

General Information			
Sample Name (IGSN)	EX1504L2-D9-4		
Describer	Kevin Konrad		
Sample Location	East Salmon Bank		
Lithology prefix			
General Lithology	basalt		
Texture 1	Trachytic		
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	70	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	30	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	70	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	30	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A very fine grained and likely highly altered basalt. Contains a reddish core and a darker grey rim. Few fractures/vesicles found throughout. Thin Mn coating.		
Thin Section Summary	A trachytic basalt with a high density of plagioclase (~85%) within a altered matrix. No vesicles observed within the thin section.		

Whole Rock



Transmitted Light



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								70
Replaced / Filled (%) [Rf]								30
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments								

Cross Polarized



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]		70						30
Present (%) [Pr]		70						0
Replaced / Filled (%) [Rf]		0						30
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.03						
Maximum Size (mm)		0.08						
Modal Size (mm)		0.05						
Shape		euhedral						
Habit		laths						
Comments								Hard to tell if altered but seems like.