



**Crystal Falls FOREST MANAGEMENT UNIT  
COMPARTMENT REVIEW PRESENTATION**

**COMPARTMENT #180 ENTRY YEAR 2007  
Compartment Acreage: 758 County: Iron**

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**Revision Date:** August 29, 2005

**Stand Examiner:** Linda Lindberg

**Legal Description:** T45N,R34W, Sec. 2,10 and T46N,R34W, Sec. 10,13,25

**Management Goals:** To maintain the diversity of the river corridor and keep an adequate buffer along this beautiful river. Also to maintain the species diversity present both by preserving some areas and harvesting to keep a healthy forest in the aspen and the hardwood that is mature and ready for harvest.

**Soil and Topography:** Sandy to silty loams with rolling to hilly land. Some steep banks along the river in some areas.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:** These parcels of land are each surrounded by private land with public access only onto two parcels but it is unique because of the wild and scenic study river running through the parcels.

**Unique, Natural Features:** As stated above ,the proposed wild and scenic designation makes this area special and if you visit these parcels, you can see the unique qualities they own.

**Special Management Designations or Considerations:** Wild and Scenic study river designation for the Net River which all these parcels surround.

**Watershed and Fisheries Considerations:**

**Wildlife Habitat Considerations:** The scattered parcels that comprise this compartment provide the life requisites for those species that live within riparian zones. These zones should be managed in a way that provides for these species and protects the watershed while keeping travel corridors intact.

**MINERAL, OIL AND GAS CONSIDERATIONS:**

**Compartment 180: Sections 2 & 10, T45N-R34W, Iron County**

Surface sediments consist of an end moraine of coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is no current economic use for these rocks. Abandoned iron mines are located ten miles to the southeast. Land near this Compartment has not been previously leased for metallic exploration. Gravel pits are located in the area and there should be potential. There is no economic oil and gas production in the UP, currently.

**Compartment 180: Sections 10, 13, 24 & 25, T46N-R34W, and Section 7, T34N-R33W, Iron County**

Surface sediments consist of an end moraine of coarse-textured till and coarse-textured till. There is insufficient data to determine the glacial drift thickness. The Precambrian Michigamme Formation subcrops below the glacial drift. There is no current economic use for these rocks. Abandoned iron mines are located twelve miles to the southeast. Land in and near this Compartment is currently leased for metallic exploration. Gravel pits are located in the area and there should be potential. There is no economic oil and gas production in the UP, currently.

**Vehicle Access:** There is some access to all parcels but sometime it is limited and most is through private. There is the Net River fishing access site and the parcel that the Cable Lake road goes through that are readily accessible by the public.

**Survey Needs:** Most parcels that are proposed for cutting are in need of survey corners.

**Recreational Facilities and Opportunities:** The Net River Fishing site supplies a good access site for fishing or boating of all kinds.

**Fire Protection:**

**Additional Compartment Information:**

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
  - ◆ **Cover Type by Age Class**
  - ◆ **Cover Type by Management Objective**
  - ◆ **Compartment Volume Summary**
  - ◆ **Proposed Treatments – No Limiting Factors**
  - ◆ **Proposed Treatments – With Limiting Factors**
  
- **The following information is displayed, where pertinent, on the attached compartment maps:**
  - ◆ **Base feature information, stand numbers, cover types**
  - ◆ **Proposed treatments**
  - ◆ **Proposed road access system**
  - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System  
Individual Compartment Report

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: 180

Table 3

(acres shown in boxes)

STAND AGE CLASS

COVER TYPE	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	Total
Aspen		1		2				11	173	27									214
Cedar										30		9							39
Grass	1																		1
Lowlnd Brush	272																		272
Marsh	7																		7
Mx Swmp Cnfr								2	36										38
Spruce Fir									43										43
Tamarack									16										16
Upland Hdwds																		87	87
Water	41																		41
<b>Total</b>	<b>321</b>	<b>1</b>		<b>2</b>				<b>13</b>	<b>268</b>	<b>57</b>		<b>9</b>						<b>87</b>	<b>758</b>

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Michigan Department of Natural Resources - Operations Inventory System  
Individual Compartment Report

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: 180

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	214																										214
C Cedar				39																							39
G Grass					1																						1
L LowInd Brush									272																		272
N Marsh											7																7
Q Mx Swmp Cnfr												38															38
F Spruce Fir																			43								43
T Tamarack																						16					16
M Upland Hdwds																								87			87
Z Water																									41		41
<b>Total</b>	214			39	1				272		7	38							43		16			87	41		758

