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A
DISCUSSION
OF
THE EXPLORATION POTENTIAL
OF
BETTER RESOURCES LIMITED
KEY CLAIM GROUP

NICOLA MINING DIVISION

N.T.S. SHEET 921/2

LAT. $50^{\circ}13'N$ LONG. $121^{\circ}00'W$

PREPARED BY

James F. Bristow, P. Eng.

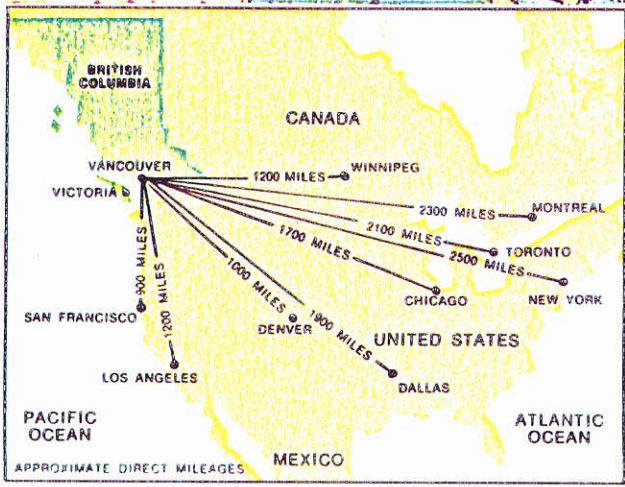
MARCH 1982

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BETTER RESOURCES LIMITED

INDEX MAP

Fig. No 1

SUMMARY

The Key Claim Group, consisting of six (6) claims is in the Merritt area, just 2.5 to 5 km. west of the famous Craigmont copper mine.

The Key Claims are in the same geological environment as Craigmont and were assembled by senior geologists with a long and intimate experience with Craigmont geology.

Three (3) locations on the Key Claims have been identified as potential target areas for blind orebodies of the Craigmont type. All merit diamond drilling and a program of 15 drill holes totalling 4200 meters is recommended.

