

Revision Date: July 13, 2010

Stand Examiner: Theresa Sysol

Legal Description: T43N R24W Section(s) 28 - 33

Identified Planning Goals ('Management Area' or 'RMU', if applicable):

Management Goals: To maintain forest health, diversity and sustainability while considering wildlife, fisheries, recreational and environmental needs and concerns.

Soil and Topography: Uplands are sandy loams and silt loams. Lowlands are poorly drained organic peat or mucks. The topography is flat to gently rolling, with some steeper river banks.

Ownership Patterns, Development, and Land Use in and Around the Compartment: Large dairy and potato farms on SW boundary, SE contains some hay production, but most farms are being used just for residences or hunting camps. Hunting camps to the north.

Unique, Natural Features: Escanaba River. Nice flowing spring within stand.

Potential for northern goshawk and red-shouldered hawk. Potential for eagle, osprey, and great blue heron rookery. Potential for moose and wolf. Potential for wood turtle. Potential for auricled tway-blade, veiny meadow rue, western dock, Farwell's water-milfoil, alternate leaved water-milfoil, and linear-leaved gentian along riparian areas. Potential for calypso orchid, rayless mountain ragwort, and ram's head lady's-slipper in conifer swamps. MNFI concern identified.

Archeological, Historical, and Cultural Features: None identified with HAL

Special Management Designations or Considerations: Special Conservation areas along the Escanaba River, Swimming Hole Creek and Leisner Creek. Large cedar swamp complex also.

Watershed and Fisheries Considerations: Escanaba River, Swimming Hole Creek and Leisner Creek

Wildlife Habitat Considerations: This compartment lies within the Ralph Ground Moraine Management Area. For all SCA, biodiversity maintenance stands-maintain or protect movement corridors along riparian areas near the Escanaba River, Leisner Creek, and Swimming Hole Creek for wildlife. Maintain and/or protect mature conifer for snow intercept and thermal values associated with this deer wintering complex. Promote biological legacies such as old forest characteristics in the form of snags, coarse woody debris, and intact nutrient cycles. Maintain or increase biodiversity in northern hardwood stands through retention of associate species.

Mineral Resource and Development Concerns and/or Restrictions: Surface sediments consist of medium-textured glacial till, peat and muck and an end moraine of medium-textured till. There is less than 10 feet of glacial drift or insufficient data to determine the glacial drift thickness. The Ordovician Trenton and Black River Groups subcrop below the glacial drift. These rocks are quarried for stone/dolomite

elsewhere in the UP. Gravel pits are located in the south half of the compartment, where there is good potential. Abandoned iron mines are located twelve miles to the north, but this compartment has never been leased. There is no economic oil and gas production in the UP.

Vehicle Access: Generally good along the east side of the Escanaba River, although the Escanaba River Road could use some repairs and routine grading. West of the Escanaba River access is blocked by private lands and Leisner Creek.

Survey Needs: Need corners around private 40 in Section 29. Also need corners for boundary of private land in Section 32.

Recreational Facilities and Opportunities: Stand 48 is the old Escanaba River SFCG, which was closed in 1995. It still sees significant use for swimming and boating, as well as camping. Several other locations can be found along the river, also, where people have camped. High use for hunting and fishing in general throughout compartment.

Fire Protection: Considerable response time would be needed, and most likely any natural occurring wildfires here would require a lot of suppression efforts due to inaccessibility and heavy soil types.

Additional Compartment Information: This compartment receives a lot of use for hunting deer and grouse. Access for the Escanaba River is good in this compartment, so fishing opportunities are high also.

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

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 81

Table 3

		(8	acres shov	vn in boxe	s)			s		E 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		24	57	253	51			27	102										514
Black Spruce										37		20							57
Cedar										39	789	19	40						887
Grass	16																		16
Hemlock												7							7
LowInd Brush	73																		73
LowInd PopIr				1							27								28
Mx Swmp Cnfr					3				4	30		32	119						188
Spruce Fir							2	7	13		11								33
Swamp Hrdwds											8							6	14
Upland Hdwds																		147	147
Water	40																		40
Total	129	24	57	254	54		2	34	119	106	835	78	159					153	2004

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ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 81

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	А	S	V	С	G	н	J	Ι	L	Ρ	Ν	Q	Х	0	В	R	К	Y	F	Е	Т	D	U	М	Ζ	W	Total
A Aspen	514																										514
S Black Spruce		57																									57
C Cedar				887																							887
G Grass					16	5																					16
H Hemlock						7																					7
L LowInd Brush									73																		73
P LowInd PopIr										28																	28
Q Mx Swmp Cnfr												188															188
F Spruce Fir																			33								33
E Swamp Hrdwds																				14							14
M Upland Hdwds																								147			147
Z Water																									40		40
Total	514	57		887	16	6 7	7		73	28	8	188							33	14				147	40		2004

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

ESCANABA RIVER STATE FOREST

GWINN FOREST MGT UNIT

MARQUETTE COUNTY

COMPARTMENT: 81

Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS

	COMPARTME	NT SUMMARY		
TOTAL \	/OLUME	CUT VC	DLUME	
Hardwood	8400 Cds	Hardwood	2720 Cds	
Hardwood	359 Mbf	Hardwood	11 Mbf	
Softwood	17822 Cds	Softwood	843 Cds	
Softwood	81 Mbf	Sum CutVol	3585 Cds	
Sum TotVol	27102 Cds			
	npt Acres	Acres Propose	ed For Cut	208
200)4	Acres Meeting	Silv Criteria	440
		Acres Not Mee	eting Silv Criteria	1564

Acres Unable to Determine Silv Criteria For.....

	GWIN	IN FOR	EST I	MGT UN	IIT	Proposed T With Limitir		Compart	tment: 81	Entry Year: 2012
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
11	Μ6	7	0	56	NORTHERN HARDWOOD	IMMATURE	THINNING	3		
TREATMEN	IT LIMITI	NG FACI	ORS:		by other physical of a termination of the second seco					
	cont corp treat swa	tains stain oorate har tment nex le of coni	i, canke vest, th it entry. fers wh	ers, seams ough. Sta This star ich will h	and forks. Low g ate hardwood stand nd should be treate ave to be crossed	round surrounds s d to north (C. 80 s ed along with that	tand, creating diff tand 11 - 2016 Y stand, if possible, ugh. Otherwise,	icult access. (DE) was alread to create a most stand will have	Old blue lines are ly treated, but is ore marketable sa e insufficient vol	in 1989. Low quality - e in place from private scheduled for possible ale. There is still a low ume on it's own to
18	A6	73	76	68 A	ASPEN (UPLAND)	MATURE	FINAL HARVES	T 2		
REATMEN	IT LIMITI	NG FACI	ORS:			idge not available o ot presently availal				
comnts Fm	furtl wou	her evalua Id also ne	ation fo eed to b	r feasibili e granted	ty of bridge and co , and this would be	onstruction of new	road to access tin owplow. Includes	nber across Le s small F stand	eisner Creek. Cre from last entry.	2010: Area will need ossing private property Try and include C. 72 nd 67,68
57	М9	5	0	56	NORTHERN HARDWOOD	UNEVENAGE D	SELECTION	3		Prescribed for FDF treatment
REATMEN		NG FACI	ORS:	Land sur	rvey needed					
comnts Fm	sout timb in cl	h. Privat per to cut lumps - ta	e lines in NES trget so	have been W). Very me of the	n run by adjacent la y little regeneration se for selection. N	andowners? (unreg n established at thi	gistered stakes/pip is time. Sedge, le ler diameter. Son	bes in ground u atherwood, ma	used for line esta aidenhair fern no	ccess through private to blishment - marked ted. Basswood mainly and blind within stand.
59	A6	20	36	65 A	ASPEN (UPLAND)	IMMATURE	FINAL HARVES	T 1		
REATMEN		NG FACI	ORS:	Land sur	rvey needed					
comnts Fm	71 the l cut, rece surv	Quite a binigher growith MO with MO ntly estab rey would	it of blo ound w being blished be des	owdown fi here the si acceptable (run from ireable).	ir and aspen in the tand transitions int e as mix of A/M. 1 unregistered stake Mixed spps are: ba	stand - esp. along to M9 type (1-2" o Lower ground in tl es, although old bl	the G edge and o dbh and 25" hts). he NW - drops in aze was noted) an herry, YB, ironwo	n low ground. Should try an to ash swale and d could be use	Good M regene d protect this reg nd tamarack/ceda ed, based on GPS	so. 2010: Sale # 012- eration coming in on generation when A is ur. Private N/S line S data (although formal s, cedar - mark other

