Table S3. Compilation of Nb/Ta and Zr/Hf data from mafic and intermediate igneous rocks in the Jiangnan Orogen used for figure 5. Note this compilation includes both new and previously published data, and superchondritic Nb/Ta are shown in bold. SA denotes the Shuangxiwu arc located in the eastern end of the Jiangnan Orogen.

Sample	rock type	Sampling localities	t (Ma)	SiO_2	LOI	Nb/Ta	Zr/Hf	Ti/Eu	Ce/Y	$(Sm/Yb)_N$	Reference
Data with frequently superchondritic Nb/Ta											
12gys-1	Mafic dykes	South Anhui, close to SA	780	50.81	4.53	**21.5**	37.2	5722	1.34	1.4	this study
12gys-2			780	52.39	5.22	19.6	34.0	6539	0.95	1.4	this study
14gys-1			780	52.05	4.00	**21.3**	35.4	5077	1.47	1.4	this study
14gys-2			780	55.81	3.48	**20.8**	34.8	5471	1.35	1.4	this study
14gys-3			780	49.86	6.70	**21.3**	34.3	5782	1.38	1.4	this study
14gys-4			780	52.07	2.73	**20.7**	33.8	5292	1.42	1.4	this study
14gys-5			780	52.29	2.56	**24.1**	38.1	6424	1.23	1.6	this study
14gys-6			780	51.30	5.50	**24.5**	37.7	7637	1.32	1.5	this study
14gys-7			780	50.59	3.25	**21.7**	35.1	6574	1.03	1.2	this study
14gys-9			780	54.24	4.85	**21.3**	34.7	6356	1.00	1.3	this study
14gys-10			780	48.04	7.85	**22.4**	34.5	5219	1.78	1.5	this study
03SC05–4	Basalt	Tianli, close to SA	827	51.31	6.74	**22.1**	41.0	5341	4.59	5.40	Li et al. (2008a)
03SC05–5			827	51.61	5.04	**20.9**	41.4	5043	5.30	5.54	Li et al. (2008a)
03SC05–6			827	51.79	4.9	**20.8**	41.2	5189	4.75	5.25	Li et al. (2008a)
03SC05–7			827	52.85	4.85	**20.6**	41.9	5319	5.19	5.67	Li et al. (2008a)
03SC05–8			827	50.99	5.45	**22.0**	42.2	5263	4.86	5.54	Li et al. (2008a)
03SC05–9			827	52.05	5.66	**20.8**	41.6	5592	4.32	4.78	Li et al. (2008a)
03SC05–10			827	53.38	4.89	**20.5**	41.0	5327	5.01	5.79	Li et al. (2008a)
03SC05–1	Andesite		827	57.62	1.79	14.3	38.8		4.41	3.10	Li et al. (2008a)
03SC05–2			827	57.85	3.05	14.1	39.3		3.73	2.55	Li et al. (2008a)
03SC05–3			827	62.74	2.03	13.6	39.8		3.98	2.66	Li et al. (2008a)
03SC06–1			827	63.17	2.21	13.4	38.3		3.58	2.58	Li et al. (2008a)
03SC06–2			827	59.46	2.93	14.3	38.1		2.96	2.36	Li et al. (2008a)
03SC06–3			827	62.91	2.61	13.4	34.4		3.85	2.93	Li et al. (2008a)
03SC06–4			827	59.57	3.01	13.8	37.6		2.89	2.47	Li et al. (2008a)
02SC09–4			827	65.6	4.03	10.9	36.1		4.17	2.69	Li et al. (2008a)
02SC10–1			827	61.32	2.74	12.1	36.5		4.92	3.37	Li et al. (2008a)

1194	Quartz diorite	Fengqiao, close to SA	854	55.56	2.82	17.2	34.0		2.22	2.97	Yao et al. (2016a)
1194-1	Quartz diorite		857	55.83	2.81	16.3	34.0		2.22	3.23	Yao et al. (2016a)
1468-1	Andesitic porphyrite	Within SA	860	60.4	3.28	**20.2**	32.5	2889	1.41	1.25	Yao et al. (2016a)
1467	Gabbro		860	50.02	2.14	**20.2**	35.0	7270	1.29	1.51	Yao et al. (2016a)
1472	Gabbro	Shijiao (near Chencai)	860	44.92	0.94	17.0	34.4		0.86	2.42	Yao et al. (2016a)
1472-4			860	42.25	1.3	**27.2**	34.1	7910	1.19	2.41	Yao et al. (2016a)
1472-7			860	52.34	1.46	18.4	36.1		1.18	2.41	Yao et al. (2016a)
1472-12			860	47.36	1.47	**22.1**	35.1	10293	1.35	2.18	Yao et al. (2016a)
1472-13			860	50.96	1.7	**21.2**	43.4	5421	1.76	1.86	Yao et al. (2016a)
1472-15			860	52.15	1.64	**20.1**	37.3	4716	1.28	2.49	Yao et al. (2016a)
1472-18			860	53.46	1.24	17.9	31.8		1.61	2.04	Yao et al. (2016a)
1472-8	Amphibole pyroxenite		860	33.33	5.9	19.7	32.7		0.54	2.34	Yao et al. (2016a)
1472-11			860	51.12	1.26	**21.4**	42.9	4490	1.25	2.28	Yao et al. (2016a)
1472-14			860	45.24	1.92	10.7	32.0		1.25	2.14	Yao et al. (2016a)
1472-17			860	47.58	1.09	17.7	34.2		1.21	2.17	Yao et al. (2016a)
13ZJ-5-2	Diabase	Within SA	770	41.51	10.30	**22.2**	36.6	6425	0.95	1.31	Zhang et al. (2018)
13ZJ-9-1			770	51.28	4.10	**23.9**	34.4	4395	1.52	1.40	Zhang et al. (2018)
13ZJ-9-2			770	51.65	3.54	**22.9**	33.4	3456	1.42	1.35	Zhang et al. (2018)
13ZJ-9-3			770	49.86	4.54	**23.3**	48.6	4877	1.45	1.42	Zhang et al. (2018)
13ZJ-9-4			770	50.06	4.50	**23.1**	34.6	3915	1.49	1.40	Zhang et al. (2018)
13ZJ-9-5			770	48.64	4.33	**23.9**	49.1	4833	1.48	1.39	Zhang et al. (2018)
13ZJ-9-6			770	51.13	4.75	**24.0**	48.7	4128	1.44	1.41	Zhang et al. (2018)
13ZJ-9-7			770	50.35	5.37	12.8	48.5		1.49	1.42	Zhang et al. (2018)
13ZJ-10-2	Diorite		770	58.64	4.38	**26.1**	38.8	1616	1.83	1.50	Zhang et al. (2018)
13ZJ-10-3	Diabase		770	45.54	5.31	**24.7**	37.9	5619	1.25	1.77	Zhang et al. (2018)
13ZJ-10-5			770	45.72	4.16	**23.8**	37.7	5866	1.42	1.66	Zhang et al. (2018)
14HSZ-20			770	50.40	4.02	7.4	38.9		0.95	1.64	Zhang et al. (2018)
14HSZ-21			770	48.34	4.12	14.6	40.8		1.43	2.06	Zhang et al. (2018)
14HSZ-22			770	46.86	4.50	16.1	47.6		1.00	1.95	Zhang et al. (2018)
14HSZ-1	Diorite		770	61.19	1.78	14.0	30.7		1.37	1.90	Zhang et al. (2018)
14HSZ-3-3	Diabase		770	48.76	3.75	16.9	48.2		1.04	2.08	Zhang et al. (2018)
14HSZ-4-2	Diorite		770	59.08	2.54	19.5	50.7		0.94	1.62	Zhang et al. (2018)

14HSZ-4-4	Diabase		770	44.65	7.39	16.6	47.7		0.94	1.92	Zhang et al. (2018)
14HSZ-7-1			770	52.82	4.08	14.2	34.7		1.06	1.52	Zhang et al. (2018)
14HSZ-7-2			770	50.39	3.74	16.8	37.1		1.02	1.61	Zhang et al. (2018)
14HSZ-7-3			770	49.66	5.11	13.2	34.8		0.88	1.47	Zhang et al. (2018)
15ZJ-1-1			770	47.46	4.09	**25.3**	40.1	6917	0.99	2.02	Zhang et al. (2018)
15ZJ-2-1			770	48.18	4.82	**32.7**	41.2	6747	0.99	1.86	Zhang et al. (2018)
15ZJ-2-2			770	44.14	5.25	**30.6**	41.5	6874	0.96	1.91	Zhang et al. (2018)
15ZJ-8-2	Diorite		770	61.45	2.02	**24.0**	36.8	3198	1.37	2.00	Zhang et al. (2018)
15ZJ-9-1	Diabase		770	47.95	3.92	**19.9**	43.1	6983	1.23	1.88	Zhang et al. (2018)
Data without frequently superchondritic Nb/Ta											
10GB3-1	High-Mg diorite	Dongma, west Jiangnan Orogen	837	61.90	4.5	11.9	37.8		1.69	1.77	Chen et al. (2014)
04DM-20			837	60.84	4.88	12.2	36.2		1.28	1.91	Chen et al. (2014)
04DM-21			837	59.21	5.06	11.0	37.0		1.21	1.69	Chen et al. (2014)
G-15			837	62.08	2.95					1.66	Chen et al. (2014)
04YBS-38	Diabase	Baotan, west Jiangnan Orogen	830	53.39	1.27	10.3	33.1		1.66	1.52	Chen et al. (2017)
04ZK-12			830	53.21	3.08	11.1	36.4		1.76	1.36	Chen et al. (2017)
04HGW-17			830	54.85	2.46	10.3	28.9		1.38	1.52	Chen et al. (2017)
04CD-6-1			830	53.30	1.74	7.9	25.1		4.38	3.88	Chen et al. (2017)
LJW-18	Diorite		830	56.67	2.14	10.4	30.4		2.02	1.68	Chen et al. (2017)
SM-42-1	Pyroxenite	Longsheng, west Jianognan Orogen	770	50.09	6.99	12.8	28.1		1.40	2.69	Chen et al. (2017)
SM-45-2			770	44.30	11.61	11.4	42.6		3.83	6.89	Chen et al. (2017)
SM-50-1			770	41.73	7.54	11.6	26.2		1.05	2.27	Chen et al. (2017)
SM-40-2			770	37.15	12.07	10.4	29.0		1.33	2.44	Chen et al. (2017)
SM-41-2			770	39.57	10.02	12.1	29.2		1.29	1.53	Chen et al. (2017)
04LS-42-1	Diabase		770	47.50	10.84	9.2	33.0		4.67	6.13	Chen et al. (2017)
04LS-43			770	45.01	5.22	10.4	34.3		1.82	2.83	Chen et al. (2017)
04LS-49			770	47.53	7.64	10.9	27.6		2.15	3.25	Chen et al. (2017)
04LS-46			770	50.18	6.26	9.5	35.6		1.49	2.38	Chen et al. (2017)
04LS-45-2			770	47.17	4.96	12.1	22.6		2.70	4.16	Chen et al. (2017)
06ps-4-1	Nb-enriched basaltic porphyrys	Pingshui, close to SA	916	48.96	2.47	14.0	43.0		1.33	2.90	Chen et al. (2009a)
06ps-4-2			916	51.95	2.41	13.8	42.4		1.24	2.95	Chen et al. (2009a)

06ps-4-3			916	49.87	2.91	13.0	45.0		1.33	2.96	Chen et al. (2009a)
06ps-4-4			916	49.91	2.33	13.5	42.5		1.24	2.95	Chen et al. (2009a)
07ps-1-1	High-Mg diorite		932	55.96	1.53	13.9	36.1		3.63	3.37	Chen et al. (2009a)
07ps-1-2			932	55.68	1.66	14.2	36.8		3.62	3.43	Chen et al. (2009a)
07ps-1-5			932	57.16	1.06	13.5	37.2		3.53	3.55	Chen et al. (2009a)
07ps-1-7			932	58.01	1.66	14.3	37.1		3.60	3.55	Chen et al. (2009a)
06ps-1-2	Keratophyre	Pingshui, close to SA	904	65.36	2.18	17.0	37.5		3.86	3.54	Chen et al. (2009b)
06ps-1-3			904	65.4	2.19	16.9	35.9		3.95	3.62	Chen et al. (2009b)
06ps-1-5			904	63.99	2.06	17.9	36.6		3.30	3.40	Chen et al. (2009b)
06ps-1-6			904	62.95	2.58	17.9	38.0		3.61	3.60	Chen et al. (2009b)
06ps-1-7			904	62.5	2.31	16.8	41.0		3.65	4.08	Chen et al. (2009b)
06ps-1-8			904	65.68	2.75	18.8	33.4		2.54	2.71	Chen et al. (2009b)
14sx-15	Diorite	Shexian, close to SA	862	57.76	3.19	19.1	34.7		2.88	1.54	Cui et al. (2017)
14sx-16			862	63.01	4.38	19.0	34.1		2.82	1.64	Cui et al. (2017)
14sx-17	Gabbro		874	50.15	3.34	16.5	32.9		0.77	0.98	Cui et al. (2017)
14sx-18	Diorite		862	64.47	2.67	19.6	34.2		3.18	1.83	Cui et al. (2017)
14sx-19			862	64.84	3.28	19.8	34.7		3.23	1.81	Cui et al. (2017)
14sx-20	Gabbro		874	46.41	6.60	18.7	46.4		0.79	0.97	Cui et al. (2017)
14sx-21	Diorite		862	52.44	2.71	19.4	33.2		1.24	1.15	Cui et al. (2017)
14sx-22	Gabbro		874	52.85	3.05	18.2	33.4		1.48	1.32	Cui et al. (2017)
14sx-23			874	48.70	5.82	19.2	45.7		1.19	1.34	Cui et al. (2017)
14sx-24	Diorite		862	57.35	6.07	19.2	35.1		2.54	1.60	Cui et al. (2017)
14sx-25	Gabbro		874	47.67	3.93	18.6	31.2		1.01	1.09	Cui et al. (2017)
14sx-26			874	49.25	3.96	17.9	44.9		0.51	0.82	Cui et al. (2017)
FC-2A	Harzburgite	Fuchuan, close to SA		39.48						0.47	Ding et al. (2008)
FC-2B				40.82						0.59	Ding et al. (2008)
FC-06B				39.46						0.23	Ding et al. (2008)
FC-08B				39.97						0.26	Ding et al. (2008)
FC-09C				39.94						0.93	Ding et al. (2008)
FC-17A				40.3						1.05	Ding et al. (2008)
FC-18				39.64						0.37	Ding et al. (2008)
FC-19				39.02						0.79	Ding et al. (2008)

