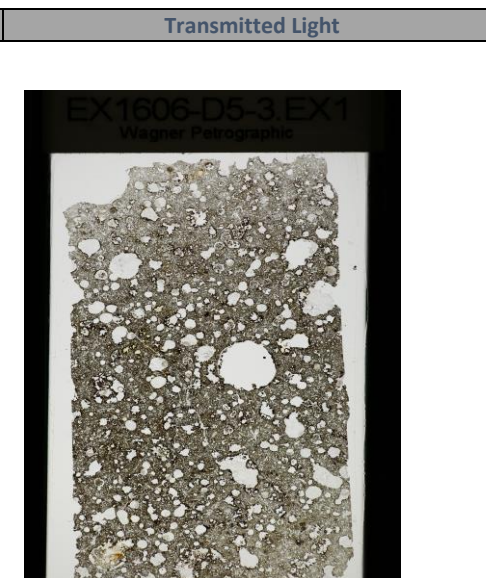
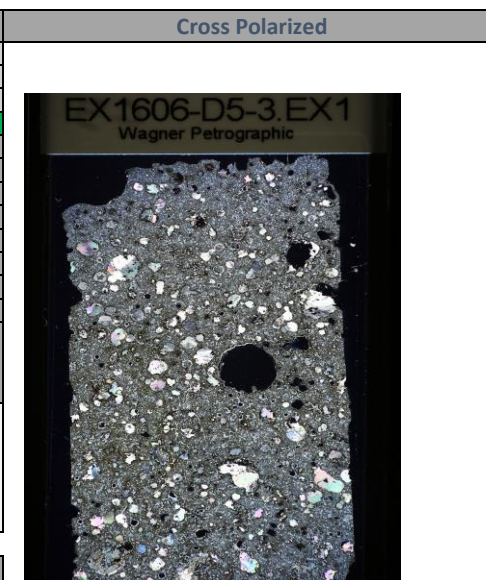


General Information			
Sample Name (IGSN)	EX1606-D5-3		
Describer	Kevin Konrad		
Sample Location	McDonnell Guyot		
Lithology prefix			
General Lithology	Basalt		
Texture 1	Highly altered		
Texture 2	Vesicular		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	100	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	0	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	100	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	0	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A large basaltic clast and phosphorite rind incased within a Mn crust. The basalt is vesicular with infilling ranging from none to complete. Possible plagioclase phenocrysts but could just be secondary minerals.		
Thin Section Summary	A highly altered aphyric basalt with large calcite infilled vesicles. The groundmass consists of a few very altered plagioclase grains within a reddish mesostasis of altered mush. Some vesicles are just rimmed with carbonate while most are completely infilled.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]							40	60
Present (%) [ Pr ]							10	60
Replaced / Filled (%) [ Rf ]							30	0
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)							0.1	
Maximum Size (mm)							2.5	
Modal Size (mm)							0.5	
Shape							rounded-irregular	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments							Typically either completely infilled or rimmed with a carbonate mineral	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]								100
Present (%) [ Pr ]								0
Replaced / Filled (%) [ Rf ]								100
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Comments								Some skeletal plagioclase grains but mostly all just altered mush.