

Star, Klondike, HOT
93L010 Dungate Creek-07

PROPERTY FILE

015442

PERCUSSION DRILLING REPORT

on the

DUNGATE CREEK PROSPECT

NORTHEASTERN BRITISH COLUMBIA

owned by

CANADIAN SUPERIOR EXPLORATION LIMITED

by

PROPERTY FILE

J. DOUGLAS BLANCHFLOWER

PROPERTY DESCRIPTION: HOT and CU claims

LOCATION: At 3,150 feet elevation near
Dungate Creek, 4 miles southeast
of Houston.
N.T.S. 93L/7E 54°126°SW
Omineca Mining District

DATE STARTED: March 22, 1974

DATE COMPLETED: April 12, 1974

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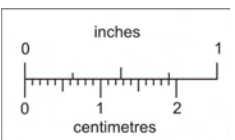
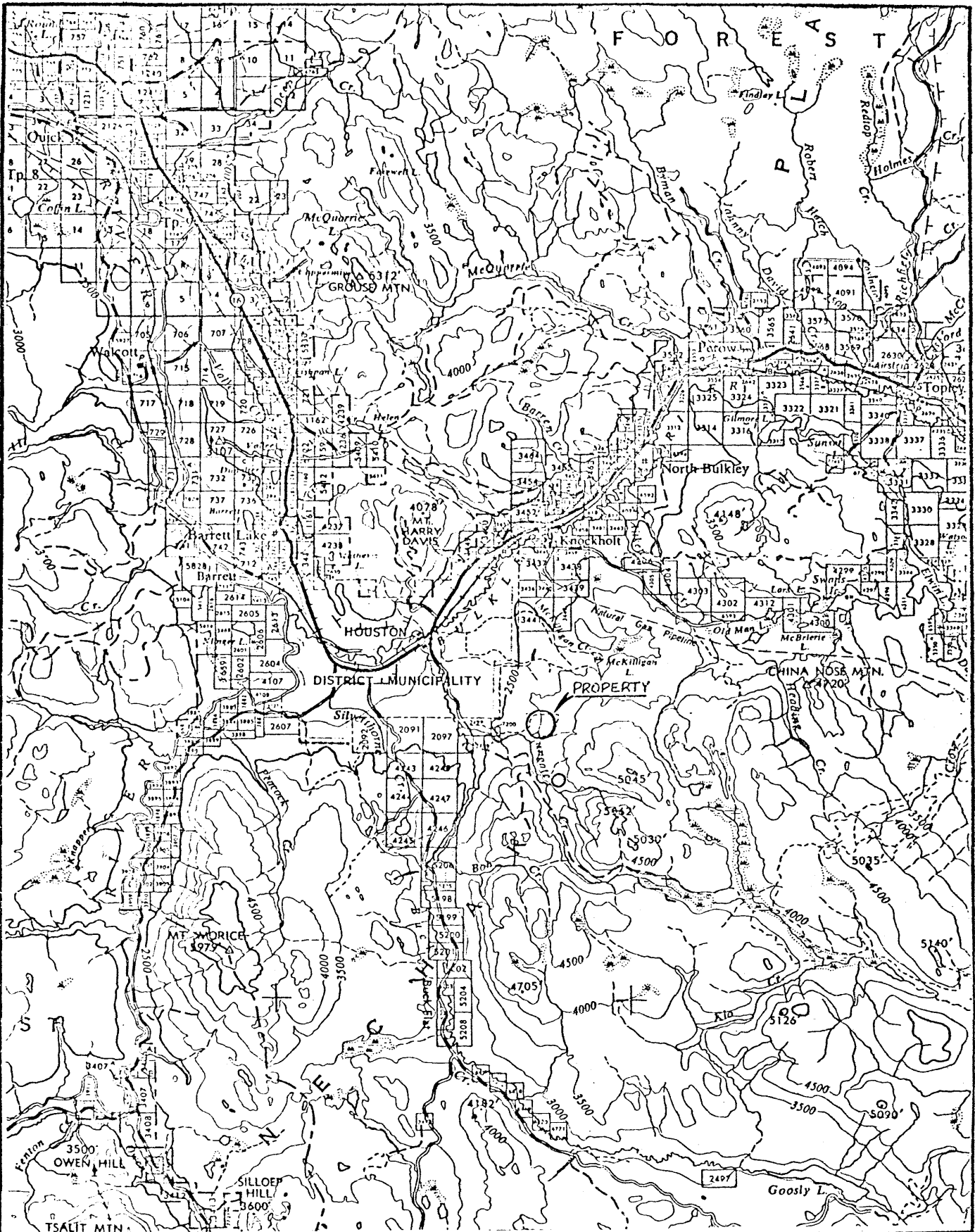
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A. INTRODUCTION

