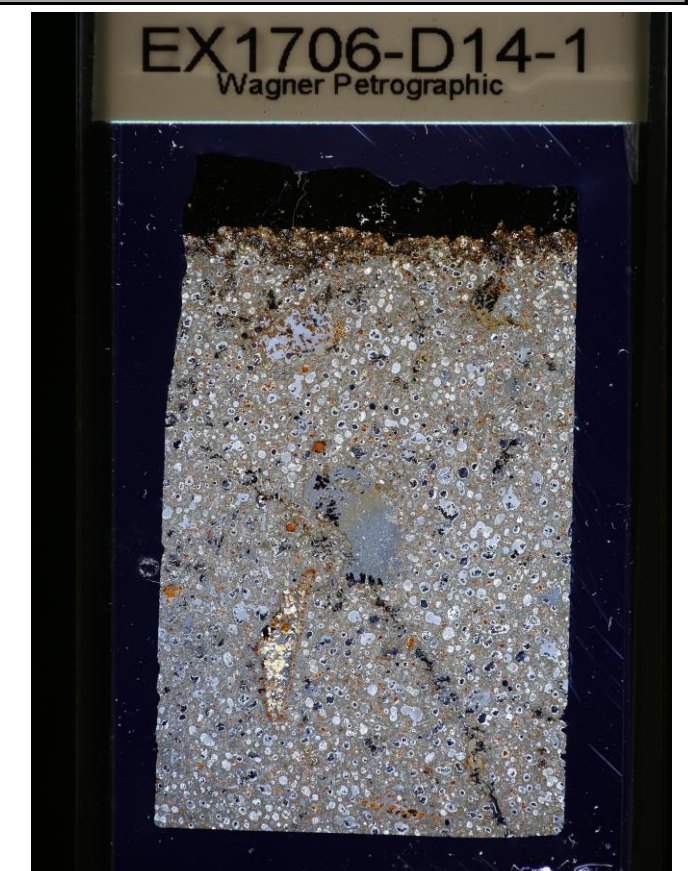


General Information			
Sample Name (IGSN)	EX1706-D14-1		
Describer	Kevin Konrad		
Sample Location	Southeast Guyot Ridge		
Lithology prefix	olivine		
General Lithology	basalt		
Texture 1	completely altered		
Texture 2	vesicular		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	0	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	100	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	0	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	100	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A heavily altered volcanic breccia with phosphorite cement. The clasts are typically reddish Fe-oxide altered glassy basalts. One relatively fresher clast is preserved and appears vesicular and aphyric. Much of the samples appear recrystallized to a talc like appearance with some FeMn grains scattered throughout. Sample contains a thin Mn coat		
Thin Section Summary	The thin section is of a heavily altered olivine basalt clast. The olivine are 100% recrystallized to iddingsite and are commonly disaggregated. The sample is vesicular, with palagonite rims and zeolite infill. The mesostasis is composed entirely of altered glass.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]	Cross Polarized
Original (%) [Or]	20						30		
Present (%) [Pr]	0						10		
Replaced / Filled (%) [Rf]	20						20		
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK	
Minimum Size (mm)	0.25						0.25		
Maximum Size (mm)	1						0.75		
Modal Size (mm)	0.5						0.5		
Shape	anhedral						subrounded		
Habit									
Zonation Type									
Zonation Extent									
Exsolution Type									
Special Features									
Comments	Disaggregated shards of iddingsite.						Palagonite rims common, zeolite infill also common.		



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							Altered glass	