General Information			
Sample Name (IGSN)	EX1504L2-D8-3		
Describer	Kevin Konrad		
Sample Location	Bank 9 South		
Lithology prefix	Olivine		
General Lithology	Basalt		
Texture 1	Highly Altered		
Texture 2			
Whole Rock Original (%)	100	Check [Ph + Vs + Gm = 100%]	OK
Whole Rock Present (%)	30	Check [Or = Pr + Rf]	OK
Whole Rock Replaced (%)	70	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 heavily altered basalt with some iddingsite and some fresher olivine. Very fine grained matrix. Thin Mn coat is present.		
Thin Section Summary	A picrite with very large, fairly decent olivine in a matrix that is 100% altered. Olivine range in size from 1 to 3 mm in diameter.		

Whole Rock

Transmitted Light

PHENOCRYSTS [Ph]	OL	PLAG	OPX	CPX	SPINEL	OTHER	VESICLES [Vs]	GRNDM [Gm]
Original (%) [Or]	40							60
Present (%) [Pr]	30							0
Replaced / Filled (%) [Rf]	10							60
Check [Or = Pr + Rf]	OK	OK	OK	OK	OK	OK	OK	OK
Minimum Size (mm)	1							
Maximum Size (mm)	3							
Modal Size (mm)	2							
Shape	subhedral							
Habit								
Zonation Type								
Zonation Extent								
Exsolution Type								
Special Features								
Comments	Only some iddingsite recystallization. Some inclusions.							

Cross Polarized

GROUNDMASS [Gp]	OL	PLAG	OPX	CPX	SPINEL	OTHER	GLASS [Gl]	MSTASIS [Ms]
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								
Comments								