

Forshing Co.
519, 3(N), 33E

El Dorado

276

Item 6

2410 006

The El Dorado property consists of 1 unpatented lode claim situated in a small canyon immediately north of El Dorado Canyon on the west flank of the Humboldt Range, about 3 miles east of Highway 40 and 10.5 miles south of Imlay, a division point on the Southern Pacific Railroad.

Rocks exposed on the property consist of a wide shale belt underlain by massive blue limestone which is interbedded with schist. The sediments strike north and dip 45° to 50° west. These formations are cut by a quartz vein that varies in width from a few feet to 35 feet, strikes N.60°W. and dips 60°S. Branching from this vein are a series of bedding veins varying from a few inches to 10 feet wide. Many of the veins are bounded by breccia zones and gouge.

Scheelite mineralization occurs finely disseminated and in crystal masses in small, isolated lenticular sections in gouge near the limestone contact.

Development on the property consists of 5 adits that vary from 30 to 220 feet in length, a 20 foot shaft, and 4 small pits and trenches, all of which are confined to an area 400 feet wide and 900 feet in length, they were excavated years ago in the search for silver, lead, and copper. The tungsten working is confined to a small stop in the main adit.

Samples taken from the stopes area indicate an ore grade about 1.8 percent WO₃.

Approximately 2 tons of ore was selectively mined and sorted to a grade of 4.0 percent WO₃. No work has been done on the property since 1963.

Esther USBM Unpubl. data, 1963

~~The Esther tungsten property consists of 1 unpatented lode claim situated near the head of Black Canyon about 25 miles northwest of Lovelock, the supply and shipping point on the Southern Pacific Railroad.~~

~~Rocks exposed on the property are granodiorite in which a small block of hornfels remains as a pendant. The pendant area is 50 to 100 feet wide and 300 feet in length. It strikes N.45°W. and dips 60°SW. In this area, the sediments are metamorphosed and almost completely altered to epidote and quartz.~~