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EXPLORATION REPORT

GORB MINERAL CLAIMS

1973

N.T.S. 115-I-11

By: P.M. Dean, Oct. 1973

DYNASTY EXPLORATIONS LIMITED

330 MARINE BUILDING
355 BURRARD STREET
VANCOUVER 1, B. C.

EXPLORATION REPORT GORB MINERAL CLAIMS 1973

INTRODUCTION

The Gorb claim group, consisting of 72 contiguous claims, was staked for Dynasty Explorations in August, 1973, by White, Hosford and Impey Ltd. The claims are located in an overburden covered area in the valley of Dark Creek, 10 miles west of Minto, in the Whitehorse Mining District (Figure 1). The claims are situated on strike with the mineralized zones on the Silver Standard and United Keno Hill claim groups to the north and may be underlain at shallow depth by the same granodiorite host rock.

The claim group was examined by the author and an assistant on September 12th, 1973.

GEOLOGY

The two main rock types in the area of the Gorb claims are granodiorites of Jurassic age and younger overlying volcanic rocks probably of Tertiary age. The granodiorites are medium to coarse grained, occasionally porphyritic rocks with hornblende as the main mafic mineral. The copper mineralization in the Minto area occurs in this rock type and consists of chalcopyrite, bornite and chalcocite, disseminated through strongly foliated zones in the host rock. The Carmacks volcanics, which overlie the granodiorite, consist of basalt and andesite flows, breccias and tuffs.

The only bedrock exposure we found on the Gorb claims were two small outcrops on the south side of Dark Creek. These consisted of basalt and volcanic breccia and are part of the Carmacks Volcanics. Outcrops on the ridges to the north of the claim group were not examined on the ground but from the air they also appear to be volcanic rock. In spite of the lack of granodiorite outcrop on the Gorb claims, abundant float of this rock type occurs in Dark Creek, and it is possible that granodiorite outcrops may occur under overburden in the valley bottom. In any case, the capping of volcanics is likely to be thinner in the topographically low Gorb claims area.

GEOCHEMISTRY

Two lines of soil samples were taken across the claim group on both sides of Dark Creek. It was hoped that these samples might help in distinguishing areas underlain by granodiorite from areas underlain by volcanics, since the background geochemical level may be different in these two rock types. The values obtained (Figure 2) are very uniform throughout the area sampled, with a mean of about 25 ppm and a range of 15 to 35 ppm. There are no values which can be considered to be anomalous. The uniformity of the background in copper suggests that the same rock type underlies all the area covered in the sampling.

PROPOSED EXPLORATION

The only meaningful exploration work which can be undertaken on the claims at this point is diamond drilling for geologic information. Initially, one deep hole is probably all that would be required. This hole would determine if the claims are underlain by the host granodiorite and would indicate whether or not the granodiorite is foliated. Any additional drilling would be contingent on the results of this first exploratory hole.

The drilling equipment and camp can be easily mobilized to the claim group by helicopter from Minto on the Klondike highway, a distance of 10 miles. Alternately, during the winter ground transportation to the property would be possible from Minto using tracked vehicles. For the initial diamond drill hole, air transportation would very likely be less expensive than building a winter road to the property.

ESTIMATED DRILLING BUDGET FOR GORB CLAIMS

Assumes one, 1000 ft. diamond drill hole.

Mobilization:

Using Hiller 12E helicopter based at Minto, assuming 24,000 lbs. of equipment, camp gear and fuel.

24 sling loads at 25 minutes round trip = 10 hrs.

Say 12 hours x \$160/hr. = \$1,920

Fuel 180 \$ 2,100

Demobilization:

1,900 \$ 4,000

Groceries: 6 men x \$10/day x 12 days = 720

1 supply trip from Midway
1/2 hr. x \$160 = 80

Fuel 10 \$ 810

Footage Cost: \$15 per Ft. (includes set up time, wages for moves, etc.)

