

TABLE 37.—MODAL ANALYSES OF IGNEOUS ROCKS FROM CRATERVILLE PARK AREA (STOP 7)

	Cache			(Aplite)		Quanah	
	W742	W743	W743B	W744	W744	S-Coarse	S-Porphyrific
	SE NE NE 13-2N-14W	NW NW NW 18-2N-13W		NW SE SE SE 12-2N-14W		12-2N-14W	13-2N-14W
Qtz-P	10.75	8.5	.25	18.75	12.5		
Alk-F-P	13.75	12.25	tr	22.25	25.75		
Qtz-G	27.75	29.75	33	23.75	28.75	25	28
Alk-F-G	48	47.25	63.25	32	30.75	70	70.5
Plag	-	-					
Amphibole	-	-		tr	tr	1.0 (R)	.05 (R)
Biotite	tr	.25		1.75	.75		
Opaques	tr	1.75	3.5	2	1.25	.5	.1
Sphene	-	-		tr		tr	tr
Zircon	tr	tr	tr	tr	.25	tr	tr
Fluorite	tr	.25	tr	tr	tr	tr	tr
Alteration	-	-				3.4	1.2
Hematite	tr	tr	tr	tr			
Other	-	-	tr			tr(apatite)	tr(apatite)

TABLE 38.—TRACE-ELEMENT CONTENTS FROM HILL 1545 AND VICINITY (STOP 7)

(From Al Shaieb and others, 1980)

Sample #/ppm	U ₃ O ₈	Ti	V	Mn	Cu	Zn	Li	Ba	Sr	Y	Zr	Nb
142-Q	47	900	0	60	3	94	12	60	15	79	4695	144
143-Q	13	600	0	120	4	165	46	200	35	61	1314	73
144-Q	11	600	5	120	44	63	46	150	10	61	893	65
117-C	7	600	5	30	6	29	2?	20	20	45	349	42

Q = Quanah; C = Cache