

Attachment 5

**PHASE I ARCHAEOLOGICAL INVESTIGATION OF A PORTION OF THE
STOUT TECHNOLOGY PARK, CITY OF MENOMONIE, DUNN COUNTY,
WISCONSIN**

Prepared by

**Robert J. Barth
1407 Frederic Street
Eau Claire, Wisconsin 54701**

Prepared for

**Cedar Corporation
604 Wilson Avenue
Menomonie, Wisconsin 54751**

July 2014

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ABSTRACT

On June 19, 2014, a Phase I archaeological investigation was conducted in a portion of the Stout Technology Park, City of Menomonie, Dunn County, Wisconsin. Pedestrian survey of the project area found no evidence of archaeological sites. It is therefore recommended that no further archaeological investigation be required.

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INTRODUCTION

The following report describes the results of a Phase I archaeological investigation of a portion of the Stout Technology Park, City of Menomonie, Dunn County, Wisconsin (Fig. 1). A total area of 74 acres was surveyed.

This investigation was commissioned by Cedar Corporation to determine whether any archaeological sites were located within the project limits. Dr. Robert J. Barth, Eau Claire, Wisconsin, served as the Principal Investigator. Fieldwork in the project area was conducted on June 19, 2014.

PHYSICAL SETTING

The project area is located along the eastern edge of the technology park, in the NW1/4 and SW1/4, NE1/4 and the NE1/4 and SE1/4, NW1/4, Section 30, T28N, R12W (Fig. 2). It is bordered on the north by USH 12/STH 29, on the west by Lookout Road, and on the south by 550th Avenue. The eastern boundary is formed by the city limits of Menomonie.

Like much of Dunn County, the project area lies within the Central Plain Geographical Province (Martin 1965, Paull and Paull 1977). This province is underlain by weak Cambrian sandstone, which is covered in Dunn County by older (pre-Wisconsin) drift (Martin 1965). The entire province is characterized by relatively low relief, although local relief varies considerably (Martin 1965:320). Elevations within the project area range from 880 to 960 feet MSL.

Soils within the project area belong to two soil associations. The Urne-Elkmound association covers most of the project area. This soil association is described as "Moderately steep to very steep, well-drained soils that have a loam and very fine sandy loam subsoil underlain by sandstone..." (Wing 1975:3). Soils in the northeast corner of the project area belong to the Dakota-Meridian-Shiffer association described as "Nearly level to sloping well-drained to somewhat poorly drained soils that have a loam or sandy loam subsoil underlain by sand or sand and gravel outwash..." (Wing 1975:3).

According to Finley (1976), the original vegetation cover of the project area consisted of a deciduous forest or oak openings dominated by white oak, black oak, and burr oak. Due to over a century of agricultural activity, however, none of the original vegetation remains today. At the time of this investigation, the project area was planted in soybeans.

