APPENDIX 2

State Historic Preservation Office Data Results

History/Architecture Inventory

PROPERTY NAME	ADDRESS	Twp	Range	Sec	Quarters	USGS	Report	NRHP	CEF	DOE	Inventory Number
COUNTY: Dodge											
CITY/TOWNSHIP: Vernon Twp.											
warehouse	off Mn. Hwy. 30	105	16	21	NE-NE-NE	Rock Dell	DO-80-1H				DO-VRN-001
general store	SW corner Co. Hwy. 13 & Mn. Hwy. 30	105	16	21	NE-NE-NE	Rock Dell	DO-80-1H				DO-VRN-002
hall		105	16	21	NE-NE-NE	Rock Dell	DO-80-1H				DO-VRN-003
Andrew Holterman House	off Mn. Hwy. 30	105	16	22	NE-NW-NE	Rock Dell	DO-80-1H	Y			DO-VRN-004
farmhouse	off Co. Hwy. 13	105	16	22	NE-NE-SW	Rock Dell	DO-80-1H				DO-VRN-008
school	off Twp. Rd.	105	16	27	SE-NE-SE	High Forest SW	DO-80-1H				DO-VRN-009
barn		105	16	34	NE-NE	High Forest SW	DO-80-1H				DO-VRN-010
COUNTY: Mower											
CITY/TOWNSHIP: Dexter Twp.											
Renova Store	off Co. Hwy. 2	103	16	8	NE-NE-SE	Brownsdale	MW-85-1H				MW-DER-001
Dexter Town Hall	off Twp. Rd.	103	16	16	SW-SW-SW	Brownsdale	MW-85-1H				MW-DER-002
school	off Co. Hwy. 20	103	16	29	SW-SW-SW	Brownsdale	MW-85-1H				MW-DER-004
CITY/TOWNSHIP: Red Rock Twp.											
house	off Co. Rd. 19	103	17	2	NW-NE-SE	Sargeant	MW-85-1H				MW-RR0-002
Bridge No. 88958	CSAH 2 over Wolf Creek	103	17	12							MW-RRO-004
CITY/TOWNSHIP: Sargeant											
general store	SE corner Willow St. & Co. Hwy. 1	104	16	19	NE-NE-NW	Sargeant	MW-85-1H				MW-SAR-001
fire department	xxx Willow St.	104	16	19	NE-NE-NW	Sargeant	MW-85-1H				MW-SAR-002

PROPERTY NAME	ADDRESS	Twp	Range	Sec	Quarters	USGS	Report	NRHP	CEF	DOE	Inventory Number
COUNTY: **Mower**											
CITY/TOWNSHIP: **Sargeant**											
CITY/TOWNSHIP: **Sargeant Twp.**											
St. Johann Evangelical Lutheran Church	Co. Hwy. 20 & Co. Rd. 57	104	16	31	NE-NE-NE	Sargeant	MW-85-1H				MW-SNT-001
Evanger Lutheran Church	off Co. Hwy. 7	104	16	2	SW-SW-NW	High Forest SW	MW-85-1H				MW-SNT-002
Zion Lutheran Church	off Twp. Rd.	104	16	23	SE-SE-SE	High Forest SW	MW-85-1H				MW-SNT-003
District School No. 111		104	16	26	NE-NW-NE	High Forest SW	MW-85-1H				MW-SNT-004
Austin & LaCrosse Road Section	off Co. Hwy. 1	104	16	25	NE-NE	High Forest SW	xx-90-1H				MW-SNT-005
Bridge No. 2493	TWNS 247 over stream	104	16	25							MW-SNT-006

Archaeological Site Locations

Site Number	Site Name	Twp.	Range	Sec.	Quarter Sections	Acres	Phase	Site Description	Tradition	Context	Reports	NR	CEF	DOE
County:	**Dodge**													
21DOp	Thoe	105	16	27	S,S-N,S-N-N	0	0	HD		RA-1				
	Thoe	105	16	27	N-N-N	0	0	HD		RA-1				
County:	**Mower**													
21MWw	Sutton	103	16	26	SW	0		HD						
County:	**Olmsted**													
21OL0034		104	15	6	NE-SE-SW	0.6	1	LS			2003-3162			

MINNESOTA HISTORICAL SOCIETY

Minnesota State Historic Preservation Office
Archaeological Site Database Metadata

This list describes all variables in the SHPO's archaeological site database by Microsoft Access tables.

