

Revision Date: 8/15/2011

Stand Examiner: Rick-James Hill

Legal Description: T47N R15W Sections 30 - 34

RMU (if applicable): Cusino Complex

Management Goals: To manage the compartment in accordance with the principles of sustainable forest ecosystem management, with emphasis on timber production, maintaining & enhancing wildlife habitat, and protection of riparian areas.

Soil and Topography: This compartment is relatively level with elevation changes of a few feet changing vegetation types from lowland fen to lowland forest to upland hardwood soils are generally composed of sands and organic peat soil types.

Ownership Patterns, Development, and Land Use in and Around the Compartment: There is no development other than one primitive camp and the roads through this compartment. The private lands mostly belong to The Forest Land Group.

Unique, Natural Features: The Driggs River lies just east of this compartment.

Archeological, Historical, and Cultural Features: The Seney Fire (1976) burned areas in the west end of the compartment.

Special Management Designations or Considerations: The Creighton Marsh patterned fen ERA as well as the Negro Creek patterned fen ERA are on the west end of this compartment.

Watershed and Fisheries Considerations: Fisheries Values Excellent. The streams above the Wide Waters are classified as First Quality Cold Water (FQCW), while the Driggs River itself and its tributaries are Second Quality Cold Water (SQCW). Fisheries Division has spent considerable time and money on streambank protection in the Driggs. A minimum no-clearcut buffer of 300 feet should be implemented along the Driggs River, consistent with BMP's.

Wildlife Habitat Considerations: This compartment lies within the Seney Sand Lake Plain ecological subsubsection. The growing season in this area is less than 100 days with extreme minimum winter temperatures of -46 F. Annual snowfall in this area averages between 120 and 140 inches. General Land Office (GLO) Surveyor notes show a mixed conifer/deciduous forest type dominated the uplands. Hemlock, white pine, beech, birch (presumably yellow birch) appeared to be the most common species. Balsam fir, red maple, and sugar maple were also common. Lowlands contained cedar, black spruce, tamarack, and some red pine. The Seney fire burned across the western portion of this compartment in. Windthrow and beaver ponding along the Driggs River and Negro Creek undoubtedly impacted the local ecology as well. Except for those areas affected by the Seney fire, today's forest (on State land) within this compartment still contains the species diversity that was mentioned in the 1851 survey. Areas affected by the Seney fire have regenerated to jack pine and black spruce. On the remaining uplands, there has been a shift in that deciduous species have become dominant over the conifers. Private lands within this compartment have experienced intensive cutting in recent years and have shifted even further toward young deciduous forest. Wildlife habitat objectives are centered upon attempting to return the upland forest to a condition similar while maintaining some closed canopy coniferous and deciduous forests. Northern hardwood stands, scheduled to be thinned, will be done so in such a manner as to promote yellow birch, white pine, and hemlock. Due to concern for the potential impacts of beech snap, oak will also be planted in these areas. The intent is to maintain hard mast within the stand. Areas that contain substantial hemlock in the understory will not be treated. This will allow the hemlock to over-take the stand and become the dominant species. Gray wolves (Federal and Michigan endangered) and moose (Michigan special concern) are known to utilize this area. Other species of interest include Phoebe, broad-winged hawk, marten, and fisher.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of lacustrine (lake) sand and gravel and peat and muck. There is minor local relief in the compartment. There is insufficient data to determine the glacial drift thickness. The Ordovician Black River Group and Prairie du Chien (PdC) subcrop below the glacial drift. The Black River is used for stone/dolomite in the UP. Gravel pits at not found in the general area and potential appears to be limited. There is no commercial oil and gas production in the UP.

Vehicle Access: There is good access up the Walsh grade some areas of the compartment have poor access due to a lack of roads and marshy ground

Survey Needs: None at this time

Recreational Facilities and Opportunities: The area is popular for both hunting and fishing.

Fire Protection: The north edge of the Seney fire burned here in 1976 there is much black spruce and jack pine in the old fire area access for fire control is moderately difficult.

