

# 5373

PROSPECTORS REPORT

ON THE

FL MINERAL CLAIMS

NEAR

MERRITT, B. C.

by

GEORGE F. GRESSY

PROSPECTOR

FEB. 20, 1975.

Department of	
Mines and Petroleum Resources	
ASSESSMENT REPORT	
NO. 5373	MAP.....

PROSPECTORS REPORT ON  
FL MINERAL CLAIMS  
Near HERRITT, B.C.

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PLP

#1 Claim

79. Grid

Prospectors Report  
On FL Claims Group  
Adjoining Craigmont Mines

By  
George F. Cressy  
Feb. 20, 1975.

INTRODUCTION

This report is tendered to suggest a preliminary exploration program on the group of 8 claims and 2 fractions in the FL group. This group is located adjoining Craigmont Mines, 2000' East of the Craigmont Mines 2600' portal.

Access is via Merritt-Spences Bridge highway to the settlement of Lower Nicola, approximately 6 miles, then North on the Craigmont-Aberdeen Road, approximately 4 miles. The total distance being approximately 10 miles from Merritt.

GEOLOGICAL SETTING

The FL claim group adjoins Craigmont Mines, a high grade copper and iron mine on the south end of the Guichon Batholith. The Guichon Batholith is the site of intensive mining (Bethlehem Copper, Lornex, Valley Copper, Highmont, etc.) and exploration.

Prospecting of the FL group has shown less than 10% outcrop of the Nicola Series with minor pyrite mineralization with the balance of the ground being covered with gravel overburden believed to be 200' to 400' in depth. These depths are given due to the originally drilling of Craigmont Mines and drill results of March, April and May of 1974. Done by Craigmont on adjoining claims within 400' to 1000' of the FL group with outburden being up to 400' in depth. In the eight or ten holes drilled, good mineralization was found but assay results are not available.

CONCLUSIONS AND RECOMMENDATIONS

This claim group covers a portion of the Guichon Batholith which is in a formation known to carry good copper and iron mineralization. Only prospecting and a partial grid of 7 miles at 100' intervals has been conducted.

A more intensive program is called for which can be carried out in stages.

Stage one: being completion of the grid.

Stage two: a magnetometer survey.

Stage three: an electromagnetic survey.

Stage four: geologists report on the surveys above.

Stage five: diamond drilling if recommended by geologist report.

The magnetometer survey and electromagnetic survey are recommended due to the fact that the adjoining Craigmont mine deposits were originally discovered by similar surveys.

<u>Stage 1</u> - Line cutting 8 miles @ \$150.00 per mile	\$ 1200.00
Magnetic Survey 16 miles @ \$100.00 per mile	\$ 1600.00
Electromagnetic Survey 16 miles @ \$100.00 per mile	\$ 1600.00
Geologist and Engineer Report -	\$ 600.00
	<u>\$ 5000.00</u>

Stage 2 Diamond Drilling if recommended by Geologists Report.

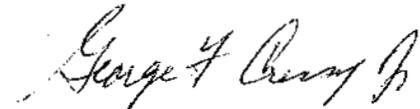
PROSPECTING COST

1. 9 days - wages \$40.00 per day	\$ 360.00
2. 9 days 4 x 4 rental @ \$30.00 per day	\$ 270.00
3. Gas, oil and flagging, and other expenses	<u>\$ 60.00</u>
	<u>\$ 690.00</u>

QUALIFICATIONS

I have passed the prescribed prospectors exam in September, 1974, written in Merritt Court House, under the supervision of Mr. P. Lean, Merritt Gold Commissioner, and checked by the Prospector's Assistance Act in Victoria. I have been found deserving of a grant for my proposed project by this department.

