



**MELT ROCKS**

<b>Sample #</b>	<b>Rock type</b>	<b>Crater setting</b>	<b>Description</b>	<b>Origin</b>
1	Impact melt rock	Crater-fill	Clast-rich impact melt rock; matrix is carbonate melt and silicate glass, clasts are mostly carbonate	Haughton impact structure
2	Impact melt rock	Proximal ejecta	Vesicular, clast-free impact melt rock	Mistastin Lake impact structure
3	Norite	Crater-fill	Coarse-grained, clast-free impact melt rock	Sudbury impact structure
4	Impact melt rock	Proximal ejecta	Clast-rich impact melt rock; red color from hematite alteration	Ries impact structure
5	Impact melt rock	Crater-fill	Clast-poor impact melt rock	Rochechouart impact structure
6	Tektite	Distal ejecta	Glassy tektite	Muong-nong tektite strewn field
7	Tektite	Distal ejecta	Glassy tektite	Muong-nong tektite strewn field
8	Granophyre	Crater-fill	Coarse-grained, clast-free impact melt rock	Sudbury impact structure
9	Impact melt rock	Proximal ejecta	Clast-rich impact melt rock	Mistastin Lake impact structure
10	Impact melt rock	Proximal ejecta	Clast-poor impact melt rock	Mistastin Lake impact structure
11	Pseudotachylite	Crater floor	Generated through faulting in crater floor; not an impact melt rock but a fault rock	Sudbury impact structure
12	Impact melt rock	Crater-fill	Clast-free, medium-grained impact melt rock	West Clearwater Lake impact structure