General Information							Whole Rock		Transmitted Light
Sample Name (IGSN)		EX1706-D15-2							
Describer		Kevin Konrad							EV4700 D45 0
Sample Location		New Seamount 8 Cone							EX1706-D15-2 Wagner Petrographic
Lithology prefix		Phosphorite cemented							Wagner Petrographic
General Lithology		hyaloclastite							
Texture 1		Completely altered							
Texture 2			•	•				The state of the s	
Whole Rock Original (%)	100	Check [ Ph + \	/s + Gm = 100% ]		OK		7	Alle	
Whole Rock Present (%)	0	Check [ Or = F			OK		B   1000		
Whole Rock Replaced (%)	100	100 Check [ Or = Pr + Rf ] OK							
Total Groundmass Original (%)		100 Check [ Gp + Gl + Ms = 100% ] OK							
Total Groundmass Present (%)	0	0 Check [ Or = Pr + Rf ] OK							
Total Groundmass Replaced (%)	100								
Whole Rock Summary	100			Crust varios in thickn			No.		
whole Rock Summary	A volcanic clastic nodule within a thick FeMn crust. Crust varies in thickness from 1.5 - 5.5 cm. Two thin white (phosphorite or carbonate) layers can be observed within the FeMn crust. The nodule contains pyroxene, iddingsite and a lot of secondary alteration minerals. Likely a hyaloclastite						EX1706 – D15 – Thre Sample (ROP)  OSU  MGR		
Thin Section Summary		A glassy hyaloclastite that contains thick phosphorite and FeMn cement. The glass is completely altered to a bright red Fe-oxide rich matrix. No phenocrysts are observed in thin section.							
DHENOCDVSTS [Dh]		DIAG	ODV	CDV	CDINE	OTHER	VESICIES [Vc]	CPNDM [Cm]	Cross Polarized
PHENOCRYSTS [Ph]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]	Cross Polarized
Original (%) [ Or ]									EV4700 D45 0
Present (%) [ Pr ]									EX1706-D15-2 Wagner Petrographic
Replaced / Filled (%) [ Rf ]									vvagner Petrographic
Check [ Or = Pr + Rf ]	OK	OK	ОК	ОК	OK	OK	OK	OK	
Minimum Size (mm)									
Maximum Size (mm)									
Modal Size (mm)									
Shape									
Habit									
Zonation Type									
Zonation Extent									
Exsolution Type									
Special Features									
Comments									
GROUNDMASS [Gp]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	GLASS [GI]	MSTASIS [Ms]	The state of the s
Original (%) [ Or ]									
Present (%) [ Pr ]									
Replaced / Filled (%) [ Rf ]									
Check [ Or = Pr + Rf ]	OK	OK	ОК	ОК	OK	ОК	ОК	ОК	
Minimum Size (mm)									
Maximum Size (mm)									
Modal Size (mm)									
Shape									
Habit									
Comments									