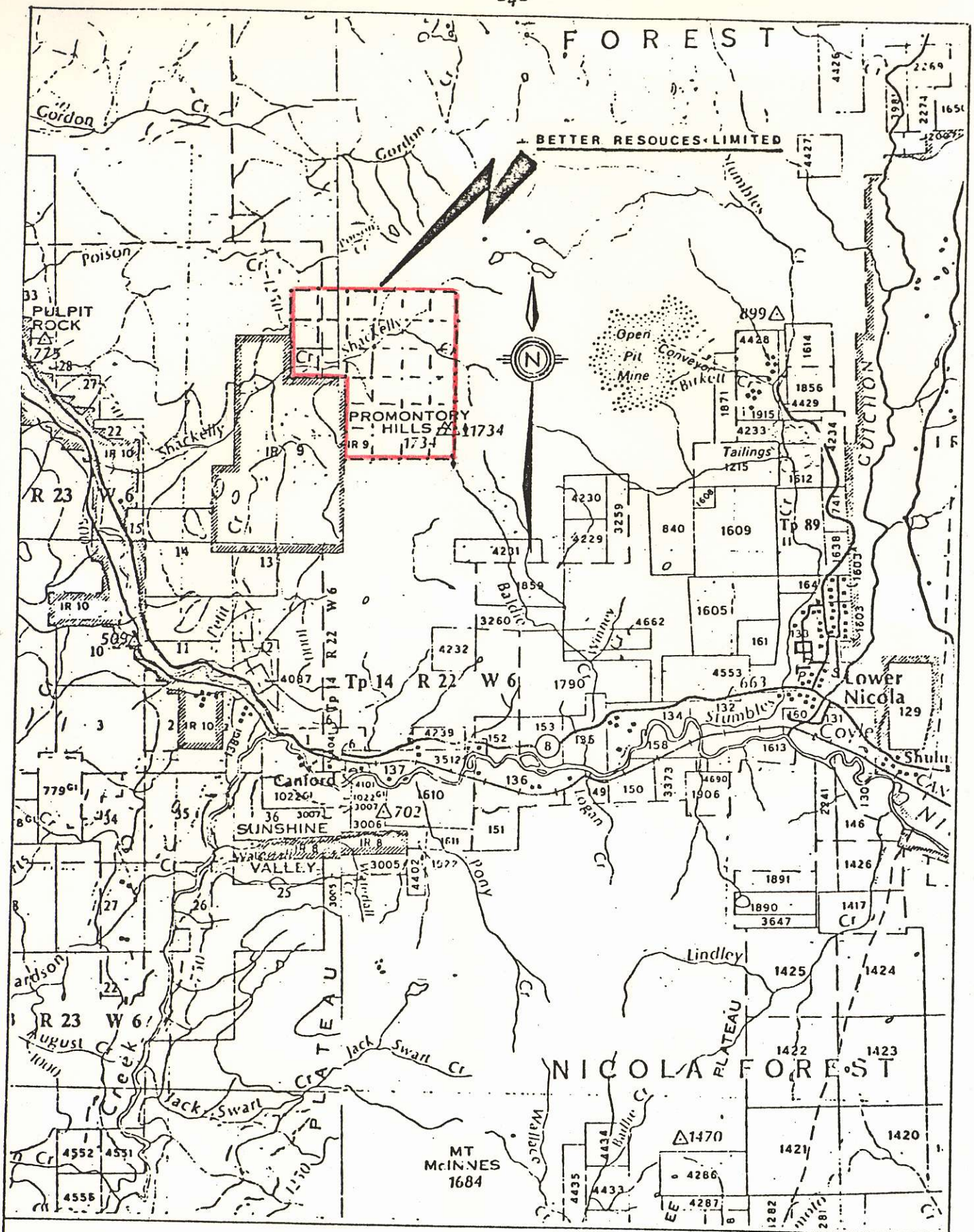
INTRODUCTION

The Key Claim Group was acquired by Better Resources Limited because of its location and geological setting with respect to the Craigmont Copper Mine.

The claims are "on strike" 2½ to 5 kilometers west from the Craigmont orebodies and cover the contact between the Guichon batholith and the limestone beds that hosted these orebodies.

Since 1961 the Craigmont Mine has produced more than 870,000,000 pounds of copper. This ore was produced from a magnetite/specularite skarn assemblage that graded up dip into recrystallized limestone. Several of the orebodies at Craigmont were "blind" located 250 meters or more below the surface. It is postulated that similar blind orebodies may occur on the Key Claim Group.

The data contained in this report is a compilation of numerous reports and maps assembled by the principals of Better Resources Limited. The author's familiarity with the local geology was acquired in part during 11 years of employment as Geologist and Chief Geologist at Craigmont Mines Limited.



BETTER RESOURCES LIMITED

AREA MAP

SCALE 1:100,000 J.F.B. MARCH 1982

Fig. No2

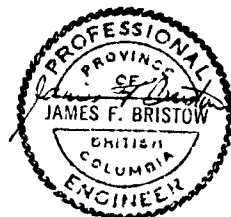
James F. Bristow P. Eng.

