DR2004005

Table 1: Rb-Sr isochron data for samples from Alor, Romang and Ternate (Pantar Strait volcanoes). AP = apatite, BT = biotite, PL = plagioclase, AM = ampibole, PX = pyroxene, WR = whole rock, LD = leached, LT = leachate.

sample	phase	$^{87}Rb/^{86}Sr$	$^{87}Sr/^{86}Sr$	Rb (ppm)	Sr (ppm)	result
ME00AL63	WR LD	0.6176	0.708044	102.14	478.49	age: 1.38 ± 0.17
Alor	AP	0.0044	0.708033	1.00	655.80	MSWD: 1.4
NE coast	BT LD	4.1173	0.708142	14.70	10.33	initial: 0.708045/64
extrusive	BT LT	50.2370	0.708963	676.40	38.96	
	BT	36.4053	0.708867	495.21	39.36	
ME00AL151	WR LD	0.6726	0.710888	82.34	354.30	age: 2.33 ± 0.69
Alor	AP	0.0111	0.711083	2.71	709.03	MSWD: 13
S coast	BT LD	28.8235	0.711472	142.09	14.27	initial: 0.71099/45
extrusive	BT LT	85.9754	0.713973	604.95	20.37	
	BT	69.2973	0.713317	455.31	19.01	
	PL	0.0184	0.711309	4.84	760.60	
ME00AL116	AP	0.0065	0.707460	3.08	1375.96	age: 1.51 ± 0.63
Alor	BT	55.4477	0.708822	686.98	36.828	MSWD 14
north	BT LT	140.9202	0.710726	1188.24	24.40	initial: 0.70769/67
tuff	BT LD	0.1262	0.707931	17.33	397.37	
ME00AL42	AP	0.0337	0.706532	2.72	233.44	age: 2.52 ± 0.13
Alor	AM+PX	0.7305	0.706633	4.33	17.15	MSWD: 0.29
central	BT	106.6672	0.710385	408.98	11.10	initial:0.706593/89
intrusive	BT LD	3.4632	0.706890	2.49	2.08	
	BT LT	158.6575	0.712379	645.68	11.78	
	WR	0.6832	0.706628	87.59	370.87	
RO8C5	WR	1.8490	0.709266	135.16	211.52	age: 1.72 ± 0.26
Romang	AP	0.0399	0.709234	12.14	881.38	MSWD: 0.1111
extrusive	PL	0.0403	0.709190	11.40	818.41	initial: 0.709210/73
	BT	36.6794	0.710112	374.20	29.52	
ME00AL6	WR	0.4157	0.706083	101.00	702.80	Age: 0.85 ± 0.6
Ternate	AP	0.0002	0.706027	0.07	1113.56	MSWD: 0.03
Pantar Strait	BT LD	12.4838	0.706195	235.15	54.49	Initial: 0.706044/66
extrusive	PL	0.0096	0.706044	6.46	1953.54	
	WR LD	0.4034	0.706058	91.93	659.24	
	BT	15.7592	0.706230	509.73	93.61	

