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**IMPACTITES 5**

<b>Sample #</b>	<b>Rock type</b>	<b>Crater setting</b>	<b>Description</b>	<b>Origin</b>
1	Norite	Crater-fill	Coarse-grained, clast-free impact melt rock	Sudbury impact structure
2	Lithic impact breccia	Proximal ejecta	Polymict, lithic impact breccia	Mistastin impact structure
3	Gniess (shocked)	Crater-fill	Clast from impact melt rock	Haughton impact structure
4	Shatter cone	Central uplift	Shatter cone in dolomite	Haughton impact structure
5	Impact melt-bearing breccia	Proximal ejecta	Polymict, melt-bearing impact breccia with large grey glass clast	Mistastin impact structure
6	Impact melt rock	Crater-fill	Clast-rich impact melt rock; matrix is carbonate melt and silicate glass, clasts are mostly carbonate	Haughton impact structure
7	Gniess (unshocked)	Outside crater	Unshocked Precambrian shield, 80 km from outside crater	Haughton impact structure
8	Chalcopyrite	Crater-fill	Impact-generated mineralization from base of crater-fill impact melt sheet	Sudbury impact structure
9	Impact melt rocks	Proximal ejecta	Vesicular, clast-free impact melt rock	Mistastin impact structure
10	Tektite	Distal ejecta	Glassy tektite	Muong-nong tektite strewn field
11	Tektite	Distal ejecta	Glassy tektite	Muong-nong tektite strewn field