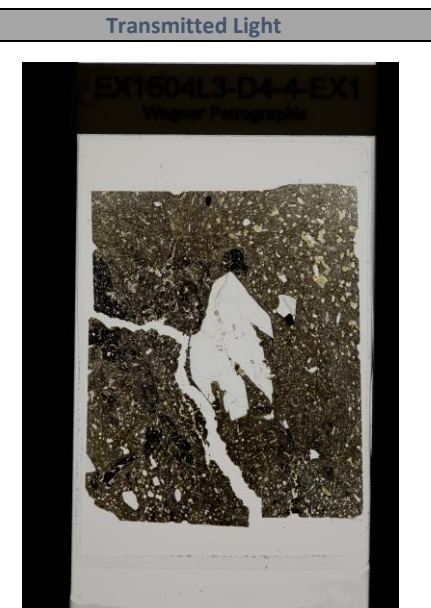
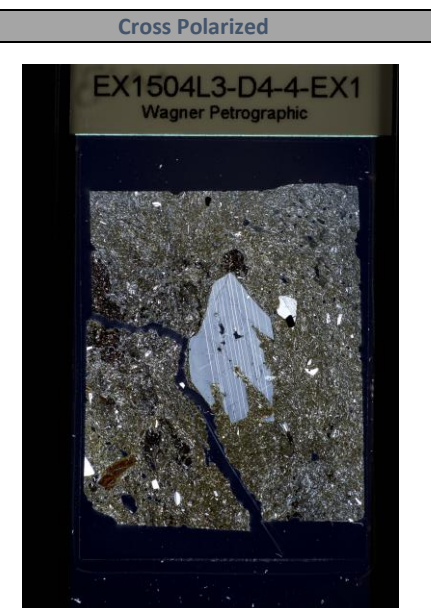


General Information			
Sample Name (IGSN)	EX1504L3-D4-4		
Describer	Kevin Konrad		
Sample Location	McCall Seamount		
Lithology prefix	plagioclase		
General Lithology	basalt		
Texture 1	trachytic		
Texture 2	altered		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	50	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	50	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gf + Ms = 100%]	OK
Total Groundmass Present (%)	40	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	60	Check [Or = Pr + Rf]	OK
Whole Rock Summary	An altered basalt with some plagioclase phenocrysts (some very large). The sample has other clasts and phosphorite adhered to the rim and likely represents a chunk of a larger conglomerate or hyaloclastite.		
Thin Section Summary	A trachytic basalt with rare coarse plagioclase phenocrysts. Plagioclase is typically fresh. Some irregularly shaped vesicles throughout. Groundmass consists of aligned plagioclase and altered matrix. Some small basaltic clasts are found within the groundmass.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]		8					10	82
Present (%) [Pr]		7					8	33
Replaced / Filled (%) [Rf]		1					2	49
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.4					0.1	
Maximum Size (mm)		6					0.3	
Modal Size (mm)		0.5					0.2	
Shape		subhedral					rounded	
Habit								
Zonation Type		twinning						
Zonation Extent								
Exsolution Type								
Special Features								
Comments		Some very coarse plagioclase but mostly 0.4-0.5mm					Some coating and minor infill	Basaltic clasts are similar to composition but are composed of darker glass



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gf]	MSTASIS [Ms]
Original (%) [Or]		20						80
Present (%) [Pr]		15						0
Replaced / Filled (%) [Rf]		5						80
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		lath						
Habit								
Comments		Aligned in trachytic texture						Altered.