	General Information						Whole Rock		Transmitted Light	
Sample Name (IGSN)	EX1708-D1-1a									
Describer Describer		Kevin Konrad								
Sample Location		Tropic of Cancer Seamount								
Lithology prefix		FeMn crusted								
General Lithology	Sediment									
Texture 1			Scamen				3-			
Texture 2							7 cm			
Whole Rock Original (%)	100	Check [Ph + Ve	s + Gm = 100%]		ОК					
Whole Rock Present (%)	100	Check [Or = Pr			OK	- 89				
Whole Rock Replaced (%)	0	Check [Or = Pr			ОК			•		
Total Groundmass Original (%)	100				OK					
Total Groundmass Present (%)	0	Check [Gp + Gl + Ms = 100%] OK Check [Or = Pr + Rf] OK								
Total Groundmass Replaced (%)	100	Check [Or = Pr + Rf] OK Check [Or = Pr + Rf] OK					-			
Whole Rock Summary				t likely) palagonite		S	EX17			
Whole Rock Summary		A small piece of substrate with yellowish clasts of (most likely) palagonite-altered basaltic glass clasts and reddish Fe-oxide altered basalt clasts. Sample contains a thin (0.25 cm) FeMn crust. The whole rock photos displays the entire sample.					EX1708—D1—1a Dive Sample (ROV) OSU MGR DOV			
Thin Section Summary										
PHENOCRYSTS [Ph]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]	Cross Polarized	
Original (%) [Or]				3111						
Present (%) [Pr]									1	
Replaced / Filled (%) [Rf]										
Check [Or = Pr + Rf]	ОК	ОК	ОК	ОК	OK	ОК	ОК	ОК		
Minimum Size (mm)	OK	OK .	OK .	OK	OK	OK	OK	OK .		
Maximum Size (mm)										
Modal Size (mm)										
									-	
Shape										
Habit										
Zonation Type										
Zonation Extent										
Exsolution Type										
Special Features										
Comments									1	
GROUNDMASS [Gp]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	GLASS [GI]	MSTASIS [Ms]]	
Original (%) [Or]		1 2/10		31 /	0111122	O . I I E II	01/100 [01]		1	
Present (%) [Pr]									1	
Replaced / Filled (%) [Rf]									1	
Check [Or = Pr + Rf]	OK	OK	ОК	ОК	ОК	OK	ОК	OK		
Minimum Size (mm)	OK -		OK	OK .	OK .	OK-		<u> </u>		
Maximum Size (mm)									1	
Modal Size (mm)									1	
									1	
Shape Habit									1	
Habit Comments									1	
Comments										