

Supplementary 7, ESM_7. Содержания петрогенных оксидов (мас. %), редких и редкоземельных элементов (ppm) в диоритах Троснянского массива

Компоненты	3577/ 363.4	3577/ 381.4	3577/ 405	3577/ 406.6	3577/ 408	3577/ 409	3577/ 425	3577/ 480.6	2227/ 351
SiO ₂	56.23	62.01	56.44	55.99	55.69	59.89	58.11	55.78	66.47
TiO ₂	2.07	2.27	1.68	1.55	1.55	2.02	1.81	1.5	0.70
Al ₂ O ₃	16.33	12.89	15.03	18.28	18.28	14.73	15.35	17.2	13.17
Fe ₂ O ₃ tot	9.59	8.72	10.20	9.04	8.90	7.54	9.85	11.1	8.28
MgO	2.39	2.60	2.61	2.90	2.90	2.17	2.04	2.01	1.04
MnO	0.18	0.25	0.21	0.18	0.18	0.29	0.21	0.20	0.11
CaO	5.14	4.47	4.60	3.89	3.89	5.92	4.84	4.0	2.37
Na ₂ O	3.42	3.26	3.59	4.80	4.80	4.58	3.53	3.6	2.50
K ₂ O	1.89	2.51	1.88	1.90	1.90	1.93	1.72	2.5	3.90
P ₂ O ₅	0.76	0.41	0.39	0.22	0.33	0.38	0.60	0.79	0.28
П.п.п.	1.55	0.46	1.02	1.05	1.05	0.15	1.12	0.96	0.55
Сумма	97.30	99.84	99.05	99.80		99.59	99.18	99.64	
X _{Fe}	0.80	0.77	0.79	0.82		0.78	0.83	0.85	
K ₂ O/Na ₂ O	0.55	0.77	0.52	0.40		0.42	0.49	0.69	
K ₂ O+Na ₂ O	5.31	5.77	5.47	6.70		6.51	5.25	6.1	
A/CNK	0.96	0.69	0.92	0.73		0.74	0.93	0.74	
Li	17.9	26.0				18.5		17.5	
Sc	27.7	11.8				29.7		22.1	
V	32.3	88.9				31.5		29.5	
Cr	29.6	15.4				35.6		25.0	
Co	13.9	13.3				13.5		12.1	
Ni	25.5	13.9				23.7		25.9	
Ga	20.6	19.1				21.5		18.8	
Rb	50.6	44.7				64.9		72.2	
Sr	849	652				779		624	
Y	22.3	15.6				25.5		39.0	
Zr	395	114				171		118	
Nb	15.8	14.9				14.7		15.0	
Mo	1.4	1.7				1.8		1.4	
Cs	2.3	1.1				2.8		3.4	
Ba	2205	1483				1816		2055	
La	32.0	26.6				36.8		57.5	
Ce	70.4	51.5				76.0		126.6	
Pr	8.2	5.5				8.8		14.8	
Nd	34.7	22.5				36.7		58.9	
Sm	7.1	4.3				7.0		10.9	
Eu	4.7	4.2				4.3		4.8	
Gd	6.8	3.9				6.4		9.8	
Tb	0.91	0.55				0.90		1.3	
Dy	5.1	2.8				4.8		7.0	
Ho	0.99	0.54				0.91		1.30	
Er	2.8	1.6				2.5		3.6	
Tm	0.38	0.21				0.32		0.43	
Yb	2.6	1.4				2.1		2.7	
Lu	0.40	0.21				0.31		0.38	
Hf	8.1	2.6				3.9		2.9	
Ta	1.15	0.86				0.84		0.94	
Tl	-	0.24				0.37		0.34	
Pb	12.6	10.3				9.8		12.5	
Bi	0.11	0.047				0.076		0.092	
Th	3.5	3.5				5.9		17.9	
U	1.4	0.92				1.5		3.7	
ΣREE	177	122				165		211	
Eu/Eu*	2.1	3.1				1.9		1.8	
(Gd/Yb) _n	2.2	2.3				2.5		3.0	
(La/Yb) _n	8.8	13.6				12.6		15.3	
(La/Sm) _n	2.9	0.49				3.5		0.22	
Sr/Y	38	26				31		16	