

Appendix. U–Pb isotopic data of the unknown zircon samples and zircon standards (Nancy 91500 and OD- 3).

(C) concordant data set; (D) discordant data set; (IC) data from a spot containing an inclusion or a crack; (R) data from a spot containing resin or data from a zircon grain that detached from the resin during laser ablation. Data shown in italics (D, IC, and R in the column labelled “Remarks”) were rejected before calculation of isotopic ages

FTT01 Intrusive rock											
No.	Th/U	²⁰⁶ Pbc (%)	²⁰⁷ Pb/ ²³⁵ U	Error 2SD	²⁰⁶ Pb/ ²³⁸ U	Error 2SD	²³⁵ U– ²⁰⁷ Pb (Ma)	Error 2SD	²³⁸ U– ²⁰⁶ Pb (Ma)	Error 2SD	Remarks
<i>FTT01-01</i>	<i>1.19</i>	<i>5.37</i>	<i>0.0955</i>	<i>0.0234</i>	<i>0.01036</i>	<i>0.00060</i>	<i>92.6 ± 22.7</i>		<i>66.5 ± 3.9</i>		<i>IC</i>
FTT01-02	0.94	0.00	0.0781	0.0184	0.01080	0.00056	76.4 ± 18.0		69.2 ± 3.6		C
FTT01-03	0.60	0.00	0.0633	0.0156	0.01031	0.00052	62.3 ± 15.3		66.1 ± 3.4		C
<i>FTT01-04</i>	<i>1.93</i>	<i>8.88</i>	<i>0.2185</i>	<i>0.0294</i>	<i>0.01113</i>	<i>0.00052</i>	<i>200.6 ± 27.0</i>		<i>71.4 ± 3.3</i>		<i>IC</i>
FTT01-05	2.23	1.27	0.0720	0.0146	0.01052	0.00048	70.6 ± 14.3		67.4 ± 3.0		C
<i>FTT01-06</i>	<i>1.61</i>	<i>3.11</i>	<i>0.0440</i>	<i>0.0133</i>	<i>0.00998</i>	<i>0.00050</i>	<i>43.7 ± 13.2</i>		<i>64.0 ± 3.2</i>		<i>IC</i>
FTT01-07	0.45	0.00	0.0745	0.0144	0.01031	0.00046	73.0 ± 14.1		66.1 ± 2.9		C
<i>FTT01-08</i>	<i>0.51</i>	<i>10.64</i>	<i>0.0965</i>	<i>0.0214</i>	<i>0.01027</i>	<i>0.00055</i>	<i>93.5 ± 20.8</i>		<i>65.9 ± 3.5</i>		<i>IC</i>
FTT01-09	1.05	0.00	0.0585	0.0149	0.01025	0.00055	57.8 ± 14.7		65.7 ± 3.5		C
FTT01-10	0.78	0.00	0.0783	0.0140	0.01021	0.00046	76.5 ± 13.7		65.5 ± 3.0		C
<i>FTT01-11</i>	<i>1.06</i>	<i>6.01</i>	<i>0.1055</i>	<i>0.0273</i>	<i>0.01073</i>	<i>0.00071</i>	<i>101.8 ± 26.3</i>		<i>68.8 ± 4.6</i>		<i>IC</i>
FTT01-12	1.38	3.64	0.0880	0.0247	0.01131	0.00074	85.6 ± 24.0		72.5 ± 4.7		C
FTT01-13	1.65	1.39	0.0597	0.0164	0.01180	0.00064	58.9 ± 16.1		75.6 ± 4.1		C
<i>FTT01-14</i>	<i>0.82</i>	<i>37.66</i>	<i>0.1435</i>	<i>0.0561</i>	<i>0.01063</i>	<i>0.00116</i>	<i>136.1 ± 53.2</i>		<i>68.2 ± 7.4</i>		<i>IC</i>
<i>FTT01-15</i>	<i>0.61</i>	<i>15.25</i>	<i>0.2570</i>	<i>0.0460</i>	<i>0.01239</i>	<i>0.00079</i>	<i>232.2 ± 41.6</i>		<i>79.4 ± 5.1</i>		<i>IC</i>
<i>FTT01-16</i>	<i>2.04</i>	<i>5.07</i>	<i>0.0941</i>	<i>0.0149</i>	<i>0.01103</i>	<i>0.00046</i>	<i>91.3 ± 14.5</i>		<i>70.7 ± 3.0</i>		<i>IC</i>
<i>FTT01-17</i>	<i>0.63</i>	<i>17.57</i>	<i>0.2043</i>	<i>0.0079</i>	<i>0.00742</i>	<i>0.00013</i>	<i>188.8 ± 7.3</i>		<i>47.7 ± 0.9</i>		<i>R</i>
