

Appendix 3. Vredefort Dome shock zircon PF orientation summary

Sample	grain	# of PFs	Exterior Planar Fractures								Interior Planar Fractures			
			(100)*	(010)*	(001)	(112) ₁ *	(112) ₂ *	(112) ₃ *	(112) ₄	(011)	(010)**	(112) ₁ **	(112) ₂ **	(011)
07VD08 M1	2	4		x		x					x		x	
09VD42 M1	213	6		x		x	x	x	x	x	x	x	x	x
09VD17 M1	10	4	x			x	x				x	x		
	11	3		x		x	x		x		x	x		x
	27	3		x		x	x							
	33	3		x		x	x							
	85	4	x	x		x	x				x	x	x	
	88	3		x		x	x					x		
	97	3		x		x	x					x	x	
	110	2				x	x					x		
	125	4	x	x		x						x	x	
	126	4	x	x		x	x					x		
	142	3		x		x	x				x	x		
	155	3		x		x	x					x	x	
	158	4	x	x		x	x				x	x		
	161	3		x		x	x					x		
	163	2				x	x					x	x	
	165	4	x	x		x	x					x	x	
	173	2				x	x					x		
	183	3		x		x	x							
	185	2				x	x					x		
	193	3		x		x	x					x	x	
	197	4	x	x		x	x					x		
09VD21 M1	18	3		x		x	x					x		
	144	3		x		x	x							
	189	4		x		x	x					x	x	
	190	3		x		x	x					x	x	
	195	3	x	x		x								
	245	4	x	x		x	x				x			
	246	4	x	x		x	x							
	249	5	x	x		x	x	x				x		
	280	3	x			x	x					x	x	
Total	32		11	26	0	32	30	2	1	2	5	25	13	2

*Note: (112)₁ first PF orientation, (112)₂ second, etc. (010) first c-axis parallel PF, (100) second.** Can't discern (100), (112)₃, (112)₄ within the interior.