

5500

APPLICATION TO RECORD ASSESSMENT WORK

93E/14W

Based on PQ wireline drilling
conducted during 1974 Field Season

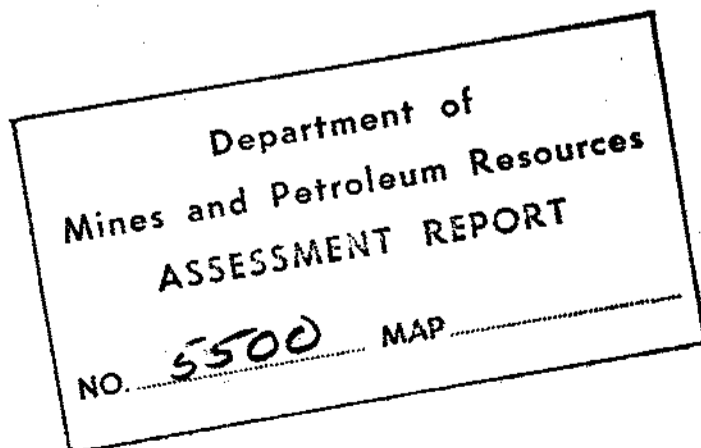
V139 - BERG PROPERTY
53°47' N. Lat.; 127°30' W. Long.
Omineca Mining Division

Report compiled by
PETER S. HALL
ADMINISTRATION AND LANDS OFFICER
CANEX PLACER LIMITED

June 27, 1975

MAPS

- #1 INDEX MAP
- #2 CLAIM MAP
- #3 SURFACE PLAN
- #4 INDEX MAP
- #5 BERG PROPERTY
- #6 SURFACE PLAN



CASH PAYMENT RECORD

FOR PAYMENT OF CASH IN LIEU OF WORK AND/OR RENT WHEN WORK IS NOT RECORDED

I, Peter S. Hall Name of #800 - 1030 West Georgia Street, Address
Vancouver, B.C., V6E-3A8 submit the sum of \$ 1100.00

to be applied as indicated hereunder, on mineral claims or leases located in the OMINECA

Mining Division, and which are held in the name(s) of:

KENNCO EXPLORATIONS (Western) LIMITED Name #730 - 505 Burrard Street, Vancouver, B.C. Address V7X-1M4

Name Address

Name Address

holder(s) of Free Miner's Certificate(s) No.(s) 136454

Peter S. Hall

Signature

C/L in \$	RENT in \$	PENALTY PAID IN \$	NAME OF CLAIM, LEASE, OR PML	No. of UNITS	RECORD NO.	MONTH OF RECORD
600.00	60.00		BERG 317, 318, 319		126813-126815	June 28
400.00	40.00		332, 333		126786-126787	June 29

CASH PAYMENT NO.

SUB-MINING RECORDER RECEIVED
 JUN 30 1975
 M.R. #1007035.1440
 VANCOUVER, B. C.
 MR OR SMR STAMP

CASH PAYMENT RECORD

FOR PAYMENT OF CASH IN LIEU OF WORK AND/OR RENT WHEN WORK IS NOT RECORDED

I, Peter S. Hall of #800 - 1030 West Georgia Street,
Vancouver, B.C., V6E 3A8 submit the sum of \$ 310.00

to be applied as indicated hereunder, on mineral claims or leases located in the OMINECA

Mining Division, and which are held in the name(s) of:

KENNCO EXPLORATIONS (WESTERN) LIMITED #730 - 505 Burrard St., Vancouver, B.C. V7X 1M4
Name Address

Name Address

Name Address

holder(s) of Free Miner's Certificate(s) No.(s) 136454

Peter S. Hall
Signature

C/L in \$	RENT in \$	PENALTY PAID IN \$	NAME OF CLAIM, LEASE, OR PML	No. of UNITS	RECORD NO.	MONTH OF RECORD
	120.00		BERG 251-262	12	40990-41001	July 5
	40.00		264-267	4	40986-40989	"
	140.00		268-281	14	40972-40985	"
	10.00		BERG 72 FR	1	31473	July 28

\$310.00

CASH PAYMENT NO.

SUB-MINING RECORDER RECEIVED

JUN 30 1975

M.R. #10070351440⁰⁰

VANCOUVER, B. C.

MR OR SMR STAMP

BERG PROPERTY

Assessment Submission
June 1975

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DEPARTMENT OF MINES AND PETROLEUM RESOURCES

FORM B (Section 51) MINERAL ACT

SUB-MINING RECORDER RECEIVED JUN 30 1975 M.R. #100704 \$ 615.00 VANCOUVER, B.C.

Affidavit on Application to Record Work

1. I, Peter S. Hall Agent for KENNCO EXPLORATIONS (WESTERN) LIMITED
800 - 1030 W. Georgia Street #730 - 505 Burrard Street
Vancouver, B.C. V6E 3A8 Vancouver, B.C. V7X 1M4
Free Miner's Certificate No. 128970 Free Miner's Certificate No. 136454
Date issued 6th December 1974 Date issued 16th December 1974

MAKE OATH AND SAY:

2. I have done, or caused to be done, work on the BERG 19
(SPOT SUPP. GROUP) Mineral Claim(s)
Record No.(s) 14306 (M)
Situate at Bergeland Creek in the Omineca Mining Division,
to the value of at least 2400.00 dollars. Work was done from the 15th day
of August 19 74, to the 19th day of August 19 74

3. The following is a detailed statement of such work done in the 12 months in which such work is required to be done.

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, BELOW)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by regulations)

See attached itemized cost statement based on PQ wireline
(3 11/32 ins. diam. core) diamond drilling at average cost
of \$48.62 per foot. Drill core has been shipped in
entirety for bulk sampling purposes to:-

PLACER RESEARCH LABORATORY
323 Alexander Street
Vancouver, B.C. V6A 1C4

(Duplicate copies of drill logs attached herewith.)

Table with columns: HOST CLAIM, DDH#, DEPTH, COST. Includes entry for BERG 19 with depth 400' and cost \$19,448.00. Total cost \$19,448.00.

I wish to apply \$ 2400.00 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

1 year's work credits to be applied to each of the following 12 mineral claims.

Table with columns: CLAIM NAME, RECORD NO., ANNIVERSARY. Lists claims BERG 301-302, 304-305, 306-313 with their respective record numbers and anniversary dates.

B. DRILLING

(Details as per report submitted)

COST

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

C. PROSPECTING

(Details as per report submitted)

COST

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

D. GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL (Includes line cutting)
(State type of work)

COST

TOTAL

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

NOTE—Dollar value of work done under A, B, C, or D sections, totalling \$200, may be applied as one year's work.

Who paid for the above-described work?

Name CANEX PLACER LIMITED

Address 800 - 1030 W. Georgia Street

Vancouver, B.C. V6E 3A8

If you intend to claim a refund of cash in lieu under the provisions of the *Mineral Act*, you must make application on this affidavit under A, B, C, or D sections as applicable.

4. That I have not and will not use the work declared herein in any way for the purposes of obtaining tax exemption on a Crown-granted mineral claim under the terms of the *Taxation Act*.

SWORN and subscribed to at **VANCOUVER, B. C.**
this 27 day of June
19 75, before me
* **JUN 30 1975**
Sub-Mining Recorder

Paul S. Hall

* This affidavit may be taken by a person empowered to take affidavits by the *Evidence Act* of British Columbia.



MINERAL ACT

FORM I

NOTICE TO GROUP

SUB-MINING RECORDER
RECEIVED
JUN 30 1975
M.R. #100704 F 619
VANCOUVER, B. C.

Mining Division Omineca Location Bergeland Map No. NTS 93-E-14W
Name of group SPOT SUPP

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:—

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner's Certificate No.
BERG 19	1	14306	M		
21	"	14308	"		
22	"	14309	"		
40	"	14327	"		
41	"	14328	"		
42	"	14329	"		
55	"	14342	"		
142	"	32566	K		
251	"	40990	H		
252	"	40991	"		
261	"	41000	"		
262	"	41001	"		
301	"	126771	G		
302	"	126772	"		
304	"	126774	"		
305	"	126775	"		
306	"	126802	"		
307	"	126803	"		
308	"	126804	"		
309	"	126805	"		
310	"	126806	"		
311	"	126807	"		
312	"	126808	"		
313	"	126809	"		
SUN 57	"	130372	D		
58	"	130373	"		
59	"	130374	"		
60	"	130375	"		
61	"	130376	"	<i>Peter S. Hall</i>	128970
62	"	130377	"	Peter S. Hall	
63	"	130378	"	as agent for	
64	"	130379	"	CANEX PLACER LIMITED	128958
73	"	130989	K	700-1030 W. Georgia St.	
74	"	130990	"	Vancouver, B.C. V6E 3A8	
75	"	130991	"	and	
76	"	130992	"	KENNCO EXPLORATIONS	136454
77	"	130993	"	(Western) LIMITED	
78	"	130994	"	#730 - 505 Burrard St.	
79	"	130995	"	Vancouver, B.C. V7X 1M4	
80	"	130996	"		

* May be signed by agent on behalf of owner.