MAIN TABLE (ARCHAEOLOGY)

COUNTY [COUNTY] - Character Field, 20 characters
The name of the county in which the site is located. If a site extends across more than one county, the site will be listed in the database under both counties; however, the site number (SITENUM; see below) will correspond to the county in which the majority of the site lies. Therefore the "county" need not match that of the site number. Only one site number is assigned to each discrete site even if the site is located in more than one county.

SITE NUMBER [SITENUM] - Character Field, 8 characters
SITENUM refers to the Smithsonian Institution's trinomial archaeological site designation. It is currently assigned in Minnesota by the Office of the State Archaeologist. All Minnesota sites start with the numerical code "21" (the pre-1959 state alphabetical order), followed by a two-letter county code (see attachment for Minnesota county codes), followed by a one-up number. Paper copies of site information in the SHPO's site inventory are filed by site number within any given county. For example, 21AK0007 is the seventh site assigned in Aitkin County. The convention in Minnesota is to use a four-digit one-up number for each site. The SHPO Archaeological Database also contains site leads that are based on correspondence or written accounts, but have not been field verified by a professional archaeologist. These "possible" sites use the state and county codes as discussed above, followed by an alphabetic designation beginning with the letter *a*. Each site lead in a county will receive a one-up alphabetic designation *a* through *z*, followed by *aa*, *ab*, *ac*, etc. Such sites are occasionally referred to as "alpha sites."

SITE NAME [SITENAME] - Character Field, 80 characters
The archaeologist responsible for initially recording a site usually designates the SITENAME. It is standard procedure to use the landowner's last name, but if it is a common name (e.g., Peterson), a first name is also used. Sites are also named for a local topographic feature, unusual characteristic, etc. Some sites have multiple names. An entry for this category is not mandatory, but used when available. The word "site" is not used in the name in the database (i.e., the Joseph Peterson Site will be listed simply as "Joseph Peterson"). If a site has more than one record (i.e., if the site is located in more than one section), the site name should be followed with the record number as follows: (1/3), (2/3), (3/3), etc. If the "site" has been determined to be non-cultural, (NOT A SITE) is written in this field.

FIRST DATE [FIRSTDATE] - Character Field, 4 characters
This field refers to the year the site was initially recorded.

DATE of SURVEY [DATESURVEY] - Date Field, 8 characters
This field refers to the date of the most recent fieldwork by a professional archaeologist. If the exact date is not known, the first day of the month is listed; if only the year is known, the date is listed as 01/01/year.

FIELD NUMBER [FIELDNUM] - Character Field, 38 characters
Archaeologists frequently assign field numbers to designate sites before an official state site number is assigned. The FIELDNUM will appear in the database exactly as it was recorded by the archaeologist. All field numbers that apply will be listed.

ACRES [ACRES] - Numeric Field
The estimated area of the site to the nearest 0.1 acre. Single artifact finds are coded as 0.1 acre. Rough estimations are rounded to the nearest 0.5 acre. Each record for a site having multiple locations will reflect the area of the *entire* site.