Respectfully submitted,



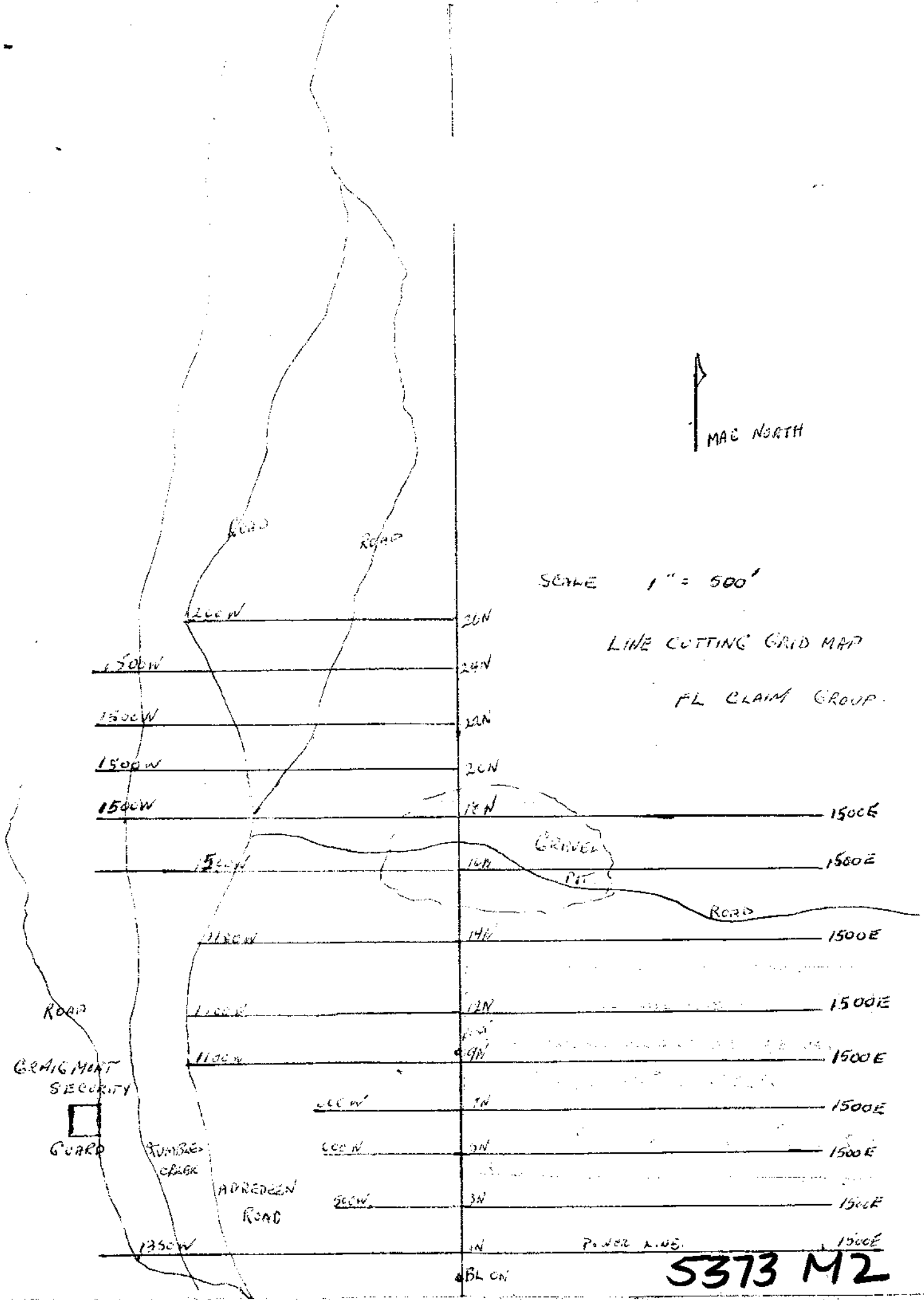
George F. Cressy, Jr.,  
Prospector.



SCALE 1" = 500'