<i>FTT01-18</i>	<i>1.12</i>	<i>0.00</i>	<i>0.0384</i>	<i>0.0163</i>	<i>0.00921</i>	<i>0.00066</i>	<i>38.3 ± 16.3</i>		<i>59.1 ± 4.2</i>		<i>IC</i>
<i>FTT01-19</i>	<i>1.54</i>	<i>0.00</i>	<i>0.0979</i>	<i>0.0184</i>	<i>0.01018</i>	<i>0.00048</i>	<i>94.9 ± 17.9</i>		<i>65.3 ± 3.1</i>		<i>D</i>
FTT01-20	1.42	0.00	0.0686	0.0241	0.01022	0.00076	67.4 ± 23.7		65.6 ± 4.9		C
<i>FTT01-21</i>	<i>1.22</i>	<i>0.00</i>	<i>0.1618</i>	<i>0.0574</i>	<i>0.01317</i>	<i>0.00128</i>	<i>152.3 ± 54.0</i>		<i>84.3 ± 8.2</i>		<i>D</i>
<i>FTT01-22</i>	<i>1.49</i>	<i>0.00</i>	<i>0.0459</i>	<i>0.0118</i>	<i>0.00970</i>	<i>0.00046</i>	<i>45.6 ± 11.8</i>		<i>62.2 ± 2.9</i>		<i>IC</i>
<i>FTT01-23</i>	<i>1.42</i>	<i>14.15</i>	<i>0.1004</i>	<i>0.0204</i>	<i>0.01109</i>	<i>0.00056</i>	<i>97.1 ± 19.8</i>		<i>71.1 ± 3.6</i>		<i>IC</i>
<i>FTT01-24</i>	<i>0.74</i>	<i>0.00</i>	<i>0.0892</i>	<i>0.0163</i>	<i>0.01054</i>	<i>0.00046</i>	<i>86.8 ± 15.8</i>		<i>67.6 ± 3.0</i>		<i>D</i>
FTT01-25	1.33	0.00	0.0643	0.0143	0.01045	0.00049	63.3 ± 14.1		67.0 ± 3.1		C
FTT01-26	0.97	3.08	0.0795	0.0125	0.01026	0.00038	77.7 ± 12.3		65.8 ± 2.5		C
<i>FTT01-27</i>	<i>0.94</i>	<i>0.00</i>	<i>0.1114</i>	<i>0.0228</i>	<i>0.01060</i>	<i>0.00057</i>	<i>107.3 ± 22.0</i>		<i>68.0 ± 3.6</i>		<i>D</i>
FTT01-28	0.60	0.00	0.0839	0.0171	0.01032	0.00050	81.8 ± 16.7		66.2 ± 3.2		C
<i>FTT01-29</i>	<i>0.72</i>	<i>15.77</i>	<i>0.0756</i>	<i>0.0142</i>	<i>0.01004</i>	<i>0.00042</i>	<i>74.0 ± 13.9</i>		<i>64.4 ± 2.7</i>		<i>IC</i>
<i>FTT01-30</i>	<i>1.57</i>	<i>26.71</i>	<i>0.5138</i>	<i>0.0426</i>	<i>0.01467</i>	<i>0.00049</i>	<i>421.0 ± 34.9</i>		<i>93.9 ± 3.1</i>		<i>IC</i>
FTT01-31	1.26	0.00	0.0578	0.0209	0.01014	0.00071	57.0 ± 20.6		65.0 ± 4.6		C
FTT01-32	0.96	2.12	0.0625	0.0127	0.01059	0.00045	61.6 ± 12.5		67.9 ± 2.9		C

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No.	Th/U	$^{206}\text{Pb}/^{238}\text{U}$ (%)	$^{207}\text{Pb}/^{235}\text{U}$	Error 2SD	$^{206}\text{Pb}/^{238}\text{U}$	Error 2SD	$^{235}\text{U}-^{207}\text{Pb}$ (Ma)	Error 2SD	$^{238}\text{U}-^{206}\text{Pb}$ (Ma)	Error 2SD	Remarks
91500-01	0.35	1.68	1.8671	0.1315	0.17831	0.00539	1069.5 ± 75.3		1057.7 ± 31.9		C
91500-02	0.34	0.00	1.8316	0.1647	0.18362	0.00593	1056.8 ± 95.0		1086.7 ± 35.1		C
91500-03	0.35	0.00	1.9480	0.1593	0.18260	0.00436	1097.7 ± 89.8		1081.1 ± 25.8		C
91500-04	0.35	0.00	1.8807	0.1753	0.18026	0.00484	1074.3 ± 100.1		1068.4 ± 28.7		C
OD-3-01	1.10	0.00	0.0446	0.0120	0.00500	0.00032	44.3 ± 11.9		32.2 ± 2.1		C
OD-3-02	0.86	0.00	0.0280	0.0129	0.00521	0.00044	28.1 ± 13.0		33.5 ± 2.8		C
OD-3-03	0.90	0.00	0.0252	0.0129	0.00482	0.00045	25.3 ± 12.9		31.0 ± 2.9		C