Additional Compartment Information: None

- > The following reports from the Inventory are attached:
 - Total Acres by Cover Type and Age Class
 - Proposed Treatment Summary
 - Proposed Treatments No Limiting Factors
 - Proposed Treatments With Limiting Factors
 - Stand Details (Forested and Nonforested)
 - Dedicated and Proposed Special Conservation Areas

> The following information is displayed, where pertinent, on the attached compartment maps:

- Base feature information, stand boundaries, cover types, and numbers
- Proposed treatments
- Details on the road access system

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Table 1 – Total Acres by Cover Type and Age Class

Shingleton Mgt. Unit Rick-James Hill : Examiner

Compartment 147 Year of Entry 2013



							Age	Class									
	Nor	And the street of the street o	6.z	6 ^{7,0} 7	67. 10	67. 19.	10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	⁶ 5. 10	60 ^{.00}	10,00	69-00 69-00	66.00	001.001	617.01'	202 (20 ×	100 K	100,000
Aspen	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	9	
Cedar	0	0	0	0	0	0	0	52	0	0	0	0	0	0	0	52	
Hemlock	0	0	0	0	0	0	0	0	0	16	0	0	0	0	0	16	
Herbaceous Openland	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Jack Pine	0	0	0	0	190	0	0	0	0	0	0	0	0	0	0	190	
Lowland Conifers	0	0	0	0	0	30	0	16	16	24	0	0	0	0	0	86	
Lowland Deciduous	0	0	0	0	0	0	0	0	22	0	0	0	0	0	0	22	
Lowland Mixed Forest	0	0	0	0	0	0	0	0	12	3	0	0	0	0	0	14	
Lowland Shrub	427	0	0	0	0	0	0	0	0	0	0	0	0	0	0	427	
Lowland Spruce/Fir	0	0	0	0	3	0	22	0	0	63	0	0	0	0	0	89	
Mixed Upland Deciduous	0	0	0	0	0	0	0	0	0	11	0	0	0	0	0	11	
Northern Hardwood	0	0	0	0	0	0	0	0	0	484	0	0	0	0	0	484	
Upland Conifers	0	0	0	0	9	0	0	10	0	5	0	0	0	0	0	24	
Upland Mixed Forest	0	0	0	0	0	0	0	0	139	9	0	0	0	0	0	148	
Total	430	0	0	0	211	30	22	78	188	614	0	0	0	0	0	1574	J



ATICHIOAN S	Shingleton Mgt. Unit Year of Entry 2013								Compartment Total Compartment Acres:	
-			Acı	es by T	reatmen	t Type				
	Commercial Harvest - 428	Site Prep - 0		Tree P	lanting - ()	Pres	cribed Burn - 0	Other - 0	
	Habitat Cut - 0	Opening Maintena	ance - 0	Tree S	eeding - ()	Pesti	cide - 0		
			Co	over Ty	pe by Ha	rvest Met	hod			
			C. C	Selection	Seed 27	NOO LINING	Los Contraction	Se		
	Lowland	l Deciduous	22 0	0	0	0 0	22	I		
	Lowland	l Spruce/Fir	54 0	0	0	0 0	54	l		
	Northern	n Hardwood	0 343	0	0	0 0	343			
	Upland M	Mixed Forest	9 0	0	0	0 0	9	l		
		Total	85 343	0	0	0 0	428]		

Shingleton Mgt. Unit

Table 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 147 Vear of Entry 2013



