

3290 0017

## UNITED STATES BUREAU OF MINES

S. 8 (202)  
M-3  
Item 3PRELIMINARY EXAMINATION REPORTState Nevada County Mineral Mineral Products CopperName of property Northern Light MineOwner Not known Address \_\_\_\_\_Lessee or  
Operator Allen McLean Address Angelus Basin Copper Co., Box 341, Yerington, NevadaLocation T. 12 N., R. 28 E., 27 miles south of Yerington, Nevada

1 Sample - 200 level, width 4.5 ft. oxidized ore	11.11% Cu
1 " 250 " " 3.5 ft. mixed "	8.52% "
1 " 250 " " 3.0 ft. " "	7.39% "
1 " Average	9.01% "

History and production Claims were originally located in 1906 and has been worked intermittently by lessors since that time. Total production is estimated at 8,000 to 10,000 tons of ore ranging from 6% to 10% copper.

Type Deposit (Geology) The ore occurs in a vein about 3 feet wide which strike N. 27 W. and dips 67 SW. The hanging wall is limestone and the foot wall in shale. The one above the 200 level is copper carbonate and below that level it is massive pyrite and chalcopyrite.

Mine Workings Three shafts have been sunk on the property. Three levels have been opened up, the 200, 250 and 325 foot levels.