

## LITHOLOGIC LOG

Project: McCoyHole: 864-57 (66-8)Elevation: 5795Date Drilled: 16/3/80Location: NWSE Sec 8 T22N R40EMethod: rotary/airGeologist: Gross, Tower, Ciancanelli,  
Pilkington

Gamma: \_\_\_\_\_

Depth (m)	Description
0-220	<u>Tertiary Volcanics</u> Pinkish-gray, crystal-lithic ash flow tuffs. Crystal fragments of sanidine, quartz and biotite. Lithic fragments of ash flow tuffs and pumice. 119 Trace of sulfides. 198-201 Volcanic wacke conglomerate. 201-220 Weakly altered with disseminated sulfides.
220-311	<u>Favret Formation (Triassic)</u> 220-236 Black calcareous siltstone or silty limestone with considerable disseminated pyrite. 236-241 Medium-gray fine-grained sandstone with calcareous cement. Sulfide veins. 241-299 Dark-gray limestone cut by calcite veins containing some pyrite. 299-311 Dark-gray to black calcareous siltstone.
311-665	<u>Basal Conglomeratic Sandstone (Triassic)</u> Medium-gray to light gray-white quartzite and interbedded conglomeratic quartzite. Some color variation due to oxidation state of iron. 320 Veinlets of quartz and pyrite. 340-378 Veinlets of quartz and sulfide. Below 418 the quantity of sulfide increases. 472-493 Several zones of fault gauge.

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Depth (m)	Description
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665-765

Valmy Quartzite?(Ordovician)

Gray to grayish-red, fine-grained quartzite. The well rounded quartz grains are somewhat recrystallized and show well developed silica cement. Hematitic staining and/or micaceous material give rock a distinct sheen.