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Title of article U-Th-Pb, Rb-Sr, and Ar-Ar mineral and whole-rock isotopic systematics in a metamorphosed granitic terrane, southeastern California

Author(s) E. DeWitt et al.

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### Table A.

- **Sample locations, rock types, and indicated analyses**
  - for minerals and whole rocks of the Mallon Hills

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Latitude and Longitude</th>
<th>Rock Type</th>
<th>Analyses*</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCP-1</td>
<td>35°23'12&quot; — 116°0'37&quot;</td>
<td>Foliate biotite-amphibole granite</td>
<td>1,2,3,4,5,6,8,9,10,11,12,13,14,15,16</td>
</tr>
<tr>
<td>PCP-2</td>
<td>35°22'6&quot; — 115°59'35&quot;</td>
<td>Foliate biotite-amphibole granite</td>
<td>1,2,3,4,5,6,10,13,14</td>
</tr>
<tr>
<td>PCP-3</td>
<td>35°21'46&quot; — 115°58'42&quot;</td>
<td>Foliate amphibole-biotite granodiorite</td>
<td>1,2,3,4,5,10,14</td>
</tr>
<tr>
<td>PCP-4</td>
<td>35°21'40&quot; — 115°58'42&quot;</td>
<td>Foliate amphibole-biotite granodiorite</td>
<td>15,16</td>
</tr>
<tr>
<td>PCP-5</td>
<td>35°22'27&quot; — 116°2'7&quot;</td>
<td>Foliate leucocratic adamellite</td>
<td>1,3,4,7,10</td>
</tr>
<tr>
<td>PCP-6</td>
<td>35°23'12&quot; — 116°4'26&quot;</td>
<td>Foliate biotite granodiorite</td>
<td>1</td>
</tr>
<tr>
<td>PCP-7</td>
<td>35°20'22&quot; — 115°58'19&quot;</td>
<td>Foliate biotite granodiorite</td>
<td>1</td>
</tr>
<tr>
<td>PCP-8</td>
<td>35°21'59&quot; — 115°59'39&quot;</td>
<td>Potassium feldspar-quartz-plagioclase alaskite</td>
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<td>PCP-9</td>
<td>35°17'47&quot; — 115°52'12&quot;</td>
<td>Foliate biotite-amphibole granite</td>
<td>1,6</td>
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<tr>
<td>PCP-10</td>
<td>35°21'18&quot; — 115°57'37&quot;</td>
<td>Foliate biotite-amphibole granite</td>
<td>15,16</td>
</tr>
<tr>
<td>PCP-11</td>
<td>35°23'13&quot; — 116°1'14&quot;</td>
<td>Foliate biotite-amphibole granite</td>
<td>15</td>
</tr>
<tr>
<td>PCP-12</td>
<td>35°13'22&quot; — 115°50'15&quot;</td>
<td>Foliate amphibole-biotite granite</td>
<td>16</td>
</tr>
<tr>
<td>PCP-13</td>
<td>35°25'18&quot; — 115°56'40&quot;</td>
<td>Foliate biotite granodiorite</td>
<td>15</td>
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<tr>
<td>PCM-1</td>
<td>35°21'27&quot; — 115°58'50&quot;</td>
<td>Hornblende-plagioclase amphibolite</td>
<td>16</td>
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<tr>
<td>PCI-1</td>
<td>35°12'1&quot; — 115°52'18&quot;</td>
<td>Biotite-plagioclase granodiorite(?)</td>
<td>15</td>
</tr>
<tr>
<td>MZP-1</td>
<td>35°24'52&quot; — 115°59'10&quot;</td>
<td>Biotite-hornblende Quartz monzonite</td>
<td>1,14,16</td>
</tr>
<tr>
<td>MZP-2</td>
<td>35°22'18&quot; — 115°50'36&quot;</td>
<td>Biotite-hornblende Quartz monzodiorite</td>
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<tr>
<td>MZP-3</td>
<td>35°21'52&quot; — 116°1'30&quot;</td>
<td>Hornblende-biotite quartz diorite</td>
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</tr>
<tr>
<td>MZP-10</td>
<td>35°34'30&quot; — 116°21'22&quot;</td>
<td>Hornblende-biotite quartz diorite</td>
<td>10,13,14</td>
</tr>
<tr>
<td>MZP-12</td>
<td>35°25'46&quot; — 116°6'32&quot;</td>
<td>Hornblende-biotite granodiorite</td>
<td>1</td>
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<td>MZP-18</td>
<td>35°25'37&quot; — 115°59'50&quot;</td>
<td>Muscovite-garnet adamellite</td>
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</tbody>
</table>

PCP = Proterozoic foliate plutonic rocks.

PCM = Proterozoic metamorphic rocks.

PCI = Other Proterozoic igneous rocks.

MZP = Mesozoic plutonic rocks.

* 1 = Rb-Sr Whole Rock  7 = Rb-Sr Sphene  13 = U-Th-Pb Sphene
  2 = Rb-Sr Apatite     8 = U-Th-Pb Whole Rock  14 = U-Th-Pb Zircon
  3 = Rb-Sr Plagioclase 9 = U-Th-Pb Apatite     15 = Ar-Ar Biotite
  4 = Rb-Sr K-Feldspar 10 = U-Th-Pb K-Feldspar 16 = Ar-Ar Amphibole
  5 = Rb-Sr Biotite     11 = U-Th-Pb Biotite   6 = Rb-Sr Amphibole