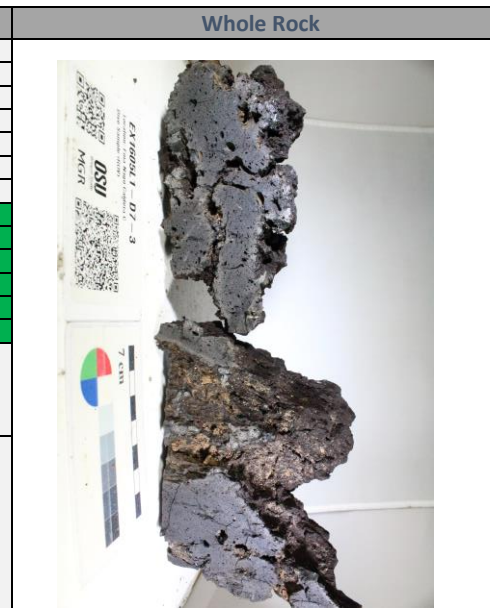
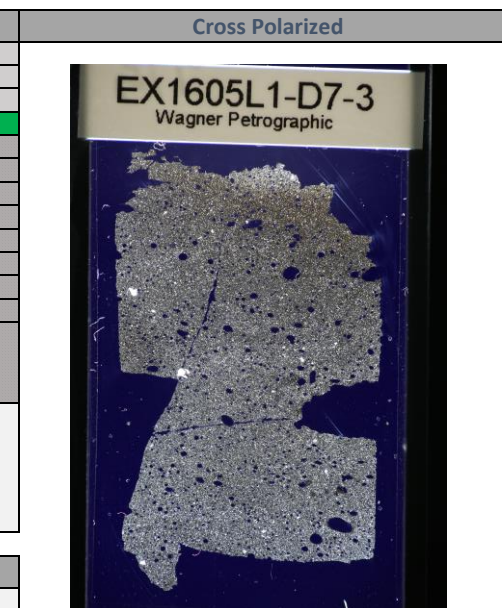


General Information			
Sample Name (IGSN)	EX1605L1-D7-3		
Describer	Kevin Konrad		
Sample Location	Fina Nagu Caldera		
Lithology prefix			
General Lithology	basalt		
Texture 1	vesicular		
Texture 2	subtrachytic		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	90	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	10	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	90	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	10	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	An aphyric and vesicular basalt. Sample contains regions of slight alteration around major fractures and voids. Sample preserves some flow features. Very thin glassy rims can be found in some areas.		
Thin Section Summary	A fine grained basalt with a few plagioclase microcrysts. The basalt seems to be somewhat fresh and the groundmass consists of plagioclase and clinopyroxene in a glassy mesostasis. Sample is vesicular with diameters ranging from 0.01 to 0.5 mm.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]		2					25	73
Present (%) [ Pr ]		2					25	66
Replaced / Filled (%) [ Rf ]		0					0	7
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.1					0.01	
Maximum Size (mm)		0.2					0.5	
Modal Size (mm)		0.15					0.2	
Shape		subhedral					rounded	
Habit								
Zonation Type		twinning						
Zonation Extent								
Exsolution Type								
Special Features								
Comments							Roughly two populations, one small one larger. No infill	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		10		10				80
Present (%) [ Pr ]		10		10				80
Replaced / Filled (%) [ Rf ]		0		0				0
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.01		0.01				
Maximum Size (mm)		0.03		0.03				
Modal Size (mm)		0.03		0.03				
Shape		subhedral		subhedral				
Habit		laths		laths				
Comments								Potentially all glass