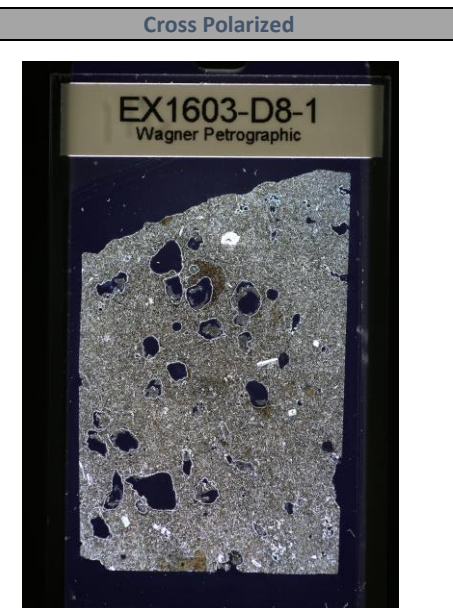


General Information			
Sample Name (IGSN)	EX1603-D8-1		
Describer	Kevin Konrad		
Sample Location	Hohonu Moana		
Lithology prefix	plagioclase		
General Lithology	basalt		
Texture 1	vesicular		
Texture 2	altered		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	60	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	40	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	60	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	40	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A fine grained plagioclase basalt with unfilled vesicles and a moderately thick Mn-rind.		
Thin Section Summary	A plagioclase phyric basalt with a groundmass composed of finer plagioclase and altered mesostasis. Sample is vesicular with some coating and infill of secondary crystallization.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]		10					15	75
Present (%) [Pr]		7					13	50
Replaced / Filled (%) [Rf]		3					2	25
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.5					0.5	
Maximum Size (mm)		0.85					1.25	
Modal Size (mm)		0.7					0.75	
Shape		subhedral					rounded	
Habit								
Zonation Type		albite twinning						
Zonation Extent								
Exsolution Type								
Special Features								
Comments							Coating on all vesicles. Some contain clay rich infill	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]		15				10		75
Present (%) [Pr]		12				10		50
Replaced / Filled (%) [Rf]		3				0		25
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.2				0.2		
Maximum Size (mm)		0.3				0.4		
Modal Size (mm)		0.2				0.2		
Shape		subhedral				subhedral		
Habit								
Comments						Vary from euhedral to elongated grains		Seems like altered glass