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Notes on examination of Diamond-drill Hole Sites on CLIFF and GIFT M.Cs., Kamloops by J.M. CARR, June 18th, 1957.

1. Letter from Chief, Mineralogical Branch to Mr. A.H. Clayton, dated May 15th 1957, refers to this drilling.

2. Access: The sites are approximately 7 miles southwest of Kamloops, about 1500 feet south of the Trans-Canada Highway. They are reached by 1 mile of dirt-road, leaving the highway just west of Iron Mask lake.

3. Positions of the two drill-sites found are indicated on the accompanying sketch-map. Length and dips of the second hole are not known to the writer. Indicated bearings of the holes are approximate. The cores were not available for examination. Date of the drilling is not known, but is recent.

4. The mapped veins may be Veins No. 3 and 4 of the one-time MAGNET M.C., description of which is quoted p. 136, Geol. Surv. Canada Mem. 249 (1948). No recent stripping has been done. The country rock is diorite of the Iron Mask batholith. The veins show evidence of fissure-filling. The ~~showed~~ exposures are on a low, discontinuous ridge whose continuation northwest of the limit of mapping may indicate extension of the veins. The terrain is arid. Small alkali lakes occur within ½ mile of the locality.

5. The veins are of massive magnetite containing apatite and possibly small amounts of other silicate minerals. Lenses of magnetite-rich diorite are enclosed in places. Very small amounts of chalcopyrite and pyrite ~~occur~~ are associated with epidote in the magnetite north of the shaft.

92I/9W
92I/NE-22

GEOLOGICAL SKETCH-MAP OF PART OF CLIFF AND GIFT MINERAL CLAIMS, KAMLOOPS

MAGNETITE VEIN: EXPOSED
INFERRED

SHAFT (CAVED):

APPROX. THICKNESS OF VEIN: 7'

J.M. CARR
JUNE 1957