Table S1. Contents of major and trace elements of the Guangtoushan and Miba plutons.

	Guangtoushan pluton													Miba pluton							
Sample No.	GTS1501	GTS1502	GTS1504	GTS1505	GTS1507	GTS1508	GTS1509	GTS1510	GTS1503	GTS1506	GTS1511	GTS1512	GTS1513	CX1719	CX1720	CX1722	CX1717	CX1718	CX1721	CX1723	CX1724
Rock type	MG	MG	MG	MG	MG	MG	MG	MG	GR	GR	GR	QD	QD	MG	MG	MG	MG	MG	MG	QD	QD
(wt.%)																					
SiO_2	67.97	71.12	70.95	71.02	70.53	68.92	70.49	69.85	72.23	74.77	73.46	62.52	64.82	66.08	66.92	67.04	69.78	69.03	68.48	62.58	62.56
TiO_2	0.12	0.23	0.24	0.14	0.24	0.33	0.27	0.26	0.19	0.06	0.12	0.49	0.35	0.45	0.43	0.43	0.25	0.33	0.36	0.53	0.52
Al_2O_3	18.98	16.58	16.46	17.34	17.30	16.93	16.72	17.24	15.62	14.58	15.30	19.08	18.90	15.54	15.26	15.43	16.27	16.07	16.08	15.92	15.96
$^TFe_2O_3$	0.94	1.82	1.77	1.09	1.74	2.24	1.90	1.82	1.47	0.72	1.00	4.30	2.87	3.27	3.12	3.10	1.86	2.28	2.55	4.31	4.11
MnO	0.03	0.05	0.03	0.02	0.03	0.04	0.04	0.04	0.04	0.02	0.03	0.11	0.07	0.06	0.06	0.06	0.04	0.05	0.05	0.08	0.07
MgO	0.25	0.55	0.53	0.31	0.51	0.68	0.41	0.50	0.42	0.12	0.25	2.12	1.72	1.72	1.77	1.65	0.57	0.69	0.90	3.61	3.38
CaO	2.52	2.31	2.21	2.80	1.58	2.48	1.64	1.90	1.72	1.29	0.72	4.41	4.06	3.11	3.08	2.74	2.89	3.09	3.07	4.69	4.53
BaO	0.06	0.10	0.10	0.09	0.09	0.12	0.16	0.11	0.11	0.14	0.12	0.09	0.06	0.10	0.11	0.11	0.10	0.10	0.10	0.13	0.14
Na_2O	5.54	4.85	4.80	5.29	4.26	4.58	3.89	4.25	4.00	4.02	3.63	3.77	4.46	3.90	3.78	3.85	5.04	4.12	4.41	3.88	3.75
K_2O	1.56	2.50	2.12	1.38	3.38	2.76	3.96	3.05	3.43	3.82	4.77	1.92	1.48	3.76	3.87	4.00	2.08	2.89	2.62	3.31	3.30
P_2O_5	0.07	0.10	0.08	0.06	0.09	0.11	0.13	0.09	0.08	0.02	0.03	0.17	0.15	0.20	0.19	0.19	0.09	0.11	0.12	0.24	0.22
SrO	0.10	0.07	0.09	0.08	0.04	0.07	0.04	0.05	0.06	0.03	0.03	0.08	0.08	0.07	0.06	0.07	0.09	0.08	0.07	0.09	0.08
LOI	0.86	0.33	0.54	0.38	0.75	0.39	0.96	0.77	0.52	0.46	0.65	0.63	0.83	0.82	0.71	1.05	0.49	0.71	0.81	1.01	1.06
Total	99.00	100.61	99.92	100.00	100.54	99.65	100.61	99.93	99.89	100.05	100.11	99.69	99.85	99.08	99.36	99.72	99.55	99.55	99.62	100.38	99.68
A/NK	1.76	1.55	1.61	1.70	1.62	1.61	1.56	1.67	1.52	1.36	1.37	2.30	2.11	1.48	1.46	1.45	1.54	1.62	1.59	1.60	1.64
A/CNK	1.23	1.11	1.16	1.13	1.28	1.13	1.22	1.25	1.16	1.11	1.23	1.17	1.16	0.96	0.95	0.98	1.03	1.03	1.02	0.86	0.89
$Na_2O/K2O$	3.55	1.94	2.26	3.83	1.26	1.66	0.98	1.39	1.17	1.05	0.76	1.96	3.01	1.04	0.98	0.96	2.42	1.43	1.68	1.17	1.14
$Mg^\#$	35	38	37	36	37	38	30	35	36	25	33	50	55	51	53	52	38	38	41	63	62
(ppm)																					
Li	50.29	48.00	30.43	65.79	99.68	87.14	79.19	86.91	38.01	38.90	30.89	68.69	35.09	54.48	47.21	49.51	28.60	40.85	37.41	37.08	28.92

