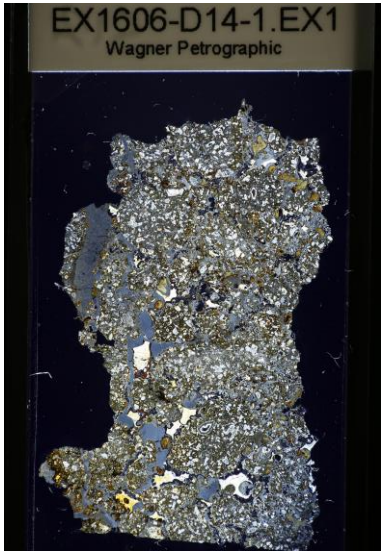
General Information			
Sample Name (IGSN)	EX1606-D14-1		
Describer	Kevin Konrad		
Sample Location	Southwestern most seamount from Wake		
Lithology prefix			
General Lithology	breccia		
Texture 1	Completely Altered		
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	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 very thick piece of Mn crust with a layer of 100% altered something. That layer is likely a volcaniclastic deposit but it's all orange grains now. The surface of the Mn crust has a slight boytroidal texture. Also within the sample is a highly altered basaltic clast. The thin section comes from the altered basaltic clast that appears to contain abundant small infilled vesicles and fractures		
Thin Section Summary	Just a hodgepodge of secondary mineral phases. You got some phosphorite, you got palagonite, you got some serpentine, you got some iddingsite, you got some zeolites, you got some skeletal plagioclase and clinopyroxene and you got some clay like minerals. Was once a single or multiple basalt clasts, nothing primary remains.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
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								
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								