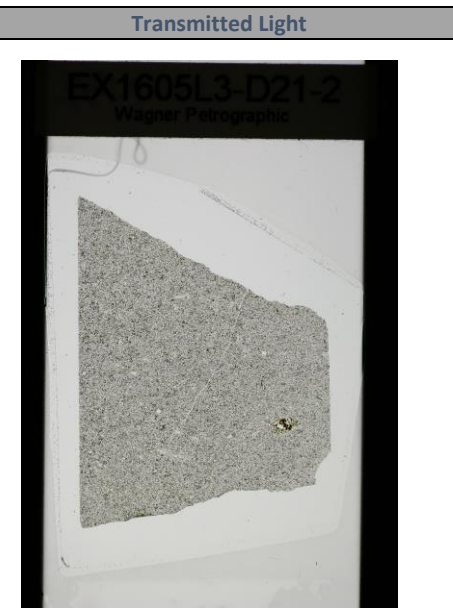


General Information			
Sample Name (IGSN)	EX1605L3-D21-2		
Describer	Kevin Konrad		
Sample Location	Hadal Wall		
Lithology prefix			
General Lithology	Basalt		
Texture 1	Holocrystalline		
Texture 2			
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	80	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	20	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	80	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	20	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A aphyric basalt. Sample contains a few unfilled vesicles. Some potential iddingsite grains can be observed in the handsample. No significant Mn coating.		
Thin Section Summary	A sparsely phryic holocrystalline basalt. One olivine grain (recrystallized to iddingsite and serpentine) is found as well as some slightly coarser plagioclase and clinopyroxene. Groundmass is plagioclase rich with some clinopyroxene and visibly fuzzy mesostasis (altered).		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]	1			2				97
Present (%) [ Pr ]	0			2				78
Replaced / Filled (%) [ Rf ]	1			0				19
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	1			0.3				
Maximum Size (mm)	1			0.5				
Modal Size (mm)	1			0.4				
Shape	subhedral			subhedral				
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments	Mixed iddingsite (core) and serpentine (edges)			Few grains, may be considered microcrysts				



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]		40		10	5			45
Present (%) [ Pr ]		40		7	5			5
Replaced / Filled (%) [ Rf ]		0		3	0			40
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.1		0.05	0.01			
Maximum Size (mm)		0.3		0.1	0.02			
Modal Size (mm)		0.2		0.075	0.02			
Shape								
Habit		thin laths						
Comments								Seems altered, likely recrystallized glass and olivine