

ASSAY REPORT ON SAMPLES FROM
ORIEL MINE, WARBONNET DISTRICT

by
W. Dan Hausel
1988

Two samples collected from the Oriel Mine dump on 6/7/88. The Oriel Mine lies in the E/2 SE/4 sec. 10, T.29N., R.75W. of the Warbonnet district. When examined, the shaft was caved to within 12 feet of the collar. The actual depth of the shaft is not known, but probably does not exceed 100 feet based on the size of the mine dump. The shaft was sunk on a cupriferous Proterozoic mafic dike that cuts Archean granite. The dike trends N40°E and dips 86°W.

Copper stains are associated with milky quartz and some select material contains chalcopyrite. The two samples yielded the following assays (nd=not detected).

Sample no.	Cu(%)	Mn(%)	Au (ppm)	Ag (ppm)
OR1-88	1.14	0.055	nd	nd
OR2-88	1.18	0.086	nd	nd