		General Information		
Sample Name (IGSN)		EX1706-D14-2		
Describer	Kevin Konrad			
Sample Location	Southeast Guyot Ridge			
Lithology prefix	FeMn cemented			
General Lithology	Breccia			
Texture 1	Highly Altered			
Texture 2				
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	ОК	
Whole Rock Present (%)	0	Check [Or = Pr + Rf]	ОК	
Whole Rock Replaced (%)	100	Check [Or = Pr + Rf]	ОК	
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	ОК	
Total Groundmass Present (%)	0	Check [Or = Pr + Rf]	ОК	
Total Groundmass Replaced (%)	100	Check [Or = Pr + Rf]	ОК	
Whole Rock Summary	A thick F (hydrothe breccia th	eMn crust (~5 cm), that has 3.5 cm of (hydrogenetic? ermal?) structured FeMn. The crust encompasses a h nat contains phosphorite cement. The clasts are all Fe plagioclase microcrysts.	P) FeMn structure overlaying 1.5 cm of eavily altered hyaloclastite or volcanic e-oxide altered and may contain some	
Thin Section Summary	The thin s veins and space arou	section covers a breccia composed of 100% recrystall FeMn cement. The basalts are highly vesicular with and the basalts are infilled with zeolite crystals. Some the phosphorite.	ized aphyric glass basalts, phosphorite palagonite rimmed vesicles. Some void e fractured calcite tests are preserved in	



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	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	ΟΡΧ	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								

Transmitted Light





