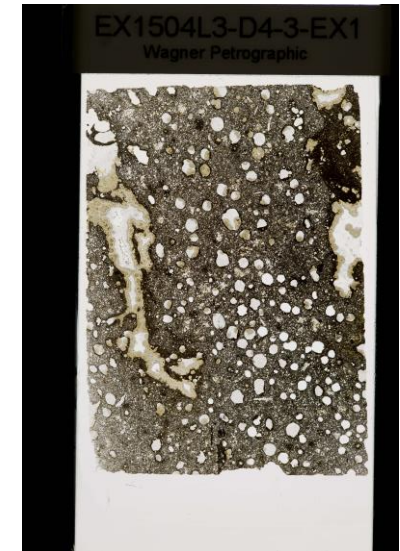


General Information			
Sample Name (IGSN)	EX1504L3-D4-3		
Describer	Kevin Konrad		
Sample Location	McCall Seamount		
Lithology prefix			
General Lithology	basalt		
Texture 1	aphyric		
Texture 2	vesicular		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	80	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	20	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	60	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	40	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A vesicular basalt (calcite infill) with a very fine grained groundmass. No phenocrysts are observed.		
Thin Section Summary	A aphyric basalt with vesicles and fractures with typically complete calcite infill. Groundmass is fine grained and heavily altered. Some fresher pockets exist in the groundmass.		

## Whole Rock

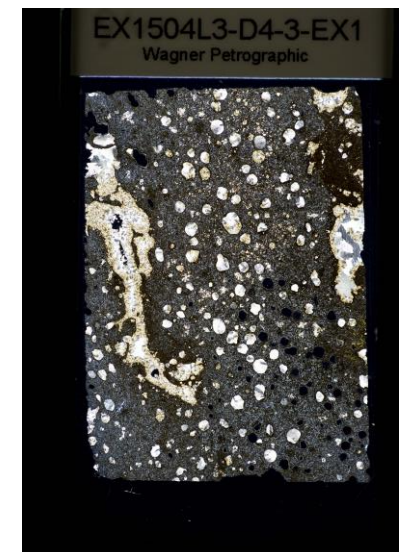


## Transmitted Light



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]							30	70
Present (%) [ Pr ]							2	42
Replaced / Filled (%) [ Rf ]							28	28
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)							0.01	
Maximum Size (mm)							2	
Modal Size (mm)							0.5	
Shape							rounded	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments							Multiple fillings including calcite, palagonite and yellow zeolite(?)	

## Cross Polarized



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		5					90	
Present (%) [ Pr ]		2.5					0	
Replaced / Filled (%) [ Rf ]		2.5					90	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.01			0.01			
Maximum Size (mm)		0.1			0.15			
Modal Size (mm)		0.1			0.1			
Shape		lath			lath			
Habit								
Comments		Some replacement throughout			Lath like opaques		Altered grey glass	