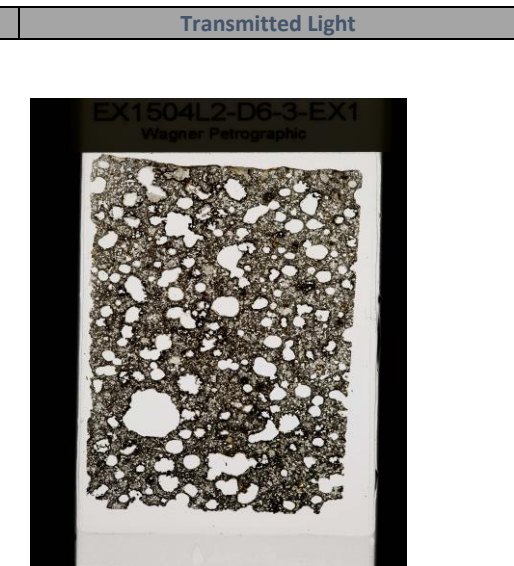
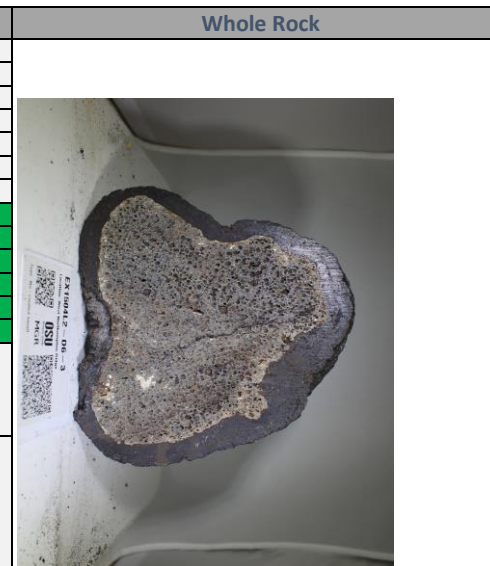


General Information			
Sample Name (IGSN)	EX1504L2-D6-3		
Describer	Kevin Konrad		
Sample Location	West Northampton Ridge		
Lithology prefix			
General Lithology	Basalt		
Texture 1	Vesicular		
Texture 2			
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	80	Check [ 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 (%)	90	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	10	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A highly vesicular basalt with few iddingsite grains (~3%). Some coarser plagioclases are found in the groundmass. Minimal vesicle infill and a Mn crust.		
Thin Section Summary	A vesicular basalt with rare clinopyroxene microcrysts. Groundmass consists of fairly coarse grained plagioclase, clinopyroxene and iddingsite. Vesicles are circular and partly infilled with alteration (possibly zeolite).		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]				1			40	59
Present (%) [ Pr ]				1			30	53
Replaced / Filled (%) [ Rf ]				0			10	6
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)				0.25			1	
Maximum Size (mm)				0.3			1.6	
Modal Size (mm)				0.27			1.2	
Shape				Euhedral			Circular	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments				Two small microcrysts observed in thin section			Some infill, zeolite?	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]	5	30		10				55
Present (%) [ Pr ]	1	30		10				10
Replaced / Filled (%) [ Rf ]	4	0		0				45
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.0025	0.003		0.003				
Maximum Size (mm)	0.003	0.01		0.005				
Modal Size (mm)	0.003	0.0075		0.004				
Shape	anhedral	euhedral		subhedral				
Habit		lath						
Comments	Primarily replaced by iddingsite							