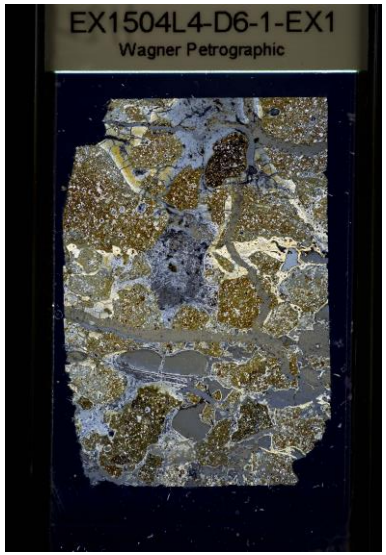
General Information			
Sample Name (IGSN)	EX1504L4-D6-1		
Describer	Kevin Konrad		
Sample Location	Two Cones		
Lithology prefix	Altered		
General Lithology	Hyaloclastite		
Texture 1			
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	10	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	90	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	5	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	95	Check [Or = Pr + Rf]	OK
Whole Rock Summary	Highly altered hyaloclastite with palagonite and phosphorite matrix. Some small clasts appear fresher than others but they are mostly recrystallized. Sample has a thin Mn crust.		
Thin Section Summary	The sample consists of multiple centimeter sized basalt clasts that vary from aphyric to olivine-plagioclase clasts with heavily altered groundmass. All olivine are recrystallized to iddingsite. Sample has fractures throughout that appear to be infilled with phosphate.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								5
Replaced / Filled (%) [Rf]								95
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments								

Cross Polarized



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]								
Present (%) [Pr]								
Replaced / Filled (%) [Rf]								
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Comments								