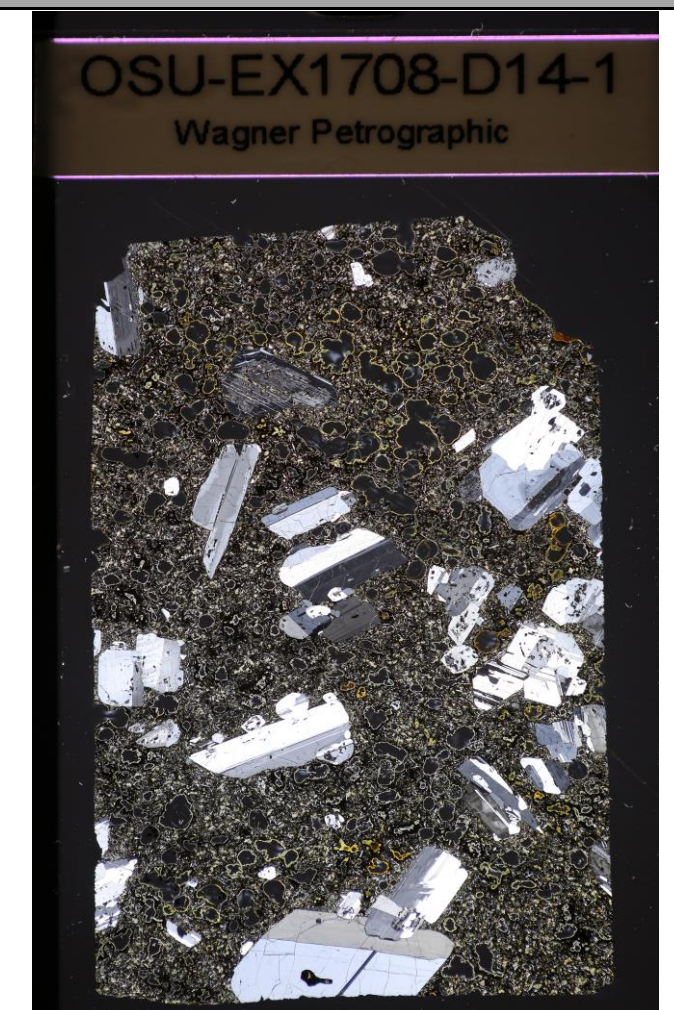


General Information			
Sample Name (IGSN)	EX1708-D14-1		
Describer	Kevin Konrad		
Sample Location	Liszt Seamount		
Lithology prefix	Plagioclase		
General Lithology	Basalt		
Texture 1	Vesicular		
Texture 2	Heavily Altered		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	50	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	50	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	40	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	60	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A plagioclase basalt with very coarse (up to 1 cm diameter) phenocrysts. Groundmass is very fine grain, likely cryptocrystalline. The basalt fines upward with a altered glassy rind. Vesicle infilling common on the rind and rare in the interior. A lot of material available.		
Thin Section Summary	A plagioclase basalt with coarse plagioclase phenocrysts. The plagioclase contain albite twinning and some minor spongy textures. The groundmass consists of thin plagioclase clasts within an altered glass matrix. The sample is vesicular with palagonite rimming and little to no infilling.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]		30					20	
Present (%) [ Pr ]		28					18	
Replaced / Filled (%) [ Rf ]		2					2	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.5					0.25	
Maximum Size (mm)		10					1	
Modal Size (mm)		5					0.5	
Shape		Subhedral					rounded-irregular	
Habit								
Zonation Type		Albite Twinning-Sector						
Zonation Extent		Common-Rare						
Exsolution Type								
Special Features								
Comments							Palagonite rims on all grains. No other significant infilling.	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		30						70
Present (%) [ Pr ]		30						10
Replaced / Filled (%) [ Rf ]		0						60
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.01						
Maximum Size (mm)		0.1						
Modal Size (mm)		0.05						
Shape		subhedral						
Habit		Laths						
Comments								Difficult to tell how altered. Mostly altered but also contains spinels.