

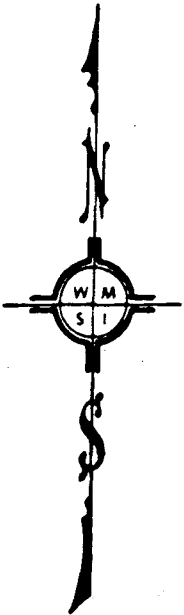
WHITING MINING SERVICES INTERNATIONAL LTD.

1035 GREENWOOD PLACE, WEST VANCOUVER, B.C. CANADA

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OFFICE: 922 - 6717.



PROSPECTING REPORT

Mandon M.C. , L.4273; Record # 1933 (8).

Omineca M.D.

NTS Coords: N 6115000 , E 584000. Map 93 M / 4E

Lat.: N 55° 11' , W 127° 41' Long.

Owners: Cobre Exploration Ltd. as to 70 %

Francis B. Whiting as to 30 %.

Operator : Cobre Exploration Ltd.

Consultant: Whiting Mining Services International Ltd.

Author : F.B. Whiting, Ph.D., P.Eng.

Date Submitted: August 29 , 1980.

MINERAL RESOURCES BRANCH
ASSESSMENT REPORT

NO.

8323
part 2
of 2

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A. INTRODUCTIONLOCATION :

The Mandon M.C. is situated 6500 metres south-southwest of the community of South Hazelton, B.C., in the Omineca M.D. The claim lies 2000 m east of Highway # 16, on the western slopes of the Rocher Deboule Range, at an elevation of 500 - 800 m above sea level. It is reached by a branch road that takes off from Comeau Road, which joins Highway # 16 about 2800 m south of Seeley Lake Park.

HISTORY OF THE PROPERTY :

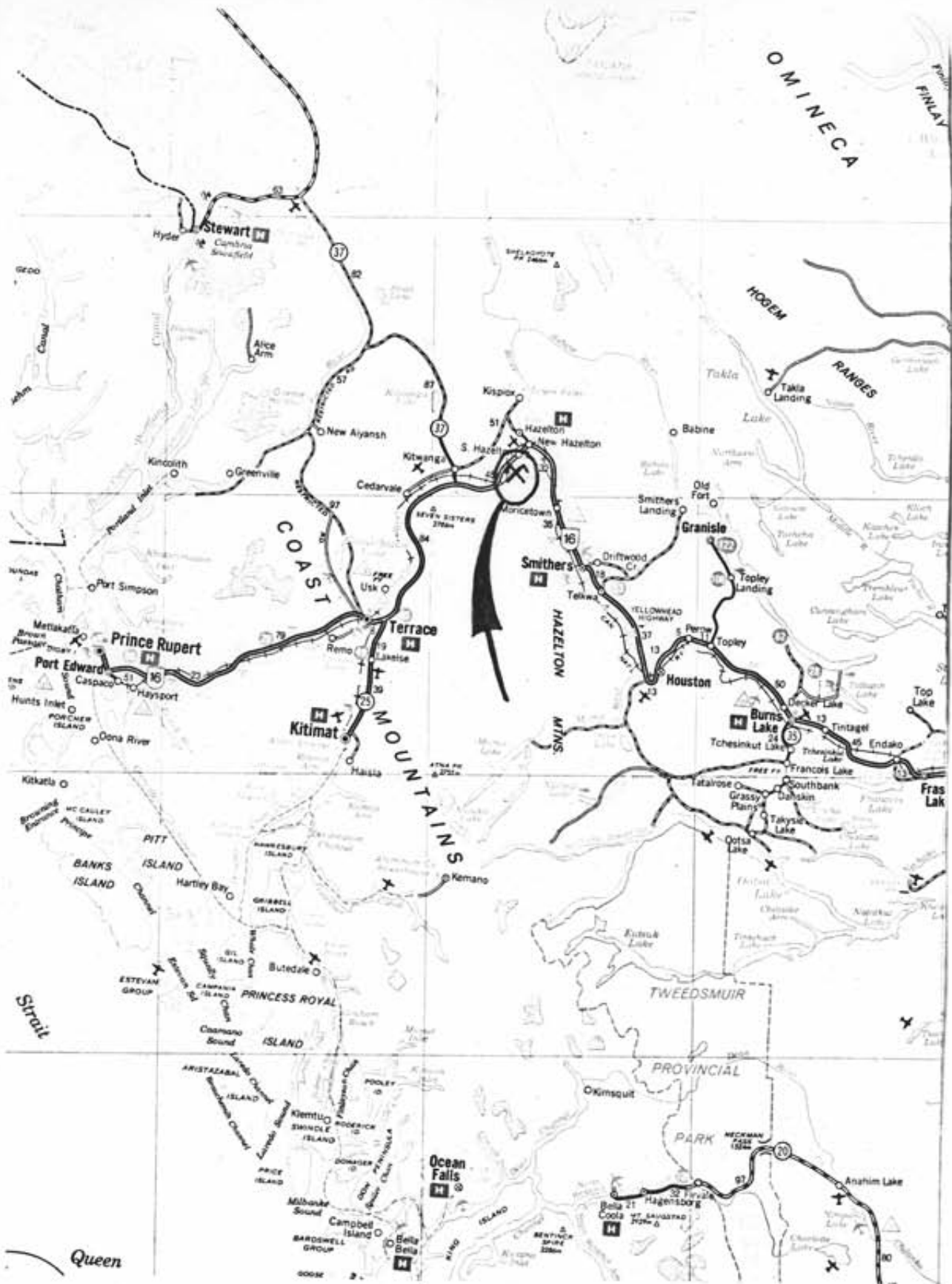
The Mandon M.C. was Crown-granted to H.C. Wrinch in 1923. Exploration of the claim appears to have been carried on in the period 1915-1917, when work was done at the nearby Golden Wonder M.C. The claim later reverted to the Crown, and was acquired in 1979 by F.B. Whiting. A 70 % interest in the claim was assigned to Cobre Exploration Ltd.