\$15,000

Geochem. Core - 100 samples x \$2.00 200

Assays - Estimated 300 \$ 500

Wages: (Dynasty personnel) 1 month x 1500 \$ 1,500

Transportation: (Airfares etc.) for Dynasty personnel - est. \$ 500

Total \$ 22,310

Contingency \$ 2,000

\$ 24,310

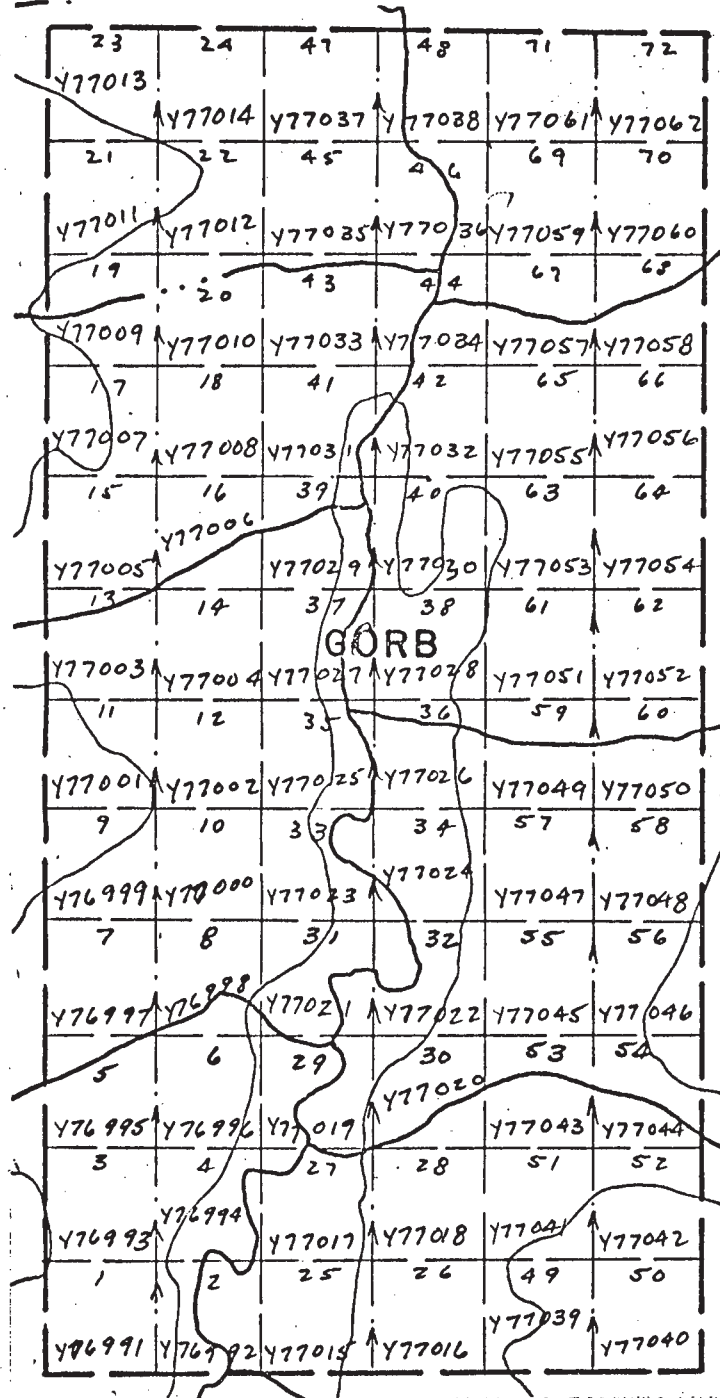
Budget Continued

Total	\$ 24,310
Administration at 10%	\$ <u>2,500</u>
