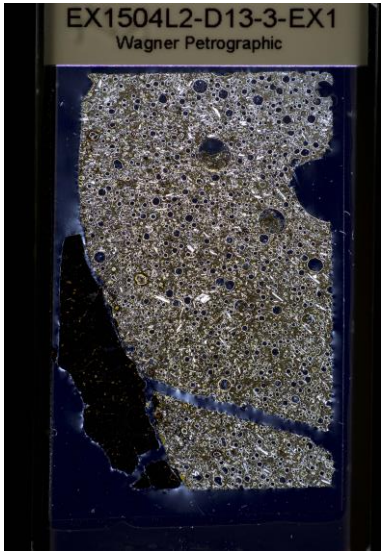
General Information			
Sample Name (IGSN)	EX1504L2-D13-3		
Describer	Kevin Konrad		
Sample Location	Unnamed Seamount		
Lithology prefix			
General Lithology	Basalt		
Texture 1	Vesicular		
Texture 2	Trachyitic		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	20	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	80	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	20	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	80	Check [Or = Pr + Rf]	OK
Whole Rock Summary	An altered basalt that grades into a highly altered hyaloclastite like lithology. The basalt contains a few coarser plagioclase grains. Sample has a thin Mn crust.		
Thin Section Summary	A plagioclase rich basalt with large vesicles in a highly altered matrix. Plagioclase are generally aligned. Vesicles have coating. Plagioclase varies in size from 0.02 mm to 0.75mm.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								20
Replaced / Filled (%) [Rf]								80
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments								

Cross Polarized



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]		20					80	
Present (%) [Pr]		20					0	
Replaced / Filled (%) [Rf]		0					80	
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.02						
Maximum Size (mm)		0.75						
Modal Size (mm)		0.05						
Shape		subhedral						
Habit		lath						
Comments								