The claim covers part of an extensive area of " porphyry-type " alteration, fracturing, and pyritization which carries small amounts of disseminated silver, and in places, veins with considerable copper and silver. Some 1000 m west of the Mandon claim are veins containing gold, silver, copper, and cobalt, and it is possible that such veins continue into the Mandon M.C.

The economic potential of the claim lies in the possibility of exploitable amounts of low-grade gold/silver occurring at some point within the large altered area, or of finding a worthwhile vein with copper, gold, silver, cobalt, and wolfram.

WORK DONE :

Work done prior to July 31, 1980 by the present owners consisted of field prospecting (1 day), and considerable office research, compilation of technical reports by former operators, study of air photos, and review of results of geophysical studies and drilling results on adjoining ground. Area prospected : 5 hectareas.



NTS SHEET 93M/4E

FIG. 1
LOCATION MAP

SCALE IN MILES AND KILOMETRES
ONE INCH EQUALS APPROXIMATELY 30 MILES
MILES 0 5 10 20 30 40
KILOMETRES 0 5 10 20 30 40 50 60
ONE CENTIMETRE EQUALS APPROXIMATELY 24 KILOMETRES

127° 45'
55° 15'

TO

M93M/4E

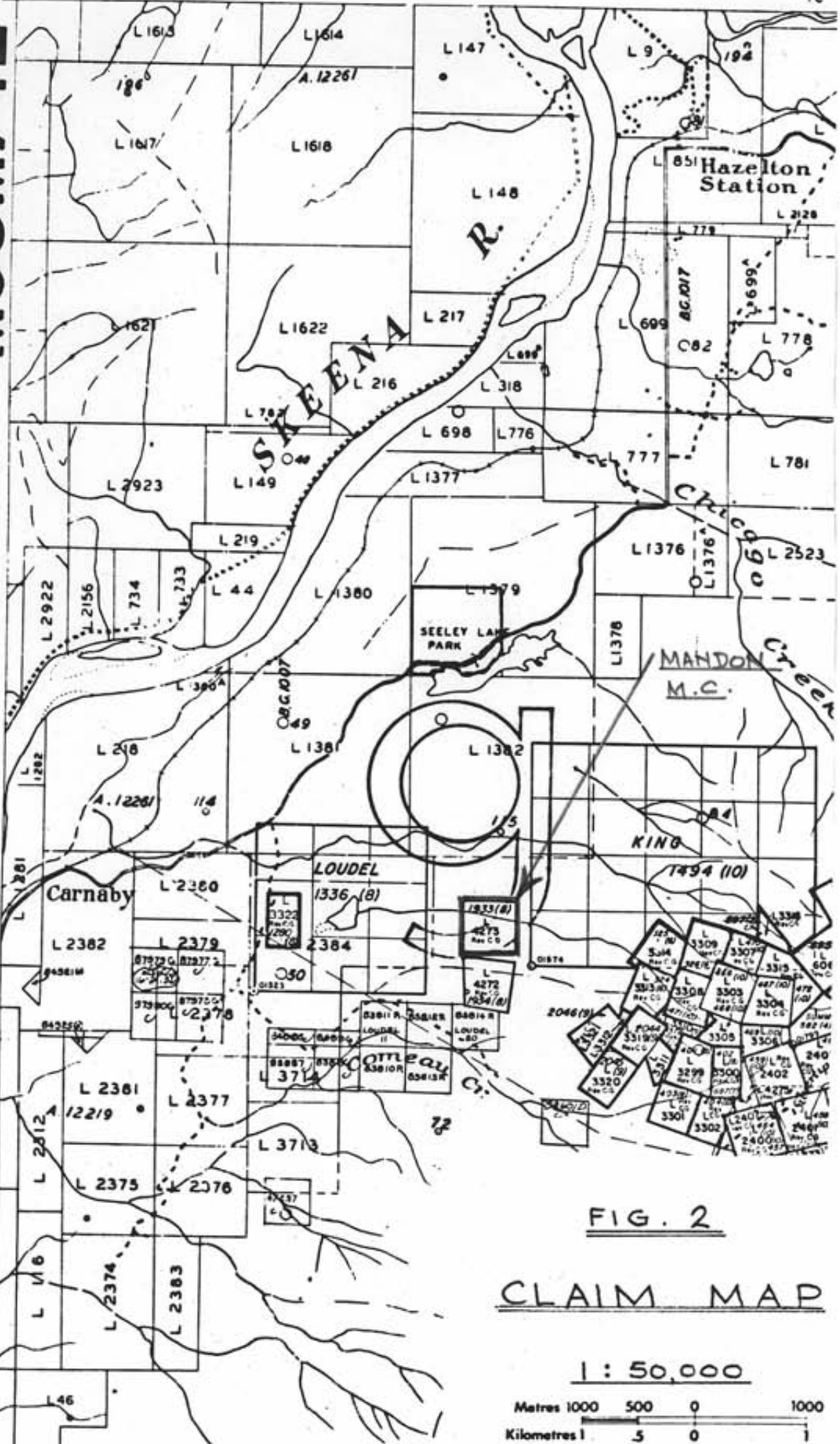
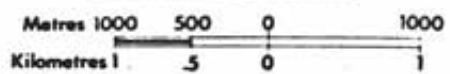


FIG. 2

CLAIM MAP

1 : 50,000



1/4 W

052

B. TECHNICAL DATA & INTERPRETATION

Regional Geology:

Figure 3 shows the regional Geology, as given in the G.S.C. map 971 A " Smithers - Fort St. James " . Figure 4 gives the legend for that map. The claim is shown as underlain by the Hazelton Group, of mixed sediments and volcanic rocks, of Jurassic and possibly Cretaceous age.

Figure 5 shows the local geology in more detail, with the Mandon claim covering a sector of the Brian Boru Formation, mainly andesite flows, dipping east at 20 - 45°. This unit is bordered on the west by argillites and greywackes of the Red Rose Formation. Both units are subdivisions of the Hazelton Group. The northeast corner of the Mandon M.C. is crossed by a north-northwest-striking regional fault, the Cap Fault, east of which occurs a highly hornfelsed variety of the Hazelton Red Rose argillites.

