

Appendix 1: Property Descriptions, Maps, and Inventories

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Grey County Property: Compartment #1: Lady Bank

Municipality: Municipality of Grey Highlands
Former Township: Artemesia Township
Civic Number: 354632 Grey Road 31
Lot: 40
Conc: 12
Area: 40.5 ha (100 acres)

General Description and History:

This property was purchased in 1957 and consists mainly of plantation (White pine and White spruce), natural cedar/mixed wood stands and wetland. The wetland is part of the provincially significant Eugenia Lake wetland complex.

The plantations were thinned for the first time in the late 1990's and received a second thinning in 2011. The cedar stands were strip cut in the late 1990's and have not been regenerating. Due to this, stocking levels are low. The mixed wood stand is currently overstocked and could use some thinning, but it is wet and can only be harvested in an extremely dry year or during winter months.

A portion of the provincially significant Eugenia Lake wetland complex occurs on this property.

Forest Health: The plantations and the mixed woods are in generally good health.

Property Condition: The Grey County property sign needs replacement.

Management plan:

The plantations are scheduled for a third thinning in 2021. Stand #9 was identified in the previous management plan as a research stand established by the MNR. It was planted at a very tight spacing and it is unknown whether the OMNRF has continued with any research.

The plantations will continue to be selectively thinned from below until they reach a point where they have adequate regeneration of hardwoods in the understory and a few mature softwoods in the overstory. At this point they will start to be managed as hardwood stands with the goal of producing high quality hardwoods.

The cedar stands will be monitored for regeneration in the future to determine when it will be suitable for further harvesting.



Grey County Forest Management Plan
Lady Bank Tract - #1
467200 12th Concession B
Municipality Of Grey Highlands
Roll # 42081800093590000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-01
Grey County Forest Management Plan
Compartment 1: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Lady Bank	1	5	2016	Mh4 Cw2 Bw1 Cb1 He1 OH1 (Bf Id Po)	21.0	25.7	19.2	12.8	3.2	0.8	36.0
Lady Bank	1	9	2016	Sw10 (Cw Cb)	14.0	18.2	20.0	2.7	0.0	0.0	22.7
Lady Bank	1	11	2016	Cw10	6.0	12.0	12.0	0.0	0.0	0.0	12.0
Lady Bank	1	2	2016	Pw7Sw2Mh1	24.0	30.7	4.0	14.0	4.0	0.0	22.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #2: Eugenia

Municipality: Municipality of Grey Highlands
Former Township: Artemesia Township
Civic Number: 526918 Artemesia/Euphrasia Townline
Lot: 31
Conc: 14
Area: 42.0 Ha (103.8 acres)

General Description and History:

This property was purchased in 1961 and plantations were established in the 1960's. The plantations consist of red and white pine, white spruce and European larch. The northern most stands have been thinned twice, except for the spruce plantation which is slated for its first thinning in 2018. There is a large, poorly drained cedar and poplar stand that bisects the property and occupies about half of the property. The cedar was marked selectively for harvest but never tendered.

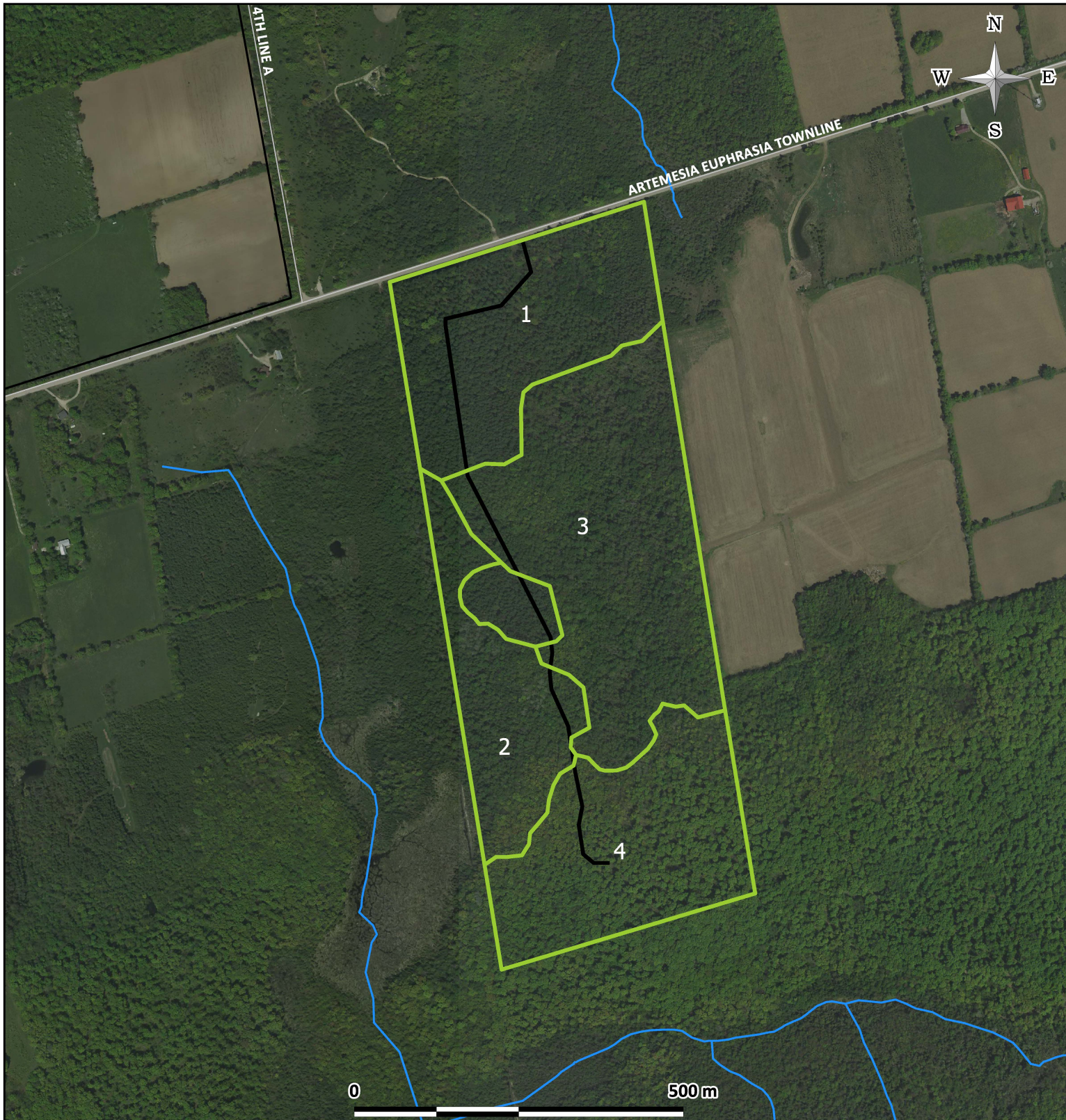
There are some upland hardwoods at the south end of the property. They had an improvement cut in the late 1990's. In 2008, a commercial harvest removed 591 stems to produce 19,895 fbm and 75 cord of fuelwood, generating \$13,780 in revenue. The prescription took the basal area from 26 to 20 but the most recent inventory in 2016 shows the basal area to be around 18.

Management plan:

The plantations are slated to be thinned in 2018, the hardwood stands are slated for harvest in 2022.

The plantations will continue to be selectively thinned from below to allow for hardwood regeneration to establish until such time as there is adequate hardwood regeneration with a few scattered mature softwoods in the overstory.

The hardwoods will continue to be managed using the single tree selection or group selection system to produce quality hardwoods at regular intervals of approximately 15 years. Basal area will be maintained at 20 m² in every harvest, in an effort to reach the ideal basal area distribution.



Grey County Forest Management Plan
Eugenia - # 2
526918 Artemesia-Euphrasia Townline
Municipality Of Grey Highlands
Roll # 42081800094000000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-02
Grey County Forest Management Plan
Compartment 2: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Eugenia	2	1	2016	Pw2 Pr2 Po2 Aw1 Mh1 Bd1 OH1 (Ea Cb)	25.0	28.9	6.7	12.0	4.0	0.0	22.7
Eugenia	2	4	2016	Po4 Bf2 Cw1 Aw1 Ea1 Bw1 (Sw Mh Id Cb By)	17.3	23.7	12.3	6.0	2.3	0.0	20.7
Eugenia	2	7	2016	Po4Cw3Bw1Ab1OH1		25.5	11.0	1.0	3.0	1.0	16.0
Eugenia	2	8	2016	Mh8Oh2	24.0	27.6	4.0	13.3	0.7	0.0	18.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #3 North Welbeck

Municipality: Municipality of West Grey
Former Township: Bentinck Township
Civic Number: 234902 Concession Road 2
Lot: 10
Conc: 3
Area: 40.0 Ha (98.8 acres)

General Description and History:

This property was purchased in 1948 and reforested soon afterwards with red and white pine, white spruce and European larch. It is roughly 50% plantation, with the remainder consisting of upland hardwoods and cedar mixed wood. A large (4.3 ha) stand of cedar was clear-cut and has not regenerated. It is currently barren and scattered with cedar and ash.

The white pines were pruned up to 17 ft in the 1980's and then thinned in the 1980's and 1990's. In 2008, the red pines were thinned, removing 705 stems for 115 cord. In 2018, all of the plantations, except for stand 7, were thinned, removing 1052 stems for 158 cord. This sold for \$7,100.

The two hardwood stands were harvested in 2009. 112 stems were removed for 2104 fbm and 21 cord of fuelwood. This sold for \$1,873.

A portion of the provincially significant Mountain Creek wetland occurs on this property.

Management plan:

The plantations will be selectively thinned from below again in 2028. Selective thinning will continue to occur every 10-years until such time as the hardwood regeneration is well established in the understory and a few mature individual softwoods remain in the overstory.

The red pine stand at the south east corner will be monitored for die back and may be completely removed if further die back occurs.

The hardwoods will be assessed for harvest in 2025 and when ready will have a single tree or group selection harvest. Basal area will be maintained at 20 m².

The cedar clear-cut will be monitored for regeneration and will be considered as a site to plant hardwoods.



Grey County Forest Management Plan
North Welbeck Tract - # 3
234902 Concession 2 WGR
Municipality of West Grey
Roll # 42052800010690000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-03
 Grey County Forest Management Plan
 Compartment 3: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
North Welbeck	3	1	2017	Le5 Sn4 OH1 (Aw Ms)	19.0	25.9	16.7	16.0	1.3	0.7	34.7
North Welbeck	3	3	2017	Pw9 OS1 (Sw Sn)	25.0	35.7	1.3	16.0	12.7	0.7	30.7
North Welbeck	3	3	2017	Pw9 OS1 (Sw Sn)	25.0	35.7	1.3	16.0	12.7	0.7	30.7
North Welbeck	3	5	2017	Sw7 Ea1 Cw1 Aw1	18.0	16.8	22.0	2.0	0.0	0.0	24.0
North Welbeck	3	6	2017	Pw9 Cb1 (Po Ea Cw Aw)	18.0	30.5	6.0	15.0	6.0	1.0	28.0
North Welbeck	3	7	2017	Pw4 Pr4 Cb1 Aw1 (Cw)	20.0	28.8	3.3	20.0	0.0	0.0	23.3
North Welbeck	3	8	2017	Le8 Aw1 Pw1	20.0	26.9	16.0	14.0	6.0	0.0	36.0
North Welbeck	3	8	2017	Le8 Aw1 Pw1	20.0	26.9	16.0	14.0	6.0	0.0	36.0
North Welbeck	3	11	2017	Pw7 Cw2 Aw1	20.0	28.8	14.0	14.0	6.0	2.0	36.0
North Welbeck	3	12	2017	Bf2Cw2Bd2Mr1Mh1ld1Ea1	11.3	23.7	13.3	6.7	3.3	0.0	23.3
North Welbeck	3	13	2017	Mh3Aw3Bd3ld1	16.0	19.2	21.0	3.0	0.0	0.0	24.0
North Welbeck	3	14	2017	Cw3Bf3Mr2Mh1OH1	14.0	26.2	14.0	8.0	1.0	2.0	25.0
North Welbeck	3	4	2017	Sw8Le1Ea1	10.0	20.7	24.0	4.0	0.0	0.0	28.0
North Welbeck	3	9	2017	Pw4Mh4Cb2		36.8	0.7	2.7	1.3	0.7	5.3
North Welbeck	3	10	2017	Ab5Po3Cw2	12.0	20.5	24.0	6.0	2.0	0.0	32.0
North Welbeck	3	8	2017			31.5					
North Welbeck	3	8	2017			31.5					

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #4: South Welbeck

Municipality: Municipality of West Grey
Former Township: Bentinck Township
Civic Number: 214670 Baseline Road
Lot: 32
Conc: 10
Area: 41.3 Ha (102.1 acres)

General Description and History:

This property was purchased in 1949. 38 hectares were reforested in the early 1950's consisting mostly of conifer plantations (80%) and cedar/mixed (20%). The plantations consist of white pine, white spruce, European larch and cedar. Records indicate that some of the plantations were thinned in the 1990's. In 2008, stands 4 and 5 were thinned removing 813 stems for 85 cord. This produced \$2,465 in revenue. Stands 6, 7, and 8 were thinned in 2013, removing 2054 stems for 223 cord and a revenue of \$8,000. Stands 4 and 5 were thinned for the third time in the winter of 2017/18. This operation removed 301 stems to produce 44 cord with a sale price of \$1,010. The hardwoods are developing well within the plantations.

In the 1980's and 1990's the white pines were pruned up to 17 feet.

Cedar strip cuts were implemented in the late 1990's in stand 1 and regeneration is still not evident.

In the 1960's, a hardwood stand improvement was done on 3.5 Ha in stand 2. In 2009, a harvest removed 92 trees for 2323 fbm and 32 cord of fuelwood. This operation produced \$2,459 in revenue.

Forest Health:

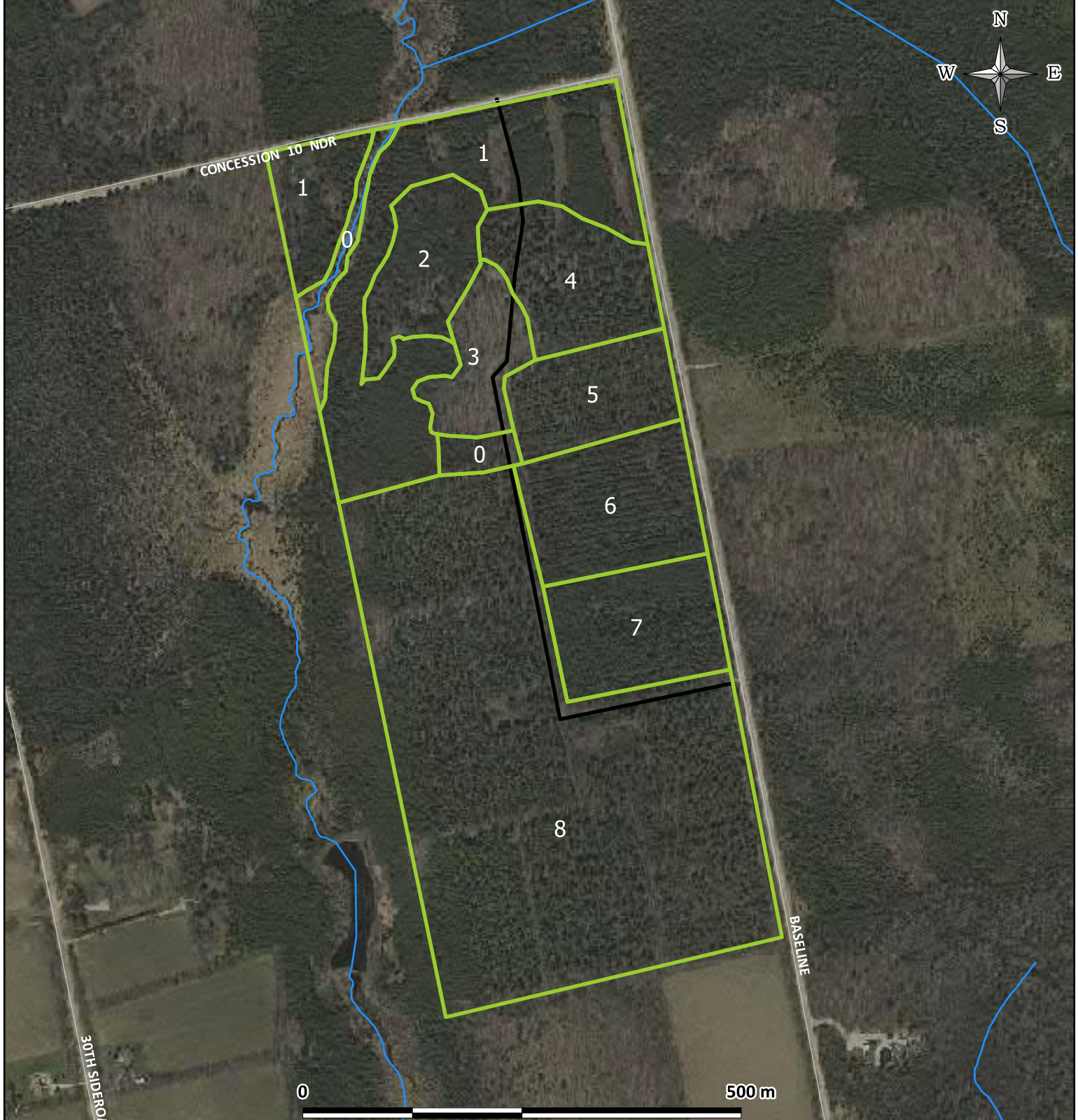
A pre-harvest survey for species at risk and invasive species indicated that common buckthorn is starting to invade the site.

An eastern wood peewee was observed at one location. This species is identified as a species of special concern. Stick nests were found in two locations. One of these nests is an active Goshawk nest.

Management plan:

The plantations will be scheduled for selective thinning from below in 2027 and will continue to be thinned every 10 years or so until the hardwood regeneration has established successfully, and a few mature individual softwoods remain in the canopy. This property would benefit from a buckthorn removal as resources allow in order to eradicate the buckthorn before it becomes well established.

The hardwoods will be monitored and scheduled for harvest when the basal area reaches 25 m².



Grey County Forest Management Plan
South Welbeck Tract - # 4
214670 Baseline
Municipality of West Grey
Roll # 42052800010890000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-04
 Grey County Forest Management Plan
 Compartment 4: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
South Welbeck	4	8	2013	Pw6 Sw4	20.0	30.7	6.4	21.2	4.0	0.0	31.6
South Welbeck	4	0	2015	Sw6 Mh2 Cw2 (Aw)		19.6	32.0	4.0	0.0	0.0	36.0
South Welbeck	4	3	2015	Mh5 Le4 Aw1		30.2	9.0	17.0	4.0	1.0	31.0
South Welbeck	4	4	2015	Pw5 Sw5	26.0	30.1	6.0	24.0	2.0	0.0	32.0
South Welbeck	4	5	2015	Pw9 Aw1	20.0	30.0	6.0	15.0	3.0	0.0	24.0
South Welbeck	4	6	2015	Sw8 Aw1 Cw 1	12.0	18.0	28.0	0.0	0.0	0.0	28.0
South Welbeck	4	7	2015	Cw6Pw2Sw1Oh1	9.0		41.0	6.0	1.0	0.0	48.0
South Welbeck	4	8	2015	Pw6 Sw2 Aw2 (Ea Cw)	23.0	30.5	7.3	15.1	4.7	0.1	27.3
South Welbeck	4	1	2017	Cw9 He1 (Mh Bf Cb By Aw Ab)	9.0	22.6	47.1	16.3	2.9	0.0	66.3
South Welbeck	4	2	2017	Mh3Sw2Be2He1Cw1Cb1 (Bf Aw)	13.5	30.1	14.0	14.0	4.0	5.0	37.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #5: Pretty River

Municipality: Town of the Blue Mountains
Former Township: Collingwood Township
Civic Number: 595003
Lot: 1 and Pt. 2
Conc: 4
Area: 120.0 ha (296.5 acres)

General Description and History:

This property was purchased in 1952 and 1956 and was reforested in the 1950's with Scotch and white pine, and white spruce. The white pines were pruned up to six feet in the 1970's. The only record of thinning activities occurred in 1999 when 113 cord of pine and spruce were cut. In 2001, a review of the property by Lands and Forests Consulting, noted that "recent harvesting has devastated the white pine and white spruce mixed plantations. How could this possibly happen in this time of enlightened forest management? The plantations have been row thinned and all of the better formed (and possibly pruned) trees within the leave rows have been removed".

The hardwoods are in very good condition as a result of improvement cuts in 1956, 1981, 1982, 1983, 1984, 1988, 1992, a sawlog harvest of 378,372 fbm in 1998, and improvement thinning in 2001. This last thinning was after the MNR (now MNRF) and the County's forest management agreements ceased in 1995 and no further management has taken place on the property.

In the late 1990's, 0.7 km of road was bulldozed down over the escarpment on the southeast corner of the property. This road is to be decommissioned as part of the comprehensive management plan prepared by AWS Environmental Consulting (AWS).