LINE CUTTING GRID MAP

FL CLAIM GROUP



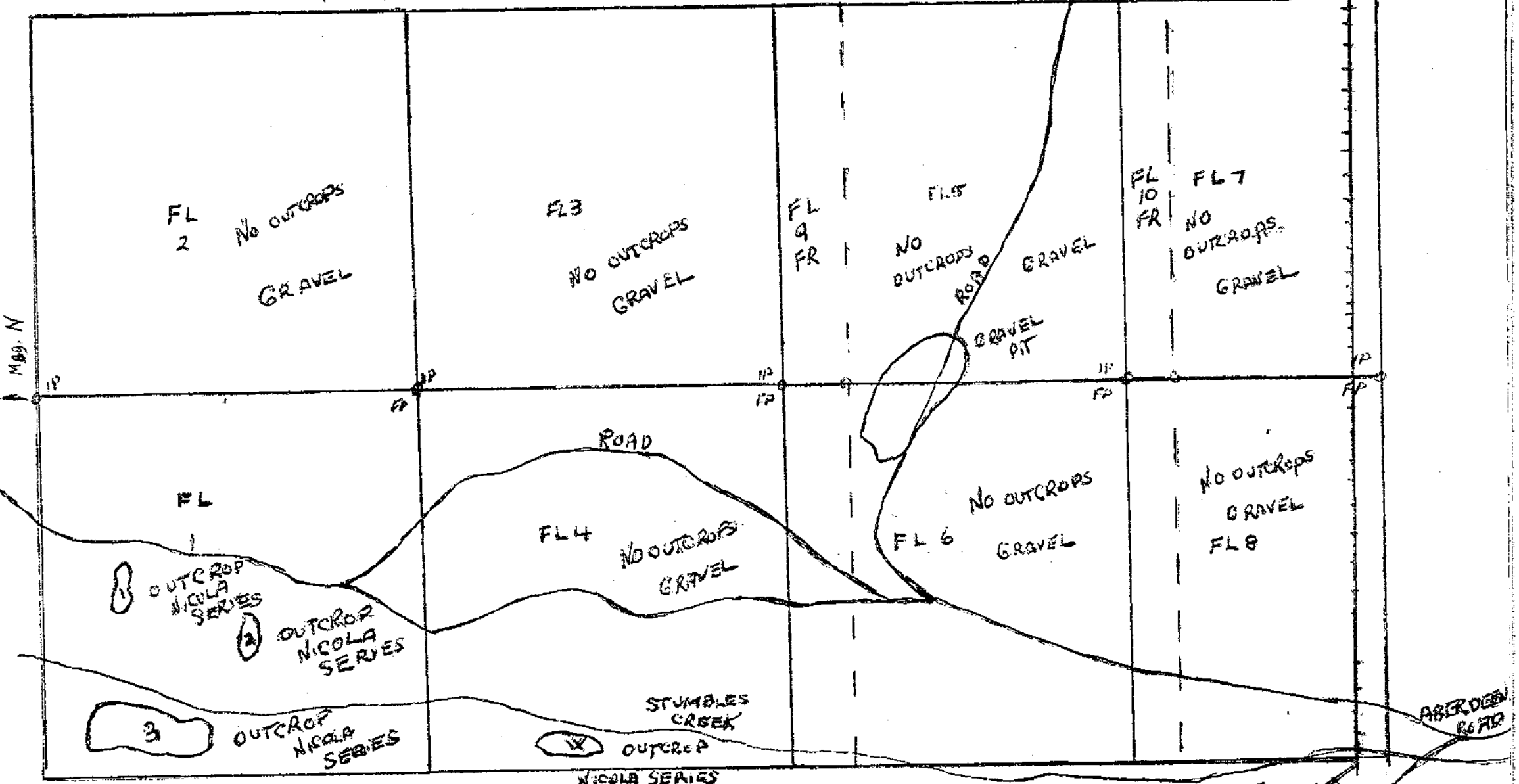
5373 M2



SCALE 1" = 100'

MAG EAST

HYDRO LINE



MAG N

FL 2  
No outcrops  
GRAVEL

FL 3  
No outcrops  
GRAVEL

FL 9  
FR

FL 5  
No outcrops  
ROAD  
GRAVEL  
GRAVEL PIT

FL 10  
FR  
FL 7  
No outcrops  
GRAVEL

FL 1

1  
OUTCROP  
NICOLA  
SERIES

2  
OUTCROP  
NICOLA  
SERIES

FL 4  
No outcrops  
GRAVEL

FL 6  
No outcrops  
GRAVEL

No outcrops  
GRAVEL  
FL 8

3  
OUTCROP  
NICOLA  
SERIES

4  
OUTCROP  
NICOLA  
SERIES  
STUMBLES  
CREEK

ABERDEEN  
ROAD

DPH  
GRAIMONT  
DPH  
GRAIMONT

5373  
MAP 1

GRAIMONT  
PARKING

SECURITY GUARD

GRAIMONT  
MILL & CONCENTRATOR