	\$ 26,810
Say	\$ 27,000

Respectfully submitted,

P. M. Dean

October, 1973




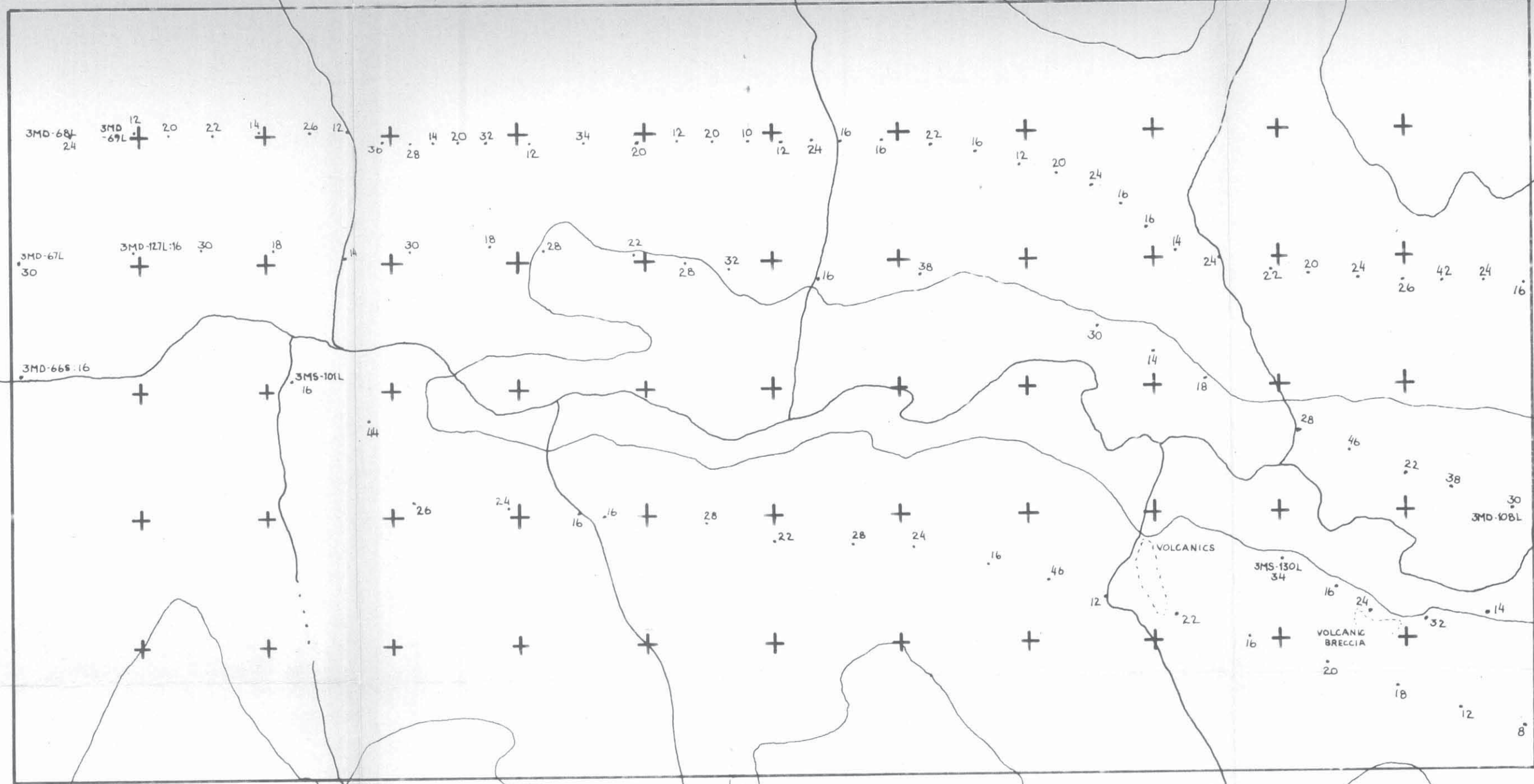

 Scale: 1" = 1/2 mile

FIGURE I - GORB CLAIM MAP



DYNASTY EXPLORATIONS LIMITED

RECONNAISSANCE GEOCHEM VALUES
GORB CLAIMS
1151-11

3MD-66S 16 SAMPLE NUMBER & COPPER VALUE
OUTCROP BOUNDARY
CLAIM BOUNDARY
DATE: AUGUST, 1973
SCALE: 1 inch = 1/4 mile

