

Owners: H. J. Johnson and F. C. Hachenev.

Location: On the northwest side and near the top of Cinnabar Mountain, approximately five miles south of Mt. Vernon, Oregon. The property is reached by a country road which leaves the John Day Highway a short distance west of Mt. Vernon and Riley Creek and extends to the foot of Cinnabar Mountain, on its west side, after which there is a long steep climb up to the claim. Another route to the property is along a country road which leaves the John Day Highway a short distance east of Mt. Vernon and ascends part of the east side of Cinnabar Mountain along Harper Creek.

Area: The property consists of one claim, "The Viewpoint", which was recorded in Canyon City November 23, 1936, and six claims located in November and December 1936, which have not yet been recorded. The westernmost of these contain some timber and a spring.

Geologic Conditions: While few outcrops were encountered on the ascent from Riley Creek to the claims high up on Cinnabar Mountain, the rocks that compose this mountain may be best seen just west of the creek. They appear to be very fine grained basalts and interbedded sediments, the latter having been metamorphosed to argillite and slates. They strike N.55° W. to S.55° E., and the dip is vertical. Rocks with practically the same strike and dip underlie the cover of soil and hillside wash on Cinnabar Mountain.

The east vein (which outcrops higher on the mountain) contains the only known occurrence of cinnabar in the area. Cinnabar is reported to have been taken from this vein between 1870 and 1900 by miners who used the mercury to extract the gold in their placer mining operations.

The vein has been uncovered for only a short distance and is about two feet wide where exposed. About 110 feet of tunnel has been dug in the general direction of the strike of the vein, but not exactly on the vein. No cinnabar was seen in this tunnel and only a small speck of the mineral was found on the dump.

Informant: D. K. McKay(10/31/37).

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