S t					wi	th No I	Limiting Fac	ctor	Year of Entry 2013	DNR DNR
a n d		tment ime	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
22	41147	022-Cut	280.6	4112 - Maple, Beech, Cherry Association	High Density Log	81	Harvest	Group Selection	4112 - Maple, Beech, Cherry Association	Cmpt. Review Proposal - Incomplete
Preso Spece		BA shou	ld be 70	sf. There should be re	egen gaps scattered	d around	I to promote mic	the beech. To maintain th d and intolerant species re ealthy ones reserved or b	egen. Mesic conifers sh	ould be
<u>Other</u> Comr				Walsh through FLG the state of the second se		g easerr	nents. Group wit	th other hardwood stands	in area. Due to Walsh	road conditions
<u>Next</u> Steps	<u>s:</u>	should b	e treate) beech. Beech brush is i fe wishes this area to be p		
26	41147	026-Cut	29.7	4115 - Y.Birch, Hemlock NH	High Density Pole	81	Harvest	Group Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal - Incomplete
Preso Spece		should b	e regen	gaps scattered around	d to promote mid ar	nd intole	rant species reg	conifers. Basil areas sho len. Mesic conifers should be marked to cut at foresto	I be encouraged throug	
<u>Other</u> Comr				Walsh through FLG the state of the second se		g easerr	nents. Group wit	th other hardwood stands	in area. Due to Walsh	road conditions
<u>Next</u> Steps	<u>s:</u>	should b	e treate) beech. beech brush is i fe wishes this area to be p		
28	41147	028-Cut	32.7	4119 - Mixed Northern Hardwoods	High Density Log	81	Harvest	Single Tree Selection	4119 - Mixed Northern Hardwoods	Cmpt. Review Proposal - Incomplete
Preso Spece				to 80 sf mark to increa os in areas of mid to lo				ncrease mesic confer cor neration.	nponent where practica	I. Create
<u>Other</u> Comr		Access i this stan	s up the d will mo	Walsh through FLG the state of the second se	here may be existin er	g easem	nents. Group wit	th other hardwood stands	in area. Due to Walsh	road conditions
<u>Next</u> Steps	<u>s:</u>	should b	e treateo		controlled though se	ome othe		beech. If beech brush is ir life wishes this area could		
32	41147	032-Cut	11.4	6122 - Black Spruce	High Density Pole	81	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal - Incomplete
Preso Spece		Clearcut	this spr	uce stand reserve red	pine and white pine	e as well	as hemlock and	d cedar.		
<u>Other</u> Comr		c151. T	here will	be a number of marsh	n crossings and mu	ch winte	r road and trail	access will be through the building needed to cut the is will increase the marke	se stands. Due to the a	amount of work
<u>Next</u> Steps	<u>8:</u>	Acceptal	ble rege	neration will be a mix o	of swamp conifer sp	ecies. I	f regeneration f	ails spruce should be see	ded in cut area.	
33	41147	033-Cut	22.0	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	71	Harvest	Clearcut with Reserves	6117 - Lowland Deciduous, Mixed Coniferous	Cmpt. Review Proposal - Incomplete
Presc Spec:		Clearcut 10% of s			edar, and hemlock.	The Drig	ggs River needs	a 300 foot buffer this are	a will be retention and	may exceed
<u>Other</u> Comr		c151. T	here will	be a number of marsh	n crossings and mu	ch winte	r road and trail	access will be through the building needed to cut the is will increase the marke	se stands. Due to the a	amount of work
<u>Next</u> Steps	<u>8:</u>	Acceptal	ble rege	neration will be a mix o	of current species.	If regene	eration fails spru	uce should be seeded in c	cut area.	

Shingleton Mgt. Unit

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Table 3 -- Treatments Prescribed with No Limiting Factor

Compartment: 147 Year of Entry 2013

t a n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
35	41147035-Cut	13.0	6122 - Black Spruce	High Density Pole	81	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal - Incomplete

Prescription Clearcut this stand reserve red pine, white pine, cedar, and hemlock. The Driggs River needs a 300 foot buffer this area will be retention and may Specs: exceed 10% of sale area

 Other
 Access is up the Walsh through FLG there may be existing easements. Specific access will be through the Big Rack Sale (410220701) Unit 1 in c151. There will be a number of marsh crossings and much winter road and trail building needed to cut these stands. Due to the amount of work needed to cut these stands the sale should be sold with spruce in c151 in 2016 this will increase the marketability of a potential sale.

Next Acceptable regeneration will consist of assorted swamp conifer. If regeneration fails seed black spruce on the site. Steps:

36	41147	036-Cut	8.8	4319 - Mixed Upland Forest	High Density Pole	71	Harvest	Clearcut with Reserves	4130 - Aspen	Cmpt. Review Proposal - Incomplete
<u>Presci</u> Specs		Clearcut t exceed 10			white pine, cedar, and	l hemloc	k. The Driggs R	iver needs a 300 foot l	buffer this area will be re	ention and may
<u>Other</u> Comm	-	c151. The	ere will b	e a number of mar	sh crossings and muc	h winter	road and trail b	uilding needed to cut th	ne Big Rack Sale (41022 hese stands. Due to the ketability of a potential sa	amount of work
<u>Next</u> Steps:	:	Acceptabl	e regene	eration will be a mix	x of current species. I	f regene	ration fails spruc	e should be seeded ir	n cut area.	
38	41147	038-Cut	23.2 6	122 - Black Spruce	e High Density Pole	81	Harvest	Clearcut with Reserves	6122 - Black Spruce	Cmpt. Review Proposal - Incomplete
	·	Clearcut t	nis stand	d reserve red pine,	white pine, cedar, and	i nemioc	κ.			
<u>Specs</u> Other	<u>.</u> 	Access is c151. The	up the V ere will b	Valsh through FLG e a number of mar	there may be existing sh crossings and muc	g easeme ch winter	ents. Specific ac road and trail be	uilding needed to cut the	ne Big Rack Sale (41022 hese stands. Due to the s ketability of a potential sa	amount of work
<u>Specs</u> <u>Other</u> Comm	nents:	Access is c151. The needed to	up the V ere will b cut thes	Valsh through FLG e a number of mar se stands the sale s	there may be existing sh crossings and muc should be sold with sp) easeme ch winter ruce in c	ents. Specific ac road and trail bi 151 in 2016 this	uilding needed to cut the	hese stands. Due to the a ketability of a potential sa	amount of work
Specs Other Comm <u>Vext</u> Steps:	<u>-</u> nents:	Access is c151. The needed to	up the V ere will b cut thes e regene	Valsh through FLG e a number of mar se stands the sale s eration will be a mix	there may be existing sh crossings and muc should be sold with sp) easeme ch winter ruce in c	ents. Specific ac road and trail bi 151 in 2016 this	uilding needed to cut the will increase the mark	hese stands. Due to the a ketability of a potential sa	amount of work ale.
Specs Other Comm Next Steps: 41	<u>nents:</u> <u>-</u> <u>41147</u>	Access is c151. The needed to Acceptabl 041-Cut	up the V ere will b cut thes e regene 6.4 6	Valsh through FLG e a number of mar se stands the sale s eration will be a mix	there may be existing sh crossings and muc should be sold with sp c of swamp conifer sp	easeme th winter ruce in c ecies. If 81	ents. Specific ac road and trail b 151 in 2016 this regeneration fai Harvest	uilding needed to cut the will increase the mark s will increase the mark ls spruce should be set Clearcut with	hese stands. Due to the a ketability of a potential sa	amount of work ale. Cmpt. Review Proposal -
Specs Other Comm Next Steps: 41 Presc Specs Other	<u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	Access is c151. The needed to Acceptabl 041-Cut Clearcut t Access is c151. The	up the V ere will b cut thes e regene 6.4 6 nis stanc up the V ere will b	Valsh through FLG e a number of mar se stands the sale s eration will be a mix 122 - Black Spruce d reserve red pine, Valsh through FLG e a number of mar	there may be existing sh crossings and muc should be sold with sp of swamp conifer sp High Density Pole white pine, cedar, and there may be existing sh crossings and muc	g easeme ch winter ruce in c ecies. If 81 d hemloc g easeme ch winter	ents. Specific ac road and trail b 151 in 2016 this regeneration fai Harvest k. ents. Specific ac road and trail b	uilding needed to cut the will increase the mark s will increase the mark Is spruce should be se Clearcut with Reserves	hese stands. Due to the a ketability of a potential sa	amount of work ale. Cmpt. Review Proposal - Incomplete 0701) Unit 1 in amount of work

S t a		Shingle	ton Mgt. Unit	Table 4		ents Prescrib ng Factor	ed with	Compartment: 147 Year of Entry 2013	DINATURAL DINATURAL
n d	Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
			#Error						
Presc Specs	ription S:								
<u>Other</u> Comn									
<u>Next</u> <u>Steps</u>	<u>:</u>								
	ng Factor and No ment Reason	<u>)</u>							
Ac	Total Treatmen reage Propose		0						

