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Title of article Age diversity of the deep crust in northern Mexico

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Table 2. Zircon analyses. All data are ^{208}Pb corrected unless otherwise noted.

Spot	U ppm	Th ppm	Th/U	^{204}Pb ppb	f (%)	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{207}\text{Pb}/^{206}\text{Pb}$	Ages (Ma)	
									$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{206}\text{Pb}$
<i>GNX-20 Intermediate Orthogneiss</i>										
1.1-c	101	62	0.612	5	7.4	0.1488 ± 64	1.487 ± 86	0.0724 ± 24	894 ± 36	999 ± 67
1.2-r+	51	31	0.611	8	2.2	0.1460 ± 64	1.558 ± 163	0.0774 ± 69	879 ± 36	1131 ± 180
1.3	101	63	0.630	5	1.0	0.0973 ± 25	0.997 ± 60	0.0743 ± 38	599 ± 15	1049 ± 105
2.1+	105	91	0.869	9	0.8	0.2218 ± 96	2.642 ± 154	0.0864 ± 29	1291 ± 51	1347 ± 65
2.2+	130	123	0.941	7	0.5	0.2208 ± 96	2.558 ± 130	0.0840 ± 18	1286 ± 50	1293 ± 42
3.1	112	75	0.674	0	0	0.2426 ± 105	2.995 ± 154	0.0895 ± 20	1400 ± 54	1416 ± 44
4.1	119	107	0.897	3	0.3	0.1583 ± 68	1.778 ± 99	0.0815 ± 25	948 ± 38	1232 ± 60
5.1-c	93	66	0.711	17	1.5	0.2536 ± 66	2.626 ± 112	0.0751 ± 23	1457 ± 34	1071 ± 62
5.2-r	50	38	0.765	26	26.4	0.0296 ± 9	---	---	188 ± 6	---
6.1+	112	108	0.957	7	2.4	0.0544 ± 15	0.461 ± 26	0.0924 ± 98	341 ± 9	1477 ± 200
7.1	126	111	0.882	5	13.1	0.0053 ± 2	0.054 ± 15	0.0738 ± 194	34 ± 1	1036 ± 550
8.1	92	57	0.617	4	0.4	0.2344 ± 61	2.738 ± 104	0.0847 ± 21	1358 ± 32	1309 ± 48
9.1	107	100	0.932	6	0.5	0.2520 ± 65	2.579 ± 113	0.0742 ± 24	1449 ± 33	1047 ± 65
10.1	115	101	0.880	0	0	0.1455 ± 70	1.450 ± 103	0.0723 ± 34	876 ± 40	994 ± 95
11.1	77	57	0.747	1	0.1	0.2070 ± 101	2.571 ± 169	0.0901 ± 35	1213 ± 54	1427 ± 73
12.1+	105	75	0.715	11	3.2	0.0632 ± 32	0.683 ± 115	0.0734 ± 121	395 ± 19	1157 ± 310
13.1	79	62	0.789	0	0	0.2027 ± 99	2.486 ± 166	0.0890 ± 35	1190 ± 53	1403 ± 76
14.1	57	38	0.675	2	1.2	0.0467 ± 23	0.647 ± 62	0.1004 ± 76	294 ± 14	1632 ± 144
15.1+	89	52	0.624	5	0.9	0.1407 ± 70	1.487 ± 195	0.0766 ± 88	849 ± 40	1111 ± 230
16.1†	90	77	0.851	1	21.0	0.00115 ± 14	---	---	7 ± 1	---
17.1	98	75	0.769	22	4.9	0.0894 ± 43	0.948 ± 90	0.0769 ± 58	552 ± 26	1120 ± 150
18.1+	128	118	0.915	9	2.1	0.0664 ± 32	0.511 ± 86	0.0558 ± 87	414 ± 20	446 ± 313
19.1	148	148	1.004	0	0	0.1580 ± 77	1.655 ± 118	0.0759 ± 36	946 ± 43	1094 ± 97
19.2+	119	105	0.883	2	0.5	0.0732 ± 57	0.748 ± 91	0.0742 ± 62	455 ± 35	1046 ± 179
20.1	97	76	0.788	17	2.5	0.1388 ± 68	1.401 ± 113	0.0732 ± 43	838 ± 38	1019 ± 124
