

A. Per Drill Contract and Invoice

Mobilization	\$ 389.25	
Drilling	4,413.75	
Casing	546.00	
Field Costs	<u>151.00</u>	\$5,500.00

B. Geological, Surveying, Data Research, Reports:

Fees	\$ 1,100.00	
Expenses	<u>263.37</u>	\$1,363.37

C. Field Assistant

Wages	\$ 250.00	
Expense	<u>118.30</u>	\$ 368.30

Total: \$7,231.67

L. S. Trenholme
L. S. Trenholme, P. Eng.

Declared before me at the

of

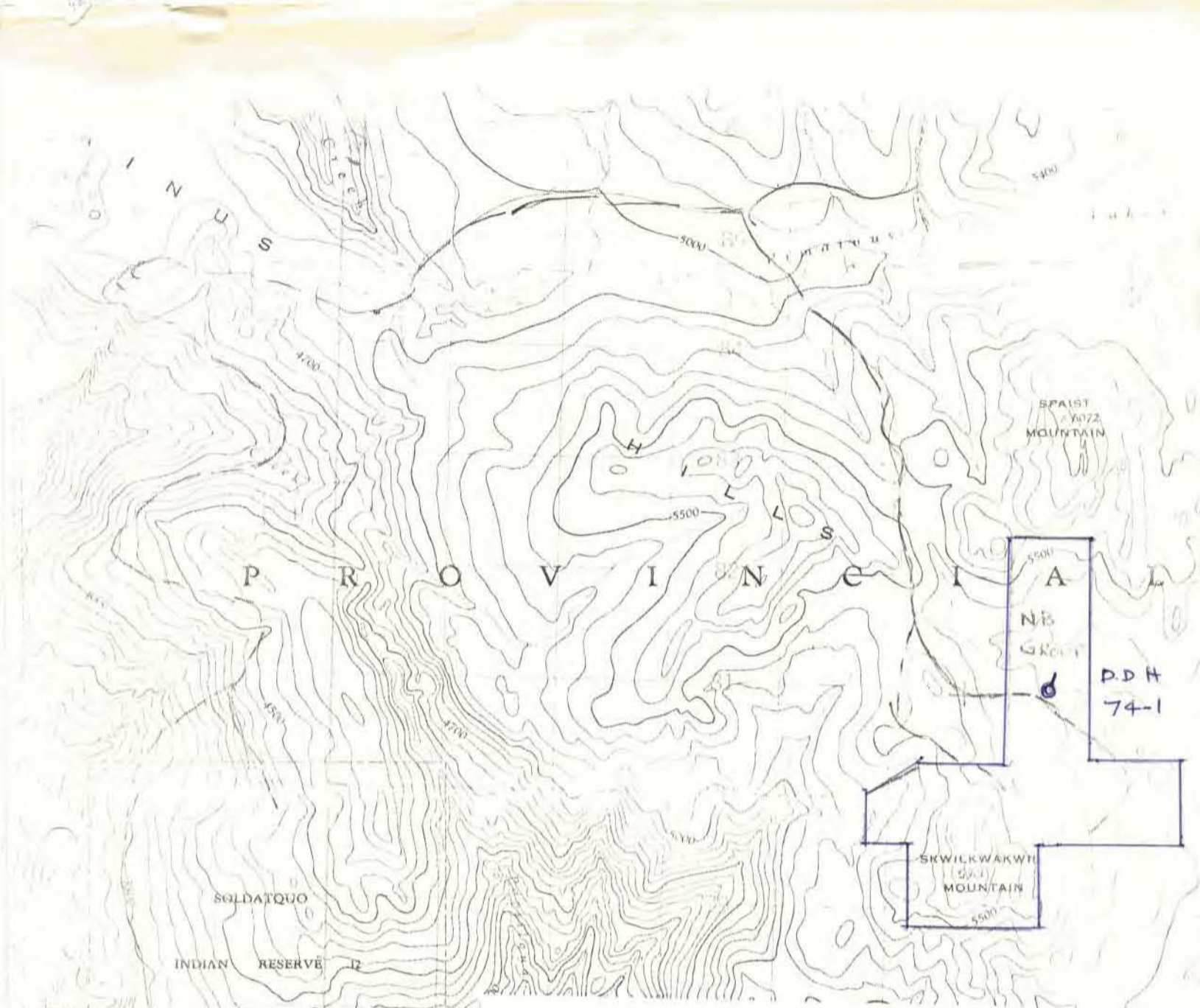
, in the

Province of British Columbia, VANCOUVER, B. C.

day of

OCT 4, 1974, A.D.