FC-22	wehrlite			39.06						1.16	Ding et al. (2008)
JR-268a	Spilite	Lushan, central Jiangnan Orogen	840	48.44	5.12	11.6	37.4		1.10	2.03	Dong et al. (2010)
JR-268e			840	52.64	1.28	13.2	36.6		1.50	2.20	Dong et al. (2010)
JR-269a			840	50.53	3.05	13.3	31.7		1.39	2.63	Dong et al. (2010)
JR-266b	Keratophyre		840	57.44	1.61	12.3	33.9		1.35	1.77	Dong et al. (2010)
97GX-5	Pyroxene peridotite	Baotan, west Jiangnan Orogen	830	45.04	4.14	13.5	41.3		0.54	1.40	Ge et al. (2000a)
97GX-7	Gabbro		830	49.48	2.66	13.2	41.9		1.25	1.44	Ge et al. (2000a)
98GX12-2			830	51.46		11.3	34.1		0.80	1.31	Ge et al. (2000a)
98GX18-1	Diorite		830	57.50		12.8	36.5		1.60	1.48	Ge et al. (2000a)
98GX19-1	Dolerite		830	55.00		12.6	39.4		1.57	1.44	Ge et al. (2000a)
98GX19-3			830	56.66		12.5	36.3		1.63	1.45	Ge et al. (2000a)
98GX19-4	Gabbro-dolerite		830	52.66		12.0	38.7		1.17	1.44	Ge et al. (2000a)
98GX23	Dolerite		830	53.50		12.2	35.9		1.64	1.53	Ge et al. (2000a)
98GX37-2			830	53.36		12.7	35.6		1.22	1.46	Ge et al. (2000a)
98GX40-1	Diorite		830	58.10		13.0	46.7		1.71	1.52	Ge et al. (2000a)
98GX40-2			830	57.20		12.8	36.7		1.68	1.58	Ge et al. (2000a)
LPC-47	Olvine pyroxenite		830	47.20			27.8		0.61	1.49	Ge et al. (2000a)
LPC-49	Pyroxene peridotite		830	44.98			22.1		0.51	1.36	Ge et al. (2000a)
97GX50	Spilite	Longsheng, west Jiangnan Orogen	770	47.68	6.43	11.7	37.7		0.84	2.12	Ge et al. (2000b)
97GX52			770	50.07	4.34	11.9	35.8		0.63	1.72	Ge et al. (2000b)
97GX64			770	56.24	3.22	11.2	34.3		0.81	1.73	Ge et al. (2000b)
97GX54	Pyroxene peridotite		770	43.55	5.79	11.7	39.5		0.92	1.83	Ge et al. (2000b)
97GX56			770	44.40	8.94	11.2	36.9		1.21	2.33	Ge et al. (2000b)
97GX60			770	42.91	7.83	9.7	34.9		0.86	1.87	Ge et al. (2000b)
97GX57-5	Gabbro		770	44.37	4.98	12.0	36.5		1.38	2.39	Ge et al. (2000b)
97GX57-6			770	49.94	4.48	12.0	41.3		1.16	2.21	Ge et al. (2000b)
97GX57-8			770	52.03	2.49	12.2	37.5		1.23	2.10	Ge et al. (2000b)
97GX58			770	50.47	4.09	12.8	34.6		1.18	1.95	Ge et al. (2000b)
98GX42-1			770	48.65	4.95	13.2	39.5		1.15	2.03	Ge et al. (2000b)
98GX42-2	Dolerite		770	53.41	2.75	12.8	43.0		1.52	2.46	Ge et al. (2000b)
98GX5-1	Peridotite	Yuanbaoshan, west Jiangnan Orogen	825	47.05		11.8	35.2		0.45	1.58	Ge et al. (2001)
98GX6-3			825	48.49		10.7	31.4		0.47	1.82	Ge et al. (2001)

98GX7-2			825	43.27	2	10.5	29.7		0.85	1.98	Ge et al. (2001)
98GX8			825	44.00		10.6	32.9		0.75	2.40	Ge et al. (2001)
97GX-17		Baotan, west Jiangnan Orogen	825	51.61	2.42	11.4	34.6		2.85	2.61	Ge et al. (2001)
97GX-2	Dolerite		825	64.26	2.31	15.0	38.8		1.63	1.76	Ge et al. (2001)
97GX-20			825	61.55	3.02	13.4	39.7		0.70	1.99	Ge et al. (2001)
97GX-3	Dolerite		825	54.56	3.19	14.0	46.4		1.77	1.85	Ge et al. (2001)
01-4	Volcanics from the Wannian Group	Dexing, close to SA	844	52.53	7.82	5.5	37.4		0.84	1.99	Han et al. (2016)
01-5			844	54.14	7.08	6.5	31.1		0.88	1.85	Han et al. (2016)
01-9			844	64.67	4.88	8.3	38.7		1.87	2.29	Han et al. (2016)
01-10			844	64.06	4.74	7.4	38.2		2.46	3.13	Han et al. (2016)
08-1	Volcanics from the Pingshui Group	Pujiang, close to SA		46.32	5.54	12.3	27.9		0.84	1.84	Han et al. (2016)
08-2				46.51	3.96	12.2	25.5		0.71	1.62	Han et al. (2016)
08-4				49	5.34	13.7	27.4		0.55	1.06	Han et al. (2016)
08-5				45.14	5.22	17.2	27.6		0.64	1.46	Han et al. (2016)
08-8				46.27	4.47	16.8	25.0		0.70	1.60	Han et al. (2016)
926-4				48.52	5.04	15.8	34.2		0.56	1.62	Han et al. (2016)
JC13-1	Gabbro	Longsheng, western Jiangnan Orogen	806	45.22	5.21	9.9	35.9		0.95	1.59	Kou et al. (2018)
JC13-3			806	49.38	5.23	12.8	32.7		0.83	1.57	Kou et al. (2018)
JC13-4			806	43.87	8.68	10.1	34.6		0.75	1.37	Kou et al. (2018)
JC13-5			806	47.96	4.52	10.9	32.6		0.85	1.84	Kou et al. (2018)
JC13-6			806	50.21	3.35	10.7	33.2		0.85	1.75	Kou et al. (2018)
HQ13-8	Clinopyroxenite		806	42.82	8.19	11.0	34.3		0.77	2.18	Kou et al. (2018)
HQ13-9			806	43.06	8.37	10.6	32.7		0.76	1.88	Kou et al. (2018)
HQ13-10			806	43.00	8.9	13.6	37.2		0.97	2.10	Kou et al. (2018)
HQ13-11			806	46.68	6.58	10.7	32.6		0.99	2.30	Kou et al. (2018)
HQ13-12			806	42.68	8.23	10.5	40.3		0.80	1.84	Kou et al. (2018)
MD15-1	Gabbroic rocks	Anjiang/Aikou, central Jiangnan Orogen	774	45.64	10.72	15.7	35.8		2.82	3.67	Kou et al. (2018)
MD15-2			774	49.82	4.36	15.9	37.3		2.77	3.48	Kou et al. (2018)
MD15-3			774	50.25	6.12	16.0	37.1		2.93	3.69	Kou et al. (2018)
MD15-4			774	48.24	8.4	16.1	37.6		2.76	3.28	Kou et al. (2018)
MD15-5			774	47.75	11.4	15.6	36.6		2.97	3.71	Kou et al. (2018)
MD15-6			774	48.86	8.47	16.2	36.4		3.02	3.70	Kou et al. (2018)

MD15-7			774	54.03	6.68	16.6	38.0		3.00	3.57	Kou et al. (2018)
MD15-8			774	51.73	7.6	15.7	35.3		3.06	3.85	Kou et al. (2018)
MD15-9			774	54.74	6.36	15.2	36.7		3.16	3.49	Kou et al. (2018)
MD15-10			774	52.87	8.09	15.0	36.3		3.09	3.74	Kou et al. (2018)
MD15-11			774	55.58	7.46	14.7	35.6		3.49	3.76	Kou et al. (2018)
08XZ-4	Amphibolite	Xingzi, central Jiangnan Orogen	811	50.13	0.52	9.9	24.1		0.33	0.97	Li et al. (2013)
08XZ-5			811	50.23	0.5	9.4	29.7		0.35	0.91	Li et al. (2013)
11XZ-1-1			811	49.35	0.61	12.6	29.1		0.26	1.21	Li et al. (2013)
11XZ-1-2			811	49.19	0.63	13.5	29.7		0.26	1.23	Li et al. (2013)
11XZ-1-3			811	50.06	0.67	13.7	28.4		0.25	1.20	Li et al. (2013)
11XZ-1-4			811	49.29	0.83	13.5	27.3		0.26	1.24	Li et al. (2013)
11XZ-1-5			811	49.79	0.73	12.9	27.7		0.26	1.21	Li et al. (2013)
11XZ-1-6			811	50.82	0.57	13.6	27.0		0.27	1.25	Li et al. (2013)
11XZ-1-7			811	49.67	0.9	14.1	28.8		0.27	1.22	Li et al. (2013)
11XZ-1-8			811	51.96	0.8	13.2	27.2		0.28	1.23	Li et al. (2013)
11XZ-1-9			811	52.02	0.67	13.4	29.0		0.26	1.21	Li et al. (2013)
11XZ-1-10			811	49.57	1.03	13.7	27.6		0.25	1.19	Li et al. (2013)
08XQW-1	Basalts	Shaojiwa, central Jiangnan Orogen	828	55.18	2.43	11.5	36.7		1.29	1.56	Li et al. (2013)
08XQW-2			828	54.27	2.55	10.8	33.6		1.27	1.57	Li et al. (2013)
12JX-9-1			828	59.63	3.02	11.5	39.9		0.96	1.72	Li et al. (2013)
12JX-9-2			828	59.53	3.09	14.6	43.9		1.02	1.71	Li et al. (2013)
12JX-9-3			828	49.14	3.31	14.4	42.7		0.77	1.76	Li et al. (2013)
12JX-9-4			828	54.15	3.09	14.0	40.9		1.35	1.94	Li et al. (2013)
12JX-9-5			828	52.20	2.8	14.3	41.7		1.41	2.15	Li et al. (2013)
12JX-9-6			828	51.11	3.22	14.2	41.5		1.28	1.87	Li et al. (2013)
12JX-9-7			828	54.98	2.92	14.1	40.8		1.39	1.88	Li et al. (2013)
12JX-9-8			828	51.88	3.44	14.6	41.6		1.20	1.82	Li et al. (2013)
12JX-10-1			828	49.32	1.65	15.2	44.6		0.94	1.85	Li et al. (2013)
12JX-11-1			828	53.29	2.68	14.6	41.2		1.32	1.83	Li et al. (2013)
12JX-11-2			828	52.97	3.29	8.2	40.4		1.26	1.73	Li et al. (2013)
12JX-11-3			828	53.06	2.98	13.5	40.2		1.23	1.79	Li et al. (2013)
12JX-11-4			828	53.65	2.83	14.2	40.4		1.25	1.76	Li et al. (2013)

