

MR 42-24

Koch-s Managanese - NE 1/4 Sec. 30, T. 32 N., R. 79 W., 11 mi.  
from Casper.

Discovery pit 10'x8' in the Casper limestone. The ore mineral is pyrolusite which has locally replaced limestone and limestone breccia. There appears to be no regularity to the occurrence, but the ore is in patches and pockets.

The occurrence is similar to the Marshall manganese, where it occurs in limestone. No chert here though.

The Casper dips about 20°-25° to the SE and is here blocky. The dip is an approximation due to the blocky character of the outcrop. Hill to the NW, so that this is near the base of a hill and the rock forms a dip slope.

More work will have to be done before anything about extent can be determined.

Road to within 1 mi. of deposit.

Koch's Mangnese - NE 1/4 S30, T32N R79W 1/4 section

<sup>14-27-42</sup> Discovery lot 12' x 2' in the lower limestone. The mineral is pyrolucite which is locally soft limestone and limestone breccia. There appears to be no regularity to the occurrence but the ore is in patches and pockets.

The occurrence is similar to the limestone, manganese which it occurs in limestone. The sheet here shows

The luster is about 20-30° to the SE and is like black. The ore is a bit irregular due to the peculiar character of the rock. It is near the base of a hill and the rock forms a

There must have been some before a certain amount can be determined.

hard to get out but of interest