L. S. Trenholme
Sub-Mining Recorder,



HIGHLAND STAR MINES LTD

GENERAL LOCATION MAP

NB GROUP

KAMLOOPS M.P. B.C.

SCALE 1: 50,000

SHEET 92 I/E

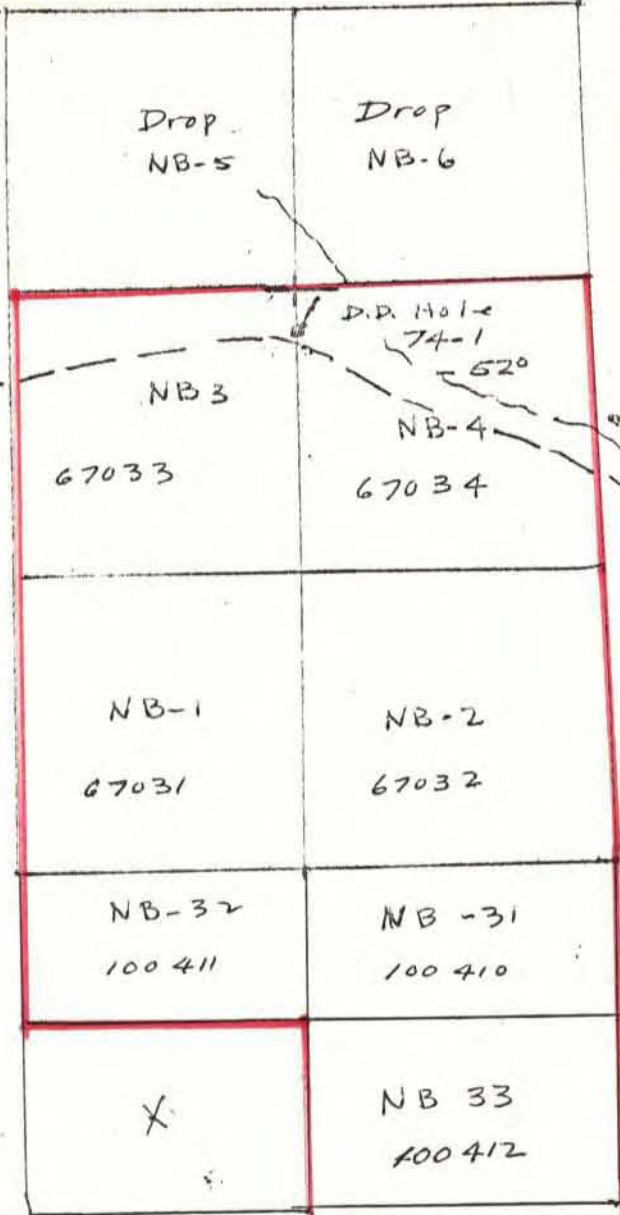
50°20'





1" = 1000'

MERV 17
MERV 18
MERV 19
MERV 20



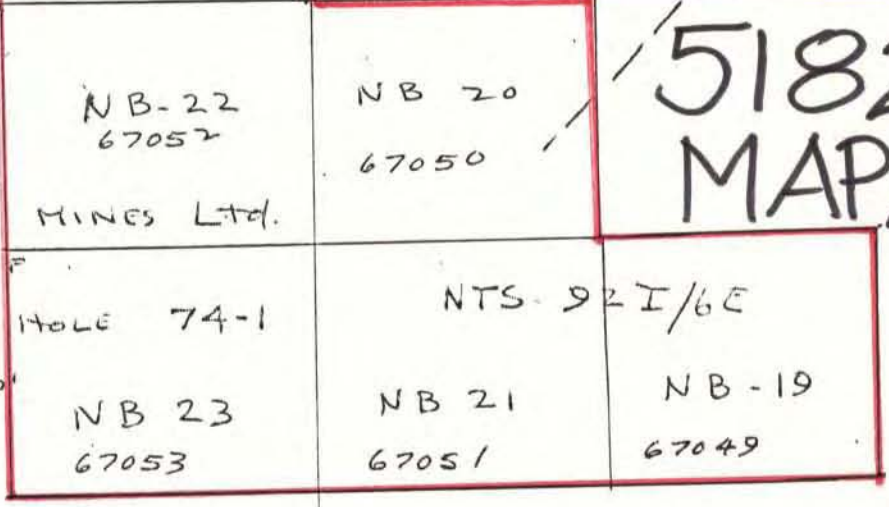
L.S. Furberhelm, P. Eng.
Oct 4/74

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. **5182** MAP # **2**

5182
MAP 2

HIGHLAND STAR MINES LTD.
LOCATION OF

DIAMOND DRILL HOLE 74-1
1" = 1000'



