**FERRIMOLYBDITE**  
$\text{Fe}^{3+2}(\text{Mo}^{6+}\text{O}_4)_3\cdot 8\text{H}_2\text{O}$

A common alteration product of molybdenite.  
Northern Peninsula.

**Marquette County:** Michigan mine, NE ¼ section 35, T48N, R28W: As powdery yellow coatings on molybdenite from an exploration trench near the east end of the deposit (M.P. Basal, personal communication, 1999). Verified by energy dispersion X-ray spectrometry.