Total Acres..... 105

	GWI	NN FOR	ESTI	MGT U	NIT		Treatments niting Factors	Compart	ment: 81	Entry Year: 2012
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
19	F5	7	60	65	SPRUCE-FIR (UPLANDS- INCLUDING UPLAND BLACK SPRUCE)	TWO AGED	FINAL HARVES	Γ 2		
comnts Fmd					very narrow road st Soils are Nadeau-			way). Leave	smaller S/F (1 s	tick and less). Stand
21	A5	7	37	65	ASPEN (UPLAND)	TWO AGED	FINAL HARVES	Г 2		
comnts Fmd	dieb	ack, brea	kage (o	lder con	dition) - slight kno	b. Some small el	en (3 stick), but ov m, cherry within - d lcona-Voelker. 20	conifer patch		dy to treat, due to etained. Ground cover
33	A6	19	70	70	ASPEN (UPLAND)	MATURE	FINAL HARVES	Г 1		
44	mar	ked to lea	we. So	me bassv	vood clumps will b	e marked to leave graphy. Soils are	ity found, all paper e and the remainder Nadeau-Mancelona FINAL HARVES	harvested. S a. 2002: stand	ale cut boundar	se will have a few y line will not drop into
comnts Fmd	area and cond	s are sma springs n	ller (on nay be p nd stand	ly 2" dbl present. d size ma	n and 20' ht) - part Ground cover of sp	of old cut from 19 phagnum, lab tea	962?? Some sparse and leatherleaf. W	er, wetter area ould need to b	s also, as stand t be winter cut onl	rack interior, but some ransitions into cedar ly (with good winter Deford and Paquin-
45	A6	27	60	60	ASPEN (UPLAND)	MATURE	FINAL HARVES	Г 1		
comnts Fmd	in st coni swal	tand - trea	at now. along ea south e	Several ast side ond of sta	salvage cuts previo of stand. Some sma	ously in the 1980' aller maple within	s. Leave any YB, on to cut - low quali	C, WP and lar ty. There is a	ge diameter WS fairly large wet	f blowdown occurring for diversity - good (ash mixed with cedar) s are Croswell-Deford
63	A5	10	70	65	ASPEN (UPLAND)	MATURE	FINAL HARVES	Г 1		

Total Acres..... 103

		GWIN	IN F	ORE	STN	IGT (JNIT	Sta	nd Level Inf	ormation	Com	partment: 81	Entry	Year: 2012
۰.	Cover Type-	Under Story-	A c		avg.					ner description	Packets Glo	ssary of Terms" do definitions.	ocument lin	k on web site
n .	Size Dnsty	Stkng Level	e S	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
	C 6	Q 1	674	90	7	120	27	cedar	old growth (potential or actual)	Ν		not scheduled	0	
	-		dar o	r Hem	lock c	utting	restrain I growth							
comn		adja grou Soils	cent t ind co s are	to mor over no Carbos	e upla oted. ndale	and stat Some Tawas	nds. St cutting 5. 2002	edar complex, whic and contains occasi done pre-1939. So : stands 1,3,9,24	ional spruce, m ome ash regener	aple, yellow	v and paper b oted, and hea	irch, and balsam f avily browsed - no	ir. Tagalde cedar rege	r, sphagnum neration seen.
	Wld	prote	ect rip	oarian	area,	allow f	or natu	nd part of a deer wi ral processes to occ form of down wood	cur, protect mat	ure conifer	for snow inte	rcept and thermal	dlife corric protection	lors and for wildlife,
	Q 6	X 0	30	82	7	120	27	mixed swamp conifer	low quality	Y		not scheduled	0	
	-	Treatme Ce					restrain	ts						
omn	ts Fmd	: Tran note	isitioi d, bu	n stand	l. Re ily bro	cords i owsed.	ndicate	larger BF (3 stick - dar regen. Some de						
	M 6	X 0	7		8	80	65 1	northern hardwood	low quality	Ν		10-19 years	0	
omn	ts Fmd	Larg locat runn	ge dia ted of ing N	meter n prop	wildli erty e o stan	ife tree dges. d)- wai	s and 6 Best ac	ss through private. -8" poles which are cess to stand is thro reat (if access is gra	forked, defection for the forked, defection for the formation of the forma	ive, stained. nd (E-W roa	No seedling d from stand	/sapling regenerat 6 into private, and	ion noted. I then alon	Several blinds g swale
	S 6	S 2	20	98	6	70	31 b	lack spruce-swamp	immature	Y		20-29 years	0	
	-	<u>Treatme</u> To	nt Lir o wet	-	Facto	<u>rs:</u>								
omn	ts Fmd	note	d. Pı	esence	e of d	eer run	ways.	CE. 2010: Extrem Some of the more of Vould require froze	open areas cont	ain pitcher J	plants and sm	all 1" saplings of '		
	A 5	M 2	24	30	5	40	63	aspen (upland)	immature	N	*	20-29 years	0	
omn	ts Fmd	(#02 thick	5-76. ker th	A "Ew an edg	ving B ges, w	lock), hich al	but sale so inco	uttings, which is no e was incomplete ar orporates an old G s in the stand also, as	nd then finished tand (stand 402	l as t. sale # 2) which cou	005-85-2 (cu ntains some s	t Feb/March, 1985 mall spruce, fir an	5). The int d cherry.	erior aspen is Old residual
	M 9	X 0	80		12	90	65 ।	northern hardwood	unevenaged	Ν		10-19 years	0	
omn	ts Fmd	sale' trout	'. 20 t lily,	10: Tl dutch	he sec man b	ond se breeche	lect cut es. A sr	to log size. Excelle is showing very lit nall cedar inclusior becomes established	tle/no regenera falls within st	tion - heavi and. Roads	ly browsed. I are winter ac	Raspberry brush u ccess only. No cut	nderstory,	with leeks,
	Α3	F 1	24	25	4	10	65	aspen (upland)	immature	Ν		30-39 years	0	
comn	ts Fmd	Aspe stand	en is :	now 3	5 - 50	' tall -	coming	WELL-STOCKED into merchantabili und. Some PB and	ty. Access to s	tand is wint	er only - need	d to cross swale w	/marsh, tag	alder, and

		GWIN	IN F	ORE	ST N	IGT (JNIT	Star	nd Level Inf	ormatio	n Compa	artment: 81	Entry	fear: 2012
		Under Story-	A c		avg.					er descript	nt Packets Gloss ions and code c	sary of Terms" do lefinitions.	ocument lin	k on web site
	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
	Q 1	F 1	3	31	0	0	30	mixed swamp conifer	old growth (potential or actual)	Ν		not scheduled	0	
m	nts Fmd	: SCA	- fa spru	lls with ce. 20	hin de 10: T	er win agalde	tering a r is 10	rrea - cutting experin - 16' hts and 1-2" db	nent to obtain h; no cedar reg	cedar regender regender regender at the second s	neration. 2000: was noted. 200	strip cut in 70s. 2: stand 5	Mostly ald	er, some fir
	Wld	prote	ect ri	parian	area, a	allow f	or natu	nd part of a deer wi ral processes to occ form of down wood	ur, protect mat	ure conifer	for snow interest	cept and thermal		
	E 6	F 1	6		11	100	57	swamp hardwoods	low quality	Ν		not scheduled	0	
			nd si	<u>miting</u> urvey n quality	eedeo									
mı	nts Fmd	dead mucl occu	l ced h hei irred	ar with re to re . MO o	nin sta emove of eith	nd, and . Som er E or	l quite e privat Q wou	a large component of a bit of blowdown b te cut lines have bee ild be acceptable. C ude WS, H. Soils a	balsam fir. Sal n established, a bround cover o	vage/impro although th f princess j	ovement cut only nere are no know pine, club moss	y would be prese wn corners prese	ribed as th nt, and cutt	ere is not ing has
	Q 6	F 1	32	105	9	90	28	mixed swamp conifer	mature	Y		not scheduled	0	
m	nts Fmd	with	in. 4	Also co	ontain	s mixe	d hardv	ly good cedar. 2010 wood of RM, YB, as sley. 2002: stand 19	h and overstor					
	M 6	M 1	7		9	100	56	northern hardwood	immature	Ν	thinning	within 0-9 year	s 3	
			ocked	d by ot	her ph	ysical	obstacl small a	e acreage						
ımc	nts Fmd	conta corp treat swal	ains orate men e of	stain, o e harve t next o conife	canker est, tho entry. rs whi	rs, sear ough. This s ch wil	ns and State ha tand sh l have t	LOSED SALE. 201 forks. Low ground ardwood stand to no nould be treated alor to be crossed to reac l be dropped for now	surrounds stan rth (C. 80 stan g with that sta h stand, thougl	d, creating d 11 - 2010 nd, if possi n. Otherwi	difficult access 5 YOE) was alro ble, to create a (se, stand will h	. Old blue lines eady treated, but more marketable ave insufficient	are in plac is schedule sale. Ther	e from private ed for possibl e is still a low
<u>)</u>	H 9	M 1	7		12		34	hemlock	mature	Ν		not scheduled	0	
		<u>Treatme</u> Ce		-			restrain	ıts						
omi	nts Fmd	type supp	som ress	e E2 c ed. 20	oming 10: "l	g in 1" Hungry	dbh. C 7 Deer 3	ving, with porky dan Overstory is residual. Sale" #028-82A - cu - Ensley mucks and	Cedar more r it Jan-March, 1	epresentati 983 - with	ve of site index some E2 pocke	as ash hardwoo	d was resid	ual and
3	M 6	M 1	9		9	90	65	northern hardwood	unevenaged	Ν		10-19 years	0	
omi	nts Fmd							h, 16-20' height, but hman breeches. 200		ges contai	n a little thicker	regeneration. C	bround cove	er of
ŀ	A 3	F 1	2	26	3	0	60	aspen (upland)	immature	Ν		30-39 years	0	
omi	nts Fmd							1983. Small patch t. Soils are Nadeau				West side of roa	ad contains	a thicker fir