NTS-92I/6E

NB 23
67053

NB 21
67051

NB-19
67049

DIAMOND DRILL RECORD

COMPANY Highland Star Mines, Ltd. PROPERTY, NB Group Kamloops, M.D., B.C. HOLE 24-1
 CORE - NQ - 1 7/8" Diameter
 LOCATION: Lat. 50° 22' N Claim NB-4 Azimuth . 031° T Page One
 Dep 121° 05' W NTS # 67034 Dip -52° Start 28 Aug 74
 El. 5250 92 I/E Drill Co. Connors Finish 17 Sept 74

Depth	Formation	Sample		Assays		
		No.	Ft.	Oz. Au.	Oz. Ag	% Cu
0 - 87	NQ Casing	in overburden: recover 15 ft. boulders mainly granodiorite, some coarse granite; a few pebbles of volcanics.		NO SAMPLES TAKEN		
87	Casing Show	finished; pull casing and re-start hole with tri-cone bit. Case to 114.5 feet.				
37 - 145	Overburden	Start drill with NQ core.				
45 - 175	GRANODIORITE	Prominent black to greenish, stumpy euhedral to sub-hedral mafics (hornblende ?) to 5 mm. White to pale cream feldspar (plagioclase ?)		12 - 15%	Probably Chataway Phase, but poikilitic character not evident.	
		Quartz intimately intergrown with feldspar. Qtz. Scattered books of amber mica to 10mm.		60 - 75%		
		No metallic sulphides visible with X 10 lens. Few very small black metallic(?) specks; magnetite?		10 - 20%		
		Numerous streaks and patches pink aphanitic (K-feldspar) alteration; replacement and veining.		NOTE: Hole collar is		
		Core surface has slight greenish cast; possibly due weak chloritization of hornblende; Core badly broken, but little chemical weathering.		200' south of		
175 - 321	GRANODIORITE	similar but less broken: decrease mica; some amorphous hematite as fracture surface coatings.		#2 P NB-4, NB-3		
211 - 213.5		Minor slip @ 25° with hematite along 6" K-spar dikelet.; some sericite.				
213.5-321		Patchy, pervasive epidote? alteration alternating with pervasive pink patches; mica-coated seams more prevalent in less altered portions.		NOTE: CORE STORED		
287 - 290		Rusty fracture parallel core		at 6746 Marquette Street		
321	End	Core broken throughout, but estimate 85% - 90% recovery.		Vancouver B.C.		
		NO METALLIC MINERALS IDENTIFIED: NO SAMPLES TAKEN.		L.S. Trenholme		
				Logged by L.S. Trenholme		
				October 2, 1974		

AGREEMENT

This AGREEMENT made this 26th day of August 19 74:

BETWEEN: HIGHLAND STAR MINES,
c/o Mr. M. J. Campbell,
Canarim Investments,
424 Burrard Street,
Vancouver, B. C.
(hereinafter referred to as the "COMPANY")

AND: CONNORS DRILLING LTD.
155 West 3rd Avenue
VANCOUVER 10, B.C. V5Y 1E8.

(hereinafter referred to as the "CONTRACTOR")

WHEREAS the COMPANY hereby requests that the CONTRACTOR carry out certain Surface diamond drilling and other services, on the COMPANY'S property.

AND WHEREAS the CONTRACTOR hereby agrees to perform said diamond drilling and other services requested, under the terms and conditions hereinafter contained.

1. SCOPE OF WORK

The work is to consist of series of drill holes, drilled at locations specified by the COMPANY. A total minimum footage of 400 feet shall be drilled, but total footage may be extended beyond that amount, by mutual consent. Holes shall be drilled with BQ tools producing 1 7/16" diameter core, as far as is reasonably practical. Maximum depth of any hole shall not exceed 400 feet, and minimum depth shall be 150 feet.

