

Unit Sample Rock type	I NPD 1 WP	I NPD 1 WP	I NPD 3 WP	I NPD 4 WP	I NPD 5 WP	I NPD 6 WP	I NPD 6 WP	II NPD 7 WP	II NPD 8 WP	II NPD 9 WP	III NPD 10-12 WP
(wt.%)											
SiO ₂	67.72	67.78	66.48	65.69	66.27	66.01	65.82	65.73	66.25	66.69	66.20
TiO ₂	0.62	0.61	0.60	0.61	0.61	0.61	0.63	0.62	0.61	0.57	0.63
Al ₂ O ₃	15.82	15.67	16.06	16.35	16.30	16.40	15.98	15.87	16.39	16.54	15.94
Fe ₂ O ₃ *	5.71	5.56	5.82	5.95	5.85	5.80	6.10	6.13	5.93	5.57	6.07
MnO	0.15	0.15	0.15	0.16	0.15	0.15	0.16	0.16	0.15	0.14	0.16
MgO	1.99	2.00	2.02	2.07	2.06	1.98	2.23	2.19	1.98	1.83	2.39
CaO	4.56	4.48	4.90	4.99	4.95	4.91	4.95	4.70	4.87	4.78	4.99
Na ₂ O	3.43	3.40	3.47	3.45	3.47	3.49	3.42	3.39	3.50	3.50	3.52
K ₂ O	2.01	2.05	1.84	1.75	1.81	1.80	1.76	1.82	1.80	1.86	1.81
P ₂ O ₅	0.05	0.05	0.15	0.14	0.14	0.14	0.14	0.09	0.12	0.11	0.05
Total	102.05	101.74	101.48	101.16	101.61	101.28	101.19	100.71	101.60	101.58	101.76
(ppm)											
Rb	42	43	40	37	40	39	40	39	39	41	40
Sr	302	306	325	329	332	322	321	310	328	326	328
Nb	3	3	4	4	4	4	4	3	4	3	4
Y	22	22	24	34	24	22	23	23	22	21	26
Zr	105	109	111	107	106	104	105	112	109	107	109
V	82	82	84	72	92	85	83	91	91	84	92
Ba	580	653	604	568	578	569	543	557	596	568	524
Unit Sample Rock type	I NPD 6 GP	I NPD 6 GP	I NPD 6 GP	I NPD 6 GP	I NPD 1 BS	I NPD 2 BS	I NPD 3 BS	I NPD 4 BS	I NPD 5 BS	I NPD 6 BS	II NPD 7 BS
(wt.%)											
SiO ₂	66.06	67.25	67.02	65.39	64.18	59.95	59.01	60.74	64.65	59.34	59.42
TiO ₂	0.58	0.62	0.61	0.59	0.70	0.91	0.85	0.80	0.63	0.82	0.86
Al ₂ O ₃	16.17	16.07	15.94	15.68	16.62	17.95	18.08	17.53	16.25	17.47	17.92
Fe ₂ O ₃ *	5.64	6.14	6.03	5.85	7.14	8.62	8.63	8.06	6.44	8.45	8.51
MnO	0.14	0.15	0.15	0.15	0.20	0.20	0.22	0.21	0.17	0.22	0.22
MgO	1.91	2.06	2.03	2.00	2.52	2.95	3.07	2.88	2.19	2.98	3.06
CaO	4.89	4.96	4.86	4.85	5.52	7.00	7.37	7.02	5.35	7.13	7.39
Na ₂ O	3.55	3.53	3.48	3.50	3.31	2.97	3.32	3.41	3.46	3.34	3.38
K ₂ O	1.83	1.79	1.83	1.82	1.39	0.72	0.81	0.98	1.61	0.80	0.75
P ₂ O ₅	0.12	0.15	0.14	0.13	0.21	0.42	0.31	0.28	0.17	0.30	0.34
Total	100.89	102.72	102.08	99.95	101.78	101.69	101.66	101.91	100.91	100.83	101.86
(ppm)											
Rb	40	39	40	41	31	13	14	17	15	15	13
Sr	324	322	319	326	353	480	505	472	491	486	512
Nb	3	3	3	5	3	3	3	3	3	3	3
Y	23	25	23	20	26	29	29	28	30	28	29
Zr	104	105	103	106	109	109	103	101	101	103	102
V	84	89	83	80	92	86	76	85	77	88	91
Ba	539	516	534	546	416	283	287	312	262	274	250
Unit Sample Rock type	II NPD 9 BS	III NPD 10-12 BS	III NPD 10-12 BS	IV NPD 13 BS	IV NPD 14 BS	IV NPD 15 BS	III NPD 10-12 GS	III NPD 10-12 GS	IV NPD 13 GS	IV NPD 14 GS	IV NPD 15 GS
(wt.%)											
SiO ₂	58.05	59.85	59.69	58.41	59.77	59.63	57.16	56.51	57.51	56.39	59.49
TiO ₂	0.87	0.88	0.87	0.90	0.93	0.84	0.89	1.13	0.93	0.98	0.85
Al ₂ O ₃	18.14	17.62	17.05	18.09	16.54	16.88	18.66	17.84	18.65	18.90	17.09
Fe ₂ O ₃ *	8.79	8.40	8.97	8.93	9.69	8.59	9.09	11.27	9.34	9.96	8.65
MnO	0.23	0.21	0.22	0.21	0.22	0.21	0.23	0.24	0.22	0.22	0.21
MgO	3.17	3.20	3.24	3.31	3.33	3.07	3.22	4.00	3.35	3.50	3.17
CaO	7.39	6.77	6.72	7.21	6.60	6.86	7.25	6.54	7.52	7.31	7.07
Na ₂ O	3.34	3.44	3.30	3.22	3.27	3.31	3.06	2.85	3.11	2.93	3.30
K ₂ O	0.65	0.97	0.95	0.87	0.88	0.98	0.75	0.70	0.70	0.67	0.93
P ₂ O ₅	0.37	0.24	0.25	0.23	0.29	0.24	0.23	0.23	0.25	0.23	0.26
Total	101.00	101.58	101.26	101.37	101.49	100.61	100.55	101.31	101.57	101.08	101.00
(ppm)											
Rb	10	22	20	17	16	19	14	14	12	15	17
Sr	510	446	459	488	415	455	488	457	507	526	473
Nb	3	4	4	3	2	3	3	3	3	3	3
Y	29	29	30	29	29	30	27	31	30	29	29
Zr	102	110	111	105	104	102	110	125	107	117	104
V	87	109	94	100	107	99	104	110	100	106	98
Ba	228	329	296	427	311	310	469	542	418	454	310