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The results of 6 samples taken above the vein in the adit level over widths of 0.5 to 2.5 feet averaged 1.69 percent WO₃. The continuation of the ore shoot below the adit level has not been explored.

*W. Pine Co.
S24, 15N, 68E*

Black Horse

(324)

Item 3

The Black Horse property consists of 2 unpatented lode claims, the Gold King 1 and 2, situated on the west slope of the Ruby Range 5½ miles by road southeast of Ely, the supply and shipping point.

Rocks in the area consist of limestone which are interbedded with carbonaceous shale. The formations strike 03° S. and dip 65° NW. The formations have been folded and cut by faults parallel to the bedding and by the Black Horse post mineral fault that strikes N. 25° to 45° E. and dips 50° to 70° SE. Two or possible 3 veins occur within a zone 100 to 150 feet wide. These veins are essentially parallel to the bedding and are lenticular and discontinuous. They consist of quartz, some carbonates, silicates and iron oxides.

Scheelite mineralization occurs disseminated in the quartz-calcite veins along bedding plane faults. The veins pinch and swell along the strike and down dip and vary from a knife edge to about 3 feet in width. These veins have been mined to a depth of 120 feet.

Development openings on the property consist of a inclined shafts from which levels have been turned on the 100-165 and 200 foot levels. Exploratory opening in the form of drifts, cross-cuts and shafts total about 300 feet.

Above the 165 foot level approximately 750 tons of ore was raised that contained 2.0 percent WO₃.

No ore was developed on the 200 foot level. About 600 tons of inferred ore remains above the 165 foot level and may contain 0.6 percent WO₃.

One M.L.

USBM Unpubl. data, 1963