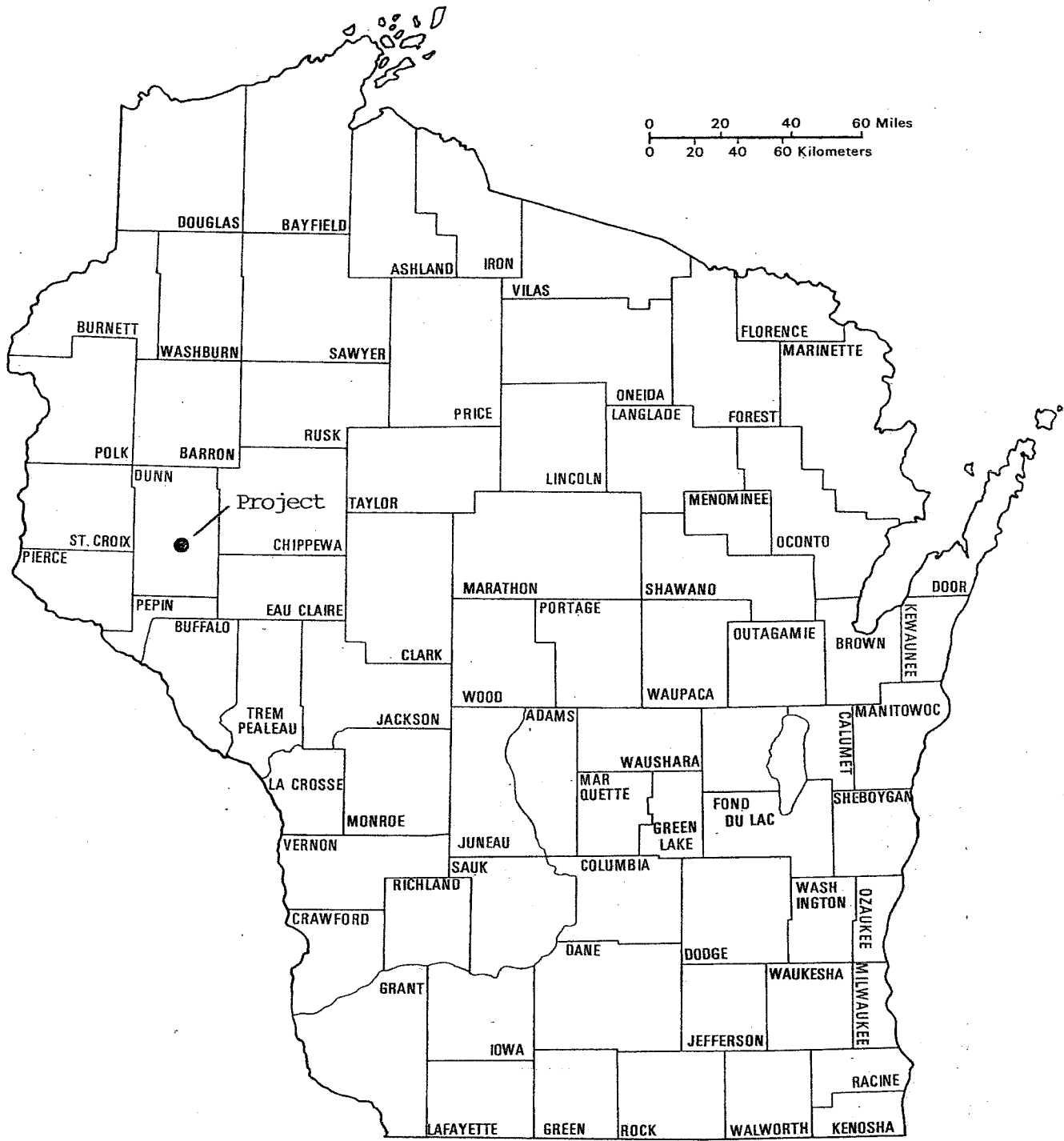


Figure 1. Location of the Project in Wisconsin.

