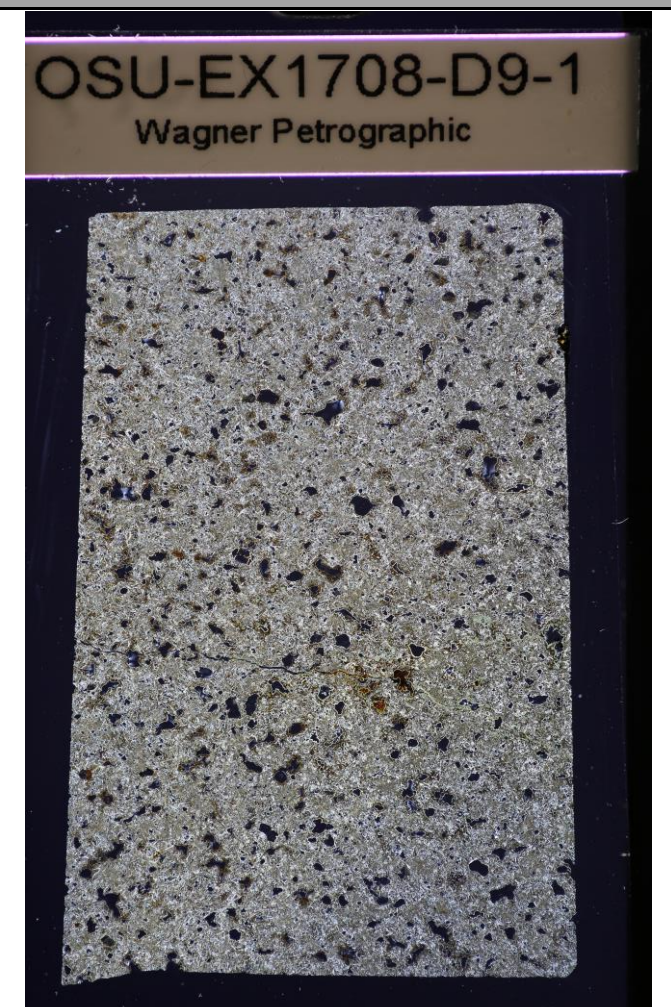


General Information			
Sample Name (IGSN)	EX1708-D9-1		
Describer	Kevin Konrad		
Sample Location	Verdi Seamount		
Lithology prefix			
General Lithology	Basalt		
Texture 1	Hypohyaline		
Texture 2	Highly altered		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	10	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	90	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 variably altered basalt with palagonite (+/- phosphorite) halo and a 2 cm thick FeMn crust. The sample becomes more altered and vesicular towards the edges.		
Thin Section Summary	An aphyric hypohyaline basalt with altered glass and plagioclase laths. The glass is altered to palagonite and Fe-oxide compounds. The plagioclase laths are relatively fresh and unaligned. The vesicles are palagonite rimmed with Fe-oxide alteration halos.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]							25	
Present (%) [ Pr ]							23	
Replaced / Filled (%) [ Rf ]							2	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)							0.2	
Maximum Size (mm)							0.5	
Modal Size (mm)							0.35	
Shape							irregular	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments							Palagonite rimmed	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		15					85	
Present (%) [ Pr ]		10					0	
Replaced / Filled (%) [ Rf ]		5					85	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.05						
Maximum Size (mm)		0.1						
Modal Size (mm)		0.075						
Shape		subhedral						
Habit		elongated laths						
Comments							Palagonite, clay and Fe-oxide alteration	