The property has 250 acres that lie within the Pretty River Valley Earth and Life Science Area of Natural and Scientific Interest. This property is designated Escarpment Natural under the Niagara Escarpment Plan.

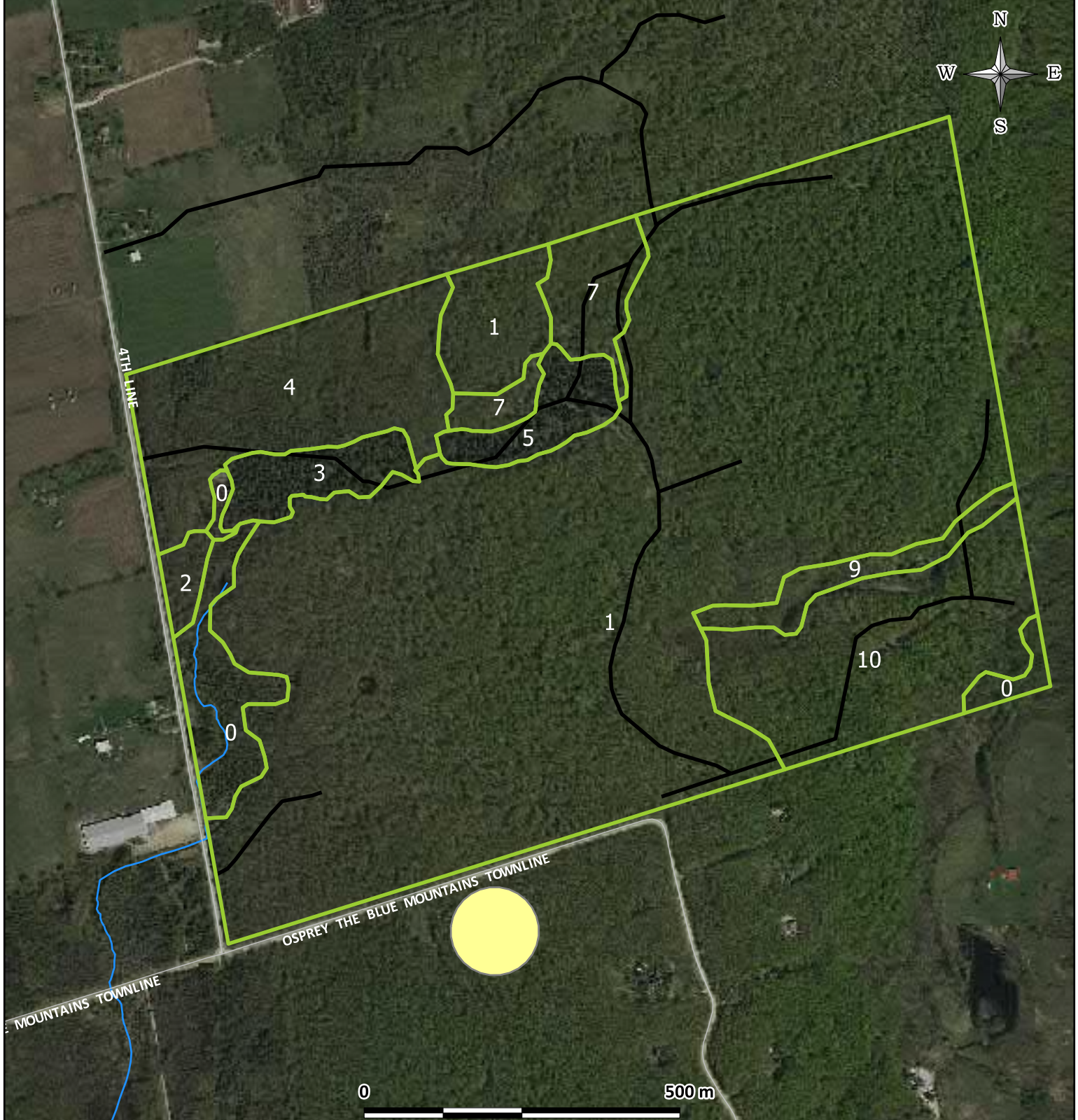
Management plan:

A species at risk and invasive species inventory was to be conducted in 2018 as per the requirements of the Niagara Escarpment Commission. Following the inventory, the 2006 Management Plan prepared by AWS will be implemented. The AWS

Management Plan is a well-conceived plan designed to minimize environmental impact while allowing to continue the sustainable harvest of the property's timber resources.

If executed properly, this property has the potential to be a showcase for sustainable forest management in Ontario.

Through the Management Plan, stand 1 is to be divided into three parts. Each part is slated to be managed slightly differently, at five-year intervals, to maintain the ecological values of this property.



Grey County Forest Management Plan
Pretty River Tract - # 5
529365 Osprey-TBM Townline
Town Of The Blue Mountains
Roll # 42420000040010000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-05
Grey County Forest Management Plan
Compartment 5: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Pretty River	5	1	2017	Mh10 (Aw Cb By Be)	25.0	33.0	4.1	11.2	7.0	0.8	23.1
Pretty River	5	1	2017	Mh10 (Aw Cb By Be)	25.0	33.0	4.1	11.2	7.0	0.8	23.1

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #6: **Gibraltar**

Municipality: Town of the Blue Mountains
Former Township: Collingwood Township
Civic Number: 595652 4th Line
Lot: 11
Conc: 5
Area: 40.5 Ha (100.1 acres)

General Description and History:

This property was purchased in 1949. Approximately six hectares was reforested in the 1950's with white pine and white spruce. The remainder of the property consists of a large upland hardwood stand of very good quality.

Records indicate that the plantations were thinned in 2015. It is presumed that they were also thinned in 2005 based on the current management cycle. There is no record of any other treatments.

The hardwoods were thinned in the 1970's and the 1990's but no records of volumes are available. The hardwoods were tendered in 2018 for harvest with 1161 trees producing 44,771 fbm and 154 cord of fuelwood. This sold for \$24000.

Fencing installed in the 1960's and 1970's is mostly removed now except for on the southern property boundary.

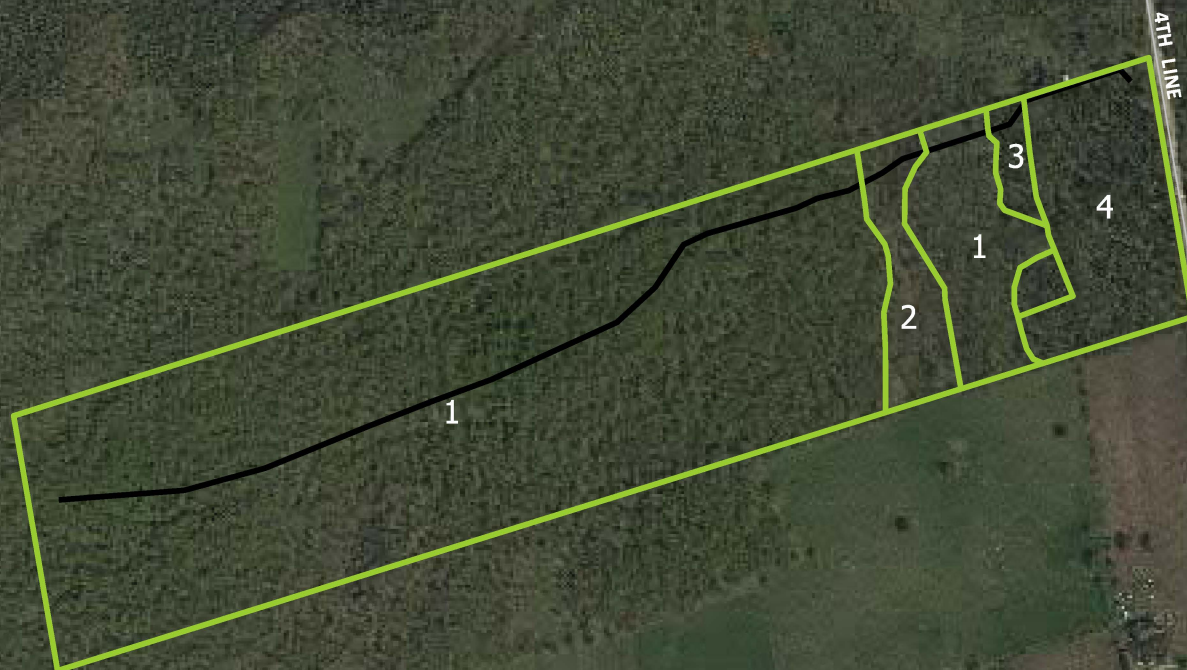
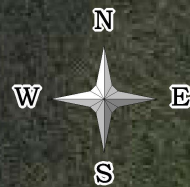
Forest Health:

Several years of forest tent caterpillar defoliation combined with drought has resulted in significant die back in the maples.

Management plan:

The white pine plantation may have one more selective thinning from below to leave a few scattered mature individuals in the overstory. There is an abundance of advanced hardwood regeneration already established in these plantations.

The upland hardwood stand will be monitored for dieback after the harvest to see if the situation improves. If the situation improves, it will be reviewed again in 2033 for harvest. If the situation does not improve, a salvage cut may be implemented sooner.



0 500m



Grey County Forest Management Plan
Gibraltar Tract - # 6
595652 4th Line
Town Of The Blue Mountains
Roll # 42420000051630000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-06
Grey County Forest Management Plan
Compartment 6: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Gibralter	6	1	2016	Mh10 (Cb Be Ms)	24.0	33.6	4.8	9.5	6.3	2.7	23.2
Gibralter	6	1	2016	Mh10 (Cb Be Ms)	24.0	33.6	4.8	9.5	6.3	2.7	23.2
Gibralter	6	4	2016	Cb5 Pw4 Mh1	22.4	35.9	3.6	8.0	9.2	1.6	22.4
Gibralter	6	3	2016	Sw7 Cb3	20.0	22.4	9.0	10.0	0.0	0.0	19.0
Gibralter	6	2	2016	Aw5 Mh4 Ms1 (Ab)	18.0	28.8	11.0	7.0	6.0	1.0	25.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #7

McKean's Mills

Municipality:	Town of the Blue Mountains
Former Township:	Collingwood Township
Civic Number:	548030 6 th line
Lot:	3
Conc:	6
Area:	45.5 Ha (102.5 acres)

General Description and History:

This property was purchased in 1964. Sometime following the purchase, 12.6 hectares were planted with red and white pine. The remainder of the property consists of upland tolerant hardwood. This property is part of the provincially significant Gibraltar Moraine Earth Science Area of Natural and Scientific Interest.

The white pine plantations were pruned to 13 feet in the 1980's. It is presumed that these plantations were thinned again in 2001 and subsequently in 2011. Red pine decline is evident. This is most likely due to root rot infecting the stand as a result of previous thinning activity.

The hardwood stands were harvested in the mid 1990's and again in 2010. No other historical harvest information is available. The 2010 harvest removed 1018 stems and produced 28,157 fbm and 175 cord of fuelwood from 61 acres. The prescription was to take the basal area down to 20 m²/ha. However, the inventory from 2016 shows the basal area to be slightly over 20.

Fencing repairs were completed in the 1980's.

Forest Health:

The current decline in the red pine plantation will become more impactful with time.

Management plan:

The plantations will be selectively thinned from below in 2021 and every ten years afterwards, until such time as hardwood regeneration is adequately established and only a few mature individuals remain. The red pines may need to be entirely removed if the current decline continues to advance.

The hardwoods will be scheduled for harvest in 2026, providing the BA is sufficient, utilizing a single tree selection or group selection. The basal area will be maintained at 20 m² with the aim to get closer to the ideal size class distribution.



Grey County Forest Management Plan
McKean's Mills Tract - # 7
No Civic Address - 6th Line & 3rd Sideroad
Town Of The Blue Mountains
Roll # 42420000040600000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-07
Grey County Forest Management Plan
Compartment 7: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
McKean's Mills	7	2	2016	Pw9Ea1 (Cb)	22.5	30.0	5.0	14.5	3.0	0.0	22.5
McKean's Mills	7	3	2016	Mh8 Ap2	6.0	12.0	8.0	0.0	0.0	0.0	8.0
McKean's Mills	7	4	2016	Pr10 (Aw)	24.0	29.3	2.0	26.0	1.3	0.0	29.3
McKean's Mills	7	6	2016	Mh5Po3Aw1Pw1 (Cb)	10.0	17.5	14.0	1.0	1.0	0.0	16.0
McKean's Mills	7	5	2016	Mh10 (Id Aw Cb)	25.3	32.8	4.9	8.0	6.7	1.0	20.6

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #8

Kolapore Headwaters

Municipality:	Town of the Blue Mountains
Former Township:	Collingwood Township
Civic Number:	not available
Lot:	2
Conc:	7
Area:	20.0 Ha (50.0 acres)

General Description and History:

This property was purchased in 1949 and consists entirely of upland tolerant hardwoods. This property was harvested in the mid 1990's and again in 2010.

The 2010 harvest removed 1,231 stems to produce 22,852 fbm and 214 cord of fuelwood. This tender sold for \$22,555.

There is no road access to the property, requiring access through a neighbouring property. At the time of the writing of this Plan, the neighbouring property utilized for access in 2010 has recently transferred into new ownership. At this point it is unknown if these new property owners will allow the County to access through their property.

Management plan:

This property is tentatively scheduled for harvest in 2025 provided the basal area is high enough to warrant a harvest. Single tree selection or group selection will be used to move the stand closer to the ideal basal area size class distribution and to maintain species diversity. Residual basal area will be maintained at 20 m² and will strive to bring the BA closer to ideal.



Grey County Forest Management Plan
Kolapore Headwaters Tract - # 8
No Civic Address - Access off 6th Line
Municipality of The Blue Mountains
Roll # 42420000040850000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-08
Grey County Forest Management Plan
Compartment 8: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Kolapore Headwaters	8	1	2016		23.1	33.2	4.0	14.5	7.0	0.8	26.3
Kolapore Headwaters	8	2	2016	Mh9 Cb1	24.0	32.4	5.3	11.7	7.0	0.7	24.7

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #9 Kolapore

Municipality: Town of the Blue Mountains
Former Township: Collingwood Township
Civic Number: 528150 Osprey-Collingwood Townline
Lot: 1 and Pt. Lot 1
Conc: 9 and 10
Area: 123.0 Ha (303.9 acres)

General Description and History:

This property was purchased in 1949 and consists almost entirely of upland tolerant hardwoods. It was partially harvested in 1993 on the east half then again the late 1990's on the west half. In 2011, the east half was partially harvested again.

This property is part of a large connected woodland feature that has an extensive trail network consisting of Nordic skiing in the winter and hiking and biking in the summer.

Historically this property was considered a demonstration forest. Signs to this affect, indicating various methods of harvest, still remain.

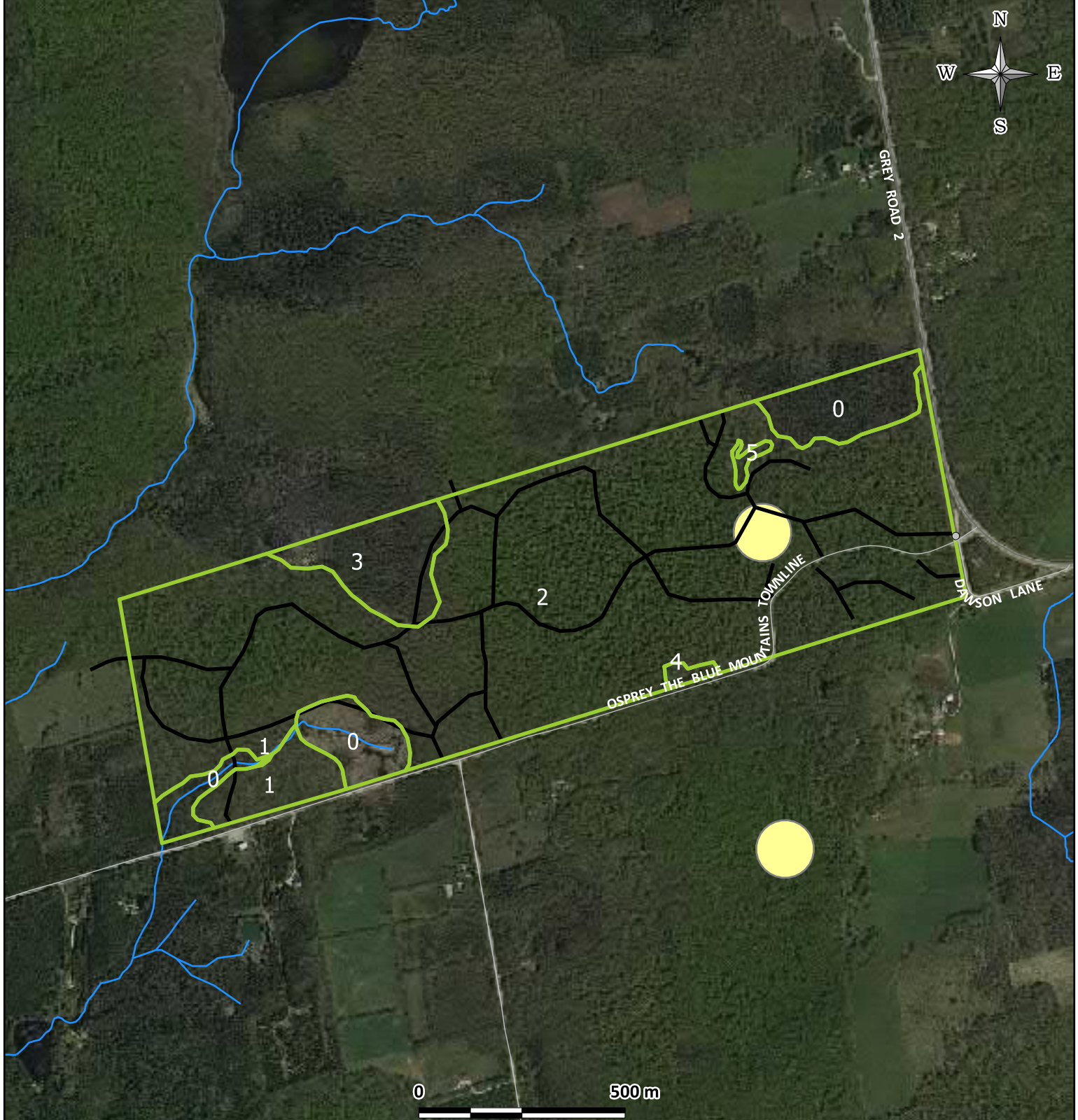
The 2011 harvest removed 2,338 stems to produce 237,532 fbm and 166 cord of fuelwood. This tender sold for \$217,000.

A harvest on the west half was scheduled for 2019 but has been postponed due to lower than expected basal area.

This property contains a portion of the regionally significant Kolapore Southwest Life Science Area of Natural and Scientific Interest, and a portion of the provincially significant Kolapore Headwaters wetland feature. The property is within the Niagara Escarpment Plan (NEP) area and is designated Escarpment Natural and Escarpment Protection under the NEP.

Management plan:

The west half will be considered for harvest again in 2024. The east half is scheduled for 2026 but it may be prudent to manage the entire parcel in one harvest to minimize the frequency of disturbance.



Grey County Forest Management Plan
Kolapore Tract - # 9
527671 Osprey-Blue Mountain Townline
Town of The Blue Mountains
Roll # 42420000090010000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-09
Grey County Forest Management Plan
Compartment 9: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Kolapore	9	2	2016	Mh4 Po1 Aw1 Bw1 Cw1 Pw1 OH1 (Bd Wb Be He Id Bn)	28.0	35.0	2.2	9.6	7.7	0.9	20.5
Kolapore	9	5	2016	Aw4 Bd3 By2 Ms1	17.0	23.7	6.0	6.0	2.0	0.0	14.0
Kolapore	9	1	2016	Mh9 OH1 (Bd Aw He)	6.0	29.0	3.3	13.3	1.3	0.0	18.0
Kolapore	9	1	2016	Mh9 OH1 (Bd Aw He)	6.0	29.0	3.3	13.3	1.3	0.0	18.0
Kolapore	9	3	2016	Cw5 Sw2 Oh2 Bf1 (Po Cb By Ms He)		29.8	7.3	18.7	4.0	0.7	30.7
Kolapore	9	2	2017	Mh9Oh1		35.3	2.1	9.8	8.6	0.8	21.3

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #10 Derby

Municipality:	Township of Georgian Bluffs
Former Township:	Derby Township
Civic Number:	217173 Concession 3
Lot:	16 and 17
Conc:	3
Area:	99.0 ha (245.0 acres)

General Description and History:

This property was purchased in 1948 and reforested in the early-1950's with Scotch, jack, red and white pine, Norway and white spruce and European larch. It consists of roughly 50 percent plantations and 50 percent upland hardwoods. It sits atop the Niagara Escarpment and is designated Escarpment Natural within the Niagara Escarpment Plan.

Access roads were constructed during the 1950's. In 2001, these roads were top dressed with gravel to fill in low portions.

The scotch pines were harvested as Christmas trees in the late 1950's. A few scattered individuals remain.

In the 1970's, crop tree pruning was done up to 17 feet.

In the mid 1990's, the white pine plantations were thinned.

In 2004, the white pines, larch and spruce were thinned.

