

PRELIMINARY REPORT  
ON THE GROUP OF MINING CLAIMS OWNED BY  
STATE COPPER COMPANY  
Yavapai County, Arizona

LOCATION OF PROPERTY

A group of mining locations, comprising fifteen lode claims located within, and being a part of Sections Six and Seven, Township Eight North, Range Two West, Gila and Salt river Principal Meridian of Arizona, is the subject of this report.

The nearest railroad point is the small mining town of Wickenburg, twelve miles west and seven miles south of the property. The immediate territory is served by the Ashison Topeka and Santa Fe Railroad. A branch line extending from Wickenburg to Phoenix and from Wickenburg to the main line at Ash Fork, or west to the main line by way of Parker and Cadiz. From this description the exact location of the property may be found on any map of the State.

SURFACE DEVELOPMENT

It is very seldom that I see a mining property that has so many shallow surface cuts, shafts and short tunnels. Each of the fifteen claims have from one to ten or more of these small openings and the amazing thing about it is the fact that they all contain more or less ore. Nor are these shallow openings confined to the fifteen claims, but as far as I can determine they prevail in all directions from the group owned by your Company. To describe each of these, or even the more important ones, would require space prohibited in this report. I pass them with this remark that I have never examined a copper property that had such a display of high grade ore. Ore if found at practically all places were the veins outcrop to the surface.

DEEPER DEVELOPMENT

The deeper and more important development on the "Whim Vein" consists of the "Golden Wonder Shaft" sunk on the foot wall of the vein for an inclined distance of something near 100 feet. This shaft is on the "Treasure Vault Claim" and in point of elevation is the highest on the property. Elevation of the Collar is 3799.67 feet. See upper dump in picture No. 6 station 69 on larger maps.

The next shaft of importance is the "Whim Shaft" on the "Whim Vein" 380 feet southeast of the "Golden Wonder Shaft". This shaft is also on the foot wall and is sunk an incline distance of 100 feet. Both shafts dip from 55 degrees to 60 degrees, or practically the same as the "Swallow Shaft". I did not go down either of these shafts for the reason that I did not consider the timber in the "Whim Shaft" safe, and the "Golden Wonder" had no timber nor ladders.

Also a tunnel from near station 68, follows the vein to the northwest and connects with the "Golden Wonder Shaft". The tunnel is filled near the portal by material washed down the gulch and was not entered by me.

SURFACE ORE

I do not know just what constitutes a real surface showing of copper in Arizona, there are fifty or more showings that would be considered excellent prospects in copper countries where I have mined...It is impossible for me to conceive of such a showing as you have that would not lead to a deposit of copper with sufficient depth. I do not see that any long discussion in this report on the manner as to how this copper got there would be of any benefit. You have the copper and you have the rocks, or formations that copper is known to occur in Arizona and in other parts of the world, and I know of no reason why it should not continue to depth.

From the general nature of the country, it is my opinion that the effects of erosion and surface waters, the sulphides zone will be deep on this property.

Henry M. Lancaster  
Mining Engineer

(Excerpts from report on State Copper Co.)  
Oct. 22, 1925