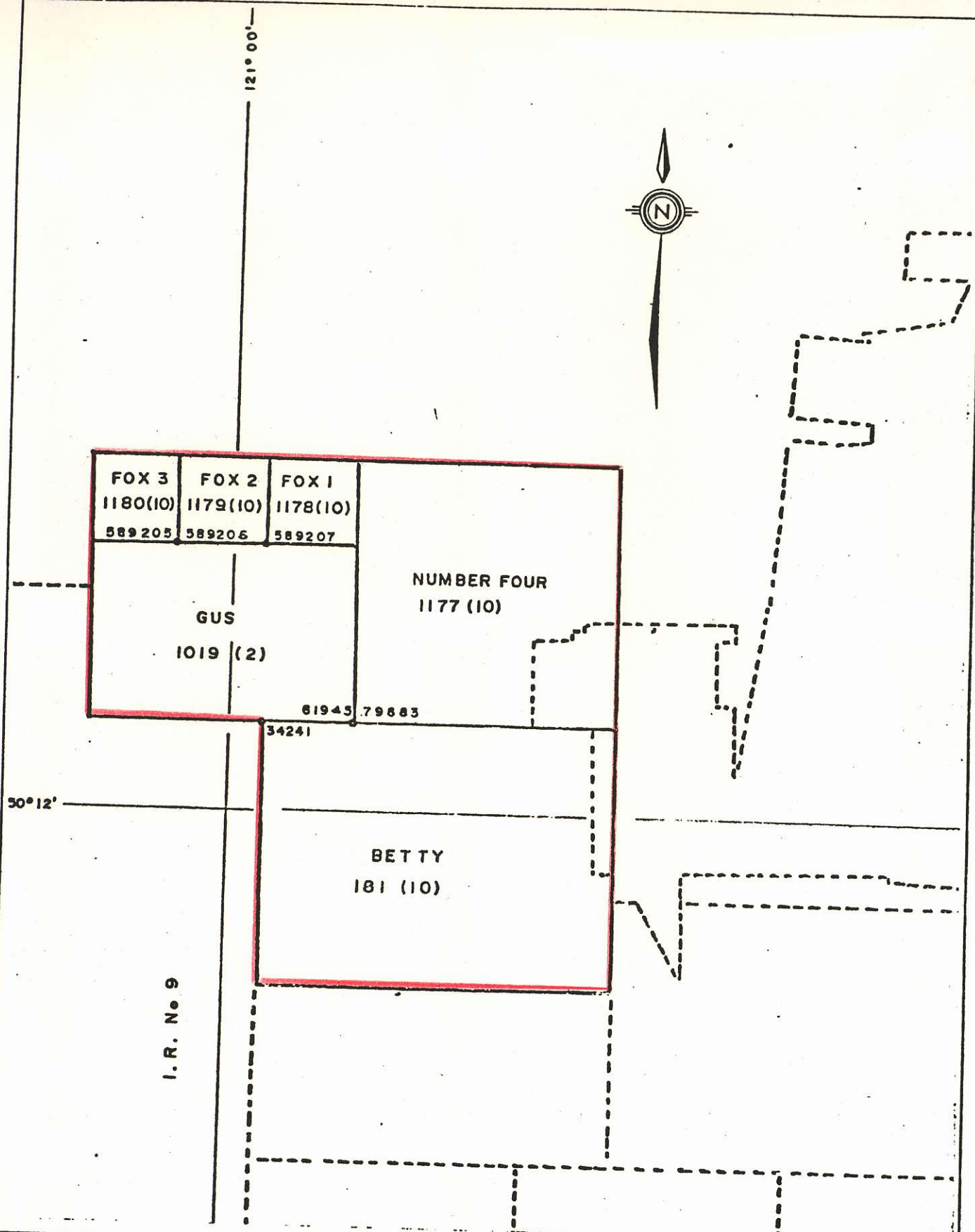
PROPERTY STATUS

The Key Group is owned by Better Resources Limited of Vancouver, B.C. and consists of the following contiguous claims (Figure No. 3);

<u>Claim Name</u>	<u>Units</u>	<u>Record Date</u>	<u>Record No.</u>	<u>Valid to</u>
Gus	6	27 Feb. 1981	1019	27 Feb. 1986*
Number Four	9	9 Oct. 1981	1177	9 Oct. 1988*
Fox #1	1	9 Oct. 1981	1178	9 Oct. 1990*
Fox #2	1	9 Oct. 1981	1179	9 Oct. 1991*
Fox #3	1	9 Oct. 1981	1180	9 Oct. 1988*
Betty	12	5 Oct. 1976	181	5 Oct. 1988

Additional assessment work was submitted for most claims in the Key Claim Group at Victoria, B.C. on November 23, 1981 and March 19, 1982. On acceptance the claims will have expiry dates as indicated above.*





BETTER RESOURCES LIMITED
CLAIM MAP

SCALE 1:31,680 J.F.B. MARCH 1982

Fig. No 3

James F. Bristow P. Eng.

HISTORY

The area currently covered by the Gus Number Four and Fox Claims was in part previously held by Torwest Resources (1962) Ltd. (Marb Claims). Early work consisted of geological mapping and widely spaced ground magnetics followed by limited drilling of the magnetic anomalies associated with the basaltic/andesitic volcanic rock units.

The area currently covered by the Betty Claim was originally staked in 1957 by Placer Development Ltd. following the discovery of Craigmont Mines. After extensive magnetometer and I.P. surveys five surface diamond drill holes were completed. Placer relinquished the claims in 1975. Detailed geological mapping and an additional magnetometer survey were completed in 1975 and 1976. The area was restaked as the Betty Claim in 1976 under the modified grid. In 1978 Craigmont Mines Limited optioned the Betty Claim and drilled two surface diamond drill holes totalling 992.7 meters. This option was terminated in May 1981.

In the fall of 1981 under the direction of Better Resources Limited a magnetometer survey and geological mapping program was conducted on the Gus Claim. This work resulted in the discovery of a skarn zone north of Shackelly Creek in an area previously thought to be underlain by Boundary Phase Guichon batholith (Target Area A).

LOCATION AND ACCESS

The Key Group of mineral claims lie between the Forestry Lookout on Promontory Hills and Indian Reserve No. 9. The centre of the claim group is approximately 4 km. west of the Craigmont open pit.

Inter-connecting gravel logging roads provide access to the property from No. 8 highway at Dot (8.5km.) and from Lower Nicola via Promontory Hills Road (18.5 km.). On property access is provided by skid roads, cut lines and cattle trails.

GENERAL FEATURES

Elevations on the property range between 1025 meters and 1700 meters. Local topography is rolling, however, a 50 meter deep channel containing Shackelly Creek cuts southwest through the area. In general, south and west facing slopes are sparsely wooded with ponderosa pine and north facing slopes are heavily wooded with spruce, lodgepole pine and alder.

REGIONAL GEOLOGY

The Promontory Hill area is underlain by a complex suite of westerly trending, steeply dipping upper Triassic Nicola series rocks. The Nicola is composed of predominantly basaltic/andesitic fragmental and volcanic flows, feldspathic greywacke, hornfels, rhyolitic volcanics and several relatively persistent calcareous bands.

The Nicola series lies to the south of and semi-concordant with parts of the multistage upper Triassic Guichon batholith. On Promontory Hill the Nicola series is intruded in both the southeast and southwest by quartz feldspar porphyry.

Cretaceous Kingsvale group agglomerate and flow rocks form a capping of as much as 200+ meters thick over Nicola rocks between Craigmont Mine plant site and Promontory Hill, and also west of the Betty Claim. Heavy overburden in much of the area make locating the boundaries of major rock units very difficult.

It is generally agreed that the orebodies at Craigmont are hosted by limy sedimentary rocks near a volcanic-sedimentary contact lying within the alteration aureole of the Guichon batholith.

