

**RIES**

<b>Sample #</b>	<b>Rock type</b>	<b>Crater setting</b>	<b>Description</b>	<b>Origin</b>
1	Glass	Proximal ejecta	Glass-clast from impact melt-bearing breccia	Ries impact structure
2	Limestone	Post-impact crater lake	Post-impact crater lake deposit; fossiliferous	Ries impact structure
3	Impact melt-bearing breccia	Crater-fill	Melt-poor impact melt-bearing breccia (from drill core)	Ries impact structure
4	Impact melt-bearing breccia	Proximal ejecta	Polymict, melt-bearing impact breccia	Ries impact structure
5	Granite (shocked)	Proximal ejecta	Clast from impact melt-bearing breccia	Ries impact structure
6	Impact melt-bearing breccia	Proximal ejecta	Polymict, melt-bearing impact breccia	Ries impact structure
7	Impact melt-bearing breccia	Proximal ejecta	Polymict, melt-bearing impact breccia	Ries impact structure
8	Limestone	Post-impact crater lake	Post-impact crater lake deposit; fossiliferous	Ries impact structure
9	Gniess (shocked)	Central uplift	Gniess from central uplift (inner ring)	Ries impact structure
10	Impact melt rock	Proximal ejecta	Clast-rich impact melt rock; red color from hematite alteration	Ries impact structure
11	Lithic impact breccia	Proximal ejecta	Monomict, lithic impact breccia	Ries impact structure
12	Lithic impact breccia	Proximal ejecta	Polymict, lithic impact breccia	Ries impact structure