

Boggsite - $\text{Ca}_8\text{Na}_3(\text{Si},\text{Al})_{96}\text{O}_{192}\cdot 70\text{H}_2\text{O}$

Hardness: 3.5. Cleavage: No observed. Overall good resistance to acids, including HCl. Use oxalic acid for derusting and ascorbic acid to remove manganese hydroxide/oxides.

References

Mindat: <https://www.mindat.org/min-704.html>

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

Betts, J. (2023) Mineral cleaning for amateurs.

www.johnbetts-fineminerals.com/jhbnyc/articles/minclean.htm

Tschernich, R. (1992) Zeolites of the World, 597 p. Geoscience Press, Inc., Phoenix, Arizona.

<https://www.mindat.org/reference.php?id=1118707>