

MR 4.2-26

Koch Hematite (Casper Mtn.) - S. 21, T. 32 N., R. 79 W.

There are 3 pits in the ore at this point and Mr. Koch says several more have been located W. of here. The ore is red hematite occurring with, and probably replacing, chert. At none of the 3 pits visited is the hematite free from chert.

It is not possible, from the area seen, to tell the trend of the ore. Mr. Koch, however, believes that it runs N-S. It is also not possible to determine the dip. The overburden varies from 0' to several ft.

The area is in a forest and is brush-covered except for an occasional small outcrop. There is a possibility that a considerable tonnage of silicious iron is present but much more trenching and pitting must be done to determine this.

Road to deposit - main road 1/2 mile away according to Mr. Koch.

Koch Marmate (Casper Mtn) S21, T32N, R79W.

15 Sept 1942 Because of its great elevation, high point and the

fact that several major streams have located W of lake.
There is no lake at the elevation with good probability
indicated, electric. It is one of the 3 factors which is the
most important.

It is not possible, from the area, to say with certainty
what type of lake it has. However, because there
is no lake, it is also not possible to determine
the depth. The lake has been described as being
about 1000 ft. deep, and is described as being
as a pond about 1000 ft. deep. There
is however, no information given as to what type of
bottom is present, but much more
information, etc.

Based on surface - remains in the water
according to the Hatch