In 2013, the plantations were thinned again. This thinning removed 3,973 trees to produce 769 cord. This tender sold for \$48,000.

The hardwoods had improvement cuts in the 1950's, the 1980's, and the 1990's.

In 2014 a commercial harvest was completed which removed 1,088 trees to produce 43,000 fbm along with 168 cord of firewood. This tender sold for \$30,000.

Property Condition:

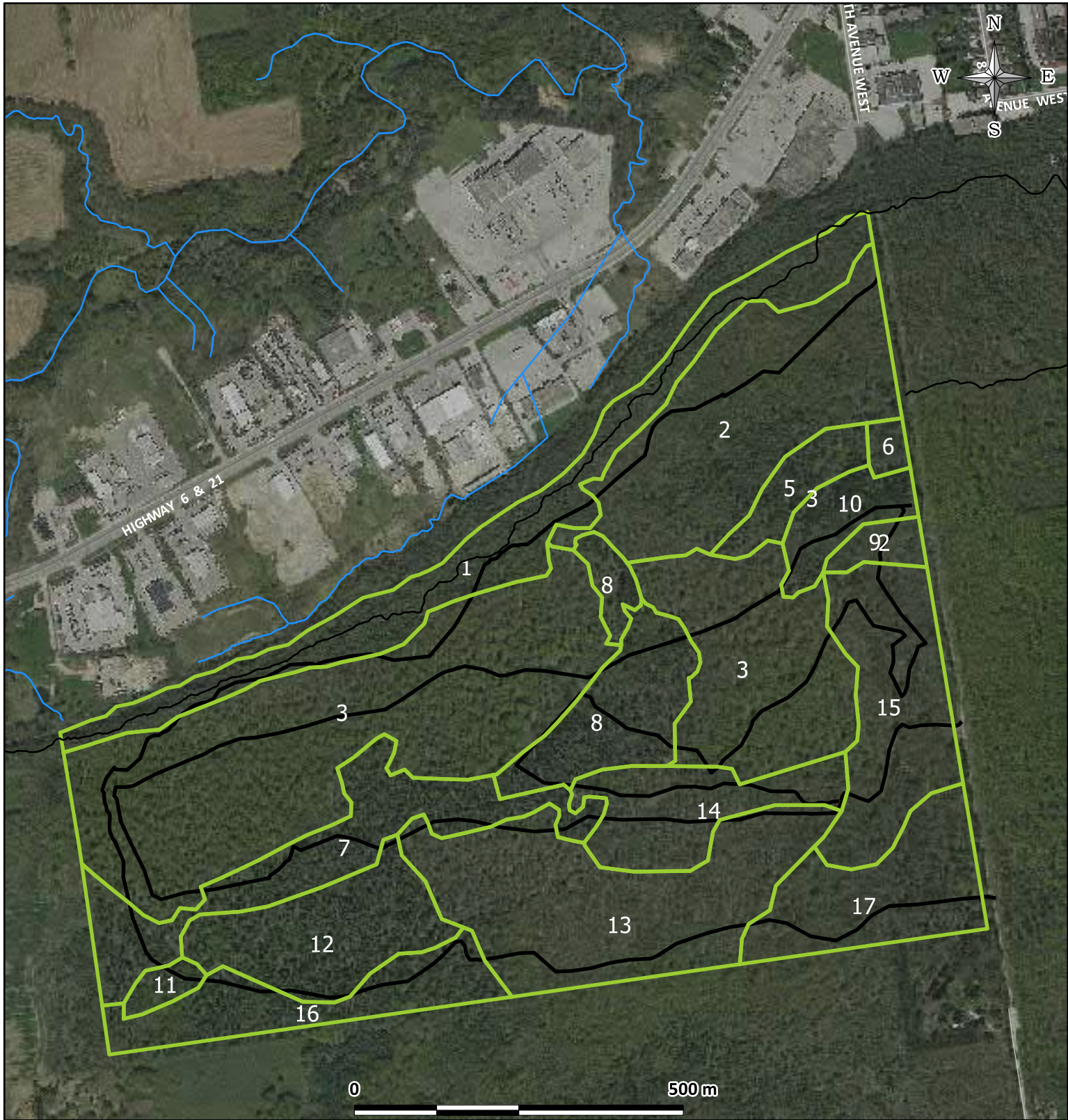
This well used property includes trails, maps, signage and benches for the public. It is susceptible to littering due to high use and its proximity to the City of Owen Sound.

ATV use has posed a problem in the past but has declined more recently.

Management plan:

The plantations will be selectively thinned from below again in 2023 and again every ten years until hardwood regeneration is well established and only a few mature softwood individuals remain in the canopy.

The hardwoods will be assessed for harvest in 2029.



Grey County Forest Management Plan
Derby Tract - # 10
218172 Concession 3
Township Of Georgian Bluffs
Roll # 42035400050010000000



- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

Table A1-10
 Grey County Forest Management Plan
 Compartment 10: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Derby	10	3	2014	Mh9 Oh1	24.0	33.6	4.8	7.8	5.8	1.4	19.8
Derby	10	3	2014	Mh9 Oh1	24.0	33.6	4.8	7.8	5.8	1.4	19.8
Derby	10	10	2014		22.0	37.7	1.3	10.7	14.0	0.0	26.0
Derby	10	16	2014		20.0	36.4	2.0	14.0	13.0	0.0	29.0
Derby	10	12	2014		21.0	33.2	4.8	14.4	7.6	0.4	27.2
Derby	10	7	2016	Pw7Sw1Cb1OH1 (Mh Ea Aw)	27.2	37.0	3.0	11.3	12.0	3.0	29.3
Derby	10	11	2016	Pw5 Mh3 Ea2		32.5	10.0	4.0	8.0	2.0	24.0
Derby	10	13	2016	Aw3 Ps3 Mh2 Ea1 OH1 (Cb Ap Bd Pw)	16.0	24.6	10.2	4.4	0.5	0.7	15.8
Derby	10	16	2016	Pw4 Mh3 Le2 OH1 (Ea Aw)	30.0	42.8	2.5	3.5	13.0	6.0	25.0
Derby	10	17	2016	Aw6 Mh2 Pw1 Ea1 (Pr Sw Ps Cb)	20.0	24.4	14.5	6.0	2.0	1.0	23.5
Derby	10	12	2016	Le3Sw2Pw2Mh2OH1 (Aw Cb Ea Ap)	25.0	37.1	2.8	7.2	10.4	2.4	22.8
Derby	10	8	2016	Sw5 Pw3 Aw2 (Mh Le Pr)	24.5	28.6	10.0	14.5	5.0	0.0	29.5
Derby	10	3	2016	Mh8 Aw1 OH1 (Po Bd Id He)Mh10 (Bd Po Sw Id He)	23.8	32.5	3.9	9.0	5.0	0.9	18.7
Derby	10	3	2016	Mh8 Aw1 OH1 (Po Bd Id He)Mh10 (Bd Po Sw Id He)	23.8	32.5	3.9	9.0	5.0	0.9	18.7
Derby	10	1	2016	Cw6He1Be1Po1Id1 (Aw Mh Bf Bd)	7.0	19.1	31.5	4.5	1.0	0.5	37.5
Derby	10	5	2016	Pw4Sw3Aw2Mh1 (Cb Be)	28.0	30.6	8.0	6.0	6.0	0.0	20.0
Derby	10	6	2016	Aw7 Le1 Sw1 Pw1	24.0	29.1	8.0	20.0	6.0	2.0	36.0
Derby	10	9	2016	Wb9 Id1	17.0	31.4	6.0	4.0	0.0	4.0	14.0
Derby	10	10	2016	Le4 Sw3 Mh2 Wb1 (Aw)	26.0	35.8	5.0	11.0	12.0	2.0	30.0
Derby	10	14	2016	Aw4 Le4 Mh1 OH1 (Ea Cb Pj)	25.8	29.8	6.0	10.0	3.6	0.4	20.0
Derby	10	15	2016	Aw3 Pw3 Mh1 Pj1 Wb1 OH1 (Sw Pr Cb Bn Bd Ap)	22.8	24.6	11.3	7.3	2.3	0.0	21.0
Derby	10	2	2016	Mh4 Po1 Aw1 Bw1 Cw1 Pw1 OH1 (Bd Wb Be He Id Bn)		23.7	17.2	10.4	2.0	0.6	30.2

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #11 Dromore

Municipality: Township of Southgate
Former Township: Egremont Township
Civic Number: 224497 Southgate Road 22
Lot: 22
Conc: 18
Area: 40.0 ha (99.0 acres)

General Description and History:

This property was purchased in 1949 and reforested in the 1950's with Scotch, red and white pine, and white and Norway spruce. It consists of roughly 50 percent plantations, 20 percent mixed wood swamp, 20 percent upland hardwood and ten percent treed fen. Norm Reeves creek flows east to west across the property. Access to the northern stands is via the neighbouring landowner's driveway.

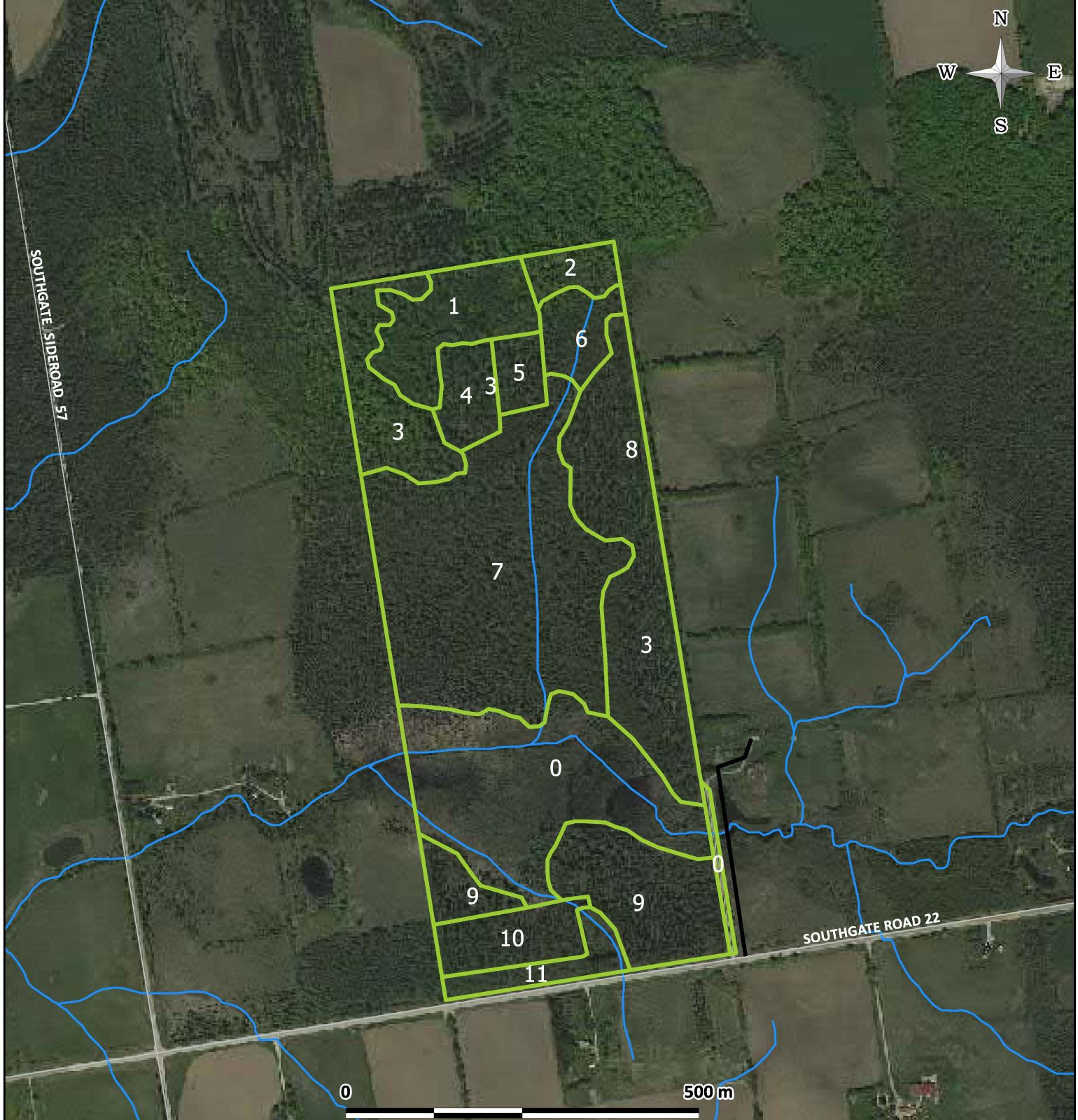
There is no record of plantation thinning prior to 2012. In 2012, 280 cord of white pine, red pine, and spruce were removed. The prescription for the 2012 harvest indicated that they had been row thinned in 2002.

The hardwood stands had an improvement cut in the 1960's and again in 2003. A low current basal area suggests that the stands were severely overharvested in 2003. Due to this, the 2018 harvest was postponed.

Management plan:

The plantations will be selectively thinned from below in 2022 and every 10 years thereafter until regeneration is well established and a few mature individual softwoods remain in the canopy.

The hardwoods will be reassessed in 2029 for harvest at which time a single tree/group tree selection harvest will be done maintaining a minimum basal area of 20 m².



Grey County Forest Management Plan
Dromore Tract - # 11
224497 Southgate Road 22
Municipality of Southgate
Roll # 42070600020510000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-11
 Grey County Forest Management Plan
 Compartment 11: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Dromore	11	9	2012		20.0						
Dromore	11	9	2012		20.0						
Dromore	11	8	2012	Pr5Pw3Sn2	20.0	28.4	8.0	16.0	1.6	0.0	25.6
Dromore	11	2	2016	Mh7 Aw2 Cb1	20.0	41.0	2.0	3.0	7.0	4.0	16.0
Dromore	11	1	2016	Po4Aw3Mh2Cb1 (By)	20.0	28.0	10.5	8.0	4.5	0.0	23.0
Dromore	11	3	2016	Mh8Cb2 (By Aw)		31.8	4.5	7.0	5.0	0.0	16.5
Dromore	11	4	2016	Pw8 Cb2		40.0	3.0	2.0	10.0	3.0	18.0
Dromore	11	5	2016	Le7 Sn3		40.6	0.0	4.0	10.0	0.0	14.0
Dromore	11	8	2016	Pw6 Pr3 Cb1		35.7	0.5	14.5	6.5	0.5	22.0
Dromore	11	9	2016	Sw5 Pw4 Sn1		31.3	4.0	13.5	3.5	0.0	21.0
Dromore	11	9	2016	Sw5 Pw4 Sn1		31.3	4.0	13.5	3.5	0.0	21.0
Dromore	11	10	2016	Pw7 Pr1 Aw1 Cb1		36.7	2.0	10.0	10.5	0.5	23.0
Dromore	11	11	2016	Aw6 Cb2 Pr2 (Pw)		36.0	2.0	5.0	7.0	0.0	14.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #12: Camp Oliver **East**

Municipality: Township of Southgate
Former Township: Egremont Township
Civic Number: 283710 Southgate-Glenelg Townline
Lot: Pt Lots 7 and 8
Conc: 22
Area: 26.5 ha (65.5 acres)

General Description and History:

This property was purchased in 1938 and reforested the following year. The property consists of roughly 60 percent plantations and 40 percent upland hardwood.

Thinning operations occurred in the 1960's, the 1980's and the 1990's although it is unclear as to which stands were treated. Stands 1,4 and 5 received their third thinning in 2008 and another thinning in 2017/18.

The hardwoods received an improvement cut in the 1980's. In 2008, a commercial harvest resulting in the removal of 219 trees to produce 15833 fbm and 24 full cord of fuelwood.

Management plan:

The plantation will be selectively thinned from below again in 2027 and every 10 years thereafter that until adequate regeneration has established under the canopy and only a few mature individual softwoods remain.

The hardwoods will be assessed for harvest in 2023 utilizing single tree selection/group selection to promote the growth of better-quality trees. Residual basal will be maintained at 20 m² in an attempt to reach ideal basal area size class distribution.



Grey County Forest Management Plan
Camp Oliver East Tract - # 12
283710 Southgate-Glenelg Townline
Township Of Southgate
Roll # 42070600012320000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-12
Grey County Forest Management Plan
Compartment 12: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Camp Oliver East	12	1	2016	Pr8 Mh2 (Aw)		31.3	4.0	13.5	2.5	0.5	20.5
Camp Oliver East	12	7	2016	Aw5 Cb2 Mh1 Pr1 Ea1		18.0	13.0	0.0	0.0	0.0	13.0
Camp Oliver East	12	2	2016	Mh6 Bd1 Aw1 Cb1 Ps1 (Ea)		24.1	10.0	6.0	0.7	0.0	16.7
Camp Oliver East	12	5	2016	Sw7 Aw1 Cb1 Mh1		32.8	4.0	9.2	5.2	0.4	18.8
Camp Oliver East	12	6	2016	Mh9 Bd1 (Aw)		35.8	4.7	8.0	8.0	2.7	23.3

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #13

Four Corner

Municipality: Municipality of Grey Highlands
Former Township: Euphrasia Township
Civic Number: 527137 Artemesia – Euphrasia Townline
Lot: West Half Lot 1
Conc: 1
Area: 40 ha (100 acres)

General Description and History:

This property was purchased in 1950. Shortly after purchase, a small (0.5 Ha) area was reforested with white pine. The remainder of the property consists of 50 percent upland hardwoods and 50 percent poorly drained mixed wood. This property is within the Niagara Escarpment Plan (NEP) area and is designated Escarpment Natural and Escarpment Protection under the NEP.

The plantation was pruned up to 6 feet in the 1980's and thinned in the early 1990's. No further treatments have occurred since that time. The plantation is currently overstocked and requires thinning. However, it may be difficult to attract a buyer due to the small size of the plantation.

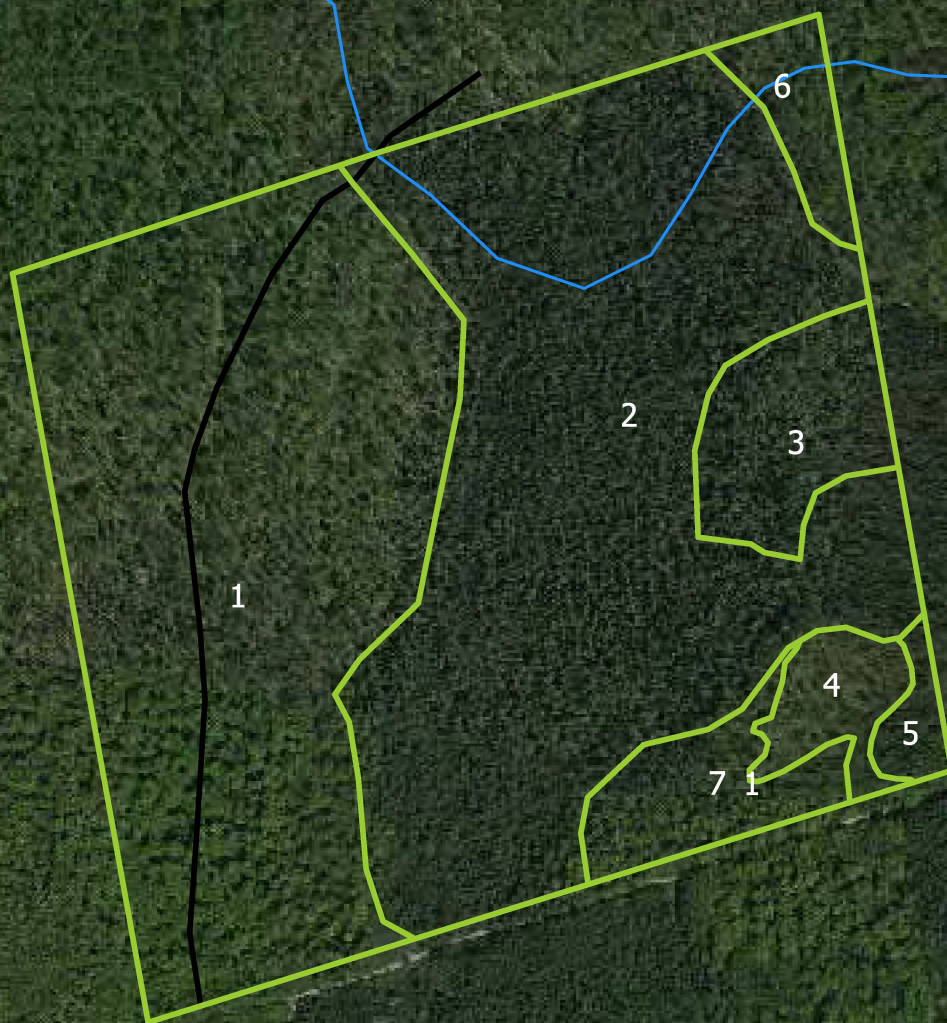
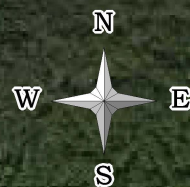
Girdling of the hardwoods occurred in the 1950's to promote better-quality stems and to reduce competition. Sawlog harvests occurred in the late 1990's and again in 2012. The 2012 harvest produced 42,000 fbm and 98 cord of firewood. However, it appears that the harvest crossed the property boundary onto Grey Sauble Conservation Authority lands to the north. In 2015, the Conservation Authority noted this property infringement.

