

## New Hampshire mineral species listed on mindat.org that are not on this mindatnh.org list

I have not included New Hampshire species listed on the mindat.org web site that:

- That are followed by a “?”
- That are in ‘quotes’
- That are ~~struck out~~
- That were only identified from a deep drill core or a thin section study.
- That are varietal names, preceded by a “var.”
- That are just visually identified with no supporting data.

Mindat.org listed species	Not on mindatnh.org because
Alunite	Found in a core drill section
Baddeleyite	Reported by Van King from Ham-Weeks, Wakefield. No supporting data, despite request. A ZrO <sub>2</sub> mineral
Celestine	Found in a core drill section
Chromite	From a 1905 geologic report. No known specimens, or supporting data/analysis. I deem unsubstantiated
Cobaltite	Found in a core drill section
Ferri-kearsuitite	From Journal of Petrogology – likely from a thin section observation
Ferro-edenite	From Journal of Petrogology – likely from a thin section observation
Ferro-ferri-hornblende	From Journal of Petrogology – likely from a thin section observation
Ferro-katophorite	From Journal of Petrogology – likely from a thin section observation
Ferro-richterite	From Journal of Petrogology – likely from a thin section observation
Ice	Seriously !!
Kalinite	From Red Hill, no data or reference provided
Kaersuitite	From Red Hill, no data or reference provided
Lepidocrocite	Found in a core drill section
Margarite	Journal of Petrology reference from Orford & Canan. Likely a thin section observaton
Molybdite	No reference given. Ferri-molybdite is included on mindatnh.
Paulscherreite	A visual ID of a uranium mineral. I deem unsubstantiated
Pseudobrookite	Microprobe result from a White Mtn. dyke rock. No supporting specimen or published data
Rontgenite	Found in a core drill section
Rozenite	Found in a core drill section
Wavellite	R&M locality index: Jackson Tin Mines. A dubious very old attribution. No valid examples known.
Westerveldite	A nanoscale mineralogy reference.
Wollastonite	Found in a core drill section

## Mineral species listed on mindat.org that are possibly valid for New Hampshire

Mindat.org listed species	Reference
Amesite	Meyers & Stewart, 1956. Geology of NH, Part III - Plainfield
Arsenolite	Rocks & Min.:64:504.; Rocks & Minerals 80:4 pp234-241 Parker Mtn.
Chlorapatite	Nizamoff – Palermo 1 & 2. Follow-up needed here.
Clarkeite	Two inconclusive-ambiguous reserences
Dewindite	Listed for the New London, Rt. 89 locality, but no reference given
Diadochite	Analyses of 6 NH specimens showed no sulfur, essential for diadochite. No valid examples known.
Djurlite	A copper sulfide reported from Palermo. No valid examples known.
Ferroqingheiite	Chemical analysis in Moore and Ito (1979) Min Mag 43:227. Qingheiite-Fe <sup>2+</sup> is associated with arrojadite-(KFe).
Grunerite	Reported in a Bates College thesis from Jackson Falls, Jackson. Link to thesis is broken
Hercynite	Reported from Osgood Mine, Nelson, by Rumble, and Chamberlain, (1988). "Graphite Vein deposits of New Hampshire"
Hollandite	Palermo #1, Rocks & Minerals 1981, Seiger et. al. No valid examples known.
Landesite	Palelmo #1, Phillip Morrill 1960. A Mn, Fe phosphate. No valid examples known.
Manganite	Palermo #1, Ref. Pegmatite Investigations. & Rocks & Minerals vol. 16. A Mn oxide
Mosandrite-Ce	Red Hill. Reference: Woolley, A.R. (1987), Alkaline Rocks and Carbonatites of the World. No valid examples known.
Parauranophane	Ruggles Mine. Fred Davis photo on mindat. Uranophane group. Follow-up needed here.
Sapphirine	Reported from Richmond by Schumacher and Robinson, 1987: Journal of Petrology 28 (6):1033-1073
Spinel	Reported from Richmond by Schumacher and Robinson, 1987: Journal of Petrology 28 (6):1033-1073. Also Deerfield
Tapiolite-Fe	Reported from Palermo #2, Whitmore's book. No valid examples known.
Tenorite	Reported from Orford by Meyers & Stewart, 1956. Geology of NH, Part III, p.73
Ulvospinel	Rice, et.al (1971): Skeletal Crystallization of Pseudobrookite (American Mineralogist 56:158-162.)