							INIT	Star	nd Level Info		n comp	artment: 81	Entry Y	
		Under Story-	A c		avg.					er descript	nt Packets Glos ions and code	sary of Terms" do definitions.	cument lin	k on web site
	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
	Q 6	F 3	108	108	9	100	35	mixed swamp conifer	old growth (potential or actual)	Y		not scheduled	0	
	-	To Infl	tentia o wet luenc	al or de t ce zone	esignat es	ted old	-							
mnt	ts Fmd							naba River. Could b perched roots. Soi					d with sma	all campsite
	Wld	prote	ect rip	parian a	area, a	allow f	or natu	nd part of a deer wir ral processes to occu form of down woody	ur, protect matu	ire conifei	for snow inter	cept and thermal		
	Z 0	Z 0	19			0		water	nonstocked	Ν		not scheduled	0	
mn'	ts Fmd	: Esca	naba	River	,									
	P 6	F 1	27	89	8	70		balsam poplar & swamp aspen and swamp white birch	old growth (potential or actual)	Y		not scheduled	0	
	-	Treatme	nt Lir	niting	Factor	rs:			actualy					
	_			al or de e zone	-	ted old	growth							
mnf	ts Fmd	: SCA north	.: ripa h, P	arian co type to	orrido o south	h. 201		along Escanaba Riv not re-checked; suffi						
	Wld	: SCA prote	-Pote ect rip	parian a	Old Gr area, a	rowth S allow f	or natu	nd part of a deer wir ral processes to occu form of down woody	ur, protect matu	ire conifei	for snow inter	cept and thermal		
	A 6	F 1	73	76	10	00	68	aspen (upland)	mature	Y	final harvest	within 0-9 years	2	
	-	Treatme			.0	80				•		within 0-5 years	2	
	-		dge r	needed	Factor	<u>rs:</u> able br		t available or inadeq ently available)	quate)	·		within 0.5 years	2	
omni	-	Ro 2000 furth wou	dge r ad ne): wo ier ev ld als	needed eeded ould new valuations so need	Factor d (porta (resou ed a b on for d to be	rs: able br urces no oridge a feasib e grante	ot prese and acce ility of ed, and		land or use a lo tion of new roa g winter snowp	ng winter d to acces low. Incl	ss timber across udes small F sta	r snowmobile trai Leisner Creek. (and from last entr	. 2010: A Crossing pr y. Try and	rivate proper include C.
	-	Ro 2000 furth wou	dge r ad ne): wo ier ev ld als	needed eeded ould new valuations so need	Factor d (porta (resou ed a b on for d to be	rs: able br urces no oridge a feasib e grante	ot present and acco ility of ed, and if possi	ently available) ess through private l bridge and construc this would be a long	land or use a lo tion of new roa g winter snowp	ng winter d to acces low. Incl	ss timber across udes small F sta	r snowmobile trai Leisner Creek. (and from last entr	. 2010: A Crossing pr y. Try and tand 67,68	rivate proper include C.
1	ts Fmd F 5	Ro 2000 furth wou stand F 3	dge r ad ne): wo ler ev ld als ds 5,6 7 7	needed eeded o valuatio so need 6,8,9 w 60	Factor d (porta (resou ed a b on for d to be when s 7 7	rs: able br urces no pridge a feasible grante egrante 60	ot press and acc ility of ed, and <u>if possi</u> 65 s very n	ently available) ess through private l bridge and construc this would be a long ble. Soils are a mix spruce-fir (uplands- including upland	land or use a lo tion of new roa g winter snowp , including Em two aged	ng winter d to acces low. Incl met, Kalk Y val along	ss timber across udes small F sta aska, and Paqu final harvest	r snowmobile trai Leisner Creek. (and from last entr in-Finch. 2002: s within 0-9 years	2010: A Crossing pr y. Try and tand 67,68 2	rivate proper include C.
) omnt	ts Fmd F 5	Ro 2000 furth wou stand F 3	dge r ad ne): wo ler ev ld als ds 5,6 7 7	needed eeded o valuatio so need 6,8,9 w 60	Factor d (porta (resou ed a b on for d to be when s 7 7	rs: able br urces no pridge a feasible grante egrante 60	ot press and acc ility of ed, and <u>if possi</u> 65 s very n	ently available) ess through private l bridge and construc this would be a long ble. Soils are a mix spruce-fir (uplands- including upland black spruce) arrow road stand (ha	land or use a lo tion of new roa g winter snowp , including Em two aged	ng winter d to acces low. Incl met, Kalk Y val along	ss timber across udes small F sta aska, and Paqu final harvest	r snowmobile trai Leisner Creek. (and from last entr in-Finch. 2002: s within 0-9 years	L 2010: A Crossing pr y. Try and tand 67,68 2 2 stick and 1	rivate proper include C. 7
) omnt	ts Fmd F 5 ts Fmd A 5	Ro : 2000 furth wou stand F 3 : Olde MO X 0 : 2000 dieb	dge r ad ne): wo her ev ld als $\frac{ds 5, e}{7}$ 7 er asp can e 7 7): 2-3 ack, 1	needed eeded ould new valuations so need 6,8,9 w 60 60 60 60 60 60 60 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Factor d (porta (resou- ed a b on for d to be when s 7 7 remov- be for 9 well-s ge (old	rs: able br urces no oridge a feasible grante e grante e grante e from A or F $\overline{60}$ stocked der con	very n. Soils 2010 very n. Soils 65	ently available) ess through private l bridge and construc this would be a long ble. Soils are a mix spruce-fir (uplands- including upland black spruce) arrow road stand (ha are Nadeau-Mancel	land or use a lo tion of new roa g winter snowp , including Em two aged azard tree remo lona. 2002: sta two aged maller aspen (3 ne small elm, ch	ng winter d to acces low. Incl met, Kalk Y val along nd 65 N stick), bu	ss timber across udes small F sta aska, and Paqu final harvest roadway). Lea final harvest t overall remain in - conifer pato	r snowmobile trai Leisner Creek. (and from last entr in-Finch. 2002: s within 0-9 years ve smaller S/F (1 within 0-9 years nder of stand is re ch - which can be	2010: A Crossing pr y. Try and tand 67,68 2 stick and 1 2 ady to trea	ess). Stand

