

2960 0033

(246) T-tem 33

PROPERTY NAME: White Caps  
 OTHER NAMES: Transworld Energy Corp.  
 MINERAL COMMODITY(IES): Au, As, Sb, Hg, F, Cu.  
 TYPE OF DEPOSIT: Lode and replacement  
 ACCESSIBILITY: Good roads SE of Manhattan about 1.4 miles  
 OWNERSHIP: Argus Resources Inc.  
 PRODUCTION: Reported to be close to three million dollars  
 HISTORY: Began in 1912 and has operated sporadically until 1962. Drilling revealed ore in 1977.

County: Nye  
 Mining District: Manhattan  
 AMS Sheet: Tonopah  
 Quad Sheet: Manhattan 7 1/2'  
 Sec. 21, T 8N, R 44E  
 Coordinate (UTM):  
 North 4 2 6 4 5 8 0 m  
 East 0 4 9 5 7 7 5 m  
 Zone

DEVELOPMENT: A 75-ton mill...a 900 foot shaft and a winze to 1300 feet..extensive lateral workings which are reported to be flooded below 400 feet. Main ground is patented..approximately 262 acre in all. Builings are empty shells.  
 ACTIVITY AT TIME OF EXAMINATION: None.

GEOLOGY: The workings have followed ore both as lodes and as replacement bodies in three different limestones of the Gold Hill Formation of Cambrian age. The ore zones follow the footwall of the limestone and were traced from the surface to the 980 foot level in the east ore body by the early 1920's according to (Ferguson, 1924). During the same period the West and Shaft ore bodies were traced from the 100 to the 500 foot level. The ore is distinct in its mode of occurrence and its mineralogy. Much of the gold is associated with arsenides commonly realgar or tied up with iron oxides derived from pyrite. In contrast to the generally low gold-silver ratios of the camp the ratio at the White Caps is about 17:1. Ore and gangue mineral assemblages in the limestone ores are Cinnabar that occurs at the 200 and 980 foot levels, and realgar found between the 450 and 665 level in the eastern part of the mine. Stibnite was found throughout the mine but was more prominent in the western ore bodies from the 310 to the 450 levels. Antimony ores were being mined until the fire in 1964. In 1977, 10,000 tons of 1.5oz/ton of gold were proven by drilling to the 1300 foot level. Primary ore in quartz veins contained very finely divided gold associated with realgar and stibnite. Some veins contained large lenses of pure realgar and pure stibnite up to 4ft x 20ft. Ore shoots have better continuity down dip than along strike with ore widths from 5-7 feet. Sample 2045 was taken from the dumps and consisted of realgar, orpiment, realgar, stibnite and unidentified sulfides. Assays were high in arsenic, antimony and included 50ppm gold.

REMARKS:

REFERENCES:

EXAMINER: Jack QuadeDATE VISITED: 9-23-85