This report discusses assessment work to be recorded against claims near Dungeness Creek, four miles southeast of Houston, B.C. at lat. 54 22'N, long. 126 34'W, N.T.S. 93L/7E (fig. 1). The claims held by Canadian Superior Exploration Limited of Vancouver include:

<u>CLAIM NAME & NO.</u>	<u>RECORD NO.</u>
HOT 1	108782
HOT 2	108783
HOT 3	108784
HOT 4	108785
HOT 5	108786
HOT 6	108787
HOT 7	108788
HOT 8	108789
HOT 9	108790
HOT 10	108791
HOT 11	108792
HOT 12	108793
HOT 13	108794
HOT 14	108795
HOT 1 FR	108796
HOT 2 FR	125450
HOT 3 FR	125451
HOT 4 FR	125453
HOT 5 FR	125452
HOT 6 FR	126063
CU 2	110811
CU 4	110813
CU 6	110815
CU 8	110817



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CANADIAN SUPERIOR EXPLORATION LIMITED SMITHERS REGIONAL OFFICE		
DUNGATE CR PROSPECT		
LOCATION		
ORAUGHTSMAN: JB	SCALE: 1 : 250,000	DATE: JAN 1974

CLAIM NAME & NO.

RECORD NO.

CU 9	110818
CU 10	110819
CU 11	110820
CU 12	110821
CU 15	110824
CU 13	126118
CU 14	126119
CU 16	126120
CU 18	126121
CU 19	126122
CU 21	126124
CU 25	126128
CU 27	126130
CU 29	126132
CU 1 FR	126146
CU 2 FR	126147

Access to the property is via good gravel and dirt roads approximately six miles from Houston, B.C.

B. HISTORY OF THE PROPERTY

The initial discovery of copper and molybdenite mineralization was made in a shallow excavation on the newly constructed Dungeness Creek logging road about 1962. Subsequent trenching parallel to the road failed to reveal any important extension of the mineralization and the owners allowed the claims to lapse.

In July 1964, E. Westgarde of Houston restaked the showing. Additional claims were staked in 1965 and the property was then optioned to Southwest Potash Corporation. A period of detailed exploration followed which included a magnetometer survey, a limited programme of soil and rock geochemistry, 3,000 feet of bulldozer trench, and geological mapping.

Early in 1966, Normont Copper Ltd. gained control of the property and initiated a new phase of investigation. Anco Exploration Ltd. was contracted for general field work including a geochemical survey and in the fall of the same year Huntec Ltd. completed an induced polarization survey. In 1967, Chapman, Wood and Griswold Ltd., under the supervision of Dr. S.W. Ward, ran another detailed induced polarization survey to pinpoint diamond-drill targets. Normont optioned the property to Noranda Exploration Company, Limited in December 1967 and by April 1968 drilling began. The programme included seven AQ wireline drill holes, totalling 2,000 feet. Results were disappointing and the property remained dormant from 1969 to 1972.

In April 1972, R. Blusson restaked the Westgarde holdings for Passport Mines Ltd. The claims were restaked in 1973 by Chinook Resources and Maverick Mountain Resources who controlled the claims.