		•••••		ONL			UNIT	Star	nd Level Inf	ormatior	n Comp	artment: 81	Entry \	cal. 2012
S t	Cover Type-	Under Story-	A c		avg.					er descripti	t Packets Glos	sary of Terms" do definitions.	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
25	A 3	F 1	24	7	2	0	70	aspen (upland)	immature	Ν		40-49 years	0	
com	nts Fmd	were Rive	e left er Ro	for vis ad; har	ual a dwoo	estheti od pato	cs. SI h (kno	nder permit # 016-02 from original A6 star b) thinned contains 1 away and Nadeau-Ma	nd. 2010: Son naple and bass	ne marked l wood. Son	leave trees (ha	rdwood, spruce) a	ulso left alo	ng Escanaba
6	L 0	L 0	5			0		lowland brush	nonstocked	Ν		not scheduled	0	
com	nts Fmd	: LOW	VLA	ND BF	RUSH	I. Soil	s are E	nsley-Solona. 2002:	stand 23					
7	S 5	S 2	4	80	7	60	60	black spruce-swamp	immature	Y		not scheduled	0	
om		Ina	ockeo Ideqi	d by oth uate vo	ner ph lume	nysical due to	low st	le ocking/small diamete 4-6" dbh. 2010: Va		/T: occasio	nnal A. C. notec	1 Stand access is	blocked b	v wet
	M 6						Soils a	are Cathro-Ensley m				10-19 years	0	<i>y</i> wet
	nts Fmd	Not	muc	h regen	erati	on star		n was cut. 2010: Pa ; some 6-10' (brows						
om 9	M 6	Not Nad A 1 : 2000	muc ¹ eau. 5): PC	h regen 2002: DOR Q	erations stand 8 UAL	on star 179 70 ITY, sj	58 58 555 of	; some 6-10' (brows) northern hardwood M5 sparse areas of a	ed) ash noted. unevenaged aspen regen 10-	Some large N 15' tall. Nie	er diameter har	dwoods, H within 10-19 years	n also. Soi	ls are Onaway
som 9 som	M 6	Not Nad A 1 : 2000	muc ¹ eau. 5): PC	h regen 2002: DOR Q	erations stand 8 UAL	on star 179 70 ITY, sj	58 58 555 of	; some 6-10' (brows northern hardwood	ed) ash noted. unevenaged aspen regen 10-	Some large N 15' tall. Nie	er diameter har	dwoods, H within 10-19 years	n also. Soi	ls are Onaway
:om 9 :om 0	M 6 nts Fmd A 3	Not Nad A 1 : 2000 92-0 X 0 : 2000 Su/F	mucleau. 5): PC)1. 2 16): cu 5, 199	2002: 2002: 00R Q 010: "I 14 t permii 95. As	UAL 8 UAL Rock 2 t #23 pen i	on star 179 70 ITY, sj Campi 0 -92-01 s now	ted yet 58 pots of round 1 65 . Most 2-3" dł	; some 6-10' (brows northern hardwood M5 sparse areas of a Block" - select cut Su	ed) ash noted. unevenaged uspen regen 10- u/F, 1995. Soil immature oh 10-15 foot ta ome F understo	Some large N 15' tall. Ni s are Emmo N Il. 2010: 1 ry. Stand a	er diameter har ce vernal pond et-Solona. 200 Part of "Rock 0	dwoods, H within 10-19 years with hemlock. T 02: stand 35 40-49 years Campground Bloc	n also. Soi 0 hinned unc 0 ck" #023-9	ls are Onaway ler permit 23- 2 (unit 1) - cu
2000 9 0 0	M 6 nts Fmd A 3	Not Nad A 1 : 2000 92-0 X 0 : 2000 Su/F	mucleau. 5): PC)1. 2 16): cu 5, 199	2002: 2002: 00R Q 010: "I 14 t permii 95. As	UAL 8 UAL Rock 2 t #23 pen i	on star 179 70 ITY, sj Campi 0 -92-01 s now	ted yet 58 pots of round 1 65 . Most 2-3" dł	; some 6-10' (brows northern hardwood M5 sparse areas of a Block" - select cut Su aspen (upland) ly well-stocked 1"db bh and 25-30' hts. So	ed) ash noted. unevenaged uspen regen 10- u/F, 1995. Soil immature oh 10-15 foot ta ome F understo	Some large N 15' tall. Ni s are Emmo N Il. 2010: 1 ry. Stand a	er diameter har ce vernal pond et-Solona. 200 Part of "Rock 0	dwoods, H within 10-19 years with hemlock. T 02: stand 35 40-49 years Campground Bloc	n also. Soi 0 hinned unc 0 ck" #023-9	ls are Onaway ler permit 23- 2 (unit 1) - cu
com 9 0 com 2	M 6 nts Fmd A 3 nts Fmd M 6	Not Nad A 1 : 2000 92-0 X 0 : 2000 Su/F stand F 1 : 2000	mucleau. 5 5): PC 11. 2 16 7, 199 1 58) 1 1	DOR Q 00R Q 010: "I 14 t permi 95. As 0. Soils	eration stand 8 UAL Rock 2 t #233 pen i s are of 7 UAL	on star 79 70 ITY, sj Camp 0 -92-01 s now Cathro 70 ITY, sj	ted yet 58 58 58 58 55 . Most 2-3" dt -Ensle 58 58 58	; some 6-10' (brows northern hardwood M5 sparse areas of a Block" - select cut Su aspen (upland) ly well-stocked 1"db bh and 25-30' hts. So y and Emmet-Solona	ed) ash noted. unevenaged aspen regen 10- n/F, 1995. Soil immature sh 10-15 foot ta ome F understo 2002: stand 3 unevenaged aspen regen 10-	Some large N 15' tall. Nii s are Emme N II. 2010: 1 ry. Stand a 30 N 15' tall. Th	er diameter har ce vernal pond et-Solona. 200 Part of "Rock 0 also includes a	dwoods, H within 10-19 years with hemlock. T 22: stand 35 40-49 years Campground Bloc small spruce/bog 10-19 years ermit 23-92-01. 2	n also. Soi 0 hinned unc 0 ck" #023-9 g retention = 0 2010: Part o	ler permit 23- 2 (unit 1) - cu stand (old
com 9 0 com 2 com	M 6 nts Fmd A 3 nts Fmd M 6	Not Nad A 1 : 2000 92-0 X 0 : 2000 Su/F stand F 1 : 2000 Cam	mucleau. 5 5): PC 11. 2 16 7, 199 1 58) 1 1	DOR Q 00R Q 010: "I 14 t permi 95. As 0. Soils	eration stand 8 UAL Rock 2 t #233 pen i s are of 7 UAL	on star 79 70 ITY, sj Camp 0 -92-01 s now Cathro 70 ITY, sj	ted yet 58 58 58 58 55 . Most 2-3" dt -Ensle 58 58 58	; some 6-10' (brows) northern hardwood M5 sparse areas of a <u>Block" - select cut Su</u> aspen (upland) ly well-stocked 1"db bh and 25-30' hts. So y and Emmet-Solona northern hardwood M5 sparse areas of a	ed) ash noted. unevenaged aspen regen 10- n/F, 1995. Soil immature sh 10-15 foot ta ome F understo 2002: stand 3 unevenaged aspen regen 10-	Some large N 15' tall. Nic s are Emmo N Il. 2010: 1 ry. Stand a 30 N 15' tall. Th id and Swin	er diameter har ce vernal pond et-Solona. 200 Part of "Rock 0 also includes a	dwoods, H within 10-19 years with hemlock. T 22: stand 35 40-49 years Campground Bloc small spruce/bog 10-19 years ermit 23-92-01. 2	n also. Soi 0 hinned und 0 ck" #023-9 ; retention : 0 2010: Part o aquin-Finc	ls are Onaway ler permit 23- 2 (unit 1) - cu stand (old
29 com 30 com 32 com	M 6 nts Fmd A 3 nts Fmd M 6 nts Fmd A 6	Not Nad A 1 : 2000 92-0 X 0 : 2000 Su/F stand F 1 : 2000 Cam 57 F 2 : 2000 whit cuts up b all c marl	mucleau. 5 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1	DOR Q 00R Q 010: "I 14 t permi 25. As 0. Soils 00R Q 00R Q 00R Q 00R Q 00R D 00R Q 00R Q 000 14	eratic stand 8 UALL Rock 2 t #23 pen i s are 0 7 UAL lock" 10 side tast 6 (#03) the si gar n s. Son	ITY, sj Campu 0 -92-01 s now Cathro 70 ITY, sj sale, t 70 of the entry fe l-85-2 tand af naple. me bas	ted yet 58 58 58 58 50 58 58 58 58 58 58 58 58 58 50 58 50 58 50 50 50 50 50 50 50 50 50 50	; some 6-10' (brows) northern hardwood M5 sparse areas of a Block" - select cut Su aspen (upland) ly well-stocked 1"db bh and 25-30' hts. So y and Emmet-Solona northern hardwood M5 sparse areas of a Su/F, 1995. Adjace	ed) ash noted. unevenaged uspen regen 10- i/F, 1995. Soil immature wh 10-15 foot ta ome F understo 2002: stand 3 unevenaged unevenaged unevenaged unevenaged unevenaged spen regen 10- nt to low grour mature Road influence cing up/dying a worthwhile to should not be an at and quality for the deve and	Some large N 15' tall. Niiss s are Emme N 11. 2010: 1 ry. Stand a 30 N 15' tall. The ad and Swint Y stand (~ 3 nd is ready separate ou n issue. Me pound, all pa I the remain	er diameter har ce vernal pond et-Solona. 200 Part of "Rock 0 also includes a inned under per mming Hole C final harvest - 4 chains in w to be removed th of the stand. ost small conif aper birch may nder harvested	dwoods, H within 10-19 years with hemlock. T 22: stand 35 40-49 years Campground Bloc small spruce/bog 10-19 years ermit 23-92-01. 2 reek. Soils are Pa within 0-9 years within 0-9 years Nost of the smal ers will be left (1 be left, or otherw. Sale cut bounda	n also. Soi 0 hinned unc 0 ck" #023-9 retention = 0 2010: Part of aquin-Finc 5 1 scanaba Riv have alread ller regener stick and l vise will ha	ler permit 23- 2 (unit 1) - cur stand (old of "Rock h. 2002: stand ver Road) ly had salvage ation will end ess), as well as ve a few

comnts Fmd : SCA: riparian corridor which includes lowland brush and beaver flooding/pond along Leisner Creek. 2002: stands 70,71

