		General Information			
Sample Name (IGSN)		EX1708-D7-1			
Describer	Kevin Konrad				
Sample Location	Debussy Seamount				
Lithology prefix	Volcanic				
General Lithology	Breccia				
Texture 1	Phosphorite cement				
Texture 2		highly altered			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	ОК		
Whole Rock Present (%)	10	Check [Or = Pr + Rf]	ОК		
Whole Rock Replaced (%)	90	Check [Or = Pr + Rf]	ОК		
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	ОК		
Total Groundmass Present (%)	10	Check [Or = Pr + Rf]	ОК		
Total Groundmass Replaced (%)	90	Check [Or = Pr + Rf]	ОК		
	mixture	of phosphorite, FeMn oxides and substrate (clay + Fe FeMn infill. Most basalt clasts have a brown Fe	Mn grains). Some areas contain thick -oxide alteration halo.		
Thin Section Summary	A volcan alteration, um) p abundar	ic breccia with highly altered glassy basalts. The basal , palagonite and few relatively fresh plagioclase grains plagioclase grains can be found within. The cement is nce of altered glass shards. The groundmass in the ind grey to red.	ts are typically composed of Fe-oxide s (trachytic texture). A few larger (>250 composed of phosphorite with an lividual clasts vary from dark black to		



PHENOCRYSTS [Ph]	OL	PLAG	ΟΡΧ	СРХ	SPINEL	OTHER	VESICLES [Vs]	G
Original (%) [Or]								
Present (%) [Pr]								
Replaced / Filled (%) [Rf]								
Check [Or = Pr + Rf]	ОК	ОК	ОК	ОК	ОК	ОК	ОК	ОК
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]	M
Original (%) [Or]								
Present (%) [Pr]								
Replaced / Filled (%) [Rf]								
Check [Or = Pr + Rf]	ОК	ОК	ОК	ОК	ОК	ОК	ОК	ОК
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Comments								