145-887D-4R-4 (Piece 5, 49-50 cm) ROCK NAME: Highly plagioclase-clinopyroxene phyric basalt GRAIN SIZE: Medium- to fine-grained.

PRIMARY	PERCENT	PERCENT	SIZE	COMPO-			
MINERALOGY	PRESENT	ORIGINAL	(mm)	SITION	MORPHOLOGY	COMMENTS	
PHENOCRYSTS							
Plagioclase	35		1.0 - 3.0		Subhedral.	Slightly to moderately altered.	
Clinopyroxene	30		1.0-5.0		Subhedral to anhedral.	Slightly to moderately altered.	
GROUNDMASS	2201		122776				
Opaque minerals	2		<0.4		Euhedral to subhedral.		
SECONDARY		REPLACING/					
MINERALOGY	PERCENT	FILLING				COMMENTS	
Clay 33 Groundmass and olivine					Mostly light brown, some medium brown rare green.		
45-887D-7R-3 (Piece 5A, ROCK NAME: Highly cli GRAIN SIZE: Medium- to FEXTURE: Intergranular.	nopyroxene-plagio	clase phyric basalt	OBSERVE		WHERE SAMPLED	Flow interior	
PRIMARY	PERCENT	PERCENT	SIZE	COMPO-			
MINERALOGY	PRESENT	ORIGINAL	(mm)	SITION	MORPHOLOGY	COMMENTS	
PHENOCRYSTS							
Plagioclase	25		1.0-2.0		Subhedral.	Moderately to highly altered.	
Clinopyroxene	32		<2.0	Ti-augite?	Subhedral to anhedral.	Moderately to highly altered.	
Opaque minerals	3		<1.5		Euhedral to subhedral.	Some as parallel needles.	
SECONDARY		REPLACING/					
MINERALOGY	PERCENT	FILLING				COMMENTS	
Clay	40	Groundmass				Colorless to light brown.	
145-887D-10R-2 (Piece 12 ROCK NAME: Highly pla GRAIN SIZE: Fine- to med TEXTURE: Intersertal.	agioclase-clinopyro lium-grained.	oxene phyric basalı	OBSERVE	R: KEL	WHERE SAMPLED	: Flow interior	
PRIMARY	PERCENT	PERCENT	SIZE	COMPO-	*******************************		
	PRESENT	ORIGINAL	(mm)	SITION	MORPHOLOGY	COMMENTS	
	PRESENT						
MINERALOGY PHENOCRYSTS							
MINERALOGY PHENOCRYSTS Plagioclase	15		1.0-2.0		Subhedral.	Moderately to highly altered.	
MINERALOGY PHENOCRYSTS			1.0-2.0 1.0-2.0		Subhedral. Subhedral to anhedral.		
MINERALOGY PHENOCRYSTS Plagioclase	15				Subhedral to	Moderately to highly altered.	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene	15 8		1.0-2.0		Subhedral to anhedral.	Moderately to highly altered. Moderately to highly altered.	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene Opaque minerals Opaque minerals	15 8 5	REPLACING/	1.0-2.0 <2.0		Subhedral to anhedral. Globular. Euhedral to	Moderately to highly altered. Moderately to highly altered.	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene Opaque minerals Opaque minerals SECONDARY	15 8 5		1.0-2.0 <2.0		Subhedral to anhedral. Globular. Euhedral to	Moderately to highly altered. Moderately to highly altered.	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene Opaque minerals Opaque minerals SECONDARY	15 8 5 2	REPLACING/	1.0-2.0 <2.0 <0.5		Subhedral to anhedral. Globular. Euhedral to	Moderately to highly altered. Moderately to highly altered. Maybe iron oxide.	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene Opaque minerals Opaque minerals SECONDARY MINERALOGY Clay	15 8 5 2 PERCENT	REPLACING/ FILLING	1.0-2.0 <2.0 <0.5		Subhedral to anhedral. Globular. Euhedral to	Moderately to highly altered. Moderately to highly altered. Maybe iron oxide. COMMENTS	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene Opaque minerals Opaque minerals SECONDARY MINERALOGY Clay VESICLES/ CAVITIES	15 8 5 2 PERCENT 70 PERCENT	REPLACING/ FILLING	1.0-2.0 <2.0 <0.5	FILLING	Subhedral to anhedral. Globular. Euhedral to	Moderately to highly altered. Moderately to highly altered. Maybe iron oxide. COMMENTS	
MINERALOGY PHENOCRYSTS Plagioclase Clinopyroxene Opaque minerals Opaque minerals SECONDARY MINERALOGY Clay VESICLES/	15 8 5 2 PERCENT 70	REPLACING/ FILLING Groundmass and	1.0-2.0 <2.0 <0.5	FILLING	Subhedral to anhedral. Globular. Euhedral to subhedral.	Moderately to highly altered. Moderately to highly altered. Maybe iron oxide. COMMENTS Medium brown.	

OBSERVER: KEL

WHERE SAMPLED: Flow interior

COMMENTS: Thin section is a bit thick and in poor condition.

145-887D-13R-1 (Piece 4, 18–21 cm) ROCK NAME: Aphyric basalt. GRAIN SIZE: Microcrystalline to glass. TEXTURE: Spherulitic to glassy.

PRIMARY	PERCENT	PERCENT	SIZE	COMPO-		
MINERALOGY	PRESENT	ORIGINAL	(mm)	SITION	MORPHOLOGY	COMMENTS
Spherulites	90					100% glass at margin.
SECONDARY		REPLACING/				
MINERALOGY	PERCENT	FILLING				COMMENTS
Clay	10	Groundmass				Golden brown to colorless.
/ESICLES/			SIZE			
CAVITIES	PERCENT	LOCATION	(mm)	FILLING	SHAPE	COMMENTS
Vesicles	1		<1.0		Irregular	Lined with brown alteration products.

WHERE SAMPLED: Glass margin

OBSERVER: KEL