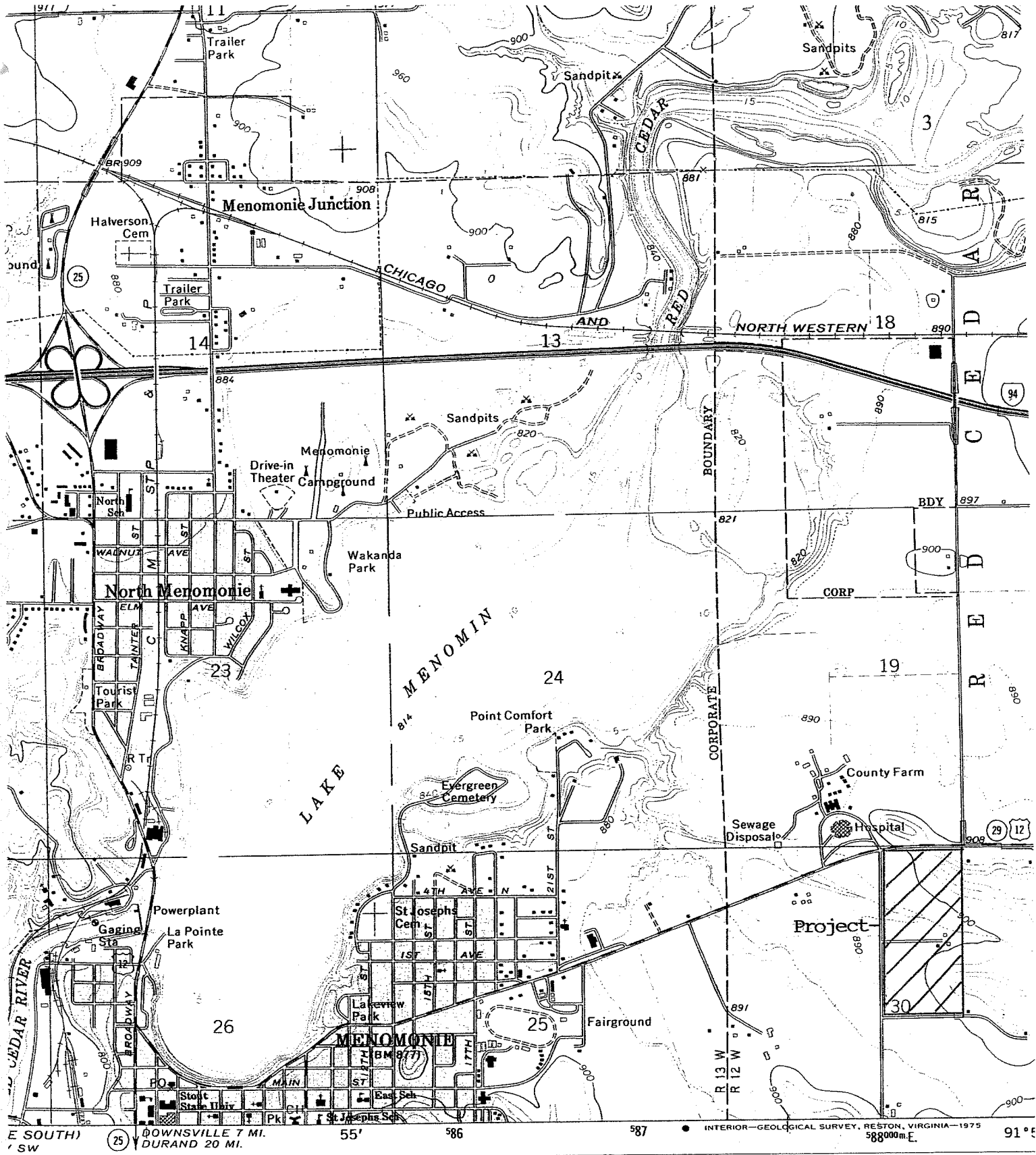


Figure 2. Topographic Map of the Project Area (From U.S.G.S. Menomonee North Quadrangle).

ARCHAEOLOGICAL CONTEXT

The initial component of the investigation was a records and archives search, conducted to determine if any archaeological sites had been reported in, or adjacent to, the project area. Sources consulted included: the Archaeological Site Inventory (ASI), the Burial Sites Inventory, the Bibliography of Archaeological Reports, Charles E. Brown manuscripts, regional archaeology summaries (Barth 1984, 1987, 1991), regional histories (Andreas 1881, Forrester 1891), and county atlases and plat books (C.M. Foote 1888, Webb Publishing Company 1915, The Kenyon Company, Inc. 1927, Cloud Cartographics, Inc. 1996).

Examination of these sources revealed that no reported sites were located within the project area. The Potters Field Cemetery, 47-BDN-0003, is located within approximately one mile of the project area. The plat books and the U.S.G.S. Quadrangle (Fig. 2) indicated that a residence and associated structures had once stood in the project area. These structures had been removed at some point prior to this investigation and the area in which they stood had been incorporated into the agricultural field.

