<i>) F</i>	a. In Allag	915 2/21/084) Infalorabi
USDA	FOREST SERVICE	CULTURAL RESOURCES RECORDED	CRRR NO. 9701001-004, 010
	R-9 CULTURAL RESOURCE RECONNAISSANCE REPORT (FSM 2361.22c)	Yes_X_ No	Individual projects will be assigned specific
1.	TITLE OF UNDERTAKING: 1997 Laurentian Projects	PROJECT TYPE: Timber sales, land e	exchange, other
2.	NATIONAL FOREST: SUPERIOR NATIONAL FOREST DISTRICT: Laurentian PLANNING UNIT: COMPARTMENT: TRACT:	STATE: MINNESOTA COUNTY: Project sp USGS QUAD: Project LEGAL DESCRIPTION:	specific
	AERIAL PHOTO: FLT.LINE: Project specific	FRAME: Project specific	YEAR:Project specific
1	DESCRIPTION OF LOCATION: Project specific informa	tion-(see appropriate project app	
<i>.</i>	ASSISTANTS: Gordon R.Peters Forest Archaeologist S.O. Duluth, MN	Additional field r	EARCH:May/June 1997 esearch dates noted in ppendix
(ERRIFICATION: I certify that I conducted the Cul	tural Resource reconnaissance re	norted have that my
	CERTIFICATION: I certify that I conducted the Culpbservations and methods are fully reported, and to knowledge. /s/Walt Okstad	itural Resource reconnaissance rechat this CRR Report is complete a	ported here, that my and accurate to the best of May/June, 1997 DATE
, m	y knowledge. /s/Walt Okstad	GNATURE	May/June, 1997 DATE
P	/s/Walt Okstad PROFESSIONAL REVIEW: I have reviewed this CRR Rep	GNATURE Out and find it to be acceptable NO g will have	May/June, 1997 DATE according to professional
P	ROPESSIONAL REVIEW: I have reviewed this CRR Reptandards. PINION ON EFFECT: In my opinion, this undertakin ADVERSE EFFECT on properties which might be	GNATURE FOR Amount is complete and complete and find it to be acceptable no no effect, see eligible for the National Regions in Item 7.)	May/June, 1997 DATE according to professional NO ADVERSE EFFECT, Historic Places.
P s	ROFESSIONAL REVIEW: I have reviewed this CRR Reptandards. PINION ON EFFECT: In my opinion, this undertakin ADVERSE EFFECT on properties which might be Subject to implementation of recommendation.	GNATURE Out and find it to be acceptable NO g will have	May/June, 1997 DATE according to professional NO ADVERSE EFFECT, Historic Places.
P	PROFESSIONAL REVIEW: I have reviewed this CRR Register tandards. PINION ON EFFECT: In my opinion, this undertakin ADVERSE EFFECT on properties which might be Subject to implementation of recommendation NAME: WALT OKSTAD	GNATURE FOR Amount is complete and complete and find it to be acceptable no no effect, see eligible for the National Regions in Item 7.)	May/June, 1997 DATE according to professional NO ADVERSE EFFECT, Historic Places.
P s o	PROPESSIONAL REVIEW: I have reviewed this CRR Regional and a respectively. I have reviewed this CRR Regional and a respectively. The respectively are represented by the respective and the reviewed this CRR Regional and a respectively. The respectively and the reviewed this CRR Regional and a respectively. The reviewed this CRR Regional and a respectively. The respectively are represented by the respectively. The respectively and the reviewed this CRR Regional and the respectively. The respectively and the reviewed this CRR Regional and the reviewed the reviewed the reviewed this CRR Regional and the reviewed the reviewe	GNATURE Out and find it to be acceptable NO g will have	May/June, 1997 DATE according to professional NO ADVERSE EFFECT, Historic Places.
P s o	PROFESSIONAL REVIEW: I have reviewed this CRR Register tendards. PINION ON EFFECT: In my opinion, this undertakin ADVERSE EFFECT on properties which might be Subject to implementation of recommendation NAME: WALT OKSTAD TITLE: HERITAGE PROGRAM COORDINATOR STATION: SUPERIOR NATIONAL FOREST INE REVIEW: (NEKDED WHEN CHUTHRAL RESOURCES HAVE	GNATURE Out and find it to be acceptable NO g will have	May/June, 1997 DATE according to professional NO ADVERSE EFFECT, Historic Places.
P s o	PROPESSIONAL REVIEW: I have reviewed this CRR Regitandards. PINION ON EFFECT: In my opinion, this undertakin ADVERSE EFFECT on properties which might be Subject to implementation of recommendation NAME: WALT OKSTAD TITLE: HERITAGE PROGRAM COORDINATOR STATION: SUPERIOR NATIONAL FOREST INE REVIEW: (NEEDED WHEN CULTURAL RESOURCES HAVE for the Cultural Resource Specialist (from Item 7.	GNATURE Out and find it to be acceptable NO g will have	May/June, 1997 DATE according to professional NO ADVERSE EFFECT, Historic Places. AREA.) The recommendations ementation of this project.

