GEOLOGIC MAP OF THE NAVAJO LAKE 7.5' QUADRANGLE, KANE AND IRON COUNTIES, UTAH

by

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2004

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Table 1. Major trace element and isotope compositions of volcanic rocks of the Navajo Lake quadrangle, Utah.

<table>
<thead>
<tr>
<th>Trace element</th>
<th>Value (ppm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TiO2</td>
<td>0.513</td>
</tr>
<tr>
<td>Al2O3</td>
<td>12.03</td>
</tr>
<tr>
<td>Fe2O3</td>
<td>1.501</td>
</tr>
<tr>
<td>MgO</td>
<td>1.130</td>
</tr>
<tr>
<td>MnO</td>
<td>0.019</td>
</tr>
<tr>
<td>SiO2</td>
<td>72.84</td>
</tr>
<tr>
<td>K2O</td>
<td>5.870</td>
</tr>
<tr>
<td>Na2O</td>
<td>16.09</td>
</tr>
</tbody>
</table>

**MAP SYMBOLS**

- **Qbf1** - Old alluvial-terrace deposits (upper Pleistocene)
- **Qbf2** - Older alluvium (middle Pleistocene)
- **Qbd2** - Older alluvium (middle Pleistocene)
- **Qao** - Older alluvial-terrace deposits (upper Pleistocene)
- **Tbh** - Older alluvium (middle Pleistocene)
- **Qac** - Lacustrine gravel (Holocene and upper Pleistocene)
- **Qat2** - Peat (Holocene and upper Pleistocene)

**DESCRIPTION OF MAP UNITS**

- **Qbf1** - Overlap domes and lava flows, exposed in the Cogswell Point quadrangle.
- **Qbf2** - Overlap domes and lava flows, exposed only in the southwest corner of the quadrangle.
- **Qao** - Older alluvial-terrace deposits (upper Pleistocene)
- **Tbh** - Older alluvium (middle Pleistocene)
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**COLUMNAR SECTION OF MAP UNITS**

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