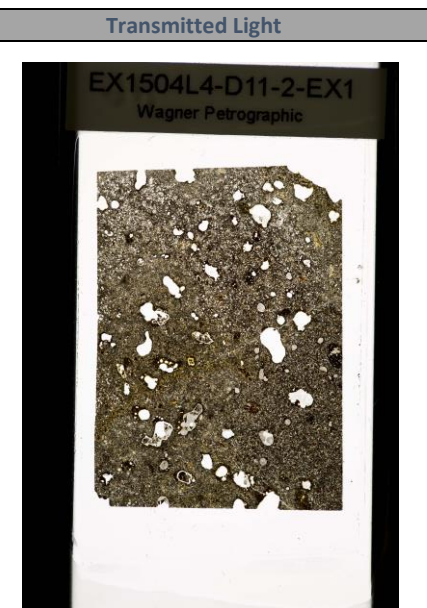
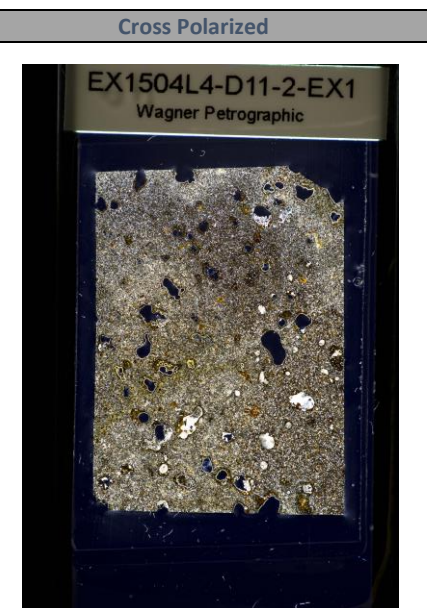


General Information			
Sample Name (IGSN)	EX1504L4-D11-2		
Describer	Kevin Konrad		
Sample Location	Karin Ridge Top		
Lithology prefix			
General Lithology	basalt		
Texture 1	altered		
Texture 2	vesicular		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	60	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	40	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 highly altered basalt with zones of fresher material. The rim is reddish and very fine grained followed by a brownish layer and a darker reddish-grey core. The sample has vesicles that are infilled with calcite. The rock has a thin Mn coat. Some iddingsite grains are found throughout (<3%)		
Thin Section Summary	A aphyric basalt with rounded irregular vesicles. Some vesicles are calcite infilled while some just have alteration coating. There appears to be a small cluster of olivine-cpx-plag which may represent a gabbroic xenolith. Groundmass consists of plagioclase, clinopyroxene, iddingsite, spinel and altered glass.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]							15	85
Present (%) [Pr]							5	51
Replaced / Filled (%) [Rf]							10	34
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)							0.04	
Maximum Size (mm)							1.2	
Modal Size (mm)							0.6	
Shape							rounded	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments						Also a small cluster of cpx, olivine and plagioclase.	Mostly calcite infill.	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]	25	5		2	3		65	
Present (%) [Pr]	0	5		1	3		0	
Replaced / Filled (%) [Rf]	25	0		1	0		65	
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.05	0.05		0.05	0.02			
Maximum Size (mm)	0.1	0.1		0.05	0.05			
Modal Size (mm)	0.05	0.075		0.05	0.03			
Shape	anhedral	subhedral						
Habit								
Comments	iddingsite	laths		altered laths			Altered	