

TR7-78-80

19. DRILLING AT THE COMET MINE, DUNDAS

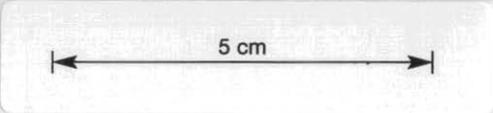
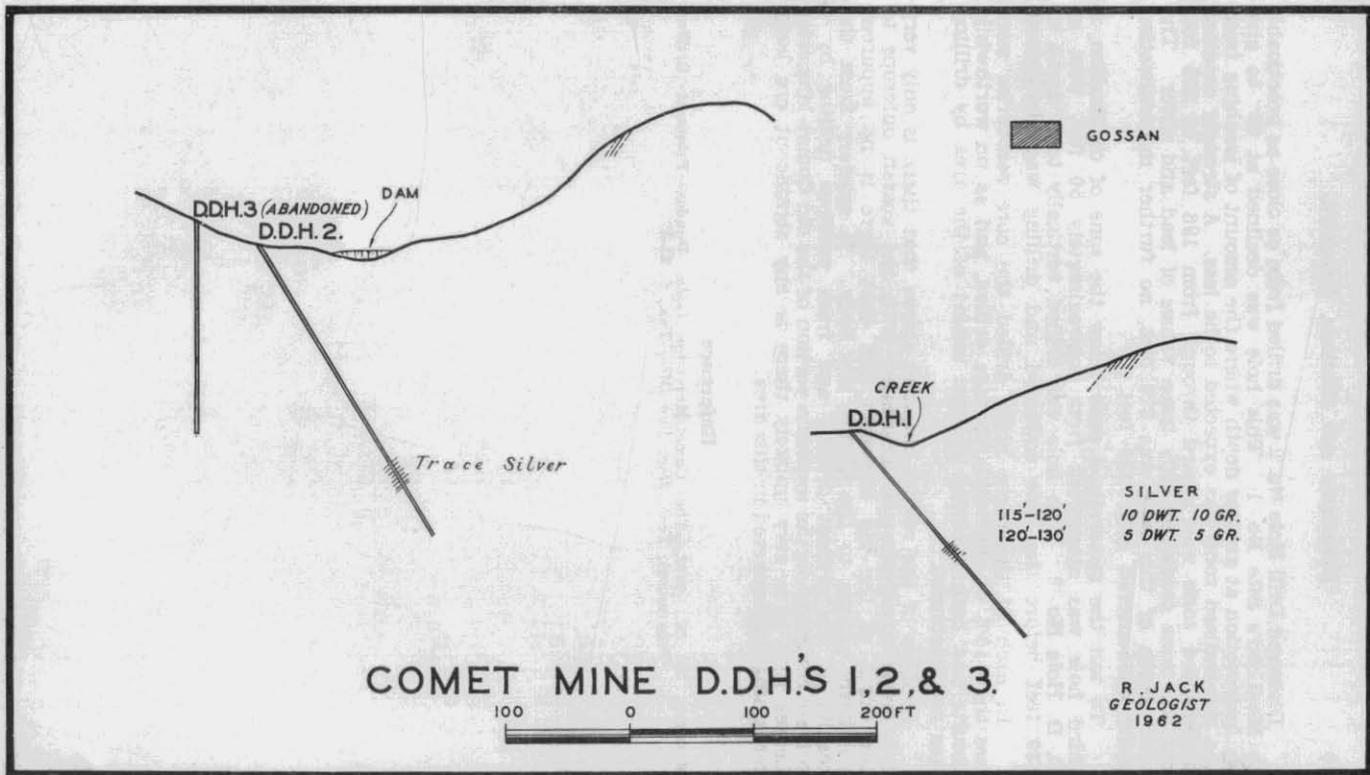
by R. Jack.

Drilling of the northern part of the Comet-Maestries Mine was recommended by MacLeod (1962), who gave a brief outline of the geology of the mine area. Three holes were drilled in very soft caving ground and the drilling target was reached in two of these holes—the third hole collapsed and was abandoned before the mineralized zone was reached.

Diamond Drill Hole No. 1 was sited on the western side of a gossan covered hill to the north of the old mine workings (at MacLeod's site No. 2).

The hole was drilled on a bearing of 55° , declined at 50° , and completed to a depth of 225 feet. The hole passed through very soft shale, sandstone and quartzite and encountered a weakly mineralized zone between 100 feet and 130 feet. This mineralized zone was met earlier than expected and shows there is a definite flattening off of the dip in the northern part of the mineralized zone.

FIGURE 24.



Diamond Drill Hole No. 2 was drilled from as close as practicable to MacLeod's Site No. 1. This hole was declined at 60° to give an intersection at greater depth where the amount of leaching from the mineralized zone was expected to be less. A strongly oxidized mineralized zone was passed through from 196 feet to 225 feet but this zone contained only trace values of lead and silver. The total depth of this hole was 270 feet, no further mineralization being encountered after 225 feet.

To test the mineralized zone below the zone of oxidization, a third hole was attempted from approximately 50 feet west of D. D. Hole No. 2. This hole was drilled vertically to a depth of 139 feet before the hole collapsed and drilling was abandoned.

In each of the three holes drilled the core recoveries were less than 10% of the total footage drilled, and as no worthwhile results had been achieved further testing of the area by drilling was not attempted.

Analysis of the results obtained shows that there is only very low grade mineralization associated with the gossan outcrops to the north of the old workings and that there is no apparent northerly plunge to the Comet ore body. It appears from the results of the present drilling and from previous drilling by a private company on the southern portion of the old Comet-Maestries Leases that it is very unlikely there is any significant ore body remaining undiscovered in this area.

Reference

MACLEOD, W. N., 1962.—The Comet-Maestries Lode, Dundas—Proposed Drilling Programme. *Tech. Rep. Dep. Min. Tas.*, 6, 35-37.

COMET WINE