Table 2
Description, location, Sr and Nd isotope compositions, and Sr and carbonate contents of samples from the southern wall

Sample number	Types of rock	Depth	Latitude	Longitude	$CaCO_3$ content	Sr	Nd	$^{87}Sr/^{86}Sr$	$^{143}Nd/^{144}Nd$	ε_{Nd} [b]
		(mbsl)	N	W	wt.%	(ppm)	(ppm)	(±2σ int. error × 10^5)	(±2σ int. error × 10^5)	(±2σ int. error)
3651-1252	Serpentinite	795	30°7.407″	42°6.968′	0.07	3.4	0.14	0.708902 ± 13	0.513018 ± 35	7.4 ± 0.69
3863-1301	Serpentinite	834	30°7.512′	42°7.410′	0.06	3.8	0.43	0.709068 ± 10	0.513215 ± 13	11.3 ± 0.26
3863-1526	Serpentinite	778	30°7.476′	42°7.140′	4.18	30.0	0.33	0.709089 ± 10	0.512557 ± 20	−1.6 ± 0.39
3867-1623	Serpentinite	759	30°7.482′	42°7.140′	0.05	3.5	0.43	0.708994 ± 13	0.513202 ± 10	11.0 ± 0.20
3872-1136	Serpentinite	798	30°7.482′	42°7.134′	0.08	3.7	0.56	0.709002 ± 19	0.512887 ± 17	4.9 ± 0.33
3873-1245	Serpentinite	956	30°7.356′	42°7.806′	1.00	22.0	0.08	0.709126 ± 10	0.513064 ± 82	8.3 ± 1.61
3873-1300	Serpentinite	950	30°7.338′	42°7.776′	0.42	3.9	0.06	0.709051 ± 11	0.512742 ± 58	2.0 ± 1.12
3876-1310	Serpentinite	774	30°7.656′	42°7.834′	0.26	5.2	0.07	0.709180 ± 14	0.512397 ± 26	−4.7 ± 0.52
3877-1158	Serpentinite	1115	30°7.026′	42°7.122′	0.11	3.2	0.55	0.709075 ± 17	0.512894 ± 16	5.0 ± 0.32
3877-1307	Serpentinite	1017	30°7.218′	42°7.140′	0.44	50.9	0.59	0.709139 ± 12	0.512926 ± 19	5.6 ± 0.36
3877-1344	Serpentinite	913	30°7.320′	42°7.206′	0.04	2.5	0.08	0.709024 ± 13	0.512997 ± 54	7.0 ± 1.05
3877-1406	Serpentinite	908	30°7.320′	42°7.200′	0.16	4.1	0.26	0.709098 ± 12	0.512576 ± 70	−1.2 ± 1.37
3879-1253	Serpentinite	847	30°7.476′	42°7.170′	1.92	39.0	0.57	0.709012 ± 10	0.512932 ± 18	5.7 ± 0.35
3881-1119	Serpentinite	860	30°7.404′	42°7.128′	0.00	< d.l.	0.21	0.709119 ± 27	0.512903 ± 39	5.2 ± 0.75
3881-1132a	Serpentinite	822	30°7.422′	42°7.098′	0.17	5.5	0.11	0.708932 ± 14	0.513155 ± 44	10.1 ± 0.85
H03-R2243	Serpentinite	834	30°7.246′	42°7.113′	1.05	90.0	0.06	0.708855 ± 13	0.512432 ± 141	−4.0 ± 2.75
H03-R2301	Serpentinite	820	30°7.246′	42°7.109′	0.12	7.0	2.36	0.709027 ± 11	0.513138 ± 16	9.8 ± 0.31
3645-1145	Basalt[a]	957	30°7.355′	42°7.826′	0.50	108.0	11.00	0.703456 ± 16	0.513198 ± 09	10.9 ± 0.17
3863-1236	Chlorite blackwall	837	30°7.512′	42°7.416′	0.05	4.0	0.39	0.705951 ± 16	0.513146 ± 09	9.9 ± 0.19
3863-1419	Talc-rich rock	794	30°7.542′	42°7.356′	0.01	6.0	1.43	0.705648 ± 13	0.513129 ± 23	9.6 ± 0.45
3863-1425	Talc-rich rock	794	30°7.542′	42°7.356′	0.02	5.0	0.79	0.707431 ± 14	0.513199 ± 08	10.9 ± 0.15
3873-1124	Talc-rich rock	959	30°7.416′	42°7.842′	0.33	7.0	0.46	0.707677 ± 13	0.513089 ± 25	8.8 ± 0.49
3873-1344	Talc-rich rock	923	30°7.332′	42°7.686′	0.31	11.0	4.40	0.705337 ± 16	0.512900 ± 07	5.1 ± 0.14
3873-1250	Amphibole schist	956	30°7.338′	42°7.776′	0.00	6.5	2.22	0.704439 ± 16	0.513163 ± 05	10.2 ± 0.10
3877-1313	Amphibole schist	1009	30°7.224′	42°7.140′	0.75	6.9	2.12	0.704837 ± 15	0.513356 ± 38	14.0 ± 0.73
3865-1245	Amphibole schist	795	30°7.452′	42°7.218′	0.01	8.1	7.00	0.704405 ± 16	0.513179 ± 07	10.6 ± 0.13
3867-1254	Gabbro	843	30°7.356′	42°7.200′	0.01	137.0	3.08	0.704294 ± 13	0.513187 ± 05	10.7 ± 0.11
3867-1603	Gabbro	748	30°7.488′	42°7.134′	0.01	139.0	1.84	0.703422 ± 11	0.513178 ± 08	10.5 ± 0.15
3876-1117	Gabbro	869	30°7.458′	42°7.122′	0.01	119.0	3.08	0.703208 ± 12	0.513191 ± 07	10.8 ± 0.14
3876-1215	Gabbro	798	30°7.482′	42°7.140′	0.09	10.0	5.85	0.704619 ± 13	0.513192 ± 07	10.8 ± 0.14
3880-1349	Gabbro	819	30°7.236′	42°7.086′	n.d.	49.6	54.40	0.703630 ± 14	0.513206 ± 06	11.1 ± 0.11

[a] The basalt analyzed is a large clast in sedimentary breccia and is considered to be debris slide material from the hanging wall (Karson et al., 2006).

[b] Epsilon values were calculated with Eq. (1) from the initial $^{143}Nd/^{144}Nd$ relative to CHUR (Nd) = 0.512638 (Jacobsen and Wasserburg, 1980). Average bulk rock compositions of the serpentinites from the southern wall are reported in Boschi et al. (2006).