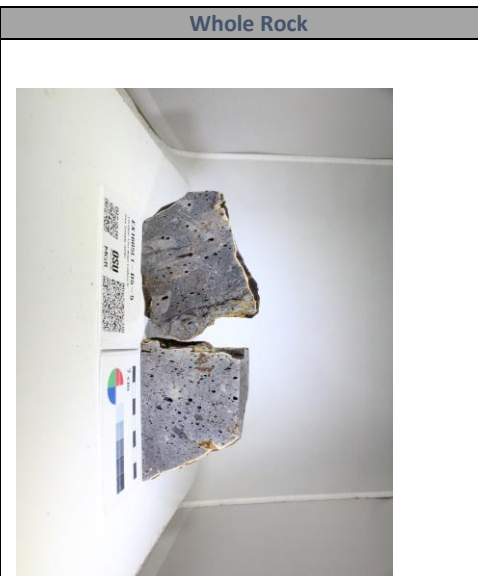
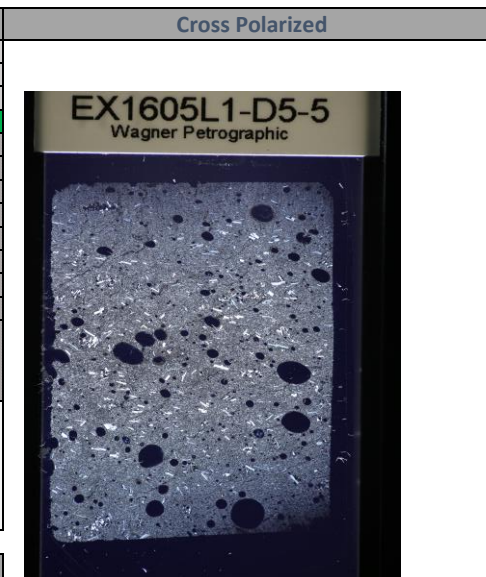


General Information			
Sample Name (IGSN)	EX1605L1-D5-5		
Describer	Kevin Konrad		
Sample Location	Fina Nagu Caldera		
Lithology prefix	plagioclase		
General Lithology	Basalt/andesite		
Texture 1	vesicular		
Texture 2	subtrachytic		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock 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 (%)	80	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	20	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A vesicular, plagioclase phyric basalt. Mostly fresh with some areas containing zones of more altered material.		
Thin Section Summary	A basalt with plagioclase and some finer clinopyroxene phenocrysts in a fairly altered fine grained matrix. Contains large rounded and unfilled vesicles. Groundmass consists of fine plagioclase laths within a greyish mesostasis.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]		10		3	2		20	65
Present (%) [Pr]		10		3	2		20	52
Replaced / Filled (%) [Rf]		0		0	0		0	13
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.25		0.15	0.15		0.2	
Maximum Size (mm)		0.5		0.25	0.2		1	
Modal Size (mm)		0.25		0.2	0.2		0.5	
Shape		ehedral		subhedral	subhedral		rounded	
Habit								
Zonation Type		twinning, sector						
Zonation Extent		pervasive						
Exsolution Type								
Special Features		Sector zoning not common						
Comments					Found only within some glomerocrysts		Unfilled	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [GI]	MSTASIS [Ms]
Original (%) [Or]		20		5				80
Present (%) [Pr]		20		5				80
Replaced / Filled (%) [Rf]		0		0				0
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.01		0.001				
Maximum Size (mm)		0.02		0.002				
Modal Size (mm)		0.01		0.002				
Shape		ehedral		subhedral				
Habit								
Comments		Thin, elongated grains		Little birefringent specks				Difficult to ascertain how altered the mesostasis is