### Torlesse and Greenland Group data tables.

#### Amounts of 39Ar are x 10^{12} cc STP

**Torlesse Terane**

\[ J = 0.006404 \]

<table>
<thead>
<tr>
<th>Sample</th>
<th>40Ar/39Ar</th>
<th>38Ar/39Ar</th>
<th>37Ar/39Ar</th>
<th>36Ar/39Ar</th>
<th>39Ar</th>
<th>40Ar* / 39Ar</th>
<th>Age (Ma)</th>
<th>±</th>
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<tr>
<td>PP1 bi. 1</td>
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<td>0.002</td>
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\[ J = 0.006406 \]

**OTQ1(R19578) Otaki River**

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<th>Age (Ma)</th>
<th>±</th>
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\[ J = 0.006401 \text{ for mu.}, J = 0.006416 \text{ for bi.} \]

**SIX47(R17754) Arthurs Pass**

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### ONGQ1 (R17015) Ngauranga Gorge

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<th>37Ar/39Ar</th>
<th>36Ar/39Ar</th>
<th>39Ar</th>
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<td>21.74 ± 235 ± 4</td>
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<td>0.021</td>
<td>0.002</td>
<td>19.0</td>
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<td>0.021</td>
<td>0.007</td>
<td>0.000</td>
<td>27.6</td>
<td>24.13 ± 259 ± 4</td>
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<td>-0.006</td>
<td>0.000</td>
<td>16.1</td>
<td>41.91 ± 429 ± 7</td>
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### HERM3 (R19526) Hermitage; Mt Cook

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<th>38Ar/39Ar</th>
<th>37Ar/39Ar</th>
<th>36Ar/39Ar</th>
<th>39Ar</th>
<th>40Ar*/39Ar Age (Ma) ±</th>
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<td>25.46</td>
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<td>0.021</td>
<td>0.003</td>
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<td>24.59 ± 264 ± 6</td>
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<td>0.042</td>
<td>0.055</td>
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<td>0.001</td>
<td>34.1</td>
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<td>0.001</td>
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<td>0.000</td>
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<td>0.036</td>
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### BKR3 (R19043) Broken River

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### KPT38(R14640) Kapti Island

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### AV1 (R17154) Lake Aviemore

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J = 0.006408  UHU10(R19316) Upper Hutt

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<th>36Ar/39Ar</th>
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J = 0.006403  KAK42(R19487) Kakahu River

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J = 0.006405  CI38(R15533) Matarakau; Chatham Is.

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Greenland Group

J = 0.006404  JB1(R15385) Jackson Bay

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Note: No. in brackets is IGNS catalogue number. Grid reference for NZ Map series
NZMS250 follows location. mu. = muscovite, bi. = biotite