REFERENCES

EUGSTER, H. P. (1957) Heterogeneous reactions involving oxidation and reduction at high pressures and temperatures. J. Chem. Phys. 26, 1760.

GREIG, J. W. (1927) Immiscibility in silicate melts. Amer. J. Sci., 13, 1-44, 133-154.

Kennedy, G. C., G. J. Wasserburg, H. C. Heard and R. C. Newton (1962) The upper three-phase region in the system SiO₂-H₂O. *Amer. J. Sci.* **260**, 501–521.

Muan, A. (1963) Silver-palladium alloys as crucible material in studies of low-melting iron silicates. *Amer. Ceram. Soc. Bull.* **46**, 344-347.

PARK, C. F. (1961) A magnetite "flow" in Northern Chile. Econ. Geol. 56, 431-436.

YODER, H. S. (1950) The high low quartz inversion up to 10,000 bars. Trans. Amer. Geophys. Union. 31, 827-835.

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ARTINITE FROM GABBS, NEVADA: A CORRECTION IN LOCATION

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Artinite has been reported as occurring in the "workings of Basic Magnesium Inc. at Luning, Nevada" (Hurlbut, 1946). The specimens of artinite, and associated brucite and hydromagnesite, described in the above article definitely must have come from the brucite deposits at Gabbs, which is 32 miles northeast of Luning. There are no known brucite deposits at or near Luning. Luning is the railhead for Basic Inc. mining and calcining operations at Gabbs, and the company maintains loading facilities there, which probably explains the confusion in assigning the locality.

The brucite bodies are in the north-central part of Sec. 35, T. 12 N., R. 36 E. on the west flank of the Paradise Range, about a mile and a half east of Gabbs in northwesternmost Nye County. The artinite and more abundant hydromagnesite are weathering products derived from the brucite, and are present as a 10- to 15-foot blanket over the brucite, and as veinlets extending to much greater depths. The geology of the Gabbs magnesite-brucite deposit is described in the AIME Graton-Sales Volume, Ore Deposits of the United States, 1933–1965 (in press).

REFERENCE

HURLBUT, C. S., JR. (1946) Amer. Mineral. 31, 365.