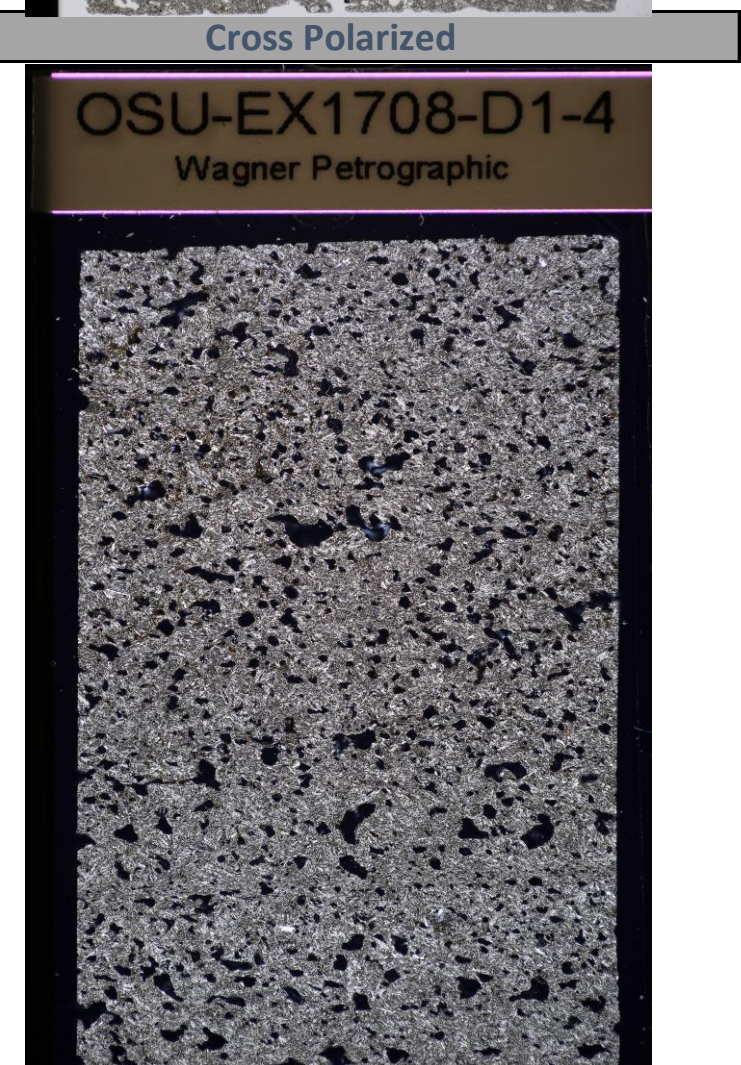


General Information			
Sample Name (IGSN)	EX1708-D1-4		
Describer	Kevin Konrad		
Sample Location	Tropic of Cancer Seamount		
Lithology prefix			
General Lithology	Basalt		
Texture 1	Subtrachytic		
Texture 2	Altered		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	90	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	10	Check [Or = Pr + Rf]	OK
Total Groundmass Original (%)	100	Check [Gp + Gl + Ms = 100%]	OK
Total Groundmass Present (%)	90	Check [Or = Pr + Rf]	OK
Total Groundmass Replaced (%)	10	Check [Or = Pr + Rf]	OK
Whole Rock Summary	A aphyric basalt with layered variability in vesicularity. Sample is mostly cryptocrystalline with plagioclase microcrysts. No significant infilling of vesicles. Sample contains a thin FeMn coat.		
Thin Section Summary	An aphyric plagioclase rich basalt with large unfilled vesicles. The plagioclase grains range up to microcrystic in size and have a general alignment. The sample contains a fine holocrystalline groundmass texture consisting of variably sized plagioclase along with fine clinopyroxene and spinel grains.		



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								



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]		50		20	30			
Present (%) [Pr]		40		10	30			
Replaced / Filled (%) [Rf]		10		10	0			
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.05		0.05	0.05			
Maximum Size (mm)		0.25		0.075	0.075			
Modal Size (mm)		0.15		0.05	0.05			
Shape		elongated		anhedral	subhedral			
Habit		subtrachytic						
Comments		Mostly around ~0.15 diameter but a few get to 0.25		Difficult to assess the degree of recrystallization				