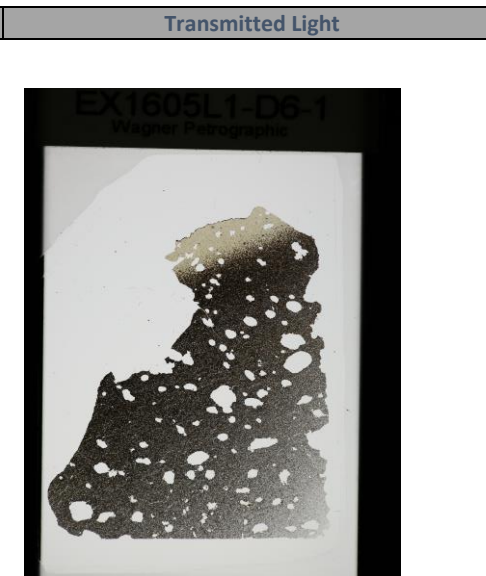
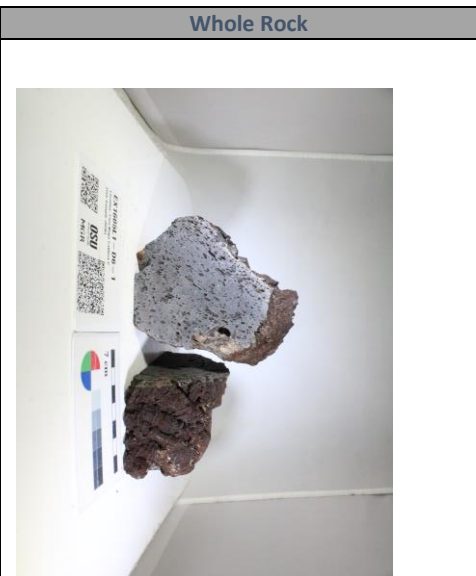


General Information			
Sample Name (IGSN)	EX1605L1-D6-1		
Describer	Kevin Konrad		
Sample Location	Fina Nagu Caldera		
Lithology prefix	glassy		
General Lithology	basalt		
Texture 1	vesicular		
Texture 2	altered		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	95	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	5	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	A vesicular basalt with distinct and perserved lava flow textures on the surface. Sample appears to be aphyric with perhaps a few plagioclase phenocrysts.		
Thin Section Summary	A basalt with a few plagioclase microcrysts in a matrix of plagioclase, clinopyroxene, and a glassy mesostasis. Section contains a relatively fresh glassy rim, which grades towards a cryptocrystalline groundmass towards the core. The rock has large vesicles with rims of more altered groundmass.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]		2					20	78
Present (%) [Pr]		2					20	70
Replaced / Filled (%) [Rf]		0					0	8
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.15					0.2	
Maximum Size (mm)		0.25					1	
Modal Size (mm)		0.15					0.5	
Shape		subhedral					irregular shaped	
Habit								
Zonation Type		twinning						
Zonation Extent								
Exsolution Type								
Special Features								
Comments							Unfilled but contain alteration of the groundmass are the vesicles.	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]		20		15			25	40
Present (%) [Pr]		20		15			25	30
Replaced / Filled (%) [Rf]		0		0			0	10
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		euhedral		subhedral				
Habit								
Comments		Thin, elongated grains		Little birefringent specks			Relatively fresh glass at the rim of the sample.	Difficult to ascertain how altered the mesostasis is