24 March 2015

Mary Prasciunas
Westland Resources, Inc.
4001 E Paradise Falls Drive
Tucson, AZ 85712

Dear Mary,

One of the obsidian artifacts was produced from the Superior (Picketpost Mountain) source, the source nearest these sites, and one from Sauceda Mountains in western Maricopa County, Arizona (Shackley 2005). Specific instrumental methods can be found at http://www.swxrflab.net/anlysis.htm, and Shackley (2005). Source assignment was made by comparison to source standard data in the laboratory. Analysis of the USGS RGM-1 standard indicates high machine precision for the elements of interest (Shackley 2011; Table 1 here).

Sincerely,

M. Steven Shackley, Ph.D.
Director

VOICE: 510-393-3931
INTERNET: shackley@berkeley.edu
http://www.swxrflab.net/
REFERENCES CITED


Table 1. Elemental concentrations for the archaeological samples and USGS RGM-1 obsidian standard. All measurements in parts per million (ppm).

<table>
<thead>
<tr>
<th>Site/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>
<th>Pb</th>
<th>Th</th>
<th>Source</th>
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<td>16418</td>
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<td>Sauceda Mtns</td>
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