	a.	BASED ON YOUR RESEARCH, WILL THE PROPOSED UNDERTAKING IMPACT CULTURAL RESOURCES? YES X NO
	b.	IF CULTURAL RESOURCES ARE PRESENT, BUT WILL NOT BE IMPACTED, EXPLAIN WHY: no cultural resources are located in potential impact areas (sites noted in or near impact areas will be painted out of the sale or excluded from exchange)
	c.	IF CULTURAL RESOURCES WILL BE IMPACTED, EXPLAIN HOW BACH WILL BE IMPACTED:
		N/A
	đ.	IF CULTURAL RESOURCES WILL BE ADVERSELY IMPACTED, WHAT PRECAUTIONS, PROTECTIVE MEASURES, OR PROJECT MODIFICATIONS DO YOU RECOMMEND TO AVOID OR LESSEN THESE IMPACTS:
		N/A
	e.	IF THESE RECOMMENDATIONS ARE IMPLEMENTED, WILL ALL POTENTIAL ADVERSE IMPACTS ON CULTURAL RESOURCES HAVE BEEN REMOVED? X YES NO EXPLAIN:
5.	ОТН	ER REMARKS:
XXX	XXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
		PROFESSIONAL REVIEW To be Completed by a Professional Cultural Resource Specialist
6.	EVA	LUATION OF COMPLETENESS: Based on your review of this CRR Report, please complete the following:
	a.	IN YOUR OPINION: (1) Has background research been adequate to assure recognition of previously reported cultural resources? X YES NO
		(2) Has the project been adequately inspected according to acceptable archaeological practice? X YES NO
		(3) Has coverage been adequate to assure recording of all properties of potential National Register eligibility? X YES NO
		(4) Have you any other reason to question the completeness of this CRR Reprt? YES X NO
	b.	CONCLUSION: I X DO, DO NOT regard this CRR Report as complete and adequate according to professional standards.
	c.	EXPLANATION OF OPINION ON EFFECT:
7.	REM	ARKS, RECOMMENDATIONS:
		- 2 - R9-2300-9 (01/88

CONCLUSIONS BY FIELD SURVEYOR OF POTENTIAL IMPACTS ON CULTURAL RESOURCES:

海由安北北		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
	REPORT OF PINDINGS OF THIS SURVEY	*****
ESCRIPTION OF UNDERTAKING: Undertakings include Timber S Recreation site construction or permitted by the U.S. Fore	Sales, Roads, Trails, Land Exchanges, Spe or maintainence, and any other potential est Service. Project specific information	cial Uses, Developed and Dispersed ly earth distubing project work initiat
ATURE AND SEVERITY OF EXPECTE With the exception of land ex Heritage sites. In addition taccess to the public creating from Pederal Mgt. reponsibilitypendices.	ED DIRECT AND INDIRECT IMPACTS: schanges all of these projects have the put of direct impacts larger project area development of the project area development. Land exchanges potential indirect impacts. Land exchanges and exchanges are additional specific potential impacts.	otential for direct damaging impact to
YSICAL SETTING:		
POGRAPHY:		
OLOGY:	·	
I	BLOCK # 10 ITEMS WILL BE DESCRIBED IN PRO	JECT APPENDICES
ILS:		· · · · · · · · · · · · · · · · · · ·
DROLOGY:	•	
MBER TYPES/GROUND COVER:		
MADE FEATURES AND ALTERATION		
MADE PERIORES AND ALTERATION	is:	
		
-FIELD RESEARCH - SOURCES CHE	ECKED:	
X a. FOREST CULTURAL RESOURCE X b. SO CULTURAL RESOURCE X c. DISTRICT CULTURAL RES X d. OTHER FS FILES, MAPS	URCE OVERVIEW FILES SOURCE FILES	PROFESSIONAL CULTURAL RESOURCE STAFF
X a. FOREST CULTURAL RESOURCE X b. SO CULTURAL RESOURCE X c. DISTRICT CULTURAL RES X d. OTHER FS FILES, MAPS 1948 Timber Survey Maps and	URCE OVERVIEW FILES SOURCE FILES (specify): historic Aerial photos as appropriate an	_
X a. FOREST CULTURAL RESOURCE X b. SO CULTURAL RESOURCE X c. DISTRICT CULTURAL RES X d. OTHER FS FILES, MAPS 1948 Timber Survey Maps and e. INFORMANTS (Name, ad Project specific	URCE OVERVIEW FILES SOURCE FILES (specify): historic Aerial photos as appropriate an	d available (see project appendices) ee Pre-field Research Form Attached)
X a. FOREST CULTURAL RESOU X b. SO CULTURAL RESOURCE X c. DISTRICT CULTURAL RES X d. OTHER FS FILES, MAPS 1948 Timber Survey Maps and e. INFORMANTS (Name, ad Project specific	URCE OVERVIEW FILES SOURCE FILES (specify): historic Aerial photos as appropriate and ddress, and qualifications): (Se	d available (see project appendices) se Pre-field Research Form Attached)

/	RESI	ULTS OF PRE-FIELD RESEARCH: PREVIOUS SURVEYS OR INVESTIGATIONS CONDUCTED IN OR NEAR THE PROJECT AREA? X YES NO (Identify and briefly describe results.)
		(SEE PROJECT APPENDICES)
	b.	CULTURAL RESOURCES PREVIOUSLY REPORTED IN THE SURVEY AREA? YES NO (List them using Site Number, Site Type, Site Name, and INDICATE IF KLIGIBLE FOR OR LISTED ON NATIONAL REGISTER.)
		(SEE PROJECT APPENDICES)
13.	OBSI a.	ERVATIONAL EXPECTATIONS: SUSPECTED CULTURAL RESOURCE SENSITIVITY (As indicated in the Forest Overview or Intuitive Model): Project appendices
	b.	OTHER OBSERVATIONS: Project appendices
14.	FIE a:	LD RESEARCH: METHODOLOGY (Describe the way the area was examined, transect interval, and attach map showing extent and intensity of coverage.): All large project areas are transected by helicopter from an altititude of approximately 200 feet, prior to greenup in the Spring. All roads and/or trails in the project area were driven and/or walked. All areas exhibiting site potential were extended full walkover coverage.
	b.	PORTIONS OF PROJECT AREA NOT INSPECTED OR RECEIVING LESS THAN COMPLETE COVERAGE (Describe, key to coverage map and state why not completely surveyed.):
		Low, wet swampy areas were not extended full walkover coverage.