SITE TYPE DESCRIPTION [DESCRIPT] - Character Field, 25 characters
This field is a brief description of the site type (i.e., how is appears in the field as an archaeological manifestation). All that apply are listed (e.g., an earthwork with a documented human burial is listed as **EW, CEM**):

SA - Single Artifact ("find spot")
LS - Lithic Scatter (a site with only lithic materials; i.e., tools, flakes, fire-cracked rock, etc.)
AS - Artifact Scatter (any multiple artifact site with more than just lithics)
EW - Earthwork (includes mounds, fortifications, ricing pits, etc.)
SR - Structural Ruin
RALN - Rock Alignment
RART - Rock Art (includes pictographs, petroglyphs, boulder outlines)
CEM - Cemetery, Burial (non-mound)
HD - Historic Documentation (e.g., ghost towns, trading posts, etc. in records but no field survey)
SHIP - Shipwreck
SM - Shell Midden
TR - Trail/Road
FEAT - Feature (e.g., pit, depression)
STR – Standing Structure/Building

SITE FUNCTION [FUNCTION] - Character Field, 40 characters
This describes the site function as inferred by archaeological materials or the literature (e.g., an artifact scatter may be a habitation site, a camp site, or butcher site, etc.) Typically, only sites that have been well documented will be given a function designation. Once historic contexts have been more fully developed, the function categories listed below should more closely correspond to *property type* descriptions in the contexts.

Agency - Indian Agency
BMound - Burial Mound
Battle - Battleground
Bone - Bone Bed
Butcher - Butchering Site
CCC - CCC Camp
Cache – Cache
FMill - Flour Mill
Fac - Factory
Farm – Farmstead
Fish – Fishing
Fort – Fort
GT - Ghost Town
Garden – Gardening
Gather – Gathering
Hab – Habitation (aboriginal camp, village)
Home – Homestead
House – single domestic dwelling
Kill - large mammal kill
LogCamp - Logging Camp
LogDam - Logging Dam
Mine – Mining
Miss – Mission
Mort – Mortuary
Oth – Other
Pglyph - Petroglyph
Picto - Pictograph
Portage - Portage Trail
Quarry - Quarry
Resid – Residential area (recent)
Rice – Ricing
SMill - Saw Mill
Stage - Stage Stop
Sugar - Maple Sugaring
TPost - Trading Post
Trans – Transportation
Wcraft - Watercraft
Wshop - Lithic Workshop

MOUNDS [MOUNDS] - Numeric Field, 3 characters
The number of mounds or earthworks contained in a site.

BURIAL AUTHENTICATED [BURIALAUTH] - Character Field, 1 character
If a site is a burial authenticated by the State Archaeologist, a **Y** is placed in this field otherwise it is left blank.

DEGREE OF DISTURBANCE [DISTURB] - Character Field, 1 character
Refers to the degree of disturbance to the site. This is coded on a scale from 0 to 5.

0 - Unknown
1 - The site is virtually undisturbed.
2 - The site has been minimally disturbed.
3 - The site is moderately disturbed. Includes plow zones.
4 - The site is heavily disturbed.
5 - The site has been virtually destroyed.

TEMPORAL PERIOD [PERIOD] - Character Field, 15 characters
PERIOD refers to the general temporal period of the site.

P - Precontact (10,000 B.C. - A.D. 1680)
C - Contact (A.D. 1680 - 1837)
R – Post-Contact (Recent; A.D. 1837 - present)

TRADITION [TRADITION] - Character Field, 30 characters
TRADITION refers to the standard major taxonomic divisions of Minnesota prehistory: PaleoIndian, Archaic, Woodland, Mississippian, and Plains Village. (see below)

CONTEXT [CONTEXT] - Character Field, 60 characters
CONTEXT refers to the specific historic context of the site as listed in the Minnesota SHPO Historic Contexts. *Other* (**Oth**) is also an option for the Context field if the historic context is not listed below.

The fields PERIOD, TRADITION, and CONTEXT are as specific as possible. Only the terms listed below are used. As many fields as possible are completed for a particular site. It may have been possible to complete only the first field; for example, a lithic scatter with no diagnostic artifacts is cited as simply a "**P**recontact site"; a site containing ceramics but no specific types might be cited as "**P**recontact" and "**W**oodland", etc. Each determination is then followed with a number corresponding to the confidence of the cultural affiliation determination, as below:

Confidence Level
1 - Confirmed
2 - Suspected

If more than one term applies to a site in a particular field, all terms are listed, with commas separating. They are listed in chronological order. For example, a site that has yielded a Folsom projectile point, a Blackduck potsherd, and a suspected Archaic component would be cataloged as the following:

PERIOD: P-1
TRADITON: PL-1, A-2, W-1
CONTEXT: Fo-1, Bd-1.

