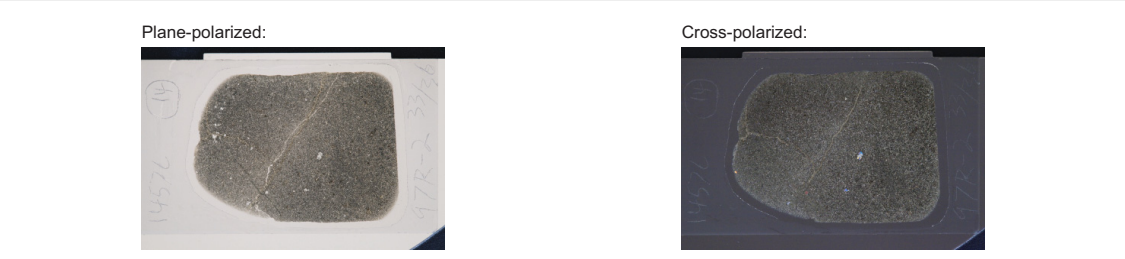


THIN SECTION LABEL ID	355-U1457C-97R-2-W 33/36-TSB-TS_14	Thin section no.:	14
Unit/Subunit:	3	Observer:	Radhakrishna
Thin section summary:	The rock is aphyric basalt. Clinopyroxene and olivine occur seldom as phenocrysts. Plagioclase laths may comprise 35% of the groundmass and the rock is classified as intersertal in texture. The phenocryst phase is mostly unaltered. Fe-Ti oxides are seen as accessory phase. A thin micro-fracture of 0.5 mm is seen across the section. Although alteration is not clearly identified, a red colouration is seen in a zone of 1 mm across the section. The rock is non-vesicular		



PRIMARY (IGNEOUS) MINERALOGY

LITHOLOGY: aphyric basalt

Texture 1:	intersertal	Domain relative abundance:	100
Avg. grain size:	microcrystalline	Grain size distribution:	bimodel

Phenocrysts	(%) original	(%) present	(%) replaced	size MIN (mm)	size MAX (mm)	size MODE (mm)	Shape	Habit	Comments
Olivine	Trace			0.4	0.4	0.4	anhedral	subequant	
Clinopyroxene	rare			0.15	0.4		subhedral	Subquent to elongate	

Vesicle abundance	% empty	% filled	MIN size (mm)	MAX size (mm)	AVG size (mm)	Vesicle shape	Vesicle distribution
<1 (Non vesicular)							

SECONDARY (ALTERATION) MINERALOGY

General phenocryst comments:

Phenocryst	Olivine	Orthopyroxene	Clinopyroxene	Plagioclase
Total original [%]	Trace		rare	

GROUNDMASS total original (%):

Groundmass phases	% original	% present	% replaced	MIN size (mm)	MAX size (mm)	Average size (mm)	Shape	Habit	Comments
Plagioclase		35					subhedral	laths	
Mesostasis	65								