ERRATUM

Measurement of U-Pb ages of uraninite and davidite by laser ablation-HR-ICP-MS by Don Chipley, Paul Polito, and T. Kurtis Kyser (vol. 92, p. 1925–1935, 2007: Erratum DOI: 10.2138/am.2008.510).

The authors have discovered errors in this manuscript. Ages for Ranger from previous work were stated as 1550 ± 15 and 1472 ± 40 Ma in the Abstract. The correct ages are 1711 ± 1 and 1700 as reported in Table 6. In the Result section, Mt. Isa Davidite, upper and lower intercepts of the concordia curve were incorrectly stated as 1162 ± 220 Ma and 12 ± 1600 Ma and should be 1214 ± 180 Ma and –54 ± 1600 Ma as shown in Figure 4d. Additionally, uncorrected $^{207}Pb/^{206}Pb$ ratios were erroneously inserted in Table 7. A revised Table 7 containing common lead corrected $^{207}Pb/^{206}Pb$ ratios is attached.

TABLE 7. Isotopic data and apparent-ages for uraninite and davidite from Northern Australia

Mineral/Sample	$^{206}Pb/^{204}Pb$	com. Pb* (%)	$^{206}Pb/^{238}U$§	±1σ	$^{207}Pb/^{235}U$	±1σ	R†	$^{207}Pb/^{206}Pb$	±1σ	Apparent ages (±1σ, Ma)‡ $^{206}Pb/^{238}U$	$^{207}Pb/^{235}U$	$^{207}Pb/^{206}Pb$	Disc.‖ (%)
Uraninite													
Adelaide River 1	15535	0.24	0.046	0.002	0.412	0.006	0.080	0.066	0.002	290 ± 10	350 ± 5	820 ± 57	65
Adelaide River 2	20673	0.17	0.047	0.002	0.407	0.006	0.221	0.067	0.002	295 ± 10	347 ± 5	833 ± 55	65
Adelaide River 3	6157	0.64	0.035	0.001	0.334	0.006	0.216	0.066	0.002	224 ± 6	293 ± 5	808 ± 47	72
Adelaide River 4	4477	1.07	0.037	0.002	0.331	0.013	0.619	0.067	0.002	232 ± 11	291 ± 10	830 ± 59	72
Adelaide River 5	14082	0.19	0.036	0.001	0.301	0.005	0.122	0.064	0.002	228 ± 9	267 ± 4	746 ± 55	69
Adelaide River 6	12908	0.26	0.036	0.001	0.345	0.005	0.082	0.068	0.002	227 ± 7	301 ± 4	881 ± 47	74
Adelaide River 7	24352	0.23	0.056	0.004	0.493	0.025	0.845	0.064	0.001	354 ± 22	407 ± 17	742 ± 45	52
Adelaide River 8	68753	0.19	0.027	0.001	0.236	0.004	0.107	0.064	0.001	170 ± 4	216 ± 3	735 ± 42	77
Adelaide River 9	1693	1.11	0.057	0.004	0.496	0.024	0.833	0.065	0.001	357 ± 26	409 ± 16	759 ± 40	53
Adelaide River 10	18994	0.16	0.040	0.001	0.372	0.006	0.129	0.070	0.002	253 ± 9	321 ± 4	912 ± 44	72
Adelaide River 11	28015	0.16	0.041	0.001	0.400	0.007	0.005	0.069	0.002	260 ± 8	341 ± 5	901 ± 46	71
Adelaide River 12	15122	0.19	0.048	0.002	0.430	0.008	0.334	0.067	0.002	301 ± 10	363 ± 6	838 ±47	64
Adelaide River 13	12390	0.29	0.048	0.002	0.437	0.009	0.218	0.069	0.002	301 ± 12	368 ± 7	902 ± 58	67
Adelaide River 14	28205	0.18	0.036	0.001	0.370	0.007	0.281	0.075	0.002	228 ± 9	320 ± 5	1069 ±60	79
Adelaide River 15	11394	0.27	0.043	0.002	0.391	0.008	0.267	0.070	0.002	269 ± 10	335 ± 6	936 ± 52	71
