

4/6/81

for Joe & BKM

Element		Volcanics	Ultramafic	Graywacke
Na	Min	3250	79	1730
	Mean	21900	304	18440
	Max	52200	2310	30500
K	Min	1120	1	686
	Mean	9538	1293	15160
	Max	23700	11300	25800
Ca	Min	4410	794	207
	Mean	53360	10790	21320
	Max	99100	65800	61500
Mg	Min	3780	24500	5880
	Mean	28510	171100	18290
	Max	124000	329000	182000
Fe	Min	10600	33400	21400
	Mean	65770	41970	36100
	Max	107000	64000	73400
Al	Min	19200	206	4940
	Mean	64360	8565	67050
	Max	89100	64300	89300
Ti	Min	1190	20.3	294
	Mean	13870	967.1	3751
	Max	25800	14100	10900

Element		Volcanics	Ultramafic	Graywacke
P	Min	303	1	32.6
	Mean	1436	116.9	579.9
	Max	3240	1540	1400
Sr	Min	59	1	9.5
	Mean	241.4	45.4	22.89
	Max	480	286	489
Ba	Min	57.6	1	1
	Mean	274.6	102.7	63.1
	Max	2530	1100	1280
V	Min	1	1	1
	Mean	20.4	15.1	63.3
	Max	489	219	335
Cr	Min	1	202	36.6
	Mean	100.9	930	143.2
	Max	596	3060	1220
Mn	Min	533	1	33.1
	Mean	1365	724	834.8
	Max	6580	1270	6160
Co	Min	1.49	22.7	7.7
	Mean	27.9	76.4	18.8
	Max	54.6	97	113

Element		Volcanics	Ultramafic	Graywacke
Ni	Min	7.38	236	22.9
	Mean	82.34	1668	103
	Max	703	2150	1650
Cu	Min	1	5.47	12.3
	Mean	55.3	16.96	41.7
	Max	94.1	57.8	272
Mo	Min	1	1	1
	Mean	8.1	10.3	8.6
	Max	49.1	36.6	120
Pb	Min	1	1	1
	Mean	9.2	6.2	43.9
	Max	93.8	41.6	1070
Zn	Min	32.8	11.6	7.9
	Mean	78.1	32.3	62.6
	Max	136	78.7	446
Cd	Min	1	1	1
	Mean	1.8	1.48	1.8
	Max	6.6	4.85	9.1
Ag	Min	1	1	1
	Mean	1.4	1.49	1.1
	Max	6.54	9.23	7.6

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Au	Min	1	1	1
	Mean	1.5	3.5	1.37
	Max	9	16.1	8.86
As	Min	1	1	1
	Mean	13.8	1.9	18.4
	Max	559	15	213
Sb	Min	1	1	1
	Mean	10	3	13.7
	Max	67.5	32.9	66.4
Bi	Min	1	1	1
	Mean	2.4	4.5	1.29
	Max	38.5	57.4	37.4
U	Min	1		1
	Mean	72.4		38.3
	Max	3840		2070
Te	Min	1	1	1
	Mean	3.1	3.5	3.4
	Max	45.2	37.1	54.3
Sn	Min	1	1	1
	Mean	2.1	1.86	7.9
	Max	10.2	9.7	185

Element		Volcanics	Ultramafic	Graywacke
W	Min	1	1	1
	Mean	2.87	3.26	64.1
	Max	61.1	13	19700
Li	Min	6.4	1	1
	Mean	37.4	7.46	55.3
	Max	109	34.8	121
Be	Min	.5	.49	.62
	Mean	1.7	.75	1.58
	Max	3.9	1.65	10.4
B	Min	1	1	1
	Mean	18.3	74.2	17.5
	Max	165	304	154
Zr	Min	11.8	1	1
	Mean	165.3	9.1	28.79
	Max	841	112	120
La	Min	1	1	1
	Mean	20.4	4.9	20.6
	Max	79	23.8	39.5
Ce	Min	1	1	1
	Mean	42.5	2.95	35.6
	Max	148	53.9	96.2

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Th	Min	1		
	Mean	1.49		
	Max	49.7		
As*	Min			
	Mean			
	Max			
Hg	Min			
	Mean			
	Max			
	Min			
	Mean			
	Max			
	Min			
	Mean			
	Max			
	Min			
	Mean			
	Max			
	Min			
	Mean			
	Max			