GEOLOGY OF TARGET AREAS

(A) DRILL TARGET A

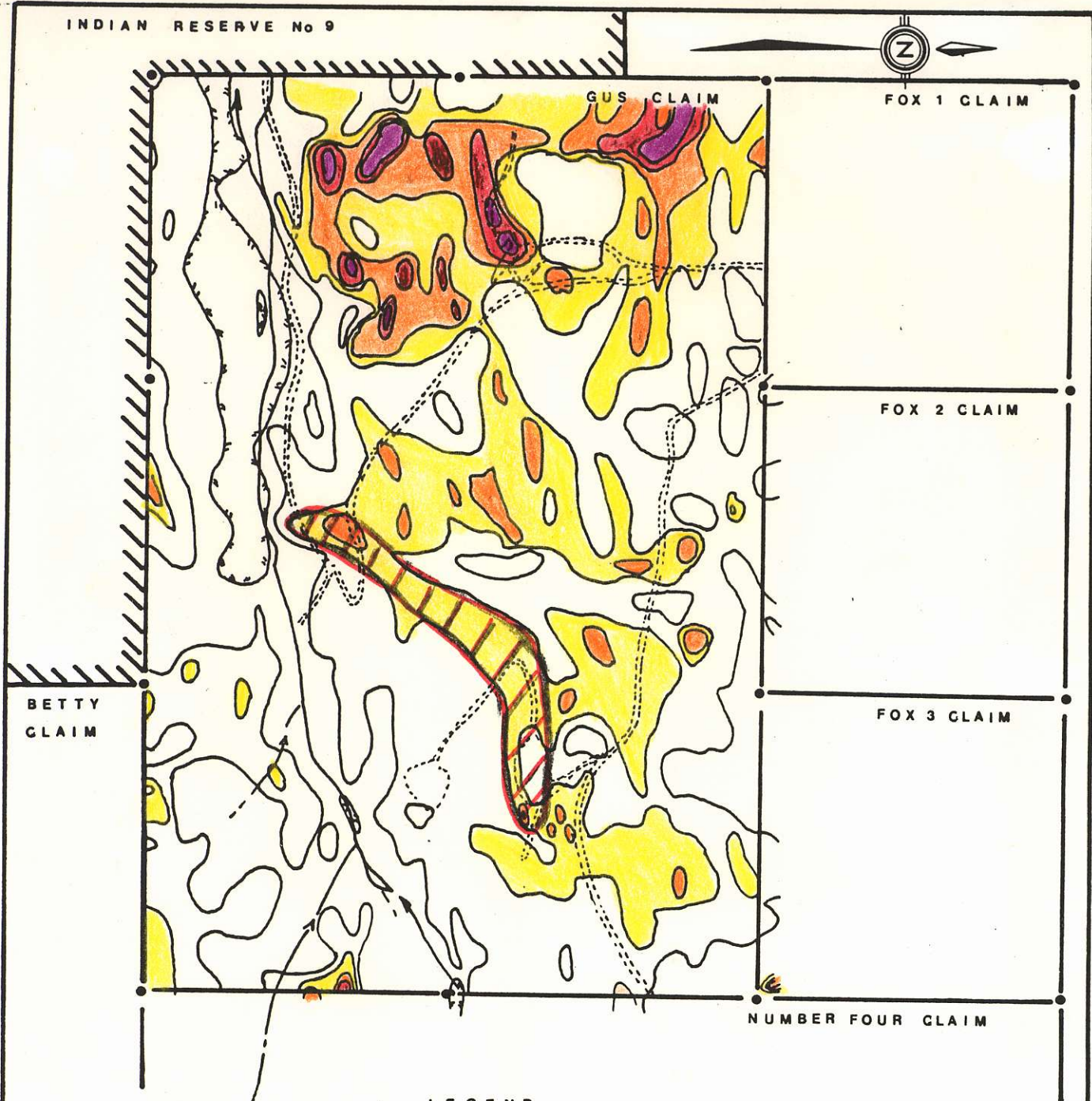
Mapping of the Gus Claim suggests that the area is underlain by a complex assemblage of plutonic-volcanic/sedimentary rocks which are contained in a contact environment. Unfortunately, much of the claim is covered by extensive glacial overburden which makes interpretation of the limited geological data difficult. This is especially true of the area immediately adjacent to and south of Shackelly Creek. However, with the aid of a detailed magnetic survey a geological map was prepared (see Figure No. 7 in pocket) and the following observations are made, namely;

- 1) The southeast portion of the claim is likely underlain by hornfels sediments and/or basaltic/andesitic volcanic rocks.
- 2) The west central to north eastern portion of the claim is underlain by hybrid diorite and quartz diorite rocks of the main Guichon batholith.
- 3) The western portion of the claim north of Shackelly Creek is underlain by a northerly trending belt of basaltic/andesitic volcanic rocks.
- 4) To date the only calcareous rocks mapped on the Gus Claim occur as a marble/skarn outcrop at approximately 3350N; 2470W.

