

Table 2S. Whole-rock analyses of 11 selected samples from the Versoyen Complex (Units 1-2a-2b).

Rock type	Metabasalt	Metabasalt	Metabasite	Peridotite	Metabasite	Black schist	Metagabbro	Tonalite	Tonalite	Amphibolite	Trondhjemite
Location	Veys	Ermite	Verney	Miravidi	Miravidi	Miravidi	Tormottaz	Tormottaz	Tormottaz	Tormottaz	Punta Rossa
X (*)	45.6970	45.7005	45.6960	45.7141	45.7109	45.7113	45.7065	45.7060	45.7060	45.7068	45.7000
Y (*)	6.8277	6.8424	6.8715	6.8202	6.8115	6.8218	6.8545	6.8537	6.8537	6.8540	6.8597
Unit	Unit 1	Unit 1	Unit 1	Unit 2a	Unit 2a	Unit 2a	Unit 2b	Unit 2b	Unit 2b	Unit 2b	Unit 2b
Sample	VEISS	ERMI9	VERN7	MIRA1	MIRA2	MIRA4	TORM8	TOR0001A	TOR0001B	TOR0003	PROS3
(wt%)											
SiO ₂	52.11	46.76	48.36	40.2	49.57	52.9	49.28	63.68	64.14	58.78	78.17
TiO ₂	1.99	2.16	2.17	0.05	1.84	0.68	2.345	0.59	0.62	0.83	0.06
Al ₂ O ₃	14.2	14.183	15.14	2.39	14.66	15.32	15.47	14.38	15.52	19.84	12.58
Fe ₂ O _{3t}	10.21	12.6	11.65	8.39	12.28	7.17	11.66	5.67	5.5	7.54	0.74
MnO	0.20	0.25	0.20	0.10	0.22	0.29	0.26	0.23	0.24	0.18	0.05
MgO	6.48	8.447	7.56	37.00	7.99	3.14	5.949	3.61	3.53	2.73	0.28
CaO	9.93	8.581	8.53	0.17	7.13	7.53	6.14	1.29	1.44	0.15	0.26
Na ₂ O	3.18	3.261	3.9	0.01	4.1	1.17	5.275	5.9	6.52	0.42	6.23
K ₂ O	0.01	0.04	0.01	<0.01	0.02	2.73	< L.D.	0.1	0.21	4.54	0.91
P ₂ O ₅	0.24	0.24	0.27	<0.01	0.19	0.11	0.34	0.07	0.07	0.15	0.02
LOI	2.08	2.99	2.98	11.77	2.96	8.71	3.03	2.91	2.9	4.83	0.9
Sum	100.8	99.5	101.25	100.85	101.2	99.89	99.74	98.53	100.85	100.2	100.4
S	bd		0.1	0.11	0.03	0.01	bd	0.01	0.03	0.02	0.08
C	0.02		0.12	0.05	0.02	1.79	bd	0.18	0.25	0.57	0.12
(ppm)											
Li	20		30	bd	30	70	bd	30	30	40	bd
Cs	0.03	0.11	0.09	0.25	0.03	8.41	0.06	0.23	0.44	10.4	0.37
Rb	0.2	0.43	bd	bd	bd	124	0.27	3.3	7.1	189.5	31.1
Ba	1.9	5.60	1.6	1.2	7.3	222	9.75	28.4	55.9	484	77.6
Sr	162.5	223	233	4	136.5	110	210.27	20.7	24.8	71.9	12.6
U	0.11	0.14	0.12	bd	0.14	1.95	0.19	1.98	2.24	2.36	4.14
Th	0.32	0.34	0.34	bd	0.37	9.63	0.49	8.51	9.25	11.95	12.8
Ta	0.2	0.34	0.2	bd	0.2	0.7	0.54	0.8	0.9	1.00	2.3
Nb	4.5	4.07	5.8	0.1	4.2	12.6	6.61	12.4	13.4	16.3	12.3
Hf	3.6	4.11	4	bd	3.3	2.7	5.73	2.6	2.9	3.7	3.6
Zr	158	163	170	bd	142	97	245	93	99	131	91
Y	38.6	41.42	38.5	2.2	33.3	24.5	54.30	12.8	10.8	16.9	32.2
V	290	285	300	68	272	137	290	126	138	176	25
Sc	33	38.76	33	9	35	15	39.41	12	11	18	2
Co	28	44.28	41	105	38	20	29.14	23	22	18	2
Cr	130	213	150	1650	90	100	63.22	80	90	120	bd
Ni	57	193	122	2030	81	56	32.22	68	65	73	bd
La	6.3	6.55	6.9	0.2	5.7	35.7	9.28	19	10.2	29.2	13.8
Ce	18.1	19.27	20.5	0.1	16.1	74.6	26.86	40.6	22.6	62.2	29.1
Pr	3.04	3.17	3.31	0.03	2.69	7.57	4.38	4.35	2.56	6.39	3.34
Nd	16.5	16.36	18.1	0.2	15.00	31.1	22.16	17.5	10.4	25.2	13.2
Sm	5.06	5.17	4.95	0.14	4.5	5.76	6.82	3.09	2.17	3.99	3.47
Eu	1.83	1.72	1.85	0.08	1.5	1.11	2.22	0.64	0.49	0.85	0.23
Gd	7.03	5.97	7.18	0.3	5.97	5.2	7.76	2.75	1.95	3.54	3.9
Tb	1.14	1.08	1.17	0.04	1.00	0.82	1.40	0.41	0.3	0.51	0.81
Dy	7.18	7.24	7.00	0.37	6.12	4.73	9.3	2.36	1.82	3.07	5.88
Ho	1.54	1.59	1.5	0.08	1.32	0.89	2.04	0.45	0.39	0.63	1.22
Er	4.29	4.34	4.35	0.24	3.82	2.44	5.67	1.48	1.32	1.84	3.53
Tm	0.58	0.64	0.64	0.05	0.56	0.36	0.84	0.2	0.17	0.28	0.54
Yb	3.83	4.14	3.84	0.25	3.39	2.31	5.40	1.43	1.35	1.83	3.36
Lu	0.57	0.63	0.56	0.04	0.5	0.32	0.83	0.22	0.2	0.24	0.47