During March 1974, Canadian Superior Exploration Limited optioned the property and undertook a percussion drilling program between March 22nd and April 12th, 1974. Under the direction of the writer six percussion holes were drilled for a total of 1,800 feet.

C. PERCUSSION DRILLING

1. Purpose and Scope

The percussion drilling programme on the Dungen Creek prospect was designed to test possible extensions of known weak copper mineralization.

Percussion drill hole sites were located primarily on the basis of a compilation of known geological, geophysical and geochemical data.

2. Method

In March 1974 an agreement was drawn up between Canadian Superior and H.N. Horning Percussion Drilling Ltd. for the latter to provide sufficient men and material to drill and recover cuttings from a depth of 300 feet using percussion drilling equipment.

Roads and drill sites required a D6 bulldozer for snow removal and site preparation.

Six holes were drilled to a depth of 300 feet each for a total footage of 1,800 feet.

3. Results of the Percussion Drilling Programme

(a) No ore was intersected by the drill holes.

(b) Very weak copper and molybdenite mineralization was encountered in drill holes P.D.H. 74-2, 74-3, 74-5, and 74-6.

(c) The drilling failed to indicate any specific drill targets.

APPENDIX I

STATEMENT OF EXPENDITURES

In support of an affidavit in application for Certificate of Work on mineral claims on the Dungate Creek prospect. Work recorded in Vancouver, April 19, 1974.

Canadian Superior Personnel

1. Salaries

R. Lasmanis*	Mar. 22-25/74	5 days @ 91.05	\$455.22	
J.D. Blanchflower**	Mar. 22-Apr.22/74	22 days @ 27.94	<u>\$614.76</u>	\$ 1,069.98

2. Expenses

R. Lasmanis			\$192.80	
J.D. Blanchflower			\$153.25	\$ 346.05

3. Percussion Drilling

Drilling costs - 1,800 feet @ \$3.29/foot				\$5,912.00
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4. Analysis of Samples

Assaying

Assaying costs - 171 samples @ \$6.00/sample				\$1,026.00
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Shipping of samples (Smithers to Vancouver, B.C.)

Shipping costs - 171 samples @ 40¢/sample				\$ 68.65
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5. Road and Drill Preparation (D6 bulldozer)

Road and Site Preparation costs

31 1/2 hours @ \$25.00/hour \$787.50

Mobilization and Demobilization costs

6 hours @ \$24.00/hour \$144.00 \$ 931.50

6. Supplies - including shipping to job

98.53

TOTAL COST OF DRILLING 1,800 FEET

\$9,452.71

Amount applied for 2 years assessment on
7 mineral claims = \$2,800.00

Amount applied for 1 year assessment on
33 mineral claims = \$6,600.00

* Assistant to the Director of Exploration

** Geologist

APPENDIX II

CERTIFICATE

I, J. DOUGLAS BLANCHFLOWER, of the City of Kamloops,
Province of British Columbia, do hereby certify that:

1. I am a geologist resident at #45 - 800 Southill
Street, Kamloops, British Columbia.
2. I am a graduate of the University of British Columbia
(1971) with a B.Sc. (Honours) degree in geology.
3. I have been practicing my profession for three years.
4. I have been employed by Canadian Superior Exploration
Limited since December, 1972.

Dated at Vancouver, B.C.