Joins 93 E/13

Bergeland

NANIKIA R

TEAHITSA

HAZELTON

QOTSA PULP HARVESTING FOREST

5501 MAP 1

INDEX MAP
SPOT SUPP GROUP

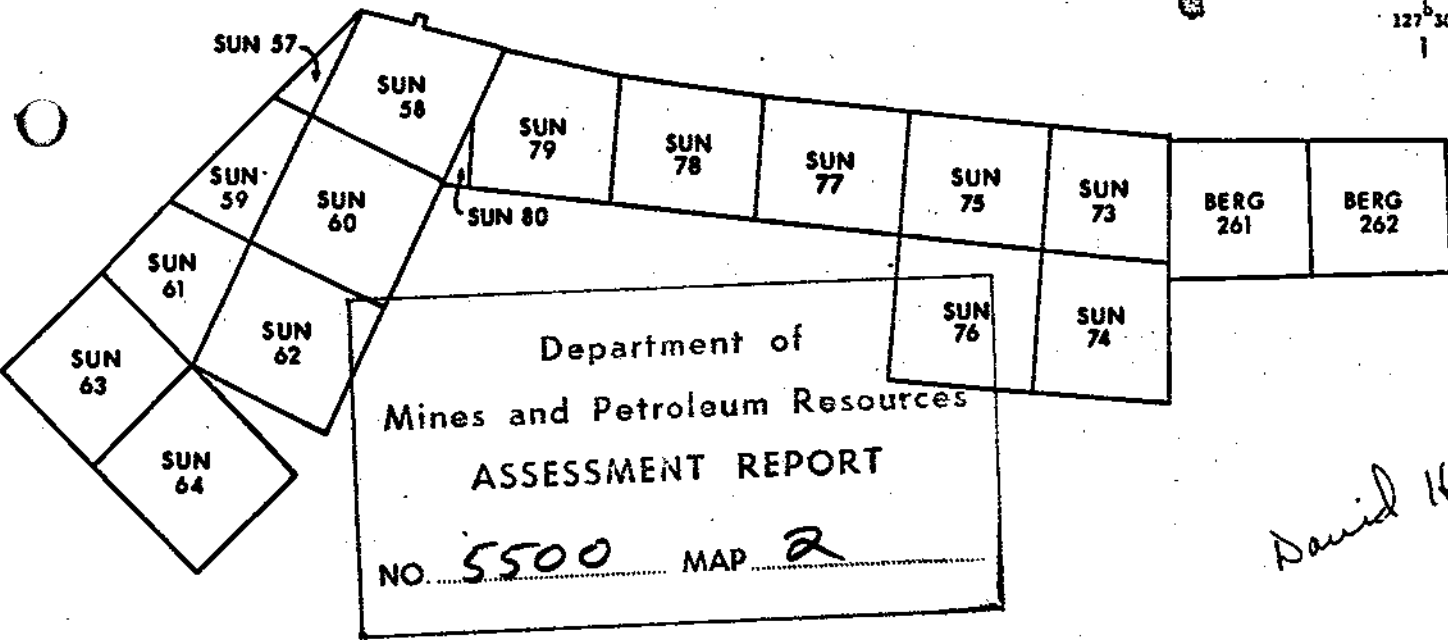
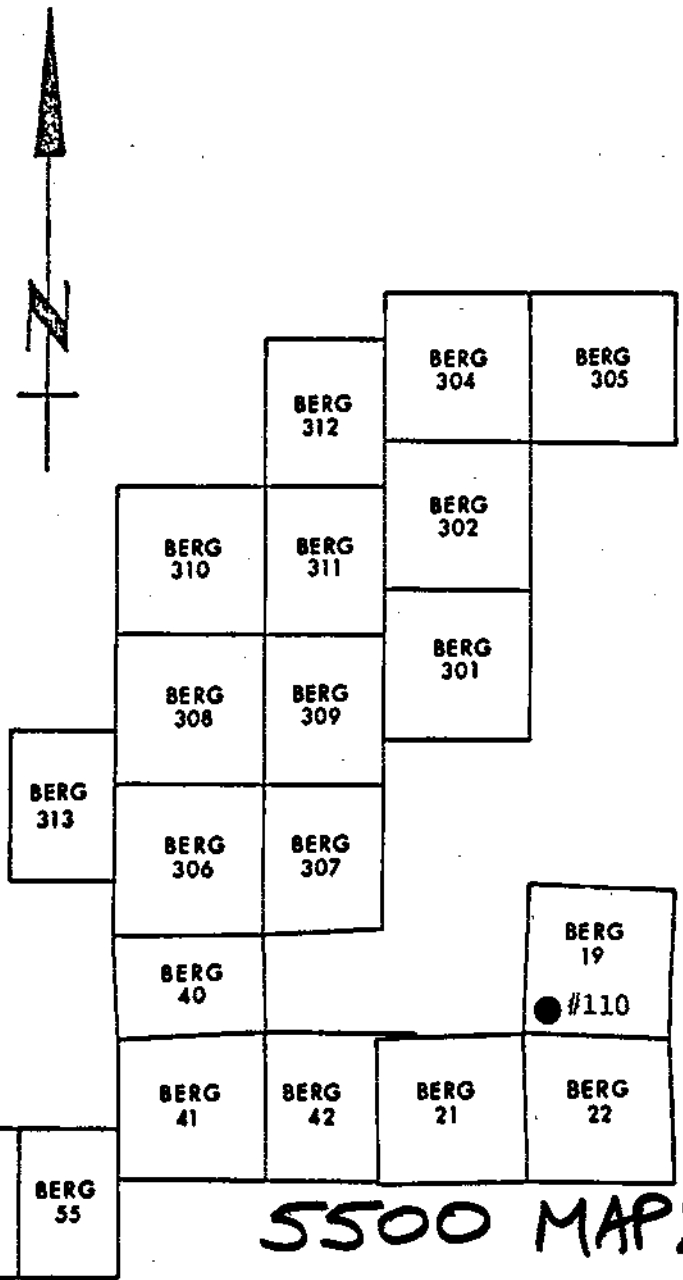
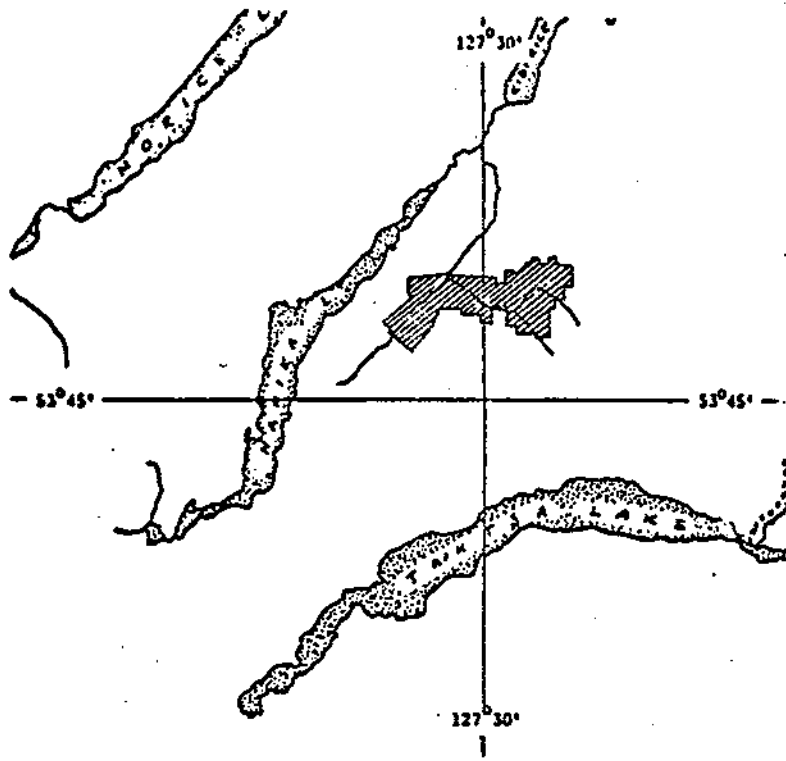
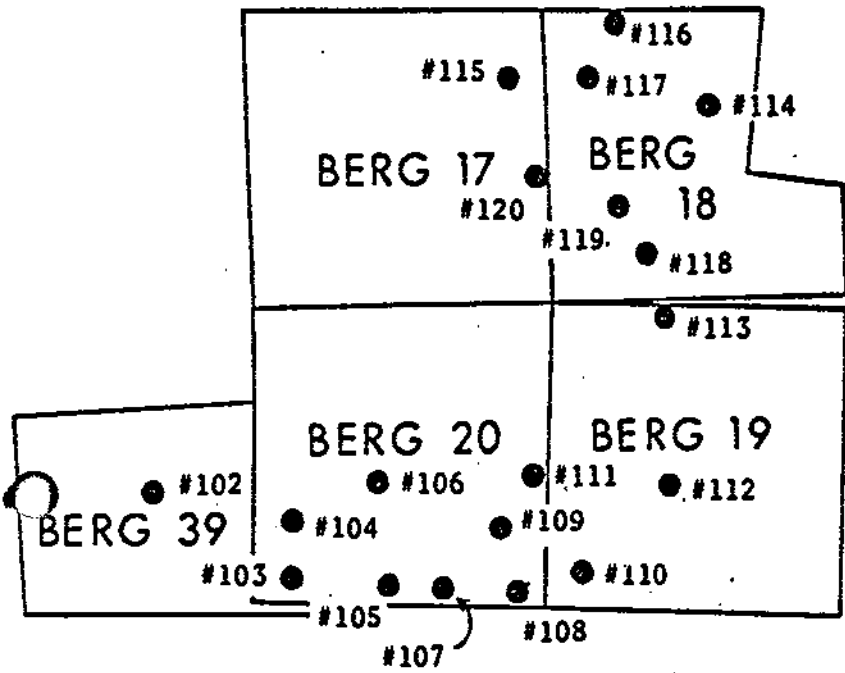
NEWCOMBE LAKE MAPSHEET
NTS 93-E-14-W

SCALE: 1=50,000

David Huston

53°45'
127°30'

01 02 03 04 25' 05



Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5500 MAP 2

David Kerton

5500 MAP 2

V139-BERG PROPERTY
1974 Field Season

SPOT SUPP GROUP
27 June 1975



DEPARTMENT OF MINES AND PETROLEUM RESOURCES

FORM B (Section 51) MINERAL ACT

SUB-MINING RECORDER RECEIVED

JUN 30 1975

M.R. # 100724 F 615-00 VANCOUVER, B. C.