Be	2.80	2.90	1.51	2.34	3.47	3.03	2.47	3.10	1.91	2.02	5.94	2.88	2.79	3.32	3.20	2.87	1.41	2.12	1.86	2.54	1.64
Sc	3.78	5.33	3.46	3.21	4.83	4.67	5.18	4.51	4.99	2.99	7.26	12.46	4.91	5.94	5.93	4.98	3.34	3.70	4.21	10.19	8.26
V	7.71	20.50	18.20	9.24	13.07	33.05	11.53	19.32	13.90	2.80	23.40	76.15	56.31	65.11	62.41	61.60	33.56	34.76	43.18	92.63	66.32
Cr	2.94	4.22	8.66	2.81	5.41	3.20	2.95	3.12	2.97	2.42	16.58	47.58	36.68	43.66	54.41	39.32	6.25	11.05	7.65	146.51	98.70
Ni	1.23	1.62	1.35	0.95	1.44	1.76	1.09	1.19	1.06	0.68	7.22	13.70	11.36	27.62	35.67	26.58	9.87	12.89	12.10	64.51	42.80
Cu	0.85	5.25	1.92	1.24	1.19	27.49	0.79	0.82	1.06	0.66	256.08	10.59	2.68	12.25	12.27	10.47	4.93	4.32	2.90	15.29	11.02
Zn	36.67	48.46	49.78	30.32	46.09	51.30	44.17	43.92	45.97	17.57	49.51	67.83	62.60	56.72	54.09	55.85	43.88	49.90	51.87	58.98	43.99
Ga	21.07	21.79	20.95	17.44	19.88	20.33	18.79	19.56	19.75	13.37	22.32	22.74	21.91	19.42	19.08	19.02	19.99	20.75	20.34	19.43	14.61
Rb	47.19	68.60	49.54	33.09	97.03	71.95	97.19	91.40	93.99	89.42	282.7	37.59	61.11	69.01	72.96	64.94	28.73	33.72	45.13	94.09	77.81
Sr	885.3	615.1	771.4	720.9	301.4	607.9	359.0	398.7	537.8	213.4	61.7	485.6	686.6	504.5	475.4	469.0	694.9	684.3	637.2	763.5	603.4
Y	15.05	12.44	11.57	8.62	16.07	12.50	16.75	14.81	18.55	8.25	21.86	18.19	17.36	13.29	13.55	11.32	7.00	8.39	8.28	14.31	10.67
Zr	736.4	299.7	380.2	317.4	641.3	396.5	599.5	661.5	410.3	241.6	152.7	402.2	353.6	166.09	142.53	152.50	113.28	142.59	126.51	42.27	57.69
Nb	3.61	5.25	5.77	3.38	9.43	7.10	9.45	7.17	6.00	4.63	39.24	6.72	4.95	10.36	9.59	9.98	4.29	6.32	6.44	9.64	6.88
Cs	3.45	3.51	2.65	1.80	5.20	4.12	3.54	5.44	2.38	2.85	15.75	4.37	3.13	5.86	5.07	4.36	1.54	2.80	3.20	4.96	3.58
Ba	479.5	867.6	907.0	718.5	779.4	943.4	1334.6	960.1	963.4	1148.3	255.0	703.2	514.8	873.1	884.2	879.7	845.5	872.8	886.8	1059.9	926.2
La	13.15	18.37	23.95	12.33	23.34	23.39	29.72	22.20	20.76	17.29	22.46	22.52	48.03	38.44	35.45	40.80	14.23	20.50	20.61	51.31	33.33
Ce	23.09	34.04	44.53	21.40	39.13	42.60	53.37	37.69	37.87	31.39	45.63	42.78	95.10	78.04	74.08	83.95	26.84	41.63	39.47	97.00	61.95
Pr	2.54	3.90	4.89	2.24	4.21	4.78	5.43	4.06	4.27	3.32	5.33	5.14	9.98	8.14	7.62	8.60	3.12	4.57	4.43	10.37	6.92
Nd	8.88	14.45	17.66	7.84	14.11	17.26	18.88	14.38	15.16	11.69	19.18	19.89	35.29	29.35	27.64	29.87	11.75	16.68	16.37	37.20	25.17
Sm	1.46	2.51	2.92	1.14	2.25	3.10	3.16	2.37	2.78	1.97	4.10	3.84	5.19	4.87	4.74	4.77	2.14	2.93	2.88	6.01	4.23
Eu	0.64	0.62	0.71	0.57	0.52	0.80	0.69	0.65	0.58	0.50	0.44	1.11	1.22	1.30	1.34	1.21	0.63	0.85	0.88	1.59	1.17
Gd	1.23	2.29	2.58	1.15	1.90	2.90	2.89	1.99	2.75	1.56	3.79	3.42	4.39	4.76	4.67	4.48	2.15	2.90	2.80	5.61	3.92
Tb	0.16	0.32	0.31	0.12	0.24	0.37	0.36	0.25	0.39	0.19	0.58	0.48	0.51	0.58	0.61	0.55	0.29	0.37	0.36	0.67	0.48
Dy	0.85	1.56	1.50	0.58	1.07	1.69	1.88	1.20	2.19	0.84	3.37	2.32	2.37	2.92	2.93	2.62	1.46	1.80	1.85	3.31	2.35
Ho	0.18	0.29	0.26	0.12	0.20	0.30	0.32	0.20	0.41	0.17	0.70	0.47	0.37	0.49	0.53	0.43	0.26	0.33	0.32	0.55	0.41
Er	0.53	0.80	0.75	0.36	0.52	0.72	0.89	0.61	1.26	0.44	2.07	1.30	0.98	1.47	1.51	1.27	0.80	0.93	0.92	1.59	1.20

Tm	0.08	0.13	0.11	0.05	0.07	0.12	0.12	0.08	0.18	0.08	0.34	0.18	0.12	0.20	0.22	0.16	0.11	0.12	0.13	0.21	0.16
Yb	0.59	0.78	0.72	0.37	0.46	0.65	0.83	0.58	1.34	0.48	2.46	1.15	0.72	1.30	1.36	1.09	0.73	0.88	0.82	1.34	1.06
Lu	0.10	0.11	0.11	0.06	0.07	0.10	0.14	0.09	0.19	0.08	0.39	0.18	0.10	0.20	0.23	0.16	0.12	0.13	0.13	0.20	0.15
Hf	17.05	7.16	9.12	7.05	14.38	9.26	13.95	15.23	9.53	5.94	5.09	9.16	8.12	6.75	6.94	6.33	4.45	5.61	5.13	3.47	3.23
Ta	0.28	0.49	0.36	0.20	0.86	0.55	0.58	0.62	0.38	0.41	3.81	0.40	0.22	1.35	1.48	1.01	0.72	0.70	0.83	1.21	0.86
Pb	12.54	14.23	14.35	10.59	27.54	15.69	24.61	13.27	19.47	22.03	51.54	8.86	10.97	22.64	23.49	23.22	11.40	21.83	20.50	22.04	17.14
Th	3.37	4.55	7.37	3.15	9.59	5.29	13.73	7.84	6.67	7.10	28.63	5.23	9.82	14.49	15.16	15.78	3.97	8.23	7.36	15.63	10.32
U	0.82	1.15	1.60	0.71	1.90	3.02	1.94	0.98	1.86	1.57	8.30	0.86	0.95	3.92	4.31	3.12	0.99	2.08	1.95	2.66	1.98
(La/Yb)$_N$	15.96	16.86	23.78	23.98	36.36	25.90	25.62	27.64	11.15	25.90	6.55	14.04	47.89	21.16	18.76	26.86	14.04	16.76	17.95	27.38	22.62
(La/Sm)$_N$	5.83	4.73	5.29	6.95	6.69	4.86	6.07	6.06	4.81	5.67	3.53	3.79	5.97	5.09	4.82	5.53	4.30	4.52	4.62	5.51	5.09
(Gd/Yb)$_N$	1.72	2.42	2.95	2.57	3.41	3.71	2.88	2.86	1.71	2.69	1.27	2.46	5.05	3.02	2.85	3.40	2.45	2.73	2.81	3.45	3.07
δ_{Eu}	1.42	0.78	0.78	1.50	0.74	0.81	0.68	0.90	0.63	0.84	0.34	0.92	0.76	0.81	0.86	0.79	0.89	0.89	0.94	0.82	0.87
δ_{Ce}	0.92	0.94	0.95	0.93	0.90	0.93	0.96	0.90	0.93	0.95	0.99	0.94	1.01	1.03	1.05	1.04	0.94	1.01	0.97	0.97	0.95
Nb/Ta	0.75	0.61	0.93	0.97	0.63	0.74	0.94	0.67	0.90	0.64	0.59	0.98	1.27	0.44	0.37	0.57	0.34	0.52	0.45	0.46	0.46

MG: Monzogranite; GR: granite; QD: quartz diorite

Table S2. Zircon U-Pb isotopic ages of the Guangtoushan and Miba plutons obtained by the LA-ICP-MS technique.