METHODS

Due to the excellent surface visibility in the project area, pedestrian survey was the sole investigation technique employed. Survey transects were spaced at 10 meter intervals.

RESULTS

No archaeological materials were discovered during the course of the investigation.

RECOMMENDATIONS

Given the negative results of this survey, no additional archaeological investigation is recommended. It is always possible, however, that buried remains within the project area may have escaped detection. If such buried remains are encountered during earth moving activity, work should be halted *immediately* and one of the following offices should be contacted:

If archaeological materials are encountered, the Office of the State Archaeologist, 608/264-6495, should be notified.

If human remains are encountered, consultation can be obtained from the Burial Sites Preservation Office at 1-800/342-7834 or 608/264-6503.

REFERENCES CITED

Andreas, A.T., ed.

- 1881 *History of Northern Wisconsin*. The Western Historical Company, Chicago.

Barth, Robert J.

- 1984 Final Report of Regional Archaeology Project: Region 3 (1984). Copy on file at the Division of Historic Preservation, Wisconsin Historical Society, Madison.
- 1987 An Archaeological Survey of the Red Cedar River Valley. Copy on file at the Division of Historic Preservation, Wisconsin Historical Society, Madison.
- 1991 Regional Archaeology Program: Region 3 Final Report for 1990-1991. Copy on file at the Division of Historic Preservation, Wisconsin Historical Society, Madison.

Brown, Charles E.

- n.d. Manuscript Collection. Microfilm copy housed at the Special Collections and Archives, University of Wisconsin-Eau Claire.

Cloud Cartographics, Inc.

- 1996 *Official Plat Book of Dunn County, Wisconsin*. Cloud Cartographics, Inc. St. Cloud, Minnesota.

C.M. Foote

- 1888 *Plats of Chippewa, Barron & Dunn Counties, Wisconsin*. C.M. Foote & Co., Minneapolis.

Finley, Robert W.

- 1976 *Original Vegetation Cover of Wisconsin (Map)*. North Central Forest Experiment Station, Forest Service, U.S. Department of Agriculture, St. Paul.

Forrester, George,

- 1891 *Historical and Biographical Album of the Chippewa Valley*. A. Warner, Chicago.

The Kenyon Company, Inc.

- 1927 *Atlas and Plat Book, Dunn County, Wisconsin*. The Kenyon Company, Inc., Des Moines, Iowa.

Martin, Lawrence

- 1968 *The Physical Geography of Wisconsin*, 3rd edition. The University of Wisconsin Press, Madison.

Paull, Rachael Krebs and Richard A. Paull

- 1977 *Geology of Wisconsin and Upper Michigan-Including Parts of Adjacent States*. Kendall/Hunt, Dubuque, Iowa.

Webb Publishing Company

- 1915 *Atlas and Farm Directory, Dunn County, Wisconsin*. Webb Publishing Company, St. Paul.

Wing, Gordon N.

- 1975 *Soil Survey of Dunn County, Wisconsin*. U.S. Department of Agriculture, Soil Conservation Service, Washington, D.C.

APPENDIX

Wisconsin Public Lands Field Archaeological Permit

Archaeological Reports Inventory Form

WISCONSIN PUBLIC LANDS FIELD ARCHAEOLOGICAL PERMIT, 2014
REQUIRED TO CONDUCT ARCHAEOLOGY ON ALL NON-FEDERAL PUBLIC LAND UNDER WIS. STAT. § 44.47
Wisconsin Historical Society

RECEIVED

Name/Organization/Contact Robert Barth Telephone (715) 839-9265 JUN 12 2014

Address 1407 Frederic Street City Eau Claire State WI Zip 54701 CIVIL HIST PRI

E-mail Address rjbarth@yahoo.com FAX# N/A

Institutional Affiliation _____ Occupation Professor

Location of work: _____

Highway: Hwy/Rd _____ County _____

Project Begin: _____ Project End: _____

Other Projects: County Dunn Civil Town City of Menomonie Town 28 Range 12 Section 30