		GWIN	IN F	ORE	ST N	IGT (JNIT	Star	nd Level Inf	ormation	n Compa	artment: 81	Entry	(ear: 2012
·	Cover Type-	Under Story-	A c		avg.					er descripti	t Packets Gloss ions and code o	sary of Terms" d definitions.	ocument lin	k on web site
n	Size Dnsty	Stkng Level	r e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
35	F 6	F 2	9	90	8	80	40	spruce-fir (uplands- including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0 b	
			tentia		esigna	<u>rs:</u> ited olc	l growt	h						
comr	nts Fmd	over	all F	5/F6 -	patch		'3 2" a	reek. 2000: Oversto nd smaller. Need big						
	Wld	prote	ect rij	parian	area,	allow f	for nat	and part of a deer win ural processes to occ form of down wood	ur, protect mat	ure conifer	for snow interest	cept and thermal		
36	F 5	F 1	7	75	8	50	46	spruce-fir (uplands- including upland black spruce)	old growth (potential or actual)	Y		not scheduled	0 k	
			tentia	_	esigna	<u>rs:</u> ited olc	l growt	h						
omr	nts Fmd	: SCA	- rij	parian	buffei	along	creek	past beaver activity.	Some F3. 200	2: stand 69)			
	Wld	prote	ect rij	parian	area,	allow f	for nat	and part of a deer win ural processes to occ form of down wood	ur, protect mat	ure conifer	for snow interest	cept and thermal		
7	A 4	A 3	47	26	5	30	70	aspen (upland)	immature	Ν	-	20-29 years	0	
comr	nts Fmd							dbh. 2010: "Liesner story. Princess pine				33. Access is th	rough PVT	(Tree Farm
8	C 6	F 1	39	87	8	120	26	cedar	immature	Ν		not scheduled	0 b	
				or Hem		r <u>s:</u> cutting	restrai	nts						
comr	nts Fmd							wland aspen, maple, eration noted. Soils					over - perch	ned root
9	A 3	F 1	12	13	2	0	63	aspen (upland)	immature	Ν		30-39 years	0	
comr	nts Fmd	2 - 3	" db	h and	16 - 3	0 ' hts.	Some	"Krinkle Kut Block" residual hardwood a nek. 2002: stand 75						
1	F 5	F 3	2	56	6	60	40	spruce-fir (uplands- including upland black spruce)	two aged	Y		not scheduled	0 k	
		<u>Treatme</u> Ina					small	acreage						
comr	nts Fmd							ent cedar stand; ceda established, only fir.					984 under s	ale #005-84-2
12	L2	L 2	16			0		lowland brush	old growth (potential or actual)	Ν		not scheduled	0 k	
comr	nts Fmd	: SCA		parian	corrid	or. Lo	wland	brush along Swimm	ing Hole Creel	k and buffe	r edges. Soils	are aquents and	histosols, p	onded. 2002:

		GWIN	IN F	ORE	ST N	IGT (JNIT	Sta	nd Level In	formatio	n Comp	artment: 81	Entry	fear: 2012
S t	Cover Type-	Under Storv-	A c r		avg.					ner descrip	nt Packets Glos tions and code o	sary of Terms" d definitions.	ocument lin	k on web site
a n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
43	M 5	F 1	10		7	50	46	northern hardwood	low quality	Ν		not scheduled	I 0	
	-		ater c	miting quality/ ce zone	bmps	r <u>s:</u>								
comi	nts Fmd	now	mos	tly lov	v-qual	ity ma	ple clu	buffer. 2010: Stand imps and small fir. S in as buffer stand for	ome aspen alor	ng stand tra	ansition edge to	leave here. Soil		
44	S 6	S 2	33	82	7	80		black spruce-swamp		Y	final harvest	within 0-9 year	s 3	
com	nts Fmd	areas and cond	s are sprin litior	smalle igs ma	er (onl y be p l stand	y 2" d resent. size n	bh and . Grou	HECK 10 YEARS M l 20' ht) - part of old and cover of sphagnu greatly reduced by c	cut from 1962 m, lab tea and	?? Some s leatherleaf	parser, wetter an f. Would need t	reas also, as stan	d transition only (with g	s into cedar good winter
45	A 6	M 2	27	60	9	80	60	aspen (upland)	mature	Y	final harvest	within 0-9 year	s 1	
		in st coni swal and	and - fer e e (at Masl	- treat i dge alo	now. ong ea outh en 002: s	Severa st side id of st	al salva of sta tand ne	OCKING OF ASPE age cuts previously in nd. Some smaller m ear road) which will	n the 1980's. I aple within to be excluded fro	Leave any C cut - low o om sale bo	YB, C, WP and quality. There i	large diameter V s a fairly large w and is set-up. So	VS for diver et (ash mix vils are Cros	sity - good ed with cedar)
46	E 5	F 3	8	88	9	60	56	swamp hardwoods	old growth (potential or actual)	Y		not scheduled	Ι Ο	
	-		tentia	miting al or de ce zone	esigna		d growi	th						
comi	nts Fmd	stand	d nov		uld als	so be N		ning Hole Creek and Q. Mixed softwood						
	Wld	prote	ect rij	parian	area, a	allow f	for nat	and part of a deer wi ural processes to occ form of down wood	cur, protect mat	ture conife	r for snow inter-	cept and thermal		
47	C 9	X 0	2	90	12	200	30	cedar	old growth (potential or actual)	N	1	not scheduled	I 0	
	:	Po	dar o tentia	miting or Hem al or de ce zone	ilock c esigna	utting								
com	nts Fmd	: SCA	: bi	g ceda	r, sma	ll pate	h. Stre	eam. 2010: Soils are	e Paquin-Finch	. 2002: sta	and 32			
	Wld	prote	ect rij	parian	area, a	allow f	for nat	and part of a deer wi ural processes to occ form of down wood	cur, protect mat	ure conife	r for snow inter	cept and thermal		
48	F 5	F 2	2	88	8	40	56	spruce-fir (uplands- including upland black spruce)	old growth (potential or actual)	Y		not scheduled	I 0	
	:	Re	tentia creat	miting al or de tional s ce zone	esigna site		d growi	th						
com	nts Fmd			1 SF ca . 2002			-	nic area, which are s	till being used	by locals.	Swimming Hole	e creek buffer. S	oils are Eva	rt-Pelkie-