OD-3-04	1.20	0.00	0.0354	0.0089	0.00534	0.00029	35.3 ± 8.9		34.3 ± 1.8		C

FTT02 Pumice tuff											
No.	Th/U	²⁰⁶ Pbc (%)	²⁰⁷ Pb/ ²³⁵ U	Error 2SD	²⁰⁶ Pb/ ²³⁸ U	Error 2SD	²³⁵ U- ²⁰⁷ Pb (Ma)	Error 2SD	²³⁸ U- ²⁰⁶ Pb (Ma)	Error 2SD	Remarks
FTT02-01	0.26	1.37	0.2495	0.0276	0.03860	0.00099	226.2 ± 25.0		244.2 ± 6.2		C
<i>FTT02-02</i>	<i>0.98</i>	<i>1.26</i>	<i>0.0939</i>	<i>0.0065</i>	<i>0.01121</i>	<i>0.00022</i>	<i>91.1 ± 6.3</i>		<i>71.9 ± 1.4</i>		<i>D</i>
<i>FTT02-03</i>	<i>1.05</i>	<i>9.47</i>	<i>0.0938</i>	<i>0.0083</i>	<i>0.01149</i>	<i>0.00027</i>	<i>91.0 ± 8.0</i>		<i>73.6 ± 1.7</i>		<i>IC</i>
<i>FTT02-04</i>	<i>1.00</i>	<i>3.11</i>	<i>0.0478</i>	<i>0.0086</i>	<i>0.00982</i>	<i>0.00033</i>	<i>47.4 ± 8.5</i>		<i>63.0 ± 2.1</i>		<i>IC</i>
FTT02-05	0.90	0.00	0.0705	0.0057	0.01077	0.00022	69.2 ± 5.6		69.0 ± 1.4		C
<i>FTT02-06</i>	<i>0.82</i>	<i>0.02</i>	<i>0.0463</i>	<i>0.0071</i>	<i>0.01016</i>	<i>0.00029</i>	<i>45.9 ± 7.1</i>		<i>65.2 ± 1.9</i>		<i>IC</i>
FTT02-07	0.33	2.61	0.2524	0.0238	0.03666	0.00085	228.5 ± 21.5		232.1 ± 5.4		C
<i>FTT02-08</i>	<i>0.70</i>	<i>32.02</i>	<i>0.1359</i>	<i>0.0287</i>	<i>0.01158</i>	<i>0.00064</i>	<i>129.4 ± 27.3</i>		<i>74.3 ± 4.1</i>		<i>R</i>
<i>FTT02-09</i>	<i>0.76</i>	<i>9.72</i>	<i>0.0973</i>	<i>0.0176</i>	<i>0.01138</i>	<i>0.00050</i>	<i>94.3 ± 17.0</i>		<i>72.9 ± 3.2</i>		<i>IC</i>
<i>FTT02-10</i>	<i>0.70</i>	<i>11.22</i>	<i>0.1077</i>	<i>0.0131</i>	<i>0.01166</i>	<i>0.00037</i>	<i>103.8 ± 12.6</i>		<i>74.7 ± 2.4</i>		<i>IC</i>
<i>FTT02-11</i>	<i>0.73</i>	<i>0.00</i>	<i>0.2017</i>	<i>0.0252</i>	<i>0.01163</i>	<i>0.00048</i>	<i>186.6 ± 23.3</i>		<i>74.5 ± 3.1</i>		<i>D</i>
FTT02-12	0.63	0.00	0.0721	0.0080	0.01090	0.00029	70.7 ± 7.8		69.9 ± 1.8		C
<i>FTT02-13</i>	<i>0.51</i>	<i>6.87</i>	<i>0.0830</i>	<i>0.0109</i>	<i>0.01017</i>	<i>0.00033</i>	<i>81.0 ± 10.7</i>		<i>65.2 ± 2.1</i>		<i>IC</i>
FTT02-14	0.66	1.77	0.0611	0.0117	0.01132	0.00043	60.2 ± 11.6		72.5 ± 2.8		C
<i>FTT02-15</i>	<i>1.20</i>	<i>2.30</i>	<i>0.1436</i>	<i>0.0315</i>	<i>0.01009</i>	<i>0.00064</i>	<i>136.3 ± 29.9</i>		<i>64.7 ± 4.1</i>		<i>IC</i>
FTT02-16	0.65	0.00	0.0879	0.0130	0.01160	0.00040	85.5 ± 12.6		74.4 ± 2.6		C
<i>FTT02-17</i>	<i>0.73</i>	<i>0.00</i>	<i>0.0865</i>	<i>0.0139</i>	<i>0.01064</i>	<i>0.00042</i>	<i>84.2 ± 13.5</i>		<i>68.2 ± 2.7</i>		<i>D</i>
<i>FTT02-18</i>	<i>0.64</i>	<i>0.00</i>	<i>0.1054</i>	<i>0.0162</i>	<i>0.01085</i>	<i>0.00044</i>	<i>101.8 ± 15.6</i>		<i>69.6 ± 2.8</i>		<i>D</i>
<i>FTT02-19</i>	<i>0.68</i>	<i>0.00</i>	<i>0.0774</i>	<i>0.0134</i>	<i>0.01668</i>	<i>0.00057</i>	<i>75.7 ± 13.1</i>		<i>106.7 ± 3.7</i>		<i>D</i>
