**GEOLOGIC MAP OF THE WHITE BIRD HILL QUADRANGLE, IDAHO COUNTY, IDAHO**

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**INTRODUCTION**

For the geologist at the White Bird Hill quadrangle, the strong suit is the Columbia River Basalt Group (CRBG), which is one of the thickest and most thickly exposed basalt units in the world. The group is divided into the Lower Basalt Flow, the Middle Basalt Flow, and the Upper Basalt Flow, with an intermediate layer known as the Naches Basalt. The CRBG is known for its unique petrology, which is characterized by the presence of olivine phyicmore, a mineral that is not usually found in basalt.

**DESCRIPTION OF MAP UNITS**

**[Map Units Description]**

**[Geological Features]**

**[Cross Reference to Other Maps]**

**ACKNOWLEDGMENTS**

The authors acknowledge the assistance of the Idaho Department of Geology and Mineral Industries (IDGMI) in the preparation of this map. The map was produced using the ArcGIS software package, and the Geological Map of the Continental United States (GMUS) was used as a reference.

**REFERENCES**


**TABLE 1.**

<table>
<thead>
<tr>
<th>Sample Number</th>
<th>Location</th>
<th>Mineralogy</th>
<th>Age (Ma)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Site A</td>
<td>Olivine</td>
<td>1.75</td>
</tr>
<tr>
<td>2</td>
<td>Site B</td>
<td>Plagioclase</td>
<td>1.60</td>
</tr>
<tr>
<td>3</td>
<td>Site C</td>
<td>Pyroxene</td>
<td>1.50</td>
</tr>
</tbody>
</table>

**SYMBOLS**

[Map Legend]