This outcrop, although only approximately 425M² in area, is significant as it is both megascopically and microscopically similar to the skarn host rock at Craigmont¹. Much of the outcrop has a brecciated appearance. It contains hematite, epidote, garnet, actinolite, chlorite with minor magnetite, chalcopyrite and malachite. A weak coincident magnetic anomaly (Figure No. 4) suggest that the skarn zone trends to the southwest paralleling the indicated batholith contact. Unfortunately, heavy overburden in this area makes trenching impractical.

1 Petrographic Report Dr. K.E. Northcote January 29, 1982.

INDIAN RESERVE No 9



LEGEND

CONTOUR INTERVAL 500 GAMMAS

PLUS 10,000 GAMMAS

9500 to 9999

II

9000 to 9499

II

8500 to 8999

II

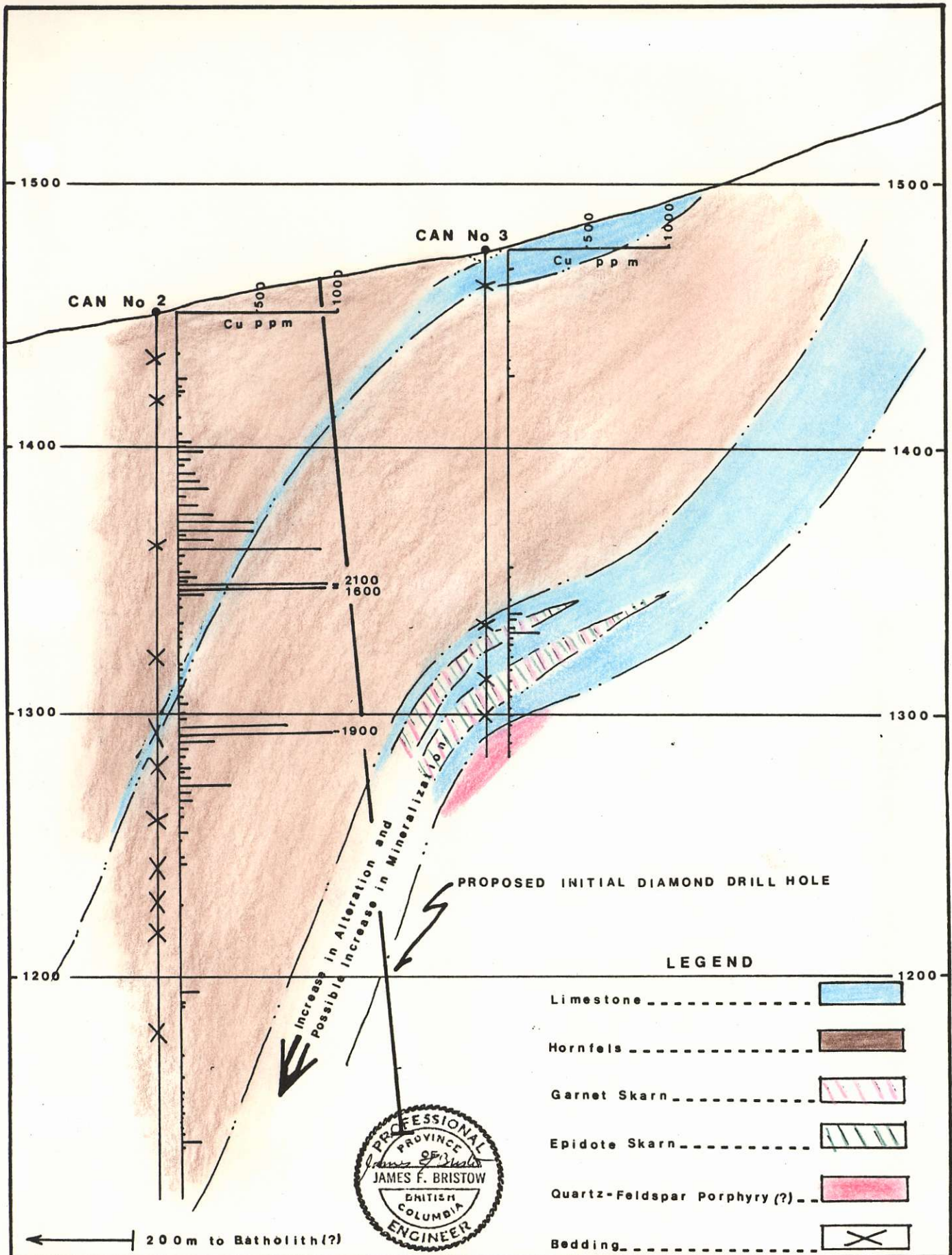
POSSIBLE SKARN ZONE



DRAWN J. F. B.	BETTER RESOURCES LIMITED	SCALE 1:10,000
MAGNETICS J. F. B.	DRILL TARGET A	Figure No 4
	GROUND MAGNETIC SURVEY	