Out of YOE -- Treatments Prescribed with No Limiting Factor

Year of Entry: 2013



Treatment Name	Acres	Stage1 CoverType	Size Density	Stand Age	Treatment Type	Treatment Method	Cover Type Objective	Approval Status
41022_OutOfY OE-Cut	35.6				Harvest	Systematic Thinning	42110 - Planted Red Pine	Cmpt. Review Proposal
Prescription_3rd Specs:	row thinnii	ng. Cut all trees in de	signated rows. R	lows can be	e spaced wider	apart in areas with lower	basal area. Do not cut	hemlock and oak.
<u>)ther</u> Do Comments:	not cut any	y trees within 50 feet	of the West Brar	ich Manistio	que River.			
<u>Next</u> Thi <u>Steps:</u>	n next year	r of entry.						
41049_OutOfY OE_1-Cut	4.7				Harvest	Single Tree Selection	42290 - Natural Mixed Pine	Cmpt. Review Proposal
		and white pine to 30 Cut all other species				tion where pine exists. Ar	eas that have thicker y	oung poles can be
•		Cut all other species	except hermook	and oak if	present.			
		nd is too difficult for c	·		present.			
Comments:	cess to star	nd is too difficult for c	ontinuous thinnir	ıg.		on includes any species r	nixture currently found	onsite.
<u>comments:</u> <u>lext</u> Re	cess to star	nd is too difficult for c	ontinuous thinnir	ıg.		on includes any species r Single Tree Selection	nixture currently found 42290 - Natural Mixed Pine	onsite. Cmpt. Review Proposal
Comments: lext Reg Steps: 41053_OutOfY OE-Cut Prescription_Ma	cess to star generation / 10.2 rk red pine	nd is too difficult for c walkthrough during r	ontinuous thinnir ext inventory cyc sq. ft. Create ga	ng. de. Accepta	able regenerati Harvest		42290 - Natural Mixed Pine	Cmpt. Review Proposal
Comments: Lext Reg Steps: 41053_OutOfY OE-Cut Prescription Ma Specs: ma	cess to star generation 7 10.2 rk red pine rked to 80.	nd is too difficult for c walkthrough during r and white pine to 30	ontinuous thinnir ext inventory cyc sq. ft. Create ga except hemlock	ng. de. Accepta ps in canop and oak if	able regenerati Harvest	Single Tree Selection	42290 - Natural Mixed Pine	Cmpt. Review Proposal

S t	Shingleton Mgt. Unit			5 – Fo	prested Sta	nds Compartment: 147 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
1	6120 - Lowland Cedar	Medium Density Pole	11.0	65		
3	6120 - Lowland Cedar	High Density Pole	40.8	65	51-80	
4	4319 - Mixed Upland Forest	High Density Pole	22.4	76	81-110	
5	4191 - Mixed Upland Deciduous with Conifer	High Density Pole	11.3	81	51-80	
6	6122 - Black Spruce	High Density Pole	6.9	50		
7	4130 - Aspen	High Density Pole	5.8	34		
8	6131 - Hemlock, White Pine, Maple, Birch	High Density Pole	2.6	81		
9	42350 - Upland Hemlock	High Density Pole	16.0	86		This was a birch stand its now moving toward a hemlock stand it should be factor limited due to wildlife.
11	6122 - Black Spruce	High Density Pole	9.6	51		
12	6126 - Lowland Jack Pine	High Density Sapling	173.9	34		This is a jack pine and spruce stand; it is a result of the seney fire.
13	6127 - Lowland Pine	Low Density Sapling	16.1	75		Cut in 2009-2010 in Walsh softwood. The current forest cover is residual left after the cut.
14	429 - Mixed Upland Conifers	High Density Log	3.9	81		
15	4130 - Aspen	High Density Sapling	3.1	37		
16	6122 - Black Spruce	High Density Pole	5.8	51		
17	6126 - Lowland Jack Pine	Medium Density	16.1	34		An area burned by Walsh ditch fire in 1976 coming back to jack pine and spruce.
19	6122 - Black Spruce	High Density Sapling	3.2	36		spot fire during the seney fire of 1976
20	6127 - Lowland Pine	Low Density Pole	23.6	81		This stand was clearcut in the winter of 2010 the timber present is residual pine and hemlock no regeneration was apparent yet.
21	6131 - Hemlock, White Pine, Maple, Birch	High Density Pole	11.7	71		