<i>FTT02-20</i>	<i>0.29</i>	<i>0.00</i>	<i>0.3529</i>	<i>0.0384</i>	<i>0.03839</i>	<i>0.00121</i>	<i>306.9 ± 33.4</i>		<i>242.8 ± 7.7</i>		<i>D</i>
<i>FTT02-21</i>	<i>0.66</i>	<i>9.61</i>	<i>0.1059</i>	<i>0.0128</i>	<i>0.01029</i>	<i>0.00036</i>	<i>102.2 ± 12.3</i>		<i>66.0 ± 2.3</i>		<i>R</i>
<i>FTT02-22</i>	<i>0.74</i>	<i>8.73</i>	<i>0.1853</i>	<i>0.0181</i>	<i>0.01193</i>	<i>0.00041</i>	<i>172.6 ± 16.9</i>		<i>76.4 ± 2.6</i>		<i>R</i>
FTT02-23	0.67	4.34	0.0770	0.0149	0.01093	0.00047	75.3 ± 14.5		70.1 ± 3.0		C
<i>FTT02-24</i>	<i>0.97</i>	<i>0.00</i>	<i>0.0997</i>	<i>0.0125</i>	<i>0.01107</i>	<i>0.00038</i>	<i>96.5 ± 12.1</i>		<i>71.0 ± 2.4</i>		<i>D</i>
<i>FTT02-25</i>	<i>0.77</i>	<i>0.00</i>	<i>0.1175</i>	<i>0.0173</i>	<i>0.01214</i>	<i>0.00046</i>	<i>112.8 ± 16.6</i>		<i>77.8 ± 3.0</i>		<i>D</i>
FTT02-26	0.92	0.00	0.0727	0.0064	0.01095	0.00024	71.2 ± 6.2		70.2 ± 1.6		C
FTT02-27	0.55	0.00	0.0702	0.0069	0.01076	0.00026	68.9 ± 6.8		69.0 ± 1.7		C
FTT02-28	0.48	0.00	0.0769	0.0055	0.01101	0.00022	75.2 ± 5.4		70.6 ± 1.4		C
FTT02-29	0.99	0.00	0.0777	0.0064	0.01096	0.00024	75.9 ± 6.2		70.3 ± 1.5		C
<i>FTT02-30</i>	<i>1.20</i>	<i>0.00</i>	<i>0.0334</i>	<i>0.0112</i>	<i>0.01008</i>	<i>0.00049</i>	<i>33.4 ± 11.2</i>		<i>64.7 ± 3.1</i>		<i>IC</i>
FTT02-31	1.49	0.00	0.0695	0.0052	0.01112	0.00022	68.2 ± 5.1		71.3 ± 1.4		C
<i>FTT02-32</i>	<i>0.81</i>	<i>0.00</i>	<i>0.0488</i>	<i>0.0091</i>	<i>0.01006</i>	<i>0.00036</i>	<i>48.3 ± 9.0</i>		<i>64.6 ± 2.3</i>		<i>IC</i>

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No.	Th/U	$^{206}\text{Pb}/^{238}\text{U}$ (%)	$^{207}\text{Pb}/^{235}\text{U}$	Error 2SD	$^{206}\text{Pb}/^{238}\text{U}$	Error 2SD	$^{235}\text{U}-^{207}\text{Pb}$ (Ma)	Error 2SD	$^{238}\text{U}-^{206}\text{Pb}$ (Ma)	Error 2SD	Remarks
91500-01	0.32	0.74	1.8370	0.1167	0.17554	0.00362	1058.7 ± 67.3		1042.6 ± 21.5		C
91500-02	0.33	0.11	1.7256	0.1100	0.18202	0.00381	1018.1 ± 64.9		1078.0 ± 22.6		D
91500-03	0.34	0.00	1.9146	0.1177	0.17706	0.00426	1086.1 ± 66.8		1050.9 ± 25.3		C
91500-04	0.34	0.00	1.8260	0.1106	0.17869	0.00357	1054.8 ± 63.9		1059.8 ± 21.2		C
OD-3-01	0.99	0.00	0.0187	0.0072	0.00502	0.00026	18.8 ± 7.2		32.3 ± 1.7		D
OD-3-02	0.80	0.00	0.0438	0.0131	0.00514	0.00034	43.5 ± 13.0		33.1 ± 2.2		C
OD-3-03	0.89	0.00	0.0364	0.0100	0.00515	0.00029	36.3 ± 10.0		33.1 ± 1.8		C
OD-3-04	1.38	0.00	0.0445	0.0059	0.00515	0.00017	44.2 ± 5.9		33.1 ± 1.1		D

FUT01 Welded tuff											
No.	Th/U	²⁰⁶ Pbc (%)	²⁰⁷ Pb/ ²³⁵ U	Error 2SD	²⁰⁶ Pb/ ²³⁸ U	Error 2SD	²³⁵ U- ²⁰⁷ Pb (Ma)	Error 2SD	²³⁸ U- ²⁰⁶ Pb (Ma)	Error 2SD	Remarks
FUT01-01	0.57	0.00	0.0664	0.0154	0.01103	0.00051	65.2 ± 15.2		70.7 ± 3.3		C