12JX-11-5			828	54.03	2.52	14.0	40.2		1.24	1.80	Li et al. (2013)
12JX-11-6			828	48.57	4.76	14.3	42.2		1.04	1.88	Li et al. (2013)
12JX-11-7			828	51.28	3.13	14.2	42.3		1.13	1.72	Li et al. (2013)
12JX-11-8			828	51.92	3.25	13.9	42.0		1.15	1.70	Li et al. (2013)
12WN6-2	Basalt	South Anhui, close to SA	829	51.1	2.62	10.3	29.5		0.21	0.90	Li et al. (2016)
12WN6-3			829	49.4	3.03	11.0	29.9		0.21	0.92	Li et al. (2016)
12WN6-4			829	49.1	3.09	10.8	31.8		0.20	0.93	Li et al. (2016)
12WN6-5			829	49.8	3.49	10.2	30.1		0.20	0.91	Li et al. (2016)
12WN6-6			829	48.5	2.65	11.3	32.7		0.22	0.94	Li et al. (2016)
12WN 12-3	Dacite	Jintan, close to SA	784	63.9	1.76	11.3	32.7		1.51	1.69	Li et al. (2018)
12WN 13-3			784	63.7	2.48	10.7	33.4		1.51	1.59	Li et al. (2018)
06GDB4-1	Basalt	Zhenzhushan, close to SA	849	52.06	11.93	16.4	41.6		0.82	1.27	Li et al. (2010a)
06GDB4-2			849	51.61	12.66	16.9	43.7		0.85	1.30	Li et al. (2010a)
06GDB4-3			849	52.17	11.41	17.3	42.4		0.97	1.44	Li et al. (2010a)
06GDB4-4			849	49.84	12.64	**20.9**	52.6	9406	0.86	1.48	Li et al. (2010a)
06GDB4-5			849	49.64	7.08	17.9	46.1		0.89	1.46	Li et al. (2010a)
06GDB4-6			849	49.22	13.74	17.9	46.8		0.89	1.49	Li et al. (2010a)
06GDB4-7			849	49.11	15.43	17.1	43.5		1.00	1.59	Li et al. (2010a)
06GDB4-8			849	50.28	18.43	16.1	42.9		1.16	1.78	Li et al. (2010a)
M88	Metavolcanics	NE Jiangxi, close to SA	1000				26.7		0.16	0.95	Li et al. (1997)
M126			1000				34.4		0.22	0.69	Li et al. (1997)
R149-1	Diorite		1000				34.3		0.33	1.25	Li et al. (1997)
R153	Dolerite		1000				37.9		0.79	1.45	Li et al. (1997)
AW-301	Spilite	Fuchuan, close to SA	825	54.58	3.94		38.5		1.15	1.71	Li et al. (1997)
AW-309			825	50.89	3.56		36.6		0.58	1.24	Li et al. (1997)
AW-376			825	53.22	4.4		38.6		1.62	2.07	Li et al. (1997)
AW-381			825	50.89	2.95		37.6		0.55	1.21	Li et al. (1997)
04ZJ68	Dolerite	Shenwu, within SA	849	50.54	2.72	18.6	43.2		0.96	1.94	Li et al. (2008b)
04ZJ69			849	50.15	2.68	18.7	42.1		0.96	1.84	Li et al. (2008b)
04ZJ70			849	49.17	3.58	18.7	43.5		0.97	1.87	Li et al. (2008b)
02SC40.1			849	50.48	3.2	15.2	36.9		1.15	1.97	Li et al. (2008b)
02SC40.2			849	50.96	3.61	15.7	37.4		1.21	1.88	Li et al. (2008b)

S1.6-1	Diabase	Daolingshan, within SA	790	52.32	5.22	14.3	38.7		1.28	2.09	Li et al. (2008b)
S1.6-2			790	51.43	0.1	13.9	38.5		1.16	1.82	Li et al. (2008b)
S1.6-3			790	48.33	6.28	14.3	37.6		1.51	2.45	Li et al. (2008b)
02SC49.2			790	48.02	13.95	14.7	35.5		1.10	1.97	Li et al. (2008b)
02SC49.3			790	49.09	9.61	13.9	39.6		1.05	1.83	Li et al. (2008b)
02SC51.1			790	52.23	0.12	14.4	39.3		1.23	1.96	Li et al. (2008b)
02SC50.2			790	51.22	3.36	15.4	36.2		1.01	1.78	Li et al. (2008b)
99SC73.1	Basalt	Shangshu, close to SA		50.88	5.13	17.6	37.5		0.56	1.55	Li et al. (2008b)
99SC73.2				51.14	5.4	17.2	37.7		1.13	1.88	Li et al. (2008b)
99SC73.3				49.58	6.94	18.7	37.9		0.66	1.68	Li et al. (2008b)
99SC73.4				51.37	4.39	16.8	44.9		0.99	1.97	Li et al. (2008b)
99SC73.5				47.52	7.24	17.5	42.9		0.81	1.90	Li et al. (2008b)
99SC73.6				46.98	5.68	17.5	44.7		0.61	1.64	Li et al. (2008b)
99SC75				52.56	5.27	17.3	37.4		1.02	1.54	Li et al. (2008b)
02SC73	Pingshui Formation	Within SA	970	54.46	4.47	16.6	35.3		1.92	2.59	Li et al. (2009)
02SC74.2			970	58.39	6.17	14.7	34.4		1.91	3.05	Li et al. (2009)
02SC75			970	56.79	5.45	14.0	37.2		1.57	2.42	Li et al. (2009)
02SC75.1			970	58.05	6.54	16.9	35.5		1.86	2.78	Li et al. (2009)
02SC76			970	58.78	8.02	14.1	35.6		0.92	1.73	Li et al. (2009)
02SC76.1			970	52.93	6.85	16.8	34.8		1.20	2.42	Li et al. (2009)
02SC76.2			970	58.9	4.71	16.2	35.6		2.23	3.24	Li et al. (2009)
02SC76.3			970	63.84	4.2	17.3	34.1		2.43	3.06	Li et al. (2009)
02SC45	Beiwu Formation		970	58.84	3.5	16.8	34.4		0.94	1.50	Li et al. (2009)
FY-3			970	57.76	3.7	14.9	37.9		1.03	1.55	Li et al. (2009)
FY-5			970	64.23	3.71	13.6	36.3		0.80	1.27	Li et al. (2009)
HF-1.1	Pyroxene syenite	Gangbian, close to SA	848	47.93	3.18	13.9	36.2		1.89	2.60	Li et al. (2010b)
HF-1.2			848	48.33	3.39	13.1	38.3		1.79	2.88	Li et al. (2010b)
HF-1.3			848	47.83	3.42	11.6	37.9		1.68	2.82	Li et al. (2010b)
HF-2.5	Syenite		848	51.42	3.42	16.9	43.0		3.06	3.33	Li et al. (2010b)
HF-2.4			848	57.89	4.64	**21.7**	44.1	2722	2.78	3.17	Li et al. (2010b)
HF-1.6			848	64.17	2.47	13.3	38.1		3.11	2.63	Li et al. (2010b)
HF-1.7			848	62.6	2.18	12.5	41.4		3.40	2.66	Li et al. (2010b)

HF-2.3a			848	60.59	2.41	16.9	39.8		4.39	3.42	Li et al. (2010b)
HF-2.3b			848	64.55	2.76	**20.5**	39.0	2959	3.05	2.72	Li et al. (2010b)
HF-3.8			848	63.97	2.21	15.7	37.0		4.16	3.26	Li et al. (2010b)
JX1126	Gabbro	Zhangshudun, close to SA	1009	47.34	2.73	15.1	32.0		0.36	0.71	Li et al. (2017)
JX1127	Peridotite		1009	36.08	11.75	2.8	38.5		0.32	1.51	Li et al. (2017)
JX1119	Tuffaceous phyllite	Dexing, close to SA	1009	60.23	4.49	19.2	41.0		2.58	2.06	Li et al. (2017)
SM11	Basaltic rocks	Danzhou Group, west Jiangnan Orogen	760	54.03	5.11	13.1	37.7		1.44	2.40	Lin et al. (2016)
D013-2			760	49.56	4.31	11.5	39.3		1.15	1.88	Lin et al. (2016)
D012-1	Dolerite		760	48.11	5.84	11.2	40.1		0.89	1.85	Lin et al. (2016)
D013-1	Pyroxenite		760	44.77	5.87	11.7	39.0		1.51	2.21	Lin et al. (2016)
SM09	Peridotite		760	47.43	5.69	12.8	39.2		1.28	2.10	Lin et al. (2016)
D011-1			760	38.89	10.66	12.3	36.9		1.11	2.31	Lin et al. (2016)
D009-1	Basaltic rocks	Sibao Group, west Jiangnan Orogen		51.05	6.81	11.1	34.8		1.21	1.46	Lin et al. (2016)
D009-2				55.97	4.85	11.3	34.9		1.06	1.15	Lin et al. (2016)
D009-3				54.90	3.92	11.1	33.2		0.76	1.15	Lin et al. (2016)
D009-4				54.34	5.68	11.9	34.7		1.07	1.45	Lin et al. (2016)
YJ03	Gabbro	Sibao Group, west Jiangnan Orogen		50.81	2.92	12.4	33.5		1.03	1.50	Lin et al. (2016)
JM01			859	49.27	3.57	13.4	34.4		1.03	1.60	Lin et al. (2016)
JM05	Pyroxenite		834	46.14	5.19	14.0	33.3		0.50	1.76	Lin et al. (2016)
JM06-1			861	39.43	7.73	13.3	30.7		0.65	1.10	Lin et al. (2016)
JM06-2			861	39.19	7.84	12.6	31.6		0.61	0.97	Lin et al. (2016)
D051-1	Peridotite			40.40	8.82	14.0	33.6		0.65	1.80	Lin et al. (2016)
D051-2				42.92	7.15	12.8	39.4		0.71	1.78	Lin et al. (2016)
JM03				41.36	9.52	13.6	33.9		0.63	1.80	Lin et al. (2016)
JM04				43.07	7.27	14.3	32.6		0.66	1.88	Lin et al. (2016)
YJ08				39.70	10.33	12.2	36.9		0.62	2.03	Lin et al. (2016)
MX45	Diorite	Meixian, central Jiangnan Orogen	820	60.74	1.32	14.2	39.7		1.59	1.83	Liu and Zhao (2017)
MX47			820	59.42	1.66	13.8	39.7		1.62	2.22	Liu and Zhao (2017)
MX48			820	59.57	1.27	12.3	40.5		1.55	1.72	Liu and Zhao (2017)
MX50			820	61.13	1.1	13.2	39.5		1.86	2.06	Liu and Zhao (2017)
MX51			820	60.98	1.27	12.9	41.5		1.79	2.06	Liu and Zhao (2017)
MX52			820	59.28	1.38	13.5	39.0		1.58	1.83	Liu and Zhao (2017)

MX53			820	60.43	1.26	13.3	41.7		2.04	2.18	Liu and Zhao (2017)
MX55			820	61.17	1.4	13.7	44.1		1.98	2.16	Liu and Zhao (2017)
MX56			820	61.25	1.07	13.9	42.1		1.88	2.14	Liu and Zhao (2017)
MX57			820	63.15	1.43	11.7	40.5		2.31	2.30	Liu and Zhao (2017)
MX59			820	61.38	1.24	13.6	40.5		1.74	1.97	Liu and Zhao (2017)
MX60			820	59.78	1.24	13.7	41.1		2.28	2.35	Liu and Zhao (2017)
SH-11	Gabbro	Shanhou, close to SA	846	51.97	2.27	14.1	36.4		2.20	2.55	Liu et al. (2015)
SH-7-2			846	48.01	2.39	16.1	40.6		2.67	3.92	Liu et al. (2015)
SH-8-1			846	53.49	2.69	16.4	42.7		2.13	2.55	Liu et al. (2015)
SH-3	Quartz diorite		847	63.05	2.88	12.7	45.9		2.67	2.77	Liu et al. (2015)
SH-7-1	Quartz monzonite		847	66.92	1.13	14.8	44.2		3.53	2.23	Liu et al. (2015)
SH-9	Quartz monzodiorite		847	57.9	2.49	17.6	44.9		2.11	2.75	Liu et al. (2015)
SH-10-1			847	57.03	2.2	16.7	44.2		2.06	2.69	Liu et al. (2015)
JS-1-1	Quartz monzonite	Jiangshan, close to SA	842	63.28	1.29	13.9	47.4		3.78	2.76	Liu et al. (2015)
JS-3	Quartz monzodiorite		842	62.49	2.91	12.8	46.9		2.50	2.02	Liu et al. (2015)
JS-4			842	63.9	2.3	11.2	45.0		2.06	2.16	Liu et al. (2015)
JS-5			842	64.08	1.59	13.7	45.6		1.91	2.04	Liu et al. (2015)
DX07	Basalt	Dexing, close to SA	839	49.09	4	11.1	38.4		0.36	1.17	Lu et al. (2006)
DXL-5	Diabase		839	50.24	2.91	9.1	42.6		1.04	1.63	Lu et al. (2006)
DXL-6	Diabase		839	48.95	6.6	6.0	39.1		0.23	0.76	Lu et al. (2006)
DXL-7	Pyroxene diorite		839	57.94	3.54	7.1	38.7		1.18	1.63	Lu et al. (2006)
DXL-9	Ultramafic rock		839	44.35	6.16	13.0	43.5		1.30	3.28	Lu et al. (2006)
DXL-10	Diabase		839	40.12	12.83	13.5	47.3		1.67	2.55	Lu et al. (2006)
07JZ25-1	Basalt	North Zhejiang, within SA	860	52.1	2.3	18.4	34.9		2.14	2.67	Lyu et al. (2017)
07JZ25-2			860	52.5	2.6	18.9	35.6		1.72	2.59	Lyu et al. (2017)
07JZ25-3			860	49.7	3.04	15.6	39.7		1.31	2.60	Lyu et al. (2017)
15ZJ08-4			860	51.1	6.17	12.8	31.3		1.20	1.94	Lyu et al. (2017)
15ZJ08-5			860	60	1.55	12.8	34.9		2.04	2.43	Lyu et al. (2017)
15ZJ08-6			860	53.1	4.46	13.8	31.0		1.16	2.02	Lyu et al. (2017)
15ZJ08-7			860	51.7	2.48	14.7	34.0		1.62	2.84	Lyu et al. (2017)
15ZJ08-8			860	54.6	2.18	14.1	34.4		1.65	2.33	Lyu et al. (2017)
15ZJ08-11			860	50.8	1.61	18.5	33.3		2.08	3.35	Lyu et al. (2017)