Management plan:

The plantation should be put onto the schedule to coincide with Grey Sauble Conservation Authority's harvest of their property to the east. It will be put onto the schedule for 2026 which should be the same year as the next Grey Sauble thinning. Another option would be to let it go naturally and become an old growth stand.

The hardwoods are scheduled for harvest in 2027, at which time a single tree selection/group selection will be implemented if the basal area is high enough.

Currently, the basal area is approximately 17 m² and therefore may not be ready in 2027. The hardwoods will be reassessed in 2026.










0

500m



Grey County Forest Management Plan
Four Corner Tract - # 13
527137 Artemesia-Euphrasia Townline
Municipality Of Grey Highlands
Roll # 42083900010010000000

-  Forest Stands
-  Roads
-  Watercourses
-  Trails
-  Bruce Trail
-  Growth and Yield Plot Locations
-  (Other Forest Tract)

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Table A1-13
Grey County Forest Management Plan
Compartment 13: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Four Corner	13	1	2016	Mh9 Cb1 (Id Aw Bf He Ea By Bd)		33.6	3.6	6.0	6.4	1.1	17.1
Four Corner	13	3	2016	Bf5 Po4 Bw1 (Mh Bd)	20.0	30.6	11.0	6.0	4.0	4.0	25.0
Four Corner	13	4	2016	Mh8Bd2	26.0	32.5	2.0	10.0	4.0	0.0	16.0
Four Corner	13	5	2016	Pw8 Cb2		31.2	20.0	12.0	12.0	4.0	48.0
Four Corner	13	7	2016	Mh6 Bf4	28.0	22.0	14.0	14.0	0.0	0.0	28.0
Four Corner	13	2	2016		19.0	26.9					
Four Corner	13	6	2016	Mh9Bd1	26.0	36.9	4.0	8.0	6.0	4.0	22.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #14 Rocklyn

Municipality: Municipality of Grey Highlands
Former Township: Euphrasia Township
Civic Number: 156115 7th Line
Lot: North Half Lot 17
Conc: 6
Area: 40 ha (98.8 acres)

General Description and History:

This property was purchased in 1953 and reforested shortly thereafter with white pine, white spruce, and Norway spruce. It consists of roughly equal areas of plantation, upland hardwoods and wetlands. It is part of the Niagara Escarpment Plan (NEP) area and is designated Escarpment Rural and Escarpment Natural under the NEP.

In the late 1990's a road was bulldozed about two-thirds of the way to the back.

The plantations were thinned in the 1980's, the 1990's, and in 2013. The remaining stems are of excellent quality.

The cedar was strip cut in the 1990's and has still not regenerated.

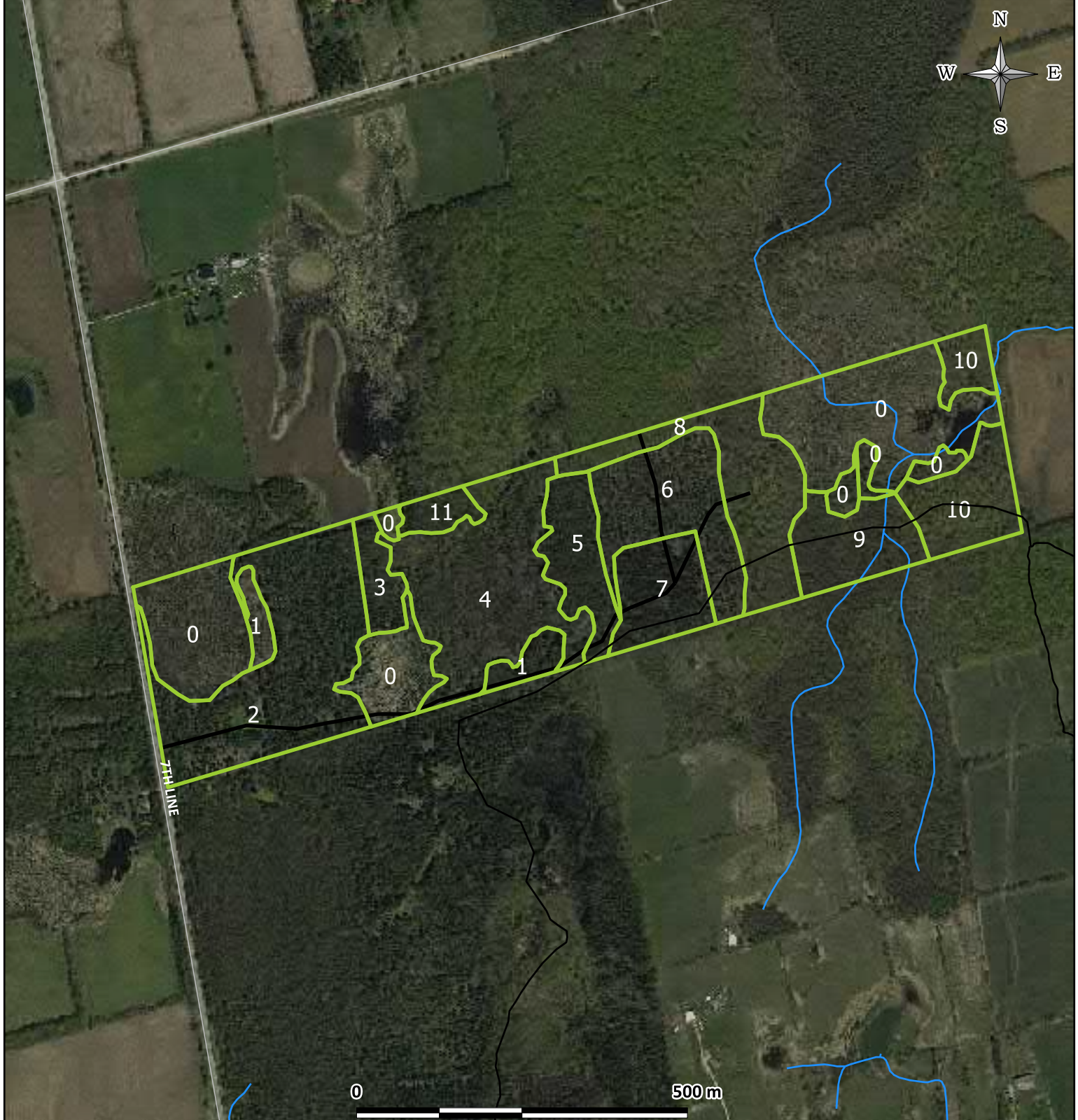
The hardwoods were harvested in the early 1990's and again in 2003 with a target of 20m² residual basal area. An inventory conducted in 2017 shows that the stands were below 20m² after 14 years of growth. This indicated that these stands were overharvested in the past. These stands were slated for harvest in 2018 but had to be postponed due to insufficient stocking.

Management plan:

The plantations will be thinned from below in 2023 and every 10 years thereafter until there is adequate regeneration in the understory and only a few mature softwoods remain scattered in the overstory.

The cedars will be monitored for regeneration and scheduled for partial harvest once regeneration has been established.

The hardwoods will be put onto the schedule for 2026 with the prediction that the basal area will have increased to 24 m² by that time. Single tree selection or group selection will be implemented to increase the growth of the residual trees and allow for continued diversity in species. A minimum residual basal area of 20 m² will be maintained.



Grey County Forest Management Plan
Rocklyn Tract - # 14
156115 7th Line
Municipality Of Grey Highlands
Roll # 42083900050400000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-14
 Grey County Forest Management Plan
 Compartment 14: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Rocklyn	14	2	2013	Pw6 Sw4	22.0	34.9	3.6	15.2	10.0	0.8	29.6
Rocklyn	14	7	2013	Sn10	22.0	40.0	0.4	9.6	18.4	0.8	29.2
Rocklyn	14	6	2013	Pw6Sw4	22.0	29.3	8.0	16.4	3.2	0.0	27.6
Rocklyn	14	8	2017	Mh6 Aw2 Po1 Ea1 (Sw)	21.7	31.7	6.7	5.3	6.7	1.3	20.0
Rocklyn	14	10	2017	Mh7 Be1 Id1 OH1 (Ea By)	20.0	30.2	5.3	8.7	4.0	0.7	18.7
Rocklyn	14	10	2017	Mh7 Be1 Id1 OH1 (Ea By)	20.0	30.2	5.3	8.7	4.0	0.7	18.7
Rocklyn	14	9	2018	Ms7 Mh1 Aw1 OH1	18.0	28.1	11.0	25.0	2.0	0.0	38.0
Rocklyn	14	6	2018	Sw5 Pw4 OH1	23.0	34.6	2.8	16.0	10.8	0.4	30.0
Rocklyn	14	5	2018	Cw10	7.0	26.7	37.0	50.0	7.0	0.0	94.0
Rocklyn	14	7	2018	Sw10	25.0	41.5	0.0	6.0	30.0	2.0	38.0
Rocklyn	14	2	2018	Pw8 Sw1 OH1 (Ms,Mh,Cb,Ea,Aw)	25.0	37.6	4.3	9.3	19.0	3.3	36.0
Rocklyn	14	1	2018	Cw8 Ea1 OH1(Mh, Pw)	14.0	28.6	12.0	20.0	6.0	0.0	38.0
Rocklyn	14	1	2018	Cw8 Ea1 OH1(Mh, Pw)	14.0	28.6	12.0	20.0	6.0	0.0	38.0
Rocklyn	14	3	2018			22.1					
Rocklyn	14	11	2018	Cw8 Ms1 OH1 (Mh,Bf)		21.7	42.0	16.0	0.0	0.0	58.0
Rocklyn	14	4	2018	Cw3 Ms3 By1 Bf1 Bd1 OH1 (Ea,Aw)	13.0	25.3	10.5	8.0	2.0	1.0	21.5

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #15 Leopard

Municipality:	Municipality of Grey Highlands
Former Township:	Euphrasia Township
Civic Number:	155862 7 th Line
Lot:	Part Lot 14
Conc:	7
Area:	40 ha (98.8 acres)

General Description and History:

This property was purchased in 1951 and planted soon afterwards with white, red and jack pine, and Norway and white spruce. The Wodehouse Marsh provincially significant wetland occurs across much of this property. This wetland feature forms part of the headwaters of Wodehouse creek.

The plantations were thinned in the late-1990's and again from 2011 until 2014. Due to the wetland feature on the property, access to the western portion of the property requires frozen conditions.

The harvesting done in the 1990's appears to have devastated the plantations, leaving only poor-quality trees. Pruning was completed in the 1970's and early 1990's up to 17 feet.

The lowland hardwoods have never been given any type of treatment.

Management plan:

The plantations will be thinned from below in 2024 again and every 10 years thereafter until such time as there is adequate regeneration in the understory and a few mature softwoods scattered in the canopy.

No management will be done in the lowland hardwoods as these are part of a provincially significant wetland.



Grey County Forest Management Plan
Leopard Tract - # 15
155862 7th Line
Municipality Of Grey Highlands
Roll # 42083900050950000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-15
 Grey County Forest Management Plan
 Compartment 15: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Leopard	15	2	2018	Mh4 Po2 Cw1 Sw1 OH2 (ld,Bw,Bf)		20.9	28.0	0.0	6.0	0.0	34.0
Leopard	15	1	2018	Cw6 Bw1 Ms1 Sw1 OH1 (Aw, Po, Ea)	7.0	25.0	22.8	20.0	3.2	0.0	46.0
Leopard	15	3	2018	Pr5 Sw3 Aw1 OH1 (Cb,Mh)	19.0	29.7	6.4	15.6	4.0	0.0	26.0
Leopard	15	4	2018	Sw5 Po4 OH1 (Ea,Cb,Aw)	19.0	26.5	10.0	20.0	0.0	0.0	30.0
Leopard	15	5	2018	Cw6 Sw2 Aw1 OH1 (Ms,Bw)		18.4	56.0	6.0	0.0	0.0	62.0
Leopard	15	9	2018	Mh8 Be1 Po1	24.0	35.5	3.3	14.7	12.7	1.3	32.0
Leopard	15	6	2018	Sw6 Bf2 Cb1 Cw1	16.0	24.5	12.0	11.0	2.0	1.0	26.0
Leopard	15	7	2018	Sw9 Cb1	18.0	22.0	24.0	10.0	0.0	0.0	34.0
Leopard	15	8	2018		12.0	26.1	14.3	9.0	4.0	1.0	28.3

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #16 Harkaway

Municipality: Municipality of Grey Highlands
Former Township: Euphrasia Township
Civic Number: 585195 Sideroad 10A
Lot: Part Lot 10, and Lot 10 and Part Lot 11
Conc: 11 and 12
Area: 146 ha (362 acres)

General Description and History:

This property was purchased in 1956 and planted in the late 1950's with 157,100 white pine, red pine, jack pine, Scots pine, Norway spruce, white spruce, and white ash. The plantation was refilled in the 1960's due to high mortality in the white pines. The property consists of about 60 percent upland hardwoods and 40 percent plantation.

There is an old logging road that traverses the entire property and is currently used by both ATV and snowmobile clubs. This is the only Grey County forest property that currently allows ATV use.

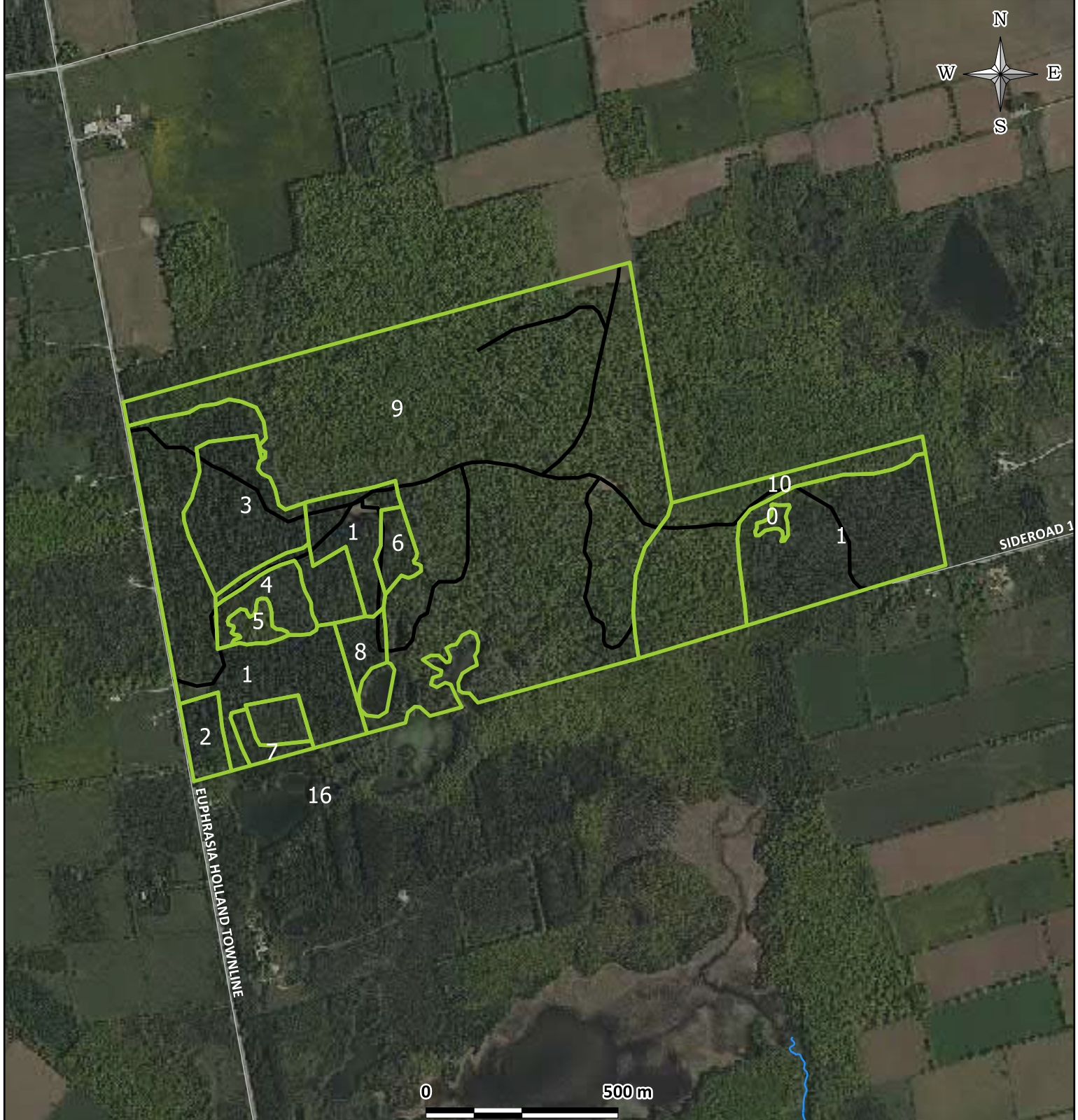
The plantations were pruned up 17 feet in the 1970's. These plantations were thinned in the late 1990's, in 2005, and in 2016.

The hardwoods had been cut to the diameter limit of 12 inches in 1952 by the previous owner. The hardwoods were harvested again the 1960's, 1990's, and in 2015. The 2015 harvest took 191,000 fbm and 504 cord of fuelwood.

Management plan:

The plantations will be thinned from below in 2026 and again every 10 years thereafter until they reach stand conversion with adequate regeneration in the understory and a few mature softwood individuals in the canopy. Any remaining Scots pine will be removed in the next harvest.

The hardwoods will be assessed for harvest in 2030. However, it is unlikely that the basal area will have rebounded to a sufficient level to warrant a harvest.



Grey County Forest Management Plan
Harkaway Tract - # 16
Euphrasia-Holland Townline
Municipality Of Grey Highlands
Roll # 42083900071000000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-16
 Grey County Forest Management Plan
 Compartment 16: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Harkaway	16	9	2015	Mh8Cb1Be1	25.0	34.4	5.5	5.9	5.9	2.4	19.7
Harkaway	16	8	2018	Mh8,lh1(Cb,Bd,By)Oc1(SwPwHeBf)	16.0	30.5	5.5	6.2	5.1	1.0	17.8
Harkaway	16	9	2018	Mh8,Oh1,Oc1	22.0	30.8	6.8	6.0	5.0	1.2	19.1
Harkaway	16	1	2018	Pw7,Sw1,Cb1,Mh1	22.0	31.1	5.9	15.4	6.7	0.2	28.2
Harkaway	16	1	2018	Pw7,Sw1,Cb1,Mh1	22.0	31.1	5.9	15.4	6.7	0.2	28.2
Harkaway	16	1	2018	Pw7,Sw1,Cb1,Mh1	22.0	31.1	5.9	15.4	6.7	0.2	28.2
Harkaway	16	1	2018	Pw7,Sw1,Cb1,Mh1	22.0	31.1	5.9	15.4	6.7	0.2	28.2
Harkaway	16	10	2018	Mh7,Aw2,Oh1	19.0	27.6	10.5	9.5	3.8	0.8	24.7
Harkaway	16	5	2018	Mh3,Bd3,ld2,Cb1,Ps1	10.0	25.5	20.0	6.0	2.0	4.0	32.0
Harkaway	16	4	2018	Ps5,Cb3,Mh1,Oh1(Ea,Bd)	8.0	21.0	10.7	3.3	1.3	0.0	15.3
Harkaway	16	0	2018		17.0	26.2	15.0	10.0	8.0	0.0	33.0
Harkaway	16	3	2018	Pw5,Sw3,Cb1,Oh1(Aw,Bd)	18.0	29.5	4.8	7.8	4.0	0.0	16.5
Harkaway	16	0	2018		16.0	24.7	6.0	12.0	0.0	0.0	18.0
Harkaway	16	7	2018	Pw7,Sw1,Mh1,Cw1	20.0	26.0	12.0	14.0	2.0	0.0	28.0
Harkaway	16	2	2018	Pw4,Mh2,Sw2,Oh2(Cb,Ea,Bd)	21.0	27.8	15.0	14.0	2.0	3.0	34.0
Harkaway	16	6	2018	Sw4,Mh3,Cb2,Pw1	21.0	27.0	8.0	10.0	2.0	0.0	20.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #17

Topcliff North

Municipality:	Municipality of West Grey
Former Township:	Glenelg Township
Civic Number:	303825 Southline
Lot:	Part Lot 19
Conc:	2 SDR
Area:	12 ha (30 acres)

General Description and History:

This property was purchased in 1947 and reforested in the late 1940's with white pine, red pine, and white spruce. A small portion of the property is upland hardwoods while the remainder is plantations.

The plantations were pruned up to 17 feet in the 1980's. The plantations were thinned in the 1990's and again in 2013.

No records of any work in the hardwoods are available.

Management plan:

The plantations will be thinned from below in 2023 and every 10 years thereafter until such time as sufficient regeneration has been established in the understory and a few mature softwoods remain in the canopy.

The hardwoods will be assessed for harvest in 2028. However, due to the small size of the stand, it is unlikely that any amount of material will come out and finding a buyer will be difficult. Alternately, this stand can be used as a seed source for the plantations until such time as the stand conversion occurs.