sample	locaction	206Pb/204Pb	207Pb/204Pb	208Pb/204Pb	gamma 8/4	longitude	latitude	AlongArcDistance (km)
batur1	Batur, Bali	18.578	15.609	38.747	-0.04	115.51	-8.34	41
LBK3	Rinjani, Lombok	18.637	15.579	38.698	0.01	116.47	-8.42	162
LBK11	Rinjani, Lombok	18.646	15.595	38.746	0.00	116.47	-8.42	162
ME01LB12	Rinjani, Lombok	18.656	15.584	38.735	0.03	116.21	-8.59	133
ME01LB17	Rinjani, Lombok	18.658	15.587	38.744	0.03	116.21	-8.59	133
ME01LB23	Rinjani, Lombok	18.660	15.588	38.750	0.03	116.14	-8.57	126
ME01LB43	Rinjani, Lombok	18.710	15.575	38.765	0.09	116.58	-8.27	174
ME01LB45	Rinjani, Lombok	18.784	15.602	38.895	0.13	116.60	-8.28	176
ME01LB53	Rinjani, Lombok	18.674	15.609	38.810	0.02	116.51	-8.37	167
ME01LB54	Rinjani, Lombok	18.677	15.593	38.779	0.04	116.51	-8.37	167
SU1	Sumbawa dykes	18.711	15.629	38.926	0.06	116.77	-8.90	195
SU6	Sumbawa dykes	18.581	15.600	38.702	-0.06	116.82	-8.97	200
SU9	Sumbawa dykes	18.649	15.616	38.839	0.02	116.80	-8.98	198
SU10	Sumbawa dykes	18.716	15.632	38.944	0.07	116.76	-8.93	193
BH1	Batu Hijau intrusi	18.645	15.622	38.853	0.02	116.98	-8.77	218
BH4	Batu Hijau intrusi	18.650	15.608	38.745	-0.04	116.98	-8.77	218
BH12	Batu Hijau intrusi	18.587	15.603	38.676	-0.09	116.98	-8.77	218
BH20	Batu Hijau intrusi	18.657	15.606	38.794	0.01	116.98	-8.77	218
S16.2	Sirung, Pantar	19.286	15.666	39.501	0.51	124.09	-8.44	1000
S22.1	Sirung, Pantar	19.209	15.669	39.416	0.42	124.09	-8.44	1000
S24.1	Sirung, Pantar	19.199	15.675	39.420	0.40	124.09	-8.44	1000
S28.1	Sirung, Pantar	19.226	15.665	39.412	0.43	124.09	-8.44	1000
ME99AL25	Alor older volcani	19.125	15.684	39.479	0.43	124.80	-8.22	1078
ME00AL88	Alor older volcani	19.129	15.687	39.495	0.43	124.88	-8.19	1087
ME99AL16	Alor intrusives	19.159	15.689	39.541	0.47	124.71	-8.27	1068
ME00AL42	Alor intrusives	19.127	15.691	39.522	0.44	124.88	-8.17	1086
ME00AL94	Alor intrusives	19.122	15.687	39.506	0.44	124.83	-8.25	1082
ME00AL12	Alor intrusives	19.112	15.685	39.494	0.44	124.83	-8.39	1082
ME99AL9	Alor central+north	19.222	15.703	39.552	0.43	124.37	-8.37	1031
ME99AL13	Alor central+north	19.160	15.719	39.613	0.44	124.73	-8.31	1070
ME99AL17	Alor central+north	19.141	15.687	39.537	0.47	124.71	-8.27	1068
ME99AL29	Alor central+north	19.155	15.709	39.550	0.41	124.79	-8.17	1077
ME99AL33	Alor central+north	19.188	15.713	39.561	0.41	124.41	-8.26	1035
ME99AL35	Alor central+north	19.184	15.710	39.527	0.38	124.41	-8.28	1035
ME99AL40	Alor central+north	19.283	15.726	39.686	0.49	124.49	-8.26	1044
ME00AL63	Alor central+north	19.553	15.722	39.911	0.72	125.11	-8.17	1112
ME00AL64	Alor central+north	19.590	15.741	40.000	0.75	125.11	-8.17	1112
ME00AL72	Alor central+north	19.394	15.751	39.813	0.53	125.05	-8.15	1105
ME00AL82	Alor central+north	19.273	15.711	39.643	0.49	124.46	-8.26	1041
ME00AL90	Alor central+north	19.260	15.699	39.578	0.47	124.40	-8.23	1034
ME00AL12	Alor south	19.044	15.709	39.460	0.32	124.53	-8.42	1048
ME00AL13	Alor south	19.106	15.692	39.478	0.39	124.94	-8.36	1093
ME00AL13	Alor south	19.018	15.625	39.252	0.40	124.80	-8.40	1078
ME00AL14	Alor south	19.077	15.705	39.485	0.36	124.76	-8.40	1073
ME00AL14	Alor south	18.974	15.689	39.340	0.27	124.45	-8.45	1040
ME00AL15	Alor south	18.985	15.699	39.356	0.25	124.42	-8.45	1036
ME00AL15	Alor south	19.157	15.719	39.569	0.39	124.35	-8.43	1029
J82x	Lirang	19.082	15.674	39.445	0.43	125.75	-8.00	1183
J78	Lirang	19.085	15.674	39.468	0.45	125.75	-8.00	1183
J87	Lirang	19.090	15.678	39.465	0.43	125.75	-8.00	1183
J103x	Lirang	19.119	15.702	39.512	0.39	125.75	-8.00	1183
WE1A1	Wetar	19.023	15.702	39.482	0.36	126.44	-7.94	1258
WE1A2	Wetar	19.012	15.701	39.432	0.32	126.44	-7.94	1258
WE1K2	Wetar	18.948	15.685	39.332	0.27	126.44	-7.94	1258
H107	Wetar	19.096	15.716	39.516	0.35	126.40	-7.90	1254
H110x	Wetar	18.953	15.680	39.308	0.27	126.40	-7.88	1254
H260	Wetar	18.973	15.670	39.332	0.33	126.80	-7.71	1297
J15x	Wetar	19.079	15.697	39.497	0.40	126.18	-7.81	1230
J27	Wetar	19.009	15.675	39.357	0.33	126.16	-7.85	1227
J101	Wetar	19.077	15.704	39.484	0.36	125.89	-7.77	1198
RO8B2	Romang	19.145	15.667	39.443	0.45	127.35	-7.55	1359
RO8C5	Romang	19.162	15.684	39.495	0.44	127.35	-7.55	1359
RO6	Romang	19.157	15.683	39.495	0.45	127.35	-7.55	1359