Precontact Period - P
Paleoindian Tradition - **PL** (13,000-8000 B.P.)
Clovis - **Cl**
Folsom - **Fo**
Eastern Fluted - **EF**
Lanceolate Point/Plano - **Pl**
Archaic Tradition - **A** (8000-2500 B.P.)
Prairie Archaic - **AP**
Riverine Archaic - **AR**
Lake Forest Archaic - **AL**
Shield Archaic - **AS**

Woodland Tradition - **W** (2500-300 B.P.)
- Early Woodland - **EW**
- Middle Woodland - **MW**
- Fox Lake - **FL**
- Havana Related (Malmo, Howard Lake, Sorg) - **HR**
- Laurel - **La**
- Brainerd - **Br**
- Transitional Woodland (St. Croix, Onamia) - **SO**
- Lake Benton - **LB**
- Southeastern Minnesota Late Woodland - **SELW**
- Kathio - **Ka**
- Blackduck - **Bd**
- Psinomani (Sandy Lake, Wanikan, Ogechie) - **Ps**
- Unspecified Late Woodland - **LW**

Plains Village Tradition - **PV** (1000-500 B.P.)
- Great Oasis - **GO**
- Cambria - **Ca**
- Big Stone - **BS**

Mississippian Tradition - **M** (1000-800 B.P.)
- Silvernale - **Sn**

Oneota Tradition – **O** (1000-300 B.P.)
- Blue Earth - **BE**
- Orr - **Or**
- Oneota - **Oa**

Contact Period - **C**
- Western Dakota - **WD**
- Eastern Dakota - **ED**
- Chiwere Siouan - **CS**
- Ojibwe - **Oj**
- French - **Fr**
- English - **En**
- Initial U.S. - **US**

Post-Contact Period - **R** (Recent)
- Indian Communities and Reservations - **IC**
- St. Croix Triangle Lumbering - **SC**
- Early Agriculture and River Settlement - **EA**
- Railroad and Agricultural Development - **RA**
- Northern Minnesota Lumbering - **NL**
- Iron Range and North Shore Settlement- **IR**
- Tourism and Recreation - **TR**
- Urban - **Ur**

DATING METHOD [DATEMETHOD] - Character Field, 15 characters
DATEMETHOD refers to the method used to determine the time period of the site. All that apply are listed:

rc - radiocarbon dating
ob - obsidian hydration
style - artifact style/cross-dating
oth- other
tl – thermoluminesence
strat – site stratigraphy/geomorphology
hist - historic documentation (e.g., plat map)

CERAMICS [CERAMIC] - Character Field, 35 characters
(see below)

LITHICS [LITHIC] - Character Field, 40 characters (see below)

BIOLOGICAL [BIOLOGICAL] - Character Field, 35 characters (see below)

OTHER [OTHER] - Character Field, 35 characters

The above four fields are used to give a more detailed summary of materials recovered from a site. Fields are completed only if the material type exists at a particular site. The terms used are listed below or the name given in a site report for a specific type. An unidentified projectile point would be cited as simply a projectile point. A Folsom point would be listed as **Fo**.

CERAMICS: **Ab** – Aboriginal (used only if no formal types identified)
EA - Euro-American

Use these more specific terms for Aboriginal ceramics if possible (others may be used if necessary):

Bd - Blackduck
BE - Blue Earth
Br - Brainerd
Ca - Cambria
CR - Clam River
FL - Fox Lake
GO - Great Oasis
HL - Howard Lake
Ka - Kathio
LB - Lake Benton
La - Laurel
Lm - La Moille Thick
Ma - Malmo
Og - Ogechie
On - Onamia
Or - Orr
SC - St. Croix
Sg - Sorg
Sk - Selkirk
Oa - Oneota
SL - Sandy Lake
Sn - Silvernale

