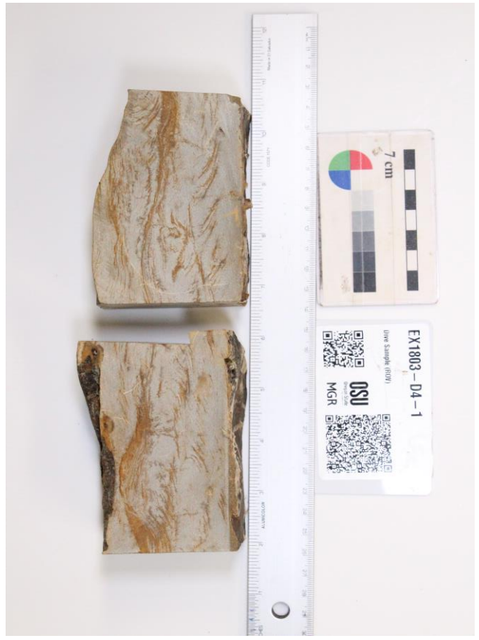
General Information			
Sample Name (IGSN)	EX1803-D4-1		
Describer	Kevin Konrad		
Sample Location	Gulf of Mexico - EB 1009		
Lithology prefix	clay rich		
General Lithology	Sandstone		
Texture 1	carbonate bearing		
Texture 2	zoned		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock 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 (%)	0	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	100	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A fine grained light-gray sedimentary rock with layers of reddish grains. The sample has a thin FeMn crust.		
Thin Section Summary	A clay rich sandstone with a quartz grains, carbonate clay, a few micas, feldspars and zones containing opaque grains (FeMn oxides likely). The quartz grains range from subrounded to angular and range in size from 10 to 100 um. Feldspar and mica grains are similar in size to the quartz grains. The carbonate clay mesostasis is very fine grained. The FeMn grains vary in density throughout the sample and form discontinuous layers. The grains vary from very fine to clasts up to 250 um in diameter.		

Whole Rock



Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
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								
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								