Affidavit on Application to Record Work

1. I, Peter S. Hall Agent for KENNCO EXPLORATIONS (WESTERN) LIMITED
800 - 1030 W. Georgia Street #730 - 505 Burrard Street
Vancouver, B.C. V6E 3A8 Vancouver, B.C. V7X 1M4
Free Miner's Certificate No. 128970 Free Miner's Certificate No. 136454
Date issued 6th December 1974 Date issued 16th December 1974

MAKE OATH AND SAY:

2. I have done, or caused to be done, work on the BERG 39
(Tier 2-75 Group) Mineral Claim(s)
Record No.(s) 14326 (M)
Situate at Bergeland Creek in the Omineca Mining Division,
to the value of at least 4600.00 dollars. Work was done from the 13th day
of July 1974, to the 16th day of July 1974

3. The following is a detailed statement of such work done in the 12 months in which such work is required to be done.

(COMPLETE APPROPRIATE SECTION(S) A, B, C, D, BELOW)

A. PHYSICAL (Trenches, open cuts, adits, pits, shafts, reclamation, and construction of roads and trails)

(Give details as required by regulations)

See attached itemized cost statement based on PQ wireline
(3 11/32 ins. diam. core) diamond drilling at average
cost of \$48.62 per foot. Drill core has been shipped in
entirety for bulk sampling purposes to:-

PLACER RESEARCH LABORATORY
323 Alexander Street
Vancouver, B.C. V6A 1C4

(Duplicate copies of drill logs attached herewith.)

Table with columns: HOST CLAIM, DDH#, DEPTH, COST. Row 1: BERG 39, #102, 151', \$7341.62. Row 2: 151' X \$48.62 = \$7341.62. Row 3: TOTAL \$7341.62

I wish to apply \$ 4600.00 of this work to the claims listed below.

(State number of years to be applied to each claim and its month of record)

1 year's work credits to be applied to each of the following 23 mineral claims.

(July 3rd, anniversary)

Table with columns: CLAIM NAME, RECORD NOS. Row 1: NEWBERG 11-13, 16, 31, 34 126681-83, 126685, 126715, 126718

B. DRILLING

(Details as per report submitted)

COST

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

C. PROSPECTING

(Details as per report submitted)

COST

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

D. GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL (Includes line cutting)
(State type of work)

COST

TOTAL

I wish to apply \$ _____ of this work to the claims listed below.
(State number of years to be applied to each claim and its month of record)

NOTE—Dollar value of work done under A, B, C, or D sections, totalling \$200, may be applied as one year's work.

Who paid for the above-described work?

Name _____ CANEX PLACER LIMITED
Address _____ 800 - 1030 W. Georgia Street
Vancouver, B.C. V6E 3A8

If you intend to claim a refund of cash in lieu under the provisions of the *Mineral Act*, you must make application on this affidavit under A, B, C, or D sections as applicable.

4. That I have not and will not use the work declared herein in any way for the purposes of obtaining tax exemption on a Crown-granted mineral claim under the terms of the *Taxation Act*.

SWORN and subscribed to at Vancouver
VANCOUVER, B. C.
this 27th day of June
19 75, before me—
* [Signature]
Sub-Mining Recorder

[Signature]

* This affidavit may be taken by a person empowered to take affidavits by the *Evidence Act* of British Columbia.



MINERAL ACT
FORM I

NOTICE TO GROUP

SUB-MINING RECORDER
RECEIVED

JUN 30 1975

M.R. # 100704 SE
VANCOUVER, B. C.

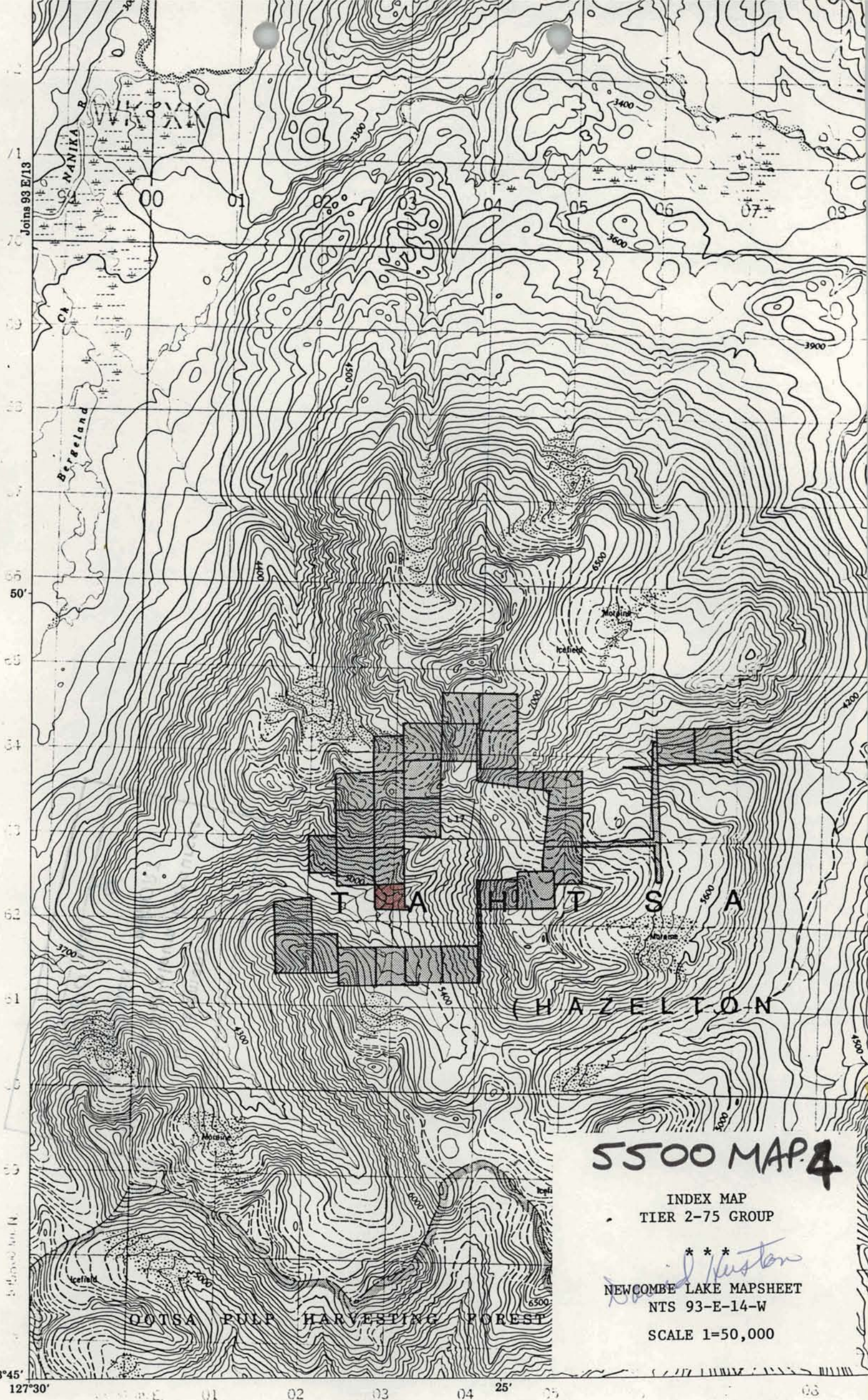
Mining Division Omineca Location Bergeland Creek

Name of group "Tier 2-75" Map No. NTS 93-E-14W

We, the undersigned owners* of the following adjoining mineral claims, desire to group them according to the provisions of the *Mineral Act*:—

NAME OF CLAIM	No. of Units	Record No. or Lot No.	Month of Record	SIGNATURE OF OWNER*	Free Miner's Certificate No.
BERG 1 FR	1	43300	K		
23	"	14310	M		
24	"	14311	"		
39	"	14326	"		
43	"	14330	"		
44	"	14331	"		
322	"	126776	G		
323	"	126777	"		
324	"	126778	"		
325	"	126779	"		
NEWBERG 11	"	126681	H		
12	"	126682	"		
13	"	126683	"		
16	"	126685	"		
31	"	126715	"		
34	"	126718	"		
35	"	126720	"		
37	"	126722	"		
38	"	126723	"		
50	"	126717	"		
55	"	126728	"		
63	"	126686	"		
67	"	126690	"		
68	"	126691	"		
69	"	126719	"		
70	"	126721	"		
73	"	126692	"		
74	"	126693	"		
75	"	126694	"		
76	"	126695	"		
83	"	126698	"		
84	"	126699	"		
86	"	126701	"	<i>Peter S. Hall</i>	128970
141	"	126726	"	Peter S. Hall	
142	"	126727	"	as agent for	
143	"	126736	"	KENNCO EXPLORATIONS	
264	"	126731	"	(Western) LIMITED	136454
266	"	126703	"	#730-505 Burrard St.,	
280	"	126713	"	Vancouver, B.C.	
281	"	126714	"	V7X 1M4	

* May be signed by agent on behalf of owner.