Grey County Forest Management Plan
Topcliff North Tract - # 17
303825 South Line
Municipality Of West Grey
Roll # 42052200020980000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-17
Grey County Forest Management Plan
Compartment 17: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Topcliff North	17	1	2017	Pw6Sw2Le2 (Ea Mh Aw)	25.5	39.2	3.0	5.5	13.0	4.5	26.0
Topcliff North	17	2	2017	Cb5Mh3Aw2	16.0	27.8	8.0	8.0	2.0	2.0	20.0
Topcliff North	17	3	2017	Pw7Cb2Pr1 (Mh Aw)	23.2	33.7	6.3	5.7	9.7	1.7	23.3

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #18 Glen Rodin

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number: 394502 Concession 2
Lot: 24
Conc: 2 EGR
Area: 40 ha (100 acres)

General Description and History:

The property was purchased in 1948 and reforested with white and red pine in the 1950's. The property consists predominantly of plantations with a small component of young upland deciduous and a large cedar swamp in the southwest corner. The swamp is part of the provincially significant McKechnie Creek wetland complex and forms a portion of the headwaters of McKechnie creek. There is an access trail that runs the entire length of the property.

The plantations were pruned up to 17 feet in the 1980's. The plantations were thinned in the late 1990's and in 2009.

The cedar stand was strip cut in the 1950's, the 1980's and in 2009. No regeneration has occurred in the most recent strips due to the excessive slash left on site.

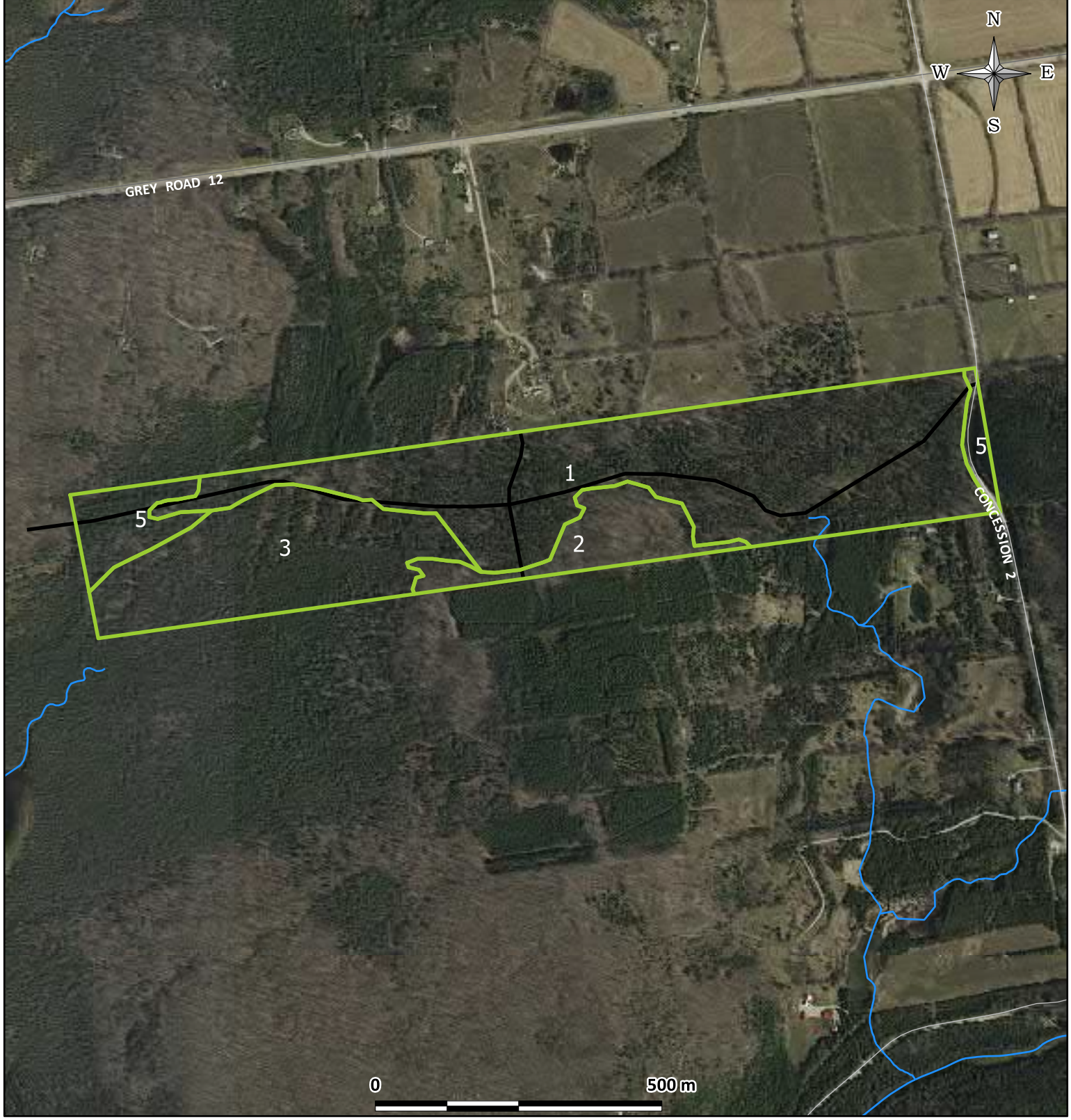
The small hardwood stand at the rear of the property is now virtually non-existent as a result of a harvest in 2009. The young hardwood stand in the middle of the property is understocked and consists of mostly polewood and small sawlogs.

Management plan:

The plantations will be thinned from below in 2019 and every 10 years thereafter until adequate regeneration is established and a stand conversion can occur.

The hardwood stands have been overharvested. These stands will be reassessed for harvest in 2029.

There is potential for cedar strip cuts in the remaining stand. If this operation occurs, the existing slash should be removed from the site.



Grey County Forest Management Plan
Glen Rodin Tract - # 18
394502 Concession 2
Municipality Of West Grey
Roll # 42052200040619800000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-18
Grey County Forest Management Plan
Compartment 18: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Glen Rodin	18	1	2017	Pw5Pr4Sw1 (Mh Cb Aw)	26.8	32.2	3.0	13.8	4.8	0.3	21.8
Glen Rodin	18	2	2017		18.5	25.2	12.0	1.0	4.0	0.0	17.0
Glen Rodin	18	4	2017	Pw7Sw3 (Cb)	25.0	38.3	3.0	14.0	19.0	3.0	39.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #19

Camp Oliver **West**

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number: 473338, 473339 and 473240
Lot: 6, 7, 8, 9, 10, 11, 12, 13, 14 AND 4, 7
Conc: 3 SDR and 4 SDR
Area: 212 ha (524 acres)

General Description and History:

This property was purchased in 1938 and 1944 and was reforested over the course of several years from 1939 until the 1950's. It now has impressive stands of pine and spruce that have been well managed. Good access trails exist and are utilized by various groups for recreation purposes.

The plantations were thinned up to 5 metres in the 1960's, the 1970's, the 1980's, and the 1990's. However, records of which stands were thinned are not available.

In 2005, a harvest removed 942 trees took 95,873 fbm and 79 full cord of pulpwood.

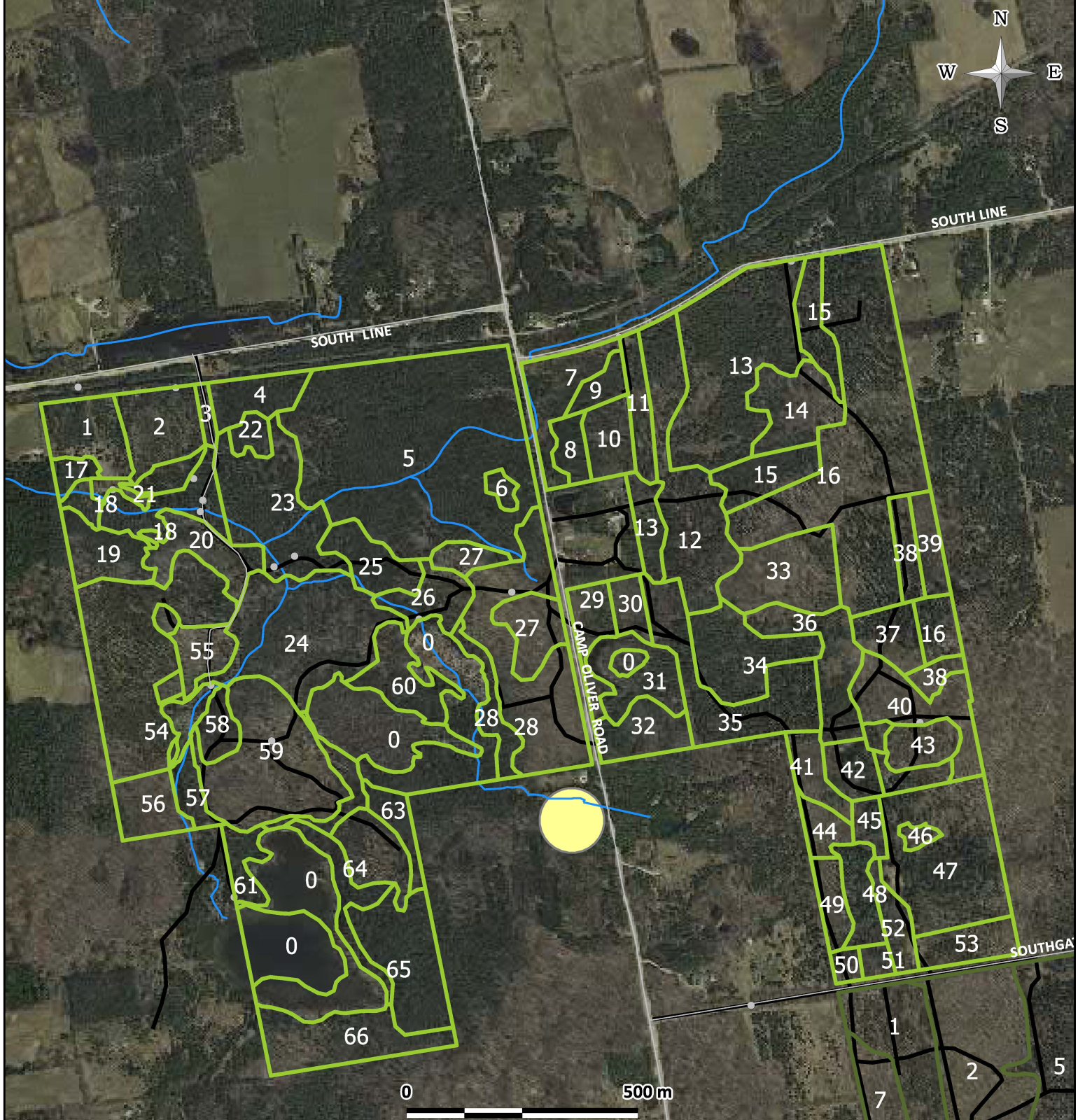
In 2006, several areas of cedar were strip cut. Little to no regeneration has occurred since these strip cuts were completed.

In 2008, two hardwood tenders removed 2,508 trees that produced 63,509 FBM and 412 cord of fuelwood. Prior to 2008, the last hardwood harvest was in the late 1990's but no information which stands were cut is not available.

Management plan:

The plantations are being thinned from below in 2019 and again every 10 years thereafter until stand conversion. Many of the stands will only require the 2019 thinning or possibly one more.

The hardwood stands are in various stages of growth and are scattered amongst the plantation. Two hardwood stands are scheduled for harvest in 2019. These are stands 14 and 20. The remainder need to have improvement cuts done as they are overstocked in the poles and small sawlogs size classes. It is possible that these improvement cuts will be put on the schedule in the early 2020's.



Grey County Forest Management Plan
Camp Oliver West Tract - # 19
303706 South Line
Municipality Of West Grey

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-19
Grey County Forest Management Plan
Compartment 19: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Camp Oliver West	19	16	2017	Pw6Mh2Aw1Cb1 (Ms Cw Bd Sw Id Ea)	24.0	36.3	10.4	6.9	13.9	8.3	39.4
Camp Oliver West	19	29	2017	Mh4Cw2Pw1Bf1Ab1Aw1 (Sw)	12.0	21.2	16.0	6.0	2.0	0.0	24.0
Camp Oliver West	19	30	2017	Or8Ab1Aw1	18.0	24.2	20.0	12.0	2.0	0.0	34.0
Camp Oliver West	19	31	2017	Ms3MH2Bf1He1Ab1Cw1Be1	14.0	25.9	18.0	8.0	4.0	2.0	32.0
Camp Oliver West	19	39	2017	Ms4Ps3Aw2OH1 (Wb Cb)	12.0	24.9	20.0	14.0	2.0	2.0	38.0
Camp Oliver West	19	38	2017	Pr5Aw4Ab1	21.0	29.7	12.0	26.0	2.0	2.0	42.0
Camp Oliver West	19	15	2017	Sw5Aw2Mh2Cb1 (Cw)	12.0	26.2	23.0	16.0	2.0	2.0	43.0
Camp Oliver West	19	15	2017	Sw5Aw2Mh2Cb1 (Cw)	12.0	26.2	23.0	16.0	2.0	2.0	43.0
Camp Oliver West	19	33	2017	Mh3Aw3Sw2Cb1OH1 (Pr Id Bd Or)	18.0	28.1	12.0	12.8	2.8	1.6	29.2
Camp Oliver West	19	12	2017	Pr86w1Mh1Cw1Cb1 (Ea Bf)	22.0	29.6	8.7	24.0	4.7	0.3	37.7
Camp Oliver West	19	13	2017	Cw8He1OH1 (By Ms Mh Cb Po Aw)	12.0	24.2	39.2	20.6	3.4	0.4	63.6
Camp Oliver West	19	13	2017	Cw8He1OH1 (By Ms Mh Cb Po Aw)	12.0	24.2	39.2	20.6	3.4	0.4	63.6
Camp Oliver West	19	37	2017	Sw10	22.0	22.6	12.0	8.0	0.0	0.0	20.0
Camp Oliver West	19	36	2017	Sw6Ms2Pw1Mh1 (Aw Cb Po Or)	12.7	18.8	26.0	4.0	0.0	0.0	30.0
Camp Oliver West	19	35	2017	Sw6 Ms1 Cw1 Cb1 Mh1 (Aw)	16.0	25.3	16.8	10.8	2.0	0.0	29.6
Camp Oliver West	19	34	2017	Sw7 Cw2 Cb1 (Bf)	8.0	26.1	14.0	10.7	4.7	0.0	29.3
Camp Oliver West	19	32	2017	Pw3Ab2Sw2Cb2Aw1(Wb Pr)	18.0	25.7	21.0	15.0	4.0	0.0	40.0
Camp Oliver West	19	14	2017	Mh6He1Id1By1Aw1 (Bd Bw)	22.0	32.1	12.7	10.7	12.7	3.3	39.3
Camp Oliver West	19	11	2017	Pw4 Mh3 Cb1 Aw1 Pr1	22.0	37.6	2.0	20.0	6.0	4.0	32.0
Camp Oliver West	19	9	2017	Cw10	8.0	20.4	84.0	14.0	0.0	0.0	98.0
Camp Oliver West	19	1	2017	Pw9 Cb1 (Sw Po)	5.0	16.1	18.7	0.0	0.0	0.0	18.7
Camp Oliver West	19	2	2017	Pr5Aw2Mh1Cb1OH1 (Ew)	14.0	25.3	12.7	8.0	1.3	1.3	23.3
Camp Oliver West	19	3	2017	Pr8Cb1Mh1	18.0	28.9	4.0	24.0	0.0	0.0	28.0
Camp Oliver West	19	4	2017	Sw5Cw2Id1Bf1Cb1 (Ms)	15.0	27.7	12.0	11.0	5.0	1.0	29.0
Camp Oliver West	19	7	2017	Cw7Bf2Po1 (By)	6.0	16.4	34.0	2.0	0.0	0.0	36.0
Camp Oliver West	19	8	2017	Cw8Sw1Aw1 (Po)	7.0	19.7	50.0	6.0	2.0	0.0	58.0
Camp Oliver West	19	10	2017	Pr5Mh2Cb2Aw1	24.0	28.1	10.0	19.0	2.0	0.0	31.0
Camp Oliver West	19	17	2017	Cw10 (Ea)	10.0	22.7	52.0	18.0	6.0	0.0	76.0

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Camp Oliver West	19	21	2017	Sw5Pr4Ps1	18.0	24.0	30.0	12.0	2.0	0.0	44.0
Camp Oliver West	19	21	2017	Sw5Pr4Ps1	18.0	24.0	30.0	12.0	2.0	0.0	44.0
Camp Oliver West	19	22	2017	Cb4Sw3He2Bd1 (Cw Aw)	22.0	32.3	16.0	14.0	16.0	4.0	50.0
Camp Oliver West	19	23	2017	Cw7OH2By1 (Po Ms Aw Bf Cb He Ea)	14.0	24.7	18.8	14.0	2.4	0.4	35.6
Camp Oliver West	19	25	2017	Cw6Ms1Cb1Ps1Bf1 (Mh Aw Pw He)	14.0	25.0	29.0	13.0	4.0	3.0	49.0
Camp Oliver West	19	5	2017	Cw8 Ms1 OC1 (He Bf By Cb Po Ab)	8.0	23.3	33.6	18.4	1.4	0.1	53.5
Camp Oliver West	19	6	2017	Id3 Cw2 Bw2 Be1 Cb1 Aw1	10.0	19.1	22.0	4.0	0.0	0.0	26.0
Camp Oliver West	19	28	2017	Mh6Cb1Aw1Id1Bd1 (By Cw He)	20.0	24.4	18.3	7.8	3.8	0.5	30.3
Camp Oliver West	19	28	2017	Mh6Cb1Aw1Id1Bd1 (By Cw He)	20.0	24.4	18.3	7.8	3.8	0.5	30.3
Camp Oliver West	19	27	2017	Mh7 Aw1 Be1 (Bd By Id Cb)	23.0	29.6	8.7	16.7	4.0	1.3	30.7
Camp Oliver West	19	26	2017	Pr8Mh1Cb1 (Aw)	23.0	32.0	4.0	34.0	4.0	2.0	44.0
Camp Oliver West	19	60	2017	Pr5Cb3Ms1Mh1	23.0	33.4	4.0	22.0	7.0	2.0	35.0
Camp Oliver West	19	24	2017	Mh3Cw3Ab1Aw1OH1OC1 (By Ms Pr He Cb Po Bf Be Bd Id)	19.1	28.9	13.3	13.5	5.5	1.5	33.8
Camp Oliver West	19	56	2017	Mh7Bd2Aw1	18.0	33.1	6.0	9.0	5.0	2.0	22.0
Camp Oliver West	19	55	2017	Aw5Cb2Le2Mh1	18.0	22.9	18.0	8.0	0.0	0.0	26.0
Camp Oliver West	19	18	2017	Cw8Po1OH1 (Ps Ms Ea Aw Bf)	9.7	23.2	34.7	11.3	2.7	0.7	49.3
Camp Oliver West	19	18	2017	Cw8Po1OH1 (Ps Ms Ea Aw Bf)	9.7	23.2	34.7	11.3	2.7	0.7	49.3
Camp Oliver West	19	19	2017	Pr4Mh2Cw2Aw2 (Cb)	14.0	25.0	16.0	16.0	2.0	0.0	34.0
Camp Oliver West	19	20	2017	Mh4Id3Cb2OH1 (Cw Be Bd By Aw)	17.0	29.2	12.7	12.7	4.0	2.7	32.0
Camp Oliver West	19	54	2017		23.6	30.8	4.8	16.8	4.3	0.3	26.0
Camp Oliver West	19	57	2017	Pw5Cb5	25.0	40.9	2.0	10.0	12.0	6.0	30.0
Camp Oliver West	19	58	2017	Sw5Cw3Aw1OH1 (Po Cb)	22.0	29.8	18.0	20.0	4.0	4.0	46.0
Camp Oliver West	19	59	2017	Mh6 Aw1Cw1Bd1Cb1 (Id Ms Be Sw Bf)	12.0	29.2	9.7	10.3	6.0	1.7	27.7
Camp Oliver West	19	61	2017	Pr8Cb1Aw1	22.0	28.6	4.0	8.0	6.0	0.0	18.0
Camp Oliver West	19	63	2017	Bf4Po2Ms1Cb1Aw1Cw1	16.0	25.2	16.0	8.0	6.0	0.0	30.0
Camp Oliver West	19	64	2017	Ms3Cw3Pr1Aw1Cb1OH1 (Mh Id Bd Pw)	18.0	25.5	21.0	10.0	5.0	1.0	37.0
Camp Oliver West	19	65	2017	Cw8By1Ms1	11.3	27.4	14.0	28.0	2.0	0.0	44.0
Camp Oliver West	19	66	2017	He4 Mh2Aw2Ms1Cb1 (By)	15.0	32.6	2.0	18.0	5.0	1.0	26.0
Camp Oliver West	19	49	2017	Or8, Pr1, Aw1	20.0	25.7	12.0	10.0	2.0	0.0	24.0
Camp Oliver West	19	44	2017	Mh6, Aw3, Oh1	14.0	20.4	12.0	4.0	2.0	0.0	18.0
Camp Oliver West	19	41	2017	Mh6, Cb2, Bd2	10.0	20.9	14.0	2.0	2.0	0.0	18.0

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Camp Oliver West	19	42	2017	Pr4Pw2Cb2Aw1Mh1	18.0	32.1	4.0	22.0	10.0	0.0	36.0
Camp Oliver West	19	43	2017	Le4Sw2Pw2Mh1Cb1 (Aw Ea)	24.0	33.5	8.0	16.0	18.7	1.3	44.0
Camp Oliver West	19	40	2017	Mh6Bd1Cb1Or1OH1 (Sw be Aw)	20.0	30.8	10.0	16.7	4.0	2.0	32.7
Camp Oliver West	19	53	2017	Pw4, Aw3, Cb1, Oh2	12.0	22.7	10.0	7.0	1.0	0.0	18.0
Camp Oliver West	19	52	2017	Pr4, Cb2, Aw2, SW1, Ea1	20.0	39.2	2.0	14.0	6.0	4.0	26.0
Camp Oliver West	19	51	2017	Sw3Mh3Aw2Cb1Pr1	20.0	30.4	12.0	20.0	4.0	2.0	38.0
Camp Oliver West	19	50	2017	Sw6Mh2Aw2	20.0	23.9	30.0	6.0	6.0	0.0	42.0
Camp Oliver West	19	48	2017	Pw8CSw1Mh1 (Aw Cb)	23.0	36.0	4.0	15.0	10.0	3.0	32.0
Camp Oliver West	19	47	2017		22.0	28.9	13.3	15.0	6.3	1.0	35.7
Camp Oliver West	19	46	2017	Aw6, Mh2, Cb1, Bd1	20.0	31.5	6.0	6.0	2.0	2.0	16.0
Camp Oliver West	19	45	2017	Sw8Aw2 (Cb)	24.0	33.8	0.0	26.0	8.0	0.0	34.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #20 Dornoch

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number: 394755 Concession 2
Lot: 10, 11, 12, Part 13, and Part 14
Conc: 3 EGR
Area: 202.5 ha (500 acres)

General Description and History:

This large property was purchased over several years from 1946 to 1962 with additional purchase in 2014. The property was reforested in the 1950's and the 1980's with white pine, red pine, white spruce and cedar. It is a varied property with roughly equal area of upland hardwoods and plantations and a smaller area of lowland hardwoods and cedar. A portion of the provincially significant McKechnie Creek wetland complex occurs on this property.