S t	Shingleto	n Mgt. Unit		5 – Fo	prested Sta	nds Compartment: 147 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
22	4112 - Maple, Beech, Cherry Association	High Density Log	280.6	81	111-140	This stand is a diverse hardwood stand with red maple being dominant. The stand has a lot of beech that all is being adversely affected by BBD. There is a fair amount of hemlock and other mesic conifer present in the stand.
						Old stand comments Stand was cut by corrections to promote yellow birch and hemlock reproduction. Stand was scarified by bulldozer after cut. Initial findings appear to be successful. In NWSW two small wandering clearcuts were made on south side of the trail road. [8/14/03 RFT] 3000 acorns and 500 oak from 6" pots were planted by inmates under FTP #W41-1064.
23	429 - Mixed Upland Conifers	Low Density Pole	1.0	81	1-50	Cut with walsh softwoods
24	4319 - Mixed Upland Forest	High Density Pole	9.0	81		
25	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	29.7	42		
26	4115 - Y.Birch, Hemlock NH	High Density Pole	29.7	81	111-140	
27	4319 - Mixed Upland Forest	High Density Log	107.4	76		
28	4119 - Mixed Northern Hardwoods	High Density Log	32.7	81	81-110	d
29	6129 - Mixed Coniferous Lowland Forest	Medium Density Pole	16.2	61		This stand is lowland conifer in the transition area between the fen and hardwood in the compartment.
30	4119 - Mixed Northern Hardwoods	High Density Pole	138.8	81		This stand was cut last entry period. Beach is in poor shape with much of dying.
						Old stand comments Stand was cut by corrections to promote yellow birch and hemlock reproduction. Stand was scarified by bulldozer after cut. Initial findings appear to be successful. In NWSW two small wandering clearcuts were made on south side of the trail road. [8/14/03 RFT] 3000 acorns and 500 oak from 6" pots were planted by inmates under FTP #W41-1064.
32	6122 - Black Spruce	High Density Pole	11.4	81		
33	6117 - Lowland Deciduous, Mixed Coniferous	High Density Pole	22.0	71		
35	6122 - Black Spruce	High Density Pole	13.0	81		
36	4319 - Mixed Upland Forest	High Density Pole	8.7	71		

S t	Shingleto	n Mgt. Unit		5 – Fo	prested Sta	nds Compartment: 147 Year of Entry: 2013
a n d	Level 4 Cover Type	Size Density	Acres	Stand Age	BA Range	General Comments:
37	6122 - Black Spruce	Medium Density Pole	8.9	80		This area was a D type in previous inventory it is a low SI spruce and tamarack site
38	6122 - Black Spruce	High Density Pole	23.2	81		
39	429 - Mixed Upland Conifers	High Density Pole	8.6	31		
40	4115 - Y.Birch, Hemlock NH	High Density Pole	2.0	81	111-140	
41	6122 - Black Spruce	High Density Pole	6.4	81		
42	429 - Mixed Upland Conifers	High Density Pole	10.2	60		This area is a composite stand that borders the Driggs River and is surrounded by private and forest land group lands.

Shingleton Mgt. Unit

6 – Nonforested Stands

Compartment: 147 Year of Entry: 2013



						M/CHIGAN
Stand	Cover Type	Acres	Managed Site	Management Priority (Objective)	General Comments:	
2	6221 - Fen	375.5	No	Low (NonForested)		
10	6221 - Fen	50.0	N\A	Unspecified		
18	6221 - Fen	2.0	N\A	Unspecified		
31	310 - Herbaceous Openland	1.3	N\A	Unspecified		
34	310 - Herbaceous Openland	1.3	N\A	Unspecified		



7 – PROPOSED SPECIAL CONSERVATION AREA* (SCA) DETAILS

* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

Stand	SCA Type	SCA Name	Acres	Comments



8 – DEDICATED CONSERVATION AREA DETAILS

* This is a list of Dedicated Biodiversity Areas for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to Dedicated Conservation Area Map for areas that the below listed Conservation Areas are located.

Conservatio Area	on Type	Description	ERA = Ecological Reference Area HCVA = High Conservation Value Area SCA = Special Conservation Area
SCA	Cold Water Stream	A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.	
ERA	Ecological Reference Areas	Ecological Reference Areas (ERAs) are high quality examples of natural communities that have been identified as Element Occurrences (EOs) by the Michigan Natural Features Inventory (MNFI) within the context of their natural community classification system. Element Occurrences with viability ranks of A (Excellent) or B (Good) and a Global (G) or State (S) element (rarity) ranking of endangered (1), threatened (2), or rare (3) serve as an initial base of ERAs. They may be located upon any ownership in the State. The system is comprised of individual or associations of natural community types that are managed for restoration and maintenance of natural ecological processes and values. The public may submit recommendations for lands as ERAs using the DNR Conservation Area Recommendation Form.	





