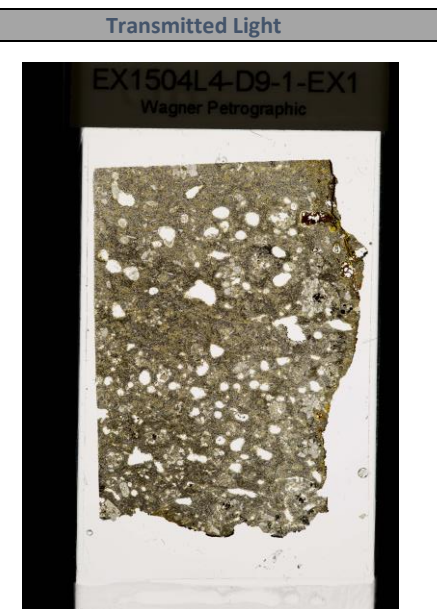
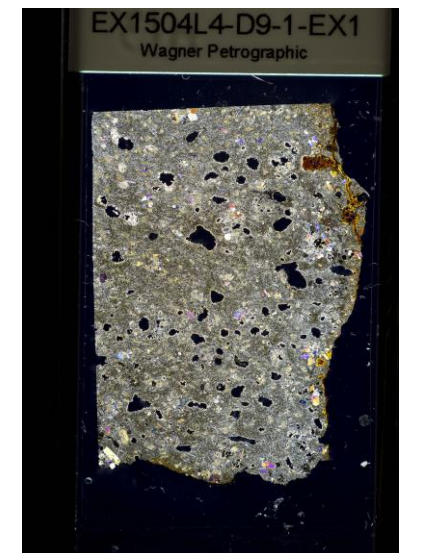


General Information			
Sample Name (IGSN)	EX1504L4-D9-1		
Describer	Kevin Konrad		
Sample Location	South Karin Ridge		
Lithology prefix	olivine-clinopyroxene		
General Lithology	basalt		
Texture 1	subtrachytic		
Texture 2	altered		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	10	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	90	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	10	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	90	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	An fine grained basalt with some recrystallized olivine(?) and some clinopyroxene. The olivine aren't recrystallized to iddingsite. Some glassier zones are found through the sample. Vesicles range from coated to infilled. Sample contains a thin Mn crust.		
Thin Section Summary	A heavily altered ankaramite with completely recrystallized olivine and clinopyroxene with a subtrachytic textured groundmass. The pyroxene are slightly altered and contain occasional zonation. The sample has large irregular shaped vesicles with some alteration coating. The groundmass consists of lath like plagioclase and spinel in a greyish mesostasis.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]	Cross Polarized
Original (%) [ Or ]	8			5			10	77	
Present (%) [ Pr ]	0			4			8	8	
Replaced / Filled (%) [ Rf ]	8			1			2	69	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK	
Minimum Size (mm)	0.4			0.2			0.4		
Maximum Size (mm)	0.6			0.4			0.8		
Modal Size (mm)	0.4			0.4			0.6		
Shape	anhedral			subhedral			subrounded		
Habit									
Zonation Type									
Zonation Extent									
Exsolution Type									
Special Features									
Comments	Completely recrystallized to a brownish clay product.						Some alteration coating		



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		5			5		90	
Present (%) [ Pr ]		4			5		0	
Replaced / Filled (%) [ Rf ]		1			0		90	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.05			0.05			
Maximum Size (mm)		0.1			0.05			
Modal Size (mm)		0.05			0.05			
Shape		subhedral						
Habit								
Comments		trachytic flow textures.					Grey and mushy.	