



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7614**

SCHEDULED SALE DATE AND TIME: **3:00 p.m. (local time) on May 29, 2025.**

LOCATION: **NEWBERRY MGMT UNIT, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.**

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 291-0120

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, NEWBERRY MANAGEMENT UNIT, for certain timber on the following described lands:

Eclipse Mix (42-009-24) / T46N, R06W, SEC. 7 , S1/2NW,S1/2NE,SW.

T46N, R06W, SEC. 8 , SWNW.

T46N, R07W, SEC. 12, S1/2SW,NESE,S1/2SE.

Chippewa County, Advertised Price \$55,378.45, 263.6 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: Road work will be required if the Purchaser uses the east side forest access route into Payment Unit 1. See Sale Spec 4.1.8 for further information.

Permission for access across private land is the responsibility of the Purchaser. See Sale Spec 4.4.1 for specific details regarding easements.

Within Payment Units 1-5, harvesting is limited to a period of December 1 - March 1 because of the wet soil types on this site.

Some roads or skid trails may require extra protection such as that afforded by timber mats , interlocking composite mats, or another approved system. See Sale Spec 5.2.17 for additional information.

Access may be through private or other public land.

TIMBER SALE INFORMATION

Eclipse Mix (42-009-24)

T46N, R06W, SEC. 7; T46N, R06W, SEC. 8; T46N, R07W, SEC. 12.

Chippewa County (Advertised Price \$55,378.45)

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Access may be through private or other public land.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	2.0 MBF	\$ 35.00 / MBF
Red Maple	11.9 MBF	\$ 32.00 / MBF
Sugar Maple	9.2 MBF	\$ 291.00 / MBF
Yellow Birch	1.2 MBF	\$ 50.00 / MBF
Pulpwood		
Balsam Fir	981 Cords	\$ 7.55 / Cord
Black Spruce	1,339 Cords	\$ 4.70 / Cord
Hemlock	459 Cords	\$ 6.35 / Cord
Mixed Aspen	490 Cords	\$ 22.65 / Cord
Mixed Hardwood	2,195 Cords	\$ 9.40 / Cord
N. White Cedar	519 Cords	\$ 4.55 / Cord
Paper Birch	132 Cords	\$ 2.60 / Cord
Tamarack	206 Cords	\$ 4.55 / Cord
White Pine	15 Cords	\$ 13.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 7.77 percent. There are an estimated 6,404 cords on this timber sale, plus or minus 498 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$2,768.92 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	42.4%
02	20.8%
03	4.3%
04	10.0%
05	22.5%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2029.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
505,902	6,404	7.77%	5,906	6,902

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
70	75,226	952	23.44%	729	1,175
72	21,950	278	33.08%	186	370
73	83,605	1,058	19.17%	855	1,261
104	106,101	1,343	15.86%	1,130	1,556
106	219,020	2,772	11.84%	2,444	3,101
TOTAL:	505,902	6,404		5,345	7,463

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
70	48.2	4	4.2
70	48.2	5	44.0
72	9.9	3	9.9
73	33.4	4	28.9
73	33.4	5	4.5
104	73.3	2	73.3
106	98.8	1	98.8
TOTAL:	345.2		263.6

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	2.0	MBF	98.8	\$23,455.25
	Red Maple		4.9	MBF		
	Sugar Maple		9.2	MBF		
	Yellow Birch		1.2	MBF		
	Balsam Fir	Pulpwood	385	Cords		
	Black Spruce		297	Cords		
	Hemlock		459	Cords		
	Mixed Aspen		27	Cords		
	<i>Quaking Aspen</i>		27	Cords		
	Mixed Hardwood		1,129	Cords		
	<i>Beech</i>		18	Cords		
	<i>Red Maple</i>		801	Cords		
	<i>Sugar Maple</i>		87	Cords		
	<i>Yellow Birch</i>		223	Cords		
	N. White Cedar		386	Cords		
	Paper Birch		35	Cords		
	White Pine		15	Cords		
2	Red Maple	Sawtimber	4.7	MBF	73.3	\$11,529.55
	Balsam Fir	Pulpwood	308	Cords		
	Black Spruce		70	Cords		
	Mixed Aspen		61	Cords		
	<i>Balsam Poplar</i>		19	Cords		
	<i>Quaking Aspen</i>		42	Cords		
	Mixed Hardwood		713	Cords		
	<i>Red Maple</i>		713	Cords		
	N. White Cedar		103	Cords		
	Paper Birch		61	Cords		
	Tamarack		3	Cords		
3	Red Maple	Sawtimber	2.3	MBF	9.9	\$2,390.15
	Balsam Fir	Pulpwood	107	Cords		
	Black Spruce		9	Cords		
	Mixed Hardwood		156	Cords		
	<i>Red Maple</i>		156	Cords		
4	Balsam Fir	Pulpwood	18	Cords	33.1	\$5,554.15
	Black Spruce		719	Cords		
	Mixed Aspen		35	Cords		
	<i>Quaking Aspen</i>		35	Cords		
	Mixed Hardwood		46	Cords		
	<i>Red Maple</i>		44	Cords		
	<i>White Ash</i>		2	Cords		
	N. White Cedar		3	Cords		
	Paper Birch		5	Cords		
	Tamarack		173	Cords		
5	Balsam Fir	Pulpwood	163	Cords	48.5	\$12,449.35
	Black Spruce		244	Cords		
	Mixed Aspen		367	Cords		
	<i>Quaking Aspen</i>		367	Cords		
	Mixed Hardwood		151	Cords		
	<i>Red Maple</i>		127	Cords		
	<i>White Ash</i>		24	Cords		
	N. White Cedar		27	Cords		
	Paper Birch		31	Cords		
	Tamarack		30	Cords		
TOTAL:			24.3	MBF		