The plantations were pruned up to 5 metres in the 1960's, the 1970's, and the 1980's. There is no record of any thinning occurring until 2012. However, in 2012, the prescription stated that most of the stands had been thinned at least once. The plantations had been thinned prior to 2001. In 2001, Lands and Forests Consulting noted that the plantations were "generally in poor condition". Two of the plantations are largely removed due to disease and insect damage.

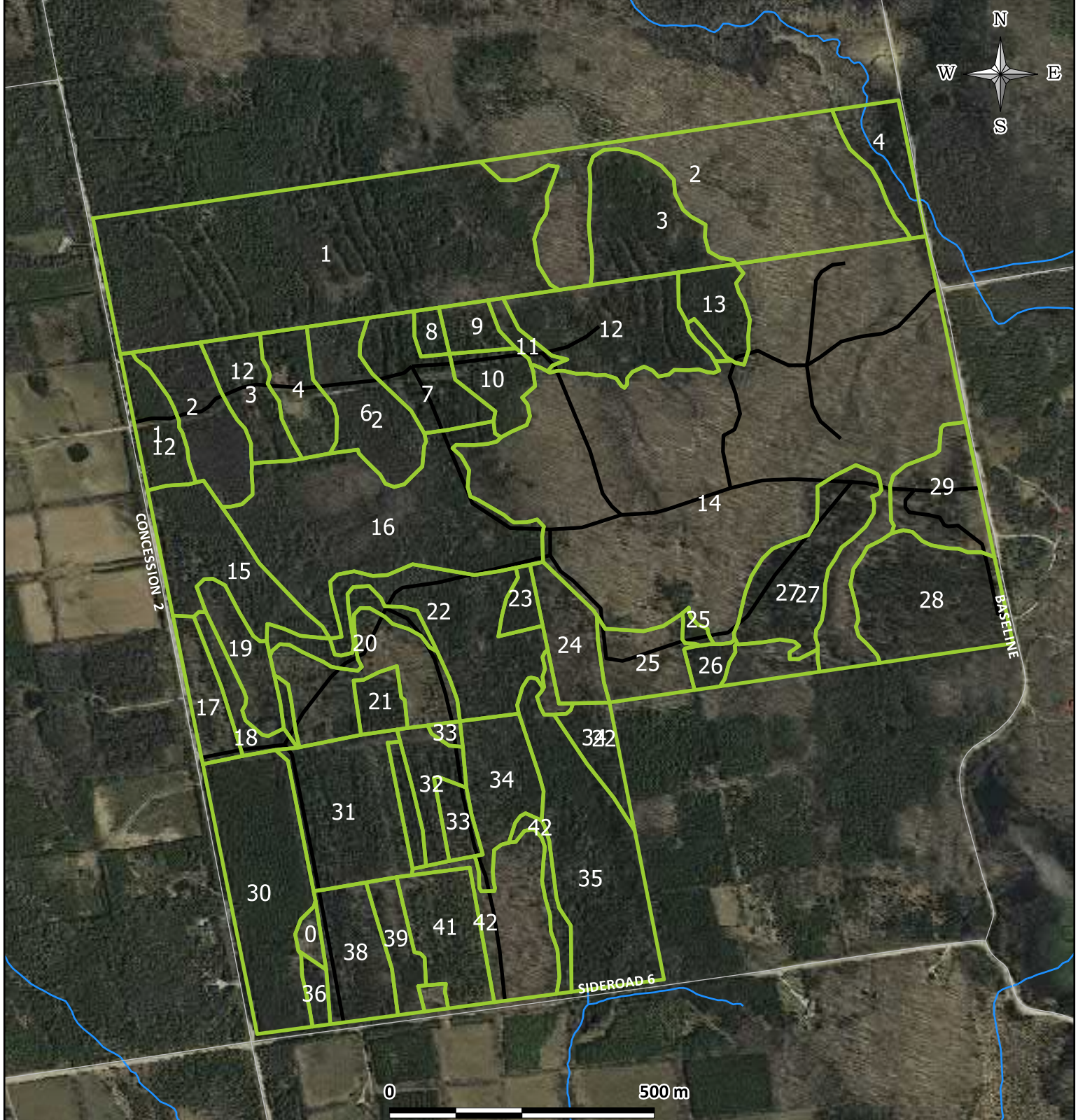
Some of the cedar stands were strip cut in the 1950's, the 1980's, and again in 2014/15. Large amounts of slash remain on the strips and no regeneration has occurred.

There is no record of any treatments on the hardwood stands. They were tendered in 2017 for an improvement cut that is to remove 26,274 FBM and 112 cord of fuelwood. These hardwood stands are immature but should respond well to the treatment

Management plan:

The large cedar, spruce, red pine stand in the southwest corner is not on the schedule but will be included with the remaining stands that are slated for thinning in 2022. All of the plantations will be thinned from below every 10 years until stand conversion can occur.

The hardwoods will be scheduled for harvest in 2033, at which time a decent sawlog harvest should be available.



Grey County Forest Management Plan
Dornoch Tract - # 20
394755 Concession 2
Municipality Of West Grey
Roll # 42052200040820000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-20
Grey County Forest Management Plan
Compartment 20: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Dornoch	20	42	2016	Aw4Mh2ld1Be1Po1Cb1 (He)		29.7	7.0	5.5	4.0	0.5	17.0
Dornoch	20	42	2016	Aw4Mh2ld1Be1Po1Cb1 (He)		29.7	7.0	5.5	4.0	0.5	17.0
Dornoch	20	11	2016	Mh4Aw2Po1Cb1ld1OH1 (By Bn Bd)		28.4	9.2	8.3	2.3	1.2	21.0
Dornoch	20	14	2016	Mh4Aw2Po1Cb1ld1OH1 (By Bn Bd)		28.4	9.2	8.3	2.3	1.2	21.0
Dornoch	20	28	2017	Pr6Pw2Aw1Sw1 (Cb Mh)	24.5	33.6	4.3	13.7	7.7	1.3	27.0
Dornoch	20	29	2017	Sw2Cb2Pw2Aw2Mh1OH1 (Pr Ea)	20.3	33.4	9.3	8.7	11.3	1.3	30.7
Dornoch	20	27	2017	Sw5Cb3Pw1Aw1 (Ea Mh By)	22.0	31.4	8.8	16.0	8.4	1.2	34.4
Dornoch	20	26	2017	Cw10	10.0	20.3	34.0	4.0	0.0	0.0	38.0
Dornoch	20	24	2017	Le5Mh3Cw1Aw1 (Cb)	28.0	31.4	11.0	9.0	14.0	1.0	35.0
Dornoch	20	23	2017	Cw9OH1 (Sw Mh)	12.0	24.8	44.0	30.0	0.0	0.0	74.0
Dornoch	20	25	2017	Cw5Aw2Pj1Mh1OH1 (Cb Ea)	14.3	20.8	27.3	6.0	0.7	0.0	34.0
Dornoch	20	25	2017	Cw5Aw2Pj1Mh1OH1 (Cb Ea)	14.3	20.8	27.3	6.0	0.7	0.0	34.0
Dornoch	20	38	2017	Aw3Sw2Cw2Pw2Po1 (Ea)	20.3	24.5	20.7	14.7	3.3	0.0	38.7
Dornoch	20	39	2017	Pr3Aw3Cw2Mh1Cb1	18.0	22.1	34.0	11.0	2.0	0.0	47.0
Dornoch	20	31	2017	Pw4Cw3OH2Aw1 (Po Mh Ea Ms Cb Pr)	20.6	26.1	19.2	19.6	4.0	0.0	42.8
Dornoch	20	17	2017	Pw6Aw2Cw2	26.0	28.0	11.0	9.0	7.0	0.0	27.0
Dornoch	20	18	2017	Sw6Cw2Aw2 (Pw)	22.0	23.4	22.0	12.0	2.0	0.0	36.0
Dornoch	20	30	2017	Cw9Sw1 (Pr Aw)	12.0	20.2	64.9	18.6	0.3	0.0	83.7
Dornoch	20	20	2017	Pw4Aw2Bd2Cb1Pr1 (Sw Ps Ea Cw Bf)	15.3	22.2	10.7	5.3	0.7	0.3	17.0
Dornoch	20	21	2018	Sw10 (Ea Aw)	18.0	24.2	22.0	22.0	0.0	0.0	44.0
Dornoch	20	22	2017	Cw5Pw2Sw1Aw1Po1 (Ea By Id Cb)	20.0	24.5	30.0	13.3	4.7	1.0	49.0
Dornoch	20	1	2017	Cw9Sw1 (Po Ea)	8.0	17.7	69.0	5.0	0.0	0.0	74.0
Dornoch	20	2	2017	Ms8By1OH1 (Ea Cw Ab)	24.0	33.2	12.0	18.0	16.0	4.0	50.0
Dornoch	20	15	2017	Cw6Sw2Po1Ea1 (Ap)	14.5	20.8	33.5	7.0	1.0	0.5	42.0
Dornoch	20	16	2017	Cw4Aw2Po1Ab1Ms1Mh1 (Bd Ea By Id Cb Bf Be)	16.8	21.7	25.0	10.6	1.4	0.3	37.3
Dornoch	20	19	2017	Po5Ea3Aw1Ab1 (Ms)	19.5	24.7	17.0	18.0	1.0	0.0	36.0
Dornoch	20	3	2017	Cw9OH1 (By Ab)	13.0	24.8	12.0	9.0	1.0	0.0	22.0
Dornoch	20	4	2017	Sw6Cw3Pr1	16.0	29.4	5.0	14.0	2.0	0.0	21.0

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Dornoch	20	6	2017	Ms9OH1 (Aw Ea Cw By)	20.7	25.4	18.0	7.3	3.3	0.0	28.7
Dornoch	20	7	2017	Cw8Pw1OC1 (Sw Pr Po Cb)	16.3	25.4	30.0	21.3	6.0	0.7	58.0
Dornoch	20	8	2017	Cw7Pw3 (Pr)	20.0	27.9	20.0	14.0	14.0	0.0	48.0
Dornoch	20	9	2017	Cw9 Ea1	5.0	17.7	10.0	4.0	0.0	0.0	14.0
Dornoch	20	10	2017	Mh5Cw4Aw1	19.0	22.1	34.0	10.0	0.0	0.0	44.0
Dornoch	20	11	2017	Cw9Aw1 (Mh Ea Cb)	16.0	27.2	40.0	58.0	6.0	2.0	106.0
Dornoch	20	14	2017	Cw9Aw1 (Mh Ea Cb)	16.0	27.2	40.0	58.0	6.0	2.0	106.0
Dornoch	20	12	2017	Cw8Po1OH1 (Ms Aw Mh Ea By)	16.0	26.0	19.5	27.0	2.5	0.0	49.0
Dornoch	20	13	2017	Cw7Pw1Po1Aw1 (Mh Cb)	12.0	21.4	39.0	8.0	6.0	0.0	53.0
Dornoch	20	32	2017	Sw9,Cw1		20.8	26.0	7.0	0.0	0.0	33.0
Dornoch	20	33	2017	Le5,Sw3,Aw2	25.0	28.8	13.0	19.0	6.0	0.0	38.0
Dornoch	20	33	2017	Le5,Sw3,Aw2	25.0	28.8	13.0	19.0	6.0	0.0	38.0
Dornoch	20	34	2017	Pw4,Sw2,Aw1,Cw1,Oh2	23.0	28.5	14.0	16.4	5.2	1.6	37.2
Dornoch	20	34	2017	Pw4,Sw2,Aw1,Cw1,Oh2	23.0	28.5	14.0	16.4	5.2	1.6	37.2
Dornoch	20	35	2017	Cw8,Oh1,Oc1	11.0	22.2	41.3	14.3	5.0	0.3	60.8
Dornoch	20	41	2017	Pw7,Cw2,Aw1	24.0	30.4	13.5	12.0	13.5	0.0	39.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #21

Topcliff South

Municipality:	Municipality of West Grey
Former Township:	Glenelg Township
Civic Number:	303846 Southline
Lot:	19 and 20
Conc:	3 SDR
Area:	40 ha (100 acres)

General Description and History:

This property was purchased in 1947. The property was reforested after purchase, although no records are available to indicate when the work was completed. The planting consists of mixed white pine, red pine, and white spruce. A small upland hardwood stand occurs in the south end of the property.

There is a good access trail that separates the property from north to south. This property was historically managed as two compartments of plantations divided by the trail.

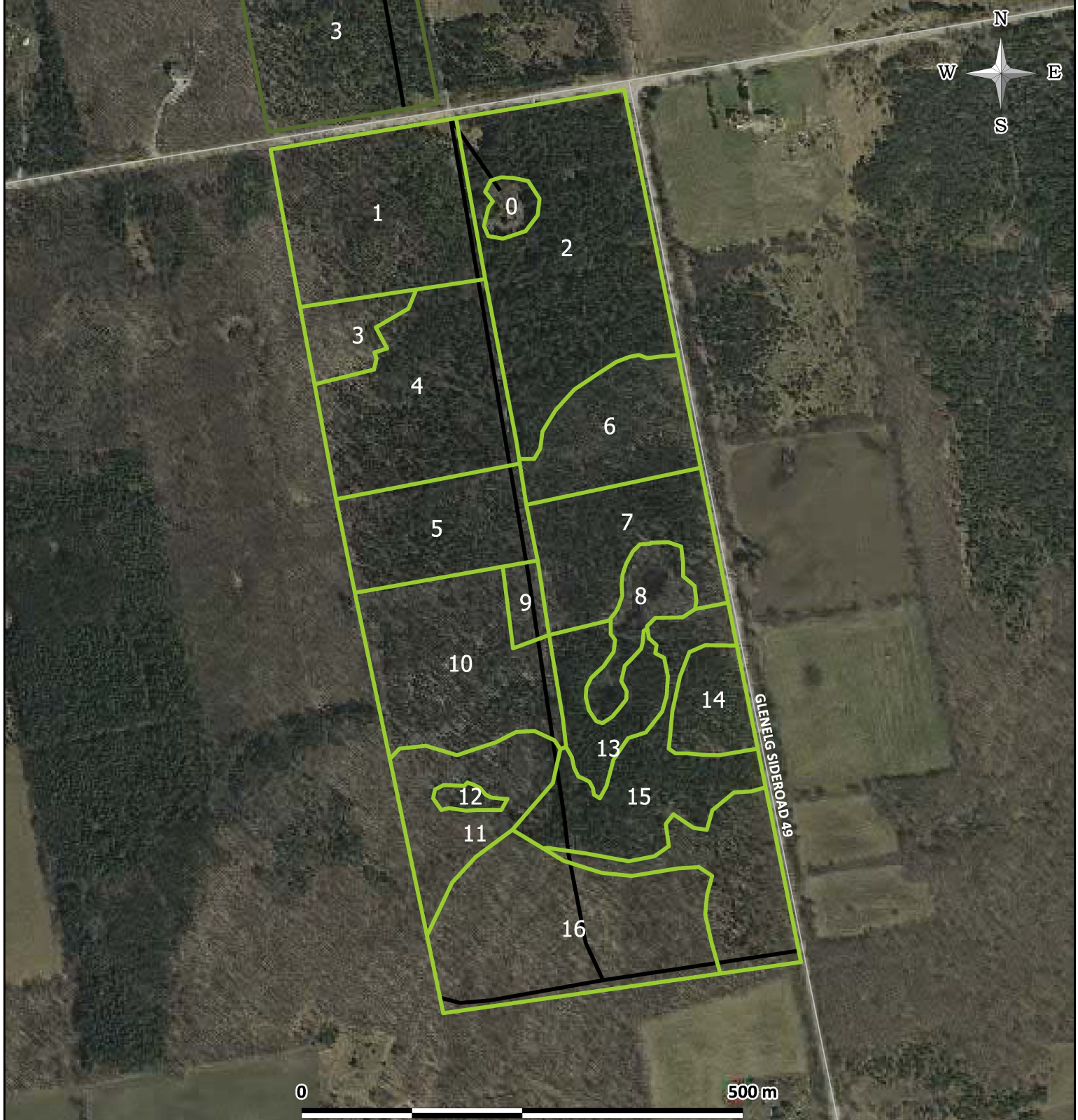
The plantations were pruned up to five metres in the 1980's. The plantations were thinned in the 1990's. The west half was thinned again in 2009, and the east half was thinned in 2006 and 2016. The 2009 thinning produced 230 full cord from 1,780 trees. The 2006 thinning produced 32,298 fbm and 113 cord of pulp from 989 trees. No volume records are available for the 2016 thinning.

The hardwoods were thinned in the 1980's with low sawlog volume coming out. In 2014, the hardwoods were harvested again and produced 11,319 fbm and 15 cord of fuelwood from 161 trees.

Management plan:

Most of the plantations have reached stand conversion or will reach this point with the next thinning. The west half is scheduled for thinning in 2019, and potentially in 2029 if necessary. The east half will be thinned in 2026 although at least one stand will be removed from that harvest as stand 15 has reached conversion.

The hardwoods are scheduled for harvest in 2029. In 2029, the east half of the property will be assessed for improvement cuts in the now converted plantation.



Grey County Forest Management Plan
Topcliff South Tract - # 21
303830 South Line
Municipality Of West Grey
Roll # 42052200021230000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-21
 Grey County Forest Management Plan
 Compartment 21: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Topcliff South	21	7	2017	Sw4Pw3Pr3	18.0	37.1	0.0	8.0	7.0	0.0	15.0
Topcliff South	21	8	2017	Mh7Po3	14.0	26.0	16.0	2.0	6.0	0.0	24.0
Topcliff South	21	11	2017	Mh7Be1Bd1OH1 (Id Ea)	21.3	34.0	6.0	10.7	11.3	0.7	28.7
Topcliff South	21	12	2017	Sw3Pw3Cb2Mh2 (Aw)	18.0	33.3	8.0	6.0	8.0	2.0	24.0
Topcliff South	21	13	2017	Sw7Pw2OH1 (Ea Mh Cb)	18.0	30.0	8.0	13.3	6.0	0.0	27.3
Topcliff South	21	14	2017	Pw7Mh1Ea1Cb1	18.0	28.0	4.0	16.0	0.0	0.0	20.0
Topcliff South	21	15	2017	Pw5Cb2Po1Mh1OC1 (Sw Pr)	24.0	34.1	3.3	8.7	7.3	0.7	20.0
Topcliff South	21	16	2017	Mh9OH1 (Bd Id Be)	23.0	36.2	2.5	10.0	7.0	1.0	20.5
Topcliff South	21	1	2017	Pw6Aw2Cb1Pr1 (Ea Mh)	17.5	31.2	5.5	15.5	6.5	1.0	28.5
Topcliff South	21	3	2017	Aw4Mh3Ea3	18.0	30.9	4.0	6.0	4.0	0.0	14.0
Topcliff South	21	4	2017	Sw9Cb1 (Pr Ea)	22.0	35.4	1.3	14.7	10.0	0.7	26.7
Topcliff South	21	5	2017	Sw5Pr3Cb1OH1 (Or Ms)	22.5	29.7	6.0	14.0	3.0	1.0	24.0
Topcliff South	21	9	2017	Aw5Le4Mh1	22.0	27.1	10.0	20.0	2.0	0.0	32.0
Topcliff South	21	10	2017	Aw5Sw4Pr1 (Or Mh Ea)	20.3	29.0	8.0	24.0	3.3	0.0	35.3
Topcliff South	21	2	2017	Pw6Sw2Cb1OH1 (Ea Mh Le)	23.7	38.2	2.0	8.0	9.0	4.0	23.0
Topcliff South	21	6	2017	Pw4Pr2Cb2Ea1Mh1 (Le Aw)	17.0	25.2	9.0	10.0	0.0	0.0	19.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #22

Rocky Saugeen West

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number: 443333
Lot: 27
Conc: 3
Area: 40 ha (100 acres)

General Description and History:

This property was purchased in 1952. In the 1950's, 6.1 hectares was reforested with white pine and white spruce. The rest of the property is predominantly immature upland hardwoods with a small stand of lowland hardwoods on the east side. The property forms part of the provincially significant Rocky Saugeen Life Sciences Area of Natural and Scientific Interest.