this *April 30, 1974*


J. Douglas Blanchflower, B.Sc.

HOT 11

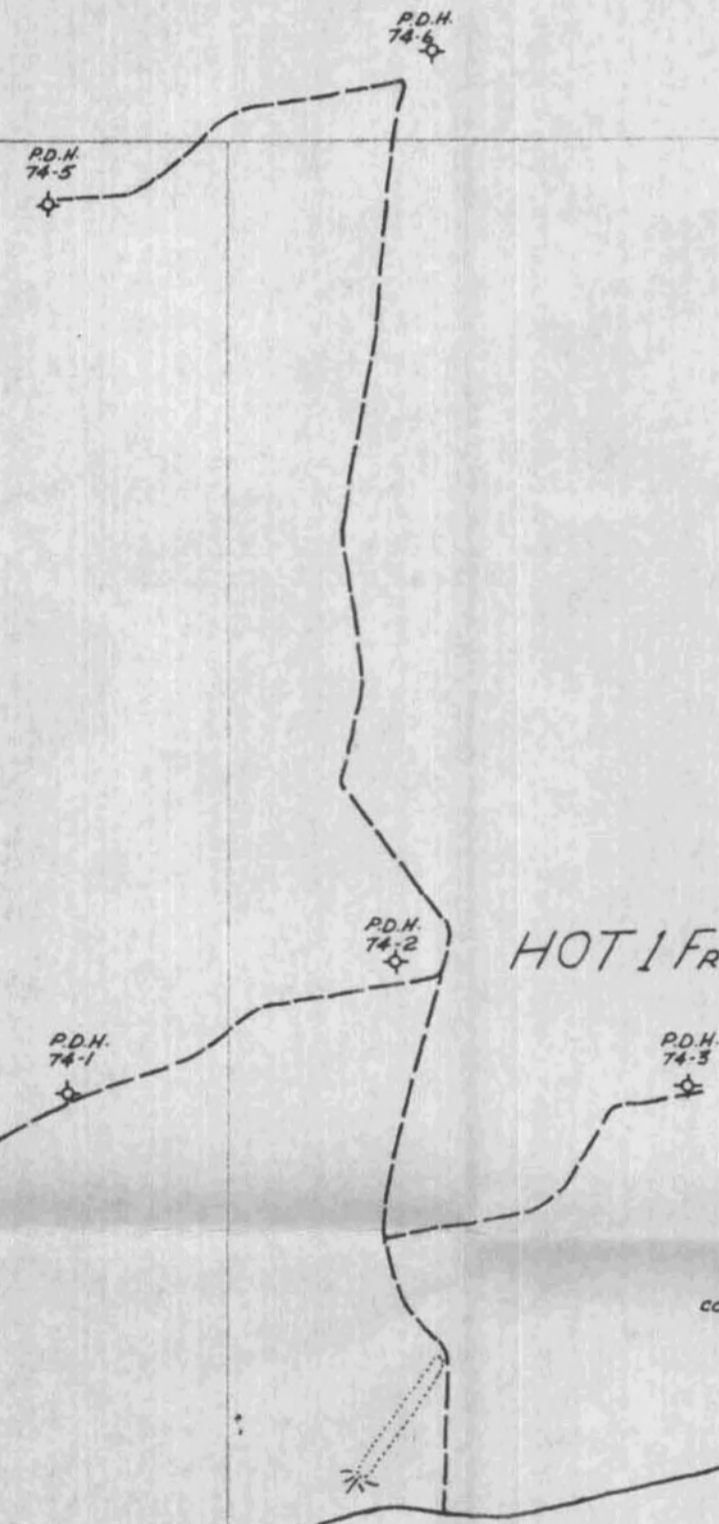
HOT 9

HOT 7

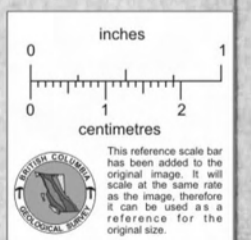
HOT 1

HOT 1 Fr.

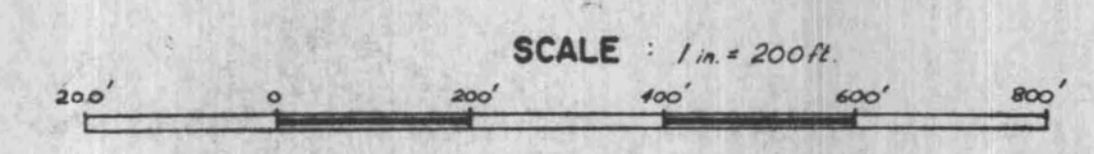
HOT 3



5 MI. TO HUNTON



N.T.S.
93L/7E



CANADIAN SUPERIOR EXPLORATION LIMITED		
DUNGATE CREEK PROSPECT - OMINECA M.D.		
DRILL HOLE LOCATION MAP		
DRWN. BY: J.D.B.	DATE: APR. 18, 1974	DWG. 13

HOT 11

HOT 9

HOT 7

HOT 1

HOT 1Fr.

