



# NORTHWEST RESEARCH OBSIDIAN STUDIES LABORATORY

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Since 1992, Northwest Research Obsidian Studies Laboratory (NWROSL) has provided analytical services for the trace element provenance studies of obsidian and fine-grained volcanic (FGV) artifacts, the measurement of obsidian hydration rims, and the geoarchaeological and geochemical investigation of obsidian sources. We own ThermoNoran QuanX EC and Spectrace 5000 energy-dispersive X-ray fluorescence (EDXRF) spectrometers and operate a longstanding and recently renovated obsidian hydration analysis laboratory. The laboratory holds an extensive collection of geologic obsidian source reference samples from the Far Western United States, Canada, Mexico, and the Western Mediterranean, and we maintain a very active source sampling and analysis research program. Our laboratory facilities are equipped with a 24-hour monitoring system that provides constant security for the artifact collections stored here for analysis.

*Northwest Research* has successfully completed well over 1,000 archaeological projects in the United States, Canada, Mexico, Pacific Islands, and Western Mediterranean. Laboratory and source information support is provided by our staff and through our comprehensive websites: [www.obsidianlab.com](http://www.obsidianlab.com) and [www.sourcecatalog.com](http://www.sourcecatalog.com).

## PRICE LIST AND DIRECTORY OF LABORATORY SERVICES

### XRF TRACE ELEMENT CHARACTERIZATION SERVICES

XRF Analysis and Source Identification: 1-5 samples	\$ 45 per sample
XRF Analysis and Source Identification: 6-50 samples	\$ 35 per sample
XRF Analysis and Source Identification: 51-100 samples	\$ 32 per sample
XRF Analysis and Source Identification: 101+ samples	\$ 30 per sample

### OBSIDIAN HYDRATION ANALYTICAL SERVICES

Obsidian Hydration Measurement: 1-5 samples	\$ 25 per sample
Obsidian Hydration Measurement: 6-50 samples	\$ 23 per sample
Obsidian Hydration Measurement: 51-100 samples	\$ 20 per sample
Obsidian Hydration Measurement: 101+ samples	\$ 18 per sample