Local Geology :

A Detail Plan is provided as Figure 6, showing the information obtained by the prospecting work. Most of the claim is covered by heavy timber , dense brush, and continuous overburden. The bedrock is obscured by a cover of boulders or outwash that has come down the steep slopes from the rugged Rocher Deboule Range immediately to the east. Those boulders are of quartz monzonite and granodiorite, or of hornfels from the metamorphosed zone around the Rocher Deboule intrusions.

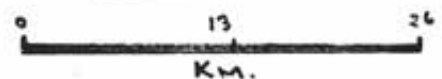
Work Done :

The one day of prospecting was spent in searching for outcrops in the northwestern quarter of the claim, where a Induced Polarization survey done in 1971 on ground just to the north had found a strong conductor. No bedrock outcrops



FIG. 3
REGIONAL GEOLOGY

1: 506,880



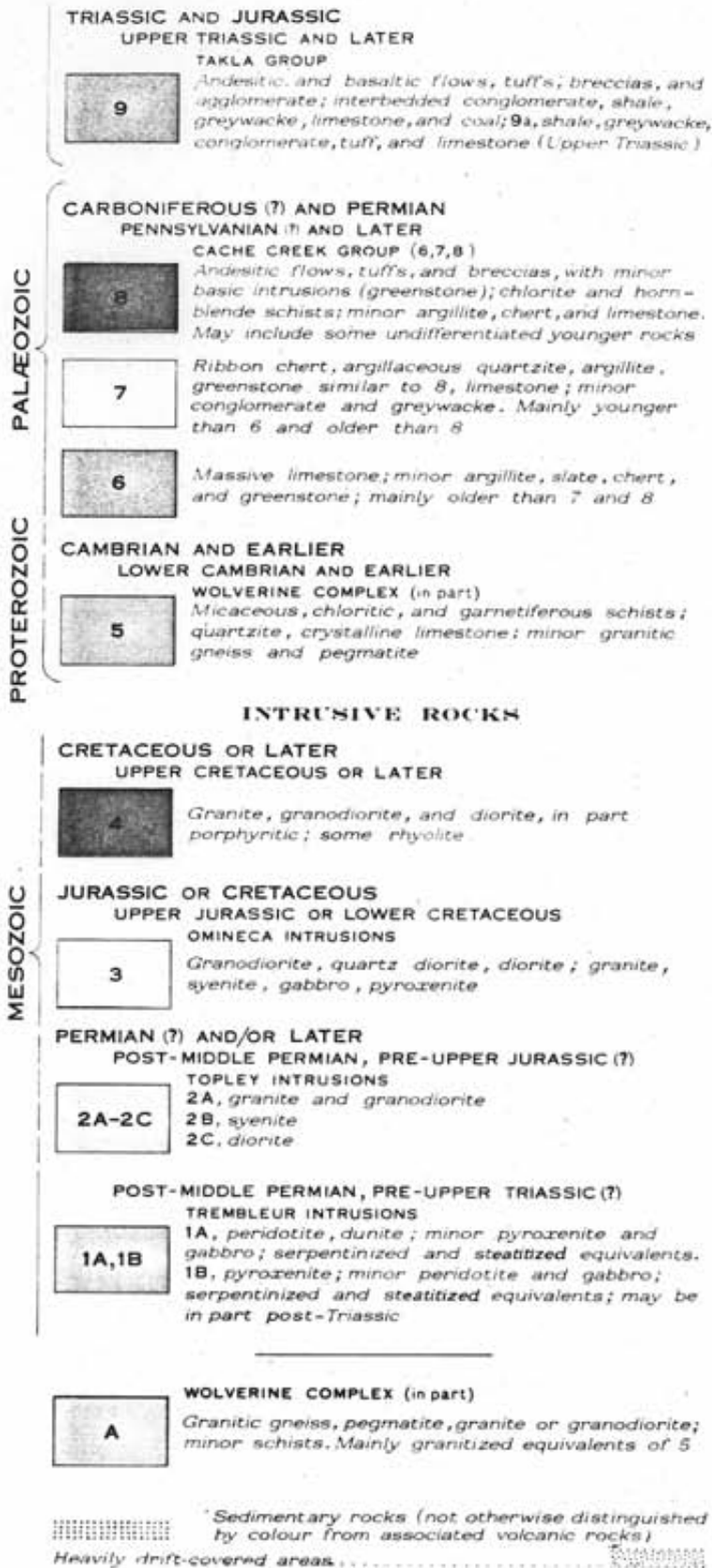
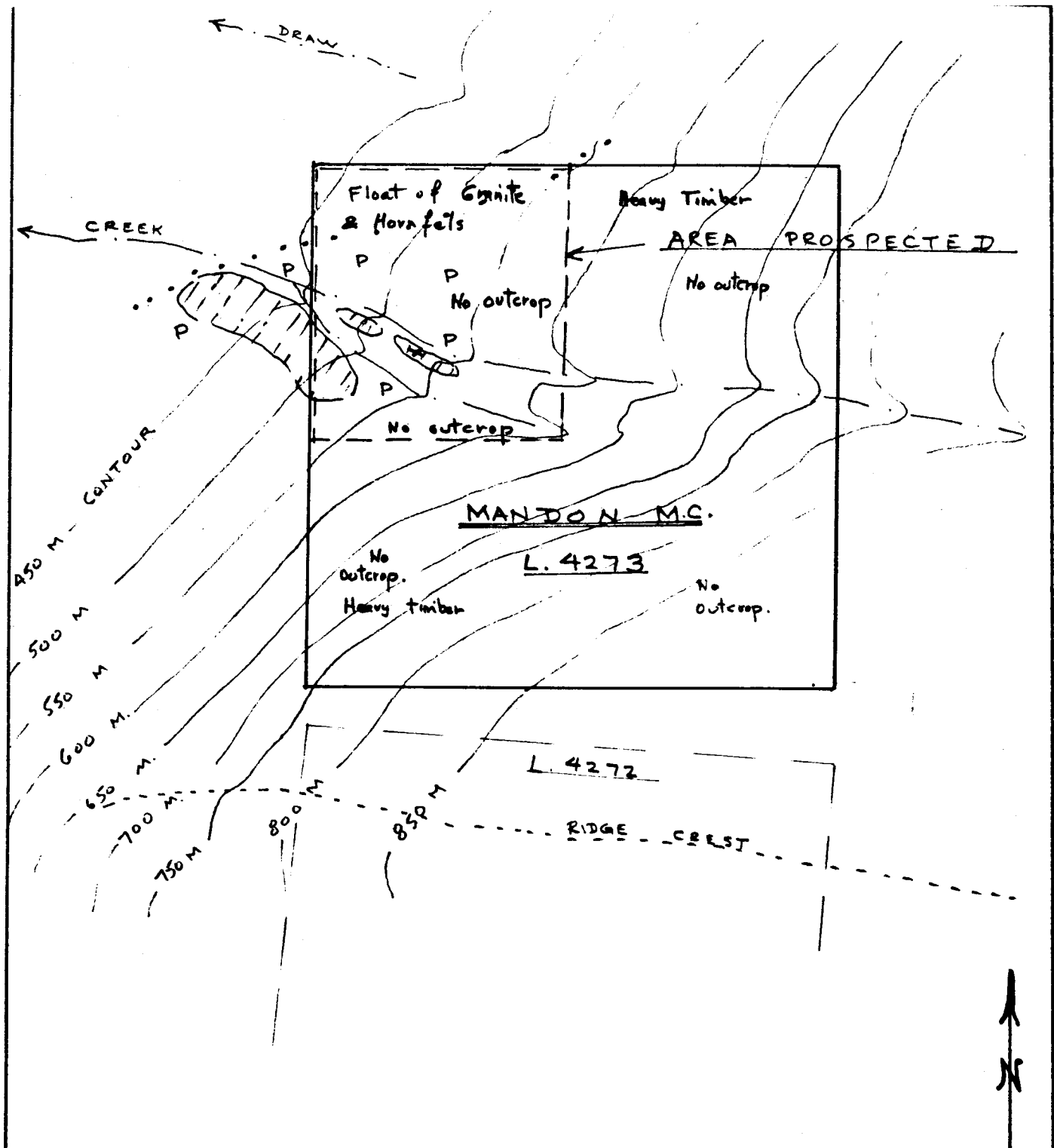


