

Supplemental Table S2: Specific COR for trigonal and hexagonal minerals with *c*-axis in $\{111\}_{\text{garnet}}$

	CT (This study)		Austria (Griffiths et al. 2016)		Corresponding COR in Other Work
	Apatite	Ilmenite	Ilmenite	Corundum	
Total measured	31	187	100	180	C1a/I1a ¹
Total with <i>c</i> -axis in {111} _{garnet}	4	100	54	92	
<u>COR classifications</u>					
<i>c</i> -axis//<112> _{garnet} (± 5°), with one <i>a</i> -axis//<111> _{garnet} (± 5°)	1	16	21	62	
<i>c</i> -axis//<112> _{garnet} (± 5°), with one <10 $\bar{1}$ 0>//<111> _{garnet} (± 5°)	n.o.	9	3	6	
<i>c</i> -axis//<110> _{garnet} (± 5°), with one <i>a</i> -axis//<111> _{garnet} (± 5°)	1	10	3	2	C1a/I1a ¹
<i>c</i> -axis//<110> _{garnet} (± 5°), with one <10 $\bar{1}$ 0>//<111> _{garnet} (± 5°)	n.o.	12	n.o.	n.o.	

Notes: n.o. = not observed. Totals are raw numbers of lamellae with the COR. ¹Griffiths et al. (2016).