

UTAH OBSIDIAN SOURCES

MODENA

ALTERNATE NAMES: Dry Valley, Panaca, Panca Summit, Piñon Point.

LOCATION - COUNTY: Iron (Utah), Lincoln (Nevada).

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REFERENCES

Beck, Charlotte and George T. Jones

1994 Dating Surface Assemblages Using Obsidian Hydration. In *Dating in Exposed and Surface Contexts*, edited by Charlotte Beck, pp. 47-76. University of New Mexico Press, Albuquerque, New Mexico.

2011 The Role of Mobility and Exchange in the Conveyance of Toolstone During the Great Basin Paleoarchaic. In *Perspectives on Prehistoric Trade and Exchange in California and the Great Basin*, edited by Richard E. Hughes, pp. 55-82. The University of Utah Press, Salt Lake City, Utah.

Curewitz, Diane C.

2001 High Elevation Land-Use on the Northern Wasatch Plateau, Manti-La Sal National Forest, Utah. *Journal of California and Great Basin Anthropology* 22:249-272.

Haarklau, Lynn, Lynn Johnson, David L. Wagner, Richard E. Hughes, Craig E. Skinner, Jennifer J. Thatcher, and Keith Myhrer

2005 *Fingerprints in the Great Basin: The Nellis Air Force Base Regional Sourcing Study*. Report prepared for Nellis Air Force Base by Prewitt and Associates, Inc., Austin, Texas.

Hauer, Craig

2005 *An Examination of Shifts in Archaic Mobility Patterns in the Central Great Basin*. Unpublished Master's Thesis, Department of Anthropology, California State University, Chico, California.

Hughes, Richard E.

1993 X-Ray Fluorescence Analysis of Samples from Test Excavations, GRBA 1992A. In *Archaeological Investigations at Great Basin National Park: Testing and Site Recording in Support of the General Management Plan*, by Susan J. Wells, pp. 115-119. Western Archaeological and Conservation Center, Tucson, Arizona.

Hull, Kathleen L.

1994 Obsidian Studies. In *Kern River Pipeline Cultural Resources Data Recovery Report: Utah, Volume I, Research Context and Data Analysis*, by Dames & Moore, pp. 7-1- 7-63. Report submitted to the Federal Energy Regulatory Commission, Washington, D. C., by Dames & Moore, Las Vegas, Nevada.

Jackson, Robert L., Amy Kovak, Jason Spidell, and Deidre Kennelly-Spidell

2009 *A Historic Context for Native American Procurement of Obsidian in the State of Utah*. Report prepared by Pacific Legacy, Inc., Cameron Park, California, for Logan Simpson Design, Inc., Salt Lake City, Utah.

Johnson, Lynn and Lynn Haarklau

2005 Results of the Regional Obsidian Projectile Point Sourcing Study. In *Fingerprints in the Great Basin: The Nellis Air Force Base Regional Sourcing Study*, by Lynn Haarklau et al., pp. 115-150. Report prepared for Nellis Air Force Base by Prewitt and Associates, Inc., Austin, Texas.

Jones, George T., Charlotte Beck, Eric E. Jones, and Richard E. Hughes

2003 Lithic Source Use and Paleoarchaic Foraging Territories in the Great Basin. *American Antiquity* 68: 5-38.

Lytle, Farrel W. and Nicholas E. Pingitore, Jr.

- 2002 Iron Valence in the Hydration Layer of Obsidian: Characterization by X-Ray Absorption Spectroscopy. *Microchemical Journal* 71:185-191.

Nelson, Fred W.

- 1984 X-ray Fluorescence Analysis of Some Western North American Obsidians. In *Obsidian Studies in the Great Basin*, edited by Richard E. Hughes, pp. 27-62. Contributions of the University of California Archaeological Research Facility Number 45, Berkeley, California.

Nelson, Fred W. and Richard D. Holmes

- 1979 Trace Element Analysis of Obsidian Sources and Artifacts from Western Utah. *Utah State Historical Society, Antiquities Section Selected Papers* 6(15):65-80.

Sappington, Robert L.

- 1981 A Progress Report on the Obsidian and Vitrophyre Sourcing Project. *Idaho Archaeologist* 4(4)4-17.

Shott, Michael J.

- 2015 Glass is Heavy, Too: Testing the Field-Processing Model at the Modena Obsidian Quarry, Lincoln County, Southeastern Nevada. *American Antiquity* 80:548-570.

Talbot, Richard K., Lane D. Richens, Michael T. Searcy, Eric H. Christiansen, and Scott M. Ure

- 2015 *Obsidian Crossroads: An Archaeological Investigation of the Panaca Summit/Modena Obsidian Source in Lincoln County, Nevada*. Museum of Peoples and Cultures Technical Series No. 15-1, Brigham Young University, Provo, Utah.

Umschler, Dennis B.

- 1975 *Source of the Evan's Mound Obsidian*. Unpublished Master's Thesis, New Mexico Institute of Mining and Technology, Socorro, New Mexico.

Weide, Davis B.

- 1973 Appendix III: The Geology and Geography of the Parowan and Cedar Valley Region, Iron County, Utah. In *Median Village and Fremont Culture Regional Variation*, by John P. Marwitt, pp. 173-193. University of Utah Anthropological Papers No. 95, Salt Lake City, Utah.