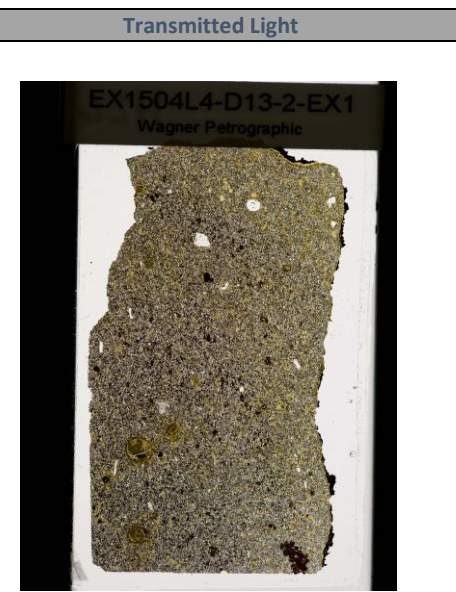
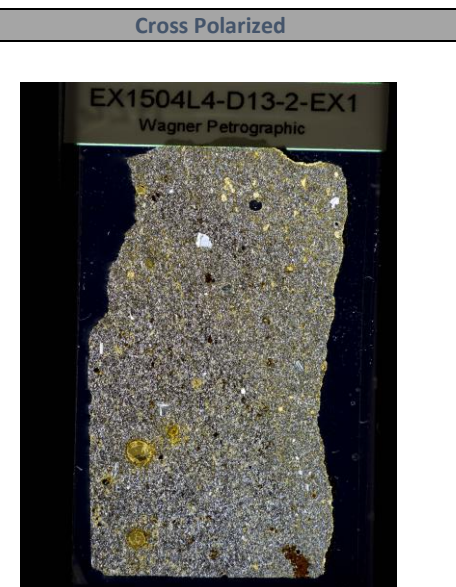


General Information			
Sample Name (IGSN)	EX1504L4-D13-2		
Describer	Kevin Konrad		
Sample Location	Guyot Ridge (NW Karin Plateau)		
Lithology prefix			
General Lithology	basalt		
Texture 1	altered		
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	85	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	15	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	80	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	20	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A fine grained basalt with some coarse iddingsite grains and infilled vesicles. Sample has a few plagioclase grains as well. Appears to be a small inclusion of some sort in the rock. The basalt has a thin Mn crust.		
Thin Section Summary	A basalt with trace plagioclase and olivine (iddingsite) phenocrysts. The sample contains a few vesicles that are completely infilled with alteration. Groundmass is composed of plagioclase and altered pyroxene and olivine. Some palagonite alteration around the edges of the rock.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]	1	3					5	91
Present (%) [Pr]	0	3					0	73
Replaced / Filled (%) [Rf]	1	0					5	18
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.4	0.2					1	
Maximum Size (mm)	0.4	0.4					1	
Modal Size (mm)	0.4	0.2					1	
Shape	anhedral	subhedral					rounded	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments	Bright red iddingsite						Completely infilled	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]	10	70			10			10
Present (%) [Pr]	0	70			10			0
Replaced / Filled (%) [Rf]	10	0			0			10
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.05	0.1			0.05			
Maximum Size (mm)	0.07	0.2			0.07			
Modal Size (mm)	0.05	0.15			0.05			
Shape	anhedral	euohedral			subhedral			
Habit								
Comments		Laths, aligned						alteration