General Information			
Sample Name (IGSN)	EX1606-D3-1		
Describer	Kevin Konrad		
Sample Location	Delilah		
Lithology prefix			
General Lithology	breccia		
Texture 1	heavily altered		
Texture 2	basaltic clast bearing		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	100	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	0	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	100	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	0	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A heavily altered breccia or hyaloclastite with zones of phosphorite and igneous clasts. Contains a thick Mn crust. The basaltic clasts are typically reddish in color but some are grey and vesicular.		
Thin Section Summary	The thin section shows heavily altered basaltic clasts that contain abundant iddingsite and palagonite. Vesicles are infilled with zeolite or phosphorite. There are no primary groundmass/phenocrysts preserved in the clast. The thin section also shows a large chunk of phosphorite and some intermixed Mn crust. There are some interesting preserved shapes in the phosphorite layer, which may represent the carbonate tests that recrystallized to phosphorite. Just a guess though.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								100
Replaced / Filled (%) [Rf]								0
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								