Analytical Spot No.	^{T}Pb (ppm)	Th (ppm)	U (ppm)	Th/U	$^{207}Pb/^{206}Pb$ ratio	±1σ	$^{207}Pb/^{235}U$ ratio	±1σ	$^{206}Pb/^{238}U$ ratio	±1σ	$^{207}Pb/^{206}Pb$ (Ma)	±1σ	$^{207}Pb/^{235}U$ (Ma)	±1σ	$^{206}Pb/^{238}U$ (Ma)	±1σ	Concordant
Guangtoushan pluton																	
GTS1502																	
GTS02-1	112	248	5437	0.05	0.0498	0.0018	0.2375	0.0081	0.0342	0.0003	187.1	117.6	216.4	6.7	216.6	2.0	99%
GTS02-2	149	474	649	0.73	0.0662	0.0030	1.0724	0.0490	0.1167	0.0022	813.0	95.5	739.9	24.0	711.8	13.0	96%
GTS02-4	54	313	1416	0.22	0.0559	0.0029	0.2749	0.0126	0.0357	0.0005	450.0	114.8	246.6	10.1	226.3	2.9	91%
GTS02-5	80	731	2407	0.30	0.0496	0.0022	0.2267	0.0098	0.0325	0.0004	176.0	100.9	207.4	8.2	205.9	2.5	99%
GTS02-6	80	378	3593	0.11	0.0504	0.0027	0.2330	0.0118	0.0329	0.0004	213.0	122.2	212.6	9.7	208.5	2.8	98%

GTS02-7	46	417	1184	0.35	0.0537	0.0029	0.2339	0.0112	0.0314	0.0004	366.7	120.4	213.4	9.2	199.1	2.7	93%
GTS02-8	85	1118	3316	0.34	0.0524	0.0024	0.1849	0.0086	0.0250	0.0005	301.9	105.5	172.3	7.4	159.2	3.3	92%
GTS02-9	28	147	1060	0.14	0.0533	0.0031	0.2355	0.0119	0.0319	0.0004	338.9	129.6	214.7	9.8	202.4	2.7	94%
GTS02-10	47	448	1093	0.41	0.0513	0.0028	0.2292	0.0107	0.0330	0.0004	257.5	132.4	209.6	8.9	209.5	2.8	99%
GTS02-11	107	945	3185	0.30	0.0490	0.0019	0.2231	0.0080	0.0323	0.0003	150.1	90.7	204.5	6.7	205.0	2.1	99%
GTS02-12	76	361	2629	0.14	0.0519	0.0022	0.2442	0.0096	0.0337	0.0004	279.7	93.5	221.9	7.8	213.5	2.4	96%
GTS02-13	118	728	5299	0.14	0.0479	0.0019	0.2041	0.0076	0.0300	0.0003	100.1	83.3	188.6	6.4	190.4	2.1	99%
GTS02-14	90	416	889	0.47	0.0608	0.0029	0.7100	0.0395	0.0824	0.0024	631.5	101.8	544.7	23.4	510.6	14.2	93%
GTS02-15	87	381	834	0.46	0.0557	0.0032	0.4882	0.0259	0.0620	0.0010	442.6	129.6	403.7	17.6	388.1	6.1	96%
GTS02-16	43	309	1331	0.23	0.0499	0.0028	0.2393	0.0124	0.0340	0.0005	190.8	129.6	217.9	10.2	215.8	3.4	99%
GTS02-17	25	159	778	0.20	0.0513	0.0034	0.2270	0.0128	0.0325	0.0006	253.8	150.0	207.7	10.6	206.0	3.5	99%
GTS02-18	101	670	3502	0.19	0.0496	0.0020	0.2488	0.0094	0.0353	0.0004	176.0	92.6	225.6	7.7	223.6	2.7	99%
GTS02-19	139	1171	4105	0.29	0.0495	0.0019	0.2363	0.0088	0.0337	0.0004	172.3	88.9	215.4	7.2	213.5	2.5	99%
GTS02-20	74	663	1632	0.41	0.0553	0.0038	0.2700	0.0169	0.0354	0.0005	433.4	151.8	242.7	13.5	224.0	3.4	92%
GTS02-21	73	784	1689	0.46	0.0514	0.0024	0.2303	0.0102	0.0319	0.0004	261.2	107.4	210.4	8.4	202.4	2.7	96%
GTS02-22	29	385	357	1.08	0.0572	0.0053	0.2243	0.0159	0.0296	0.0006	501.9	208.3	205.5	13.2	188.1	4.0	91%
GTS02-23	44	407	1281	0.32	0.0499	0.0025	0.2215	0.0104	0.0323	0.0004	190.8	113.9	203.2	8.6	205.1	2.6	99%
GTS02-24	39	341	1121	0.30	0.0503	0.0029	0.2151	0.0108	0.0314	0.0004	205.6	133.3	197.8	9.1	199.5	2.8	99%
GTS02-25	40	333	1120	0.30	0.0509	0.0028	0.2226	0.0112	0.0322	0.0004	235.3	130.5	204.1	9.3	204.1	2.8	99%
GTS02-26	24	243	626	0.39	0.0518	0.0044	0.2077	0.0155	0.0300	0.0005	276.0	189.8	191.6	13.0	190.4	3.3	99%
GTS02-27	35	195	1383	0.14	0.0530	0.0024	0.2333	0.0101	0.0317	0.0004	327.8	103.7	213.0	8.3	201.0	2.4	94%
GTS02-28	39	179	1624	0.11	0.0522	0.0024	0.2430	0.0110	0.0333	0.0005	300.1	105.5	220.9	9.0	210.9	3.0	95%
GTS02-29	41	198	1679	0.12	0.0508	0.0026	0.2260	0.0113	0.0317	0.0004	231.6	118.5	206.9	9.4	200.9	2.8	97%
GTS02-30	74	831	1690	0.49	0.0507	0.0023	0.2221	0.0092	0.0318	0.0004	233.4	105.5	203.6	7.6	201.9	2.3	99%
GTS02-31	14	129	358	0.36	0.0539	0.0047	0.2183	0.0161	0.0319	0.0007	368.6	193.5	200.5	13.4	202.2	4.1	99%
GTS02-32	69	533	2539	0.21	0.0515	0.0019	0.2325	0.0083	0.0322	0.0003	264.9	85.2	212.3	6.9	204.5	2.0	96%