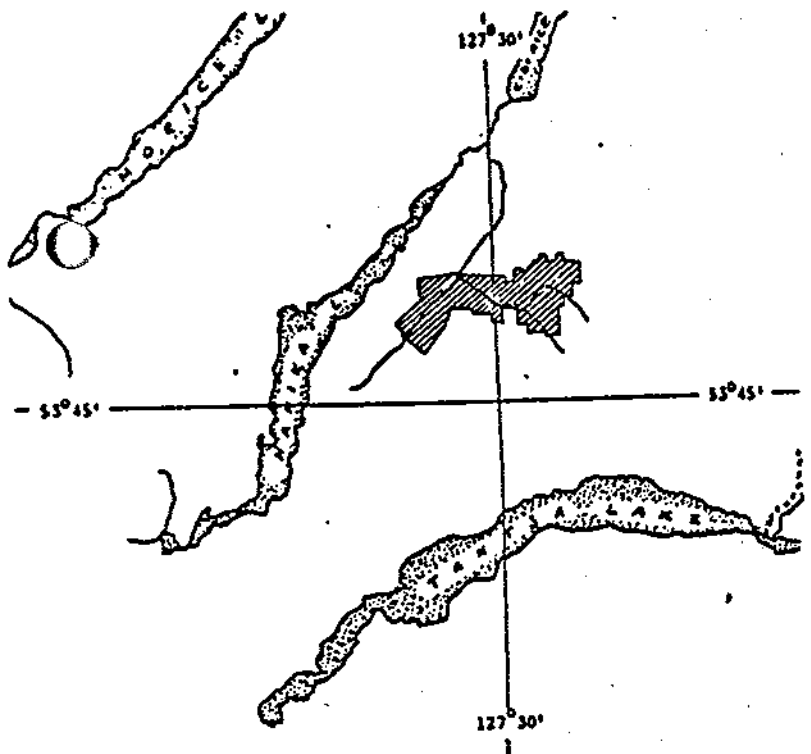
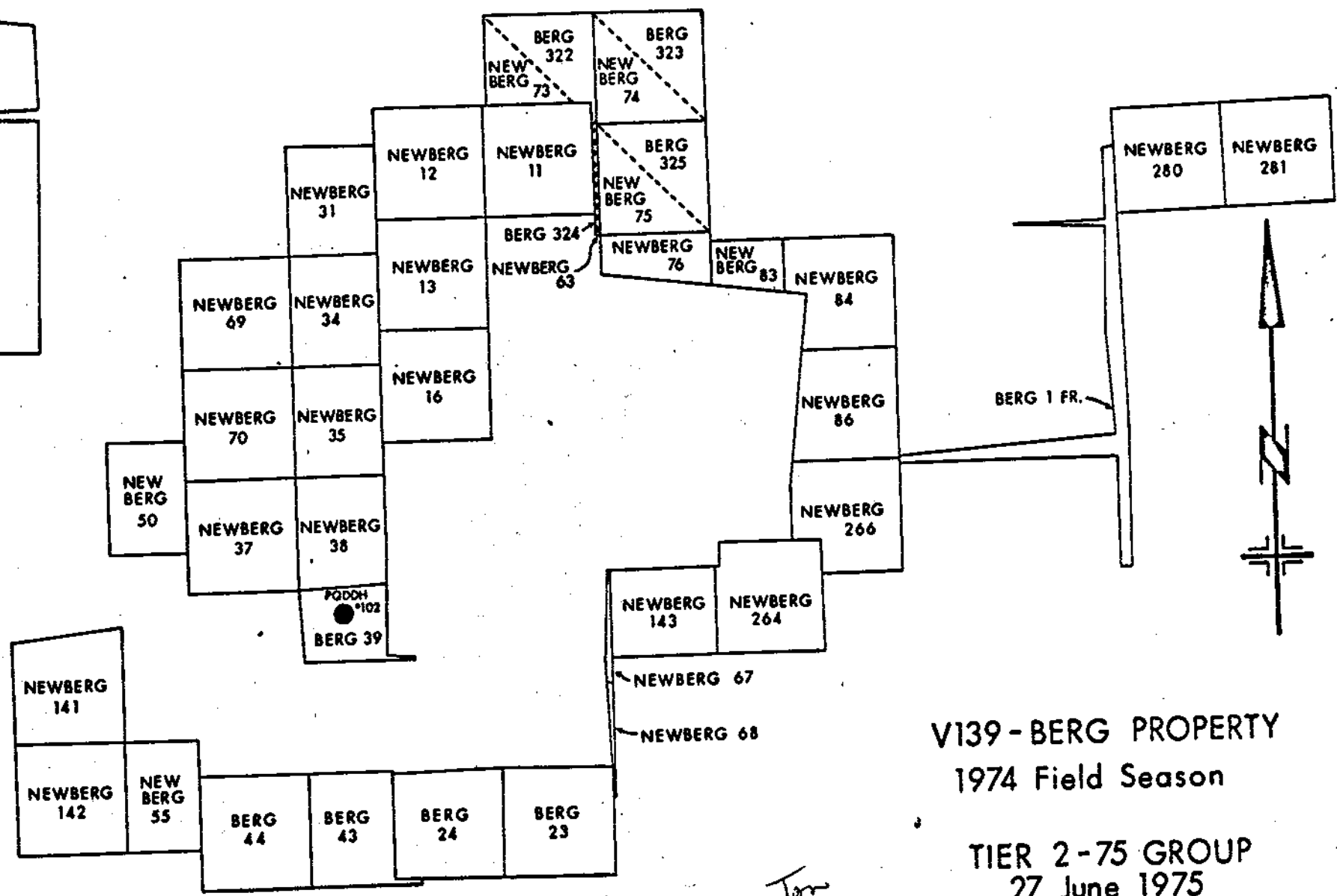
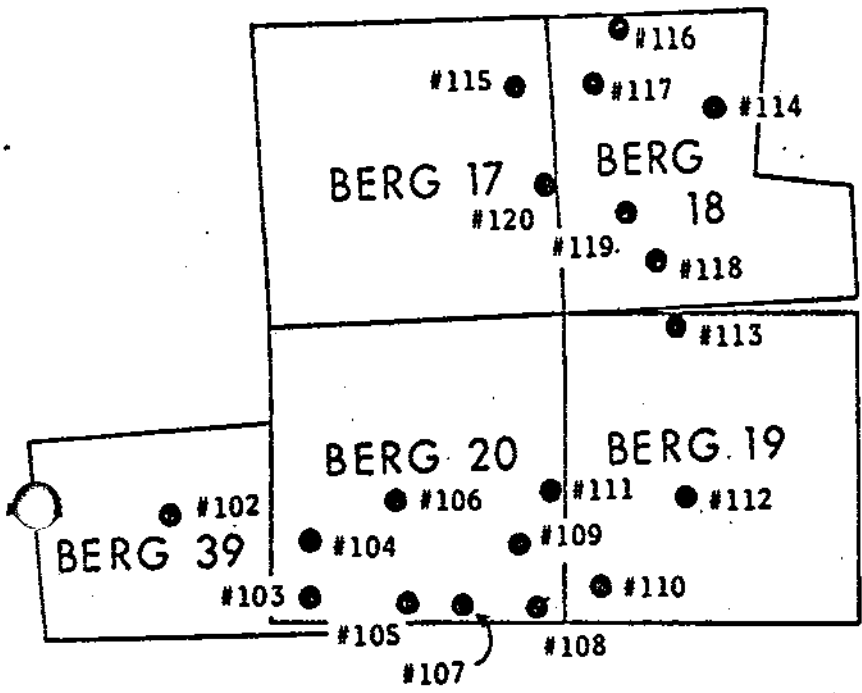
5500 MAP 4

INDEX MAP
TIER 2-75 GROUP

Newcombe

NEWCOMBE LAKE MAPSHEET
NTS 93-E-14-W

SCALE 1=50,000



V139-BERG PROPERTY
1974 Field Season

TIER 2-75 GROUP
27 June 1975

5500
MAP 5

David Huston

AGREEMENT entered into this 10th day of April, 1974

BETWEEN:

CANEX PLACER LIMITED
700 - 1030 WEST GEORGIA STREET
VANCOUVER, B.C.

the party of the first part, hereinafter referred to as the
Client,

AND:

CANADIAN LONGYEAR LIMITED
721 ALDFORD AVENUE
ANNACIS ISLAND
NEW WESTMINSTER, B.C.

the party of the second part, hereinafter referred to as the
Contractor.

WHEREAS the Client wishes to have performed certain diamond
drilling on mining properties located near Twinkle Lake, B.C.
and whereas the Contractor, in consideration of payments herein-
after contained, undertakes to do the said diamond drilling.

NOW THEREFORE IT IS WITNESSED:

Guaranteed
Footage:

1. The Client guarantees a minimum of six thousand (6000)
feet of diamond drilling, in a series of vertical holes, of a
maximum depth of four hundred and fifty (450) feet. All measure-
ments to be taken from top of casing.

