

MAP No.

105-K-5

ASSESSMENT REPORT
N. M. C. A. P.
CONFIDENTIAL
OPEN FILE

X
X

TYPE OF
WORK: DDH

REPORT FILED UNDER	Lion Mines Ltd.	DOCUMENT NO. 061385
DATE PERFORMED	June 1 - July 31, 1975	DATE FILED: March 25, 1976
LOCATION - LAT.	62°25'N	AREA: Faro, Yukon.
LONG.	133°35'W	
CLAIM NO.	JOE 1-8 Y 12351-58	
VALUE \$19,468.07		
WORK DONE BY	E.O. Chisholm, Nevin Sadlier-Brown Goodbrandt Ltd.	
WORK DONE FOR	Lion Mines Ltd.	
REMARKS	One drill hole, 322 feet deep intersected biotite calc-schist containing 2-5% fine disseminated pyrrhotite. The DDH location is shown on a residual gravity map which also shows areas of low resistivity. No economic mineralization encountered.	

Lion Mines Ltd.

JOE 1-8 Y12351-58

62° 25' N
133° 35' W 105-K-5

DDH Log

by E.O. Chisholm,
Lion Mines Ltd.

geology by
Nevin Sadlier-Brown
Goodbrandt Ltd.

Cost of project \$20,053.07

N.M.E.A.P. Report
Received March 25, 1976.

Lion Mines Ltd. (N.P.L.)

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March 22, 1976

W. G. Cleghorn, Chief
Northern Roads and Airstrips Division
Northern Policy and Program Planning Branch
Indian and Northern Affairs
Ottawa, Ontario
K1A 0H4

PA
N1790-5-325
RCA

Dear Mr. Cleghorn,

Re Your File N 1790-5-325 - Your letter March 1, 1976

Lion Mines Ltd. (N.P.L.) has now completed its Yukon program at a total cost as follows:

Drilling contract General Drilling Ltd.	17,254.76
Geological work Nevin Sadlier-Brown Goodbrandt Ltd.	1,080.98
Travel Transwest Helicopters (1965) Ltd.	128.00
Supervision E.O. Chisholm - Disbursements only	589.33
	<u>\$ 20,053.07</u>

Assistance of 40% of \$19,000.00 is hereby requested.

As requested material listed under Section 7 of the Regulations is as follows:

- (a) The property comprises the Joe 1-8 mining claims, grant numbers Y12351 to 58 located in the Rose Creek area White Horse mining Division, Yukon Territory; latitude 62° 25'N, longitude 133° 35'W.
- (b) The exploratory work consisted of;
 - i) diamond drilling of one vertical hole to a depth of 322 feet;
 - ii) geological reconnaissance; and
 - iii) tagging of claim group.

continued....

Lion Mines Ltd. (N.P.L.)

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(c) See first paragraph page 1.

(d) A log of the hole drilled follows:


i) Description	Hole #45-1
ii) Location	Survey grid line 308
iii) Station	19±50 South
iv) Inclination	Vertical
v) Core Size	BQ Wireline
vi) Footage:	
0 - 10	Overburden sand and clay
10 - 322	Biotite calc-schist, massive, light grey to medium green fine grain; cut by numerous quartz fractures, mineralization 2-5% fine disseminated pyrrhotite with some sparse calc pyrrhotite less .5% overall, some shearing with associated chlorites at 30' to core. No economic mineralization encountered.

The attached print (4 copies) of hole location with respect to gravometric and induced polarization anomalies obtained by previous owners and which were investigated by the present work.

