



**IMPACTITES 7**

<b>Sample #</b>	<b>Rock type</b>	<b>Crater setting</b>	<b>Description</b>	<b>Origin</b>
1	Shatter cone	Central uplift	Shatter cone in dolomite	Haughton impact structure
2	Impact melt rock	Proximal ejecta	Vesicular, clast-free impact melt rock	Mistastin impact structure
3	Tektite	Distal ejecta	Glassy tektite	Muong-nong tektite strewn field
4	Impact melt rock	Proximal ejecta	Hydrothermally altered impact melt rock	Mistastin impact structure
5	Impact melt rock	Proximal ejecta	Clast-rich impact melt rock	Ries impact structure
6	Gniess (shocked)	Crater-fill	Clast-rich impact melt rock; red color from hematite alteration	Haughton impact structure
7	Impact melt rock	Crater-fill	Clast-rich impact melt rock; matrix is carbonate melt and silicate glass, clasts are mostly carbonate	Haughton impact structure
8	Impact melt rock	Proximal ejecta	Clast-poor impact melt rock	Mistastin impact structure
9	Gniess (unshocked)	Outside crater	Unshocked Precambrian shield, 80 km from outside crater	Haughton impact structure
10	Impact melt rock	Crater-fill	Clast-free impact melt rock	Rochechouart impact structure