Core Size:

2. The Contractor guarantees to sink with standpipe and/or
bore by diamond drill, the specified minimum footage, recovering
PQ wireline core, approximately 3.3 inches in diameter, and to
supply forthwith one (1) drill outfit along with necessary associated
equipment, industrial diamonds and labour, to commence the work
within the time limits agreed upon by the Contractor and the Client,
at the following schedule of rates:

<u>Price:</u>	<u>Schedule of Rates for Diamond Drilling</u> <u>Depth of Hole Range</u>	<u>Size of Core</u> <u>PQ Wireline</u>
	0 to 450 feet	\$27.15 per ft.

If holes of a greater depth than four hundred and fifty (450) feet are desired, such drilling shall be performed only upon such conditions and at such rates as may be agreed upon before commencement of such drilling.

3. The Contractor agrees that all its labour, diamond wear and loss, and all other operating expenses, except as hereinafter provided, shall be at its own cost and expense and for its own account.

Penetration of Overburden:

4. Wherever overburden is encountered on a setup, it is agreed that the Contractor's charge for penetrating such overburden shall be twenty-seven dollars and fifteen cents (\$27.15) per foot, for the first fifty (50) feet.

If the cost of penetrating the additional overburden is greater than twenty-seven dollars and fifteen cents (\$27.15) per foot, the Client agrees to pay the Contractor at the Hourly Rate for the penetration of such additional overburden.

Uncompleted Footage:

5. In the event that the Client directs the Contractor to discontinue the work under this agreement prior to the completion of the guaranteed footage of six thousand (6000) feet, it is agreed that the Client will reimburse the Contractor to the extent of two dollars (\$2.00) per foot for all uncompleted footage.

Hourly Rate: 6. It is agreed that the Hourly Rate shall be interpreted here and hereinafter to be thirty-five dollars (\$35.00) per hour, per drill outfit. It is also agreed that the Contractor shall include in the Hourly Rate the cost of supplying a regular two (2) man drill crew, supervision and maintenance as required, drilling machinery and associated equipment and fuels.

It is further agreed and understood that when the Contractor is working at the Hourly Rate, the cost of pipe or casing lost or left in the hole, diamond articles and materials and supplies consumed in the work shall be for the Client's account at cost, plus twelve (12) percent.

Extra Crews: 7. In the event labour over and above the regular two (2) man crew and supervision are required, the Contractor agrees to supply such additional labour at the rate of nine dollars and twenty-five cents (\$9.25) per man per hour.

Caves: 8. In the event that cavities or loose and caving materials are encountered of a nature as to prevent the successful completion of any hole, the Contractor does not, under such conditions, guarantee to drill to a predetermined depth, and in the event that it becomes necessary to abandon the hole, the Client agrees to pay for such uncompleted holes at the rates herein specified for all footage completed.

In the event it becomes necessary to resort to cementing or reaming casing in bedrock, the Client agrees to reimburse the Contractor at the Hourly Rate for the cementing or reaming operations.

9. Wherever pipe or casing is lost or is left in a hole on the instructions of the Client's Engineer, the Client agrees to pay the Contractor for such pipe or casing at prevailing market prices, F.O.B. drill site. The Client agrees to pay the Contractor the cost of the diamond set casing shoe bits, in addition to the cost of any casing left in the hole.

Mud Circulation: 10. It is understood that the Contractor shall employ mud circulation and have the right to determine the type of drilling fluid to be implemented. The cost of supplying and transporting mud and additives will be for the Client's account.

It is further understood and agreed that the cost of recovering lost circulation will be for the Client's account at the Hourly Rate.

Water: 11. The Contractor agrees to provide equipment capable of pumping water up to a maximum distance of three thousand (3000) feet and through a vertical lift of three hundred (300) feet at no cost to the Client. The installation, maintenance and removal of water-lines shall be for the Client's account, at the Hourly Rate.

Transportation and Moves: 12. It is agreed that the moving of drill equipment, supplies and personnel to the truck discharge point and return from the truck loading point shall be for the Client's account at a lump sum of seven thousand five hundred and twenty dollars (\$7,520.00) with 75% payable upon completion of the move in and the remaining 25% payable upon completion of the minimum footage.

It is agreed that the moving of drill equipment, supplies and personnel from the truck discharge point to the initial drill site, between drill sites, and return from the final drill site

to the truck loading point shall be for the Client's account at the Hourly Rate.

Moving shall be interpreted to include loading and off-loading equipment, tearing down, dismantling machinery, moving, securing timber, transportation, site preparation, laying and removing waterlines, and setting up.

It is agreed that the Client will supply a tractor for moving operations and servicing the operation, at no charge to the Contractor.

Interim service trips in connection with the maintenance of drill camps and the drilling operation shall be for the Client's account.

Waiting Time
for Orders:

13. It is understood and agreed that time lost waiting for orders from the Client's Resident Engineer, or Representative, shall be charged to the Client at the Hourly Rate.

Travel Time:

14. In the event travel time from the camp to the drill and return exceeds one half ($\frac{1}{2}$) hour per man per day, the Client agrees to reimburse the Contractor for all travel time in excess of one half ($\frac{1}{2}$) hour per man per day at the rate of nine dollars and twenty-five cents (\$9.25) per man per hour.

Core:

15. The drilling shall be conducted so as to produce maximum core recovery with every reasonable precaution taken to prevent crushing, wearing or grinding of core. All cores recovered by the Contractor shall be delivered to the Client at the drill site and carefully marked and placed in receptacles to be furnished by the Client.

Sludge: 16. The Contractor agrees to take sludge samples whenever instructed so to do. All sludge samples shall be placed by the Contractor's operators in containers provided by the Client and carefully marked.

Security: 17. The Contractor will not give out any information regarding drill results or permit access to any drill core, to any person other than the Client's accredited representatives, except upon specific permission of responsible officials of the Client.

It is agreed that the contents of this agreement shall remain confidential between the Management of the Client and the Contractor.

Camps: 18. The Client agrees to provide board and lodging for the Contractor's personnel at no expense to the Contractor.

Discipline: 19. 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 employees of the Contractor, who are objectionable or unsatisfactory to the Client, shall be removed from the work and replaced by an employee satisfactory to the Client.

Insurance: 20. The Contractor shall maintain such insurance as will protect it from all claims and damage for personal injury, including death resulting therefrom, and from claims for property damage arising from the operations under this contract, in an amount

not to exceed \$500,000.00 inclusive for all liabilities for any one accident or occurrence.

21. The Contractor shall be responsible for and will pay promptly all dues and assessments payable under any Workmen's Compensation Act, or other similar Act, whether Provincial or Dominion, in respect of its employees.

Sanitation & Environment:

22. During the course of the work, the Contractor shall at all times keep the Client's premises free from accumulation of waste material or rubbish and upon completion of the work, shall remove all tools, scaffoldings, surplus materials and rubbish, and leave the premises in a clean condition. The Contractor shall observe and comply with all applicable Federal and Provincial laws, regulations and orders relating to prevention of forest fires and sanitation in the bush.

Rights of Way:

23. The Client 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 fall any timber on the Client's property as may be required in the course of the work hereunder, and the Client shall indemnify and save harmless the Contractor from any assessment for stumpage or other charges of every kind and nature.

Payment for Work: 24. The Client agrees to pay the Contractor in Canadian funds the above prices. Payment to be made within thirty (30) days of the date of the account rendered. Invoices shall be submitted twice monthly. Interest at the rate of one (1) percent per month shall be charged on overdue accounts.


25. This agreement may be altered only by written consent of both parties hereto.

26. Time is of the essence in this agreement.



Witness


CANADIAN LONGYEAR LIMITED



Contractor

Witness

CANEX PLACER LIMITED



Client

CANEX PLACER LIMITED
EXPLORATION DIVISION

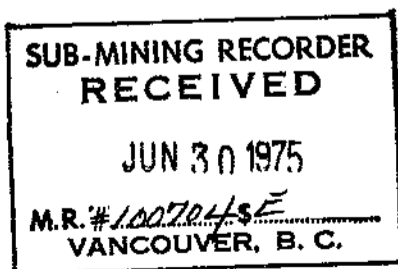
April 11, 1975.

I, A.D. Drummond Ph.D., of 800 - 1030 West Georgia Street,
Vancouver, B.C. do hereby certify:

1. that I am a geological engineer registered with
the Professional Engineers Association of British
Columbia.
2. that I am Assistant Exploration Manager of Western
Canada for Canex Placer Limited who operate the
Berg property.
3. that D.R. Huston has been a supervisor of the
technical program on the Berg project during 1973
and 1974, that he has been employed by Canex Placer
Limited since 1966 and that he has shown competence
in the performance of his duties which include core
logging.



A. D. Drummond Ph.D. P. Eng.
A. D. DRUMMOND Ph.D., P. Eng.
CANEX PLACER LIMITED,
Assistant Exploration Manager,
Western Canada.

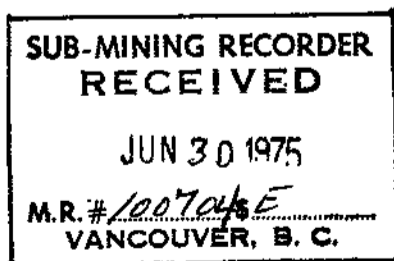


CANEX PLACER LIMITED
EXPLORATION DIVISION

April 10, 1975.