Quarter Sections (minimum 3) NW and SW, NE and NE and SE, NW

Name of Park, Wildlife Area _____ Site Name: _____ Site Number _____

Type of fieldwork: Phase I/Survey Phase II/Testing _____ Phase III/Excavation _____ Other _____

Purpose of the fieldwork: Federal Compliance _____ State Compliance _____ Education _____ Other

Period of field work beginning on June 12, 2014 and ending on June 30, 2014

What institution will curate recovered artifacts, notes, and records? Mississippi Valley Archaeology Center *JB*
(Curation agreement must be on file with WHS)

Signature of Archaeologist Robert Barth Date 6/5/14

Print name Robert Barth continuation sheet or see attachments

Maps and/or Letters of explanation can accompany this application

Landowner or custodian name (print) Lowell Prange Phone 715-832-2187

Signature of Landowner Lowell Prange, City Admin. Date June 9, 2014

DO NOT WRITE BELOW THIS LINE

Permit Approved John H. Broihahn Date 13 June 2014

PLP # 14-064
John H. Broihahn
State Archaeologist
Wisconsin Historical Society
FAX: 608-264-6504 / PH 608-264-6496
Email: john.broihahn@wisconsinhistory.org

- Conditions:
- 1) Two copies of the final report must be submitted to the Division of Historic Preservation – Public History.
 - 2) All artifacts, notes and records must be curated in an appropriate facility that is staffed by trained personnel.

Additional authorization or permitting is necessary to conduct work within the boundaries of uncataloged and cataloged human burial sites under Wis. Stat. § 157.70.
For additional information please see: <http://preview.wisconsinhistory.org/Content.aspx?dsNav=N:1205>
or contact Sherman Banker at (608) 264-6507 or sherman.banker@wisconsinhistory.org

ARCHAEOLOGICAL REPORTS INVENTORY FORM

WHS PROJECT #

COUNTY Dunn

AUTHORS: Robert J. Barth

REPORT TITLE: Phase I Investigation of a Portion of the Stout Technology Park, City of Menomonie,
Dunn County, Wisconsin

DATE OF REPORT (MONTH AND YEAR): July, 2014

SERIES/NUMBER: N/A

PLACE OF PUBLICATION: Eau Claire, Wisconsin

LOCATIONAL INFORMATION [LEGAL DESCRIPTION OF SURVEY AREA (T-R-S)]
T28N-R12W-Section 30

U.S.G.S. QUAD MAP(S): Menomonie North

SITE(S) INVESTIGATED: N/A

ACRES INVESTIGATED: 74

AGENCY #

INVESTIGATION TECHNIQUES COMPLETED (Check all that apply.)

- | | | |
|--|--|---|
| <input type="checkbox"/> Avocational Survey | <input type="checkbox"/> Chance Encounter | <input type="checkbox"/> Historical Research |
| <input type="checkbox"/> Faunal Analysis | <input type="checkbox"/> Floral Analysis | <input type="checkbox"/> Interview/Informant |
| <input checked="" type="checkbox"/> Literature Background Research | <input type="checkbox"/> Major Excavation/Phase III | <input type="checkbox"/> Mechanical Stripping |
| <input type="checkbox"/> Monitoring | <input type="checkbox"/> Osteological Analysis | <input type="checkbox"/> Geomorphology |
| <input checked="" type="checkbox"/> Records/Background | <input checked="" type="checkbox"/> Surface Survey | <input type="checkbox"/> Soil Core |
| <input type="checkbox"/> Remote Sensing | <input type="checkbox"/> Shovel Testing/Probing | |
| <input type="checkbox"/> Test Excavation/Phase II | <input type="checkbox"/> Traditional Knowledge | |
| <input type="checkbox"/> Underwater | <input type="checkbox"/> Walk Over/Visual Inspection | |

ABSTRACT:

Included in report

Written in space below

Office of the State Archaeologist

ARI # _____