

Survey No. 137

CHAINS

This mine is situated on the southern slope of a mountain formerly known as "Piney" but now known as Nickel Mountain, about eight miles westerly of Canyonville and about three and a half miles westerly of Riddle Station on Oregon and California Rail Road. This mountain has an elevation of 3400 ft. above the sea, and 2640 ft. above Riddle Station. The mountain is timbered with pine principally, some fir, cedar and oak.

Description of Ore Bodies

The nickel and chrome ores occurring at these mines are an hydrate silicate of nickel and manganese similar in all respects to the New Caledonian ore and is found in beds as deposits, some places covering an area of ten acres or more, the area of deposits being judged by the out-croppings characteristic of nickel ores. In places is found a good quality of chrome iron, a very fine quality of chrysoprase has also been found.

The country rock is a serpentine. A large amount of development has been done by the claimants by way of running open cuts, adits, sinking shafts and quarries. Anyone that has a knowledge of the geological formation of minerals can see, by examining the different openings made by the claimants, that the ores assume the formation of beds, deposits or horizontal strata varying in thickness from two inches to six or seven feet.

In no place does the development show indications of a vein or lode formation and I am satisfied that there is no vein or lode within the boundaries of this claim. There is no well known system of lode deposits or of individual lodes nearer than five miles of this mine.

The centers of trade are Canyonville and Riddle.

There has not been any water brought upon the mine for the purpose of placer mining. It has not been the intention of the claimants to mine this mine as a placer gold mine. The mineral sought for is in the form of ores and, being in beds or deposits, will have to be mined by open cut and quarries.

The soil of this mountain is highly colored with oxide of iron and is not of a productive nature and totally unfit for cultivation.

All of which is respectfully submitted.

W. F. Briggs

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to before me this 24th day of November, A. D. 1886.

Chas. Bealman

Justice of the Peace.