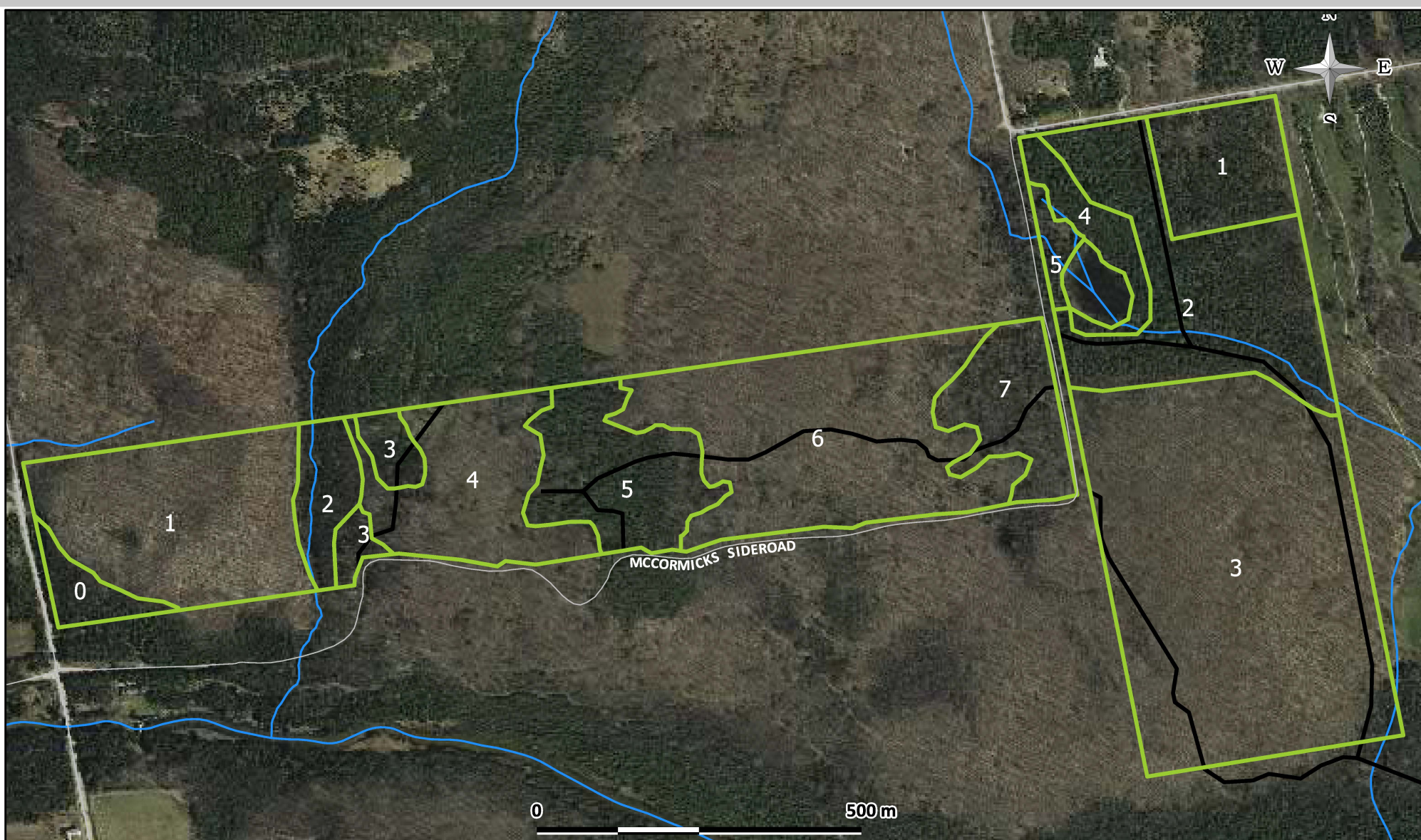
The plantations were pruned up to four metres in the 1960's. Thinning occurred prior to 2006, however no records are available. In 2006, 334 trees were removed to produce 51 cord. In 2015, 481 trees were removed to produce 183 cord.

In 2005, the hardwood stands were given an improvement cut and yielded 36,684 fbm and 318 cord of fuelwood from 2,368 trees.

Management plan:

The plantations will be thinned from below in 2025 and every 10 years thereafter until stand conversion occurs.

The hardwoods are slated for harvest in 2020. Single tree selection and or group selection will be utilized to improve the quality of the stands and to move the stands towards the ideal basal area size class distribution. A minimum of 20 m² will be maintained in that harvest. Ash will be targeted for removal in advance of the arrival of emerald ash borer. Estimated volumes from the marking are 14246 fbm and 210 cord of fuelwood.



Grey County Forest Management Plan
 Rocky Saugeen West Tract - # 22 & 23
 443333 McCormicks Sideroad &
 443474 Concession 8
 Municipality Of West Grey

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

Table A1-22
Grey County Forest Management Plan
Compartment 22: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Rocky Saugeen West	22	1	2017	Mh7, Aw2, Oh1	21.5	27.5	12.2	19.6	3.3	0.0	35.1
Rocky Saugeen West	22	2	2017	Cw3, He2, Aw1, Mh1, Oh3	17.0	28.0	22.0	16.7	8.0	2.7	49.3
Rocky Saugeen West	22	3	2017		22.0	29.5	21.0	12.0	9.0	5.0	47.0
Rocky Saugeen West	22	3	2017		22.0	29.5	21.0	12.0	9.0	5.0	47.0
Rocky Saugeen West	22	4	2017	Mh5, Aw2, Pw1, Cb1, Oh1	18.0	23.2	18.8	8.0	1.6	0.4	28.8
Rocky Saugeen West	22	5	2017		23.0	34.5	7.2	8.8	13.2	2.8	32.0
Rocky Saugeen West	22	6	2017		24.0	28.1	12.2	15.5	4.3	0.5	32.5
Rocky Saugeen West	22	7	2017	Aw3, Mh2, Po1, Id1, Oh1	20.0	28.5	13.5	11.0	6.5	1.5	32.5

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #23

Rocky Saugeen East

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number: 443452 McCormick's Sideroad
Lot: 1
Conc: 5
Area: 40 ha (100 acres)

General Description and History:

This property was purchased in 1946 and planted in the 1950's with white pine, red pine, and White spruce. The property consists of approximately 60 percent upland hardwoods, 30 percent plantation, and 10 percent lowland cedar. The property forms part of the provincially significant Rocky Saugeen Life Sciences Area of Natural and Scientific Interest.

The plantations were pruned up to five metres in the 1970's and 1980's. There is no record of any thinning occurring until 2005.

In 2005, when 1,110 trees were removed to produce 178 cord.

In 2008, when 582 trees were removed to produce 123 cord. These stands are generally in very good condition although an area of dieback is occurring in the white/red pine stand. This is presumed to be due to root rot.

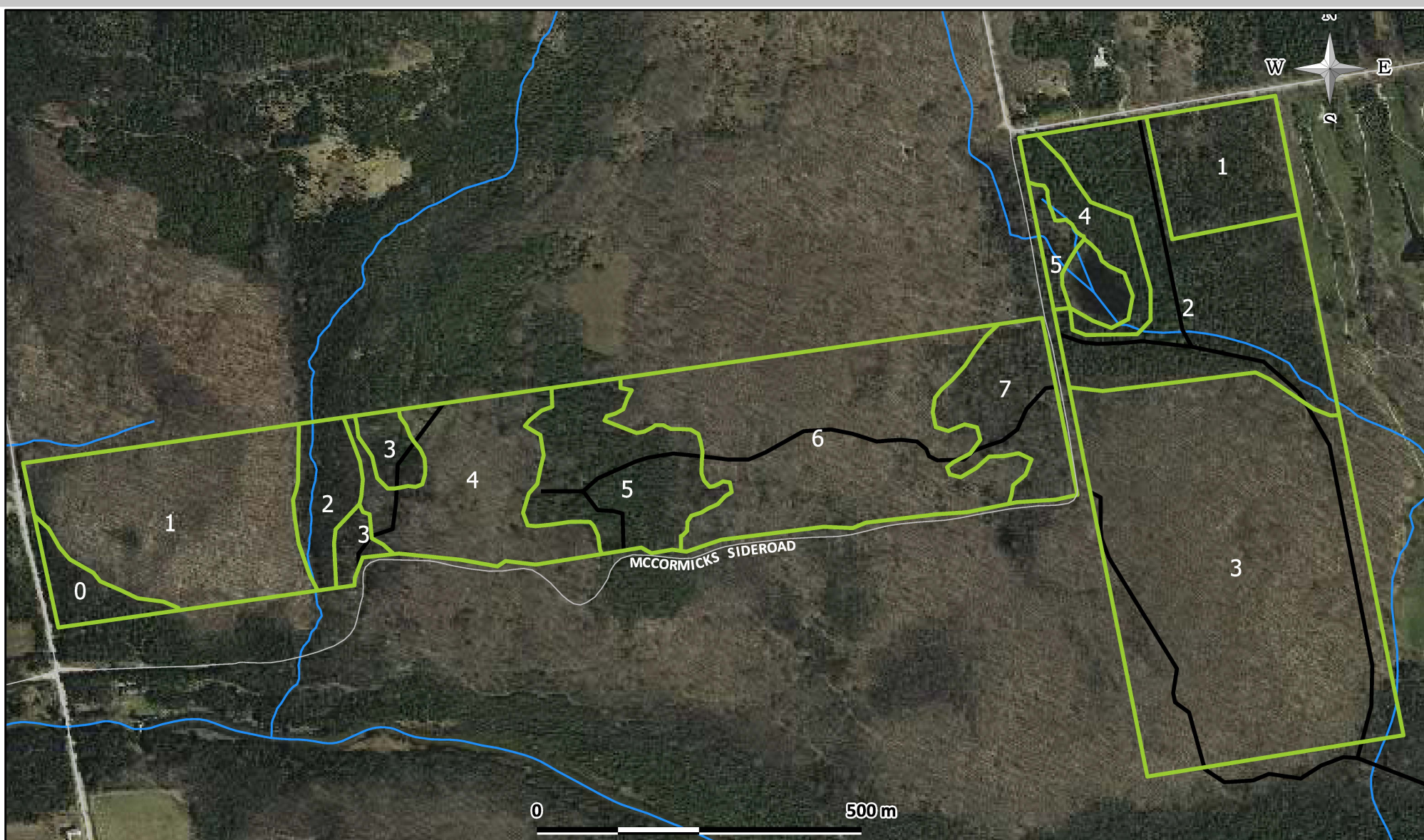
In 2018, the plantations were thinned again removing 616 stems to produce 184 cord. This tender sold for \$8,000.

There is no record of any treatment in the hardwoods prior to 2005. In 2005, 1,680 trees were harvested to produce 43,999 fbm and 224 cord of fuelwood. Currently the hardwood stand is overstocked in the pole and small sawlog size classes with very few medium and large sawlogs.

Management plan:

Stand 1 is developing a nice white pine understory so the 2018 thinning was more like a shelterwood harvest. Hardwood competition was removed post-harvest in an effort to maintain this stand as a white pine stand.

The hardwoods are slated for an improvement harvest in the poles and small sawlogs classes, as well as a reduction in the ash component, in 2020. The marking estimates that 23,035 fbm and 133.5 cord of fuelwood will be removed.



Grey County Forest Management Plan
Rocky Saugeen East Tract - # 22 & 23
443333 McCormicks Sideroad &
443474 Concession 8
Municipality Of West Grey

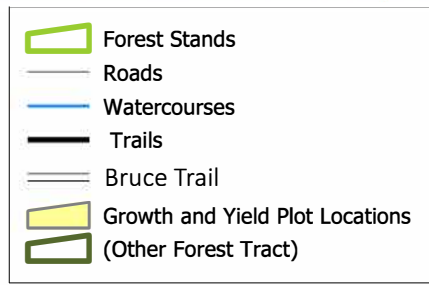


Table A1-23
Grey County Forest Management Plan
Compartment 23: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Rocky Saugeen East	23	1	2017	Pr5 Pw5 (Mh Aw)	25.0	34.8	2.0	13.0	10.0	1.0	26.0
Rocky Saugeen East	23	2	2017	Pw10 (Sw)	25.0	39.4	1.0	9.0	9.0	3.0	22.0
Rocky Saugeen East	23	3	2017	Aw5, Mh3, Bd1, Oh1	20.0	22.1	23.7	8.0	1.0	0.0	32.7
Rocky Saugeen East	23	4	2017	Cw10	7.0	17.0	96.0	2.0	0.0	0.0	98.0
Rocky Saugeen East	23	5	2017	Cw5,He4,By1	18.0	35.3	2.0	24.0	10.0	0.0	36.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #24 Glenelg Klondyke

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number: 444512 Concession Road 8
Lot: 24 and 25
Conc: 8
Area: 161 ha (397 acres)

General Description and History:

This property was purchased in 1938 and reforested in the 1930's and 1950's with white, red, Scots and jack pine, white spruce, and red oak. The species composition on the property is predominantly upland hardwood. There is a good network of access roads and trails that are used for a wide variety of recreation activities. This is part of the provincially significant Traveston Creek Forest Life Science Area of Natural and Scientific Interest, known for its high biodiversity values.

Four wheelers and trucks did significant damage to the trails in the late 2000's. In 2014, gates were installed which has greatly restricted the access of these vehicles.

Also, in 2014, recreational trail maps and benches were installed for people to use when visiting the property.

The white and red pine plantations were pruned up to 12 feet during the 1960's. The plantations were thinned in the 1960's, the 1980's, in 2007, and in 2018.

The hardwoods were harvested in the 1950's, the 1960's, the 1980's and the 1990's. Unfortunately, specific stand details are not available. Low volumes of sawlogs were taken out in the 1980's and 1990's.

Starting in 2006, the western hardwoods were harvested resulting in the removal of 398,000 fbm along with 438 cord of firewood over 193 acres.

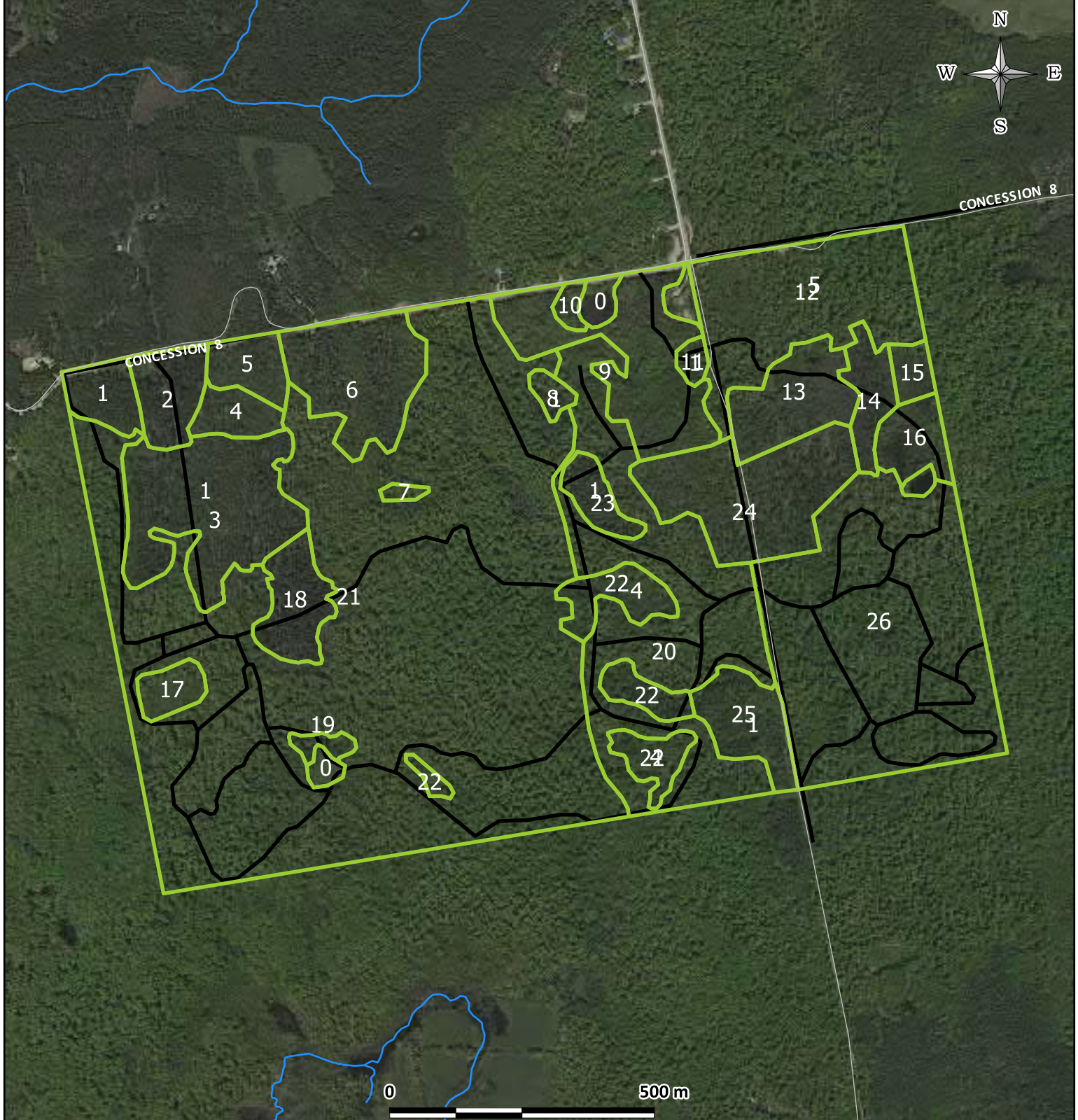
In 2014, the eastern hardwood stands were harvested and produced 98,000 fbm and 133 cord of fuelwood over 70 acres.

Management plan:

The plantations will generally require one or two more thinning operations before being incorporated into the rest of the property and managed with the hardwoods.

The hardwoods in the western section are scheduled for harvest in 2021. The hardwoods in the eastern section are scheduled for harvest in 2029.

A small red oak plantation has never been thinned and is anticipated to be incorporated into the 2021 harvest.



Grey County Forest Management Plan
 Glenleg Klondyke Tract - # 24
 Concession 8 & Hamilton Lane
 Municipality of West Grey
 Roll # 42052200030210000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-24
 Grey County Forest Management Plan
 Compartment 24: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Glenleg Klondyke	24	26	2014	Mh 9 OH1	24.0	34.0	4.0	10.4	4.4	2.0	20.8
Glenleg Klondyke	24	24									
Glenleg Klondyke	24	21	2018		25.0	32.5	6.0	20.0	4.0	0.0	30.0
Glenleg Klondyke	24	26	2018		24.0	33.9					
Glenleg Klondyke	24	24	2018			30.2					
Glenleg Klondyke	24	9	2018		18.0	27.4					
Glenleg Klondyke	24	10	2018		18.0	30.0					
Glenleg Klondyke	24	8	2018		20.0	31.1					
Glenleg Klondyke	24	11	2018		18.0	29.2					
Glenleg Klondyke	24	20	2018		17.0	28.3					
Glenleg Klondyke	24	23	2018		22.0	30.1					
Glenleg Klondyke	24	25	2018		21.0	25.4					
Glenleg Klondyke	24	22	2018		24.0	31.1					
Glenleg Klondyke	24	22	2018		24.0	31.1					
Glenleg Klondyke	24	22	2018		24.0	31.1					
Glenleg Klondyke	24	22	2018		24.0	31.1					
Glenleg Klondyke	24	1	2018		22.0	26.8					
Glenleg Klondyke	24	2	2018		21.0	32.0					
Glenleg Klondyke	24	4	2018		22.0	24.1					
Glenleg Klondyke	24	5	2018		18.0	28.6					
Glenleg Klondyke	24	6	2018		23.0	29.6					
Glenleg Klondyke	24	7	2018		21.0	28.9					
Glenleg Klondyke	24	17	2018	Or10	20.0	30.9					
Glenleg Klondyke	24	18	2018		18.0	31.0					
Glenleg Klondyke	24	3	2018		22.0	26.5					
Glenleg Klondyke	24	19	2018		26.0	33.1					

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #25

Hamilton Creek

Municipality: Township of Chatsworth
Former Township: Holland Township
Civic Number: 776415 Highway 10
Lot: 51
Conc: 1
Area: 20 ha (49.4 acres)

General Description and History:

This property was purchased in 1955 and had a small planting of white pine and white spruce in the late 1950's. It is a diverse property consisting of approximately one-third upland hardwoods, one-third wetlands and one-third softwoods (cedar, pine spruce and hemlock). A portion of the provincially significant Robson Lakes – Hamilton Creek – Lily Oak wetland complex occurs on this property.

