



# NORTHERN ARIZONA UNIVERSITY

## ANTHROPOLOGY LABORATORIES

## Deliverable Acceptance

<b>Sponsor Name</b>	National Park Service	<b>Deliverable #</b>	Task NAU-173
<b>Project Name</b>	<b>Navajo National Monument – Mapping Keet Seel Ruin</b>	<b>Date Submitted</b>	07/22/09
<b>Deliverable Name</b>	Year One – Western Mapping	<b>Date Reply Due</b>	

### Description:

#### **Products**

##### Task 1

- 1) Establish two to four permanent datums at each site
- 2) Establish and provide NAD83/WGS84 UTM coordinates and NAVD88 elevations for each datum

##### Task 2

- 1) Digital 3D TIN model (decimated to 2.5-5.0 cm) of scanned portions of cave and architecture (AutoCad 2004, 3ds-Max, or as designated by NPS)

- 2) Digital topographic model (5 or 10 cm) from scan data (AutoCad 2004, or as designated by NPS)

##### 3) 2D map products:

A) 3 - 11" x 17" (or as needed) color maps depicting Keet Seel showing location of prehistoric architecture and other features, modern trails and improvements, cave overhang, profiles, and various metric information (for mapping data acquired in FY04 effort).

B) 2 - 24" x 36" (or as needed) color inkjet plot of Keet Seel showing the results of detailed architectural mapping and topography (from FY04 effort).

- 4) Professional quality summary report on the results of the mapping project. This report will consist of not less than 25 double-spaced pages, along with accompanying graphics and digital files. Three printed copies and one electronic copy of the report will be provided to the Service.

### Project Sponsor Acceptance

Accepted By Wen Brennan Title Chief, SOFO CRD Date 7/24/09

### **Remarks:**