

Sample No.	4.1	6.2	18.4	23.1	4.2	18.5	19.1	21.2	21.1	23A.1	26
Rock Type	Sandstone	Sandstone	Sandstone	Sandstone	Sandstone	Sandstone	Sandstone	Sandstone	Sandstone	Sandstone	Tuff (KR)
SiO ₂	44.95	36.77	56.42	63.87	59.57	56.78	61.84	62.69	60.26	63.29	73.29
Al ₂ O ₃	10.54	8.30	14.48	17.00	13.79	15.9	13.64	16.63	18.09	16.12	12.7
Fe ₂ O ₃	3.48	2.88	4.06	4.03	4.79	5.25	4.72	4.28	4.96	3.95	1.37
MgO	1.84	1.20	2.49	1.71	2.75	3.2	1.83	1.31	2.12	1.5	0.32
CaO	18.94	25.41	10.33	5.08	7.8	9.19	6.74	5.89	7.72	5.19	0.53
Na ₂ O	1.69	1.24	2.43	2.91	2.02	2.16	2.15	2.21	2.21	2.28	2.23
K ₂ O	1.015	0.724	0.524	0.997	1.196	0.433	1.798	1.227	0.614	1.294	6.528
TiO ₂	0.359	0.269	0.459	0.512	0.498	0.529	0.459	0.543	0.621	0.466	0.068
MnO	0.298	0.881	0.778	0.094	0.098	0.446	0.118	0.084	0.089	0.139	0.038
P ₂ O ₅	0.087	0.065	0.093	0.049	0.062	0.043	0.058	0.071	0.05	0.062	0.007
LOI	16.30	21.77	7.91	3.50	7.61	5.57	6.47	4.69	3.01	5.2	2.46
Total	99.51	99.51	99.97	99.74	100.18	99.50	99.82	99.63	99.74	99.49	99.54
Zn	61.5	67.6	63.3	62.4	64.7	68.1	61.4	87.6	62.1	65.3	37.4
Cu	25.2	28.5	37.5	41.3	31.5	45.1	37.1	53.2	36.7	34.8	2.1
Ni	22.1	21.5	14.8	16.6	27.3	17.6	25.1	19.2	13.4	16.2	2.2
Cr	51.8	29.3	27.1	25.2	68	29.8	52.3	39.4	30.8	23	-0.8
V	101.4	65.7	133.7	128.1	142.1	218.4	124.1	264.2	149.9	116.1	2.9
Ba	238.9	285.5	135.5	170.5	212.9	120.8	306.6	151.6	225.4	314.6	781
Sc	10.2	5.2	23.1	28.9	21.1	37.7	20.3	44.6	31.7	27.5	2.7
La	23.7	8.2	9.9	6	14.8	1.6	14.8	3.6	48.1	2.5	7.4
Ce	31.2	16.4	20.6	17.9	29.3	9.5	29.3	15.2	77.5	13.2	19.4
Nd	11.5	11.4	10.5	10.3	12.3	6.5	12.8	9.4	26.1	8.3	11.5
U	1.4	0.3	0.5	0.8	1.4	0	1.9	0.4	4.6	0.3	0.4
Th	4	0.9	1.1	1.6	5.4	0.3	6	1.2	22	0.6	1.7
Pb	9.8	4.6	5.4	6.9	13	3.9	14.2	6.2	11.8	4.5	7.1
Nb	4.4	1.3	1.8	2.1	5.8	1.3	5.9	1.9	18.2	1.7	2.3
Zr	57.7	55.7	64.2	86.5	79.4	50.1	80.9	81.5	87.6	57.2	90.1
Y	25.9	24.1	31.3	18.7	20.3	20.1	20.7	25.2	26.3	18	25.9
Sr	217.3	158	166.2	167.2	270.1	156.8	185.6	150	95.7	174.3	170.6
Rb	31.6	12.6	12.3	18.6	35.5	9.8	56.6	24.1	112.9	15.2	26.4