20.2	108	88	0.814	0	0	0.1757 ± 138	2.184 ± 192	0.0902 ± 28	1043 ± 76	1429 ± 61
21.1	71	43	0.607	2	5.5	0.00995 ± 63	0.0628 ± 282	0.0458 ± 207	64 ± 4	0
21.2	60	36	0.597	1	1.3	0.0314 ± 25	0.299 ± 47	0.0690 ± 87	200 ± 16	900 ± 285
22.1+	102	76	0.751	0	0	0.1121 ± 55	1.520 ± 175	0.0984 ± 96	685 ± 32	1593 ± 195
23.1	939	75	0.080	0	0	0.1711 ± 82	1.818 ± 90	0.0771 ± 6	1018 ± 45	1123 ± 17
23.2	118	487	0.242	8	0.3	0.1030 ± 80	1.067 ± 88	0.0752 ± 13	632 ± 47	1072 ± 36
24.1	58	27	0.478	5	9.5	0.1916 ± 70	1.919 ± 97	0.0727 ± 22	1130 ± 38	1005 ± 64
25.1	77	56	0.735	3	0.6	0.1551 ± 55	1.860 ± 95	0.0893 ± 28	907 ± 31	1410 ± 62
26.1	137	20	0.143	2	2.7	0.0104 ± 4	0.0826 ± 86	0.0574 ± 52	67 ± 3	505 ± 190
27.1	157	52	0.333	2	0.6	0.0444 ± 16	0.5911 ± 274	0.0965 ± 24	280 ± 10	1558 ± 47
28.1	83	55	0.660	0	0	0.2044 ± 75	2.445 ± 122	0.0868 ± 26	1199 ± 40	1355 ± 59
29.1	132	112	0.848	0	0	0.1914 ± 70	2.555 ± 115	0.0968 ± 22	1129 ± 38	1563 ± 43
<i>GNX-22 Paragneiss</i>										
1.1	1367	7	0.005	2	0.1	0.02897 ± 81	0.1802 ± 58	0.0451 ± 6	184 ± 5	0
2.1	1145	7	0.006	2	0.2	0.01809 ± 51	0.1349 ± 46	0.0541 ± 9	116 ± 3	375 ± 36
3.1	412	8	0.020	1	0.3	0.02086 ± 59	0.1586 ± 64	0.0552 ± 14	133 ± 4	418 ± 58
4.1	1555	19	0.012	2	0.3	0.01011 ± 29	0.0670 ± 26	0.0480 ± 12	65 ± 2	104 ± 54
5.1	610	29	0.047	2	0.9	0.00652 ± 19	0.0398 ± 24	0.0443 ± 22	42 ± 1	0
6.1	658	32	0.049	2	1.4	0.00359 ± 11	0.0235 ± 18	0.0474 ± 31	23 ± 1	75 ± 142
7.1	537	29	0.054	1	2.6	0.00284 ± 9	0.0145 ± 16	0.0369 ± 39	18 ± 1	0
8.1	439	31	0.070	2	3.5	0.00271 ± 10	0.0170 ± 23	0.0455 ± 58	17 ± 1	0
9.1	915	37	0.040	3	2.9	0.00238 ± 8	0.0119 ± 13	0.0363 ± 38	15 ± 1	0
10.1	473	89	0.188	3	2.2	0.00627 ± 19	0.0413 ± 33	0.0478 ± 34	40 ± 1	92 ± 156
11.1	396	83	0.209	3	3.1	0.00461 ± 15	0.0331 ± 35	0.0520 ± 51	30 ± 1	284 ± 231
12.1	532	278	0.522	0	0	0.1289 ± 36	1.210 ± 41	0.0681 ± 11	782 ± 21	872 ± 33
13.1	415	2	0.004	12	1.1	0.0586 ± 11	0.444 ± 17	0.0549 ± 17	367 ± 7	409 ± 72
14.1	633	5	0.008	4	0.3	0.04177 ± 76	0.2921 ± 100	0.0507 ± 14	264 ± 5	228 ± 63
15.1	775	58	0.074	4	1.0	0.0116 ± 2	0.1069 ± 56	0.0667 ± 31	75 ± 1	828 ± 99
16.1	767	29	0.038	7	3.8	0.00491 ± 12	0.0407 ± 42	0.061 ± 59	32 ± 1	608 ± 228
17.1	659	90	0.136	1	0.2	0.01750 ± 33	0.1078 ± 64	0.0447 ± 24	112 ± 2	0
18.1	236	20	0.086	2	0.2	0.0912 ± 17	0.6101 ± 247	0.0485 ± 16	563 ± 10	125 ± 76
19.1	179	69	0.384	0	0	0.1989 ± 40	1.914 ± 72	0.0698 ± 21	1169 ± 22	923 ± 62
20.1	511	4	0.008	3	2.7	0.00508 ± 14	0.0288 ± 41	0.0411 ± 56	33 ± 1	0