2. COMMENCEMENT AND EXECUTION OF WORK

Work shall be commenced: By August 25, 1974, and continue on a one shift per day, 10 hrs. per shift, 7 day week basis, or as near that schedule as can be maintained.

3. THE CONTRACTOR HEREBY CONVENANTS AND AGREES:

- (a) To provide all of the required drilling machinery and associated tools including, but not limited to: One Truck mount 38 drill rig, pumps, rods, casing, diamond set item, fuel, oil and grease.

- (b) That drilling crews will follow good drilling practice and shall use due care and diligence as shall enable them to recover as high a percentage of core as the nature of the ground being drilled shall permit. All cores shall be delivered to the COMPANY, in boxes provided by the CONTRACTOR at the drill sites.
- (c) That it shall be responsible for, and will pay promptly all costs and charges, incurred by itself for labor, machinery, tools, and supplies used in completing the work hereunder so that no lien or other such charge relative to the CONTRACTOR, may be registered against the COMPANY or the property. The CONTRACTOR shall be responsible for the payment of all assessments for Workmen's Compensation, Holiday Pay, Canada Pension, Unemployment Insurance, Sales Tax, or other such applicable charges relative to its own labor and supplies purchased.

4. THE COMPANY HEREBY AGREES

- (a) Should cavities, loose or caving ground or excessive water flows be encountered in a hole so that further drilling in that hole is deemed impracticable, that hole may by mutual consent, be abandoned, and, the CONTRACTOR be paid at rates so specified herein for all footage completed in that hole. However, should the COMPANY request that further work be carried out in the hole beyond this point, then the CONTRACTOR shall continue work in the hole but such continuing work shall be at FIELD COST Rates.
- (b) That it will provide access roads to as near all drill sites as is practical, and prepare sites suitable for drill set up.
- (c) The COMPANY shall provide, at no cost to the CONTRACTOR, all rights of way of ingress and egress to all lands that may be required to enable the CONTRACTOR to carry out the work as specified. The CONTRACTOR shall be permitted to cut and fell any timber on the COMPANY'S property as may be required in the course of the work hereunder, and the COMPANY shall indemnify and save harmless the CONTRACTOR from any assessment for stumpage or other charges of every kind and nature.

5. THE COMPANY HEREBY AGREES to pay the CONTRACTOR for footage drilled and other services performed as follows:

- (a) Mobilization and demobilization: In excess of 10 shift hrs., mobilization and 10 hrs. demobilization, at Field Cost.
- (b) Drilling: At \$13.75 per foot for a minimum of 400 feet.
- (c) Overburden penetration: Included in 5 (b)

- (d) The CONTRACTOR shall, at all times enforce strict discipline and maintain good order among its employees and shall not retain on the work any unfit person or anyone not skilled in the work assigned to him. Any employee who is objectionable or unsatisfactory to the COMPANY shall be removed from the work and replaced by an employee satisfactory to the COMPANY.

- (e) The CONTRACTOR shall keep his camp and drill sites free from waste and rubbish, and at the completion of his work he shall leave the camp area and all drill sites as clean as possible, and in as near as possible in the condition such as it was prior to the commencement of the work.

- (f) The CONTRACTOR or its personnel shall not divulge any information concerning drilling results, or permit access to, or examination of the drill core by any person not specifically authorized by the COMPANY.

- (d) Reaming hole, for casing: N/C
- (e) Casing of hole, if required: N/C
- (f) Standby, dip-testing, or delay time, or other time during which the CONTRACTOR'S crews are performing services, for the COMPANY not otherwise covered herein: At Field Cost.
- (g) Cementing of drill holes, and redrilling of cemented section of hole: At Field Cost.
- (h) Water supply: Delay in excess of 1 shift hour per day, at Field Cost.
- (i) Moving of drill and equipment from site to site: N/C
- (j) Drilling mud, additives and mixing mud, if required: Field Cost.
- (k) Truck rental: The Contractor shall provide a service truck at no cost to the Company.
- (l) Tractor Rental: N/A
- (m) Core boxes: The Contractor will provide core boxes at \$3.00 per box.
- (n) Camp: The Contractor shall be responsible for board and housing of its own personnel.
- (o) Field Costs, where applicable, shall be: Labor at \$11.00 per man hour, drill and equipment rental at \$9.50 per drill shift hour, and all the "down the hole" tools and supplies consumed during the Field Cost portion of the work at Cost.