(B) DRILL TARGET B

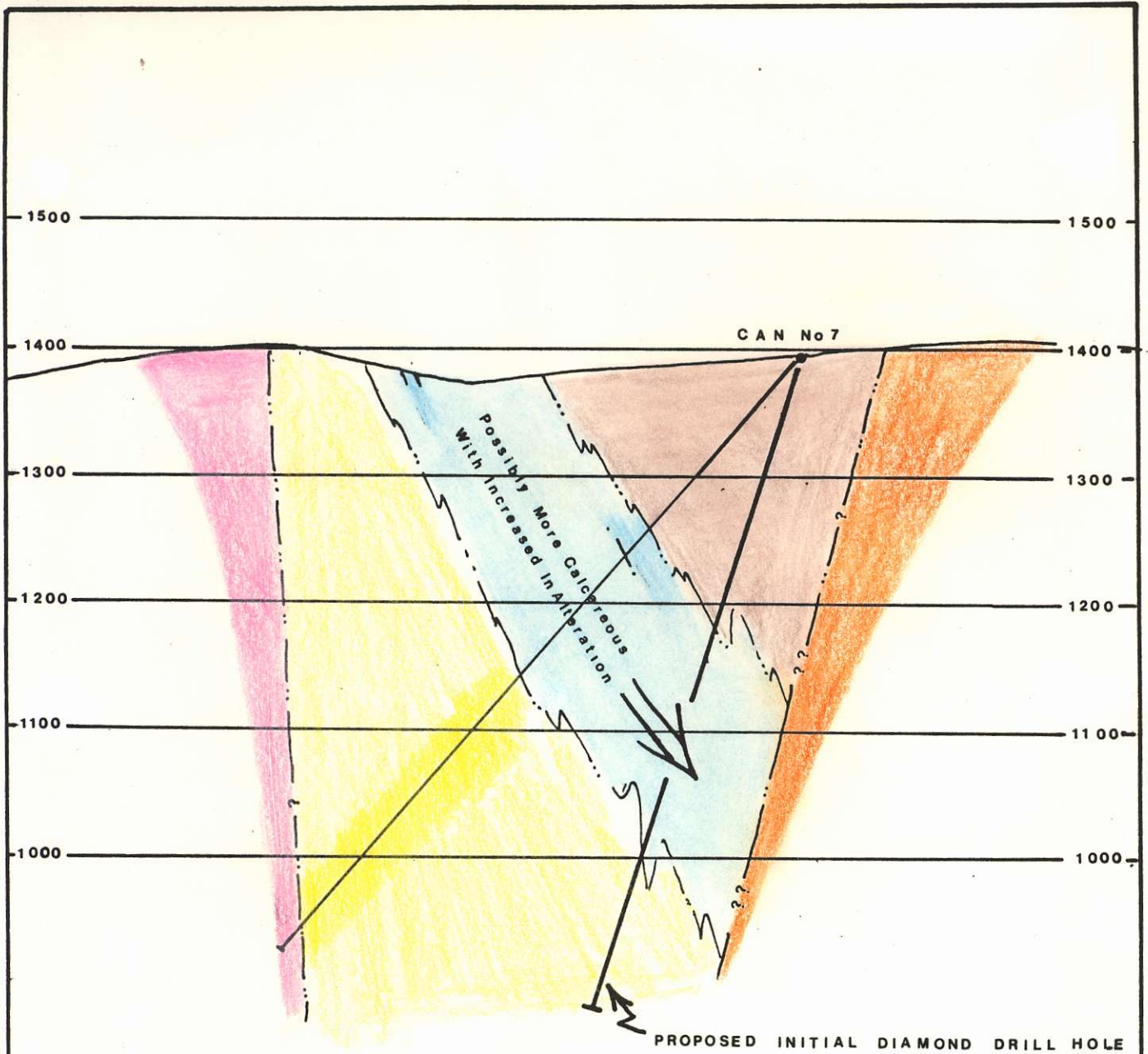
This area of interest lies between Diamond Drill Holes Can No. 2 and Can No. 3 (Figure No. 5). Geological mapping and diamond drill information suggests that the unaltered limestone horizon exposed at surface dips westerly, steepens and becomes more altered at depth. Diamond Drill Hole Can No. 3 intersected, interbedded, recrystallized limestone and epidote-garnet skarn between 146 meters and 182 meters. However, Diamond Drill Hole Can No. 2 located approximately 125 meters northwest along Section C-C (See Figure No. 7) reached a depth of 334 meters and did not intersect the calcareous horizon. In order to explain this phenomenon the calcareous horizon must either steepen or terminate west of Diamond Drill Hole No. 3. It is interesting to note that the calcareous horizon intersected in Diamond Drill Hole No. 3 is altered in part to a calc-silicate assemblage similar to the productive skarns at Craigmont.



DRAWN	W. S. P.	BETTER RESOURCES LIMITED	SCALE 1:2000
GEOLOGY	C. C. R.		DRILL TARGET B
TRACED	J. F. B.		SECTION C-C'
			Figure No 5

(C) DRILL TARGET C

This area of interest lies approximately 325 meters east of Indian Reserve No. 9 (See Figure Nos. 6 & 7). Detail geological mapping reveals that a sequence of hornfels, calcareous sediments and rhyolitic volcanics are sandwiched between hybrid Guichon intrusives and a quartz feldspar porphyry plug. Diamond Drill Hole Can No. 7 drilled south away from the batholith crosses the stratigraphy. This drill hole confirms that the calcareous sediments exposed on surface dip north towards the batholith at approximately 55° to 60° . Moreover, the sediments appear to become more calcareous and more altered with depth, suggesting that mineralization may occur adjacent to the batholith contact.



