

## Data Repository Item 2003026

TABLE DR1. U-Pb GEOCHRONOLOGIC DATA AND APPARENT AGES

Spot <sup>a</sup>	U <sup>b</sup> (ppm)	Th (ppm)	Th/U	<sup>206</sup> Pb* <sup>b</sup> (ppm)	f <sup>206</sup> Pb <sub>c</sub> <sup>b</sup>	<sup>206</sup> Pb/ <sup>238</sup> U <sup>c</sup>	<sup>207</sup> Pb/ <sup>206</sup> Pb <sup>c</sup>	<sup>206</sup> Pb/ <sup>238</sup> U <sup>d</sup> (Ma)	<sup>207</sup> Pb/ <sup>206</sup> Pb <sup>d</sup> (Ma)
Sample 01-47 Metapsammite (UTM 448805;8296467)									
1-1 r	822	28	0.036	54	5.00	0.0733 (20)	0.0561 (09)	456 (12)	457 (55)
2-1 r	924	17	0.020	50	0.94	0.0628 (12)	0.0549 (32)	393 (7)	410 (129)
2-2 c	234	57	0.251	55	-	0.2765 (63)	0.1179 (68)	1574 (32)	1924 (103)
3-1 r	816	17	0.022	46	0.71	0.0650 (13)	0.0492 (32)	406 (8)	155 (151)
4-1 r	406	241	0.613	70	0.28	0.2015 (38)	0.0851 (15)	1184 (20)	1319 (34)
5-1 r	999	24	0.025	59	0.43	0.0681 (14)	0.0530 (13)	425 (8)	331 (53)
6-1 r	66	2	0.026	4	-	0.0634 (18)	0.0632 (47)	396 (11)	715 (158)
7-1 r	1474	15	0.011	84	0.26	0.0660 (12)	0.0549 (17)	412 (7)	408 (69)
8-1 r	655	19	0.029	37	1.15	0.0658 (13)	0.0547 (13)	411 (8)	399 (53)
8-2 c	43	75	1.811	10	1.01	0.2689 (96)	0.0806 (73)	1535 (49)	1213 (177)
9-1 r	87	37	0.435	16	-	0.2115 (49)	0.0852 (30)	1237 (26)	1321 (68)
10-1 r	1674	32	0.020	94	0.13	0.0652 (12)	0.0540 (11)	407 (7)	370 (44)
10-2 r	1404	35	0.025	103	-	0.0854 (16)	0.0684 (12)	528 (9)	879 (37)
11-1 r	1039	16	0.016	57	-	0.0637 (12)	0.0557 (10)	398 (7)	442 (41)
12-1 r	567	15	0.028	34	-	0.0688 (24)	0.0577 (20)	429 (14)	518 (518)
13-1 r	929	23	0.025	56	-	0.0701 (12)	0.0575 (13)	437 (8)	511 (52)
14-1 r	763	86	0.117	118	-	0.1803 (34)	0.0855 (13)	1069 (18)	1326 (29)
15-1 c	266	122	0.473	44	-	0.1903 (50)	0.0757 (18)	1123 (27)	1087 (48)
16-1 r	273	137	0.520	73	-	0.3111 (59)	0.1096 (21)	1746 (29)	1792 (36)
17-1 c	241	178	0.764	54	-	0.2613 (56)	0.1053 (22)	1496 (29)	1719 (39)
18-1 c	36	61	1.742	8	1.27	0.2631 (83)	0.0957 (91)	1506 (42)	1543 (179)
19-1 c	304	166	0.563	79	-	0.3038 (55)	0.1054 (17)	1710 (27)	1722 (29)
20-1 c	422	145	0.355	73	0.13	0.2020 (36)	0.0772 (16)	1186 (19)	1127 (42)
21-1 c	173	223	1.337	55	-	0.3711 (71)	0.1254 (22)	2034 (33)	2034 (32)
22-1 c	343	163	0.490	72	-	0.2453 (44)	0.0931 (16)	1414 (23)	1491 (33)
23-1 c	705	90	0.132	64	-	0.1056 (19)	0.0749 (24)	647 (11)	1066 (65)
24-1 c	383	103	0.278	51	-	0.1553 (29)	0.0734 (18)	931 (16)	1024 (48)
25-1 c	254	79	0.322	42	-	0.1935 (37)	0.0833 (20)	1140 (20)	1277 (46)
26-1 c	279	207	0.765	58	-	0.2422 (45)	0.0912 (18)	1398 (23)	1451 (38)
27-1 c	191	102	0.551	39	-	0.2372 (48)	0.0973 (22)	1372 (25)	1574 (43)
28-1 c	113	92	0.835	27	0.34	0.2766 (58)	0.1025 (42)	1574 (29)	1670 (75)
29-1 c	477	127	0.274	91	-	0.2227 (40)	0.0898 (13)	1296 (21)	1420 (29)
30-1 c	305	275	0.930	72	0.25	0.2758 (52)	0.1051 (26)	1570 (26)	1717 (45)
31-1 c	121	147	1.257	25	-	0.2412 (50)	0.1072 (29)	1393 (26)	1752 (49)
32-1 c	301	70	0.241	71	-	0.2756 (51)	0.1044 (17)	1569 (26)	1704 (30)
33-1 r	988	15	0.015	55	0.38	0.0642 (13)	0.0567 (28)	401 (8)	481 (481)
34-1 r	1220	22	0.019	65	-	0.0621 (11)	0.0545 (15)	388 (7)	393 (393)