continued

Table 2 (continued)

Spot	U ppm	Th ppm	Th/U	^{204}Pb ppb	f (%)	$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{235}\text{U}$	$^{207}\text{Pb}/^{206}\text{Pb}$	Ages (Ma)		
									$^{206}\text{Pb}/^{238}\text{U}$	$^{207}\text{Pb}/^{206}\text{Pb}$	
<i>MN-19 Intermediate Orthogneiss</i>											
1.1	410	2	0.005	2	3.4	0.00262 ± 9	0.0172 ± 27	0.0476 ± 70	17 ± 1	85 ± 312 ⁸⁵	
2.1 [†]	57	42	0.724	7	30.4	0.00642 ± 30	---	---	41 ± 2	---	
3.1	104	55	0.524	0	0	0.04216 ± 99	0.3414 ± 248	0.0587 ± 39	266 ± 6	557 ± 151	
4.1	282	221	0.783	0	0	0.02750 ± 65	0.1916 ± 146	0.0505 ± 35	175 ± 4	220 ± 162	
5.1	203	169	0.834	0	0	0.05217 ± 122	0.3846 ± 266	0.0535 ± 33	328 ± 7	348 ± 147	
6.1	135	55	0.411	0	0	0.02806 ± 67	0.2108 ± 162	0.0545 ± 38	178 ± 4	391 ± 165	
7.1	316	326	1.033	0	0	0.04969 ± 116	0.3609 ± 260	0.0527 ± 34	313 ± 7	315 ± 155	
8.1	443	86	0.194	1	0.2	0.02861 ± 67	0.2168 ± 96	0.0549 ± 19	182 ± 4	410 ± 80	
9.1	364	297	0.817	0	0	0.05628 ± 131	0.4271 ± 237	0.0550 ± 26	353 ± 8	414 ± 110	
10.1 [†]	349	109	0.313	0	0	0.00155 ± 8	---	---	10 ± 0	---	
11.1 ⁺	59	37	0.621	0	0	0.00583 ± 28	0.0765 ± 103	0.0951 ± 114	37 ± 2	1531 ± 245	
12.1	554	647	1.167	0	0	0.04523 ± 105	0.3756 ± 225	0.0602 ± 32	285 ± 7	612 ± 118	
13.1	523	184	0.351	1	0.1	0.02558 ± 60	0.1609 ± 82	0.0456 ± 19	163 ± 4	0	
14.1 [†]	1691	899	0.532	1	4.0	0.00032 ± 2	---	---	2 ± 0	---	
15.1	141	78	0.556	0	0	0.03972 ± 94	0.2874 ± 231	0.0525 ± 39	251 ± 6	306 ± 176	
16.1	630	738	1.171	0	0	0.04789 ± 112	0.4124 ± 258	0.0624 ± 34	302 ± 7	689 ± 1	
17.1	421	443	1.052	0	0	0.03280 ± 78	0.2584 ± 207	0.0571 ± 42	208 ± 5	497 ± 171	
18.1 ⁺	160	50	0.314	1	0.6	0.03122 ± 75	0.2599 ± 230	0.0604 ± 50	198 ± 5	617 ± 188	
<i>MN-40 Intermediate Orthogneiss*</i>											
1.1	563	74	0.130			0.00596 ± 18	0.5451 ± 274	0.0663 ± 24			
