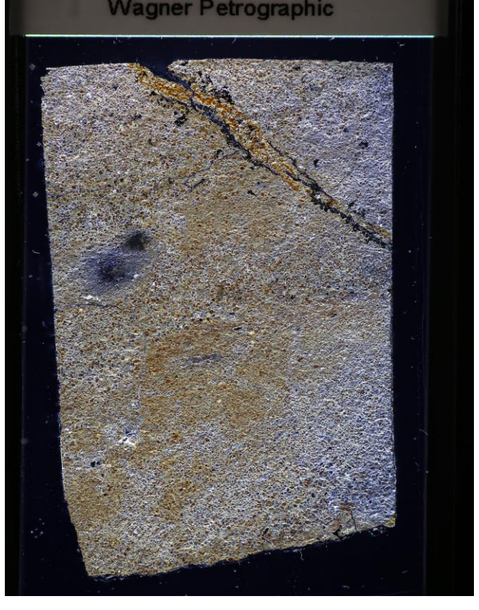
General Information			
Sample Name (IGSN)	EX1705-D2-1		
Describer	Kevin Konrad		
Sample Location	Te Tukunga O		
Lithology prefix			
General Lithology	Pillow Basalt		
Texture 1	Pervasively Altered		
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	0	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	100	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 reddish highly altered rock. Appears igenous but likely 100% recrystallized. Possibly a few small pyroxene grains. Contains a light Mn coat.		
Thin Section Summary	Thin section consists of small 25-150um red shards rimmed with palagonite. The interstitial matrix is a very fine material, possible zeolites. A few altered mineral grains (clinopyroxene likely) are found throughout. My guess is the sample is a hydrous-altered pillow basalt rind, which was fractured into shards.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]								100
Present (%) [Pr]								0
Replaced / Filled (%) [Rf]								100
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								