



THIN SECTION:	U1310B 1R-1 19-20 cm					Piece No. 3	Unit: 1	TS#: 138	OBSERVER: ABR, ABC
ROCK NAME:	Basalt								
GRAIN SIZE:	Fine								
TEXTURE:	Intersertal, Vesicular								
PRIMARY MINERALOGY	PERCENT PRESENT	PERCENT ORIGINAL	SIZE (mm)			Composition	MORPHOLOGY	COMMENTS	
			min.	max.	av.				
Plagioclase	20	20	0.1	1	0.3		Subhedral to Euhedral	Randomly orientated laths	
Olivine	< 1	< 1	0.08	0.2	0.3		Anhedral, Euhedral	Fresh	
Pyroxene	<< 1	<< 1					Anhedral		
Vesicles	5		0.05	0.4	0.25		Equant, rounded	Were being exsolved and moved at time of crystallization.	
Plumose clinopyroxene	65								
Oxides	<1								
Devitrified glass	10							Isotropic black material in between plumose clinopyroxene	
TOTAL ALTERATION: Essentially unaltered									
STRUCTURE : Very little consistent alignment of plagioclase microlites, though small patches exhibit alignment. These zones are on the scale of 1 mm in size.									
PHOTOMICROGRAPHS:									
1310B_1R_1_19_20_1									
1310B_1R_1_19_20_2									