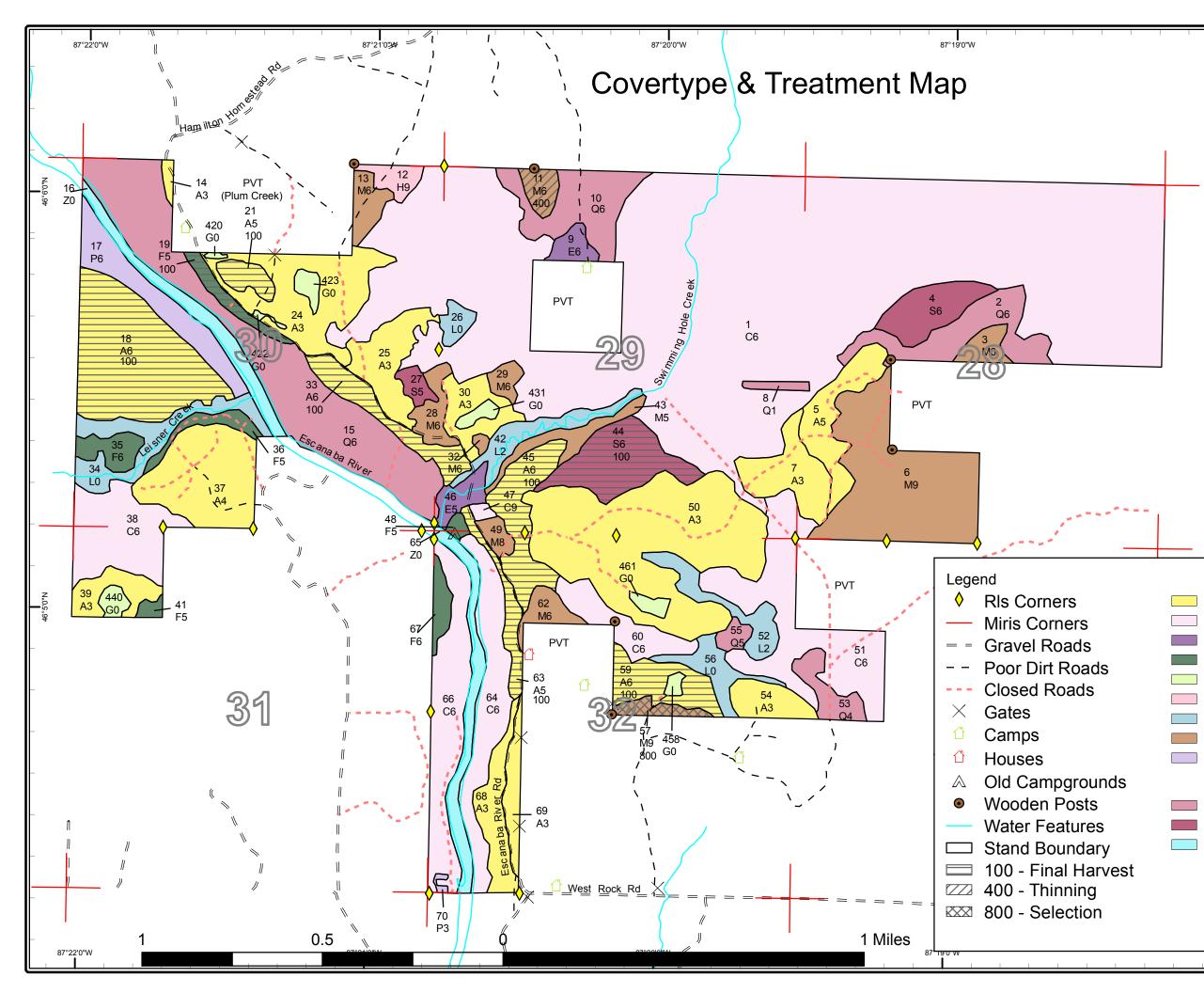
		GWIN	IN F	ORE	STI	MGT	UNIT	Sta	and Level In	formatio	n Comp	artment: 81	Entry	(ear: 2012
S t a	Type-	Under Story-	A c r		avg D						t Packets Glos	sary of Terms" do definitions.	ocument lin	k on web site
n d	Size Dnsty	Stkng Level	e s	Age	B H	Tot. BA	Site Indx	Mgt Obj	Condition	Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
49	M 8	F 1	5		14	60	60	northern hardwood	I immature	Ν		20-29 years	0	
com	nnts Fmd	(unit	2),		was o	cut Su	/F, 1995	ale # 023-92-1.big t 5. Contains H,S inc						
50	A 3	F 1	121	25	4	10	65	aspen (upland)	immature	Ν		30-39 years	0	
com	nnts Fmd	Porti tama	ion o rack	of stand regen	l and eratio	acces	ss is low hin in si	L-STOCKED. CU ground, so winter of nall open areas, inc mmet - Escanaba.	cut is advisable cluding old stan	. Pockets of	f conifers were	left (S,T, C with	tagalder).	Some
51	C 6	F 1	67	97	7	80	30	cedar	immature	Ν		not scheduled	0	
com		Infe Ce : FRC	o we erior dar c M 7	t quality or Hem 3 DAT	llock	cutting		nts und with mainly ce rt of) stand 6,10,16		nixed specie	es; thick and the	in areas, dependir	ng on soil r	noisture. Soils
52	L 2	L 2	15	Jiluale	-1aw 0	0 as.	502. (pa	lowland brush	nonstocked	N		not scheduled	0	
com	nts Fmd	: Som	e sm	all S/C	C mix	ed wi	thin. So	oils are Carbondale-	Tawas. 2002:	stand 18				
53	Q 4	Q 1	11	117	5	30	23	mixed swamp conifer	low quality	Y		not scheduled	0	
com		Ina : 2000	dar c dequ): spa	or Hem uate vo arse wi	lock olume ith ar	cutting due t reas of	alder. S	nts ocking/small diamet small trees. 2010: C ey and Carbondale-	Old ice road wit			Jo. 2" sale #035-5	92-2 (5 acs	only) - cut
54	A 3	F 1	13	18	3	0	61	aspen (upland)	immature	Ν		40-49 years	0	
com	nnts Fmd	now	~30	-40' ht	s and	3 - 5	dbh. S	d except edges are l some cherry regener . 2002: stand 27						
55	Q 5	F 1	4	75	7	50	40	mixed swamp conifer	mature	Ν		not scheduled	0	
com		Ina Ina : not v	ockeo dequ dequ visite	d by ot uate vo uate vo uate vo	her pl blume blume 0. 20	hysica due t due t due t	o small afficult	le ocking/small diamet acreage to access with surro Soils are Carbonda	ounding low gro		all aspen. Miz	ted softwood of C	C,T. Sparse	e areas. More
56	L 0	L O	12		0	0		lowland brush	nonstocked			not scheduled	0	
com	unts Fmd			ND Bl ind 28,		H. Ra	spberry	black ash, P and ce	edar/tagalder - v	very wet! S	oils are Carbor	ndale-Tawas and	Cathro-Ens	sley mucks.
57	M 9	M 1	5			120	56	northern hardwood	unevenageo	I Y	selection	within 0-9 years	s 3	
		<u>Treatme</u> Lar		<u>miting</u> urvey n										
com	nts Fmd	soutl timb in cl	h. Pi er to umpi	rivate cut in s - targ	lines NES get so	have SW). ome of	been rur Very litt these fo	operty line. Small aver by adjacent landow le regeneration esta or selection. Maple ils are Emmet-Escan	wners? (unregis ablished at this mostly smaller	tered stakes time. Sedge diameter. S	/pipes in grounder, leatherwood,	nd used for line es maidenhair fern	stablishmer noted. Bas	nt - marked sswood mainly

		GWIN	IN F	ORE	STN	IGT (JNIT	Sta	and Level Inf	ormatio	on Comp	artment: 81	Entry	Year: 2012
S t a	Cover Type-	Under Story-	A c r		avg.					ner descrip	nt Packets Glos	ssary of Terms" of definitions.	document lin	k on web site
n d	Size Dnsty	Stkng Level	e s	Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
59	A 6	М 3	20	36	9	80	65	aspen (upland)	immature	Ν	final harvest	within 0-9 yea	ırs 1	
		Treatme		<u>miting</u> urvey n										
com	nts Fmd	71 (the h cut, receissory	Quite nighe with ntly ey w	e a bit er grou MO b establi ould b	of blo nd wh eing a shed (e desi	wdown here the accepta (run fro ireable)	n fir and e stand able as r om unre). Mixe	is stand 3-5 stick in d aspen in the stand transitions into M9 nix of A/M. Lowe egistered stakes, alt ed spps are: basswo Emmet-Solona and	d - esp. along the bype (1-2" dbl er ground in the chough old blaze bood, maple, cher	e G edge a n and 25" I NW - droj e was note ry, YB, ir	and on low grou hts). Should try ps into ash swal d) and could be onwood, S, C -	and. Good M rea and protect this e and tamarack/ used, based on	generation c s regeneratio cedar. Priva GPS data (a	oming in on on when A is ate N/S line lthough formal
60	C 6	Q 1	19	100	7	90	29	cedar	immature	Ν		not schedule	d 0	
com		То	dar o o we	or Hem t	lock o	cutting	restrain	ts ome T,S, ash swald	es. Sphagnum.	lab tea, ta	galder. Soils ar	e Tawas-Deford	. 2002: stan	ıd 16
62	M 6	F 1	8		9	80		northern hardwood		N		10-19 years		
63	A 5	M;cl	lump	s. Ov	ermat	ure A a	and som	small ash (30-35' h he dead BF. Some lancelona and Paqu aspen (upland)	YB, basswood,	WS, C.	Sedge within. (0 years; still	
com	nts Fmd	cut, PB,	whic ash;	ch are a ash an	a haza d sma	rd alor iller PH	ng road,	Good mix of F and , but also visually r d be left, and may r nd 42	nanage for adja	cent privat	te property. Mi	xed hardwood ii	ncludes bass	wood, maple,
64	C 6	F 1	40	116	7	150	27	cedar	old growth (potential or actual)	Ν		not schedule	d 0	
		Ce	tenti dar o	al or de	esigna llock d	ated old	d growth restrain							
com	nts Fmd							r stand along river ong the rivers edge					ng out of star	nd. Some
	Wld	prote	ect ri	parian	area,	allow	for natu	nd part of a deer w ral processes to oc form of down woo	cur, protect mat	ure conife	er for snow inter	cept and therma		
65	Z 0	Z 0	21			0		water	nonstocked	Ν		not schedule	d 0	
com	nts Fmd	: Esca	maba	a River	r									