FUT01-02	0.53	3.98	0.1057	0.0186	0.01078	0.00048	102.0 ± 18.0		69.1 ± 3.1		D
FUT01-03	0.52	2.28	0.0815	0.0146	0.01084	0.00044	79.5 ± 14.2		69.5 ± 2.8		C
FUT01-04	0.41	0.37	0.0730	0.0075	0.01106	0.00027	71.6 ± 7.3		70.9 ± 1.7		C
FUT01-05	0.54	9.71	0.0756	0.0090	0.00984	0.00028	74.0 ± 8.8		63.1 ± 1.8		IC
FUT01-06	0.46	4.04	0.0768	0.0145	0.01114	0.00046	75.1 ± 14.2		71.4 ± 2.9		C
FUT01-07	0.62	0.00	0.0909	0.0189	0.01621	0.00066	88.4 ± 18.4		103.7 ± 4.2		D
FUT01-08	0.59	0.00	0.0893	0.0133	0.01434	0.00046	86.9 ± 13.0		91.8 ± 3.0		C
FUT01-09	0.46	2.12	0.0832	0.0171	0.01064	0.00052	81.2 ± 16.7		68.2 ± 3.3		C
FUT01-10	0.47	0.00	0.0722	0.0161	0.01088	0.00053	70.8 ± 15.8		69.8 ± 3.4		C
FUT01-11	0.49	0.00	0.1141	0.0221	0.01227	0.00061	109.7 ± 21.3		78.6 ± 3.9		IC
FUT01-12	0.60	0.00	0.0708	0.0140	0.01108	0.00048	69.4 ± 13.7		71.0 ± 3.1		C
FUT01-13	0.77	6.98	0.1465	0.0265	0.00977	0.00055	138.8 ± 25.1		62.7 ± 3.5		IC
FUT01-14	0.59	0.00	0.0965	0.0103	0.00983	0.00031	93.5 ± 10.0		63.1 ± 2.0		D
FUT01-15	0.48	10.31	0.1185	0.0336	0.01091	0.00081	113.7 ± 32.3		70.0 ± 5.2		IC
FUT01-16	0.40	14.26	0.1128	0.0285	0.01140	0.00073	108.5 ± 27.4		73.1 ± 4.7		IC
FUT01-17	0.53	3.86	0.1375	0.0204	0.01303	0.00049	130.8 ± 19.4		83.4 ± 3.1		D
FUT01-18	0.55	0.00	0.0925	0.0189	0.01143	0.00052	89.8 ± 18.3		73.3 ± 3.3		C
FUT01-19	0.58	9.33	0.1182	0.0190	0.00974	0.00042	113.4 ± 18.3		62.5 ± 2.7		IC
FUT01-20	0.50	0.00	0.1903	0.0269	0.01097	0.00048	176.9 ± 25.0		70.3 ± 3.1		D
FUT01-21	0.54	0.00	0.0711	0.0079	0.01094	0.00026	69.8 ± 7.7		70.1 ± 1.6		C
FUT01-22	0.83	6.30	0.1421	0.0225	0.01139	0.00049	134.9 ± 21.4		73.0 ± 3.1		IC
FUT01-23	0.42	3.19	0.1058	0.0190	0.01109	0.00048	102.2 ± 18.4		71.1 ± 3.1		D
FUT01-24	0.51	0.00	0.0658	0.0146	0.01090	0.00047	64.7 ± 14.4		69.9 ± 3.0		C
FUT01-25	0.61	2.12	0.0678	0.0049	0.01075	0.00021	66.6 ± 4.8		68.9 ± 1.3		C
FUT01-26	0.47	7.26	0.0963	0.0163	0.01171	0.00047	93.4 ± 15.8		75.0 ± 3.0		IC
FUT01-27	0.38	2.03	0.1064	0.0130	0.01220	0.00038	102.7 ± 12.5		78.2 ± 2.4		D
FUT01-28	0.36	2.30	0.0885	0.0144	0.01114	0.00043	86.1 ± 14.1		71.4 ± 2.7		C
FUT01-29	0.39	0.00	0.0687	0.0094	0.01113	0.00034	67.5 ± 9.3		71.3 ± 2.2		C
FUT01-30	0.27	0.00	0.0664	0.0146	0.01103	0.00049	65.3 ± 14.4		70.7 ± 3.1		C
FUT01-31	0.58	6.98	0.0480	0.0120	0.01081	0.00047	47.6 ± 11.9		69.3 ± 3.0		IC
FUT01-32	0.29	0.56	2.7943	0.0961	0.18146	0.00290	1354.0 ± 46.6		1074.9 ± 17.2		R
FUT01-33	0.44	5.53	0.1049	0.0177	0.01271	0.00050	101.3 ± 17.1		81.4 ± 3.2		IC
FUT01-34	1.04	0.00	0.0835	0.0115	0.01078	0.00034	81.5 ± 11.2		69.1 ± 2.2		C