Adelaide River 16	4554	0.60	0.043	0.002	0.417	0.010	0.049	0.070	0.002	269 ± 10	354 ± 7	938 ± 58	71
Davidite													
Mt Isa 1	1206	2.09	0.285	0.012	3.065	0.150	0.092	0.083	0.004	1616 ± 59	1414 ± 37	1272 ± 63	–27
Mt Isa 4	3988	1.90	0.269	0.012	2.949	0.117	0.164	0.088	0.004	1536 ± 61	1395 ± 30	1384 ± 69	–11
Mt Isa 5	797	2.45	0.276	0.008	3.128	0.162	0.298	0.080	0.003	1571 ± 41	1396 ± 39	1184 ± 50	–33
Mt Isa 7	1015	3.78	0.178	0.008	1.901	0.116	0.255	0.065	0.003	1056 ± 43	922 ± 40	765 ± 55	–34
Mt Isa 8	1270	3.31	0.188	0.008	2.068	0.115	0.237	0.069	0.003	1109 ± 46	980 ± 37	908 ± 63	–22
Mt Isa 9	1229	2.77	0.294	0.016	2.778	0.237	0.111	0.072	0.003	1662 ± 77	1350 ± 62	992 ± 55	–68
Mt Isa 10	3150	4.10	0.221	0.011	2.105	0.146	0.299	0.068	0.005	1287 ± 59	1027 ± 47	868 ± 85	–48
Mt Isa 11	978	3.70	0.247	0.010	2.497	0.162	0.163	0.070	0.004	1424 ± 51	1194 ± 46	908 ± 61	–55
Mt Isa 13	746	4.08	0.250	0.013	2.998	0.230	0.023	0.069	0.004	1437 ± 66	1291 ± 57	903 ± 70	–59
Mt Isa 15	27218	0.22	0.174	0.004	2.462	0.074	0.115	0.097	0.003	1036 ± 19	1261 ± 22	1575 ± 49	34
Mt Isa 16	11878	0.46	0.169	0.005	2.312	0.090	0.253	0.096	0.003	1007 ± 27	1216 ± 27	1540 ± 51	35
Mt Isa 17	2178	0.93	0.234	0.005	2.837	0.081	0.566	0.877	0.001	1355 ± 24	1365 ± 21	1375 ± 27	2
Mt Isa 18	24471	0.22	0.228	0.006	2.931	0.062	0.280	0.094	0.002	1325 ± 33	1390 ± 16	1505 ± 34	12
Mt Isa 19	135657	0.11	0.206	0.007	2.656	0.082	0.534	0.094	0.002	1210 ± 35	1316 ± 23	1513 ± 36	20
Mt Isa 20	6024	0.38	0.155	0.003	1.989	0.036	0.676	0.087	0.001	1049 ± 16	1169 ± 12	1364 ± 19	23
Mt Isa 21	6067	0.40	0.168	0.003	2.246	0.050	0.250	0.091	0.002	1005 ± 18	925 ± 15	1446 ± 31	31
Mt Isa 22	5093	0.35	0.155	0.004	1.983	0.070	0.506	0.093	0.002	978 ± 24	1178 ± 24	1492 ± 33	34
Uraninite													
Palette 1	12057	0.19	0.116	0.003	1.065	0.015	0.007	0.066	0.002	707 ± 19	736 ± 8	813 ±55	13
Palette 2	8704	0.24	0.101	0.004	0.969	0.014	0.091	0.071	0.003	618 ± 22	688 ± 7	958 ± 72	35
Palette 3	10530	0.20	0.104	0.004	0.955	0.014	0.213	0.067	0.002	636 ± 21	681 ± 7	848 ± 61	25
Palette 4	17358	0.14	0.104	0.003	1.016	0.015	0.071	0.067	0.002	638 ± 19	712 ± 7	821 ± 55	22
Palette 5	9419	0.22	0.094	0.003	0.902	0.014	0.028	0.066	0.002	581 ± 18	653 ± 7	818 ± 62	29
Palette 6	14180	0.14	0.155	0.006	1.490	0.022	0.017	0.069	0.002	931 ± 34	926 ± 9	888 ± 63	–5
Palette 7	9750	0.19	0.089	0.002	0.764	0.009	0.242	0.062	0.001	548 ± 13	576 ± 5	675 ± 42	19
Palette 8	9963	0.20	0.092	0.002	0.769	0.009	0.257	0.061	0.001	567 ± 14	579 ± 5	634 ± 42	11
Palette 9	8843	0.21	0.090	0.002	0.779	0.009	0.218	0.062	0.001	553 ± 14	585 ± 5	674 ± 38	18