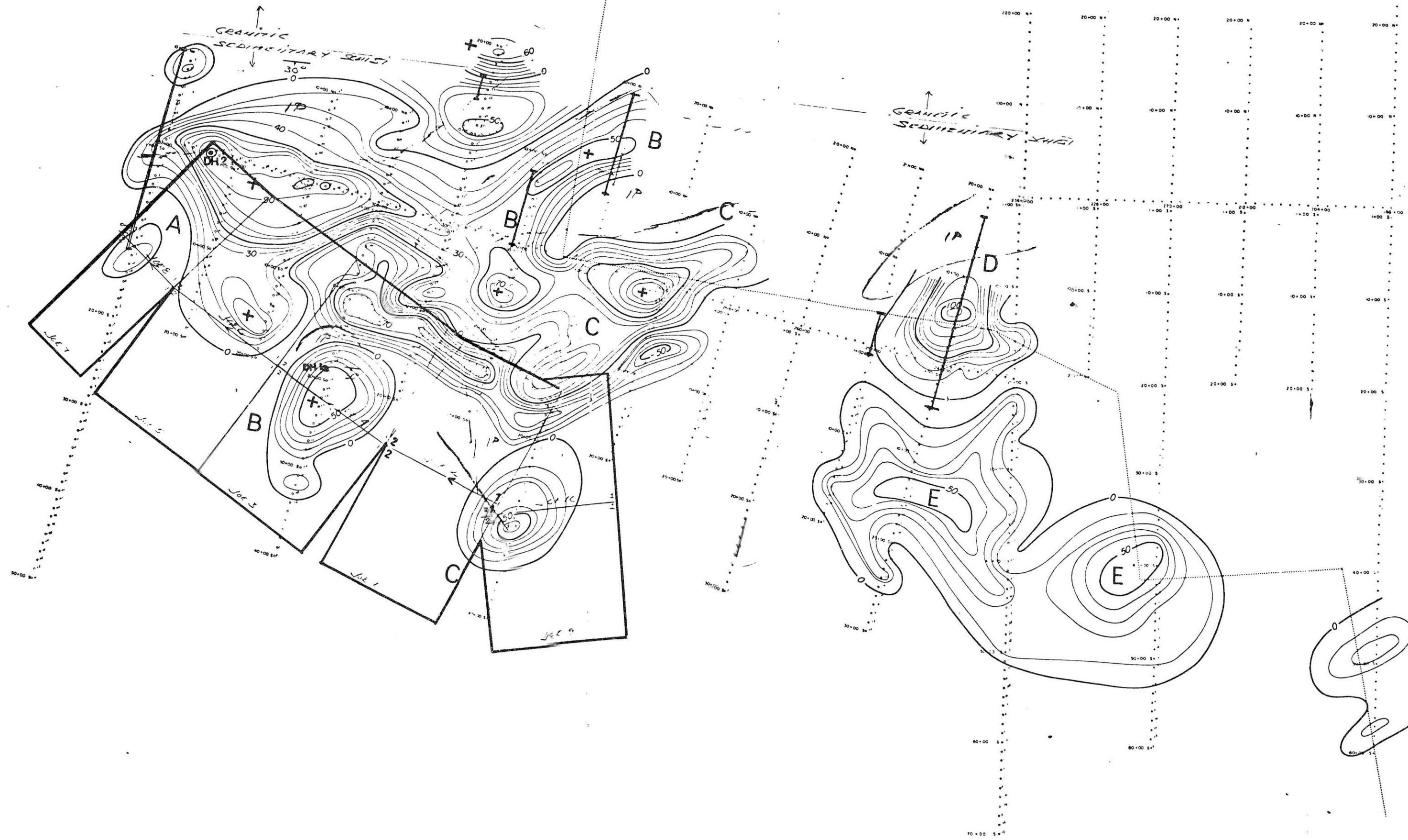
I am advising Dr. D. Craig, your resident geologist, in the Whitehorse Yukon Territory regarding his inspection and am enclosing a copy of this letter.

Yours very truly,

LION MINES LTD. (N.P.L.)



E. O. Chisholm, M.A. P. Eng.
President
EOC:baw
Encl.
cc Dr. D. Craig




OVERLAND
 EXPLORATION SERVICES LTD.

HECLA MINING COMPANY OF CANADA LTD.

ROSE CREEK AREA
 JOE CLAIMS
RESIDUAL GRAVITY MAP
 HIGH MEAN FACTOR
 LOW RESISTIVITY