07JZ31-4		Meiling, within SA	840	48.1	8.01	16.1	42.2		1.03	2.01	Lyu et al. (2017)
07JZ31-5			840	46.6	8.01	17.9	42.2		1.01	2.14	Lyu et al. (2017)
07JZ31-7			840	47	4.27	16.5	42.9		1.03	2.17	Lyu et al. (2017)
07JZ33-1			840	46.5	1.32	15.9	42.5		1.03	2.14	Lyu et al. (2017)
15ZJ09-1	Andesite	Meiling, within SA	840	63.8	4.67	16.4	38.5		3.06	3.34	Lyu et al. (2017)
15ZJ09-2			840	62.3	1.8	15.6	36.2		2.65	2.89	Lyu et al. (2017)
15ZJ09-3			840	61.2	2.29	16.5	39.3		2.85	2.99	Lyu et al. (2017)
15ZJ10-1			840	62.6	4.33	12.9	30.6		2.70	2.64	Lyu et al. (2017)
15ZJ10-3			840	56.2	0.84	11.8	31.2		2.09	2.91	Lyu et al. (2017)
15ZJ10-4			840	57.5	0.95	13.1	30.1		2.12	3.09	Lyu et al. (2017)
x61-1	Spilite	Xiqiu, within SA		45.42		1.5	13.1		1.88	3.76	Qi et al. (1986)
xCu2	Keratophyre			64.29					2.55	4.04	Qi et al. (1986)
x29-1				58.55		1.0	21.1				Qi et al. (1986)
x42				60.89		1.0	13.8				Qi et al. (1986)
x51				58.29		1.0	21.3				Qi et al. (1986)
x4	Quartz diorite			63.98	1.89	0.6	23.8		3.41	3.57	Qi et al. (1986)
0412-2	Gabbro	Shaoxing, within SA	841	50.78	1.13	15.3	35.9		2.03	4.51	Shu et al. (2011)
1841	Meta-diorite	Jiuling, central Jiangnan Orogen	846	58.96	5.79	7.4	41.8		1.84	2.35	Sun et al. (2017)
1841-1			846	55.17	7.12	7.6	41.3		1.66	2.09	Sun et al. (2017)
1839	Meta-diabase			47.76	8.95	5.0	26.9		0.10	0.72	Sun et al. (2017)
2011				49.42	2.57	4.0	15.5		0.07	0.60	Sun et al. (2017)
2011-1				49.21	2.04	4.1	14.7		0.05	0.58	Sun et al. (2017)
1882-4	Meta-basalt			47.32	4.53	15.0	34.4		5.86	8.24	Sun et al. (2017)
2016				51.59	7.03	14.6	28.0		28.28	11.58	Sun et al. (2017)
2018				50.69	6.34	10.5	25.1		1.40	1.35	Sun et al. (2017)
2019				54.39	4.21	11.3	24.9		1.42	1.34	Sun et al. (2017)
2021				52.30	2.8	11.9	24.0		1.05	1.22	Sun et al. (2017)
2010	Meta-diabase		850	51.59	7.1	15.1	32.1		26.39	12.14	Sun et al. (2017)
2010-1			850	51.75	7.04	14.6	30.6		27.09	12.03	Sun et al. (2017)
2020			849	52.97	4.75	11.8	24.8		1.24	1.31	Sun et al. (2017)
1849-1	Meta-diabase		792	46.65	2.93	14.8	37.0		0.88	1.75	Sun et al. (2017)
1849-2			792	47.19	2.91	15.3	40.2		0.87	1.73	Sun et al. (2017)

11SX-3-1	Serpentinite	Shexian, close to SA	825	38.04	13.37	2.0	43.8		0.43	0.79	Sun et al. (2018)
11SX-3-8			825	37.23	13.41	0.8	27.7		1.22	0.68	Sun et al. (2018)
11SX-6-1			825	36.00	13.14	0.0	28.1		0.63	0.38	Sun et al. (2018)
11SX-6-2			825	35.87	14.04	12.6	62.7		4.39	3.59	Sun et al. (2018)
11SX-6-4			825	38.12	14.13	7.6	14.5		1.88	1.24	Sun et al. (2018)
11SX-6-5			825	36.99	13.37	5.5	128.3		0.33	1.85	Sun et al. (2018)
11SX-6-6			825	36.90	14.29	2.7	48.9		1.27	2.20	Sun et al. (2018)
11SX-6-7			825	36.13	14.13	3.8	33.2		0.57	0.58	Sun et al. (2018)
11SX-6-9			825	37.05	13.64	3.7	18.9		0.42	0.51	Sun et al. (2018)
13FC-1-1		Fuchuan, close to SA	825	39.50	12.85	2.5	54.8		0.63	0.32	Sun et al. (2018)
13FC-1-3			825	38.60	13.82	2.0	13.3		0.80	0.40	Sun et al. (2018)
13FC-1-9			825	39.70	13.04	1.4	9.7		1.66	0.60	Sun et al. (2018)
13FC-2-2			825	40.30	12.60	2.1	16.8		0.34	0.41	Sun et al. (2018)
13FC-2-5			825	38.70	12.41	2.5	45.8		0.08	0.55	Sun et al. (2018)
11DX-1-1		Dexing, close to SA	825	37.17	12.60	11.9	50.6		2.48	4.82	Sun et al. (2018)
14FC-3-5		Fuchuan, close to SA	825	39.32	13.87	1.1	30.9		0.65	0.66	Sun et al. (2018)
14FC-5-1			825	37.89	13.40	1.3	35.5		1.58	0.85	Sun et al. (2018)
14FC-5-3			825	37.70	14.03	0.8	47.7		0.60	0.49	Sun et al. (2018)
14FC-1-1	Basalt		825	50.11	4.81	11.8	41.2		0.64	1.03	Sun et al. (2018)
14FC-1-2			825	48.71	5.00	11.4	39.3		0.56	1.01	Sun et al. (2018)
14FC-2-3			825	54.51	5.33	10.2	40.9		1.67	1.79	Sun et al. (2018)
14FC-2-4			825	49.36	5.25	10.9	38.0		1.65	1.40	Sun et al. (2018)
14FC-2-5			825	52.85	3.39	12.0	40.9		1.84	2.07	Sun et al. (2018)
14FC-2-7			825	55.27	5.60	12.3	41.2		1.84	2.25	Sun et al. (2018)
11SX-3-5	Gabbro	Shexian, close to SA	825	44.44	4.66	7.9	25.6		0.24	0.97	Sun et al. (2018)
11SX-3-6			825	44.09	5.13	7.7	26.7		0.14	0.67	Sun et al. (2018)
11SX-3-7			825	46.17	3.13	4.9	27.3		0.29	0.80	Sun et al. (2018)
14FC-5-2		Fuchuan, close to SA	825	40.95	6.08	5.3	30.5		0.15	0.65	Sun et al. (2018)
13FC-2-3			825	48.30	2.78	3.1	26.5		0.09	0.65	Sun et al. (2018)
13FC-2-4			825	45.20	4.51	3.6	38.9		0.08	0.64	Sun et al. (2018)
14FC-4-1			825	44.54	4.20	6.5	28.3		0.19	0.62	Sun et al. (2018)
14FC-4-2			825	42.54	6.18	7.4	26.1		0.57	0.81	Sun et al. (2018)

14FC-4-4			825	46.03	3.60	4.5	24.3		0.25	0.63	Sun et al. (2018)
13XW-1-1	Serpentinite	Xiwan, close to SA	1000	39.90	13.29	2.6	37.6		0.09	0.07	Sun et al. (2018)
13XW-1-2			1000	40.47	12.97	2.2	14.5		0.08	0.05	Sun et al. (2018)
13XW-1-3			1000	39.95	13.10	2.9	23.7		0.10	0.05	Sun et al. (2018)
13XW-1-4			1000	40.60	13.04	2.8	14.8		0.12	0.06	Sun et al. (2018)
13XW-1-5			1000	40.98	11.82	2.8	17.7		0.11	0.07	Sun et al. (2018)
13XW-1-6			1000	39.59	13.35	2.8	46.9		0.09	0.05	Sun et al. (2018)
13XW-1-7			1000	40.76	12.85	2.8	12.0		0.11	0.23	Sun et al. (2018)
13XW-2-1			1000	40.70	12.12	9.7	34.5		0.57	0.53	Sun et al. (2018)
13XW-2-2			1000	40.80	12.01	7.5	33.1		0.50	0.50	Sun et al. (2018)
13XW-4-3			1000	40.51	13.16	8.2	7.8		0.39	1.21	Sun et al. (2018)
14XW-1-2			1000	39.44	12.95	2.3	22.0		0.29	0.93	Sun et al. (2018)
14XW-1-3			1000	38.72	13.39	1.2	24.8		0.37	1.03	Sun et al. (2018)
14XW-1-5			1000	43.63	11.68	1.1	25.4		1.07	1.87	Sun et al. (2018)
14XW-1-6			1000	42.22	12.02	1.9	32.7		0.82	1.90	Sun et al. (2018)
14XW-1-9			1000	42.24	8.69	4.5	38.9		0.73	0.51	Sun et al. (2018)
14XW-1-11			1000	40.72	12.05	3.0	45.6		0.67	0.20	Sun et al. (2018)
14XW-1-12			1000	41.31	11.62	2.2	44.7		0.65	0.34	Sun et al. (2018)
14XW-3-1			1000	40.37	11.49	0.4	35.3		2.09	1.21	Sun et al. (2018)
13WY-147A	Diorite	Taohong, close to SA	913	56.82	2.71	5.8	35.3		1.51	2.35	Tan et al. (2017)
13WY-147B			898	57.17	2.64	11.8	38.2		1.73	2.37	Tan et al. (2017)
13WY-147C			898	56.8	2.62	13.2	44.1		2.01	2.53	Tan et al. (2017)
13WY-147D			898	62.18	1.87	10.9	39.4		1.98	2.39	Tan et al. (2017)
13WY-147E			898	57.43	2.56	12.7	36.5		1.85	2.51	Tan et al. (2017)
13WY-147F			898	56.88	2.82	12.1	35.4		1.79	2.35	Tan et al. (2017)
11ZSD-1-2	High-Mg andesite	Zhangshudun, close to SA	795	54.22	3.34	12.0	42.4		0.78	1.30	Wang et al. (2016)
11ZSD-1-3			795	54.45	3.16	14.7	38.6		0.97	1.35	Wang et al. (2016)
11ZSD-1-5			795	54.89	3.3	12.6	41.4		1.00	1.40	Wang et al. (2016)
11ZSD-1-6			795	55.16	3	13.1	45.3		0.93	1.46	Wang et al. (2016)
1210ZSD-2-3C			795	53.06	3.63	12.5	34.4		0.86	1.34	Wang et al. (2016)
1210ZSD-2-4B			795	54.57	2.42	12.7	34.2		0.87	1.47	Wang et al. (2016)
1210ZSD-2-5C			795	54.02	3.21	12.5	33.8		0.86	1.44	Wang et al. (2016)

1210ZSD-2-3A			795	55.95	4.48	10.7	40.9		1.51	1.53	Wang et al. (2016)
1210ZSD-2-5A			795	53.22	4.45	11.8	44.0		0.81	1.35	Wang et al. (2016)
1210ZSD-2-5B			795	54.37	4.02	10.4	40.9		0.90	1.40	Wang et al. (2016)
NQ-22	Basalt	Nanqiao, central Jiangnan Orogen	850	49.50	2.32	11.9	34.6		0.15	0.52	Wang et al. (2004)
NQ-24	Basalt		850	48.31	2.31	9.1	35.1		0.14	0.53	Wang et al. (2004)
NQ-25	Basalt		850	49.08	2.43	9.8	33.6		0.16	0.52	Wang et al. (2004)
NQ-26-1	Diabase		850	49.68	1.66	10.8	36.3		0.18	0.52	Wang et al. (2004)
Yy-14-1	Komatiitic basalt	Yiyang, central Jiangnan Orogen	825	51.96	2.98	**24.7**	46.0	7658	1.11	1.33	Wang et al. (2004)
Yy-15-2	Komatiitic basalt		825	49.24	3.51	**21.3**	41.7	4942	1.12	1.41	Wang et al. (2004)
Yyb-1	Komatiitic basalt		825	51.06					1.32	1.84	Wang et al. (2004)
Yyb-2	Komatiitic basalt		825	50.83					1.15	1.59	Wang et al. (2004)
Yy-17	Andesite		814	58.04	3.17	11.9	39.9		4.04	3.81	Wang et al. (2004)
Yy-19-1	Andesitic agglomerate		814	55.20	3.45	11.7	38.8		6.69	3.92	Wang et al. (2004)
Qy-2	Diabase	Qianyang, central Jiangnan Orogen		47.58	5.02	12.5	46.1		2.96	3.69	Wang et al. (2004)
Qy-3	Diabase			48.86	8.37	12.3	53.5		2.89	3.60	Wang et al. (2004)
Qy-5	Diabase			50.74	5.98	12.2	51.5		3.19	3.90	Wang et al. (2004)
Qy-8	Basalt			43.52	4.96	11.6	61.5		4.52	6.07	Wang et al. (2004)
GZ-38	Diabase (OIB)	Guzhang, west Jiangnan Orogen		49.60	3.6	12.5	52.5		2.63	3.41	Wang et al. (2004)
GQ-9	Breccia	Gaoqiao, west Jiangnan Orogen		52.55	5.73	17.2	45.8		2.46	9.39	Wang et al. (2004)
GQ-12-2	Basalt			51.46	4.82	16.8	44.9		2.50	9.42	Wang et al. (2004)
SQS-04	Gabbro	NE Jiangxi, close to SA	801	50.74	8.71	15.3	34.3		2.71	2.42	Wang et al. (2008a)
SQS-05			801	46	12.43	15.7	36.5		2.64	2.48	Wang et al. (2008a)
05TD-3-1	Pyroxenite	Tongdao, west Jiangnan Orogen	772	47.11	7.06	9.3	38.8		0.69	1.48	Wang et al. (2008b)
05TD-3-3			772	46.37	7.85	10.8	39.0		0.91	1.75	Wang et al. (2008b)
05TD-3-4			772	46.28	7.96	7.5	35.8		1.06	2.47	Wang et al. (2008b)
QY-1	Diabase	Qianyang, west Jiangnan Orogen	747	48.47	5.66	16.5	46.4		4.91	3.56	Wang et al. (2008b)
QY-4			747	52.31	5.08	16.3	46.2		4.22	3.18	Wang et al. (2008b)
05QY-6	Diabase		747	47.67	5.19	13.7	33.0		2.54	3.87	Wang et al. (2008b)
05QY-7			747	49.91	7.3	14.6	40.8		2.63	3.99	Wang et al. (2008b)
05QY-8	Gabbro		747	57.47	8.21	15.1	36.8		2.79	3.80	Wang et al. (2008b)
05QY-9			747	56.74	4.63	14.3	35.0		3.26	3.45	Wang et al. (2008b)

