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7.8.43

Report by: Ray C. Treasher
Date : 19 November 1943

BLACK WARRIOR CHROMITE

Upper Applegate area
Jackson County

Owner: H. C. Whitney, Jacksonville, Oregon.

Location: Sec. 32 and 33, T. 40S, R. 1W. At an altitude of 6100 feet, on a steep point on the south slope of Cow Creek.

Area: One claim held by location.

History: This property was worked by Baker Brothers & Jones, and about 16 tons of ore were shipped in 1942. It is reported that additional ore was found late in 1943.

Geology: The chromite is found in a tabular body of peridotite. An adit trending N.80°E, has been driven 50 feet along a line of strong jointing which dips 60° to the North. At the face of the adit, a zone of crushed rock striking S.80°E, and dipping 26° South is found. Some ore lies on the north side of the crushed rock zone. The ore seems to ^{lie} lay as discontinuous lumps along this N.80°E. direction. Stringers and small lumps of chromite are exposed for 200 feet down the cliff.

Some of this ore which was shipped to the stock pile at Grants Pass, was rejected as being of too low-grade, and a small mill was built east of Grants Pass, on Bloody Run, to concentrate the ore to commercial grade. Early in the spring, an old gold mill north of Coleston Springs was re-vamped for a 'chrome concentrator, but no ore was run through it. Late in the fall, Owen Jones reported that a moderately large sized body of chromite was found just over the hill.

Informants: G. A. Rynearson, and F. G. Wells.