LETTER REPORT (ADDENDUM)

AN ENERGY-DISPERSIVE X-RAY FLUORESCENCE ANALYSIS OF OBSIDIAN ARTIFACTS FROM AZ T:4:392 (ASM), CENTRAL ARIZONA

26 May 2004

John Rapp
Logan Simpson Design, Inc.
51 West Third Street
Tempe, AZ 85281

Dear John,

Quite typical for sites of this time period, the artifacts were produced from Vulture and Government Mountain obsidian (Shackley 1995, 2005; Table 1 here).

The samples were analyzed with a Spectrace (ThermoNoran) QuanX EDXRF spectrometer in the Archaeological XRF Laboratory, University of California, Berkeley. Specific instrumental methods can be found at http://www.swxrflab.net/anlysis.htm, and Shackley (2005). Analysis of the USGS RGM-1 standard indicates high machine precision for the elements of interest (Govnidaraju 1994; Table 1 here).

Sincerely,

M. Steven Shackley, Ph.D.
Director

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http://www.swxrflab.net/
REFERENCES CITED

Govindaraju, K.

Shackley, M.S.


Table 1. Elemental concentrations for the archaeological sample. All measurements in parts per million (ppm).

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<thead>
<tr>
<th>Sample</th>
<th>Ti</th>
<th>Mn</th>
<th>Fe</th>
<th>Rb</th>
<th>Sr</th>
<th>Y</th>
<th>Zr</th>
<th>Nb</th>
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<td>8201</td>
<td>100</td>
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<td>52</td>
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