I, David R. Huston of 800 - 1030 West Georgia Street, Vancouver, B.C., am employed by Canex Placer Limited in the position of Geological Field Supervisor. I graduated as a Mining Technician from British Columbia Institute of Technology in 1966. Since that time I have been employed by Canex Placer in all aspects of exploration and geological appraisal, including core logging experience. Furthermore, I have worked during the 1973 and 1974 field seasons directly on the Berg property as Assistant Project Supervisor and I consider myself quite familiar with the geology of that deposit.

David Huston
David R. Huston



	JUNE	JULY	AUGUST	SEPT.	OCT.	TOTAL
<u>REEDMAN, P</u>	10-12 14-30	1-26	1-30	16-27, 30	1-12	
b	970 14	1414 50	1414 50	1414 50	2815 44	8029 08
<u>HUSTON, D</u>	27-30	1-31	17-31	1-27, 30	1-21	
b	191 59	1150 00	1150 00	1150 00	1286 16	4927 75
<u>WELCH, I A</u>	1-30	1-31	1-26	1-28		
b	931 50	931 50	931 50	931 50	-	3726 00
<u>COLEMAN, C</u>	16-30	1-31	1-31	1-4		
b	564 65	690 00	690 00	868 69	-	2813 34
<u>LYNNE, S</u>	25-30	1-31	1-31	1-4		
b	108 41	632 50	632 50	787 30	-	2160 71
<u>MARKOTI, M</u>	-	1-31	1-31	1-4		
-	-	662 61	622 50	772 23	-	2067 34
<u>RUSSELL, D</u>	28-30	1-31	1-31	1-25		
S	153 34	1610 00	1610 00	1471 35	-	4844 69
	<u>2919 63</u>	<u>7091 11</u>	<u>7061 00</u>	<u>7395 57</u>	<u>4161 60</u>	<u>28568 91</u>

David Huston

BERG PROPERTY
1974 FIELD SEASON

COST STATEMENT

<p>SUB-MINING RECORDER RECEIVED</p> <p>JUN 30 1975</p> <p>M.R. #1007045 E-613-00</p> <p>VANCOUVER, B. C.</p>

DIAMOND DRILLING	
(Canadian Longyear Ltd. contract)	
Total of footage, labour, mud & mobilization costs	\$208,806.08
ROAD BUILDING	
Sum of D-8 cat time, including opening of access road	\$ 16,649.50
TRANSPORTATION	
Air	
Commercial fares	691.00
Helicopter, Alpine & O.K.	1,452.91
Bell 206	4,067.00
Ground	
4 months use of 2FWD Ford 3/4 ton P.U. trucks c/w winches Commercial rate = \$500.00/mo. plus \$25.00/mo. insurance (10¢/mi./month after 2000 mi.)	4,200.00
SAMPLING AND ASSAYING	Not Shown
COMMUNICATIONS	
Transmitter equipment rental @ \$116.12/mo. for 5 mos.	580.60
Special site accessories	95.00
Radio licencing fee	26.00
Commercial Telephone billing	148.85
COMPUTER COSTS	3,509.34
CAMP OPERATION	
622 mandays @ \$15.00/per =	9,330.00
SALARIES (See attached back-up sheet) =	28,568.91
ADMINISTRATION (Head office admin chg.) =	<u>16,000.00</u>
TOTAL	\$294,125.19

6049 feet of drilling

294,125.19 divide by 6049 = \$48.62/ft.

David Kustan

CANEX AERIAL EXPLORATION LIMITED

GRID: _____

1:2. 99.7%

 HOLE No. 102
 SHEET No. 1 of _____

LOCATION: approx Berg 31 BEARING: S LATITUDE: 18313.11 PROPERTY: BERG
 DATE COLLARED: JULY 13/74 LENGTH: 151' DEPARTURE: 8618.29 CORE SIZE: PQ LOGGED BY: PGK + DPH
 DATE COMPLETED: July 16/74 DIP: 90 ELEVATION: 5047.86 SCALE OF LOG: 1"=10' DATE: JULY 17, 1974

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS			EST. GRADE
									SAMPLE No.	Cu	Mo	
<i>CASING TO 16'</i>												
<u>DACITE PORPHYRY</u>	Extreme weathering			limonite only with hematite.	Multitude of fracs at all angles.	19	70		49876	.03	.008	1.01
GREY TO LIGHT BROWN MATRIX 50% OF ROCK MASS 1-2 MM PHENOCRYSTS of BIOTITE 10% (PLAG - 30%) QUARTZ - 5% CHLORITE 5%	HEAVILY WEATHERED LIMONITE ZONE TO 22', LIMONITE ON FRACS.	35° 80° 60°	1	lim MoS ₂ on lim frac.	largest unfract piece of rock < 2". 20% recovered is < 1".	24	95	SAMPLES COLLECTED	49877	.09	.020	.02
LIGHT BUFF COLORED MATRIX - 40-50% which contains PHENOCRYSTS of PLAG 2MM - 30-35%, Qtz 20-25%, Chl 5-10%	20' - CONTACT @ 60°	30		py dissol; shows tendency to replace water some on py in fracs.		30	95	COLLECTED				
Rock type is PQP (dyke); plaq, quartz porphyry continues down hole without slightly varying pheno contents.		35, 45° 50° 80°	1	MoS ₂ hlns. 1/8" Q 1/2" Q-MoS ₂	40% core < 1". Rest of core has open fracs with spacings 2" to 3". cc coating py on some fracs.		100		49878	.09	.021	.02
PQP - slightly varying chlorite content with py predominantly but not exclusively associated. May actually be biotite poor dacite phase i.e. no books of biotite.		20, 50°	1-2	hln cutting 1/8" q, MoS ₂ cc coatings on py. Late lim frac cutting MoS ₂ hlns. Int set 2 MoS ₂ fracs. both cutting barren fracs.	Lim on set of fracs @ 65° Due to frac int ± no core actually larger than 2-3" 30-40% < 1".		100		49879	.21	.05	.05
- remains unchanged to 76' where rock becomes slightly more porphyritic with increase in chlorite (bio) content.	- chloritization of bio - pyritization of mafics (lim on open fracs.)	35, 20° 25°	1	hln, MoS ₂ cutting 1/4" Q-MoS ₂ 1/8" MoS ₂ -Q	Strong frac set @ 65°, max. spacing 3in 80% core between 1in & 3in 20% < 1in.	55	100		49880	.076	.04	.04
"	"	35° 36°	1	3/8" Barrow Q 1/4" Q pycc (cc) Pau... MoS ₂ on fracs. with cc? 1/4" Q-MoS ₂	Fracs et cont ± 15-20% > 3" 20% < 1"	65	100		49881	.34	.038	.06

David K. ...

CANEX AERIAL EXPLORATION LIMITED

HOLE No. 20102
SHEET No. 2 of

GRID: _____ LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____
 DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____
 DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS				EST. GRADE
										SAMPLE No.	Cu	Mo	cu Ox	
as before - buff to brown hue to rock. <u>Dacite Porphyry</u>			55° 30° 60°		1/2" Fault 1/2" Q-(MoS ₂) cut by hln MoS ₂ . 1/8" Q-MoS ₂ x 2; 1/8" Q-MoS ₂ cut by 3/8" Batten Q. 3x 1/4" Q-chl-py-(MoS ₂) Maj. Fracs. 60-70° 1/16" Q-Kepar cutting Q-MoS ₂ 10% 73" 25-30% < 1"		75	100		49882	.42	.047	.04	
- similar texture but distinct change in colour of matrix to grey, lessening of matrix content. at 88' revert without apparent contact to similar rock type but with more grey matrix with minor bi & 5-10% chl. Max size any phenos 3mm.	original biotite gone to chlorite.		75, 20° 45° 40°		cc on py on occas ^y frac. 1/4" Q-py-MoS ₂ cut by 1/8" Q-MoS ₂ 1/8" Q-MoS ₂ cut by hln MoS ₂ 1/4" Q-MoS ₂ numerous frac.	5% > 3" 50% < 1"	80 85 90	100 100 100		83	.34	.038	.03	
	Short sections exhibit slightly greater field alt ⁿ and buff colouration in the matrix. Limonite on frac.		40°		Hln MoS ₂ intersecting & cutting Q veinlet. Hln Q-MoS ₂ cutting Q Hln Q-MoS ₂	Prominent frac. set 70°	95 100	100 100		84	.25	.045	.04	
	"		10°		Majority of frac have lim-chl ± py ± cc Q-py-(cc) MoS ₂ 2x 1/4" Q-MoS ₂ abundant Cuprite 1/2" Py	15% 73" 20% < 1"	102 106	100 100		85	.42	.050	.08	
"	"		10° 25° 30° 80°		1/4" Q-py cut by 1/8" Q-MoS ₂ -py-(py)-chl 1/4" Q-MoS ₂	Minor disc ^d MoS ₂ on open frac. Py disc ^d throughout. Numerous minute frac w/ MoS ₂ 30% 73" 20% < 1" cc on py common	111 116	100 100		86	.24	.033	.03	
Same rock type	Rock is consistently more alt ^d . Plag's going to clay; complete chlorit ^e		40° 45° 30° 70, 20°		2x Q-cc 1/4" faulted vein py-MoS ₂ 1/2" Q-cc 1/8" Q-MoS ₂ -py 1/4" Q-MoS ₂ cut by 1/4" Q-MoS ₂ -(cc)-py	Numerous frac with cc. dustings. Frac set @ 50° 10% 73" 50% < 1"	121 126	100 100		87	.35	.036	.06	