6. INSURANCE AND GENERAL

- (a) The CONTRACTOR, at its own cost, shall maintain insurance to the following limits; Liability and Property Damage \$1,000,000.00, Automobile Insurance coverage \$1,000,000.00.
- (b) The CONTRACTOR shall not be held liable for any loss or damage suffered by reason of any cause beyond its active control such as riots, strikes, lockouts, Acts of God, or failure or transportation.

- (c) Under the foregoing terms and conditions the CONTRACTOR does not guarantee to drill any hole to any specified depth. The CONTRACTOR will however, expend every reasonable effort to complete all holes to the satisfaction of the COMPANY.
- (d) The CONTRACTOR shall invoice the COMPANY semi-monthly for footage drilled and other services performed. Such invoices shall be due and payable within 30 days of the invoice date.

IN WITNESS WHEREOF THE COMPANY and the CONTRACTOR set
their hands this 26th day of August 1974.

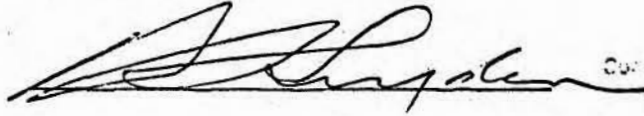
HIGHLAND STAR MINES

original signed by →

"S. RADVAK"

"M. J. CAMPBELL"

CONNORS DRILLING LTD.



Job : 2-505

Highland Star Mines
 c/o Canarim Investments
 424 Burrard Street,
 Vancouver, B.C.

INVOICE NO: 5142
 DATE: Sept. 6/74

SURFACE DIAMOND DRILLING
Highland Valley, B.C.
August 27-29, 1974

Mobilization (Field Cost)

<u>Date</u>	<u>Man Hrs</u>	<u>Drill Hrs</u>	<u>Remarks</u>
Aug 28	10	5	Move to drill site and set up drill
28	<u>1</u>	<u>½</u>	Hauling water
	11	5½	
Total Man Hours		11 @ 11.00	121.00
Total Drill Hrs		5½ @ 9.50	<u>52.25</u>
			173.25

Footage Fee

D.D. Hole #1:	0 - 27	27 @ 13.75	<u>371.25</u>
			544.50

ACCOUNTING DISTRIBUTION 5142

REFERENCE

OCT 2 1974

DIVISION

2,425.75
 2,529.75
 544.50
 5,500.00 *

CONTRACT	INVOICE	DEBIT	CREDIT
<i>This was paid in full before commencement of work</i> <i>D.S. [Signature]</i>			
TALS	COMPUTED HASH TOTALS	TOTAL DEBITS	TOTAL CREDITS
CHECKED BY			

00

VOUCHER CONTROL

JOB: 2-505

Highland Star Mines,
 c/o Canarim Investments,
 424 Burrard Street,
 Vancouver, B. C.

INVOICE NO: 5211
 DATE: October 1, 1974

SURFACE DIAMOND DRILLING
HIGHLAND VALLEY, B. C.
September 30, 1974

FOOTAGE FEE

D.D. Hole # 1 200' - 321' - 121' @\$13.75 \$1,663.75

CASING LEFT IN HOLE

10 - pieces BW 10' Casing	@\$30.00	\$300.00	
20 - pieces BW 2' Casing	11.00	220.00	
		<u>520.00</u>	
	5% Tax	26.00	546.00

WORKING ON STUCK CASING & DEMOBILIZATION

216.00

\$2,425.75

ACCOUNTING DISTRIBUTION

REFERENCE

DIVISION	ACCOUNT	EQUIPMENT/EMPLOYEE CUSTOMER/SUPPLIER	CONTRACT	INVOICE	DEBIT	CREDIT
VOUCHER CONTROL TOTALS				COMPUTED HASH TOTALS	TOTAL DEBITS	TOTAL CREDITS
0000	PREPARED BY	CHECKED BY				



Connors Drilling Ltd.

Subsidiary of
Bow Valley Industries Ltd.

155 WEST 3rd. AVENUE, VANCOUVER, B.C. CANADA V5Y 1E8
AREA CODE 604/872 - 1675

JOB: 2-505
5197

Highland Star Mines,
c/o Canarim Investments,
424 Burrard Street,
Vancouver, B. C.

