

ASSAY REPORT ON MANGANESE SAMPLES FROM THE
MINE HILLS, ALBANY COUNTY, WYOMING

by
W. Dan Hausel
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Samples collected from Casper Formation sandstone and limestone in the Mine Hills contain massive fracture and breccia fillings of pyrolusite, psilomelane, and manganite. The manganese was mined in the early 1900s from sec. 10, T.26N., R.75W. (see Hausel, 1987). Associated with the manganese is an overlying thin bed of limestone containing abundant chert (agates) and minor jasper.

The following samples were assayed (nd=not detected).

Sample no.	Description	Mn (%)	Au (ppm)	Ag (ppm)
MN1-88	Massive manganese in sandstone	29.8	nd	nd
MN2-88	Massive manganese in sandstone	26.9	nd	nd
MN3-88	Massive manganese in sandstone	21.0	nd	nd
MN4-88	Jasperoid with minor manganese in sandstone	1.18	nd	nd

Reference Cited

Hausel, W.D., 1987, The geology and occurrence of critical strategic metals (chromium, cobalt, manganese, and platinum) in Wyoming: Geological Survey of Wyoming Open-File Report 87-7.