GTS1503

GTS03-1	170	1534	3145	0.49	0.0495	0.0014	0.2224	0.0064	0.0323	0.0003	172.3	66.7	203.9	5.3	205.0	1.7	99%
GTS03-3	50	484	736	0.66	0.0538	0.0027	0.2343	0.0107	0.0321	0.0004	361.2	108.3	213.7	8.8	203.7	2.4	95%
GTS03-4	70	591	1742	0.34	0.0520	0.0020	0.2480	0.0099	0.0342	0.0005	283.4	88.9	225.0	8.1	217.0	2.9	96%
GTS03-5	47	355	1096	0.32	0.0500	0.0021	0.2201	0.0087	0.0320	0.0003	194.5	102.8	202.0	7.2	203.3	2.2	99%
GTS03-6	28	218	521	0.42	0.0545	0.0035	0.2282	0.0126	0.0313	0.0005	390.8	142.6	208.7	10.4	198.6	2.9	95%
GTS03-7	28	178	463	0.39	0.0520	0.0033	0.2225	0.0129	0.0318	0.0004	287.1	113.9	204.0	10.7	202.0	2.8	99%
GTS03-8	53	226	1647	0.14	0.0510	0.0019	0.2444	0.0089	0.0348	0.0004	242.7	85.2	222.0	7.3	220.4	2.7	99%
GTS03-9	47	480	912	0.53	0.0497	0.0022	0.2154	0.0086	0.0320	0.0004	189.0	103.7	198.1	7.2	203.1	2.3	97%
GTS03-10	49	228	1153	0.20	0.0506	0.0026	0.2374	0.0112	0.0348	0.0005	220.4	125.0	216.3	9.2	220.4	2.9	98%
GTS03-11	82	759	2210	0.34	0.0498	0.0017	0.2270	0.0075	0.0330	0.0003	183.4	77.8	207.7	6.2	209.3	2.0	99%
GTS03-12	64	361	2323	0.16	0.0474	0.0020	0.2204	0.0089	0.0338	0.0004	77.9	90.7	202.3	7.4	214.5	2.5	94%
GTS03-13	55	232	1157	0.20	0.0511	0.0021	0.3833	0.0188	0.0544	0.0013	255.6	99.1	329.5	13.8	341.5	8.2	96%
GTS03-14	39	347	798	0.44	0.0489	0.0024	0.2124	0.0095	0.0322	0.0004	142.7	112.0	195.6	8.0	204.5	2.8	95%
GTS03-15	96	474	3047	0.16	0.0525	0.0015	0.2341	0.0064	0.0323	0.0003	309.3	64.8	213.6	5.3	205.0	1.8	95%
GTS03-17	43	217	1665	0.13	0.0522	0.0020	0.2383	0.0085	0.0333	0.0004	294.5	88.9	217.0	6.9	210.9	2.3	97%
GTS03-18	48	253	1171	0.22	0.0511	0.0020	0.2223	0.0083	0.0313	0.0003	255.6	88.9	203.8	6.9	198.8	2.0	97%
GTS03-19	33	210	748	0.28	0.0525	0.0026	0.2228	0.0101	0.0314	0.0004	305.6	114.8	204.2	8.3	199.1	2.5	97%
GTS03-21	97	544	3242	0.17	0.0509	0.0018	0.2251	0.0077	0.0315	0.0003	239.0	81.5	206.1	6.4	200.1	2.0	97%
GTS03-22	45	214	1470	0.15	0.0548	0.0025	0.2448	0.0104	0.0325	0.0003	405.6	103.7	222.3	8.5	205.9	2.1	92%
GTS03-24	38	190	1330	0.14	0.0510	0.0022	0.2283	0.0094	0.0326	0.0004	242.7	100.0	208.8	7.8	206.9	2.4	99%
GTS03-25	34	192	1135	0.17	0.0520	0.0021	0.2258	0.0090	0.0314	0.0003	287.1	99.1	206.8	7.5	199.5	2.2	96%
GTS03-26	37	228	1153	0.20	0.0513	0.0023	0.2262	0.0096	0.0321	0.0004	253.8	101.8	207.1	8.0	203.9	2.2	98%
GTS03-27	53	388	1337	0.29	0.0546	0.0024	0.2352	0.0097	0.0314	0.0004	394.5	100.0	214.5	8.0	199.4	2.3	92%
GTS03-28	79	512	2442	0.21	0.0522	0.0019	0.2275	0.0080	0.0313	0.0003	294.5	81.5	208.1	6.6	198.8	2.2	95%
GTS03-31	32	201	1123	0.18	0.0528	0.0019	0.2308	0.0080	0.0314	0.0003	316.7	83.3	210.8	6.6	199.5	2.0	94%