HOT 3



-LEGEND-

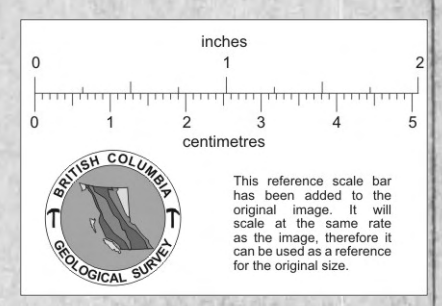
- ③ QUARTZ FELDSPAR PORPHYRY
- ② SILICIFIED ZONE
- ① HAZELTON VOLCANIC ROCKS

-SYMBOLS-

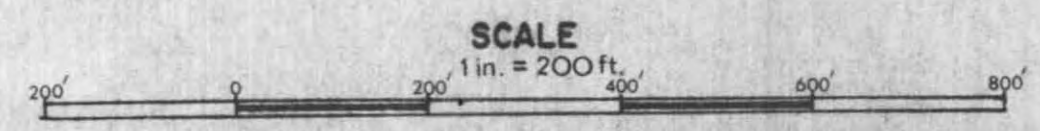
- Road
- Trench
- Outcrop
- Percussion Drill Hole
- Diamond Drill Hole (Noranda, 1968)
- Geological Contact
- Py Pyrite
- Cp Chalcopyrite
- Mo Molybdenite

Compilation of geological data from N.Church (B.C.D.M., 1972)

← 5 MILES TO HOUSTON



N.T.S.
93L/7E



CANADIAN SUPERIOR EXPLORATION LIMITED

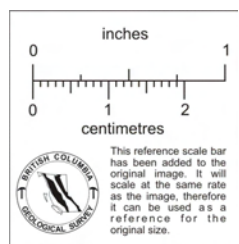
DUNGATE CREEK PROSPECT - OMINECA M.D. 93L

PERCUSSION DRILL HOLE LOCATIONS and a
COMPILATION of KNOWN GEOLOGICAL DATA

Drwn by: JDB Date: April, 1974 DWG. 3

OVERBURDEN	Copper [%Cu]	Molybdenite [%MoS ₂]
	.02	.002
	.01	.002
	.002	.001
	.01	.002
	.01	.002
	.01	.002
	.01	.003
	.01	.002
100'	.01	.002
	.02	.002
	.05	.002
	.04	.002
	.04	.002
	.04	.002
	.03	.003
	.04	.002
	.03	.003
	.02	.004
200'	.02	.003
	.01	.001
	.02	.002
	.04	.001
	.02	.001
	.02	.001
	.03	.001
	.03	.001
	.03	.001
	.03	.001
300'	.02	.002

CANADIAN SUPERIOR EXPLORATION LTD.		
PERCUSSION HOLE		
P.D.H. 74 - 1		
Fig. 4	Scale: 1 inch = 50 feet	
core size	azimuth	inclination
location	date started	date completed
recovery	logged by	drift. by
J.D.B.		J.D.B.
To Accompany:		
DUNGATE CREEK DRILLING REPORT		



OVERBURDEN	Copper [%Cu]	Molybdenite [%MoS ₂]
	.05	.002
	.11	.001
	.04	.002
	.05	.001
	.04	.001
	.02	.001
	.03	.002
	.02	.002
100'	.02	.001
	.02	.001
	.04	.001
	.04	.001
	.08	.001
	.08	.001
	.04	.002
	.03	.002
	.03	.001
	.03	.002
200'	.02	.001
	.02	.001
	.03	.002
	.02	.002
	.02	.002
	.12	.002
	.07	.002
	.07	.002
	.08	.001
	.07	.002
300'	.03	.003

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PERCUSSION HOLE

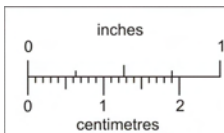
P.D.H. 74 - 2

Fig. 5 | Scale: 1 inch = 50 feet

core size	azimuth	inclination
location	date started	date completed
recovery	logged by	drift. by
	J. D. B.	J. D. B.

