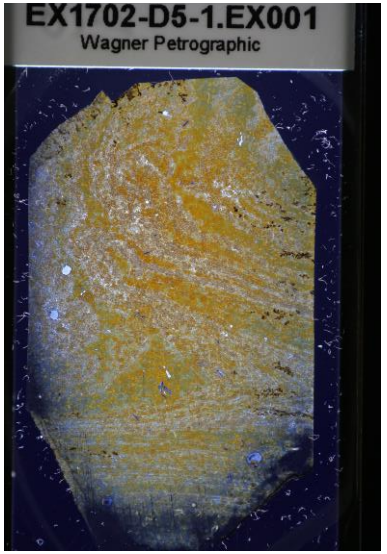
General Information			
Sample Name (IGSN)	EX1702-D5-1		
Describer	Kevin Konrad		
Sample Location	Leoso Seamount		
Lithology prefix			
General Lithology	Unknown		
Texture 1	Layered		
Texture 2	Secondary		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	100	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	0	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	100	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	0	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A layered yellow-clay looking rock. Contains a layer of what may be basaltic material and a thin Mn crust. Not sure if sedimentary, altered volcaniclastic (tuff?) or highly altered basalt.		
Thin Section Summary	Still difficult to tell exactly what this sample is. Contains layers of reddish spherulitic minerals within a yellow-grey mush (potentially altered glassy mesostasis). Alternative layers are composed primary of a fine thin elongated crystal (zeolites?), often found in spherulitic clusters as well. A few large plagioclase grains are scattered throughout the sample. The plagioclase are still euhedral indicating little no transportation of the grains. Likely represents a heavily recrystallized tuff deposit.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								100
Replaced / Filled (%) [Rf]								0
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]								
Present (%) [Pr]								
Replaced / Filled (%) [Rf]								
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)								
Maximum Size (mm)								
Modal Size (mm)								
Shape								
Habit								
Comments								