

JOHN A. FULTON, DIRECTOR

Bureau of Mines



BOX C, UNIVERSITY STATION

MACKAY SCHOOL OF MINES
RENO, NEVADA

August 15, 1935

0830 0037

MINING LOG OF NORTHERN NEVADA TRIP,

OF

Jay A. Carpenter, Mining Engineer, and Wm. I. Smyth, Metallurgist,

Aug. 2-12 Incl., 1935

By

Jay A. Carpenter, E.M.

Gold Acres, Incorporated.

This low grade gold mine, about 5 miles south of Tenabo is on Lime Point, a fractured mineralized limestone in contact with rhyolite. It was drilled by Thomas of Salt Lake with rumors of a power-shovel-fed 1000 ton cyanide leaching plant. The new owners have erected a neat pilot leaching plant. (See Smyth's report). The ore is being mined by tunnel and glory hole and crushed to only $1\frac{1}{2}$ " ring for leaching. Mr. Purcell, in charge, states that the ore has averaged .06 to .10 oz. gold, needs finer crushing, and hopes the owners will build the large plant. It is a close-margin venture but being well conducted except for lack of an experienced cyanider in charge at this experimental stage.

August 12. Barite Mine at Argenta, a railroad station 12 miles east of Battle Mountain.

This immense deposit of gray barite was opened up last year by engineer E. L. Ralston, for the Chemical and Pigment Co. of Oakland. In '34, with a $\frac{1}{2}$ yd. gas shovel, he excavated a 2 mile 10% grade winding mountain road, for \$2500, opened the quarry, and shipped 3000 tons. He is back this season shipping over 100 tons a day for a "5000 ton stock pile" at the Oakland plant/