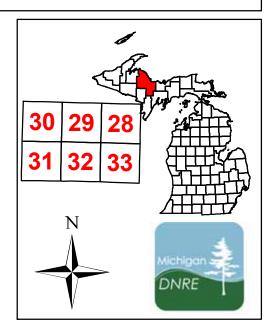
		GWIN	IN F	ORE	STN	IGT (JNIT	Sta	and Level Inf	ormation	Com	partment: 81	Entry	Year: 2012
S t a	Туре-	Under Story-	A c r		avg. D						Packets Glo	ssary of Terms" do definitions.	ocument lir	k on web site
n d	Size Dnsty	Stkng Level	e s	Age	B H	Tot. BA	Site Indx	Mgt Obj	Condition	Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
66	C 6	C 1	46	88	8	140	32	cedar	old growth (potential or actual)	Ν		not scheduled	0	
		Ce	tentia dar c	al or de	esigna lock c	ited old	l growth restrain							
com	nts Fmd							oa River. 2000: Ce ed. Soils are Carbo						of mature
	Wld	: SCA prote	-Pote ect rij	ential C parian	Old G area,	rowth allow f	Stand a for natu	nd part of a deer w ral processes to oc form of down woo	vintering comple ocur, protect mat	x. Recommure conifer	hend no harv for snow inte	est to maintain wild ercept and thermal	dlife corrie	
67	F 6	F 1	6	75	8	80	46 \$	spruce-fir (uplands- including upland black spruce)	 old growth (potential or actual) 	Y		not scheduled	0	
			tentia		esigna		l growth	ı						
comi	nts Fmd	upla	nd. 2		stand	not vis		River. 2000: South s entry, due to OG						
	Wld	prote	ect rij	parian	area,	allow f	for natu	nd part of a deer w ral processes to oc form of down woo	cur, protect mat	ure conifer	for snow inte	ercept and thermal		
68	Α3	F 1	19	16	3	0	60	aspen (upland)	immature	Ν		40-49 years	0	
com	nts Fmd	2010): "F	Rock D	ump	Block"	sale #0	ted. Some larger ha 25-92 - cut Sp/ Su oils are Emmet-Es	ı, 1993. Aspen i	s now 2 - 4				
69	A 3	F 1	10	16	3	0	60	aspen (upland)	immature	Ν		40-49 years	0	
com	nts Fmd							all along road with d, bracken fern, ras						
70	Ρ3	X 0	1	24	2	0		balsam poplar & swamp aspen and swamp white birch	old growth (potential or actual)	Ν		not scheduled	0	
comi	nts Fmd	stan	d as 1		s larg	e enou		a River. 2000: P3F2 ore in this stand. L						
	Wld	prote	ect rij	parian	area,	allow f	for natu	nd part of a deer w ral processes to oc form of down woo	cur, protect mat	ure conifer	for snow inte	ercept and thermal		
420	G 0	U 1	1			0	65	grass	nonstocked	Ν		not scheduled	0	
com	nts Fmd	: Gras	ss/up	land br	rush a	rea alc	ng priv	vate line. Soils are	Nadeau-Mancel	ona. 2002:	N/A			
422	G 0	X 0	1			0	68	grass	nonstocked	Ν		not scheduled	0	
com	nts Fmd						along ro 02: star	oad. Some encroad nd 407	chment. Will pr	obably be re	e-used as lan	ding for adjacent p	rescribed	stand. Soils
423	G 0	X 0	3			0	68	grass	nonstocked	Ν		not scheduled	0	
com	nts Fmd	: Soil	s are	Onawa	ay-Na	deau.	2002: s	stand 408						

	GWINN FOREST MGT UNIT						Stand Level Infe	ormatio	n Comp	partment: 81	Entry \	Year: 2012		
S t	Cover Type- Size Dnsty	Under Story- Stkng Level	r e		avg.						nt Packets Glo ions and code	ssary of Terms" do definitions.	ocument lin	k on web site
a n d				Age	D B H	Tot. BA	Site Indx	Mgt Obj	Condition	Silv. Criteria Met?	Method Cut	Trtmt. Period	Harvest Priority	Cultural Need
431	G 0	X 0	3			0	65	grass	nonstocked	Ν		not scheduled	0	
440	G 0	F 1	3			0	63	grass	nonstocked	N		not scheduled	0	
com	nts Fmd	: Oper	ning	with sr	nall I	F/S end	croachm	ent (~ 5' hts).	Soils are Mashek. 2	2002: stan	d 410			
458	G 0	X 0	2			0	53	grass	nonstocked	Ν		not scheduled	0	
com	nts Fmd	: 2010): O	ld trail	into	stand s	till bloc	ked by berm.	2002: stand 404					
461	G 0	G 0	3			0	60	grass	nonstocked	Ν		not scheduled	0	
com	nts Fmd			1			me cher and 403		FTP W32-529: 3 acs	disked an	d re-seeded to	grasses, legumes	in 8/1995.	Soils are

