TABLE 6.—BULK-ROCK CHEMISTRY OF WICHITA GRANITE UNITS IN EASTERN WICHITA MOUNTAINS
(Modified from Myers and others, 1981, table 5)

Wt %	Mt. Scott(10)# A	Saddle Mountain(2)	Medicine Park(1)	Cache(2)	Quanah(4) A
SiO_2	72.3 (1.3-.6)+	74.2 (.2)	75.5	77.2 (.4)	76.2 (.9-.5)
TiO_2	.44 (.05-.03)	.41 (.02)	.24	.14 (.01)	.16 (.05-.04)
Al_2O_3	12.3 (.4-.3)	12.6 (.25)	11.7	11.7 (.05)	11.8 (.2-.1)
*Fe_2O_3	3.9 (.4-.3)	3.0 (.25)	2.4	1.3 (.4)	2.4 (.6)
MnO	.08 (.02-.08)	.04 (.01)	.00	.01 (.01)	.02 (.01)
MgO	.31 (.22-.31)	.31 (.06)	.05	.03 (.03)	.03 (.06-.03)
CaO	1.2 (.2-.2)	.76 (.17)	.37	.32 (.03)	.23 (.12-.15)
Na_2O	3.8 (.4-.7)	3.7 (.2)	2.9	3.5 (.2)	4.0 (.4-.6)
K_2O	4.3 (.05-.07)	4.43 (.03)	4.6	5.18 (.15)	4.75 (.3-.4)
P_2O_5	.08 (.06-.02)	.07 (.01)	.01	.01 (.01)	.01 (.01)
H_2O/LOI[x]	.34 (.3-.2)	.57 (.03)	.28	.34 (.14)	.56 (1.0-.4)
TOTAL	99.06	100.09	98.05	99.73	100.16
Sr ppm	91 (9-7) [6]#	ND	35 [1]	7 [1]	9 (4) [2]
Rb ppm	127 (8-11)	ND	140	231	169 (8)
Partial Norms					
qtz	31.6	33.8	41.0	36.5	34.4
or	25.7	26.2	27.7	30.7	28.0
ab	32.5	31.3	25.0	29.7	33.8
an	3.8	3.3	1.8	0.9	0.2

Number of analyses averaged.

+ Range of values is average; if 2 values, first is positive variation, second is negative.

* Total Fe as Fe_2O_3.

[x] H_2O + from the wet chemical analysis has been averaged with "loss on ignition" from the XRF data. These are not strictly comparable.

Analysis List

Mt. Scott: SQ, W78, W738, W7248A, W992, W998, C196, M1, WM9, IMS
Saddle Mtn.: W7125, C246
Medicine Park: W017
Cache: W743, WM1
Quanah: W984, W986, C193, C464