<table>
<thead>
<tr>
<th>Table 2</th>
<th>CHEMICAL ANALYSES OF GROUND WATER FROM WELLS, SPRINGS, AND MINES IN THE MORRISON FORMATION</th>
</tr>
</thead>
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<tr>
<td></td>
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<tr>
<td>Sample</td>
<td>Families from the Shinyara Basin sample number</td>
</tr>
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<tr>
<td>12/25/4/57</td>
<td></td>
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<tr>
<td>4/27/48</td>
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</tr>
<tr>
<td>12/15/50</td>
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<tr>
<td>4/18/51</td>
<td></td>
</tr>
<tr>
<td>10/7/52</td>
<td></td>
</tr>
</tbody>
</table>

- **Per cent, amount as a whole by dividing the amount of substance by total amount of substance and multiplying by 100.**
- **Dilutes 20 min.**
- **Dilutes 6 g. per min.**
- **Dilutes 35 g. per min.**
- **10 min.**
- **10 min.**
- **Dilutes 12 min.**
- **Dilutes 15 min.**
- **Dilutes 30 min.**
- **Dilutes 10 min.**
- **Dilutes 15 min.**
- **Dilutes 30 min.**
- **Dilutes 12 min.**
- **10 min.**

**Chemical Reagents**

- Sodium bicarbonate, sodium carbonate, sodium hydroxide, and sodium hydrogen carbonate.
- Potassium nitrate, potassium chloride, potassium bromide, potassium iodide, potassium nitrite, potassium nitrate.
- Hydrochloric acid, nitric acid, sulfuric acid, phosphoric acid, acetic acid, oxalic acid, and hydrofluoric acid.
- Chlorides, sulfates, carbonates, nitrates, and other compounds.

**Analytical Methods**


* Compiled by D. T. Elsberry.

**References**


**Notes**

- All samples were collected from springs, wells, and swales in the Morrison Formation.
- All samples were diluted with distilled water before analysis.
- All samples were analyzed for calcium, magnesium, sodium, and potassium by the methods described above.
- All samples were analyzed for chloride, nitrate, and sulfate by the methods described above.
- All samples were analyzed for iron, manganese, and copper by the methods described above.
- All samples were analyzed for other elements by the methods described above.

**Additional Information**

- All samples were collected from wells and springs in the Morrison Formation.
- All samples were analyzed for dissolved oxygen, pH, and alkalinity.
- All samples were analyzed for total dissolved solids.
- All samples were analyzed for other chemical constituents.

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  - D. T. Elsberry
  - J. D. Peckham
  - D. T. Elsberry

**References**