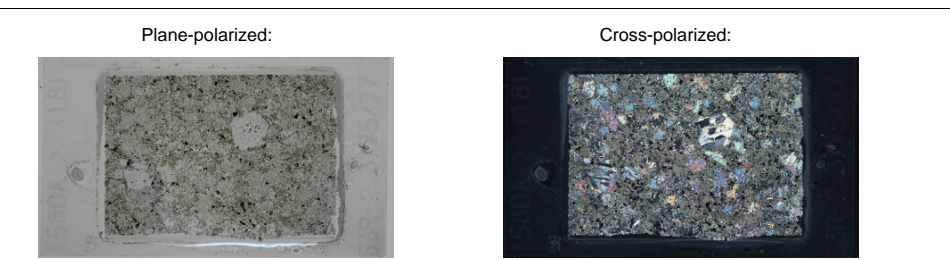


THIN SECTION LABEL ID:	392-U1580A-53R-2-W 75/77-TSB-TS 18	Thin section no.: 18
Observer:	PD	Piece no.:
		Unit/subunit: 7
Thin section summary:	Sample U1580A-53R-2W 75/77 is a plagioclase-phyric basalt. Two large plagioclase phenocrysts are present and show glomerocryst-like texture though they also appear to have a single crystal habit. Large clinopyroxenes show subophitic texture enclosing plagioclase laths. Olivine was likely also a groundmass phase but is completely replaced by clay minerals.	



Igneous Petrology

Lithology: plagioclase phyric basalt

Groundmass grain size (avg.) medium-grained

Texture 1: subophitic

Texture 2: moderately phyric

Phenocrysts	Original (%)	Replaced (%)	Size mode (mm)	Size max. (mm)	Shape	Comments
Plagioclase	6	0	4.5	5	euohedral-subhedral	Shows glomerocryst-like texture though has a nice and singular habit
Groundmass	Original (%)	Replaced (%)	Size mode (mm)	Size max. (mm)	Shape	Comments
Olivine	30	100	1		subhedral	
Plagioclase	35	5	0.6		euohedral-subhedral	
Clinopyroxene	30	10			anhedral	subophitic texture
Opakes	5	0	0.4		subhedral	
Vesicle	Original (%)	Filled (%)	Size mode (mm)	Size max. (mm)	Shape	Comments
Vesicle	0					

