PARCEL FORM: MNDOT Predictive Model Survey **Parcel Number(strata/number): _____**
(Replacement for Parcel No: _____)

Institution/Team: (circle one): BRW MVAC Leech Lake
Location: County _____Township____ Range_____ Section_____ 1/4,1/4 section #s_____
Name of Topographic map: _____ Scale: 1:24,000___; 1:62,500 _____
UTM Coordinates: (use 1927 datum and report all four corners as actually surveyed, preferably from GPS)
NW corner: Easting: _____; Northing:_____ Check if from GPS:___
NE corner: Easting: _____; Northing:_____
SE corner: Easting: _____; Northing:_____
SW corner: Easting: _____; Northing:_____ Zone _____

Name of recorder:_____ Date(s) recorded:_____
Last names of crew:_____
_____
Date(s) surveyed:_____Approx. person/hours for survey_____

Weather conditions each day/chronological order):clear and sunny (sharp shadows) (01)___; partly sunny(02) ____
light overcast/ hazy (light shadows)(03) ____; heavy overcast (no shadows)(04) ____; partly rainy(05) _____ ;
rain/warm (06) _____; cold and wet (07) _____ ; other:(09) ____ notes: _____

Landowner Name _____
Address_____
Tenant name and address if different from landowner _____
_____
Agreement to remove and keep artifacts? Y / N; if no, who return to/when?_____
Permission written_____ ; verbal _____ (with whom)_____

Strata in parcel, in order of importance: _____; Name of dominant stratum:_____
Field verification: Any variability from defined strata? Y / N;
General Description of parcel: _____
_____
_____
_____

Survey methodology:(give % each and show on map). Walkover _____; shovel test _____;
Transect interval: 15 meter intervals: _____; other:_____ (indicate why): _____

Areas not surveyed (%; show on map): recent/deep alluvial sediments_____
urban areas/houses_____ ; steep slopes (>15%)_____; wetlands: _____
other:describe_____

Unmapped water: Lake>5 acres(01) ___; Pond<5 acres (02)___ ; River (03) ___ Perm. stream(04) ____; intermittant stream(05) ____;
marshy area(few woody plants)(06) ____; swamp (woody plants)(07)_____ spring(08)___ other___
Plot unmapped water sources on air photo. They can be digitized in the lab if necessary.
notes:_____Parcel conditions (estimate %): corn
/ soybeans _____; hay / cover crop _____; fallow/pasture _____;
natural vegetation:forest: _____ prairie: _____ wetland _____ other: _____

Average exposure (%ground cover): 0-25%_____; 25-50%_____, 50-75%_____ ; 75-100%_____
Average visibility (how well washed) poor_____ fair _____ well washed: _____

Lithic resources (check all observed): bedrock outcroppings_____ ;colluvial/glacial_____; stream channel_____; Other: _____
_____ Type:chert ____; quartzite/orthoquartzite ___; other:_____

Stream exposures present? Y / N examined? Y / N ; cultural resources observed Y / N (describe) _____
Hillsides: present?Y / N ; examined Y / N ; Rock art Y / N; Rockshelter Y / N

Cultural resources identified? Prehistoric: Y / N; Designation:_____
Historic: Y / N ; Designation _____

Cultural Resources Identified

Team: BRW MVAC Leech Lake Parcel No: _____ Site # _____
Recorder:_____
Dates Investigated: _____
Type of Investigation: Pedestrian Survey____; Shovel Testing _____; Collector Info:_____ Other: _____

Cultural Period: Prehistoric:_____ Contact_____
__ Post-Contact_____

Site Dimensions:(in meters): Length_____; width_____ ;depth: unknown / _____ cm
If available, give GPS UTM coordinates for center of site or points on margin of site, and center of special features or clusters: _____
_____
_____

Description (give site location with regard to topographic features): _____
_____
_____

Soil on Site: sandy _____ silt _____ loam _____ sandy loam _____ silty loam _____ silty clay loam _____
Slope (%) 0-5%___; 6-10%____; 11-15%_____; >15%_____ ;
Aspect (circle best) Facing: N NE NW S SE SW E W

Clusters/concentrations of artifacts? Y / N If yes, show on sketch map
Describe: _____
_____

Features (check all that apply and describe) depressions _____ mounds _____ foundations _____
description_____
_____

Site Description: Check all that apply
single artifact _____ artifact scatter _____ lithic scatter _____ mound/earthwork _____
structural ruin_____ rock alignment _____ rock art _____ cemetery/burial _____
other _____ Description _____
_____
_____

Components represented: _____
_____
Size and relative position of each component on the site (show on map): _____
_____

Diagnostic artifacts recovered:
Ceramics:: Grit tempered:_____ shell tempered: _____other _____
Lithics:_____Glass:_____Metal:__
_____Other _____

Exotic materials (check all that apply)
catlinite _____ native copper _____ Hixton orthoquartzite _____
Knife River flint _____ obsidian _____ other _____

Degree of Disturbance
minimal _____ moderate _____ heavy _____ destroyed _____ unknown_____
description: plowed_____ eroded _____ other:_____

Lot numbers assigned: Transect sample: _____
Non-probabilistic sample: _____
Shovel test bags: _____
Others/Special sample (eg lithic raw materials):_____

Map: do to scale 1/4 mile:

note prominent rises and ancient drainage channels, etc.particularly those that do not show on topo map
identify areas surveyed with different methods, eg shovel testing and surface reconnaissance
note areas not surveyed, and reason
indicate areas with exposure or visibility markedly different from the average for parcel
note areas of water
map cultural resources within parcel
If the information can be generated through GPS, great, but a quick sketch map (not even necessarily to scale, just an overall example of relative positioning) may serve very well as a backup..

notes on completing parcel form:

Parcel Address: For coding for GIS, we will eliminate dashes, etc, but for field tags the dashes will help eliminate confusion. Use Township-Range-Section-Quarter Section :

22	21	12	11	See attached page for numbering system
23	24	13	14	
32	31	42	41	
33	34	43	44	

Lithic resources observed: collect a small sample for Kent Bakken (fist size or smaller is all that is necessary); location to quarter-quarter section is adequate,

Designating cultural resources: Team ID/Parcel no/site # (number in sequence within each parcel, eg first site found in parcel, second site found in parcel, etc; We should use this designation for all sites, including known ones. For previously known sites with a State site number, you can add that, but keep the field/parcel designation, so we can have a uniform series of site ID

Example: MVAC/110-30-14-42/site 1

Tag Info: (to be installed on the paper format of your choice): this is a suggestion, please recommend modifications, since it would be useful to have similar tags throughout the project.

MNDOT Predictive Model
TEAM: County: Lot number

Parcel # Site #
Shovel Test No:
Level(cmbgs): Surface

Circle one:Transect Sample / Non-Probabilistic Sample

Supervisor Name
Date