

Alleghanyite - $\text{Mn}^{2+}_5(\text{SiO}_4)_2(\text{OH})_2$

Hardness: 5.5 Cleavage: Distinct/good. Decomposes in 1:1 HCl:H₂O solution, with deposition of silica.

References

Mindat: <https://www.mindat.org/min-129.html>

Handbook of Mineralogy: <https://www.handbookofmineralogy.org/pdfs/alleghanyite.pdf>

Deeson, A., Ed. (1973) The Collector's Encyclopedia of Rocks & Minerals, 288 p. Clarkson N. Potter, Inc., New York.