



**SUDBURY**

<b>Sample #</b>	<b>Rock type</b>	<b>Crater setting</b>	<b>Description</b>	<b>Origin</b>
1	Onaping Formation	Crater-fill	Syn-impact breccia	Sudbury impact structure
2	Onaping Formation	Crater-fill	Syn-impact breccia	Sudbury impact structure
3	Quartz diorite	Crater floor	Offset dyke where impact melt intruded into crater floor	Sudbury impact structure
4	Granophyre	Crater-fill	Coarse-grained, clast-free impact melt rock	Sudbury impact structure
5	Sublayer	Crater-fill	Clast-rich impact melt rock from base of impact melt sheet	Sudbury impact structure
6	Shatter cone	Central uplift	Shatter cone in quartz arenite	Sudbury impact structure
7	Pseudotachylite	Crater floor	Generated through faulting in crater floor; not an impact melt rock but a fault rock	Sudbury impact structure
8	Norite	Crater-fill	Coarse-grained, clast-free impact melt rock	Sudbury impact structure
9	Chalcopyrite	Crater-fill	Impact-generated mineralization from base of crater-fill impact melt sheet	Sudbury impact structure