GTS03-32	57	244	2155	0.11	0.0526	0.0017	0.2327	0.0074	0.0319	0.0003	322.3	72.2	212.4	6.1	202.2	1.8	95%
GTS1506																	
GTS06-1	109	836	2679	0.31	0.0509	0.0022	0.2389	0.0102	0.0340	0.0003	235.3	106.5	217.5	8.4	215.8	2.1	99%
GTS06-2	61	357	1455	0.25	0.0542	0.0026	0.2944	0.0130	0.0396	0.0005	388.9	73.1	262.0	10.2	250.2	3.0	95%
GTS06-3	32	255	709	0.36	0.0538	0.0049	0.2403	0.0190	0.0344	0.0007	361.2	205.5	218.7	15.6	217.9	4.2	99%
GTS06-4	34	282	811	0.35	0.0503	0.0035	0.2384	0.0151	0.0343	0.0006	209.3	162.9	217.1	12.4	217.7	3.6	99%
GTS06-6	148	141	1731	0.08	0.0692	0.0018	1.4215	0.0428	0.1447	0.0023	905.6	56.5	898.0	17.9	871.1	13.1	96%
GTS06-7	49	387	1186	0.33	0.0499	0.0033	0.2554	0.0159	0.0366	0.0005	190.8	158.3	231.0	12.9	231.6	3.3	99%
GTS06-10	36	200	1229	0.16	0.0553	0.0025	0.2600	0.0108	0.0341	0.0004	427.8	101.8	234.6	8.7	216.4	2.7	91%
GTS06-12	450	715	932	0.77	0.0951	0.0032	3.2162	0.1042	0.2406	0.0027	1529.3	63.4	1461.1	25.1	1389.8	14.1	95%
GTS06-14	78	307	3133	0.10	0.0542	0.0022	0.2550	0.0099	0.0339	0.0004	388.9	95.4	230.6	8.0	215.1	2.6	93%
GTS06-16	172	642	2307	0.28	0.0554	0.0020	0.4492	0.0154	0.0583	0.0007	427.8	79.6	376.7	10.8	365.1	4.3	96%
GTS06-20	29	208	880	0.24	0.0507	0.0028	0.2272	0.0116	0.0330	0.0005	227.8	125.9	207.9	9.6	209.5	3.1	99%
GTS06-21	571	792	1422	0.56	0.0943	0.0027	2.8059	0.0754	0.2126	0.0021	1514.5	53.7	1357.1	20.1	1242.5	11.2	91%
GTS06-22	75	765	1259	0.61	0.0582	0.0038	0.2518	0.0122	0.0330	0.0005	600.0	142.6	228.1	9.9	209.3	3.3	91%
GTS06-23	83	524	2187	0.24	0.0554	0.0023	0.2627	0.0101	0.0342	0.0004	427.8	95.4	236.9	8.1	216.6	2.2	91%
GTS06-29	49	395	948	0.42	0.0570	0.0032	0.2626	0.0131	0.0338	0.0005	494.5	124.1	236.8	10.5	214.4	3.1	90%
GTS06-32	60	519	1021	0.51	0.0564	0.0041	0.2804	0.0188	0.0368	0.0006	477.8	161.1	251.0	14.9	233.2	3.9	92%
GTS1507																	
GTS07-1	43	375	938	0.40	0.0531	0.0026	0.2343	0.0103	0.0324	0.0004	344.5	113.0	213.7	8.5	205.8	2.6	96%
GTS07-2	15	118	281	0.42	0.0587	0.0057	0.2420	0.0200	0.0324	0.0007	566.7	219.4	220.0	16.4	205.3	4.2	93%
GTS07-3	17	169	276	0.61	0.0510	0.0042	0.2215	0.0170	0.0336	0.0006	242.7	190.7	203.1	14.2	213.0	3.8	95%
GTS07-4	73	844	1330	0.63	0.0515	0.0023	0.2279	0.0097	0.0319	0.0004	261.2	97.2	208.5	8.0	202.3	2.3	96%
GTS07-5	194	536	725	0.74	0.0660	0.0020	1.2836	0.0373	0.1395	0.0014	807.1	67.6	838.5	16.6	841.8	7.8	99%
GTS07-6	19	195	361	0.54	0.0592	0.0071	0.2369	0.0149	0.0338	0.0006	576.0	258.3	215.9	12.3	214.1	3.6	99%

GTS07-7	13	111	265	0.42	0.0624	0.0057	0.2471	0.0164	0.0325	0.0007	687.1	196.3	224.2	13.4	206.3	4.3	91%
GTS07-8	41	431	689	0.63	0.0513	0.0028	0.2406	0.0122	0.0344	0.0005	253.8	125.9	218.9	10.0	217.9	3.0	99%
GTS07-9	31	357	570	0.63	0.0540	0.0034	0.2362	0.0130	0.0325	0.0005	368.6	144.4	215.3	10.7	205.9	3.0	95%
GTS07-10	25	194	795	0.24	0.0513	0.0033	0.2252	0.0125	0.0324	0.0004	257.5	146.3	206.2	10.4	205.7	2.8	99%
GTS07-11	43	359	1172	0.31	0.0514	0.0023	0.2345	0.0099	0.0331	0.0004	257.5	106.5	213.9	8.2	210.1	2.5	98%
GTS07-12	15	134	266	0.50	0.0610	0.0056	0.2417	0.0202	0.0325	0.0006	638.9	200.9	219.8	16.5	206.1	4.0	93%
GTS07-13	20	167	471	0.35	0.0572	0.0036	0.2579	0.0144	0.0338	0.0006	501.9	140.7	232.9	11.6	214.1	3.5	91%
GTS07-15	27	279	550	0.51	0.0518	0.0032	0.2241	0.0120	0.0326	0.0005	276.0	142.6	205.3	9.9	206.8	3.1	99%
GTS07-17	46	404	1201	0.34	0.0488	0.0022	0.2208	0.0094	0.0325	0.0004	200.1	105.5	202.5	7.8	206.4	2.5	98%
GTS07-18	15	142	305	0.47	0.0581	0.0049	0.2415	0.0178	0.0337	0.0006	600.0	182.4	219.6	14.6	213.9	3.8	97%
GTS07-19	45	235	1704	0.14	0.0516	0.0019	0.2397	0.0083	0.0334	0.0003	264.9	78.7	218.2	6.8	211.9	2.1	97%
GTS07-20	20	188	424	0.44	0.0514	0.0037	0.2261	0.0145	0.0329	0.0005	257.5	166.6	207.0	12.0	208.9	3.2	99%
GTS07-23	32	330	500	0.66	0.0528	0.0033	0.2433	0.0142	0.0338	0.0005	320.4	140.7	221.2	11.6	214.3	3.1	96%
GTS07-24	31	221	865	0.26	0.0517	0.0029	0.2312	0.0114	0.0331	0.0005	333.4	97.2	211.2	9.4	209.9	2.8	99%
GTS1512																	
GTS12-1	76	705	2109	0.33	0.0532	0.0018	0.2443	0.0080	0.0332	0.0003	344.5	74.1	221.9	6.5	210.4	1.9	94%
GTS12-3	54	475	1310	0.36	0.0534	0.0023	0.2454	0.0104	0.0329	0.0004	342.7	91.7	222.8	8.5	208.6	2.3	93%
GTS12-4	69	643	1810	0.36	0.0472	0.0019	0.2206	0.0083	0.0337	0.0004	57.5	92.6	202.4	6.9	213.9	2.3	94%
GTS12-5	10	50	381	0.13	0.0554	0.0059	0.2370	0.0225	0.0333	0.0008	427.8	238.9	216.0	18.5	210.9	5.0	97%
GTS12-6	56	479	1537	0.31	0.0495	0.0020	0.2286	0.0087	0.0333	0.0004	168.6	94.4	209.1	7.2	211.1	2.3	99%
GTS12-7	88	1054	1223	0.86	0.0558	0.0027	0.2591	0.0116	0.0340	0.0004	442.6	109.2	233.9	9.4	215.7	2.7	91%
GTS12-8	43	265	1314	0.20	0.0520	0.0022	0.2541	0.0104	0.0358	0.0004	283.4	102.8	229.9	8.4	226.6	2.7	98%
GTS12-9	22	122	692	0.18	0.0561	0.0029	0.2731	0.0132	0.0362	0.0005	453.8	110.2	245.2	10.6	229.3	3.3	93%
GTS12-10	36	204	1085	0.19	0.0564	0.0025	0.2566	0.0104	0.0333	0.0004	477.8	96.3	231.9	8.4	211.4	2.4	90%
GTS12-12	52	378	1449	0.26	0.0528	0.0022	0.2424	0.0094	0.0334	0.0004	320.4	94.4	220.4	7.7	212.0	2.5	96%
GTS12-13	37	250	1233	0.20	0.0516	0.0021	0.2336	0.0091	0.0331	0.0004	333.4	94.4	213.2	7.5	209.8	2.5	98%

