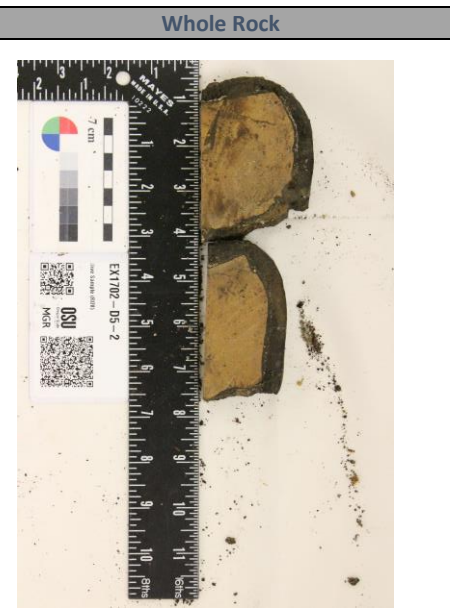


General Information			
Sample Name (IGSN)	EX1702-D5-2		
Describer	Kevin Konrad		
Sample Location	Leoso Seamount		
Lithology prefix	Plagioclase		
General Lithology	Basalt		
Texture 1	Heavily altered		
Texture 2	Fine grained		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	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 fairly undistinguishable yellow clay rich sample. Contains a ~0.5" Mn rind		
Thin Section Summary	A heavily altered plagioclase basalt. The rock contains a few spongy textured plagioclase phenocrysts. The groundmass consists of Fe-oxide altered glassy with a few spinels and plagioclase grains scattered throughout. Some regions of ~0.25-0.35mm sized alteration patches, they appear to be infilled vesicles/voids. The alteration phase is difficult to distinguish and represents very fine grains of some yellowish phase.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]		5					10	85
Present (%) [ Pr ]		3					0	17
Replaced / Filled (%) [ Rf ]		2					10	68
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.2					0.25	
Maximum Size (mm)		0.6					0.35	
Modal Size (mm)		0.4					0.3	
Shape		Euhedral					Irregular	
Habit		Elongated						
Zonation Type		Albite twin						
Zonation Extent								
Exsolution Type								
Special Features								
Comments		Spongy textured. Some spinel inclusions					Filled with an undetermined alteration phase.	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		15			10		75	
Present (%) [ Pr ]		13			10		0	
Replaced / Filled (%) [ Rf ]		2			0		75	
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.01			0.01			
Maximum Size (mm)		0.2			0.1			
Modal Size (mm)		0.1			0.06			
Shape		subhedral			subhedral			
Habit		Elongated						
Comments					Unable to tell how altered/recrystallized they are.		Completely altered	