GRID: _____

CANEX AERIAL EXPLORATION LIMITED

HOLE No. B3110
SHEET No. 2 of 7

LOCATION: B3 BERG 36 BEARING: _____ LATITUDE: 17923.61 PROPERTY: BERG
 DATE COLLARED: Aug 15, 1974 LENGTH: 400 DEPARTURE: 10798.57 CORE SIZE: PO 1/2 LOGGED BY: PGB
 DATE COMPLETED: Aug 19, 1974 DIP: -90 ELEVATION: 5798.76 SCALE OF LOG: 1"=10' DATE: Aug 17 - , 1974

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS				EST. GRADE
										SAMPLE No.	Cu	Mo	CuO _x	
<u>Tricone to 15' (Bedrock on core block)</u> <u>Volcanic - Siliceous Tuff?</u> <u>Light greyish-yellow rock,</u> <u>very hard siliceous sections.</u>		15			<u>lim., manganese oxides, (Fe, Mo, O)</u>		15							
<u>Majority of rock is quite soft, gouge-like. Could be completely weathered (altered) hornfels.</u>	<u>Clay-like breakdown of rock mass.</u>	20				<u>Substance, however soft seems to core well, solid pieces of core 1-2' long recovered.</u>	21	85						
		20				<u>No actual strength to rock.</u>	29	95						
		30				<u>Rock highly fract.</u>	38	98						
<u>Similar rock type but on the whole rock now much harder & competent. Colour now consistently light grey.</u>	<u>Lots of clay-like material in rock.</u>	40			<u>lim, Mn, (Fe, Mo, O)</u>	<u>Numerous qtz veinlets + frags.</u>		100						
		50			<u>Fault</u>		48							
<u>Colour changing to a greenish grey; granular, limonitic sections.</u> <u>Rock very soft, altered around faults</u>		60					53	100						
	<u>Complete breakdown of rock constituent minerals where rock is buff coloured & soft.</u>	60			<u>Fault</u>		60	100						
		70			<u>lim, hem, goe, (Fe, Mo, O) on frags.</u> <u>1/2 Py-lim</u>		67	100						

David Hunter

GRID: _____

CANEX AERIAL EXPLORATION LIMITED

HOLE No. 110
SHEET No. 2 of _____

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____
 DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____
 DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS				EST. GRADE
										SAMPLE No.	Cu	Mo	CuO _x	
Dark grey-brown granular Hornfels - numerous buff coloured soft sections	as before, - clay production from rock fields.	Frac 80	45°	1-2	Disseminated py content picking up. lim, hem, (cc) on py 2x Py-(cc)-chl	Numerous fracs 60% < 1"	77	98		49104	.09	.010	.02	
"	"	Frac 85	45°	1-2		"	87	98		105	.35	.010	.02	
"	"	Frac 90	45°	1-1/2		"	94	98		106	.20	.024	.05	
Sections of drk brown to black Bio Hornfels Rock becoming more competent.	Chloritization on biotite in rock mass.	Frac 100	45°	1-1/2	lim & hem w/py on most fracs. Only sulphide is py	Rock cores well but shatters easily. 30% < 1"	104	98		107	.35	.018	.03	
Bio Hornfels with bleached sections	"	Frac 110	45°	1-1/2	Py ± (cc) MoS ₂ on frac 2x Qtz-py-(cc)	* Lim zone ends 115' Numerous fracs with MoS ₂ .	113 114	100		108	.30	.102	.05	
"	"	Frac 120	70° 30°	1-3/4	1/4 P-MoS ₂ 1/4 P-Q-cc-MoS ₂ Several Q-py-(cc)	CC increasingly apparent on fracs	124	100		109	.22	.082	.04	
"	"	Frac 120	30°	1-3/4	3/8 Q-py-lim-MoS ₂ -(Fe, Mo) "	"	100	100						

CANEX AERIAL EXPLORATION LIMITED

HOLE No. 110
SHEET No. 3 of

GRID: _____ LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____
 DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____
 DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS			EST. GRADE	
										SAMPLE No.	Cu	Mo		CuOx
<u>Hornfels</u> light grey siliceous variety low biotite content.	Ser env ^s on most py fracs.	130	25°		No cpy noted. Several 1/8" Q-py	Most frags have (lim)+(Fe,Mo,P) Fracture spacing max 1/2". 20% < 1"	134	100		49110	.42	.026	.04	
- biotitic rich sections of hornfels		140	40°		1/2" Q-py-(cc) MoS ₂ on frac veinlets w/(cc)	Core well fract ^d , breaks up easily, but cores reasonably well. 30% < 1"	144	100		11	.53	.090	.05	
		150			Numerous qtz-py veinlets, little (cc) (cc) on frags 1/8" Q MoS ₂ -py		154	100		12	.41	.041	.04	
<u>Hornfels</u> - light grey to brown, biotitic sections, granular, considerable feldspar content	chloritization, clay development + ser. env ^s .	160			Numerous py fracs, cc on some as minor constituent.	Rock is hard but highly fract ^d .	164	100		13	.50	.088	.05	
		170	0°		1/8" Q-py-(cc) Several qtz-py (cc)	cc increasing	170			14	.46	.063	.04	
- hornfels considerably more biotitic.		180	50°		Large qtz vein system w/(cc) cc on py 1/8" py-cc 1/16" qtz cutting 1/16" py w/ser env	40% < 1"	180	100		15	.69	.334	.04	

GRID: _____

CANEX AERIAL EXPLORATION LIMITED

HOLE No. 110
SHEET No. 4 of _____

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____
 DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____
 DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS				EST. GRADE	
										SAMPLE No.	Cu	Mo	CuOx		
<u>Hornfels</u> light grey to brown; biotite hornfels sections, siliceous sections, grain sizes to 2mm.	chloritization, ser env, clay development.				Several Qtz, Py, MoS ₂ , cc veinlets. irregular 1" Qtz-MoS ₂ Several Qtz-MoS ₂	-high grade MoS ₂ in this section 50% L1"	197	100		49	116	.71	.202	.04	
							98								
" - rock in places appears brecciated by Qtz	"		40° 45° 60° 60°		Qtz-py (cc) (cc) on fracs Qtz-MoS ₂ fracs 1/2 Q-MoS ₂ (ground) 1/8" Py in 1" Q vein 3/8" Q-(py) (cc)-MoS ₂	MoS ₂ on many fracs. 50% L1"	202	100	8	17		.80	.127	.03	
" - bedding preserved? - 32° TCA @ 218'	"					(cc) on py on most fracs. 35% L1"	212			18		.66	.075	.03	
							218	100							
" bedding again 32° @ 222'	"		20° 20° 20° 20°		1/8" Py-cc w/ 1" ser env 1/2" Q-py-MoS ₂ cutting 1/8" py	cc definitely increasing. cc on many fracs.	227	100		19		.67	.046	.66	
<u>Breccia dyke</u> - post mineral as not mineralized & carrying mineralized fragments	"				2-py-cc (cpy) 2-py-cc	py dustings on late? fracs w/ no associated alt. cc as ser env.	237	100		20		.94	.065	.05	
<u>Hornfels</u> - reddish brown, granular	- sericitic alt ⁿ near veins				3 Q-py-cc-MoS ₂ (La)		244	100		21		1.02	.051	.06	
							249	100							
- siliceous, hard, coarse grained sections	"				py, cc, MoS ₂ disseminated & on fracs. 1/2" py-cc	Rock more competent, tough - less fracs, no large veins.	244	100		21		1.02	.051	.06	
							249	100							

