

674106



Note polygonal structures

- |   |    |   |                       |
|---|----|---|-----------------------|
| ① | gr | granite                                   | CH-70-6-1-6           |
| ② | ga | gabbro                                    | CH-70-6-3-10,9        |
| ③ | di | diorite                                   | CH-70-6-3-1           |
| ④ | ba | basalt                                    | CH-70-6-3             |
| ⑤ | da | dacite                                    | CH-70-6-3-2           |
| ⑥ | ls | limestone                                 | CH-70-6-1-15<br>6-4-1 |
| * |    | sheared<br>amphipolite(?)<br>(meta-basic) |                       |

note: all sample nos. shown here are  
prefixed by; CH # 700.. (70001-70035)  
location of 23,24 is doubtful  
magnetic declination used 27° 30' E.

Note to Cam:

(1) There is a lone prospector working in the area. First name Phil. Don't know last name. Plans to work between Indata and Albert lakes.

(11) I came across a grid station in the bush. Location on map. It was just orange flagging (slightly faded) with no blazes visible in area.

(14) We need a note pad #

Notes to accompany

Map on air-photo overlay

May - June 1970

BC 2058:103

Bravo Camp No 1 1970

INDATA - ALBERT LAKES

### Stream Sediment Samples:

On the first few days ~~originally~~ the area was traversed with a view to sampling the obvious streams in the area of the igneous body. Generally the streams are ~~not~~ ~~flow~~ swollen and often torrential. Consequently conditions for sediment deposition are far from optimum and as a ~~consequence~~ result the ~~stream~~ sediment samples are of poor quality. A note was kept of all locations of samples together with an indication of quality. There is much organic matter in a significant number of samples.

Geology: The general interpretation of the geology is as apparent from the accompanying overlay. An igneous body intrudes of stratigraphic sequence and their ~~stratigraphic~~ supposed line of contact is shown on the map thus: ---

1. Igneous Rocks: From the centre of the body the apparent sequence is roughly: - gabbro (small to moderate outcrop area), diorite-dacite (most of the ~~exposed~~ rock), granite (small area to S.W. of map).

(a) There is considerable intermingling of the former two rock types together with some occurrences of ~~the~~ what is probably the fine-grained equivalent of gabbro (called basalt on the ~~map~~).

(b) The only ~~metallic~~ metallic mineral seen was pyrite (± pyrohothite?), and this in small ~~specimens~~ ~~and~~ its characteristic mode of occurrence was in the cube form.

(c) There was one small occurrence of a sheared green-black rock which exhibited abundant serpentine. It is called "sheared amphibolite" on the map. ~~and~~ It is located quite near a limestone-marble outcrop.

2. Limestone: Four limestone outcrops were visited and noted. Samples CH70-6-11-14-15 both could properly be called marble. At other localities the exposures are massive generally dark grey and contain no obvious fossil forms.

Conclusion: The area only requires further work should first stream sediment results prove anomalous.

Signed: Col. R. Farwell