FIG. 4

LEGEND



LEGEND

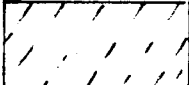
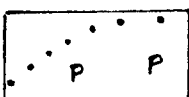
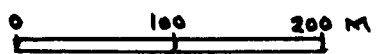
- 
BRIAN BORU FORMATION :
ANDESITE FLOWS .
- 
PYRITIC ALTERATION ZONE

FIG. 6

DETAIL PLAN



July 7 / 00 *[Signature]*



were found in the northern part of the sector prospected, nor were any signs of mineralization found in any of the boulders broken into, all of which, as reported above, appear to have originated in the high mountains to the east.

Outcrops were found in the southern part of the area prospected, on a low ridge between two creeks. The rocks there consist of heavily-pyritized and fractured porphyritic andesite. No signs of copper were visible.

Interpretation:

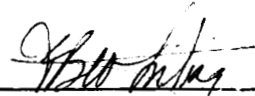
Discovery of the outcrops of altered and pyritized andesite at the locality described above shows that the southern two-thirds, at least, of the Mandon claim is underlain by the same strongly-altered zone that exists on the next ridge to the south (Huckleberry M.C. and the old Cap or Comeau showings).

As there were no signs of copper or molybdenum at the outcrops examined, that part of the claim seems to have little mineralization of value. However, there are veins a few hundreds of metres to the south, which carry copper and silver, and to the west there are veins with copper, gold, silver, cobalt, and wolfram. A strong conductor was located a short distance north of the northern boundary of the claim, which will be tested by trenching and/or drilling, and this conductive body could dip south towards the claim, possibly entering it at depth.

C. ITEMIZED COST STATEMENT

<u>Item</u>	<u>Days Worked</u>	<u>Costs</u>	<u>Total</u>
F.B. Whiting, geologist	July 20, 1980	\$ 150.00	\$ 150.00
Alan Danbert, field ass't.	" " "	9 hrs @ \$ 8.00	72.00
Meals & Accomodation	2 pers., 1 day @\$30/pers/day		60.00
Vehicle use	July 20/80	70 km @ \$0.20	14.00
Report preparation binders, Xeroxing			54.00
Total.....			\$ 350.00

Respectfully submitted,



 F.B. Whiting, P.Eng.
 Whiting Mining Services
 International Ltd.

Report Prepared: July 30, '80

Report Submitted: Aug.29, '80

D. STATEMENT OF QUALIFICATIONS

Name : Francis B. Whiting

Profession : Geological Engineer

Education: Bachelor of Applied Science, U.B.C., 1946.

Master of Science in Geology, McGill University
1948.

Doctor of Philosophy in Geology and Economics,
Mass. Institute of Technology, 1951.

Professional Associations:

Assoc. of Prof. Engineers of British Columbia.

Assoc. of Professional Engineers of the Yukon.

Member, Society of Economic Geologists.

Experience:

1944 - 48 : Summer work in Canada for G.S.C., International Mining Corp., Placer Development, New Jersey Zinc Exploration, Hedley Mascot Gold Mines.

1951 - 1968 : Employed by St. Joseph Lead Co as mine geologist in Southeast Missouri, Chief Geologist at Aguilar Mine in Argentina, Exploration Manager in Argentina.

1968 - 1973 : Exploration Manager for Canada for W.R. Grace & Co.

1973- 1976 : Regional Manager for Western North America for Brascan Resources Limited.

1976 - present: President, Whiting Mining Services International Ltd; geological consultant; independent prospector.