Palette 10	7347	0.25	0.066	0.001	0.659	0.008	0.216	0.071	0.001	410 ± 9	514 ± 5	964 ± 34	57
Palette 11	7402	0.25	0.090	0.002	0.839	0.008	0.207	0.068	0.001	554 ± 12	619 ± 4	863 ± 35	36
Palette 12	6051	0.29	0.127	0.003	1.105	0.011	0.135	0.063	0.001	770 ± 15	756 ± 5	704 ± 33	–9
Palette 13	5850	0.30	0.122	0.003	1.106	0.010	0.251	0.063	0.001	744 ± 15	756 ± 5	721 ± 30	–3
Palette 15	6102	0.29	0.128	0.003	1.139	0.015	0.323	0.066	0.001	775 ± 16	772 ± 7	807 ± 32	4
Uraninite													
El Sherana 1	1746	1.07	0.058	0.002	0.738	0.014	0.105	0.066	0.003	366 ± 13	561 ± 8	820 ± 87	55
El Sherana 2	1739	1.10	0.071	0.003	0.805	0.017	0.176	0.092	0.003	439 ± 20	600 ± 9	1460 ± 62	70
El Sherana 3	1439	1.33	0.072	0.004	0.886	0.018	0.103	0.095	0.003	451 ± 23	644 ± 10	1520 ± 63	70
El Sherana 4	1356	1.42	0.075	0.003	0.955	0.018	0.114	0.096	0.003	464 ± 18	681 ± 9	1545 ± 66	70
El Sherana 5	3605	0.55	0.059	0.002	0.622	0.011	0.134	0.078	0.002	370 ± 13	491 ± 7	1146 ± 58	68
El Sherana 6	966	2.18	0.077	0.006	0.991	0.026	0.155	0.113	0.006	480 ± 33	699 ± 13	1855 ± 98	74
El Sherana 7	1767	1.16	0.071	0.004	0.815	0.020	0.020	0.093	0.004	440 ± 24	605 ± 11	1498 ± 80	71
El Sherana 8	3975	0.66	0.066	0.004	0.716	0.016	0.230	0.089	0.004	410 ± 26	548 ± 9	1394 ± 90	71
El Sherana 9	1251	1.82	0.089	0.008	1.107	0.070	0.632	0.099	0.005	551 ± 46	757 ± 33	1604 ± 87	66
El Sherana 11	1944	1.29	0.071	0.005	0.796	0.021	0.035	0.110	0.007	445 ± 31	595 ± 12	1798 ± 109	75
El Sherana 12	1526	1.44	0.075	0.005	0.907	0.019	0.033	0.112	0.006	469 ± 32	656 ± 10	1825 ± 90	74
El Sherana 13	1476	1.23	0.073	0.002	0.895	0.013	0.204	0.088	0.002	457 ± 12	649 ± 7	1392 ± 48	67
El Sherana 14	1707	1.06	0.066	0.002	0.758	0.011	0.026	0.084	0.002	410 ± 11	573 ± 6	1300 ± 50	68
El Sherana 15	1555	1.12	0.076	0.003	0.831	0.023	0.757	0.081	0.001	475 ± 15	614 ± 13	1212 ± 30	61
El Sherana 16	1483	2.90	0.085	0.005	0.911	0.052	0.926	0.062	0.003	524 ± 29	658 ± 27	660 ± 92	21
El Sherana 17	1087	1.61	0.093	0.004	1.172	0.059	0.924	0.088	0.002	575 ± 26	788 ± 27	1387 ± 33	59
El Sherana 18	1257	1.43	0.139	0.011	1.770	0.145	0.941	0.092	0.002	841 ± 64	1035 ± 52	1467 ± 32	43
El Sherana 19	1388	1.30	0.081	0.004	0.989	0.055	0.897	0.089	0.002	501 ± 27	698 ± 28	1395 ± 42	64

* Com. Pb (%) = % ^{206}Pb from common lead. † R = error correlation coefficient. ‡ $^{206}Pb/^{238}U$, $^{207}Pb/^{235}U$, and $^{207}Pb/^{206}Pb$ ages calculated using equations reported by Ludwig (2000). § Measured isotope ratios (except $^{206}Pb/^{204}Pb$) and calculated apparent dates are corrected for common lead, as estimated from monitored counts of ^{204}Pb. || Disc. = percent discordance.