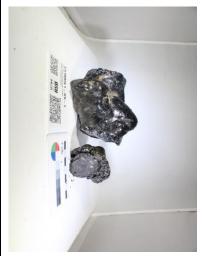
		General Information					
Sample Name (IGSN)	EX1605L1-D9-1						
Describer		Kevin Konrad					
Sample Location		Unnamed Lava Flows					
Lithology prefix		Olivine-plagioclase					
General Lithology		Basalt					
Texture 1		Glass					
Texture 2		Altered					
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	ОК				
Whole Rock Present (%)	70	Check [ Or = Pr + Rf ]	ОК				
Whole Rock Replaced (%)	30	Check [ Or = Pr + Rf ]	ОК				
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	ОК				
Total Groundmass Present (%)	70	Check [ Or = Pr + Rf ]	ОК				
Total Groundmass Replaced (%)	30	Check [ Or = Pr + Rf ]	ОК				
Whole Rock Summary		onderful glassy pillow basalt with well preserved flov cryptocrystalline basalt with some plagioclase phenoc					
Thin Section Summary	alteration phenocrys	resting glassy basalt with the glass rim partly to entir patterns. The alteration is likely hydrous alteration o ts are quite fresh and at least one olivine grain contai ndmass ranges from a pure glass rim to a cryptocrysta Large pockets of fresh glass are visible	of glass surrounding microvesicles. Th ns a unusual opaque inclusion patter alline plagioclase bearing mesostasis.				



Whole Rock



Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]	5	10					5	80
Present (%) [ Pr ]	5	10					5	56
Replaced / Filled (%) [ Rf ]	0	0					0	24
Check [ Or = Pr + Rf ]	OK	ОК	OK	OK	OK	OK	OK	ОК
Minimum Size (mm)	0.25	0.25					0.01	
Maximum Size (mm)	0.4	0.5					0.25	
Modal Size (mm)	0.25	0.4					0.2	
Shape	subhedral	sub-euhedral					rounded	
Habit								
Zonation Type		sector, twinning						
Zonation Extent		common						
<b>Exsolution Type</b>								
Special Features								
Comments	Some spinel(?) inclusions in irregular shapes						Likely a lot in the glass section which contain hydrous alteration halos	

				•				
GROUNDMASS [Gp]	OL	PLAG	ОРХ	СРХ	SPINEL	OTHER	GLASS [GI]	MSTASIS [Ms]
Original (%) [ Or ]							30	70
Present (%) [ Pr ]							10	50
Replaced / Filled (%) [ Rf ]							20	20
Check [ Or = Pr + Rf ]	ОК	OK	ОК	ОК	OK	ОК	ОК	ОК
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Comments							Hydrous alteration	Difficult to ascertain
							halos around	alteration but appear
							microvesicles. Not	fairly fresh in the
							typical palagonite	core.
							but a reddish rust	



**Cross Polarized**