05QY-11	Gabbro-diabase		747	55.55	4.57	14.5	41.3		2.79	4.87	Wang et al. (2008b)
05QY-13-2			747	55.28	2.71	14.5	39.2		2.49	3.59	Wang et al. (2008b)
05GZ-14	Diabase (OIB)	Guzhang, west Jiangnan Orogen		50.48	3.67	14.2	39.0		2.57	3.65	Wang et al. (2008b)
05GZ-15				51.31	3.21	14.8	41.6		2.33	3.87	Wang et al. (2008b)
05GZ-16				51.13	3.38	14.5	44.5		2.44	3.78	Wang et al. (2008b)
05GZ-19				49.05	2.8	15.2	42.3		2.39	3.91	Wang et al. (2008b)
05GZ-21-2				51.78	7.77	14.6	39.1		2.36	3.58	Wang et al. (2008b)
05GZ-23				48.99	7.38	9.5	38.6		2.21	3.72	Wang et al. (2008b)
07XC-1-1	Diabase	Xucun, close to SA	804	52.83	3.83	12.2	36.0		1.24	1.38	Wang et al. (2012)
07XC-1-2	Diabase		804	53.01	4.58	10.9	35.4		1.28	1.49	Wang et al. (2012)
07XC-2-2			804	54.34	2.85	11.6	35.7		1.29	1.49	Wang et al. (2012)
07XC-3-1			804	54.8	2.33	13.0	37.3		1.17	1.56	Wang et al. (2012)
07XC-4-1			804	50.02	3.17	14.1	41.1		2.62	2.44	Wang et al. (2012)
10WN-15-1			804	54.5	5.21	10.9	31.4		0.98	1.32	Wang et al. (2012)
10WN-16-5			804	53.61	4.97	11.9	32.6		1.50	1.84	Wang et al. (2012)
10WN-15-3			804	61.52	4.3	13.0	33.2		2.71	2.11	Wang et al. (2012)
10JX-1-2	(Shangshu Fm.)Basaltic andesite	Minjiawu, close to SA	802	56.16	2.65	14.2	33.6		1.13	2.23	Wang et al. (2012)
10JX-2-2	Basalt		802	53.45	1.31	16.9	30.3		1.15	1.88	Wang et al. (2012)
10JX-3-1			802	52.06	1.9	13.4	32.4		1.23	2.31	Wang et al. (2012)
09JX-4-1			802	54.39	0.87	14.4	32.0		1.14	2.13	Wang et al. (2012)
09JX-5-1,2	Basaltic andesite		802	59.7	0.87	19.6	35.6		1.08	2.14	Wang et al. (2012)
09JX-6-1	Dacite		802	64.61	1.68	15.1	36.9		1.76	2.06	Wang et al. (2012)
09JX-6-2	Basaltic andesite		802	53.42	1.25	12.7	34.3		1.09	1.90	Wang et al. (2012)
09JX-7-1	Andesite		802	62.09	2.86	15.2	37.0		1.70	1.99	Wang et al. (2012)
10SS-3-4	Basalt	Shiershan, close to SA	797	47.79	6.19	17.8	38.1		3.43	3.64	Wang et al. (2012)
10SS-3-6	Basalt		797	42.93	9.42	18.8	39.0		3.28	3.31	Wang et al. (2012)
10SS-3-7	Gabbro		797	49.25	3.38	16.4	37.9		2.20	2.69	Wang et al. (2012)
10SS-10-2	Diabase		797	44.76	3.14	15.3	41.2		0.73	1.42	Wang et al. (2012)
10SS-10-3	Diabase		797	38	7.01	16.3	40.9		0.36	1.50	Wang et al. (2012)
10SS-11-3	Gabbro		797	24.3	48.4	14.2	40.6		0.73	1.44	Wang et al. (2012)
10SS-13-1	Diabase		797	44.85	2.88	16.5	41.7		0.75	1.47	Wang et al. (2012)

09WN-6-1	(Puling Fm.)Tuff	South Anhui, , close to SA	763	64.36	3.09	14.1	33.9		1.49	1.76	Wang et al. (2012)
09WN-6-2			763	63.16	3.59	15.7	37.6		1.78	2.22	Wang et al. (2012)
09WN-2-1	Basalt		760	51.77	5.93	12.4	31.9		1.42	1.52	Wang et al. (2012)
09WN-2-2			760	46.64	11.92	11.1	33.2		0.46	1.13	Wang et al. (2012)
09WN-2-3			760	45.82	13.81	10.5	31.5		0.46	1.25	Wang et al. (2012)
09WN-2-4			760	47.04	7.55	7.4	32.3		0.33	1.00	Wang et al. (2012)
09WN-2-5			760	50.66	10.54	11.5	33.3		0.35	1.03	Wang et al. (2012)
09WN-2-6			760	47.97	7	9.8	31.7		0.32	0.91	Wang et al. (2012)
09WN-2-7			760	46.2	7.07	15.3	40.8		1.12	1.93	Wang et al. (2012)
09WN-3-1			760	48.59	3.83	11.1	29.8		0.36	0.89	Wang et al. (2012)
09WN-3-2			760	45.6	1.22	11.8	22.2		0.89	2.16	Wang et al. (2012)
09WN-5-1			760	44.3	7.34	11.4	30.3		0.33	0.92	Wang et al. (2012)
09WN-7-2			760	51.56	4.7	10.1	30.2		0.33	0.93	Wang et al. (2012)
09WN-7-3			760	49.25	4.73	12.9	34.2		0.50	1.00	Wang et al. (2012)
JX07-6A	Basalt	Zhangshudun, close to SA	990	44.24	3.22	15.4	33.9		0.67	1.57	Wang et al. (2015)
JX07-6B			990	43.26	4.36	15.4	33.5		0.67	1.50	Wang et al. (2015)
JX07-6C			990	44.05	3.48	15.6	33.8		0.67	1.65	Wang et al. (2015)
JX07-6D			990	44.09	3.38	14.4	32.9		0.70	1.54	Wang et al. (2015)
JX07-6E			990	44.46	2.96	15.7	34.0		0.67	1.60	Wang et al. (2015)
JX31-1			990	39.56	5.59	14.1	37.1		0.67	1.58	Wang et al. (2015)
JX31-2			990	40.03	5.17	13.8	37.3		0.67	1.54	Wang et al. (2015)
JX31-3			990	36.50	6.84	13.6	36.6		0.82	1.56	Wang et al. (2015)
JX31-11			990	40.14	5.16	13.8	37.7		0.68	1.54	Wang et al. (2015)
JX31-12			990	40.52	4.82	14.0	37.2		0.68	1.53	Wang et al. (2015)
JX41-1		Shizishan, close to SA	990	50.90	2.42	15.0	34.0		0.74	1.50	Wang et al. (2015)
JX41-2			990	50.87	3.80	15.8	30.6		0.79	1.41	Wang et al. (2015)
JX41-3			990	51.22	3.18	15.6	30.8		0.73	1.57	Wang et al. (2015)
JX45-3			990	50.20	2.80	15.2	32.2		0.69	1.52	Wang et al. (2015)
05SC72-1	Basalts	Yiyang, central Jiangnan Orogen	825	56.40	1.86	13.7	40.6		0.99	1.50	Wang et al. (2007)
05SC72-2			825	47.60	2.15	14.6	41.3		0.92	1.51	Wang et al. (2007)
05SC72-3			825	50.00	3.45	14.4	39.2		0.97	1.48	Wang et al. (2007)
05SC72-4			825	50.50	2.86	14.7	39.6		0.96	1.60	Wang et al. (2007)

05SC72-5			825	53.10	1.51	14.2	38.8		0.91	1.48	Wang et al. (2007)
05SC72-6			825	52.60	2.96	14.2	38.7		0.91	1.31	Wang et al. (2007)
05SC72-8			825	49.30	1.8	13.8	37.8		1.01	1.47	Wang et al. (2007)
05SC74-2			825	50.70	2.00	13.8	35.6		0.95	1.50	Wang et al. (2007)
05SC74-4			825	49.90	2.29	13.4	38.1		0.93	1.44	Wang et al. (2007)
05SC74-5			825	49.50	2.96	13.7	38.9		0.89	1.32	Wang et al. (2007)
05SC74-6			825	52.10	1.81	13.6	38.8		0.95	1.44	Wang et al. (2007)
05SC74-7			825	49.40	1.55	13.6	38.6		0.97	1.54	Wang et al. (2007)
05YY-2			825	61.10	2.32	16.2	44.7		5.10	3.79	Wang et al. (2007)
FJS2	Basalt	Fanjingshan Group, western Jiangnan Orogen		53.14	3.24	12.4	35.6		1.16	1.42	Wei et al. (2018)
FJS3				51.07	3.51	12.3	35.9		1.17	1.41	Wei et al. (2018)
FJS5				54.41	3.67	12.3	35.0		1.15	1.46	Wei et al. (2018)
FJS8				53.55	3.56	12.3	34.9		1.12	1.38	Wei et al. (2018)
FJS10				50.72	3.35	13.3	35.4		0.83	1.29	Wei et al. (2018)
FJS11				53.51	5.04	11.4	32.5		1.11	1.33	Wei et al. (2018)
FJS13				53.89	3.95	11.3	33.7		1.15	1.36	Wei et al. (2018)
FJS23				48.57	6.82	15.6	34.5		0.81	1.28	Wei et al. (2018)
FJS31				51.47	9.18	11.7	33.8		1.44	1.41	Wei et al. (2018)
FJS32				49.72	10.51	11.4	32.9		1.36	1.38	Wei et al. (2018)
FJS33				50.15	8.89	11.8	29.8		1.11	1.24	Wei et al. (2018)
FJS35				47.05	12.40	10.9	30.6		0.90	1.33	Wei et al. (2018)
FJS36				48.22	10.80	11.6	31.5		1.04	1.26	Wei et al. (2018)
MH07	Diorite	Miaohou, within SA	830	58.25	5.57	12.3	42.4		2.94	3.94	Xia et al. (2015)
MH08			830	61.99	3.28	14.8	39.0		1.87	2.28	Xia et al. (2015)
MH14			830	63.16	2.16	12.8	43.6		3.47	2.73	Xia et al. (2015)
MH18			830	63.75	4.85	9.0	24.9		0.86	1.19	Xia et al. (2015)
MH24			830	55.55	3.32	17.0	40.0		2.37	2.49	Xia et al. (2015)
MH15	Gabbro		830	51.85	2.21	13.8	35.0		2.08	1.85	Xia et al. (2015)
MH17			830	50.03	3.52	16.2	35.4		1.70	2.46	Xia et al. (2015)
SH04	Diorite	Shanhou, within SA	830	59.45	4.67	16.1	42.6		2.58	2.92	Xia et al. (2015)
SH05			830	61.91	2.68	11.0	43.0		3.07	2.99	Xia et al. (2015)
1319	Pyroxene diorite			52.10	1.53	13.4	34.8		3.80	3.40	Yao et al. (2014a)

1319-1		Yuanbaoshan, west Jiangnan Orogen		51.94	1.37	12.6	36.7		3.44	3.63	Yao et al. (2014a)
1314	Olivine orthopyroxenite			38.22	14.57	14.2	40.1		1.10	1.75	Yao et al. (2014a)
1314-1				38.40	14.87	11.6	37.1		1.09	1.78	Yao et al. (2014a)
1315				41.27	9.33	12.6	41.3		1.24	1.28	Yao et al. (2014a)
1315-1				40.99	9.25	11.0	38.5		1.46	1.60	Yao et al. (2014a)
1316	Orthopyroxene olivine			44.82	3.53	11.8	42.4		1.02	1.13	Yao et al. (2014a)
1316-1				44.91	3.48	13.4	39.6		1.01	1.05	Yao et al. (2014a)
1317	Gabbro			44.96	8.5	8.4	32.7		1.45	1.53	Yao et al. (2014a)
1317-1				45.02	8.23	11.6	35.0		1.47	1.23	Yao et al. (2014a)
1321	Olivine gabbro			39.98	9.33	12.0	36.3		0.85	1.94	Yao et al. (2014a)
1325	Serpentinite			39.10	11	11.2	39.2		1.07	1.82	Yao et al. (2014a)
1325-1				37.51	10.24	13.5	34.6		0.29	2.21	Yao et al. (2014a)
1325-2				37.29	10.06	10.4	35.7		0.78	1.89	Yao et al. (2014a)
1326	Olivine pyroxenite			39.36	8.57	14.0	34.4		0.59	2.06	Yao et al. (2014a)
1328	Olivine gabbro			47.42	3.91	13.3	35.6		0.83	1.75	Yao et al. (2014a)
1328-1	Lherzolite			37.69	10.52	12.4	41.3		1.38	2.25	Yao et al. (2014a)
1328-1-1				37.82	10.57	13.0	33.4		0.94	2.10	Yao et al. (2014a)
1328-2	Gabbro		855	47.58	4.01	12.7	31.7		0.84	1.98	Yao et al. (2014a)
1335			855	46.74	4.53	12.2	33.7		0.42	2.59	Yao et al. (2014a)
1205	Basalt	Nanqiao, central Jiangnan Orogen	860	49.78	2.73	13.9	32.8		0.18	0.57	Yao et al. (2014b)
1205-1			860	49.81	2.32	14.2	31.0		0.33	0.56	Yao et al. (2014b)
1205-2			860	50.21	2.29	15.1	32.8		0.17	0.56	Yao et al. (2014b)
1205-3			860	49.37	2	12.7	33.1		0.19	0.53	Yao et al. (2014b)
1205-4			860	50.47	2.23	13.1	34.0		0.16	0.57	Yao et al. (2014b)
1205-5			860	49.85	2.46	13.8	33.3		0.16	0.55	Yao et al. (2014b)
1205-6			860	43.55	4.72	14.6	32.5		0.17	0.56	Yao et al. (2014b)
1205-7			860	50.36	2.36	14.9	30.3		0.15	0.51	Yao et al. (2014b)
1208-01			860	50.43	2.37	13.7	33.1		0.18	0.59	Yao et al. (2014b)
1209	Basalt	Yiyang, central Jiangnan Orogen	825	49.28	2.33	13.2	32.1		0.14	0.55	Yao et al. (2014b)
1209-1			825	50.20	3.93	12.4	35.7		1.05	1.28	Yao et al. (2014b)
1209-2			825	49.58	4.5	13.2	36.1		1.06	1.10	Yao et al. (2014b)
1241	Dolerite	Daolingshan, within SA	863	50.38	3.76	17.0	32.7		1.03	1.44	Yao et al. (2014b)