FUT01-35	0.63	0.79	0.0743	0.0073	0.01106	0.00025	72.7 ± 7.1		70.9 ± 1.6		C

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No.	Th/U	^{206}Pb (%)	$^{207}\text{Pb}/^{235}\text{U}$	Error 2SD	$^{206}\text{Pb}/^{238}\text{U}$	Error 2SD	$^{235}\text{U}-^{207}\text{Pb}$ (Ma)	Error 2SD	$^{238}\text{U}-^{206}\text{Pb}$ (Ma)	Error 2SD	Remarks
FUT01-36	0.42	0.00	0.0715	0.0068	0.01113	0.00024	70.1 ± 6.7		71.4 ± 1.5		C
FUT01-37	0.39	0.00	0.0762	0.0203	0.01236	0.00065	74.5 ± 19.8		79.2 ± 4.1		C
<i>FUT01-38</i>	<i>0.52</i>	<i>1.53</i>	<i>0.1231</i>	<i>0.0222</i>	<i>0.01175</i>	<i>0.00054</i>	<i>117.9 ± 21.3</i>		<i>75.3 ± 3.5</i>		<i>D</i>
FUT01-39	0.41	0.00	0.0828	0.0155	0.01101	0.00046	80.8 ± 15.1		70.6 ± 2.9		C
FUT01-40	0.69	0.00	0.0878	0.0197	0.01163	0.00057	85.4 ± 19.2		74.6 ± 3.7		C
<i>FUT01-41</i>	<i>0.48</i>	<i>8.87</i>	<i>0.0985</i>	<i>0.0180</i>	<i>0.01160</i>	<i>0.00052</i>	<i>95.4 ± 17.5</i>		<i>74.4 ± 3.3</i>		<i>IC</i>
<i>FUT01-42</i>	<i>0.38</i>	<i>1.09</i>	<i>0.3502</i>	<i>0.0314</i>	<i>0.01172</i>	<i>0.00043</i>	<i>304.8 ± 27.3</i>		<i>75.1 ± 2.8</i>		<i>D</i>
<i>FUT01-43</i>	<i>0.48</i>	<i>0.00</i>	<i>0.0990</i>	<i>0.0207</i>	<i>0.01123</i>	<i>0.00057</i>	<i>95.8 ± 20.0</i>		<i>72.0 ± 3.7</i>		<i>IC</i>
FUT01-44	0.49	0.00	0.0686	0.0069	0.01060	0.00027	67.4 ± 6.8		68.0 ± 1.7		C
<i>FUT01-45</i>	<i>0.51</i>	<i>10.21</i>	<i>0.0988</i>	<i>0.0160</i>	<i>0.01100</i>	<i>0.00045</i>	<i>95.7 ± 15.4</i>		<i>70.5 ± 2.9</i>		<i>IC</i>
<i>FUT01-46</i>	<i>0.57</i>	<i>7.61</i>	<i>0.1085</i>	<i>0.0166</i>	<i>0.01292</i>	<i>0.00049</i>	<i>104.6 ± 16.0</i>		<i>82.8 ± 3.2</i>		<i>IC</i>
FUT01-47	0.43	0.00	0.0711	0.0158	0.01189	0.00054	69.7 ± 15.5		76.2 ± 3.5		C
FUT01-48	0.45	1.59	0.0889	0.0143	0.01134	0.00044	86.5 ± 13.9		72.7 ± 2.8		C
915000-01	0.34	0.44	1.9088	0.1412	0.18369	0.00428	1084.1 ± 80.2		1087.1 ± 25.3		C
915000-02	0.34	0.00	1.9314	0.1503	0.18645	0.00500	1092.0 ± 85.0		1102.1 ± 29.6		C
915000-03	0.34	0.00	1.9559	0.1401	0.17653	0.00347	1100.4 ± 78.8		1048.0 ± 20.6		C
915000-04	0.34	0.00	1.9429	0.1444	0.17792	0.00412	1096.0 ± 81.5		1055.6 ± 24.5		C
915000-05	0.33	0.70	1.8355	0.1369	0.17867	0.00378	1058.2 ± 78.9		1059.7 ± 22.4		C
<i>915000-06</i>	<i>0.34</i>	<i>2.11</i>	<i>1.6951</i>	<i>0.1371</i>	<i>0.18496</i>	<i>0.00458</i>	<i>1006.7 ± 81.4</i>		<i>1094.0 ± 27.1</i>		<i>D</i>
OD-3-01	1.17	0.00	0.0336	0.0078	0.00525	0.00025	33.6 ± 7.8		33.8 ± 1.6		C
OD-3-02	1.18	4.43	0.0356	0.0079	0.00528	0.00026	35.5 ± 7.9		34.0 ± 1.7		C
OD-3-03	1.34	4.68	0.0356	0.0067	0.00544	0.00021	35.5 ± 6.7		35.0 ± 1.3		C
OD-3-04	0.83	0.00	0.0360	0.0113	0.00544	0.00034	35.9 ± 11.2		34.9 ± 2.2		C