LITHICS

pp - projectile point
tool - other flaked stone tool
deb - debitage
ground - ground/pecked stone
fcr - fire-cracked rock
lithic - unspecified lithic material

Use these specific types of projectile points if possible: (others may be used if necessary)

CI - Clovis
Fo - Folsom
BV - Browns Valley
Ang - Angostura
AI - Alberta
DI - Dalton
Rd - Raddatz
Par - Parkdale-eared
sn - side-notched
fl - fluted
Ed - Eden
Mid - Midland
Pla - Plainview
lc - lanceolate
Ms - Meserve
Steuben - Steuben
st - stemmed
tr - triangular unnotched
HG - Hell Gap
AB - Agate Basin
Sb - Scottsbluff
Fred - Fredrick
PI - Plano
Hol - Holcomb
Oxbow - Oxbow
cr - corner-notched
bi - bifurcate

BIOLOGICAL:

an - animal remains
human - human remains
unid - unidentified bone
shell - shell
floral - seeds, plant remains, charcoal, etc.

OTHER:

ochre
metal
mhist - miscellaneous historic
pipe - pipe
cutool - copper tool
shorn - shell ornament
btool - bone tool
glass
beads
gf - gunflint
cupp - copper projectile point
cuorn - copper ornament
shtool - shell tool
born - bone ornament

EXOTIC MATERIALS [EXOTIC] - Character Field, 20 characters
This field is completed when a raw material type not native to Minnesota or rarely found at archaeological sites in Minnesota has been recovered from a site.

Cp - Copper
Ob - Obsidian
Cat - Catlinite (pipestone)
Hxt - Hixton quartzite
BurC - Burlington Chert
KRF - Knife River Flint
MSh – marine shell
oth - Other

MAJOR DRAINAGE BASIN [DRAINAGE] - Character Field, 5 characters
The DRAINAGE field is based on the Minnesota DNR classification system and denotes the location of the site within a major drainage basin. Note: the distinction between the "Lower" and "Upper Mississippi River" categories occurs in the Twin Cities at the mouth of the Minnesota River. Also note, the Rock River in southwestern Minnesota is part of the "Missouri River" drainage system.

LS - Lake Superior
RR - Rainy River
LMR - Lower Mississippi River
UMR - Upper Mississippi River
MnR - Minnesota River
Red - Red River
SCR - St. Croix River
CR - Cedar River
DMR - Des Moines River
MR - Missouri River

PHYSIOGRAPHIC SETTING [SETTING] - Character Field, 60 characters
PHYSIOGRAPHIC SETTING refers to the general landform of the site area. Only the most predominate landscape element is listed.

Hill - Hilltop
Upland - Undifferentiated Upland
Marsh - Marsh, Swamp, Fen, Bog
Bluff - Bluff Edge
Alluvial - Alluvial Fan
Stream - Intermittent Stream
Junction - Confluence of Streams/Rivers
River - General Riverine
Terrace - Terrace
Flood - Floodplain
Lacustrine - General Lake Area
Lakeshore - Lakeshore
Island - Island
BluffB – Bluff Base
Cove/Bay - Cove or Bay
In/Out - Inlet/Outlet
Isthmus - Isthmus
Glacial - Glacial Beach Ridge
Cave - Cave/Rockshelter
Pen - Peninsula

OWNER TYPE [OWNERTYPE] - Character Field, 15 characters
Refers to the type of ownership of the property on which the site lies. All that apply are listed.

Fed – Federal
Chip - Chippewa National Forest
Loc- Local (Public)
Priv – Private
St - State of Minnesota
Sup - Superior National Forest
Tribe- Tribal
Unk- Unknown

WORK TYPE [WORKTYPE] - Character Field, 10 characters
This refers to the level (intensity) of archaeological investigation.