To Accompany:

DUNGATE CREEK DRILLING REPORT



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OVERBURDEN	Copper [%Cu]	Molybdenite [%MoS ₂]
	.03	.012
	.05	.012
	.07	.011
	.06	.008
	.04	.006
	.03	.004
	.04	.007
	.04	.006
100'	.04	.018
	.05	.016
	.05	.012
	.06	.008
	.07	.015
	.03	.013
	.02	.008
	.02	.014
	.03	.009
200'	.04	.012
	.04	.011
	.08	.011
	.12	.016
	.07	.016
	.10	.013
	.06	.014
	.06	.019
	.04	.014
	.05	.012
	.08	.011
300'	.05	.013

CANADIAN SUPERIOR EXPLORATION LTD.

PERCUSSION HOLE

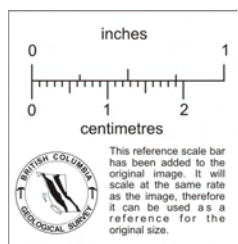
P.D.H. 74 - 3

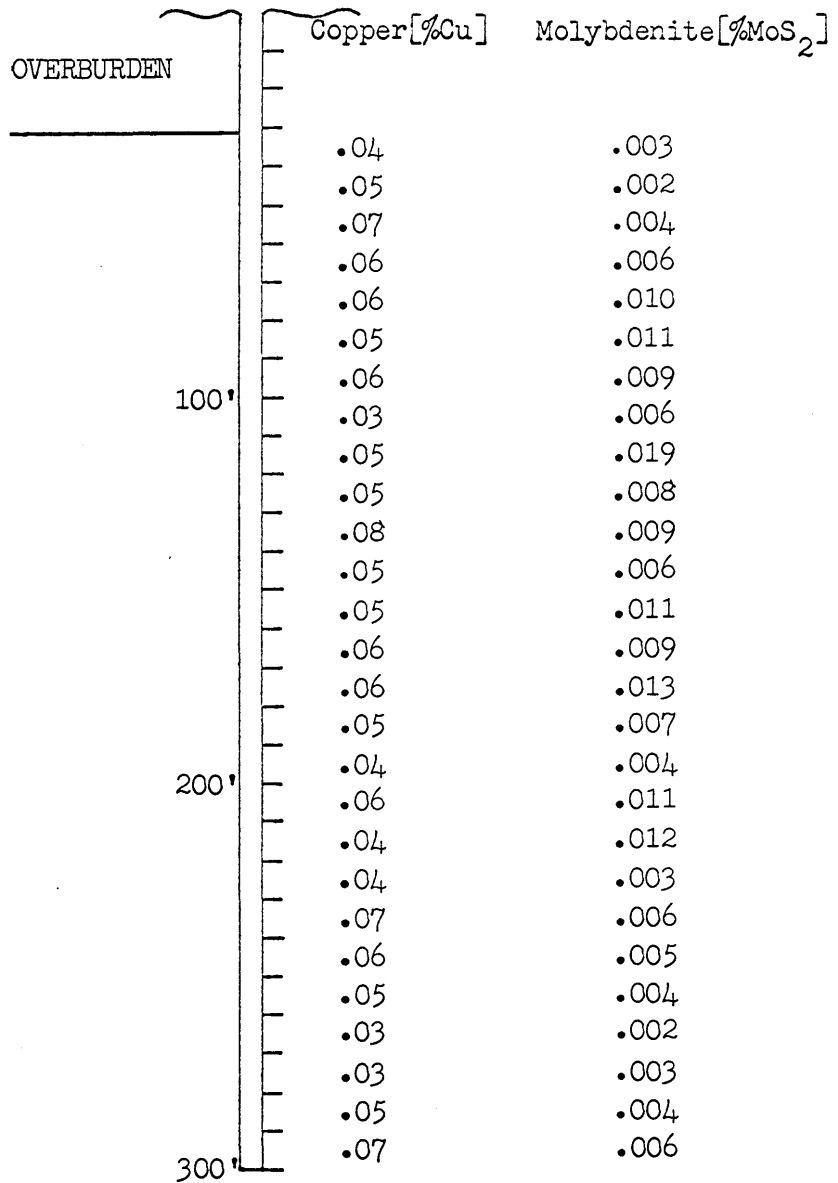
Fig.6 Scale: 1 inch = 50 feet

core size	azimuth	inclination 00°
location	date started Apr. 6, 1974	date completed Apr. 6, 1974
recovery	logged by J.D.B.	drift. by J.D.B.

To Accompany:

DUNGATE CREEK DRILLING REPORT





CANADIAN SUPERIOR EXPLORATION LTD.

PERCUSSION HOLE

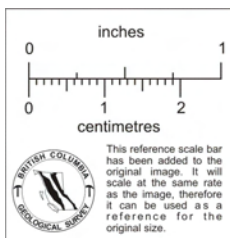
P.D.H. 74 - 4

Fig.7 Scale: 1 inch = 50 feet

core size	azimuth	inclination 90°
location	date started Apr. 1, 1974	date completed Apr. 2, 1974
recovery	logged by J.D.B.	drift. by J.D.B.

To Accompany:

DUNGATE CREEK DRILLING REPORT



OVERBURDEN	Copper [%Cu]	Molybdenite [%MoS ₂]
	.04	.005
	.02	.004
	.04	.004
	.05	.005