OD-3-05	1.20	0.00	0.0347	0.0081	0.00498	0.00025	34.6 ± 8.1		32.0 ± 1.6		C
<i>OD-3-06</i>	<i>1.19</i>	<i>2.45</i>	<i>0.0887</i>	<i>0.0139</i>	<i>0.00508</i>	<i>0.00026</i>	<i>86.3 ± 13.5</i>		<i>32.6 ± 1.6</i>		<i>D</i>

FUT02 Rhyolitic tuff											
No.	Th/U	²⁰⁶ Pbc (%)	²⁰⁷ Pb/ ²³⁵ U	Error 2SD	²⁰⁶ Pb/ ²³⁸ U	Error 2SD	²³⁵ U- ²⁰⁷ Pb (Ma)	Error 2SD	²³⁸ U- ²⁰⁶ Pb (Ma)	Error 2SD	Remarks
FUT02-01	0.52	18.91	0.0726	0.0225	0.01127	0.00071	71.1 ± 22.1		72.2 ± 4.6		IC
FUT02-02	0.62	0.00	0.0778	0.0065	0.01247	0.00024	76.1 ± 6.3		79.9 ± 1.6		C
FUT02-03	0.51	0.00	0.0828	0.0182	0.01137	0.00055	80.8 ± 17.7		72.9 ± 3.5		C
FUT02-04	0.54	0.00	0.0692	0.0208	0.01128	0.00068	68.0 ± 20.4		72.3 ± 4.3		C
FUT02-05	0.55	0.00	0.0788	0.0206	0.01143	0.00064	77.0 ± 20.1		73.2 ± 4.1		C
FUT02-06	0.59	15.96	0.0765	0.0154	0.01179	0.00050	75.5 ± 3.2		74.8 ± 15.0		IC
FUT02-07	0.53	0.00	0.0516	0.0210	0.01295	0.00084	51.0 ± 20.8		83.0 ± 5.4		D
FUT02-08	0.80	6.83	0.1060	0.0167	0.01108	0.00044	102.3 ± 16.1		71.0 ± 2.8		IC
FUT02-09	0.77	0.00	0.0384	0.0133	0.01154	0.00057	38.3 ± 13.3		74.0 ± 3.6		IC
FUT02-10	0.66	0.00	0.0710	0.0195	0.01201	0.00063	69.6 ± 19.1		77.0 ± 4.0		C
FUT02-11	0.53	15.49	0.0958	0.0245	0.01136	0.00065	92.9 ± 23.7		72.8 ± 4.2		IC
FUT02-12	0.63	7.07	0.0922	0.0176	0.01179	0.00050	89.6 ± 17.1		75.6 ± 3.2		IC
FUT02-13	0.53	37.53	0.2313	0.0369	0.01154	0.00061	211.3 ± 33.7		74.0 ± 3.9		R
FUT02-14	0.72	7.97	0.1195	0.0259	0.01147	0.00062	114.6 ± 24.9		73.5 ± 4.0		IC
FUT02-15	0.74	25.99	0.3135	0.0405	0.01170	0.00056	276.9 ± 35.8		75.0 ± 3.6		R
FUT02-16	0.56	0.58	0.1125	0.0162	0.01236	0.00043	108.3 ± 15.6		79.2 ± 2.7		D
FUT02-17	0.78	14.08	0.1206	0.0234	0.01194	0.00062	115.6 ± 22.4		76.5 ± 4.0		IC
FUT02-18	0.52	8.63	0.2992	0.0535	0.01246	0.00082	265.8 ± 47.5		79.8 ± 5.3		IC
FUT02-19	0.62	0.17	0.0825	0.0205	0.01213	0.00067	80.5 ± 20.0		77.7 ± 4.3		C
FUT02-20	0.67	0.00	0.0612	0.0183	0.01210	0.00069	60.3 ± 18.0		77.5 ± 4.4		C
FUT02-21	0.81	7.96	0.1178	0.0245	0.01222	0.00066	113.1 ± 23.5		78.3 ± 4.2		IC
FUT02-22	0.30	0.00	0.0719	0.0076	0.01073	0.00032	70.5 ± 7.5		68.8 ± 2.1		C
FUT02-23	0.79	0.00	0.0825	0.0158	0.01104	0.00051	80.5 ± 15.4		70.8 ± 3.3		C
FUT02-24	0.57	0.00	0.0679	0.0168	0.01115	0.00059	66.7 ± 16.5		71.5 ± 3.8		C
FUT02-25	0.63	6.37	0.1119	0.0164	0.01183	0.00045	107.7 ± 15.8		75.8 ± 2.9		R
FUT02-26	0.45	5.98	0.1202	0.0183	0.01247	0.00050	115.2 ± 17.5		79.9 ± 3.2		IC
FUT02-27	0.53	46.68	0.1102	0.0245	0.01147	0.00065	106.2 ± 23.6		73.5 ± 4.1		R
FUT02-28	0.77	11.42	0.1686	0.0280	0.01215	0.00060	158.2 ± 26.3		77.8 ± 3.9		IC
FUT02-29	0.63	18.44	0.0945	0.0180	0.01143	0.00052	91.7 ± 17.5		73.3 ± 3.4		IC