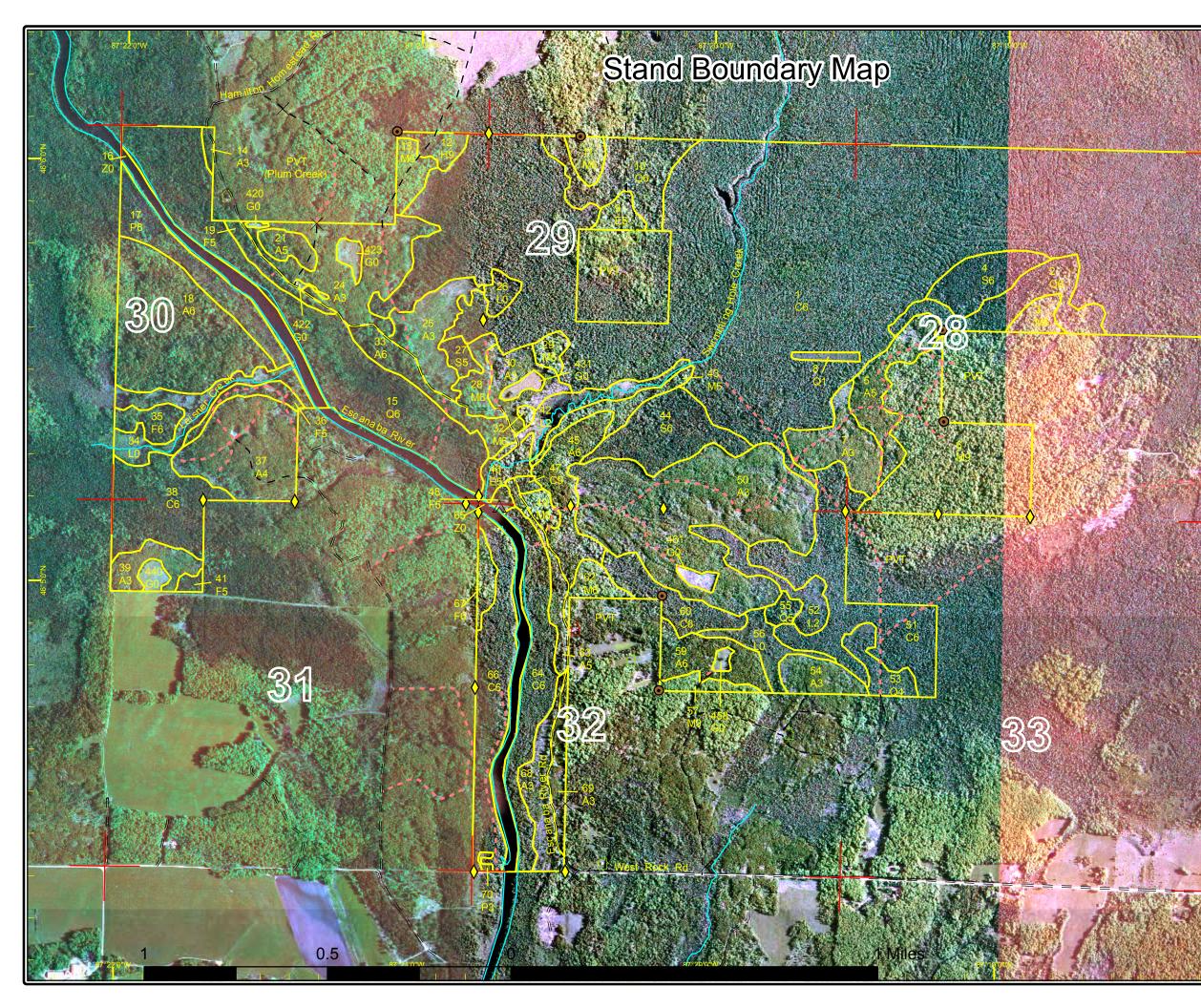
Total Acres..... 2004



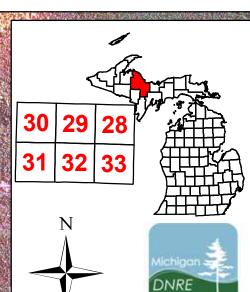
Compartment 81 T43N, R24W, Sec. 28-33 County: Marquette Unit: Gwinn YOE: 2012 Acres: 2,004 GIS Calculated Stand Examiner: Theresa Sysol Map Revised: 8/27/2010 Map Phase: Pre-review



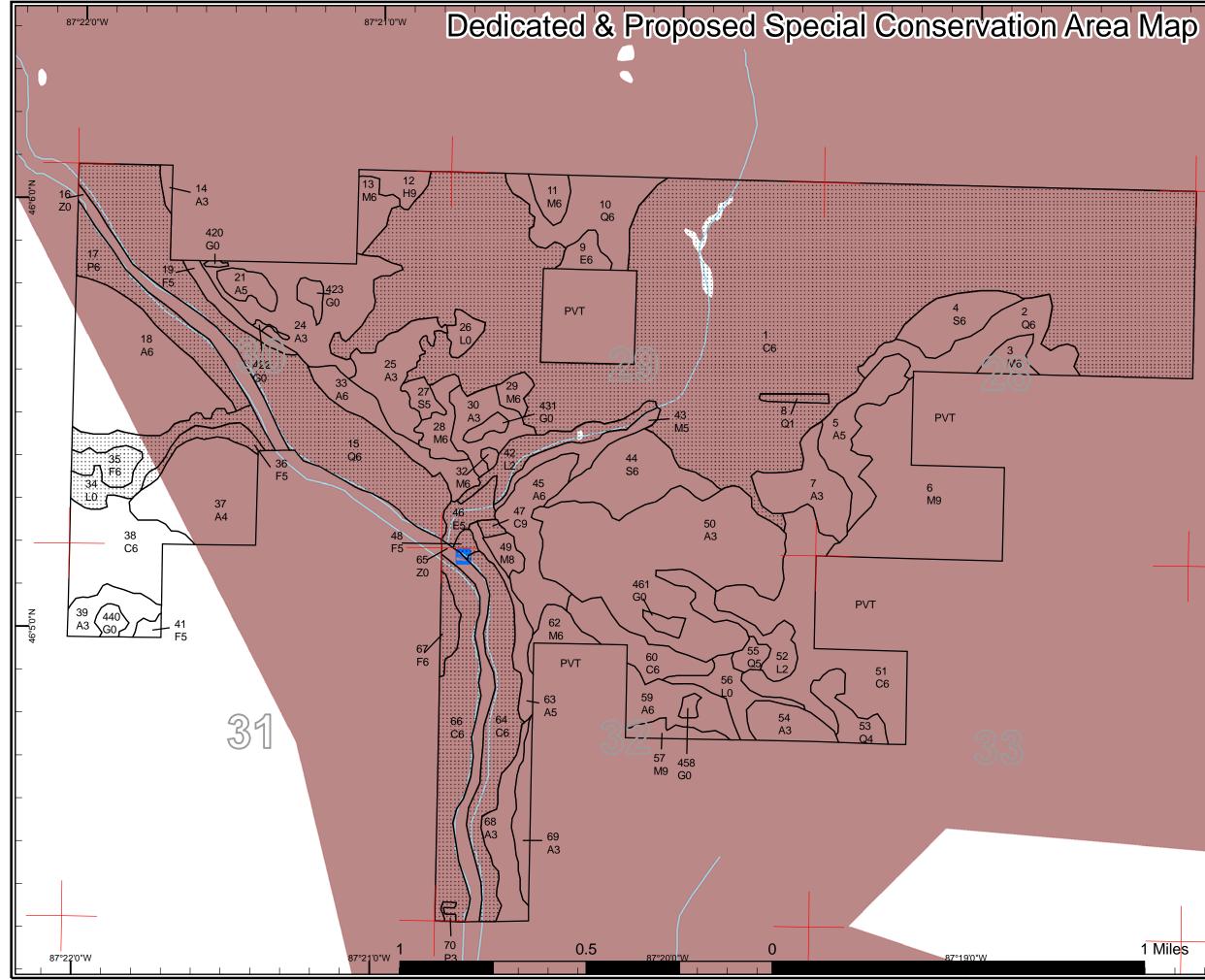
- A Aspen
- C Northern White Cedar
- E Swamp Hardwoods
- F Upland Spruce or Fir
- G Grass
- H Hemlock
- L Lowland Brush
- M Northern Hardwoods
- P Balsam Poplar, Swamp Aspen, Swamp White Birch
- Q Mixed Swamp Conifers
 - S Black Spruce Swamp
- Z Water



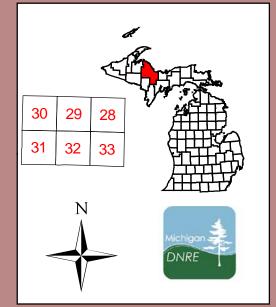
Compartment 81 T43N, R24W, Sec. 28-33 County: Marquette Unit: Gwinn YOE: 2012 Acres: 2,004 GIS Calculated Stand Examiner: Theresa Sysol Map Revised: 8/27/2010 Map Phase: Pre-review



- Legend
- Rls Corners
- Miris Corners
- = = Gravel Roads
- -- Poor Dirt Roads
- --- Closed Roads
- \times Gates
- Camps
- [⊥] Houses
- A Old Campgrounds
- Wooden Posts
- Water Features
- Stand Boundary



Compartment 81 T43N, R24W, Sec. 28-33 County: Marquette Unit: Gwinn YOE: 2012 Acres: 2,004 GIS Calculated Stand Examiner: Theresa Sysol Map Revised: 7/08/2010 Map Phase: Pre-review



Legend

2

87°18'0"W

— Miris Corners

Stand Boundary

Proposed Special Conservation Areas

Dedicated Special Conservation Areas

Cold Water Streams

Deer Wintering Areas

Boat Access Sites

DEDICATED CONSERVATION AREA DETAILS

Gwinn Mgt. Unit Compartment: 081



Page 1 of 1

* 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	n 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.					
SCA	Habitat Area	An area that provide some specific need for the life cycle of wildlife species, including State Wildlife Areas and Waterfowl Production Areas, deer wintering complexes in lowland conifer communities, grassland openings and savannas. Habitat areas are distinct from critical habitat designated for recovery of endangered or threatened species (such as Kirtland's warbler or piping plover areas) in that they are more general in nature, are not primarily associated with threatened or endangered species, and are not covered by species recovery plans that are developed in cooperation with Federal agencies.					
SCA	Potential Old Growth Areas	This category contains stands were identified for a broad range of reasons and were coded in the OI database as stand condition 8 as potential old growth (POG). Approximately 310,000 acres have been identified through the Operations Inventory (OI)/Compartment Review process. For stands in Year of Entry 2008 and forward, potential old growth is managed for the identified objective until it is: 1) vetted through the Biodiversity Conservation Planning Process (BCPP) and given a specific designation and objective (as an ERA, HCVA, or other type of SCA) and is released from the potential old growth designation; or 2) it is released from the potential old growth designation via the Compartment Review process.					