1241-1			863	50.46	3.79	16.8	34.3		1.00	1.52	Yao et al. (2014b)
1241-2			863	50.33	3.94	18.5	36.3		0.95	1.39	Yao et al. (2014b)
1245	Dolerite	Wenjiashi, , central Jiangnan Orogen	850	54.13	1.74	14.7	44.1		1.05	1.31	Yao et al. (2014b)
1245-1			850	53.55	1.74	13.0	39.6		1.12	1.38	Yao et al. (2014b)
1250			850	51.42	2.85	12.3	38.8		0.94	1.30	Yao et al. (2014b)
1250-1			850	51.87	2.85	13.6	40.0		0.94	1.30	Yao et al. (2014b)
1305	Talc	Longsheng, west Jiangnan Orogen		56.43	6.43	15.4	46.3		9.30	2.04	Yao et al. (2016b)
1305-1				55.78	6.34	14.4	48.5		11.33	2.12	Yao et al. (2016b)
1306-1				55.23	9.57	11.9	41.0		1.73	2.75	Yao et al. (2016b)
1306-1-1				54.72	9.56	12.7	45.6		1.53	2.39	Yao et al. (2016b)
1306-2	Serpentinite			4.48	42.94	9.9	46.1		1.13	2.56	Yao et al. (2016b)
1306-2-1				4.51	42.93	6.1	44.2		0.94	2.43	Yao et al. (2016b)
1411				6.71	43.09	5.6	19.6		4.26	0.95	Yao et al. (2016b)
1402	Gabbro		867	47.84	4.72	19.1	36.7		1.85	2.72	Yao et al. (2016b)
1402-1			867	47.20	4.64	19.5	37.4		1.65	2.69	Yao et al. (2016b)
1405			863	47.51	9.00	19.1	36.7		1.85	2.72	Yao et al. (2016b)
1405-1			863	48.69	6.64	19.5	37.4		1.65	2.69	Yao et al. (2016b)
1405-2			863	51.03	2.61	15.8	36.3		0.94	2.14	Yao et al. (2016b)
1405-3			863	51.07	2.55	16.1	35.2		0.87	1.94	Yao et al. (2016b)
1414	Gabbro		869	49.68	3.22	17.0	33.6		1.23	1.77	Yao et al. (2016b)
1414-1			869	49.77	3.00	16.2	47.2		0.97	1.95	Yao et al. (2016b)
1414-2	Basalt		869	49.32	2.76	13.0	35.4		1.21	1.77	Yao et al. (2016b)
1414-3			869	49.89	2.95	14.0	46.1		1.13	1.65	Yao et al. (2016b)
04ZJ09	Granitoids	Taohong, within SA	910	57.82	3.03	14.5	35.1		2.24	2.35	Ye et al. (2007)
04ZJ10			910	58.08	3.23	14.6	36.2		1.97	2.47	Ye et al. (2007)
04ZJ11			910	60.02	2.91	14.9	35.8		1.69	2.35	Ye et al. (2007)
04ZJ13			910	64.36	1.79	17.0	44.4		1.73	2.42	Ye et al. (2007)
04ZJ15			910	56.72	1.99	15.6	36.5		1.59	2.45	Ye et al. (2007)
02SC77-2			910	61.17	2.92	12.2	36.1		2.28	2.22	Ye et al. (2007)
02SC77-4			910	61.40	2.91	12.7	38.6		2.20	2.43	Ye et al. (2007)
04ZJ19		Xiqiu, within SA	910	61.70	2.29	17.3	37.7		3.09	4.24	Ye et al. (2007)
04ZJ20			910	62.60	2.33	16.3	40.8		3.45	4.08	Ye et al. (2007)

99AK-2	Mafic-ultramafic rocks (OIB)	Aikou, central Jiangnan Orogen	832	46.20	3.66	15.5	36.1		2.03	3.00	Zhang et al. (2009)
99AK-3			832	47.02	3.77	16.2	37.3		2.16	2.92	Zhang et al. (2009)
99AK-4			832	39.98	8.29	14.5	39.7		2.85	3.82	Zhang et al. (2009)
99AK-5			832	44.05	10.92	14.6	39.1		2.83	3.38	Zhang et al. (2009)
99AK-6			832	39.85	8.21	12.9	37.4		1.86	2.91	Zhang et al. (2009)
99AK-7			832	39.14	8.33	14.2	36.3		1.86	2.01	Zhang et al. (2009)
99AK-8			832	41.07	7.77	16.4	37.2		2.05	2.92	Zhang et al. (2009)
99AK-9			832	39.98	8.29	13.8	36.7		2.17	3.08	Zhang et al. (2009)
04H2	Basalt	Fuchuan, close to SA	825	49.11	5.21	14.0	38.3		0.79	1.37	Zhang et al. (2013a)
04H3			825	52.62	4.48	14.4	38.4		0.73	1.32	Zhang et al. (2013a)
04H4			825	50.06	3.82	13.7	31.5		0.77	1.18	Zhang et al. (2013a)
04H5			825	49.5	5	13.8	32.3		0.84	1.32	Zhang et al. (2013a)
04H6	Keratophyre		825	56.9	7.45	14.4	29.6		0.43	1.10	Zhang et al. (2013a)
04H7	Basalt		825	54.42	3.38	12.8	31.8		1.98	1.98	Zhang et al. (2013a)
04H8	Keratophyre		825	64.68	3.68	14.4	34.9		2.46	2.12	Zhang et al. (2013a)
04H11	Basalt		825	49.18	7.49	14.1	30.2		0.72	1.27	Zhang et al. (2013a)
09H1			825	52.99	3	13.8	31.7		1.85	2.05	Zhang et al. (2013a)
09H2			825	54.32	5.28	13.4	31.5		1.96	2.04	Zhang et al. (2013a)
2014SC65H1	Serpentinite	NE Jiangxi, close to SA	1020	48.08	13.453	11.3	37.0		3.58	1.82	Zhang et al. (2015)
2014SC65H2			1020	48.67	12.847	3.4	24.1		1.27	0.70	Zhang et al. (2015)
2014SC65H3			1020	44.52	14.337	6.6	16.4		3.75	1.39	Zhang et al. (2015)
2014SC66H1			1020	41.55	12.642	1.3	36.0		0.37	0.11	Zhang et al. (2015)
2014SC66H2			1020	41.51	14.165	11.8	38.5		0.67	0.60	Zhang et al. (2015)
2014SC67H6			1020	40.27	12.512	4.2	43.8		0.61	1.26	Zhang et al. (2015)
2014SC67H7			1020	38.35	14.648	2.4	43.0		0.48	1.22	Zhang et al. (2015)
2014SC67H8			1020	34.79	17.031	1.0	81.5		0.31	0.22	Zhang et al. (2015)
2014SC67-1H1	Gabbro		1020	54.11	3.8	12.3	43.6		0.70	1.34	Zhang et al. (2015)
2014SC67-1H2			1020	53.78	1.81	13.3	24.7		0.15	0.79	Zhang et al. (2015)
2014SC67-2H1	Carbonated olivine gabbro		1020	15.58	37.15	1.7	19.5		0.46	2.35	Zhang et al. (2015)
2014SC67-2H2			1020	21.22	29.94	**33.7**	37.5	2587	0.60	3.37	Zhang et al. (2015)
2014SC65H4	Olivine pyroxenite		1020	48.61	11.77	15.5	24.1		2.09	2.05	Zhang et al. (2015)
2014SC65H5			1020	44.06	12.69	10.7	38.6		3.07	1.62	Zhang et al. (2015)

2014SC65H6			1020	45.22	11.89	10.9	27.4		0.87	1.43	Zhang et al. (2015)
2014SC65H7			1020	44.33	12.07	12.0	36.4		0.97	1.50	Zhang et al. (2015)
2014SC65H8			1020	41.37	11.2	9.2	14.2		2.03	2.23	Zhang et al. (2015)
2014SC67H1			1020	49.73	1.96	13.9	40.1		0.60	1.48	Zhang et al. (2015)
2014SC67H2			1020	55.69	3.82	14.0	44.1		0.64	1.35	Zhang et al. (2015)
2014SC67H3	Diabase		1020	50.37	2.83	14.5	36.4		0.64	1.45	Zhang et al. (2015)
2014SC67H4			1020	52.71	3.18	11.4	36.5		0.64	1.52	Zhang et al. (2015)
2014SC67H5			1020	50.78	2.9	13.9	36.2		0.63	1.46	Zhang et al. (2015)
2014SC52H1	Carbonated diabase		1020	36.55	5.52	16.3	37.4		0.39	1.14	Zhang et al. (2015)
2014SC52H5			1020	43.52	2.63	10.3	34.7		0.39	0.99	Zhang et al. (2015)
2014SC52H6	Diabase		1020	40.43	2.87	7.7	35.6		0.43	1.11	Zhang et al. (2015)
2014SC52H7			1020	37.95	3.66	5.2	34.1		0.41	1.08	Zhang et al. (2015)
07WQ-01	Gabbro			47.67	2.09	15.9	34.6		0.43	1.05	Zhang et al. (2017)
07WQ-03			865	50.92	1.67	12.8	38.2		0.43	1.10	Zhang et al. (2017)
07WQ-04			865	48.65	1.23	14.3	32.4		0.41	1.02	Zhang et al. (2017)
07WQ-05			865	46.79	1.4	14.5	33.7		0.48	1.03	Zhang et al. (2017)
07WQ-07			865	49.75	1.57	14.2	28.7		0.47	0.99	Zhang et al. (2017)
07WQ-08		Wenquan, central	865	47.84	1.47	13.9	34.1		0.38	1.05	Zhang et al. (2017)
07WQ-10		Jiangnan Orogen	865	48.47	1.46	13.5	32.8		0.43	0.99	Zhang et al. (2017)
07WQ-11			865	48.31	1.17	13.5	33.8		0.40	1.01	Zhang et al. (2017)
07WQ-12			865	49.93	1.64	13.5	32.7		0.43	1.04	Zhang et al. (2017)
07WQ-13	Tremolite schist		865	48.67	1.98	12.5	28.3		0.38	1.18	Zhang et al. (2017)
07WQ-19-1			865	49.77	1.68	13.8	34.0		0.42	0.96	Zhang et al. (2017)
07WQ-19-2			865	49.97	1.8	12.5	31.4		0.42	1.04	Zhang et al. (2017)
07GZS-03				53.25	0.65	13.2	30.7		0.67	1.13	Zhang et al. (2017)
07GZS-04				47.78	1.46	12.6	33.4		0.51	1.05	Zhang et al. (2017)
07GZS-08-3				53.30	0.82	13.5	32.5		0.70	1.11	Zhang et al. (2017)
07GZS-08-4		Guizongsi, central		50.11	1.24	15.2	34.5		0.48	1.06	Zhang et al. (2017)
07GZS-08-7		Jiangnan Orogen		55.14	0.97	13.5	33.1		0.67	1.12	Zhang et al. (2017)
07GZS-08-8				54.52	0	13.0	35.9		0.69	1.19	Zhang et al. (2017)
07GZS-08-9				53.19	0.89	14.1	33.6		0.60	1.06	Zhang et al. (2017)
09ZT-01-1	Amphibolite			50.52	1.29	15.6	27.6		0.46	0.87	Zhang et al. (2017)

