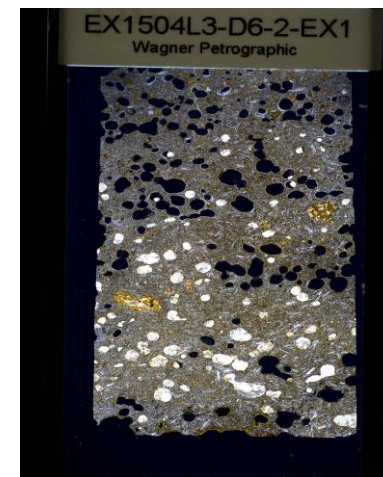


General Information			
Sample Name (IGSN)	EX1504L3-D6-2		
Describer	Kevin Konrad		
Sample Location	Ellis Seamount		
Lithology prefix	plagioclase		
General Lithology	basalt		
Texture 1	vesicular		
Texture 2	sub-trachytic		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	30	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	70	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	10	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	90	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A highly vesicular basalt with almost complete calcite infilling throughout. Thin section represents a section with minimal alteration. Sample is mostly altered although some fresher locations exists. Iddingsite grains are occasionally present (~1%).		
Thin Section Summary	A plagioclase rich basalt with subtrachytic textures. Few olivine microcrysts exist that are almost completely recrystallized to iddingsite. Vesicles are semi-circular and either contain coated alteration or complete calcite infill. Plagioclase are long and lath like in structure. Groundmass consists of plagioclase, iddingsite and altered mesostasis		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]	Cross Polarized
Original (%) [ Or ]		3					30	67	
Present (%) [ Pr ]		3					29	7	
Replaced / Filled (%) [ Rf ]		0					1	60	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK	
Minimum Size (mm)		0.4					1		
Maximum Size (mm)		1.2					1.2		
Modal Size (mm)		0.4					1		
Shape		sub-euhedral					rounded		
Habit		lath like							
Zonation Type		twinning							
Zonation Extent									
Exsolution Type									
Special Features									
Comments							minor alteration coating		



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]	20	50						30
Present (%) [ Pr ]	0	45						0
Replaced / Filled (%) [ Rf ]	20	5						30
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.1	0.05						
Maximum Size (mm)	0.4	0.4						
Modal Size (mm)	0.2	0.2						
Shape	anhedral	subhedral						
Habit								
Comments	All iddingsite							