2.1	63	62	0.980			0.00511 ± 25	0.1559 ± 160	0.2211 ± 187			
3.1	60	40	0.666			0.00695 ± 29	0.1804 ± 167	0.1884 ± 146			
4.1	563	567	1.007			0.00586 ± 18	0.0559 ± 28	0.0692 ± 25			
5.1	156	77	0.494			0.00566 ± 21	0.1158 ± 85	0.1484 ± 88			
6.1	195	116	0.592			0.00557 ± 21	0.0870 ± 69	0.1133 ± 74			
7.1	379	234	0.617			0.00444 ± 15	0.0504 ± 32	0.0824 ± 42			
8.1-c	147	68	0.466			0.03057 ± 87	0.2603 ± 124	0.0618 ± 22			
8.2-r	199	123	0.617			0.00592 ± 20	0.0737 ± 53	0.0903 ± 53			
9.1	182	122	0.671			0.00627 ± 22	0.0858 ± 64	0.0992 ± 61			
10.1	127	117	0.918			0.00428 ± 19	0.0746 ± 73	0.1264 ± 104			
11.1	73	45	0.620			0.00561 ± 40	0.2180 ± 321	0.2818 ± 339			
12.1	205	105	0.514			0.00622 ± 35	0.1074 ± 122	0.1252 ± 116			
13.1	137	89	0.649			0.00552 ± 34	0.1697 ± 206	0.2232 ± 217			
14.1	142	85	0.600			0.00610 ± 36	0.1551 ± 185	0.1843 ± 177			
15.1	152	122	0.799			0.00558 ± 33	0.1254 ± 145	0.1631 ± 152			
16.1	360	271	0.755			0.00524 ± 28	0.0805 ± 82	0.1114 ± 89			
17.1	647	171	0.264			0.00395 ± 21	0.0478 ± 45	0.0878 ± 64			
<i>MN-20 Mafic Granulite[†]</i>											
1.1	78	42	0.534	8	90.9	0.00020 ± 13	---	---	1 ± 1	---	
1.2	84	63	0.746	4	67.9	0.00038 ± 8	---	---	2 ± 1	---	
2.1	133	76	0.574	42	93.0	0.00044 ± 19	---	---	3 ± 1	---	
2.2	53	40	0.752	2	93.7	0.00004 ± 8	---	---	0	---	
4.1	63	37	0.585	5	95.6	0.00006 ± 13	---	---	0	---	
5.1	60	60	1.004	4	94.0	0.00008 ± 13	---	---	0	---	
3.1	73	47	0.647	4	73.8	0.00036 ± 11	---	---	2 ± 1	---	
6.1	111	80	0.718	5	89.6	0.00010 ± 10	---	---	1 ± 1	---	
7.1	46	32	0.697	5	98.7	0.00003 ± 23	---	---	0	---	
8.1	53	27	0.519	10	84.4	0.00063 ± 32	---	---	4 ± 2	---	
8.2	41	24	0.584	22	84.5	0.00183 ± 45	---	---	12 ± 3	---	

All errors are 1 sigma. c = core, r = rim.

[†]Data corrected using ^{207}Pb .*Data corrected using ^{204}Pb .

*Data uncorrected for common Pb.