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c. SPECIAL PROBLEMS ENCOUNTERED IN FIELD RESEARCH:

N/A

b. ARTIFACTS COLLECTED? YES NO (List site numbers below) (PROJECT SPECIFIC) (FROJECT SPECIFIC) (A. NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA:	ultural
(PROJECT SPECIFIC) 5. NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA: NAME FS SITE NO. TYPE (Historic/prehistoric)	
(PROJECT SPECIFIC) NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA: NAME FS SITE NO. TYPE (Historic/prehistoric)	
(PROJECT SPECIFIC) . NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA: NAME FS SITE NO. TYPE (Historic/prehistoric)	
(PROJECT SPECIFIC) NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA: NAME FS SITE NO. TYPE (Historic/prehistoric)	
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(PROJECT SPECIFIC) NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA: NAME PS SITE NO. TYPE (Historic/prehistoric)	
NEW CULTURAL RESOURCES IDENTIFIED INSIDE THE SURVEY AREA: NAME PS SITE NO. TYPE (Historic/prehistoric)	
NAME FS SITE NO. TYPE (Historic/prenistoric)	
(PROJECT SPECIFIC)	
(PRODECT SEECREC)	

X UNDERTAKING V X LOCATION (TO X PROJECT MAP / X COVERAGE MAP X CONTINUATION SHPO CORRESPO	ICINITY MAP PRE-FIELD RESEARCH CHECKLIST SHOVEL TEST FORMS CR INVENTORY FORMS PHOTO (S) OTHER SUPPLEMENTAL DATA: (Specify)
	(PROJECT SPECIFIC APPENDICES)
	ndicate Item Numbers) Project Name
9701001 9701002 9701003 9701004 9701010	Highway 2 Corridor Timber Area Round/Long Lakes Timber Sale Area Laird/LTV I Laird/LTV II Whiteface Campground Road
	•

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CRRR APPENDIX NUMBER_9701001

Jot specific Title: Highway 2 Corridor Timber Area

Block # 2 Information:

County: Lake

USGS Quad: Whyte/Legler/Kane Lake/Mt. Weber Quads

Legal Description: See attached maps

Aerial Photographs:(by Year, Flight-line and Photo #)

1934*12 (74-77) 1948*29 (22-26) 13-(72-74) 25 (143) 08-(14-19) 29 (29-32) 08-(10-13) 21 (45-49) 13-(26-29) 21 (57-59)

Description of Location (see attached vicinity and project maps)
The project area is located east and west of Lake county Highway 2 from roughly
Murphy Creek to the Langley River.

BLOCK # 3 Information

Acres Inspected: 19,840 acres

BLOCK # 10 Information:

Physical Setting
Vegetation: mixed cover/predominently aspen and birch on the higher ground and black spruce on the lower ground (Wet-swampy areas)
Topography/Geology: High ground is glacial gravels, seperated by low wet areas Hydrology: Mud Creek/Murphy Creek/Kinney Creek/Cloquet River/Langley River/Legler Lake/Breda Creek/Maki Creek/Store Creek
Humanmade alterations: Lake County Hwy 2, Abandoned DMIR RR (Stoney River Road)
FR. 406, 404, Mininig Co. RR, several unnumbered roads and trails
Elevation: Ranges from approx. 1700-2000'
BLOCK # 12 Information

Pre-field Research

Previous Surveys Conducted in or near (within 1 mile) of the survey area.

YES_X NO

CRRR#s 9501002, 8604003,9001015, 8404007, 8704001, 9401A25, 9401A21, 9201009, 8201008, 8401006, 8101011, 9501A32, 9201006, 9401A32, 8201008, 8304019, 9001015, 9401A33 8404011

13 Information

Observational Expectations
Moderate historic, low prehistoric
a.) Suspected Heritage Resource Sensitivity

b.) Other Observations

BLOCK # 15 Information

Results of Field Research (Summary of Findings and Observations)