09ZT-01-3		Meishuwan, central Jiangnan Orogen		51.43	1.01	13.8	26.0		0.48	0.85	Zhang et al. (2017)
09ZT-01-6				50.54	1.08	15.1	31.2		0.40	0.92	Zhang et al. (2017)
09ZT-01-7				49.09	0.96	14.2	27.6		0.64	1.15	Zhang et al. (2017)
JX06-1-1			850	49.90	0.97	12.3	47.2		0.41	1.08	Zhang et al. (2017)
JX06-1-4			850	50.16	0.87	15.1	30.0		0.40	0.97	Zhang et al. (2017)
JX06-9-b			857	49.77	1.34	15.4	30.4		0.52	1.03	Zhang et al. (2017)
JX06-9			857	50.39	1.38	14.6	32.9		0.48	1.06	Zhang et al. (2017)
09ZT-02-1		Zhoutan, central Jiangnan Orogen		48.95	2.12	13.8	33.6		1.49	1.48	Zhang et al. (2017)
09ZT-02-4				58.60	0.98	12.7	31.3		1.23	1.37	Zhang et al. (2017)
09ZT-03-1			845	53.81	2.22	12.3	29.7		1.06	1.31	Zhang et al. (2017)
09ZT-03-2			845	53.98	2.12	13.1	30.7		1.21	1.38	Zhang et al. (2017)
09ZT-03-3			845	55.03	1.63	13.5	31.5		1.59	1.51	Zhang et al. (2017)
JX06-3-1				49.22	3.13	9.9	29.9		1.22	1.34	Zhang et al. (2017)
03HN59	Peridotite	Fuchuan, close to SA	825	39.9	12.8	13.0	36.9		0.36	0.94	Zhang et al. (2012a)
03HN62	Wehrlite		825	42.3	4.15	**25.9**	31.1	5327	0.07	0.72	Zhang et al. (2012a)
03HN60	Gabbro		825	36.5	3.33	14.3	25.5		0.57	0.97	Zhang et al. (2012a)
03HN64			825	43.9	4.11	19.0	37.5		2.06	1.50	Zhang et al. (2012a)
03HN65			825	46.6	4.83	**20.6**	28.9	5779	0.41	0.93	Zhang et al. (2012a)
03HN66			825	45.6	3.63	12.3	37.6		0.20	0.95	Zhang et al. (2012a)
03HN67			825	46.7	2.98	13.2	33.5		0.59	0.87	Zhang et al. (2012a)
03HN68	Spilite		825	52.8	3.08	11.7	36.5		1.68	2.16	Zhang et al. (2012a)
03HN69			825	55.1	3.3	11.9	34.7		1.65	2.00	Zhang et al. (2012a)
03HN70			825	55.4	5.01	12.1	35.4		1.61	2.06	Zhang et al. (2012a)
03HN71			825	53.8	2.18	12.5	34.5		1.11	1.61	Zhang et al. (2012a)
FC-2	Gabbro	Fuchuan, close to SA		49.18	3		30.7		1.23	1.55	Zhang et al. (2011)
FC-3	Basalt			55.6	3.92		39.6		1.60	3.10	Zhang et al. (2011)
FC-4				49.9	3.94		42.7		1.12	2.06	Zhang et al. (2011)
ZY-1-1	Basalt	Zhangyuan, close to SA		50.34	5.61		39.4		0.94	1.94	Zhang et al. (2011)
ZY-1-2				46.88	5.15		41.2		1.11	1.94	Zhang et al. (2011)
ZY-1-3				45.93	4.22		45.2		1.12	1.95	Zhang et al. (2011)
ZY-1-4				48.06	6.57		39.3		1.13	1.51	Zhang et al. (2011)
ZY-1-5	Diabase			49.22	5.85		41.3		0.90	4.62	Zhang et al. (2011)

ZY-1-6				47.49	5.17		43.3		1.17	3.81	Zhang et al. (2011)
ZY-1-7				48.21	5.32		43.6		1.01	3.81	Zhang et al. (2011)
ZY-1-8	Gabbro			48.51	3.81		33.9		0.91	1.58	Zhang et al. (2011)
ZY-1-9				44.74	6.55		30.6		0.86	1.74	Zhang et al. (2011)
ZY-1-10				51.29	5.398		38.5		1.18	2.28	Zhang et al. (2011)
ZY-2	Spilite			50.33	3.86		24.1		0.94	1.27	Zhang et al. (2011)
ZY-4				49.88	3.3				0.82	1.44	Zhang et al. (2011)
ZY-5				55.79	2.98				1.15	1.80	Zhang et al. (2011)
CSP-1	High-Mg volcanics	Cangshuipu, central Jiangnan Orogen	825	56.47	7.68	13.8	35.4		4.83	3.26	Zhang et al. (2012b)
CSP-2B			825	60.50	5.36	14.0	34.7		4.63	3.09	Zhang et al. (2012b)
CSP-10B			825	62.77	1.1	15.4	34.8		4.63	3.62	Zhang et al. (2012b)
CSP-12c			825	57.56	2.54	13.1	35.2		3.95	2.68	Zhang et al. (2012b)
CSP-15a			825	55.10	10.19	12.7	34.7		3.32	2.71	Zhang et al. (2012b)
CSP-18			825	63.38	2.4	12.8	35.1		4.67	3.87	Zhang et al. (2012b)
CSP-1q			825	67.13	1.7	12.5	33.4		3.42	2.91	Zhang et al. (2012b)
CSP-2			825	61.77	2.18	13.2	34.6		2.89	2.22	Zhang et al. (2012b)
CSP-3			825	64.13	1.87	13.8	34.2		3.78	2.86	Zhang et al. (2012b)
CSP-7			825	64.41	2.07	12.8	33.6		3.41	2.49	Zhang et al. (2012b)
CSP-8			825	57.48	2.64	12.0	32.6		3.20	2.40	Zhang et al. (2012b)
CSP-9			825	61.03	2.71	12.9	33.8		3.86	2.85	Zhang et al. (2012b)
CSP-11			825	57.77	3.11	11.6	33.2		3.53	2.94	Zhang et al. (2012b)
CSP-37			825	56.44	9.62	12.8	37.1		1.86	2.64	Zhang et al. (2012b)
CSP-38			825	54.19	9.59	13.6	37.5		5.83	3.63	Zhang et al. (2012b)
CSP-42			825	50.97	11.08	13.6	36.3		1.96	2.76	Zhang et al. (2012b)
05YY-2#			825	61.10	2.32	16.2	44.7		5.10	3.79	Zhang et al. (2012b)
09WS-1	Basalt	Wenjiashi, central Jiangnan Orogen	860	49.40	2.08	11.6	34.1		0.20	0.66	Zhang et al. (2013b)
09WS-2			860	47.49	3.34	13.3	32.1		0.14	0.57	Zhang et al. (2013b)
09WS-3A			838	49.81	3.02	12.5	31.1		0.16	0.63	Zhang et al. (2013b)
09WS-3D			838	49.41	2.9	12.6	32.9		0.13	0.57	Zhang et al. (2013b)
01WS-3			847	49.92	3.2	14.9	30.5		0.16	0.65	Zhang et al. (2013b)
01WS-4			847	49.84	3.15	14.6	30.5		0.17	0.61	Zhang et al. (2013b)
01WS-5			847	50.07	3.13	14.1	29.2		0.16	0.65	Zhang et al. (2013b)

01WS-8			847	49.00	3.37	14.2	27.9		0.14	0.58	Zhang et al. (2013b)
WS-8A			847	50.82	1.96	11.2	35.1		0.18	0.73	Zhang et al. (2013b)
WS-8D			847	50.18	2.13	13.3	35.9		0.26	0.87	Zhang et al. (2013b)
WS-8E			847	50.75	1.82	12.7	31.4		0.19	0.73	Zhang et al. (2013b)
WS-8F			847	50.87	1.76	12.6	34.9		0.19	0.70	Zhang et al. (2013b)
10WS-1	Dolerite	Fangxi, central Jiangnan Orogen	847	49.44	3.36	12.9	28.2		0.16	0.62	Zhang et al. (2013b)
10WS-4			847	49.72	3.12	13.6	28.5		0.15	0.63	Zhang et al. (2013b)
10WS-6			847	49.82	2.9	11.9	30.6		0.10	0.56	Zhang et al. (2013b)
10WS-8			847	49.25	3.35	15.8	28.2		0.13	0.54	Zhang et al. (2013b)
10WS-10			847	49.18	2.07	12.5	32.8		0.15	0.70	Zhang et al. (2013b)
SHEB-1	Basalt	Shexian, close to SA	830	57.19	3.96	12.3	37.0		1.74	2.07	Zhao and Asimow (2014)
SHEB-2			830	52.07	4.61	12.7	37.9		1.62	2.13	Zhao and Asimow (2014)
SHEB-4			830	54.5	4.33	13.8	37.1		1.67	2.08	Zhao and Asimow (2014)
SHEB-6			830	53.51	3.3	12.3	38.2		1.66	2.07	Zhao and Asimow (2014)
SHEB-8			830	55.01	3.52	13.0	36.1		1.67	2.10	Zhao and Asimow (2014)
SHEB-10			830	56.29	2.61	11.8	36.4		1.65	2.10	Zhao and Asimow (2014)
SHEB-12			830	54.86	3.34	9.8	36.2		1.69	2.10	Zhao and Asimow (2014)
SHEB-14			830	57.44	4.45	2.7	36.3		1.71	2.10	Zhao and Asimow (2014)
SHEB-16			830	55.02	5.15	12.8	37.0		1.68	2.05	Zhao and Asimow (2014)
SHEB-17			830	53.52	3.68	13.6	38.4		1.63	2.03	Zhao and Asimow (2014)
ZY-1	Basalt	Zhangyuan, close to SA	830	52.09	2.02	11.6	34.8		1.22	1.49	Zhao and Asimow (2014)
ZY-4			830	51.13	2.3	13.4	36.1		1.25	1.48	Zhao and Asimow (2014)
ZY-5			830	50.30	2.7	13.4	35.2		1.20	1.47	Zhao and Asimow (2014)
ZY-7			830	49.64	2.79	13.6	35.0		1.19	1.49	Zhao and Asimow (2014)
ZY-8			830	50.53	2.67	8.1	39.7		1.15	1.53	Zhao and Asimow (2014)
ZY-9			830	52.71	2.4	13.6	36.0		1.19	1.53	Zhao and Asimow (2014)
ZY-13			830	49.37	4.26	13.3	35.1		1.04	1.37	Zhao and Asimow (2014)
ZY-15			830	48.81	3.24	13.7	36.0		1.14	1.44	Zhao and Asimow (2014)
ZY-18			830	48.10	3.35	13.9	35.0		1.15	1.47	Zhao and Asimow (2014)
ZY-20			830	50.61	4.39	13.1	34.1		1.25	1.49	Zhao and Asimow (2014)
ZY-23			830	51.15	3.12	12.9	35.7		1.12	1.48	Zhao and Asimow (2014)
ZY-24			830	48.72	3.31	13.7	34.9		0.97	1.31	Zhao and Asimow (2014)

ZY-25			830	48.56	7.47	13.9	36.1		1.09	1.52	Zhao and Asimow (2014)
LSZ-1	Basalt	Lushan, central Jiangnan Orogen	830	48.97	3.56	17.2	42.1		1.19	1.83	Zhao and Asimow (2014)
LSZ-2			830	50.41	2.72	17.0	42.5		1.08	1.56	Zhao and Asimow (2014)
LSZ-3			830	47.92	3.63	11.0	44.9		1.21	1.54	Zhao and Asimow (2014)
LSZ-4			830	46.69	3.84	15.8	44.8		1.01	1.60	Zhao and Asimow (2014)
LSZ-6			830	51.99	2.94	17.8	45.1		1.27	1.43	Zhao and Asimow (2014)
LSZ-8			830	54.32	3.87	16.7	43.8		1.19	1.63	Zhao and Asimow (2014)
LSZ-9			830	55.27	3.32	17.1	44.5		1.00	1.60	Zhao and Asimow (2014)
LSZ-10			830	51.49	4.15	17.6	44.8		1.13	1.79	Zhao and Asimow (2014)
LSZ-11			830	55.79	2.32	17.5	45.4		1.22	1.74	Zhao and Asimow (2014)
LSZ-12			830	51.54	3.49	12.5	40.2		1.12	1.72	Zhao and Asimow (2014)
LSZ-14			830	54.08	2.2	14.4	39.8		1.30	1.73	Zhao and Asimow (2014)
LSZ-16			830	50.10	3.25	16.1	41.2		1.25	1.70	Zhao and Asimow (2014)
LSZ-17			830	50.43	3.08	15.2	40.2		1.29	1.75	Zhao and Asimow (2014)
LSZ-18			830	51.39	3.32	15.4	43.6		1.06	1.60	Zhao and Asimow (2014)
LSZ-21			830	54.12	2.71	16.2	41.4		0.92	1.60	Zhao and Asimow (2014)
LSZ-22			830	57.99	2.54	16.5	41.0		1.26	1.78	Zhao and Asimow (2014)
LSZ-23			830	54.94	2.88	13.6	42.6		1.21	1.72	Zhao and Asimow (2014)
LSZ-25			830	53.58	2.26	15.7	38.7		1.17	2.01	Zhao and Asimow (2014)
LSZ-26			830	51.95	3.97	15.5	40.7		0.90	1.69	Zhao and Asimow (2014)
LSZ-27			830	49.09	2.79	15.5	39.1		1.03	1.64	Zhao and Asimow (2014)
GXWW1	Basalt	Sibao, west Jiangnan Orogen	830	48.54	3.43	13.5	40.8		0.80	1.33	Zhao and Zhou (2013)
GXWW2			830	52.21	2.34	13.8	40.2		0.83	1.27	Zhao and Zhou (2013)
GXWW3			830	46.12	4.2	14.0	39.6		0.84	1.35	Zhao and Zhou (2013)
GXWW4			830	47.50	3.99	12.6	38.9		0.84	1.33	Zhao and Zhou (2013)
GXWW5			830	48.49	2.86	13.4	37.7		0.81	1.45	Zhao and Zhou (2013)
GXWW6			830	51.13	2.98	13.8	42.6		0.81	1.38	Zhao and Zhou (2013)
GXWW7			830	48.80	3.73	13.7	40.1		0.72	1.82	Zhao and Zhou (2013)
GXWW8			830	47.77	3.81	14.6	40.3		0.75	1.37	Zhao and Zhou (2013)
GXWW10			830	51.61	2.88	14.0	38.9		0.77	1.31	Zhao and Zhou (2013)
GXWW11			830	48.41	3.3	13.0	41.2		0.84	1.54	Zhao and Zhou (2013)
GXWW12			830	47.82	3.59	12.0	37.5		0.82	1.37	Zhao and Zhou (2013)

