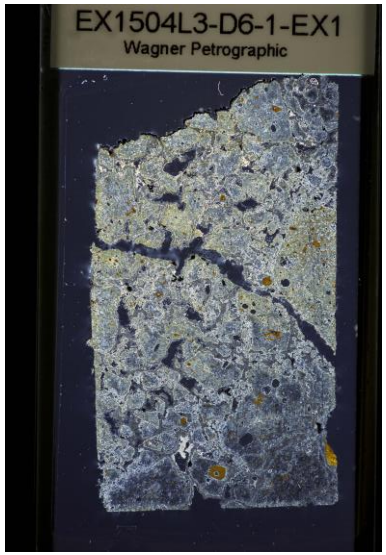
General Information			
Sample Name (IGSN)	EX1504L3-D6-1		
Describer	Kevin Konrad		
Sample Location	Ellis Seamount		
Lithology prefix			
General Lithology	Hyaloclastite		
Texture 1	Heavily altered		
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	0	Check [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 hydrously altered hyaloclastite. Likely all palagonite.		
Thin Section Summary	A highly altered hyaloclastite with ocassional olivine phenocrysts (100% recrystallized to iddingsite). All components of the sample are alteration.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]	5							95
Present (%) [Pr]	0							0
Replaced / Filled (%) [Rf]	5							95
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.1							
Maximum Size (mm)	0.6							
Modal Size (mm)	0.2							
Shape	anhedral							
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments	All iddingsite							

Cross Polarized



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								