GTS12-14	42	341	1271	0.27	0.0502	0.0023	0.2318	0.0100	0.0333	0.0004	205.6	103.7	211.6	8.3	210.9	2.5	99%
GTS12-15	230	552	832	0.66	0.0714	0.0020	1.4929	0.0429	0.1502	0.0017	968.5	58.2	927.5	17.5	902.2	9.6	97%
GTS12-17	421	1432	689	2.08	0.0725	0.0029	1.3847	0.0529	0.1380	0.0016	1011.1	79.6	882.4	22.5	833.3	8.9	94%
GTS12-18	80	770	2010	0.38	0.0530	0.0021	0.2368	0.0096	0.0320	0.0004	327.8	92.6	215.8	7.9	203.0	2.3	93%
GTS12-19	33	191	963	0.20	0.0533	0.0028	0.2688	0.0131	0.0364	0.0005	342.7	118.5	241.7	10.5	230.7	3.1	95%
GTS12-20	60	483	1662	0.29	0.0500	0.0019	0.2337	0.0083	0.0336	0.0004	194.5	87.0	213.3	6.8	213.2	2.2	99%
GTS12-21	245	797	888	0.90	0.0646	0.0020	1.1175	0.0324	0.1239	0.0012	761.1	69.4	761.8	15.6	753.1	6.8	98%
GTS12-22	30	198	984	0.20	0.0500	0.0022	0.2366	0.0101	0.0339	0.0004	198.2	97.2	215.6	8.3	214.9	2.4	99%
GTS12-23	77	258	343	0.75	0.0621	0.0024	0.9102	0.0347	0.1055	0.0016	679.6	83.3	657.1	18.5	646.4	9.2	98%
GTS12-24	26	160	969	0.16	0.0538	0.0025	0.2510	0.0105	0.0339	0.0004	364.9	101.8	227.4	8.5	215.1	2.6	94%
GTS12-25	31	86	827	0.10	0.0526	0.0034	0.3213	0.0180	0.0449	0.0015	322.3	150.0	282.9	13.9	283.1	9.3	99%
GTS12-27	36	202	595	0.34	0.0563	0.0027	0.3212	0.0133	0.0413	0.0005	464.9	100.9	282.8	10.2	260.8	3.2	91%
GTS12-28	31	144	925	0.16	0.0516	0.0027	0.2510	0.0119	0.0354	0.0005	333.4	118.5	227.4	9.7	224.1	2.8	98%
GTS12-29	24	120	830	0.15	0.0528	0.0028	0.2490	0.0124	0.0340	0.0005	320.4	122.2	225.8	10.1	215.4	2.8	95%
GTS12-30	80	507	476	1.07	0.0578	0.0026	0.5001	0.0201	0.0638	0.0007	520.4	98.1	411.7	13.6	398.6	4.5	96%
GTS12-31	55	420	1510	0.28	0.0506	0.0019	0.2309	0.0080	0.0331	0.0003	233.4	52.8	210.9	6.6	209.7	1.9	99%
GTS12-32	36	166	746	0.22	0.0534	0.0024	0.2918	0.0124	0.0392	0.0004	346.4	101.8	259.9	9.7	247.8	2.6	95%

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CX1717

CX17-01	49	500	1136	0.44	0.0549	0.0027	0.2607	0.0128	0.0341	0.0010	405.6	111.1	235.3	10.3	216.5	6.1	91%
CX17-03	54	500	1319	0.38	0.0509	0.0026	0.2453	0.0123	0.0348	0.0010	235.3	113.9	222.7	10.0	220.5	6.4	98%
CX17-05	26	247	423	0.58	0.0557	0.0036	0.3411	0.0208	0.0443	0.0013	442.6	138.0	298.0	15.7	279.7	8.2	93%
CX17-06	51	504	1202	0.42	0.0540	0.0028	0.2576	0.0129	0.0345	0.0010	368.6	113.9	232.8	10.4	218.9	6.3	93%
CX17-08	61	574	1483	0.39	0.0535	0.0026	0.2546	0.0122	0.0346	0.0010	350.1	111.1	230.3	9.9	219.3	6.5	95%
CX17-09	46	474	1069	0.44	0.0473	0.0027	0.2349	0.0136	0.0357	0.0011	64.9	129.6	214.2	11.2	226.4	6.6	94%
CX17-10	52	761	1119	0.68	0.0534	0.0029	0.2373	0.0120	0.0325	0.0009	346.4	122.2	216.2	9.9	206.2	5.9	95%