GXWW13			830	51.99	2.61	14.2	42.2		0.75	1.45	Zhao and Zhou (2013)
YY0832	Basalt	Yiyang, central Jiangnan Orogen	830	49.08	3.96	10.8	30.9		0.93	1.36	Zhao and Zhou (2013)
YY0833			830	49.48	4.39	9.9	31.3		0.90	1.33	Zhao and Zhou (2013)
YY0834			830	52.12	3.63	9.7	31.2		0.83	1.40	Zhao and Zhou (2013)
YY0835			830	51.58	3.28	12.0	33.5		0.92	1.23	Zhao and Zhou (2013)
YY0837			830	48.61	5.84	10.0	33.0		0.99	1.35	Zhao and Zhou (2013)
YY0838			830	48.86	5.3	9.4	30.7		1.03	1.36	Zhao and Zhou (2013)
YY0841			830	51.04	3.52	11.6	32.0		1.00	1.34	Zhao and Zhou (2013)
YY0842			830	49.18	3.7	10.1	32.8		0.95	1.28	Zhao and Zhou (2013)
YY0843			830	47.89	4.3	7.2	32.6		0.95	1.52	Zhao and Zhou (2013)
1	Metamorphic dunites	NE Jiangxi, close to SA		39.14	13.1				2.54	5.74	Zhou (1989)
2				45.12	8.84				1.95	2.60	Zhou (1989)
3				44.96	8.8				0.79	1.86	Zhou (1989)
4				40.34	12.66				2.93	4.31	Zhou (1989)
5	Augite peridotite			39.66	9.44				9.44	8.14	Zhou (1989)
6				49.08	8.34				1.08	0.65	Zhou (1989)
7	Olivine websterite			48.52	2.04				0.87	1.09	Zhou (1989)
9	Cumulate augite peridotite			33.88	21.62				1.03	3.86	Zhou (1989)
10				39.36	12.44				0.65	4.26	Zhou (1989)
15	Diorite			53.6	2.12				0.58	1.80	Zhou (1989)
16				52.6	2.3				0.55	1.27	Zhou (1989)
17	Diabase			51.3	3.48				0.31	1.71	Zhou (1989)
97GX51	Spilite	Longsheng, west Jiangnan Orogen		50.10	4.14	10.7	35.6		0.99	1.81	Zhou et al. (2007a)
97GX50	Spilite			47.60	6.43	11.7	37.7		0.84	2.12	Zhou et al. (2007a)
97GX52				49.70	4.34	12.0	35.5		0.63	1.72	Zhou et al. (2007a)
97GX64				55.70	3.22	11.1	34.3		0.81	1.73	Zhou et al. (2007a)
SM-54□				52.00	3.13	11.0	35.0		1.19	2.06	Zhou et al. (2007a)
SM-55□				54.70	2.33	7.2	39.1		1.43	2.28	Zhou et al. (2007a)
GB04-65	Gabbro		765	47.90	4.47	14.1	38.6		1.55	2.24	Zhou et al. (2007a)
GB04-66			765	54.90	3.38	15.1	38.5		1.09	1.93	Zhou et al. (2007a)
GB04-68			765	47.60	5.29	13.8	35.9		0.83	2.01	Zhou et al. (2007a)
GB04-80			765	53.50	2.54	14.6	36.3		1.19	1.70	Zhou et al. (2007a)

97GX57-3			765	49.30	2.82	11.0	35.7		1.29	2.22	Zhou et al. (2007a)
97GX57-8			765	52.30	2.49	12.3	37.5		1.23	2.10	Zhou et al. (2007a)
97GX66			765	50.80	2.46	12.1	35.4		1.06	1.65	Zhou et al. (2007a)
97GX67			765	46.30	4.38	12.1	31.1		1.09	1.49	Zhou et al. (2007a)
HN04-25	Dolerite (OIB)	Guzhang, west Jiangnan Orogen	768	50.20	5.59	16.6	38.0		2.16	3.12	Zhou et al. (2007a)
HN04-29			768	51.70	2.58	16.6	38.3		2.39	3.21	Zhou et al. (2007a)
HN04-34	Dolerite (OIB)	Anjiang, west Jiangnan Orogen		49.30	4.15	17.2	39.1		2.77	4.02	Zhou et al. (2007a)
HN04-36				51.40	2.69	17.1	39.7		2.59	3.55	Zhou et al. (2007a)
HN04-37				54.70	4.57	16.7	38.0		2.69	3.53	Zhou et al. (2007a)
HN04-38				55.00	5.4	18.3	42.2		2.88	3.41	Zhou et al. (2007a)
HN04-41				48.60	3.95	17.0	42.3		4.70	7.19	Zhou et al. (2007a)
HN04-43				51.20	7.15	17.4	36.2		2.45	3.49	Zhou et al. (2007a)
HN04-45				54.50	6.91	15.7	36.3		2.55	3.08	Zhou et al. (2007a)
HN04-47	Dolerite	Tongdao, west Jiangnan Orogen		52.50	7.25	15.6	36.6		1.39	1.98	Zhou et al. (2007a)
HN04-48				53.00	3.19	15.3	36.1		1.37	2.09	Zhou et al. (2007a)
GB04-41	Olivine pyroxenite	Yuanbaoshan, west Jiangnan Orogen	841	45.60	4.17	12.5	35.3		0.62	1.95	Zhou et al. (2007b)
GB04-42			841	45.30	3.51	13.6	33.0		0.64	1.88	Zhou et al. (2007b)
GB04-43			841	41.90	6.92	13.3	37.9		0.99	1.86	Zhou et al. (2007b)
GB04-46			841	45.40	8.06	12.3	33.4		1.21	2.49	Zhou et al. (2007b)
GB04-47	Pyroxene peridotite		841	42.50	10.8	12.7	33.9		0.85	1.63	Zhou et al. (2007b)
GB04-48	Pyroxenite		841	43.10	11.1	13.3	36.6		0.99	1.94	Zhou et al. (2007b)
GB04-51			841	42.30	15.8	12.3	38.0		0.77	1.60	Zhou et al. (2007b)
GB04-54	Olivine pyroxenite		841	44.00	8.15	13.1	33.6		0.60	1.95	Zhou et al. (2007b)
GB04-55			841	44.20	6.78	12.5	34.6		0.59	1.83	Zhou et al. (2007b)
NQ-22	Basalt	Nanqiao, central Jiangnan Orogen	860	51.03	2.32	11.9	34.6		0.15	0.52	Zhou et al. (2003)
NQ-24			860	49.95	2.31	9.1	35.1		0.14	0.53	Zhou et al. (2003)
NQ-25			860	50.38	2.43	9.8	33.6		0.16	0.52	Zhou et al. (2003)
NQ-26-1	Dolerite		860	51.34	1.66	10.8	36.3		0.18	0.52	Zhou et al. (2003)
DS-2	Diorite	Baotan, west Jiangnan Orogen	830	55.76	1.83	11.0	38.5		1.87	1.77	Zhou et al. (2004)
HJW-9	Andesitic basalt		830	54.18	2.42	8.2	31.9		0.95	1.36	Zhou et al. (2004)
LJW-11	Gabbro diabase		830	53.54	2.33	7.6	37.8		1.23	1.48	Zhou et al. (2004)
HG-15	Andesite		830	55.94	2.01	10.5	36.5		1.79	1.62	Zhou et al. (2004)

JP-19	Andesitic basalt		830	54.31	2.42	11.5	31.8		1.49	1.58	Zhou et al. (2004)
JP-20	Gabbro		830	52.26	3.39	3.7	28.2		1.21	1.51	Zhou et al. (2004)
GX-4	Komatiitic basalt		830	50.70	3.36	15.5	37.8		0.93	1.57	Zhou et al. (2004)
SM-43	Lherzolite	Sanmen, west Jiangnan Orogen		47.89	4.8	**21.9**	46.4	4624	1.51	2.39	Zhou et al. (2004)
SM-47	Diabase			46.31	4.57	9.9	35.3		0.79	1.54	Zhou et al. (2004)
SM-48	Gabbro			50.70	3.82	19.7	49.8		1.41	2.32	Zhou et al. (2004)
SM-52	Diabase			52.88	4.75	12.2	49.5		1.08	2.04	Zhou et al. (2004)
SM-54	Basalt			50.54	3.13	11.0	35.0		1.19	2.06	Zhou et al. (2004)
SM-55	Spilite			53.58	2.33	7.2	39.1		1.43	2.28	Zhou et al. (2004)
SM-57	Spilite			52.64	5.95	6.6	39.2		1.34	2.10	Zhou et al. (2004)
FJS-03	Spilite	Fanjingshan, west Jiangnan Orogen		52.25	2.95	10.0	36.1		9.28	1.50	Zhou et al. (2009)
FJS-05	Pillow lava			50.86	2.5	10.3	34.8		9.76	1.36	Zhou et al. (2009)
FJS-06				53.11	2.16	11.5	34.9		9.86	1.30	Zhou et al. (2009)
FJS-14	Spilite			51.91	2.75	11.9	34.2		10.68	1.31	Zhou et al. (2009)
FJS-15				51.03	8.56	11.2	35.0		10.04	1.51	Zhou et al. (2009)
FJS-16	Basalt		814	51.25	3.71	11.7	32.2		11.19	1.21	Zhou et al. (2009)
FJS-02	Diabase		827	53.69	2.35	6.3	37.0		5.50	1.44	Zhou et al. (2009)
FJS-07-1			827	51.76	2.63	12.5	36.9		11.39	1.24	Zhou et al. (2009)
FJS-07-2			827	53.54	2.18	12.7	36.2		9.48	1.30	Zhou et al. (2009)
FJS-08			831	52.37	2.13	12.1	33.5		9.32	1.18	Zhou et al. (2009)
FJS-11			831	51.27	2.6	12.6	33.5		10.52	1.17	Zhou et al. (2009)
FJS-12			831	48.85	2.9	12.2	36.5		8.17	1.27	Zhou et al. (2009)
FJS-13			831	51.31	2.56	11.6	33.5		11.38	1.21	Zhou et al. (2009)
FJS-24			814	52.82	5.87	12.9	36.3		9.41	1.21	Zhou et al. (2009)
FJS-26			814	52.85	3.99	12.1	35.0		10.12	1.39	Zhou et al. (2009)
101-76-5	Andesite	Qimen, close to SA	822	54.33	7.07	16.4	37.0		0.29	2.77	Zhou et al. (2012)
ZK1202-02	Gabbronorite	Baotan, west Jiangnan Orogen	848	43.90	2.7	13.5	37.3		1.09	1.52	Zhou et al. (2017c)
ZK1202-03	Gabbronorite with vein		848	44.60	0.71	16.1	38.1		1.20	1.29	Zhou et al. (2017c)
ZK1202-04	Gabbronorite		848	44.10	1.84	12.3	37.5		1.18	1.38	Zhou et al. (2017c)
ZK1202-05			848	45.20	3.39	13.3	37.4		1.24	1.39	Zhou et al. (2017c)
ZK1202-06			848	46.00	3.77	12.4	37.3		1.10	1.44	Zhou et al. (2017c)
ZK1202-07			848	45.40	3.48	11.9	42.5		1.20	1.47	Zhou et al. (2017c)

ZK1202-08			848	44.90	3.89	12.2	33.1		1.22	1.44	Zhou et al. (2017c)
ZK1202-09			848	46.20	4.39	12.7	36.0		1.38	1.51	Zhou et al. (2017c)
ZK1202-10			848	47.50	3.54	12.9	38.1		1.27	1.49	Zhou et al. (2017c)
ZK1202-11			848	46.90	3.44	11.5	33.3		1.51	1.51	Zhou et al. (2017c)
ZK1202-12			848	46.40	3.24	12.2	36.1		1.27	1.57	Zhou et al. (2017c)
ZK1202-13			848	43.60	2.09	14.5	37.9		1.33	1.37	Zhou et al. (2017c)
ZK1202-14	Dolerite		848	49.60	2.16	14.2	36.5		1.28	1.50	Zhou et al. (2017c)
ZK1202-15			848	46.80	4.33	12.7	36.9		1.25	1.46	Zhou et al. (2017c)
ZK1202-16			848	47.20	3.93	13.3	34.9		1.19	1.39	Zhou et al. (2017c)
ZK1202-17			848	47.30	3.83	13.3	34.6		1.22	1.40	Zhou et al. (2017c)
ZK1202-18			848	46.50	3.79	17.0	44.0		1.12	1.56	Zhou et al. (2017c)
ZK1202-19			848	46.30	3.66	14.2	37.6		1.26	1.48	Zhou et al. (2017c)
ZK1202-20	Gabbronorite		848	47.10	3.91	15.7	43.7		1.21	1.56	Zhou et al. (2017c)
ZK1202-21			848	47.60	4.16	13.5	37.4		1.31	1.58	Zhou et al. (2017c)
ZK1202-22			848	47.80	4.28	13.3	35.5		1.35	1.42	Zhou et al. (2017c)
ZK1202-23			848	47.10	4.36	14.4	39.1		1.26	1.56	Zhou et al. (2017c)
ZK30703			848	51.10	1.47	15.8	35.7		1.46	1.50	Zhou et al. (2017c)
LC-1301			848	48.30	3.09	12.6	38.0		1.24	1.50	Zhou et al. (2017c)
LC-1304			848	37.30	5.71	13.5	36.3		1.37	1.76	Zhou et al. (2017c)
LC-1308	Gabbronorite		848	35.70	4.95	12.9	40.0		1.31	1.73	Zhou et al. (2017c)
LC-1310			848	46.40	3.16	15.5	41.2		1.41	1.49	Zhou et al. (2017c)

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