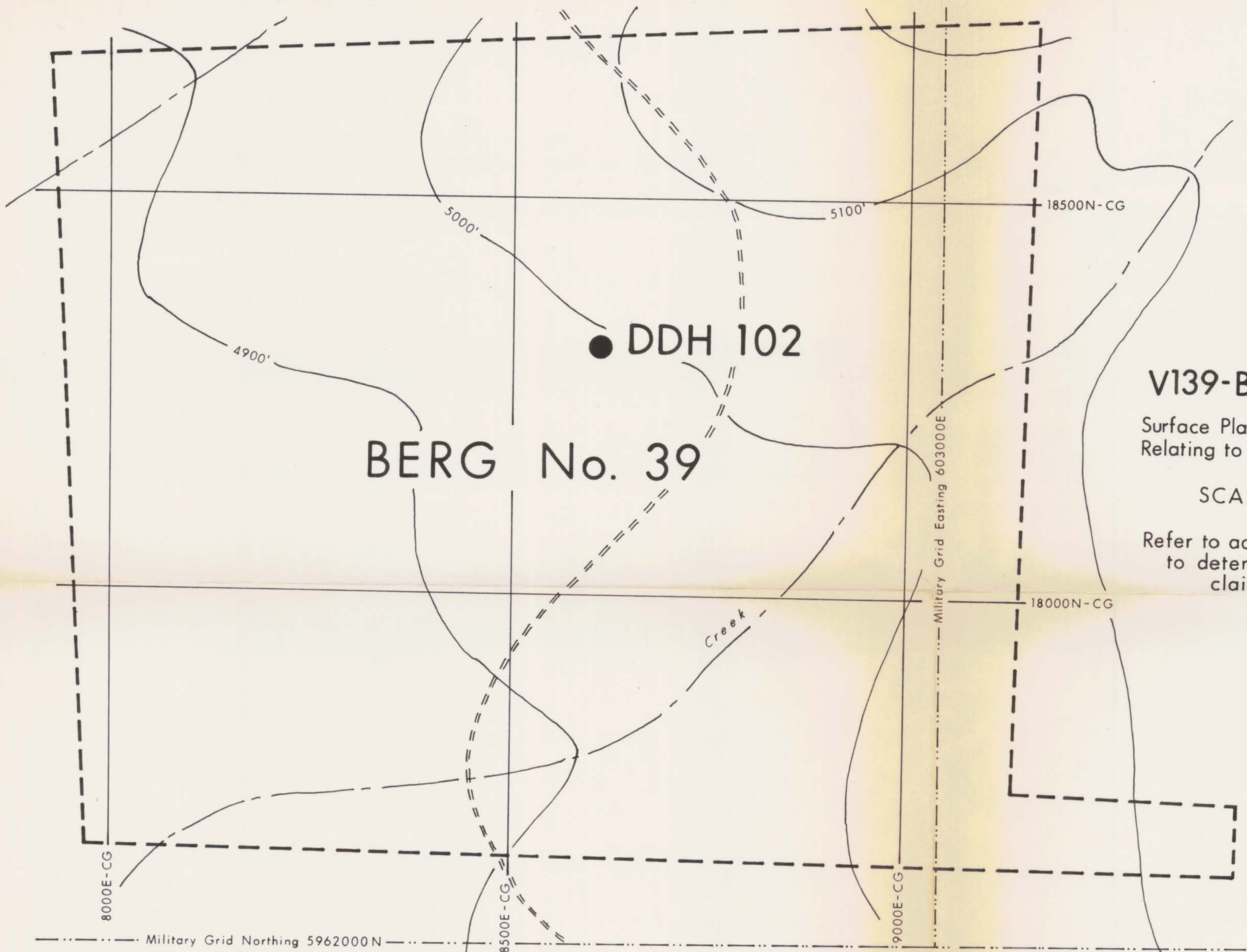
GRID: _____

CANEX AERIAL EXPLORATION LIMITED

HOLE No. 110
SHEET No. 5 of _____

LOCATION: _____ BEARING: _____ LATITUDE: _____ PROPERTY: _____
 DATE COLLARED: _____ LENGTH: _____ DEPARTURE: _____ CORE SIZE: _____ LOGGED BY: _____
 DATE COMPLETED: _____ DIP: _____ ELEVATION: _____ SCALE OF LOG: _____ DATE: _____

ROCK TYPES AND TEXTURES	ALTERATION	GRAPHIC LOG Rock Type Alteration Footage Structure	JOINT OR CONTACT ANGLES	% PYRITE	MINERALIZATION	REMARKS	FOOTAGE BLOCKS	EST. CORE REC.	COMPOSITES	ASSAY RESULTS			EST. GRADE	
										SAMPLE No.	Cu	Mo		CuO _x
rock changes at 249' to aptanitic dense hard black <u>Biotite Hornfels</u>	- light grey green alt ^h env ^s on most fracs. - frac density at times high enough to "bleach" all of rock,	249	20°	2%	1/2 Q-py-cc 3/8 Q-py(cc)-chl 1/2 Q-chl-py-cc 3x 2-py-chl-MoS ₂ -cc 2 1/4" P ₁ -MoS ₂ 1/2" Q-py-MoS ₂	- highly fract ^d section - some short section have frac spacings > 2". 20% < 1"	254	100		49122	.59	.050	.02	
" - rock has yellowish-grey colour. Fracture density > several hundred/10'. Frac spacing max 1/4". Rock still quite tough - siliceous.	" highly alt ^d , soft, clayey	260	75°		- few fracs py-lin numerous fracs py-MoS ₂ (cc)	- seems to be more MoS ₂ than py + cc. 30% > 3" 30% < 1"	264	100		23	.52	.137	.03	
" - dense, brown, fine grained highly fractured - "shatterite"	"	270	20°		- diss ^d py-cc 1/2 Q-py-MoS ₂ 2 1/4" Q-MoS ₂ -py section of vein in: Q-py-MoS ₂ -cc.	deaf core > 1"	270	100		24	.74	.220	.04	
" <u>Biotite Hornfels</u> - dense, brown, fine grained highly fractured - "shatterite"	- chloritization of rock mass.	280	60°	1/4%	cpy on frac 2-py-cc MoS ₂ hairline	cc on most fracs nearly replac py. 60% < 1"	288	100		25	.74	.069	.03	
"	"	290	20°		1/2" cc-py 1/2" Q-py-(cc-MoS ₂) 2-py-cc 2-cc-MoS ₂	" Rock mostly rubble 80% < 1"	295	100		26	.56	.105	.01	.8
"	"	300	35°		cc-py ± (MoS ₂) seen in rubble 2 1/2" P ₁ -cc	cc on many fracs w/py. Core all rubble 90% < 1"	302	100		27	.56	.049	.01	1.00
"	"	310	70°				307							



BERG No. 39

● DDH 102

V139-BERG PROPERTY
 Surface Plan Showing 1974 Drilling
 Relating to the TIER 2-75 Group

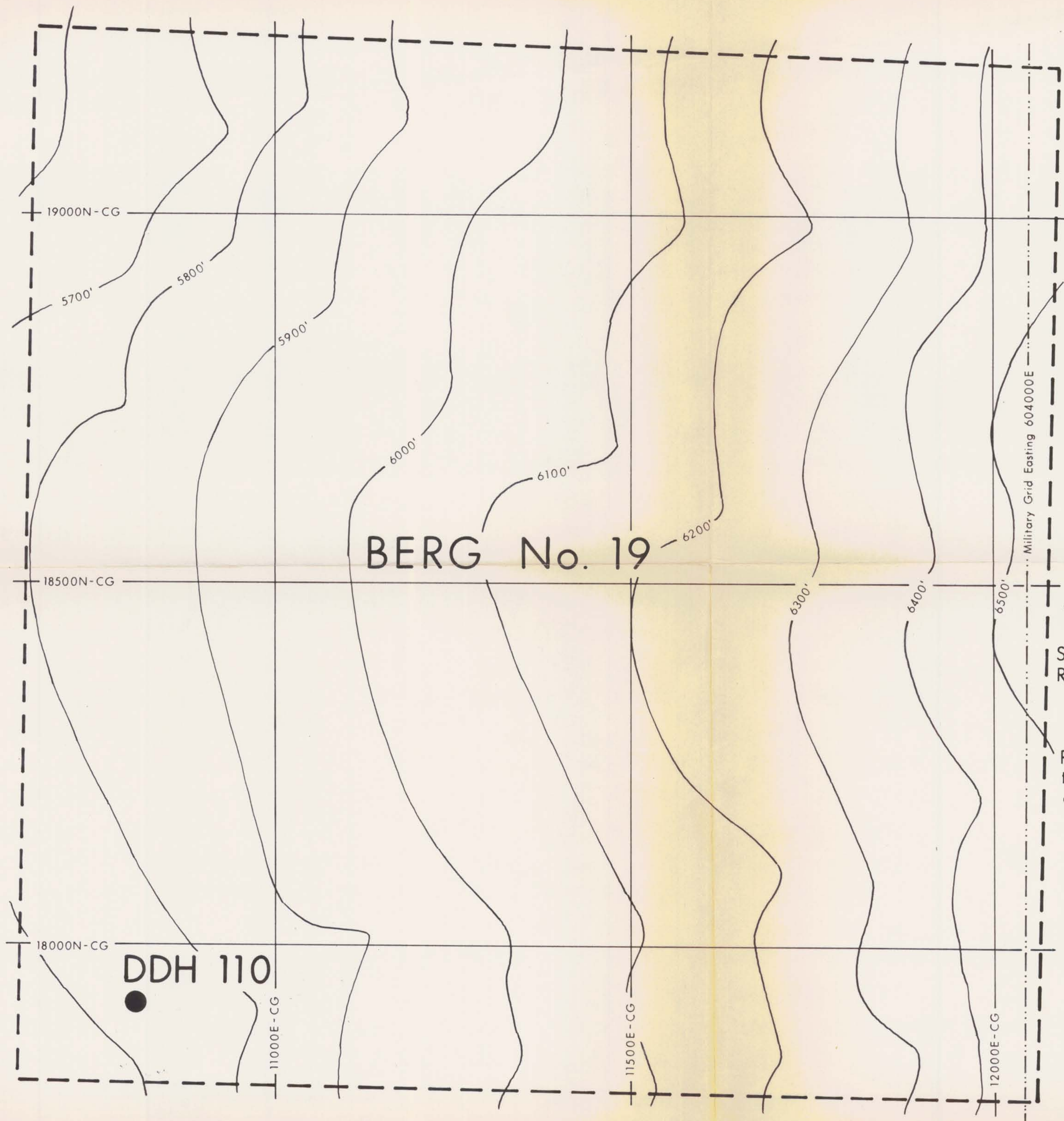
SCALE: 1=1250

Refer to accompanying index map
 to determine location of Host
 claim within group.

David Huston

Department of
 Mines and Petroleum Resources
 ASSESSMENT REPORT
 NO. 5500 MAP 6

5500
 MAP 6



BERG No. 19

DDH 110

V139-BERG PROPERTY

Surface Plan Showing 1974 Drilling
Relating to the SPOT SUPP Group

SCALE: 1=1250

Refer to accompanying index map
to determine location of Host
claim within group.

David Huxton

Department of
Mines and Petroleum Resources
ASSESSMENT REPORT
NO. 5500 MAP 3

5500
MAP 3