COPPER COUNTRY STATE FOREST

CRYSTAL FALLS FOREST MGT UNIT

IRON COUNTY

COMPARTMENT: **180**

**Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	5881 Cds	Hardwood	4398 Cds
Hardwood	676 Mbf	Hardwood	116 Mbf
Softwood	3033 Cds	Softwood	1121 Cds
Softwood	433 Mbf	Softwood	43 Mbf
Sum TotVol	11132 Cds	Sum CutVol	5837 Cds
<b>Total Cmpt Acres</b>		Acres Proposed For Cut.....	
758		275	

**CRYSTAL FALLS FOREST MGT UNIT**

**Proposed Treatments  
With NO Limiting Factors**

**Compartment: 180**    **Entry Year: 2007**

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
1	A5	37	75	55	aspen (upland)	two aged	final harvest	1		
2	M6	12		60	northern hardwood	unevenaged	thinning	1		
comnts Fmd : some hills but all seems harvestable										
14	A6	12	77	55	aspen (upland)	mature	final harvest	1		
comnts Fmd : Access could be a problem but if we get access we will cut it.										
22	M9	63		60	northern hardwood	unevenaged	selection	1		
comnts Fmd : Access is limited here but we have been let through in the past. Steep hill toward river but could be operable ...Might want to keep the harvest line at the top of the hill.										
30	A6	60	77	55	aspen (upland)	mature	final harvest	1		
36	A6	9	77	55	aspen (upland)	mature	final harvest	1		

**Total Acres..... 193**

**CRYSTAL FALLS FOREST MGT UNIT**

**Proposed Treatments  
With Limiting Factors**

**Compartment: 180**    Entry Year: 2007

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
<b>10</b>	<b>A6</b>	27	80	55	aspen (upland)	mature	final harvest	1		

TREATMENT LIMITING FACTORS: Road needed (resources not presently available)

comnts Fmd : There is a road to the edge of this property but it is surrounded by private land and access will possibly be a problem but if we can get access we will cut it with a BMP buffer. .

<b>21</b>	<b>A6</b>	55	77	55	aspen (upland)	mature	final harvest	1		
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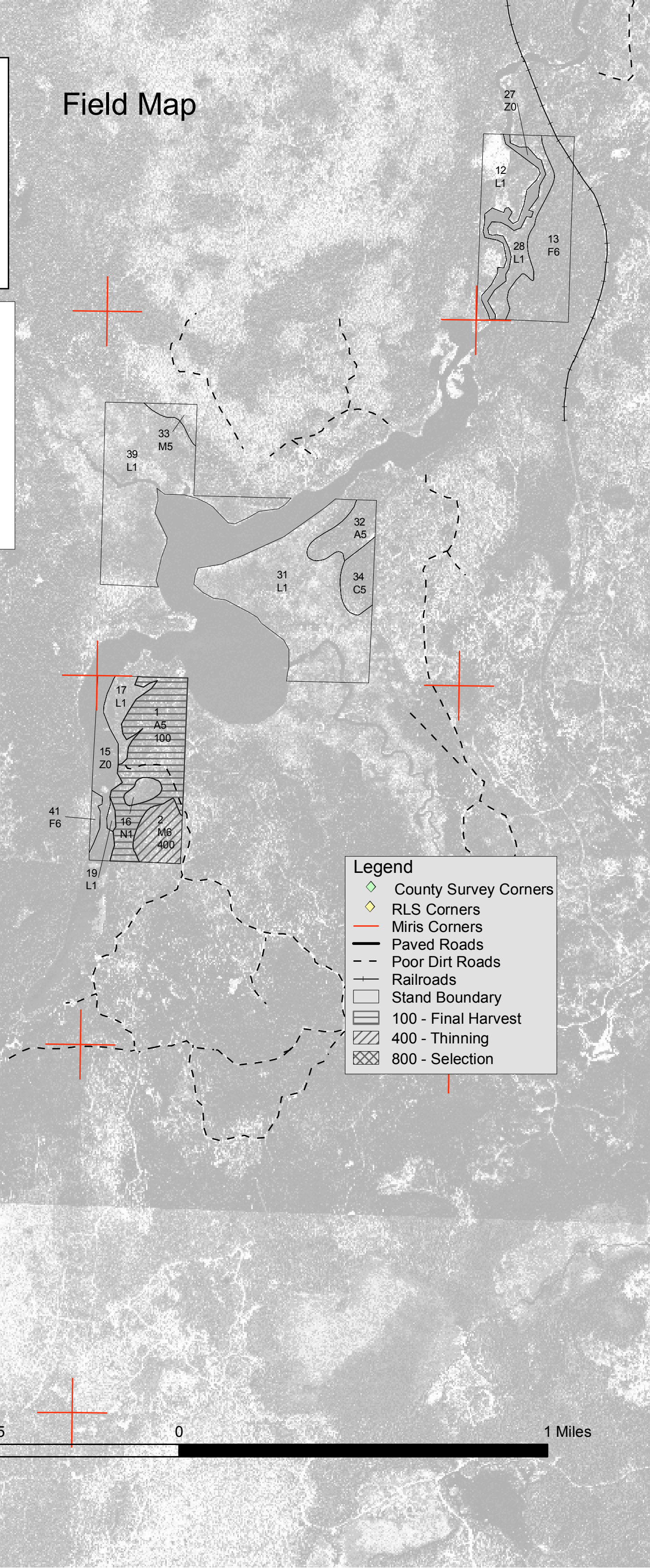
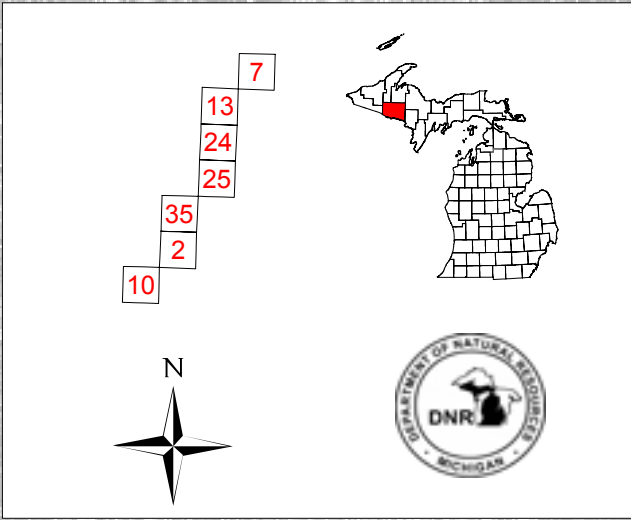
TREATMENT LIMITING FACTORS: Adjacent landowner denies access