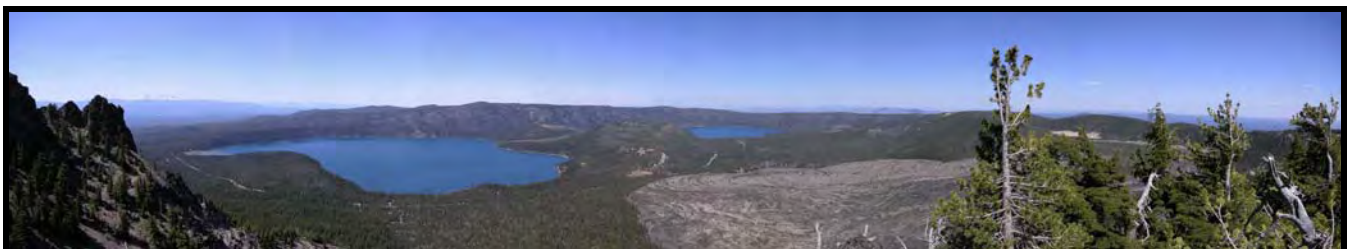
### OTHER SERVICES

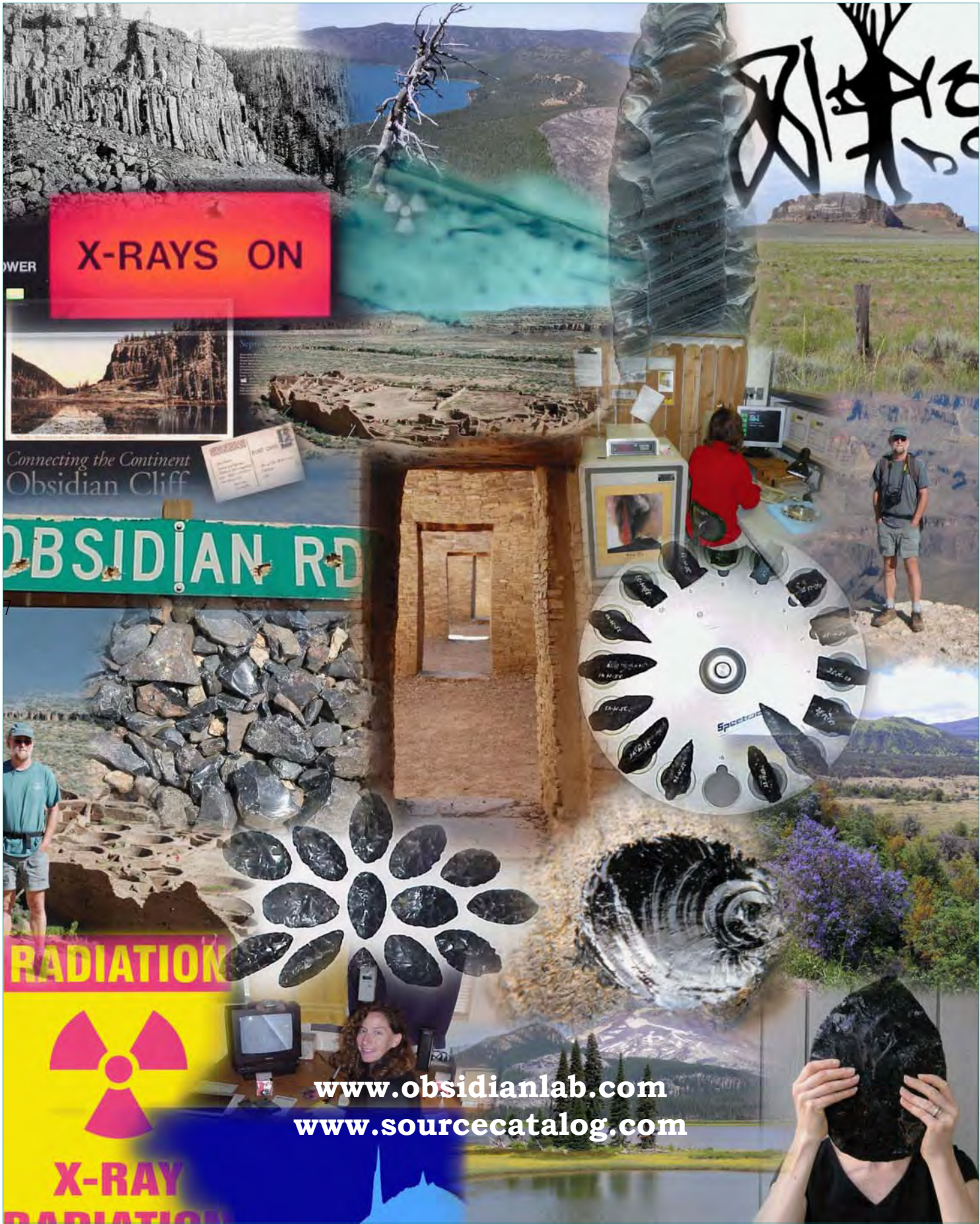
Basic Report (data tables + CD only)	Subtract 10 percent (- 10%)
Rapid Turnaround (2 weeks or less - contact us first)	Add 35 percent (+ 35%)
Overnight Delivery	\$ 35.00 and up
Other Services (source studies, GIS, etc.)	Call or see lab website for details

▪ All projects include a data CD and an electronic Adobe Acrobat copy of the final report or data tables ▪

LAST UPDATED: 1 MAR 2009

[WWW.OBSIDIANLAB.COM](http://WWW.OBSIDIANLAB.COM) ■ [WWW.SOURCECATALOG.COM](http://WWW.SOURCECATALOG.COM)





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