FUT02-30	0.50	0.90	0.1037	0.0096	0.01367	0.00034	100.2 ± 9.3		87.5 ± 2.2		D
FUT02-31	0.33	23.85	0.1526	0.0259	0.01243	0.00060	144.2 ± 24.4		79.6 ± 3.8		IC
FUT02-32	0.59	0.00	0.0783	0.0158	0.01097	0.00050	76.6 ± 15.4		70.3 ± 3.2		C
FUT02-33	0.57	49.69	0.0696	0.0239	0.01033	0.00071	117.8 ± 30.3		66.2 ± 4.6		R
FUT02-34	0.35	0.36	0.0732	0.0089	0.01193	0.00036	71.8 ± 8.7		76.4 ± 2.3		C
FUT02-35	0.76	4.21	0.0768	0.0208	0.01194	0.00066	75.1 ± 20.3		76.5 ± 4.3		C

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No.	Th/U	²⁰⁶ Pbc (%)	²⁰⁷ Pb/ ²³⁵ U	Error 2SD	²⁰⁶ Pb/ ²³⁸ U	Error 2SD	²³⁵ U- ²⁰⁷ Pb (Ma)	Error 2SD	²³⁸ U- ²⁰⁶ Pb (Ma)	Error 2SD	Remarks
FUT02-36	0.71	6.51	0.0696	0.0167	0.01094	0.00055	98.5 ± 19.6		70.2 ± 3.5		IC
FUT02-37	0.73	0.00	0.0811	0.0141	0.01214	0.00048	79.2 ± 13.8		77.8 ± 3.1		C
FUT02-38	0.48	2.26	0.0649	0.0177	0.01260	0.00064	63.8 ± 17.4		80.7 ± 4.1		C
FUT02-39	0.45	60.85	0.1306	0.0625	0.01259	0.00137	124.7 ± 59.7		80.6 ± 8.8		IC
FUT02-40	0.55	0.00	0.0936	0.0266	0.01221	0.00076	90.8 ± 25.9		78.2 ± 4.9		C
FUT02-41	0.56	0.00	0.0591	0.0252	0.01223	0.00089	58.3 ± 24.8		78.4 ± 5.7		C
FUT02-42	0.84	0.00	0.0893	0.0206	0.01293	0.00064	86.9 ± 20.0		82.8 ± 4.1		C
FUT02-43	0.52	0.00	0.0920	0.0260	0.01081	0.00070	89.4 ± 25.2		69.3 ± 4.5		C
FUT02-44	2.74	235.00	864.2523	789.2275	5.52120	3.38955	6867 ± 6271		12087 ± 7421		R
FUT02-45	0.53	22.48	0.1129	0.0298	0.01144	0.00074	108.6 ± 28.7		73.4 ± 4.8		IC
FUT02-46	0.63	26.67	0.1210	0.0323	0.01244	0.00081	116.0 ± 31.0		79.7 ± 5.2		IC
FUT02-47	0.67	2.25	0.0851	0.0115	0.01292	0.00039	83.0 ± 11.2		82.7 ± 2.5		C
FUT02-48	0.52	0.00	0.0863	0.0232	0.01214	0.00070	84.1 ± 22.6		77.8 ± 4.5		C
91500-01	0.34	0.00	1.8218	0.1409	0.17811	0.00406	1053.3 ± 81.5		1056.6 ± 24.1		C
91500-02	0.34	0.00	1.7852	0.1353	0.17672	0.00372	1040.1 ± 78.8		1049.0 ± 22.1		C
91500-03	0.35	1.48	1.8413	0.1423	0.17834	0.00501	1060.3 ± 82.0		1057.9 ± 29.7		C
91500-04	0.35	1.20	1.9425	0.1391	0.17834	0.00416	1095.8 ± 78.4		1057.9 ± 24.6		C
91500-05	0.35	0.00	1.8849	0.1428	0.18608	0.00482	1075.8 ± 81.5		1100.1 ± 28.5		C
91500-06	0.34	0.00	1.9022	0.1397	0.17994	0.00407	1081.8 ± 79.5		1066.6 ± 24.1		C
OD-3-01	0.94	0.00	0.0387	0.0110	0.00546	0.00033	38.5 ± 11.0		35.1 ± 2.1		C
OD-3-02	1.31	0.00	0.0343	0.0072	0.00545	0.00025	34.2 ± 7.1		35.0 ± 1.6		C
OD-3-03	1.34	0.00	0.0367	0.0070	0.00543	0.00023	36.6 ± 7.0		34.9 ± 1.5		C
OD-3-04	1.31	0.00	0.0358	0.0091	0.00524	0.00028	35.7 ± 9.1		33.7 ± 1.8		C
OD-3-05	1.04	0.00	0.0285	0.0082	0.00565	0.00029	28.5 ± 8.2		36.3 ± 1.8		C
OD-3-06	1.30	0.00	0.0418	0.0081	0.00513	0.00024	41.6 ± 8.0		33.0 ± 1.5		C