CX17-13	47	669	996	0.67	0.0492	0.0028	0.2258	0.0126	0.0334	0.0010	166.8	133.3	206.7	10.4	211.7	6.2	97%
CX17-14	49	388	1257	0.31	0.0525	0.0027	0.2416	0.0119	0.0337	0.0010	305.6	116.7	219.7	9.7	213.6	6.1	97%
CX17-15	15	163	213	0.77	0.0639	0.0060	0.3695	0.0297	0.0458	0.0017	736.7	200.0	319.3	22.0	289.0	10.2	90%
CX17-16	115	686	1295	0.53	0.0537	0.0030	0.2538	0.0130	0.0348	0.0010	366.7	123.1	229.7	10.6	220.7	6.4	96%
CX17-19	112	135	673	0.20	0.0709	0.0028	1.5692	0.0619	0.1599	0.0046	953.7	79.6	958.1	24.5	956.3	25.3	99%
CX17-21	49	385	1302	0.30	0.0489	0.0026	0.2172	0.0110	0.0324	0.0009	142.7	122.2	199.6	9.2	205.7	5.9	96%
CX17-22	62	518	1603	0.32	0.0516	0.0023	0.2307	0.0103	0.0323	0.0009	333.4	105.5	210.7	8.5	204.7	5.6	97%
CX17-23	58	551	1455	0.38	0.0541	0.0029	0.2408	0.0128	0.0321	0.0010	376.0	123.1	219.1	10.4	203.7	5.9	92%
CX17-24	74	680	1807	0.38	0.0466	0.0024	0.2079	0.0104	0.0324	0.0009	33.4	113.0	191.8	8.7	205.5	5.9	93%
CX17-25	51	427	1309	0.33	0.0482	0.0024	0.2118	0.0108	0.0318	0.0010	109.4	124.1	195.1	9.1	201.7	6.0	96%
CX17-27	381	169	1019	0.17	0.1242	0.0047	5.4757	0.2084	0.3163	0.0089	2017.0	66.7	1896.8	32.7	1771.6	43.6	93%
CX17-29	50	439	1291	0.34	0.0500	0.0028	0.2240	0.0123	0.0324	0.0009	194.5	129.6	205.2	10.2	205.5	5.8	99%
CX17-31	66	625	1650	0.38	0.0540	0.0026	0.2465	0.0113	0.0331	0.0010	368.6	107.4	223.7	9.2	209.9	6.0	93%
CX17-32	32	268	814	0.33	0.0503	0.0030	0.2337	0.0131	0.0338	0.0010	209.3	140.7	213.2	10.8	214.4	6.4	99%
CX17-33	51	429	1266	0.34	0.0522	0.0027	0.2450	0.0119	0.0340	0.0010	294.5	116.7	222.5	9.7	215.2	6.2	96%
CX17-35	68	682	1763	0.39	0.0520	0.0025	0.2363	0.0110	0.0326	0.0009	283.4	109.2	215.4	9.0	207.0	5.8	96%
CX17-37	40	352	993	0.35	0.0516	0.0033	0.2501	0.0145	0.0352	0.0010	333.4	143.5	226.7	11.8	223.1	6.4	98%
CX17-38	33	401	751	0.53	0.0528	0.0033	0.2438	0.0150	0.0335	0.0010	320.4	144.4	221.6	12.3	212.2	6.4	95%
CX17-40	55	536	1338	0.40	0.0521	0.0030	0.2533	0.0141	0.0351	0.0010	300.1	131.5	229.2	11.4	222.6	6.4	97%
CX17-41	51	494	1132	0.44	0.0474	0.0032	0.2428	0.0149	0.0381	0.0012	77.9	142.6	220.7	12.2	241.1	7.3	91%
CX17-42	57	591	1422	0.42	0.0513	0.0025	0.2338	0.0114	0.0329	0.0009	257.5	112.9	213.3	9.4	208.9	5.8	97%
CX17-43	65	663	1593	0.42	0.0509	0.0025	0.2378	0.0116	0.0338	0.0010	239.0	112.9	216.7	9.5	214.1	6.0	98%
CX17-44	44	409	1107	0.37	0.0509	0.0028	0.2468	0.0133	0.0350	0.0010	239.0	128.7	223.9	10.8	221.7	6.5	99%
CX17-45	85	871	2054	0.42	0.0521	0.0025	0.2391	0.0109	0.0334	0.0010	287.1	109.2	217.7	8.9	211.7	6.1	97%
CX17-46	36	322	887	0.36	0.0538	0.0032	0.2395	0.0130	0.0332	0.0010	361.2	139.8	218.0	10.7	210.3	6.3	96%
CX17-47	67	596	1699	0.35	0.0507	0.0023	0.2292	0.0105	0.0325	0.0009	227.8	105.5	209.5	8.7	206.3	5.8	98%

CX17-48	29	357	439	0.81	0.0564	0.0035	0.3242	0.0184	0.0426	0.0013	477.8	141.6	285.2	14.1	268.7	8.3	94%
CX17-49	59	489	1459	0.33	0.0481	0.0023	0.2231	0.0103	0.0337	0.0010	105.6	107.4	204.5	8.5	213.4	6.0	95%
CX17-51	26	356	397	0.90	0.0492	0.0036	0.2890	0.0205	0.0425	0.0014	166.8	153.7	257.8	16.1	268.2	8.4	96%
CX17-53	45	519	1056	0.49	0.0512	0.0032	0.2379	0.0136	0.0343	0.0010	255.6	144.4	216.7	11.2	217.6	6.4	99%
CX17-54	47	456	1063	0.43	0.0540	0.0031	0.3025	0.0256	0.0384	0.0015	372.3	129.6	268.3	19.9	242.9	9.1	90%
CX17-55	44	424	724	0.59	0.0487	0.0029	0.3076	0.0182	0.0460	0.0014	200.1	133.3	272.3	14.1	290.0	8.6	93%
CX17-57	29	339	650	0.52	0.0564	0.0038	0.2560	0.0158	0.0336	0.0010	477.8	143.5	231.5	12.8	213.0	6.4	91%
CX17-58	52	466	1327	0.35	0.0505	0.0025	0.2315	0.0112	0.0331	0.0009	220.4	114.8	211.4	9.2	209.6	5.8	99%
CX17-60	27	250	627	0.40	0.0519	0.0035	0.2417	0.0160	0.0345	0.0011	279.7	155.5	219.8	13.1	218.3	6.8	99%
CX17-61	45	476	1027	0.46	0.0525	0.0028	0.2486	0.0135	0.0341	0.0010	305.6	122.2	225.5	11.0	216.4	6.2	95%
CX17-63	27	295	619	0.48	0.0495	0.0031	0.2318	0.0141	0.0341	0.0010	172.3	150.9	211.7	11.6	216.3	6.3	97%
CX17-64	71	760	1739	0.44	0.0534	0.0026	0.2377	0.0118	0.0324	0.0010	346.4	111.1	216.6	9.7	205.3	6.1	94%
CX17-65	62	658	1476	0.45	0.0497	0.0026	0.2242	0.0116	0.0332	0.0010	189.0	124.1	205.4	9.7	210.4	6.2	97%
CX17-66	31	226	791	0.29	0.0488	0.0030	0.2203	0.0128	0.0330	0.0010	200.1	72.2	202.1	10.7	209.2	6.0	96%
CX17-69	68	721	1580	0.46	0.0491	0.0025	0.2269	0.0113	0.0337	0.0010	153.8	152.8	207.7	9.4	213.6	6.1	97%
CX17-70	33	386	589	0.66	0.0515	0.0032	0.2786	0.0172	0.0398	0.0012	264.9	172.2	249.6	13.6	251.6	7.7	99%
CX17-72	23	244	533	0.46	0.0517	0.0039	0.2313	0.0162	0.0334	0.0011	276.0	169.4	211.3	13.4	211.7	6.6	99%
CX17-73	44	489	979	0.50	0.0560	0.0032	0.2713	0.0147	0.0350	0.0010	453.8	127.8	243.7	11.7	221.8	6.5	90%
CX17-74	83	797	2041	0.39	0.0513	0.0024	0.2443	0.0110	0.0342	0.0010	253.8	112.0	221.9	8.9	216.8	6.0	97%
CX17-75	30	304	711	0.43	0.0540	0.0035	0.2558	0.0153	0.0344	0.0010	372.3	146.3	231.2	12.4	217.7	6.3	93%
CX17-76	80	773	1962	0.39	0.0491	0.0025	0.2371	0.0118	0.0345	0.0010	150.1	115.7	216.1	9.7	218.8	6.1	98%
CX17-77	26	250	591	0.42	0.0518	0.0034	0.2490	0.0151	0.0353	0.0011	276.0	150.0	225.7	12.3	223.8	6.8	99%
CX17-78	40	297	909	0.33	0.0557	0.0033	0.2868	0.0160	0.0372	0.0011	438.9	129.6	256.0	12.7	235.7	6.7	91%
CX17-80	82	914	1978	0.46	0.0495	0.0024	0.2337	0.0110	0.0341	0.0010	168.6	112.9	213.2	9.0	216.0	6.0	98%