comnts Fmd : this is another one that will need access through private land to get cut.

**Total Acres..... 82**

Compartment 180  
 T45N, R34W, Sec. 2, 10  
 T46N, R34W, Sec. 13, 24, 25, 35  
 T46N, R33W, Sec. 7  
 County: Iron  
 Unit: Crystal Falls  
 YOY: 2007  
 Acres: 758 GIS Calculated  
 Stand Examiner: Linda Lindberg  
 Map Revised: 9/09/2005  
 Map Phase: Pre-review

# Field Map

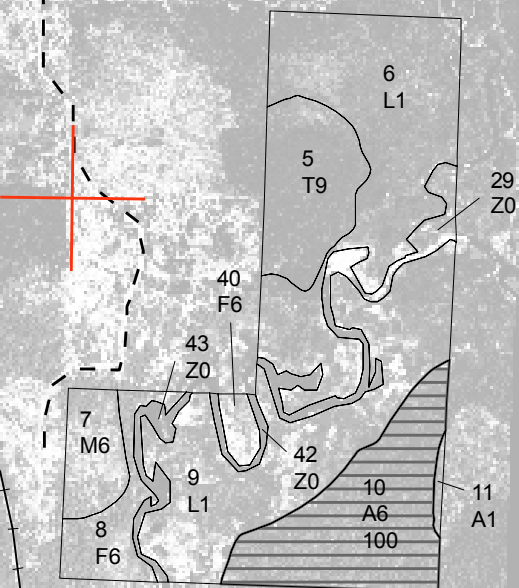
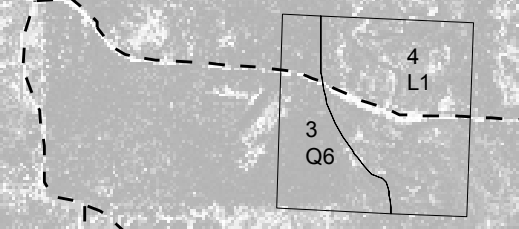
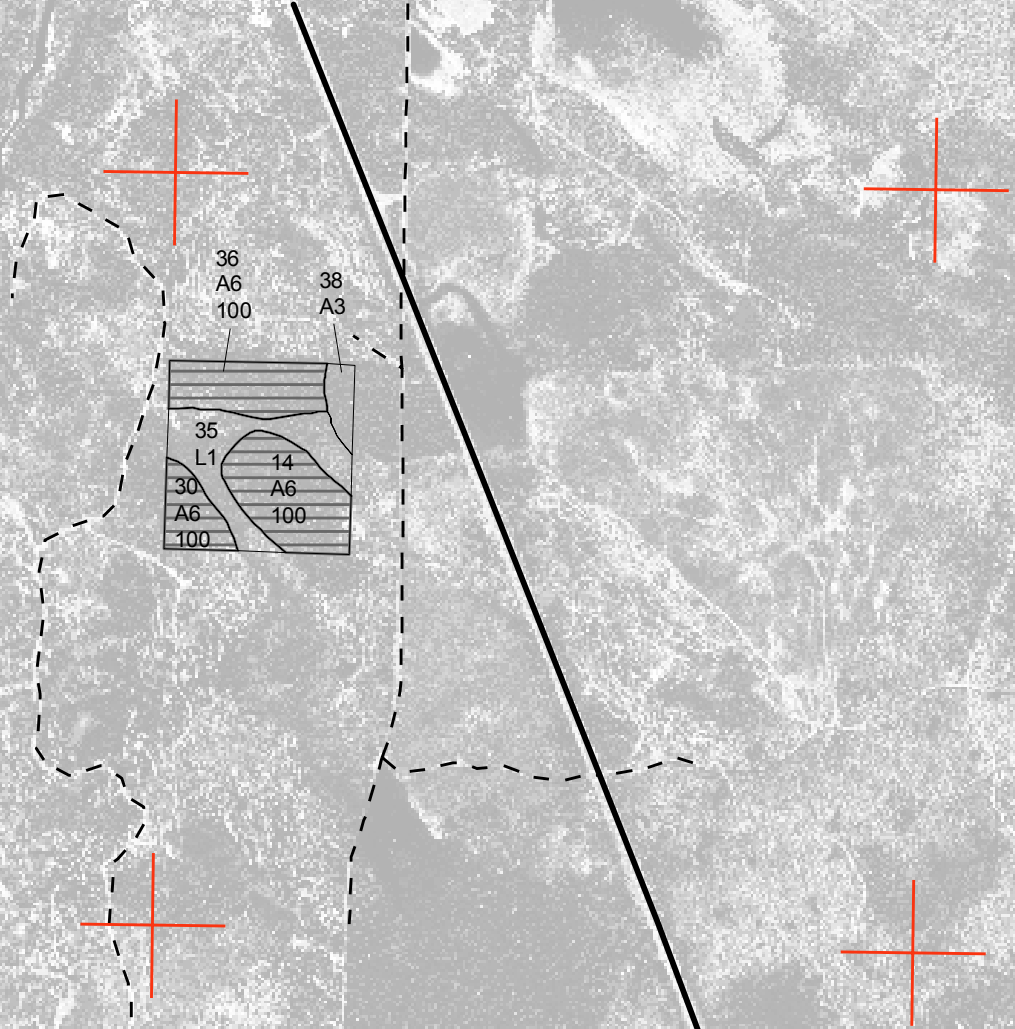
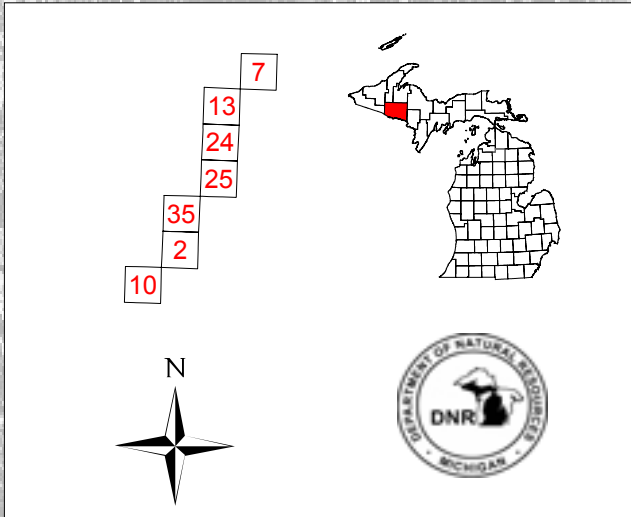


- Legend**
- ◆ County Survey Corners
  - ◇ RLS Corners
  - Miris Corners
  - Paved Roads
  - - - Poor Dirt Roads
  - Railroads
  - Stand Boundary
  - ▨ 100 - Final Harvest
  - ▩ 400 - Thinning
  - ▤ 800 - Selection

1 0.5 0 1 Miles

Compartment 180  
 T45N, R34W, Sec. 2, 10  
 T46N, R34W, Sec. 13, 24, 25, 35  
 T46N, R33W, Sec. 7  
 County: Iron  
 Unit: Crystal Falls  
 YOE: 2007  
 Acres: 758 GIS Calculated  
 Stand Examiner: Linda Lindberg  
 Map Revised: 9/09/2005  
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# Field Map



- Legend**
- ◆ County Survey Corners
  - ◇ RLS Corners
  - Miris Corners
  - Paved Roads
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