## Data Repository Item 2003026

Sample 01-86 Leucosome in metapelitic paragneiss (UTM 436340;8270928)

1-1	r	684	26	0.039	37	-	0.0626 (17)	0.0550 (17)	392 (10)	414 (67)
1-2	c	204	2	0.010	26	-	0.1510 (30)	0.0688 (16)	906 (17)	893 (48)
2-1	r	123	1	0.007	7	-	0.0683 (22)	0.0585 (39)	426 (13)	550 (145)
3-1	r	1266	42	0.034	68	0.25	0.0627 (17)	0.0538 (19)	392 (10)	362 (79)
3-2	c	579	15	0.026	30	-	0.0610 (17)	0.0572 (18)	382 (11)	499 (69)
4-1	r	668	23	0.036	36	-	0.0624 (17)	0.0570 (16)	390 (10)	492 (61)
4-2	c	484	6	0.013	28	-	0.0670 (19)	0.0544 (18)	418 (11)	386 (73)
5-1	r	910	15	0.017	49	-	0.0622 (17)	0.0542 (13)	389 (10)	378 (52)
5-2	c	266	3	0.010	14	-	0.0626 (18)	0.0555 (25)	391 (11)	434 (98)
6-1	c	131	1	0.005	8	-	0.0679 (24)	0.0569 (46)	423 (14)	489 (177)
7-1	c	318	4	0.013	18	-	0.0641 (18)	0.0543 (21)	401 (11)	383 (85)
8-1	c	339	3	0.009	19	-	0.0657 (13)	0.0548 (16)	410 (8)	403 (67)
9-1	r	940	41	0.045	52	-	0.0641 (12)	0.0538 (11)	400 (7)	364 (44)
9-2	c	466	12	0.027	26	-	0.0643 (13)	0.0563 (16)	401 (8)	464 (65)
10-1	c	148	1	0.007	9	-	0.0700 (16)	0.0633 (31)	436 (10)	719 (102)
11-1	r	142	1	0.004	8	-	0.0669 (15)	0.0567 (27)	417 (9)	482 (105)
11-2	c	519	15	0.031	74	0.17	0.1649 (31)	0.0751 (14)	984 (17)	1072 (38)
12-1	r	833	13	0.016	46	0.20	0.0641 (12)	0.0525 (14)	400 (7)	306 (62)
12-2	c	376	5	0.013	22	-	0.0670 (14)	0.0539 (21)	418 (9)	369 (89)
12-3	r	556	11	0.021	30	-	0.0631 (12)	0.0560 (14)	395 (7)	452 (56)
13-1	r	947	32	0.035	53	-	0.0650 (12)	0.0554 (10)	406 (7)	428 (42)
13-2	c	2567	107	0.043	143	-	0.0647 (12)	0.0561 (7)	404 (7)	456 (29)
14-1	r	750	32	0.044	42	-	0.0647 (12)	0.0533 (12)	404 (7)	340 (50)
14-2	c	311	3	0.011	18	-	0.0654 (14)	0.0528 (20)	409 (8)	321 (86)
15-1	c	82	0	0.005	5	1.14	0.0674 (19)	0.0562 (40)	421 (11)	310 (162)
15-2	r	382	4	0.012	22	2.79	0.0639 (14)	0.0579 (81)	399 (8)	528 (306)
16-1	c	2948	125	0.044	164	-	0.0647 (12)	0.0549 (6)	404 (7)	407 (26)
17-1	c	112	1	0.005	6	-	0.0655 (16)	0.0522 (30)	409 (10)	295 (129)
18-1	r	146	1	0.004	8	-	0.0674 (15)	0.0604 (27)	420 (9)	617 (95)
19-1	r	193	1	0.005	11	-	0.0691 (15)	0.0549 (23)	431 (9)	410 (93)

<sup>a</sup> Abbreviations: c = core; r = rim.

<sup>b</sup> Zircons were separated by standard techniques at the University of Idaho. Selected grains were mounted in epoxy, polished to expose grain centers, and imaged by cathodoluminescence (CL) at Stanford University. All analyses, selected on the basis of the CL images, were performed on the SHRIMP-RG ion microprobe at Stanford University. Calibration concentrations and isotopic compositions was based on replicate analyses of SL13, AS57 (1099 Ma), and R33 (421 Ma). Analytical routine followed Williams (1997). Data reduction and plotting utilized Ludwig (1999, 2001).

<sup>c</sup> Pb\* denotes radiogenic Pb; Pb<sub>c</sub> denotes common Pb;  $f^{206}\text{Pb}_c = 100 * (\frac{^{206}\text{Pb}_c}{^{206}\text{Pb}_{\text{total}}})$ .

<sup>d</sup> Reported ratios corrected for common Pb using measured 204 abundance. Absolute 1  $\sigma$  counting errors reported in parentheses as last decimal places.

<sup>e</sup> Ages calculated from ratios corrected for common Pb. Uncertainties in millions of years reported as 1  $\sigma$ .

**REFERENCES CITED**

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