TOTAL:	6,336 Cords
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Sale Specific Conditions & Requirements

Sale Name: Eclipse Mix

Sale Number: 42-009-24 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint, as well as roads and drainage ditches. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint, with the exception of the Payment Unit boundary between Payment Unit 4 and 5 which is unpainted and designated by the road and drainage ditch. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.2 - Clearcut Unit(s) w/o Unmerchantable Trees (8/11)

Within Payment Unit(s) 1, 4, and 5, cut all trees which meet minimum piece specifications in 2.2 Utilization. Within Payment Units 4 and 5, do not cut hemlock, white pine, or trees ringed with green paint. Within Payment Unit 1, do not cut any hemlock that are 26 inches or more at DBH.

2.1.5 - Overstory Removal Unit(s) (8/11)

Within Payment Unit(s) 2, all species which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut hemlock, yellow birch, white pine, or bur oak.

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 3, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except do not cut any hemlock, white pine, paper birch or any trees marked with green paint above and below stump height.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesigned live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings within Payment Unit 1.

Within the Sale Area, if more than 20% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at 300\$ per acre for all acreage within that specified portion of the Sale Area that was damaged.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and Earthen Piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale or utilized.

4.1.6 - Road Construction (4/24)

Improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge.

Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

4.1.8 - Road Work (1) (8/07)

The following road work will be required if the Purchaser uses the east side forest access route into Payment Unit 1 to access the sale: fill material and gravel may be required if hauling occurs during non-winter months or during break-up conditions. Grading and shaping of the road may also be required. Required road work will be up to the discretion of the Unit Manager or his/her representative.

4.2 - Maintenance

4.2.2 - Fill Material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins.

4.2.3 - Road maintenance (8/13)

The following road maintenance may be needed: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser. The DNR has easement on a portion of the Green Shack Road as well as the road leading into Payment Unit 1. The Purchaser must get permission to use portions of the Green Shack Road where there is no easement (the road leading into Payment Units 2-5).

4.4.2 - Alternate route on private property (2/04)

It is the Purchaser's responsibility to obtain access across private land for any routes other than the route shown on the Timber Sale Map.

4.4.3 - Access gate (12/08)

The access gate must be locked at the completion of each day unless otherwise approved by the Unit Manager or his/her representative. A key can be obtained through the Unit Manager or Sale Administrator.

5 - Operations

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating Restrictions (9/11)

Within Payment Unit(s) 1-5, unless changed by written agreement, cutting and skidding are limited to a period of December 1 - March 1. This is This restriction is because of the wet soil types on this site.

5.2.4 - Dead and Down Creation

5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 5 leave a 15-inch diameter or larger log (8-10 foot or greater in length) flat on the ground next to a tall stump at least 3 feet high. This drumming log should be placed near other

mature aspen if possible. Leave at least 1 drumming log per 5 acres and attempt to locate in portions of the stand with ample aspen prior to harvest. These logs will be evenly scattered throughout the unit. Logs can be an unmerchantable piece or a full tree. Each drumming log must be clearly identifiable by Sale Administrators. Please contact the Sale Administrator for more information.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. The Purchaser is responsible for picking up and hauling the mats to and from the site. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants.

5.2.31 - Landing Locations (9/13)

Recommended landing areas are marked on the Timber Sale Map with a truck image, also depicted on the map legend. Landings should be confined to these designated sites unless otherwise authorized by the Unit Manager or his/her representative.

5.2.32 - Decking/Landing Restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.4 - Soil Protection

5.4.1 - Rutting Restriction, General (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased. This includes private roads used to access the sale.

5.8 - Protection of Endangered Species

5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Green Shack Road prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.2 - Extensions

7.2.5 - Weather-Related Extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather-related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.



TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Sale Number
42-009-24

Date
06/04/2024

Forest Management Unit
Newberry Mgt Unit

County
Chippewa

Mapped By: **A. Ciaramitaro**

Scale
1:31,680

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Of
1

Cruised By: **Newberry Unit Staff**

Township 46N Range 06W / 07W Section(s) and Subdivision(s)
Sec. 12 S1/2SW, NESE, S1/2SE; Sec. 7 S1/2NW, S1/2NE, SW; Sec. 8 SWNW;

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous	Z = Water	
H = Hemlock	N = Marsh		

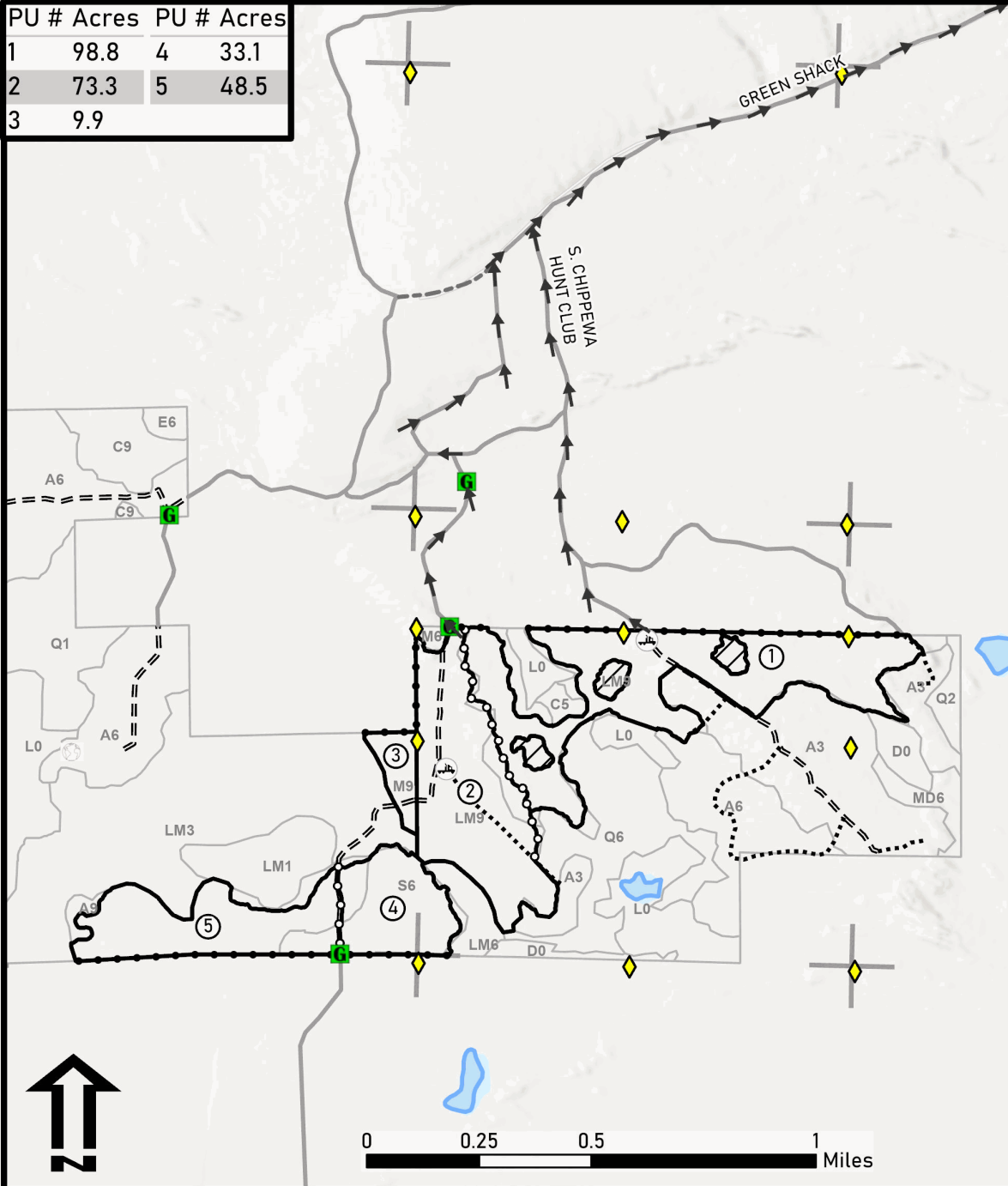
Density

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

Eclipse Mix

Compartment: 42070 Acres: 263.6

PU #	Acres	PU #	Acres
1	98.8	4	33.1
2	73.3	5	48.5
3	9.9		



Legend

- Payment Unit
- Against State (Red)
- Payment Unit (Yellow)
- Private Boundary (Blue)
- Survey Grade Corner
- Berm
- Gate
- Retention Zone
- MIRIS Section Corner
- Lakes and Rivers
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Paved Road
- Gravel Road
- County Road - Seasonal
- Private Road
- Landing
- Haul