Table S3. Sr-Nd-Pb isotopic compositions of the Guangtoushan and Miba plutons.

Sample No.	Rock type	^{87}Rb/^{86}Sr	^{87}Sr/^{86}Sr	^{87}Sr/^{86}Sr initial	^{147}Sm/^{144}Nd	^{143}Nd/^{144}Nd	$\varepsilon_{Nd}(t)$	T_{DM2} Ga	^{206}Pb/^{204}Pb	^{207}Pb/^{204}Pb	^{208}Pb/^{204}Pb	^{206}Pb/^{204}Pb initial	^{207}Pb/^{204}Pb initial	^{208}Pb/^{204}Pb initial
Guangtoushan pluton														
GTS1501	monzogranite	0.172	0.706066	0.7055	0.1020	0.512127	-7.4	1.59	18.1567	15.5069	38.0163	17.58	15.48	37.97
GTS1502	monzogranite	0.361	0.706072	0.7050	0.1131	0.512227	-5.7	1.46	18.0288	15.5102	37.9350	17.35	15.48	37.88
GTS1504	monzogranite	0.259	0.706245	0.7055	0.1069	0.512152	-7.0	1.56	18.0734	15.5008	38.0836	16.98	15.45	38.01
GTS1505	monzogranite	0.186	0.707071	0.7065	0.0979	0.511946	-10.8	1.87	18.0637	15.5166	38.1308	17.43	15.48	38.08
GTS1507	monzogranite	1.031	0.712213	0.7091	0.0987	0.511840	-12.9	2.04	18.3071	15.5789	38.5758	17.56	15.54	38.53
GTS1508	monzogranite	0.395	0.708484	0.7073	0.1132	0.512103	-8.1	1.65	18.4013	15.5499	38.5219	17.68	15.51	38.39
GTS1509	monzogranite	0.918	0.710798	0.7080	0.1083	0.512105	-8.0	1.64	18.2554	15.5755	38.5605	17.05	15.51	38.51
GTS1510	monzogranite	0.738	0.709525	0.7073	0.1017	0.512050	-8.9	1.71	18.0891	15.4890	38.2748	16.83	15.43	38.22
GTS1503	granite	0.523	0.707120	0.7055	0.1170	0.512130	-7.7	1.62	18.0157	15.5147	38.0728	17.29	15.48	38.01
GTS1506	granite	1.064	0.710521	0.7073	0.1037	0.512152	-6.9	1.56	18.2090	15.5661	38.4404	17.52	15.53	38.39
GTS1511	granite	1.426	0.713045	0.7087	0.1165	0.511999	-10.3	1.83	18.2723	15.5648	38.5409	17.08	15.50	38.43
GTS1512	quartz diorite	0.323	0.708927	0.7079	0.1183	0.512114	-8.1	1.65	18.2534	15.5514	38.6815	16.98	15.49	38.61
GTS1513	quartz diorite	0.330	0.708989	0.7080	0.0923	0.512260	-4.5	1.36	18.2285	15.5557	38.9516	16.29	15.46	38.89
Miba pluton														
CX1719	monzogranite	0.638	0.710399	0.7085	0.1023	0.512043	-9.0	1.73	19.0098	15.7207	39.1576	18.62	15.60	39.11
CX1720	monzogranite	0.676	0.710412	0.7084	0.1028	0.512023	-9.5	1.76	19.0405	15.7259	39.2179	18.63	15.60	39.17
CX1722	monzogranite	0.667	0.710471	0.7084	0.0965	0.512057	-8.6	1.69	18.8762	15.7130	39.1868	18.58	15.58	39.14
CX1717	monzogranite porphyre	0.215	0.706680	0.7060	0.1061	0.512132	-7.4	1.59	18.3836	15.6394	38.8408	18.19	15.57	38.80
CX1718	monzogranite porphyre	0.337	0.707188	0.7062	0.1040	0.512234	-5.4	1.43	18.4380	15.6483	38.8123	18.23	15.58	38.77
CX1721	monzogranite porphyre	0.343	0.707370	0.7063	0.1049	0.512229	-5.5	1.44	18.4908	15.6501	39.0044	18.28	15.58	38.96
CX1723	quartz diorite	0.388	0.708653	0.7075	0.0982	0.512106	-7.7	1.62	18.6329	15.6821	39.1361	18.36	15.55	39.09
CX1724	quartz diorite	0.402	0.708877	0.70766	0.1008	0.512148	-7.0	1.56	18.6331	15.6825	39.1357	18.38	15.57	39.09