

July 17 1969.

Report For Ahdatay Lake Camp

To accompany overlays 2054: 47, 48.

General: Camp was set up to south of B.C.F.S. helipad, E-34 on July 8th.

Geology: No outcrop was seen in the area covered in traverses as shown on the accompanying overlays. Glacial drift contained often angular boulders the general nature of which is described on the overlays.

Siltting: All creeks crossed on these traverses were sampled and followed for the length of their extent. Locations of all sediment samples are shown on overlay BC 2054:48.

Magnetometer: G.N. Orr operated the prospecting magnetometer ~~of~~ over the ground covered by the grid outlined on the accompanying "Clearpoint" sheets. Profiles in γ vs. distance are included herein, while no attempt is made to interpret these magnetometer results. Orr reports some correlation between a low reading (12,13x500 γ) and a station on a swamp and a high reading (16x500 γ) and a station on a sand-ridge. The very high reading (26,000 γ) was double-checked as were those about it.

Soils: It is the opinion of both Orr and Haimel that soil sampling in the area about the grid would be futile: the north-south alternation of swamp and sand-ridge would yield virtually useless results.

Conclusion: Should the magnetometer show a significant cause for further action there would seem to be a good case for a concentrated geophysical programme. Geology and geochemistry - at least as far as soils are concerned - would be of no real assistance.

Col. P. J. Parnell
Party Chief

Ahdatan Lake, July 19 1969.

Comment: The evidence for the location of the volcanic body to the east of Ahdatan Lake, especially the west and south-west limits of this body, on the G.S.C. maps is quite a puzzle to me.

PH.