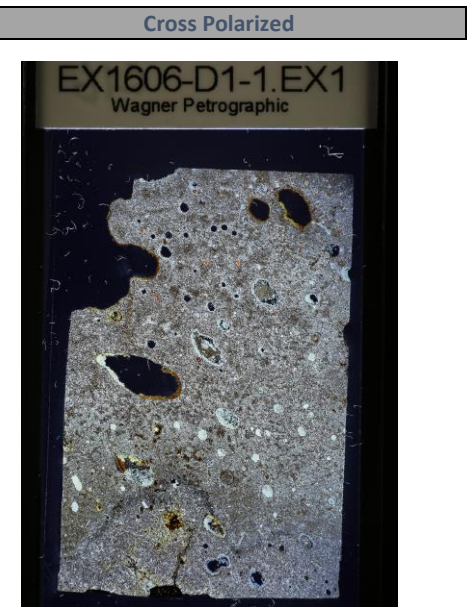


General Information			
Sample Name (IGSN)	EX1606-D1-1		
Describer	Kevin Konrad		
Sample Location	Alba		
Lithology prefix			
General Lithology	basalt		
Texture 1	heavily altered		
Texture 2	vesicular		
Whole Rock Original (%)	100	Check [ Ph + Vs + Gm = 100% ]	OK
Whole Rock Present (%)	20	Check [ Or = Pr + Rf ]	OK
Whole Rock Replaced (%)	80	Check [ Or = Pr + Rf ]	OK
Total Groundmass Original (%)	100	Check [ Gp + Gl + Ms = 100% ]	OK
Total Groundmass Present (%)	20	Check [ Or = Pr + Rf ]	OK
Total Groundmass Replaced (%)	80	Check [ Or = Pr + Rf ]	OK
Whole Rock Summary	A highly altered basalt that appears to be aphyric. Contains large vesicles/voids that are partly to completely infilled with clay and Mn. Contains a thin Mn-crust. May have had a glassy rim in that is now dark reddish-black in color.		
Thin Section Summary	A heavily altered basalt with large rounded vesicles. The vesicles are filled with greenish clay infill. Not entirely sure what the infill is. Sample is aphyric and the groundmass is composed of spongy looking plagioclase laths, abundant spinels and serpentinized pyroxene/olivine. A few olivine (iddingsite) microcrysts exist in the section. Some of the so-called 'vesicles' may be serpentinized olivine grains.		



PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [ Or ]	2						20	78
Present (%) [ Pr ]	0						5	16
Replaced / Filled (%) [ Rf ]	2						15	62
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	0.25						0.4	
Maximum Size (mm)	0.35						2	
Modal Size (mm)	0.25						1	
Shape	anhedral						rounded	
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments	iddingsite grains						Elliptical shaped with some clay(?) infilling.	



GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
Original (%) [ Or ]					30			70
Present (%) [ Pr ]					30			10
Replaced / Filled (%) [ Rf ]					0			60
Check [ Or = Pr + Rf ]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)					0.01			
Maximum Size (mm)					0.05			
Modal Size (mm)					0.02			
Shape					anhedral			
Habit								
Comments								A mixture of altered plagioclase, pyroxene +/- olivine and glass