0 = Pre-field preparation, Literature Search, Historic Documentation
1 = Phase I (reconnaissance survey)
2 = Phase II (evaluation/formal testing)
3 = Phase III (mitigation/data recovery/major excavation; monitoring if part of DRP)
4 = Cultural Resource Management Plan (e.g., long-term management plan for resources within a specific project area; site monitoring if part of plan)
5 = Collections & Other Non-Field Studies (e.g., a study of projectile points)
6 = Research Design (independent document)
7 = Other, Non-Archaeological Studies (e.g., oral history, paleoenvironmental, HABS/HAER, geomorphology, TCP)
8 = Combined Phase I & II
9 = Combined Phase II & III

NATIONAL REGISTER [NRHP] - Character Field, 3 characters
If a site is listed on the National Register of Historic Places or is within a listed historic district, "Yes" is entered (otherwise it is left blank).

DETERMINATION of ELIGIBILITY FINDING [DOE] - Character Field, 3 characters
If a site has been determined to be eligible by the National Park Service/Secretary of the Interior for listing on the NRHP, but has not been actually listed, "Yes" is entered (otherwise it is left blank).

CONSIDERED ELIGIBLE FINDING [CEF] - Character Field, 3 characters
If a site has been considered to be *Eligible* for listing on the NRHP by the SHPO and a federal agency has formally agreed during the Section 106 process, "Yes" is entered. If it has been determined Not Eligible, "No" is entered. If only a portion of the site has been evaluated "PE" is entered for *Partially Eligible* and "PNE" for *Partially Not Eligible*.

STAFF ELIGIBLE FINDING [SEF] - Character Field, 3 characters
If a site has been considered to be *Eligible* for listing on the NRHP by the SHPO without federal agency concurrence, "Yes" is entered. If it is considered Not Eligible, "No" is entered. If only a portion of the site has been evaluated "PE" is entered for *Partially Eligible* and "PNE" for *Partially Not Eligible*.

ADDITIONAL RATIONAL REGISTER INFORMATION [XNR] – Character Field, 3 characters
If a site is individually listed on the National Register, "On" is entered. If a site is within a listed National Register District, "In" is entered.

STATE REGISTER [StReg] - Character Field, 3 characters
If a site is listed on the State Register of Historic Places, "Yes" is entered (otherwise it is left blank).

REFERENCE [REFERENCE] - Character Field, 65 characters
Major bibliographic references to the site not listed in the REPORTS field.

Andreas - 1874 Andreas Atlas
GeolSurv - Geological Survey (Winchell, Upham)
Brower Nx - J.V. Brower notebook
Brower xxxx - J.V. Brower publication
CHIP - Chippewa National Forest Inventory
Lewis xx - T. Lewis notebook
MHS(CF) - MHS County Miscellaneous File
MHS(DB) - MHS Doug Birk
MHS(FTF) - MHS Fur Trade File
MHS(GTF) - MHS Ghost Town File
MHS(LP) - MHS Les Peterson
MHS(SA) - MHS Scott Anfinson
SAS - Statewide Archaeological Survey
Tryggxx - J.W. Trygg Map/Sheet Number
Wilford XXXX - L.A. Wilford/year, County File Notes
Winchell - N. Winchell (1911)

LOCATION CONFIDENCE [LOCCONF] - Character Field, 1 character
The LOCCONF field is based on a 1-5 scale that reflects the confidence in locating a site on a USGS map according to the information existing on a site. The numbers should be interpreted as follows:

1 - *Very High*: the site can be accurately and precisely delineated on a 7.5" USGS quadrangle map and/or the site was examined and mapped by a professional archaeologist.

2 - *High*: the location of the site can be narrowed down to the quarter-quarter section level (if the site area is smaller than this) but no further and/or the site was given a cursory field examination by a professional archaeologist.

3 - *Moderate*: the site was mapped according to the best guess of several alternatives, or within a quarter section and/or a reliable informant provided information on the site.

4 - *Low*: SHPO staff were skeptical of the location given for a site or whether the site exists as described and/or the site was mapped using information provided by a local informant of unknown reliability and has not been field evaluated by a professional archaeologist.

