

Luddenite - $\text{Cu}_2\text{Pb}_2\text{Si}_5\text{O}_{14} \cdot 4\text{H}_2\text{O}$

Hardness: 4. Cleavage: Distinct/good. Attacked by HCl. May be sensitive to alkalis, NH_3 or dithionite.

References

Mindat: <https://www.mindat.org/min-2450.html>

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

Duthaler, R. and Weiß, S. (2024) Mineral Cleaning for Collectors, 3rd Edition, 190 p. Duthaler, Switzerland.