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Item 1
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capacity of 25 tons per day, but, due to the softness of the ore, the maximum capacity is 38 tons. Mill equipment includes a jaw-crusher (8 by 10 inches), a Marcy ball mill (42 inches by 5 feet) in closed circuit with a Dorr simplex classifier, a Clark-Todd amalgamator between the ball mill and the classifier, an amalgamation plate, and a Wilfley concentrating table. Power for milling is furnished by a Diesel-powered electric generator and electric motor-driven units.

BOTTLE CREEK DISTRICT

The Bottle Creek district is on the east slope of the Jackson Mountains 65 miles by road northwest of Winnemucca, the nearest shipping point and supply center. In September 1936 cinnabar was discovered by the Scossa brothers, James and Arnold, of Winnemucca in the foothills of the Jackson Range about 3 1/2 miles northwest of lower Bottle Creek ranch. Shortly after this discovery a large number of locations were made, but most of the work has been confined to the Red Ore and White Peak groups of claims owned by the Scossa brothers. In July 1937 the Scossa claims were sold to John A. Fulton, of Reno, and associates. No production of quicksilver had been made up to the time of the writer's visit.

Red Ore and White Peak Groups

The Red Ore group comprises four unpatented claims and two fractions and the White Peak group three unpatented claims. These two groups of claims are separated by other holdings. Cinnabar was first discovered in the form of float, and the sources of the float were traced by panning. Placer nuggets of cinnabar up to 3 inches in diameter have been found on bedrock in a layer of coarse, well-rounded gravel about 18 inches thick covered with fine sand and detrital material ranging in thickness from a few feet to probably 60 feet.

Development work on the cinnabar deposits consist of three shallow shafts, the deepest of which is 30 feet, and several short adits and surface trenches, totaling, in all, about 200 feet of workings. This work was done by hand methods. At the time of the writer's visit the only equipment on the property was a small gasoline hoist and camp accommodations for four men.

The cinnabar occurs as seams and as disseminations in a highly altered and fractured andesite and rhyolite. Samples of the ore show values ranging from 1/2 to 3 1/2 percent quicksilver. With the small amount of development work done, the showings are encouraging and the outlook for the area appears promising.

CENTRAL DISTRICT

The Central district is in the northern part of the Eugene Mountains on the Humboldt-Pershing County boundary. It is sometimes divided into the New Central district on the north and the Central district on the south. Pronto, a station on the Western Pacific Railroad, is about 8 miles to the