5 - *Very Low*: SHPO staff were highly skeptical of the location of a site or whether the site exists as described and/or the site information was based on rumor or hearsay. Any site receiving a confidence of 5 will not be mapped on the SHPO's master USGS site maps.

NOTE: If the site has been determined to be non-cultural (i.e., not a confirmed archaeological site) by a professional archaeologist, an "N" will appear under the CHANGE field.

NOTES [NOTES] - Character Field, 10 characters
For additional information such as archaeological terminology that is no longer used in Minnesota to denote temporal or cultural affiliation, but still useful research terms (e.g., Arvilla, Old Copper).

OFFICE of STATE ARCHAEOLOGIST LICENSE NUMBER [STATEARCH] - Character Field, 20 characters. STATEARCH refers to the Office of the State Archaeologist license number given to a project that examined the site.

INPUT DATE [INDATE] - Date Field, 8 characters
INDATE is the date the site was added to site inventory or database.

UPDATE DATE [UPDATE] - Date Field, 8 characters
UPDATE is the date the site information was updated in site inventory or database.

CHANGE [CHANGE] - Character Field, 5 characters
This field notes changes made to the site database that differ from original information found in the site files or recorded on site forms.

D – Description (physical description of the site)
L – Location
  T – Township, Range or Section
  U - UTM
R - Redundant (same location as another site)
N - Non-cultural (not an archaeological site; shouldn't be assigned a site number)

City/Township Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

CITY/TOWNSHIP [CITYTWP] - Character Field, 40 characters
CITYTWP refers to the name of the minor civil subdivision in which the site lies. If the site is located within the boundaries of a township or incorporated city, use the name of the township or city. For example: Welch Twp., Cannon Falls Twp., Red Wing, or Cannon Falls. Sites located outside of organized townships are cited as "Unorganized Territory".

Regions Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

REGION [REGION] - Character Field, 5 characters
The SHPO archaeological research region in which the site is located. (see the attached map)

1 - Southwest Riverine
2n - Prairie Lake North
2s - Prairie Lake South
2e - Prairie Lake East
3e - Southeast Riverine East
3w - Southeast Riverine West
4w - Central Lakes Deciduous West
4e - Central Lakes Deciduous East
4s - Central Lakes Deciduous South
5w - Central Lakes Coniferous West
5e - Central Lakes Coniferous East
5c - Central Lakes Coniferous Central
5n - Central Lakes Coniferous North
5s - Central Lakes Coniferous South
6n - Red River Valley North
6s - Red River Valley South
7w - Northern Bog West
7e - Northern Bog East
8 - Border Lakes
9n - Lake Superior North
9s - Lake Superior South

UTM Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

UTM ZONE [UTMZONE] - Numeric Field, 2 characters
EASTING [EASTING] - Numeric Field, 6 characters
NORTHING [NORTHING] - Numeric Field, 7 characters
These numbers refer to the exact location of a site, based on the Universal Transverse Mercator (UTM) grid. There are three UTM zones in Minnesota: 14, 15, and 16. Most of the state is in Zone 15. For some GIS applications, zones 14 and 16 have been placed in an "extended" Zone 15. These extended zone coordinates are included as separate fields in the table (see XEASTING and XNORTHING).

One set of UTM site coordinates is recorded in the database for each site. This should be as close as possible to the central point of each site. For sites located in multiple sections only the first record number will have the UTM coordinates recorded.

Under EASTING, a "0" is entered if the record is not unique (i.e., a repeated reference to the same site) or if the site is not actually an archaeological site when an official state number has been assigned. A "1" is entered when exact location data for a site is unavailable. This coding allows for searches of the ARCH database to find actual numbers of sites that exhibit certain characteristics if the search command includes "EASTING <> 0".

XEASTING [XEASTING] - Numeric Field, 6 characters
XNORTHING] XNORTHING - Numeric Field, 7 characters
These two variables are used to plot the location of individual properties within Geographic Information Systems (GIS). Since Minnesota is located within UTM Zones 14, 15 and 16, the convention is to process Zones 14 and 16 locations into Extended Zone 15 so the properties can be more easily plotted.