LEGEND

- Hybrid Phase Guichon Batholith ----- [Orange box]
- Quartz Feldspar Porphyry ----- [Pink box]
- Hornfels ----- [Brown box]
- Carbonate Rich Rocks ----- [Light Blue box]
- Rhyolitic Volcanics ----- [Yellow box]



DRAWN J.F.B.	BETTER RESOURCES LIMITED	SCALE 1:5000
GEOLOGY G.M.	DRILL TARGET C	Figure No 6
INTERPRETATION J.F.B.	SECTION D-D'	

-10-

CONCLUSIONS AND RECOMMENDATIONS

Three locations on this claim group have been identified as potential hosts for "blind" copper-iron skarn orebodies similar to those found at Craigmont Mines Limited.

Target A is a recently found outcrop predominantly marble-garnet-epidote skarn located on the Gus Claim. Petrographic studies suggest that this skarn is both megascopically and microscopically similar to the skarn host assemblage at Craigmont.

Targets B and C are indicated by geologically mapping and previous surface diamond drilling as potential deep "blind" skarn zones.

A two phase surface exploration program is recommended to test the current drill targets. The overall program consists of 15 drill holes totalling 4200 meters.

Phase II of the program would be initiated only if some measure of success was obtained during Phase I.

COSTS

Proposed Exploration Program

PHASE I

DRILL TARGET A

Diamond drill, six holes to total approximately
900 meters @ \$75./meter, including mobilization,
demobilization and geological supervision\$ 67,500.00

DRILL TARGET B

Diamond drill, one hole to total approximately
350 meters @ \$90./meter including mobilization,
demobilization and geological supervision 31,500.00

DRILL TARGET C

Diamond drill, one hole to total approximately
550 meters @ \$90./meter including mobilization,
demobilization and geological supervision 49,500.00
Sampling, assaying, data compilation, office overhead 10,000.00
Contingencies 25,000.00

TOTAL PHASE I \$183,500.00

PHASE II

DRILL TARGET A

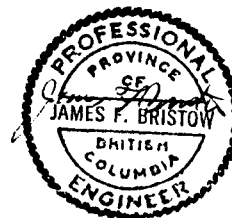
Diamond drill additional four holes to total
1200 meters @ \$75./meter including mobilization,
demobilization and geological supervision\$ 90,000.00

DRILL TARGET A AND/OR B

Drill additional three holes totalling 1200
meters @ \$90./meter including mobilization,
demobilization and geological supervision 108,000.00
Sampling, assaying, data compilation, office overhead 12,000.00
Contingencies 35,000.00

TOTAL PHASE II \$245,000.00

TOTAL PHASE I AND II \$428,500.00



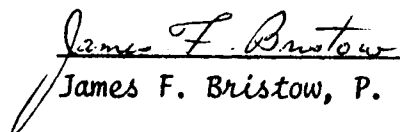
James F. Bristow P. Eng.

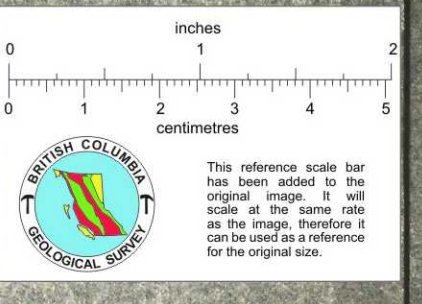
QUALIFICATIONS & CERTIFICATION

I, James F. Bristow, of 1840 Penshurst Road in the Municipality of Saanich, Province of British Columbia, hereby certify as follows;

1. I am a graduate of the University of British Columbia with a B.A. Degree (Geology and Physics).
2. I am a Professional Engineer registered in the Province of British Columbia.
3. I am a member of the Canadian Institute of Mining and Metallurgy, and the Associated Scientific and Technical Societies of South Africa.
4. I have actively practiced my profession in mineral exploration and mining geology since my graduation in 1957.
5. That this report is based on data either gathered by myself or by the principals of Better Resources Limited.
6. That I am a director of Better Resources Limited and hold a direct interest in securities of this company.