INVOICE NO:
DATE: September 24, 1974

SURFACE DIAMOND DRILLING
HIGHLAND VALLEY, B. C.
September 1 - 15, 1974

FOOTAGE FEE

D. D. Hole # 1 27' - 200' - 173' @\$13.75 \$2,378.75

FIELD COST WORK

Date	Man Hrs.	Drill Hrs.	Remarks
Sept. 5/74	2	1	Hauling water.
Sept. 6/74	2	1	Hauling water.
Sept. 13/74	8	0	Widening road.
	<u>12</u>	<u>2</u>	

TOTAL MAN HOURS	12	@\$11.00	\$132.00
TOTAL DRILL HOURS	2	9.50	<u>19.00</u>

151.00

\$2,529.75

ACCOUNTING DISTRIBUTION

REFERENCE 5197

DIVISION	ACCOUNT	EQUIPMENT/EMPLOYEE CUSTOMER/SUPPLIER	CONTRACT	INVOICE	DEBIT	CREDIT
VOUCHER CONTROL TOTALS				COMPUTED HASH TOTALS	TOTAL DEBITS	TOTAL CREDITS
0000	PREPARED BY	CHECKED BY				

VOUCHER CONTROL

Laurence S. Trenholme

GEOLOGIST

6746 MARGUERITE STREET
VANCOUVER 14, B.C.

V6P 5E9

TELEPHONE (604) 263-4455

October 3, 1974

In Account With:

Highland Star Mines, Limited,
470 Vienna Crescent,
North Vancouver, B.C.Re: Highland Valley Property
Kamloops Mining Division. 1974 Drilling Program

		<u>Fees</u>	<u>Expense</u>
<u>August:</u>	Records research, Reclamation Permit,		
	Travel to Property;		
	5 days @ \$80.00	\$ 400.00	
	Property Examination,		
	Spot Drill Hole... 1 day	<u>150.00</u>	\$ 550.00
	Xerox	13.67	
	Meals and Motel	52.20	
	Car: 478 miles @ .15	71.70	
	Telephone	<u>6.03</u>	\$ 143.60
<u>September</u>			
	Trip to property to check drilling problem:		
	1 day @	150.00	
	2 days travel @ \$80.00	160.00	
	2 days report and documents	<u>160.00</u>	470.00
<u>October</u>	1 day report and documents		80.00
<u>September</u>			
	Car: 509 miles @ .15	76.35	
	Motel and meals	31.25	
	Telephone and Xerox	<u>12.17</u>	119.77
Paid to Helper (George Cressy)			
	Wages: 5 days @ \$50.00	250.00	
	Truck rental, incidentals	<u>118.30</u>	368.30
		\$ 1100.00	631.67
		631.67	
		<u> </u>	
	Total	\$ 1731.67	

L. S. Trenholme

Mr. George F. Cressy Jr., Box 406, Merritt, B. C.
 Telephone: 378-2966.

In Account With: Laurence S. Trenholme, Geologist

Re: Highlandstar Drilling Program, 6746 Marguerite St.,
 Vancouver, B. C.

	Dr.	Cr.
August 16/74 - Trip to Highland Star Claims	\$ 87.80	
August 16/74 - Paid by cheque. #1697		87.80
August 21/74 - Locate possible driller for contract		
- Three (3) phone calls Kamloops and Vancouver -	\$ 5.50	
- Wages - 4 hrs. @ \$5.00 pr. hr.	\$ 20.00	
August 22/74 - Transport Connors Drilling to claims	\$ 50.00	
Connors' 4 x 4.		
August 26/74 - Wait 6 hrs. for O.K. on contract to transport drill on property.	\$ 30.00	
August 30/74 - Check drill setup 58°T @50° -	\$ 87.50	
September 14/74 - Chain direction and distance of DDH to claim post.		
Chain direction and distance of NB claims to Merv claims.	\$ 87.50	
	<u>\$280.50</u>	
September 8/74 - Advance by cheque - #1714	<u>\$100.00</u>	100.00
	<u>\$180.50</u>	
Total -	<u>\$180.50</u>	
	<u>180.50</u>	<u>180.50</u>
Sept 25/74 Cheque L.S.F. #1780	* <u>368.30</u>	<u>368.30</u>

TOTAL	\$ 87.80		
	100.00		
	<u>180.50</u>		
	<u>368.30</u>		
		Wages	Expns
		50.00	37.80
		20.00	5.50
		50.00	
		30.00	37.50
		50.00	
		50.00	37.50
		<u>250.00</u>	<u>118.30</u>
			<u>368.30</u>