	.05	.007
	.03	.006
	.05	.010
	.05	.005
100'	.05	.005
	.06	.005
	.06	.005
	.05	.009
	.04	.006
	.03	.007
	.03	.006
	.10	.005
	.09	.006
	.08	.009
200'	.08	.007
	.11	.014
	.13	.009
	.13	.007
	.09	.004
	.08	.011
	.10	.021
	.07	.012
	.10	.010
	.14	.012
300'	.09	.011

CANADIAN SUPERIOR EXPLORATION LTD.

PERCUSSION HOLE

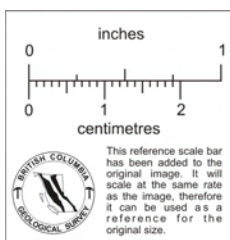
P.D.H. 74 - 5

Fig. 8 Scale: 1 inch = 50 feet

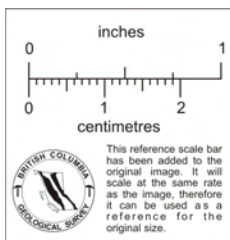
core size	azimuth	inclination 90
location	date started Apr. 5, 1974	date com. ptd. Apr. 6, 1974
recovery	logged by J. D. B.	drit. by J. D. B.

To Accompany:

DUNGATE CREEK DRILLING REPORT



OVERBURDEN	Copper [%Cu]	Molybdenite [%MoS ₂]
	.05	.004
	.06	.010
	.08	.017
	.07	.018
	.03	.005
	.04	.008
	.02	.013
	.09	.024
100'	.07	.008
	.06	.009
	.04	.010
	.06	.009
	.06	.012
	.05	.025
	.04	.015
	.05	.018
	.08	.031
	.09	.028
200'	.10	.020
	.05	.013
	.04	.018
	.05	.012
	.06	.016
	.04	.009
	.06	.011
	.05	.007
	.08	.010
	.04	.005
300'	.11	.009



CANADIAN SUPERIOR EXPLORATION LTD.		
PERCUSSION HOLE P.D.H. 74 - 6		
Fig.9	Scale: 1 inch = 50 feet	
core size	azimuth	inclination
location	date started	date completed
recovery	logged by	drift. by
	J.D.B.	J.D.B.
To Accompany:		
DUNGATE CREEK DRILLING REPORT		