		General Information				
Sample Name (IGSN)		EX1605L3-D18-2				
Describer	Kevin Konrad					
Sample Location	Unnamed Petit-Spot Volcano					
Lithology prefix						
General Lithology	Hyaloclastite					
Texture 1	Highly Altered					
Texture 2						
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK			
Whole Rock Present (%)	20	Check [Or = Pr + Rf]	OK			
Whole Rock Replaced (%)	80	Check [Or = Pr + Rf]	OK			
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK			
Total Groundmass Present (%)	20	Check [Or = Pr + Rf]	OK			
Total Groundmass Replaced (%)	80	Check [Or = Pr + Rf]	OK			
Whole Rock Summary	A highly altered hyaloclastite with clasts of completely altered aphyric basalts and a large ankaramite clast. The ankaramite clast contains coarse olivine and cpx with the olivine completely recrystallized to iddingsite. The cement is likely phosphorite.					
Thin Section Summary	A hyaloclastite with highly altered clasts. The largest clast contains plagioclase (spongy/dissaggrated edges), olivine (iddingsite) and clinopyroxene phenocrysts. The groundmass consists of small plagioclase and iddingsite grains in a heavily altered mesostatis. The other clasts vary from aphyric to similarly plagiocase/olivine/clinopyroxene phenocrysts. The sample contains extensive palagonite alteration whereever glass was present. Clay and possible zeolites infill the fractures throughout.					





PHENOCRYSTS [Ph]	OL	PLAG	OPX	СРХ	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								20
Replaced / Filled (%) [Rf]								80
Check [Or = Pr + Rf]	ОК	OK	OK	OK	OK	OK	ОК	ОК
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments								

0.		0.51/				01 100 [01]	
OL	PLAG	ОРХ	CPX	SPINEL	OTHER	GLASS [GI]	MSTASIS [Ms]
ОК	ОК	OK	ОК	ОК	ОК	OK	ОК
	OL OK						