No new sites were located

BLOCK # 16 Information

NEW SITES LOCATED WITHIN SURVEY AREA

Yes____No_X_

SITES PREVIOUSLY LOCATED WITHIN SURVEY AREA

Yes_X_ No___

Site Numbers

090904165

090904164

090904166 090901383

090901384

090901389

090904246

090901059

090900160

090901082

090904435

090904205

Project Specific Time. Lander. Block # 2 Information: County: St. Louis JSGS Quad: Babbitt, Babbitt NE, Babbitt SW, ALLEN, BIRD LAKE Legal Description: all or portions of 36,35,34,26,27,22,23,14,15,25,26,27,28,29 1,33,4,5,6,1,2,12,7,8,9,13,18,17,16,19,20,21,25,24,28,29,33 Verial Photographs:(by Year, Flight-line and Photo#) 934/--2396,565-567,80-84,11-(4-10),10-(70-74),11-(12), 424, 50,11-(22),11-(78) 948/--46(62-640), 45-(65-68), 43-(65-68), 42-(60-63), 41-(6--64), 40-(63-67), .4-(58-64) Description of Location (see attached vicinity and project maps) BLOCK #3 Information Acres Inspected: 19,200 acres **3LOCK # 10 Information:** 'hysical Setting /egetation: Mixed cover llevation: 1550'-1620' Iumanmade Alterations: 2 Mining Railroads, FR113, 116, 1431, 112, Numerous unnamed and undumbered roads, ome of which are only accessible in winter. BLOCK # 12 Information re-field Research 'revious Surveys Conducted in or near (within 1 mile) of the survey area. 'ES_X_ NO__ CRRR#s 001013 201013 801004 401A35 901004

Survey#970	01003_	
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BLOCK # 13 Information

)bservational Expectations

- ..) Suspected Heritage Resource Sensitivity
- .) Other Observations

BLOCK # 15 Information

lesults of Field Research (Summary of Findings and Observations)

)ne new site was located during this survey.

3LOCK # 16 Information

NEW SITES LOCATED WITHIN SURVEY AREA

'es_X_ No___

CRI# Site Name

19090 1 160

Dunka River RR Bridge

SITES PREVIOUSLY LOCATED WITHIN SURVEY AREA

/es__X__ No____

CRI#s

190901072 190901097

190905646

190901364

190901312

CERR APPENDIX NUMBER_9701004

cific Title: Laird/LTV II Timber sales area

ock # 2 Information:

USGS Quad: Allen, Babbitt SW Quads Babbitt SE, BABBITT

Legal Description: All or portions of Sections 16,17,18,19,20,21,22,27,35,36,32 33,31,25,36,31,33,34,1,2,3,4,5,6,7,8,9,10,11,14,15,16

Aerial Photographs: (by Year, Flight-line and Photo #)

Aerials listed in CRR # 9701003

Description of Location (see attached vicinity and project maps) Description of Location (see attached Vicinity and project Maps)
Partridge River, Colvin Creek, Wetlegs Creek and Longnose Creek drainage area

BLOCK # 3 Information

Acres Inspected: 22,720 acres

Physical Setting: Much low wet ground seperated by gravel ridges BLOCK # 10 Information: Hydrology:Partridge River, Colvin Creek, Wetlegs Creek, Longnose Creek, Cran-Vegetation: Mixed cover/Black spruce in low wet areas Humanmade alterations:FR 420, 113, 120, 130, DM&IR, and several unnamed roads berry & Bird Lakes drainage areas and winter access roads

BLOCK # 12 Information

Pre-field Research

Previous Surveys Conducted in or near (within 1 mile) of the survey area.

YES_X_

CRRR #B

A Samuel

13 Information

pervational Expectations

- a.) Suspected Heritage Resource Sensitivity
- b.) Other Observations

BLOCK # 15 Information

Results of Field Research (Summary of Findings and Observations)

No new sites were located within this project area

BLOCK # 16 Information

NEW SITES LOCATED WITHIN SURVEY AREA

No_X_

SITES PREVIOUSLY LOCATED WITHIN SURVEY AREA

No___ Yes_X_

CRI #8

090901315 090901363 090901362

090901413

090901073

090901016