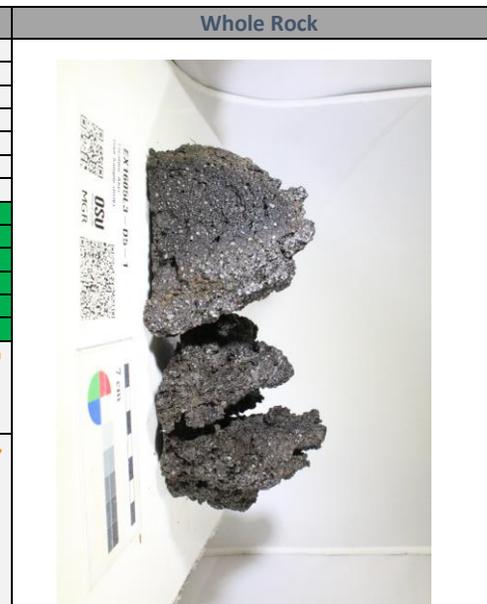
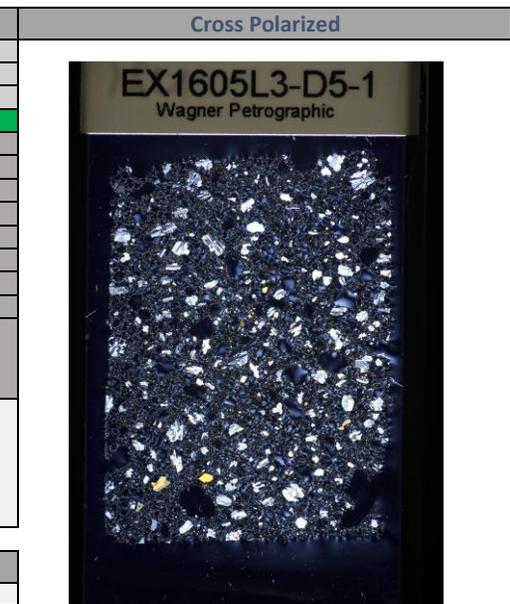


General Information			
Sample Name (IGSN)	EX1605L3-D5-1		
Describer	Kevin Konrad		
Sample Location	Ahyi		
Lithology prefix	olivine-plagioclase		
General Lithology	basalt		
Texture 1	vesicular		
Texture 2	glassy		
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	100	Check [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 glass rich, fresh plagioclase phyric basalt. Contains abundant fractures and small vesicles. Alteration can be found around some fractures on the outer rim. No thick glassy rinds are present.		
Thin Section Summary	A highly phyric olivine and plagioclase phyric basalt with a glassy mesostasis. The sample is very fresh, displaying no recrystallization of olivine grains or infilling of vesicles. Plagioclase grains occasionally display spongy textures and sector zoning. Some melt inclusions can be observed in olivine grains.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]	5	15					60	20
Present (%) [Pr]	5	15					60	20
Replaced / Filled (%) [Rf]	0	0					0	0
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.1	0.1					0.1	
Maximum Size (mm)	0.7	1.1					2	
Modal Size (mm)	0.3	0.4					0.5	
Shape	subhedral	subhedral					rounded	
Habit								
Zonation Type		sector						
Zonation Extent		common						
Exsolution Type		spongy						
Special Features								
Comments		Display various disequilibrium textures.					Unfilled	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [Or]		5						95
Present (%) [Pr]		5						95
Replaced / Filled (%) [Rf]		0						0
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)		0.01						
Maximum Size (mm)		0.02						
Modal Size (mm)		0.02						
Shape		subhedral						
Habit								
Comments								Fresh, mostly glass with some coarser pyroxene and olivine grains. Likely spinel as well