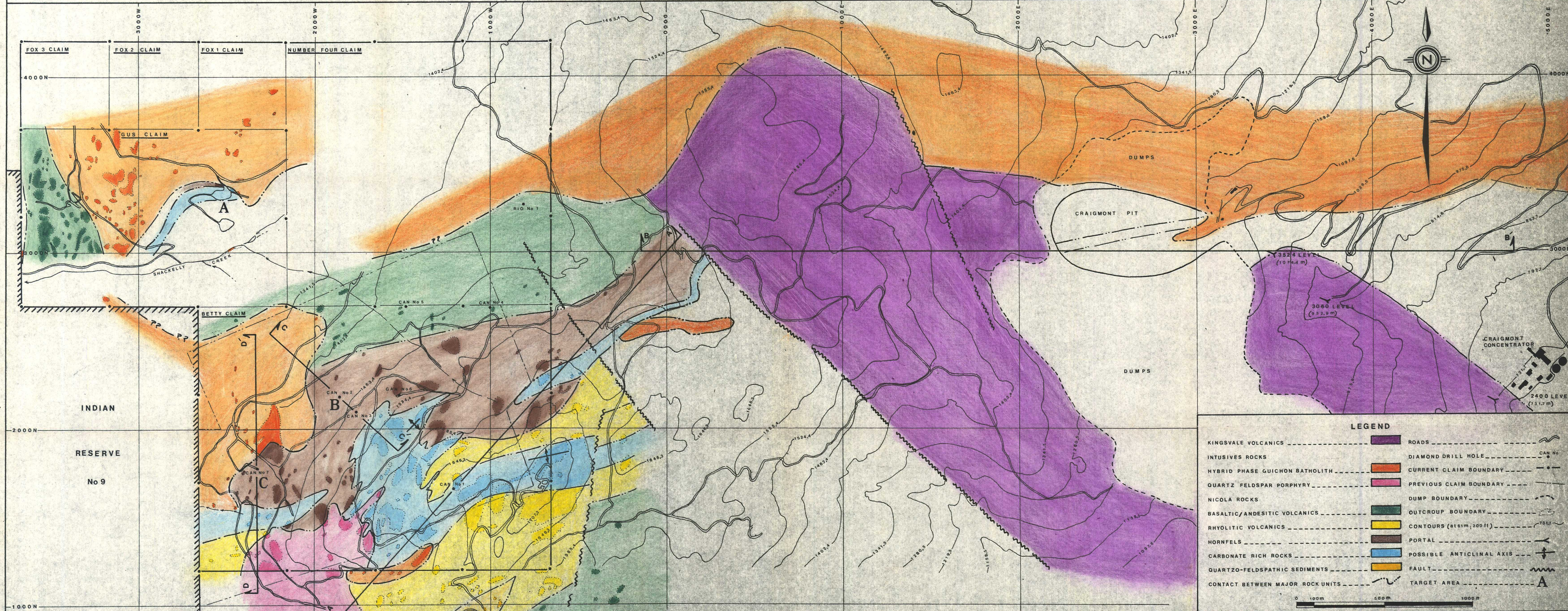
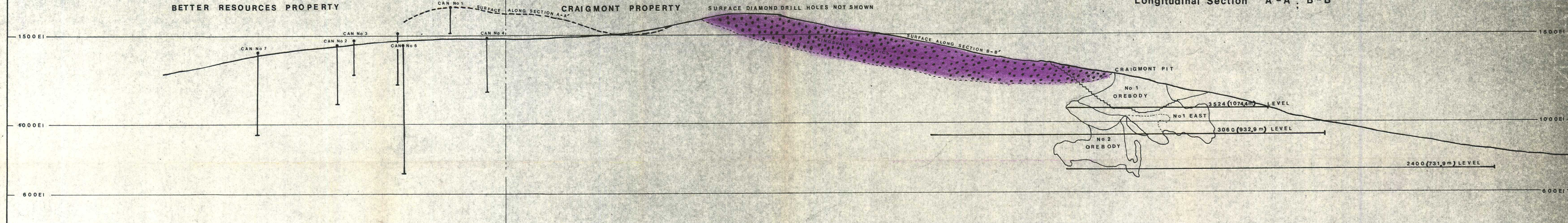
Dated at Victoria, British Columbia, this 29th day of March 1982.


James F. Bristow, P. Eng.



SECTION A-A' SECTION B-B'
 PROJECTED SECTION ALONG LINE JOINING CAN No 1 AND 3000N,000E PT SECTION ALONG 3000N LINE

Longitudinal Section A-A', B-B'



LEGEND	
KINGSVALE VOLCANICS	ROADS
INTUSIVES ROCKS	DIAMOND DRILL HOLE
HYBRID PHASE GUICHON BATHOLITH	CURRENT CLAIM BOUNDARY
QUARTZ FELDSPAR PORPHYRY	PREVIOUS CLAIM BOUNDARY
NICOLA ROCKS	DUMP BOUNDARY
BASALTIC/ANDESITIC VOLCANICS	OUTCROP BOUNDARY
RHYOLITIC VOLCANICS	CONTOURS (at 5m; 200 ft)
HORNFELS	PORTAL
CARBONATE RICH ROCKS	POSSIBLE ANTICLINAL AXIS
QUARTZO-FELDSPATHIC SEDIMENTS	FAULT
CONTACT BETWEEN MAJOR ROCK UNITS	TARGET AREA

DRAWN J. F. B. SCALE 1:10,000
 DATE MARCH 1982
BETTER RESOURCES LTD
 GENERAL GEOLOGY MAP
 LONGITUDINAL SECTION
 Geology after: G.C. Rennie 1975; W. McMillan 1977;
 G. Morrison 1978; J.F. Bristow 1982.
 Figure No. 7