DATUM [DATUM] - Character Field, 4 characters
The DATUM field is a four-digit number referring to the year when the U.S. Geological Survey UTM grid datum was established. This year is either 1927 or 1983. Also known as *NAD* or North American Datum.

Township/Range/Section and USGS Quadrangle Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

TOWNSHIP [TOWNSHIP] - Numeric Field, 3 characters
RANGE [RANGE] - Numeric Field, 2 characters
EAST/WEST] EASTWEST - Character Field, 1 character
SECTION [SECTION] - Numeric Field, 2 characters
The TOWNSHIP field is a two or three-digit number referring to the vertical grid number assigned to the township where the site is located. In Minnesota, all townships are "North"; therefore only the number is given. RANGE is a two-digit number referring to the horizontal grid number. Ranges in Minnesota may be either "East" or "West", and the EASTWEST field is entered as **E** or **W**. SECTION is a one or two-digit number, 1 through 36, corresponding to a square mile within a township/range coordinate. If a site extends through more than one section, each section will be given an individual record. This is necessary to enable database searches by location. The section in which the majority of the site lies will be entered in the first record, with the record number (1/3) written in the SITENAME field.

QUARTER SECTIONS [XQUARTERS] - Character Field, 35 characters
This field will list the entire quarter section description of site location as one field. This description of site location is more precise than the following fields, but cannot be used in database searches.

¼ OF ¼ OF ¼ SECTION [QTRQTRQTR] - Character Field, 2 characters
¼ OF ¼ SECTION [QTRQTR] - Character Field, 2 characters
¼ SECTION [QTR] - Character Field, 2 characters
These fields indicate the portion of a section in which a property is located and must be used together. The smallest quarter description must encompass the entire site. The QTR field is used to describe a 160-acre cell within a section, followed by the QTRQTR field that designates the 40-acre cell. The QTRQTRQTR field is used to describe the 10-acre cell where the site is located. The size of a particular site will determine how many of the three fields are filled. It may be possible only to say that a site is located in the NE quarter. Half-sections and centers can be used also if necessary (e.g., "C-S" is the center of the southern half of a section; in this case the cell areas are 20-acre, 80-acre, and 320-acre, respectively). Only the largest area that includes the entire site is used. These will be completed for each section in which the property is located.

USGS QUADRANGLE [USGS] - Character Field, 50 characters
USGS refers to the name of the USGS 7.5' quadrangle map where the site is located. The map name is written as it appears on the map, including spacing. The state or province name is excluded; i.e., the Redwood Falls, Minn. map is written as "Redwood Falls". Two quadrangle names may be input.

Repository Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

REPOSITORY [REPOSITORY] - Character Field, 25 characters
ACCESSION NUMBER (S) [ACCNUMBER] - Character Field, 60 characters
These fields provide the location of the site's collection, any field notes, and the accession numbers of materials. Repositories are as follows:

MHS - Minnesota Historical Society
UM - University of Minnesota, Minneapolis
UMD- University of Minnesota, Duluth
BSU - Bemidji State University
MDSU - Moorhead State University
MKSU - Mankato State University
SCSU - St. Cloud State University
IMA - Institute for Minnesota Archaeology
HU - Hamline University
SMM - Science Museum of Minnesota
UND - University of North Dakota
MWAC - Midwest Archaeological Center
AC - Augustana College
LLHS - Leech Lake Heritage Sites Program
Co - County Historical Society
Priv - Private collection

Archaeological Reports Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

REPORTS [ArchReports] - Character Field, 40 characters
The number from the SHPO's **ARCHREP** table pertaining to reports discussing the site and on file at the SHPO. Multiple report numbers may be listed.

Review and Compliance Table

SITE NUMBER [SITENUM] - Character Field, 8 characters
(same as Main Table)

REVIEW AND COMPLIANCE NUMBER [RCNUMBER] - Character Field, 29 characters
RCNUMBER refers to SHPO Review and Compliance File Number. Many archaeological projects in Minnesota are initiated through the Review and Compliance process.