In the 1950's the hardwoods were harvested with low sawlog volumes coming out. No other records are available until 2007.

In 2007, cedar strip cuts removed 30 cord of material and 18 white pines produced five cord.

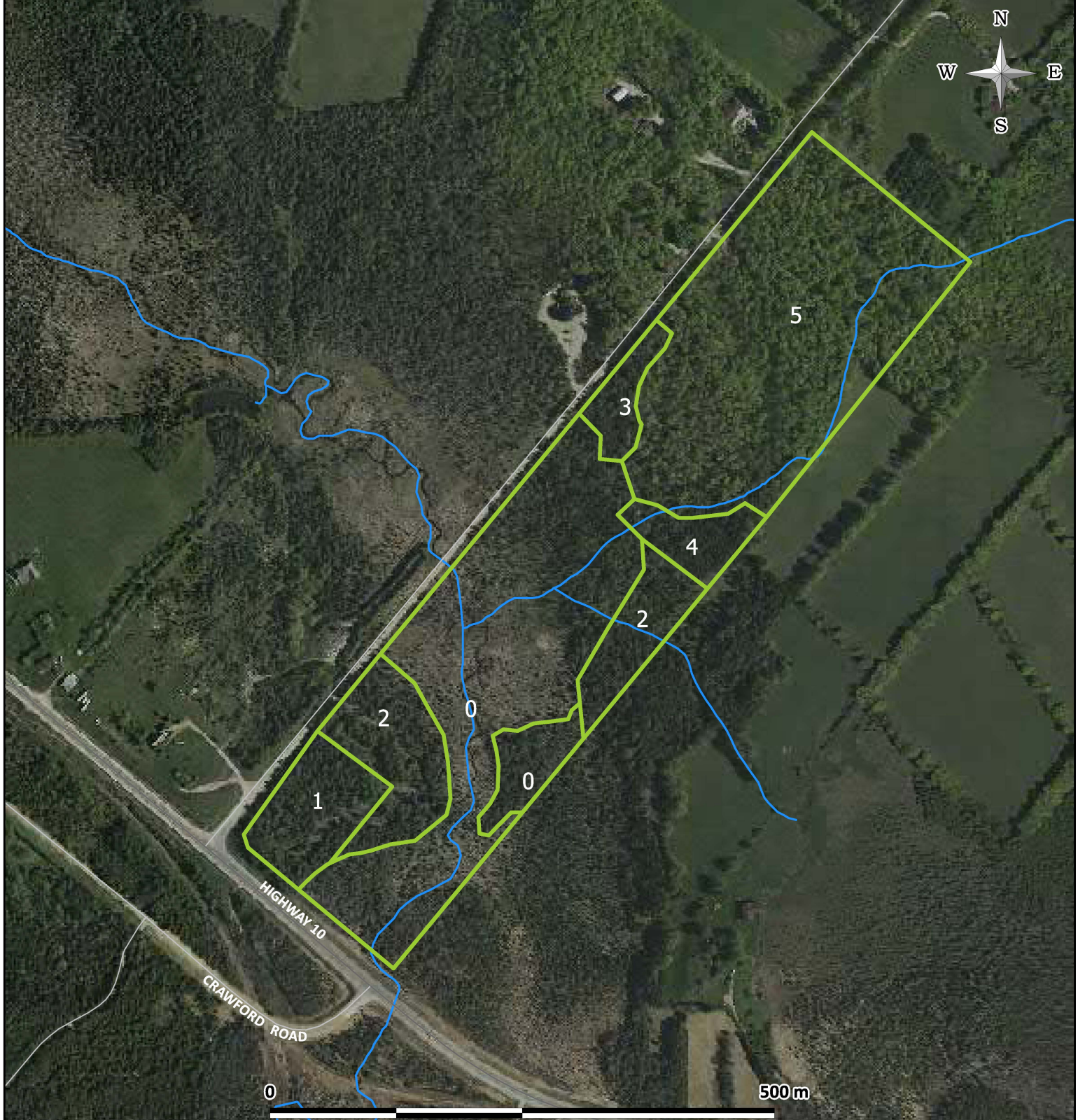
In 2014, the hardwoods were harvested and produced 6,800 fbm and 39 cord of fuelwood on 6.7 ha (16.6 acres).

Management plan:

The western plantation only contains a few stems of large white pine and will not benefit from further management as a plantation. This plantation will be incorporated into the hardwood harvest on the next entry.

The cedar strip cuts will be monitored for regeneration and further strip cuts will be conducted once the regeneration is well established.

The hardwoods are scheduled for harvest in 2029.



Grey County Forest Management Plan
Hamilton Creek Tract - # 25
776415 Highway 10
Township of Chatsworth
Roll # 42043600031620000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-25
Grey County Forest Management Plan
Compartment 25: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Hamilton Creek	25	1	2018	Cw9Cb1 (Pw)		24.2	30.0	8.0	6.0	2.0	46.0
Hamilton Creek	25	2	2018	Cw6He2Ms1Bd1 (Bf By Aw Ea Po Id Mh)	17.6	27.2	17.3	16.7	4.0	2.0	40.0
Hamilton Creek	25	2	2018	Cw6He2Ms1Bd1 (Bf By Aw Ea Po Id Mh)	17.6	27.2	17.3	16.7	4.0	2.0	40.0
Hamilton Creek	25	3	2018	He7Aw3	21.0	29.3	14.0	16.0	8.0	0.0	38.0
Hamilton Creek	25	4	2018	Sw5Cw5 (Aw)	7.0	18.5	34.0	4.0	0.0	0.0	38.0
Hamilton Creek	25	5	2018	Mh8Aw1OH1 (Be By Po Id Bd)		26.3	8.3	11.1	1.1	0.0	20.6

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #26

Holland Centre

Municipality: Township of Chatsworth
Former Township: Holland Township
Civic Number: 683382 East Back Line
Lot: 31, 32, 33, 34, 35 / 31
Conc: 2 ETSR / 3 ETSR
Area: 117 ha (290 acres)

General Description and History:

This property was purchased in 1943 and 1944. In the late 1940's the property was reforested with scotch pine, red pine, white pine, white spruce and bur oak, although inventories show red oak in the plantations. Records indicate that in the 1980's, 2.5 hectares were planted with white pine, Norway spruce, European larch and white ash. Recent inventories do not identify any European larch on the property.

The plantations were pruned up to 17 feet in the 1960's. Thinning operations occurred in the 1980's, the 1990's, in 2008, and in 2016.

The hardwood stands were harvested in the 1960's and the 1990's. Stand 14A received a salvage cut in the late 1990's due to tornado damage.

In 2011, stands 1, 9,10,16 and 17 produced 32,000 fbm from 62 acre. Estimated volumes for this harvest only anticipated 21,000 fbm

Property Condition:

An area at the west was severely damaged by tornado and is now regenerating into a mixed hardwood stand with numerous butternut saplings. Butternut is listed as an endangered species under the Endangered Species Act due to decline associated with butternut canker.

Management plan:

The plantations will have one final thinning in 2026 and then be incorporated into the hardwood harvest schedule.

The hardwoods will continue a 15-year cycle of entries. The next scheduled entry is in 2026.



Grey County Forest Management Plan
Holland Centre Tract - # 26
East Back Line
Township of Chatsworth
Roll # 42043600051800000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-26
Grey County Forest Management Plan
Compartment 26: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Holland Centre	26	1	2018	Mh5, Cb2, Ms1, Oh2	16.0	27.2	12.0	8.0	4.4	0.8	25.2
Holland Centre	26	1	2018	Mh5, Cb2, Ms1, Oh2	16.0	27.2	12.0	8.0	4.4	0.8	25.2
Holland Centre	26	2	2018	Cw3, Bw3, Mh3, Cb1	18.0	26.6	14.0	14.0	2.0	2.0	32.0
Holland Centre	26	3	2018	Pr5, Cw2, Sw1, Ea1, Pw1	24.0	28.7	7.0	11.0	2.0	0.0	20.0
Holland Centre	26	0	2018		12.0	26.6	26.0	14.0	2.0	4.0	46.0
Holland Centre	26	4	2018	Pr9, Mh1	24.0	29.7	2.0	22.0	0.0	0.0	24.0
Holland Centre	26	5	2018	Pr6, Sw1, Cb1, Pw1, Ob1	24.0	25.9	8.0	18.0	4.0	0.0	30.0
Holland Centre	26	19	2018	Pr4Or2Cb1Mh1Oh2	22.0	29.6	7.0	13.0	4.5	0.8	25.3
Holland Centre	26	18	2018	Cw5By1Ms1Oh2Oc1	12.6	26.8	20.4	14.0	4.2	1.5	40.0
Holland Centre	26	17	2018	Mh9Oh1	23.0	32.3	5.3	12.0	7.0	1.0	25.3
Holland Centre	26	14	2018	Mh2Cb2Aw1Sw1Bf1Oc2Oh1	6.0	17.5	8.9	0.8	0.4	0.4	10.5
Holland Centre	26	10	2018	Mh7,Cb1,Oh1,Oc1	20.0	30.6	6.5	8.9	5.2	0.8	21.4
Holland Centre	26	10	2018	Mh7,Cb1,Oh1,Oc1	20.0	30.6	6.5	8.9	5.2	0.8	21.4
Holland Centre	26	10	2018	Mh7,Cb1,Oh1,Oc1	20.0	30.6	6.5	8.9	5.2	0.8	21.4
Holland Centre	26	10	2018	Mh7,Cb1,Oh1,Oc1	20.0	30.6	6.5	8.9	5.2	0.8	21.4
Holland Centre	26	7	2018	Cw4,Ms2,By1,Bf1,Ab1,Mh1	16.0	22.1	22.8	9.2	1.4	0.3	33.7
Holland Centre	26	7	2018	Cw4,Ms2,By1,Bf1,Ab1,Mh1	16.0	22.1	22.8	9.2	1.4	0.3	33.7
Holland Centre	26	7	2018	Cw4,Ms2,By1,Bf1,Ab1,Mh1	16.0	22.1	22.8	9.2	1.4	0.3	33.7
Holland Centre	26	8	2018	Ob4,Pw4,Oh2	8.0	15.5	17.3	2.0	0.0	0.0	19.3
Holland Centre	26	9	2018	Mh9Oh1	24.0	39.3	2.0	10.0	16.0	2.0	30.0
Holland Centre	26	11	2018	Mh7Cw1Bf1Aw1	15.0	24.1	12.0	7.0	1.0	0.0	20.0
Holland Centre	26	12	2018	Pr8Mh2	24.0	24.6	14.0	26.0	0.0	0.0	40.0
Holland Centre	26	13	2018	Pr4Mh3Cb3	22.0	31.9	6.0	14.0	8.0	0.0	28.0
Holland Centre	26	13	2018	Pr4Mh3Cb3	22.0	31.9	6.0	14.0	8.0	0.0	28.0
Holland Centre	26	15	2018	Sw9Oh1	16.0	22.5	34.0	18.0	0.0	0.0	52.0
Holland Centre	26	16	2018	Mh4Pr3Cw1Oh2	19.0	26.6	12.0	13.6	2.4	0.0	28.0
Holland Centre	26	6	2018	Sw3,Ps2,Mh2,Bf1,Pr1,Oh1	18.0	23.5	12.0	6.4	2.8	0.0	21.2

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #27 Berkeley

Municipality: Township of Chatsworth
Former Township: Holland Township
Civic Number: 736125 West Back Line
Lot: 63, 64, and 65
Conc: 2 SWTSR
Area: 60 ha (148.3 acres)

General Description and History:

This property was purchased in 1953 and planted in the 1950's with Scotch pine, red, white pine, cedar and white spruce. There is very little hardwood on the property, except for a small stand at the eastern boundary. A portion of the Bells Lake provincially significant wetland occurs over a large portion of this property.

Records show that the Scotch pine were clear-cut in the late 1990's due to a pine false webworm infestation. This area was replanted in 2008 with 1,500 Norway spruce and 500 European larch. The red and white pine plantations were thinned in 2008 for the first time. The neighbouring property to the south was utilized to access the red pine stand at the eastern edge of the property. After the harvest, the neighbour expressed concerns about the operation and have denied further access. Another thinning of the northwest corner stands was tendered in 2017 and completed in 2018.

In 2011, cedar strip cuts were conducted in stands 4 and 5.

Forest Health:

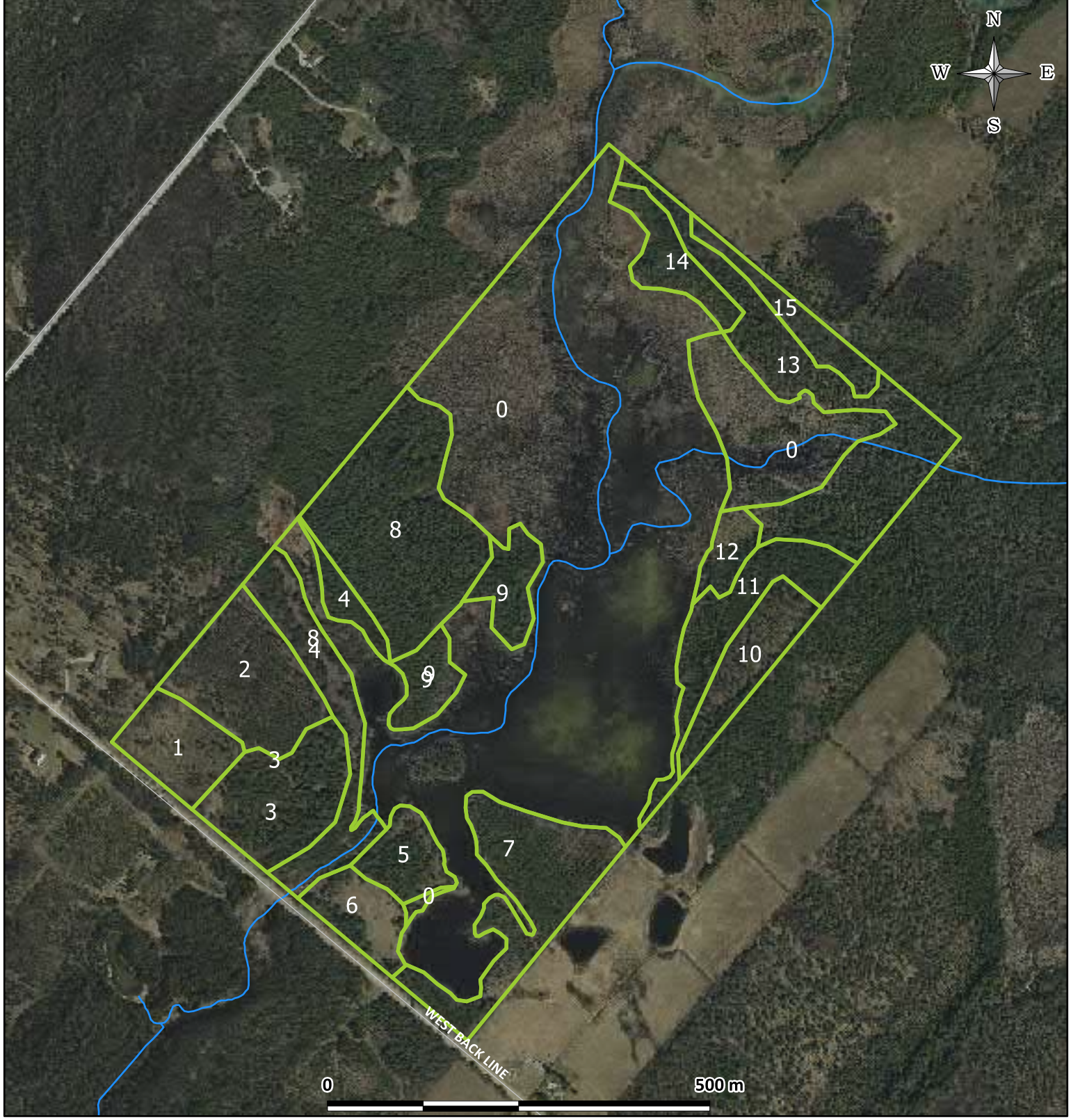
The red pine is in decline and the white pine was severely defoliated by the pine false webworm and is still struggling.

Property Condition:

Much of the property is wetlands as a result of beaver activity causing flooding.

Management plan:

Due to access issues, future management will only occur in the plantations located west of the wetlands. These will be managed within the intention of transitioning to a hardwood stand. The next scheduled entry is for 2028.



Grey County Forest Management Plan
Berkeley Tract - # 27
736121 West back line
Township Of Chatsworth
Roll # 42043600030840000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-27
Grey County Forest Management Plan
Compartment 27: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Berkeley	27	2	2017	Pr9 Pw1	24.0	24.7	15.0	12.0	0.0	0.0	27.0
Berkeley	27	3	2017	Pw6 Sw4	22.0	25.5	14.0	16.0	0.0	0.0	30.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #28

Robson Lakes

Municipality: Township of Chatsworth
Former Township: Holland Township
Civic Number: 837056 Taylor Drive
Lot: 27 and 28
Conc: 4 NETSR
Area: 40 ha (98.8 acres)

General Description and History:

This property was purchased in 1952 and a small planting of white pine and European larch was completed soon afterwards. The remainder of the property consists of upland tolerant hardwood of good form and age structure.

The plantation was thinned in the late 1990's and is progressing nicely towards a mixed stand dominated by the larch and white pine.

The hardwoods were harvested in the 1980's.

In 1997, 3,680 trees were harvested to produce 231,000 fbm and 394 cord of fuelwood.

In 2012, the stand was harvested and produced 106,000 fbm and 183 cord from 1,578 trees.

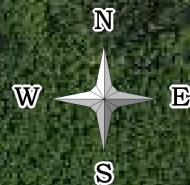
Forest Health:

This forest is in very good condition and has an abundance of butternut trees scattered throughout. Butternut is listed as an endangered species under the Endangered Species Act due to decline associated with butternut canker.

Management plan:

The plantation will be managed with the hardwoods as heavily thinning in the past has produced a mixed stand.

The entire property is scheduled for management activities in 2027.



Grey County Forest Management Plan
Robson Lakes Tract - # 28
837070 TAYLOR DR
Township Of Chatsworth
Roll # 42043600052160000000



- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-28
Grey County Forest Management Plan
Compartment 28: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Robson Lakes	28	1	2016	Mh9 Be1 (Bu Aw Id Cb Ms Po)		35.0	4.6	5.8	5.8	2.8	19.1
Robson Lakes	28	2	2016	Pw3 Le3 Aw2 Cb2 (Mh Ea)		35.5	5.0	16.0	6.0	3.0	30.0
Robson Lakes	28	3	2016	Mh3 Aw2 Bd2 By2 Be1		27.2	16.0	2.0	6.0	2.0	26.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #29 Lily Oak

Municipality: Township of Chatsworth
Former Township: Holland Township
Civic Number: 596967 Concession 10
Lot: 13, 14, and 15
Conc: 11
Area: 202 ha (499.1 acres)

General Description and History:

This property was purchased in 1954 and planted with Scotch pine, red pine, white pine, white spruce and European larch in a combination of pure stands and mixed stands. The white pines and red pines were pruned up to 17 feet in the 1960's. Thinning began in the late 1990's. It was noted by Lands and Forests Consulting that the thinning regime was variable up to 2001.

In 2011, a second thinning was completed on the plantations and removed 1,531 cord on 188 acres.

The Scotch pine plantation in the southwest corner was clear cut in the late 1990's as a result of tornado damage. No regeneration has occurred in this area.

Improvement cuts were completed on the hardwood in the 1970's and 1980's. A salvage cut was required in the late 1990's as a result of the tornado damage.

In 2012, the northern hardwood stands were harvested and produced 33,000 fbm and 81 cord from 653 trees on 84 acres.

In 2017, the southern hardwood stands were harvested and produced 108,000 fbm and 321 cord of fuelwood from 2,311 trees.

Lily Oak is part of the provincially significant Robson Lakes – Hamilton Creek – Lily Oak wetland complex. Additionally, the property is almost entirely within the provincially significant Lily Oak Life Science Area of Natural and Scientific Interest, which is noted for its high biodiversity. The property is at the headwaters of Hamilton Creek. A strong, permanently flowing, cold-water spring occurs in the northeast corner of the property.

Trails, maps and benches were established in 2012 over the entire property and these features receive moderate recreational use.

Forest Health:

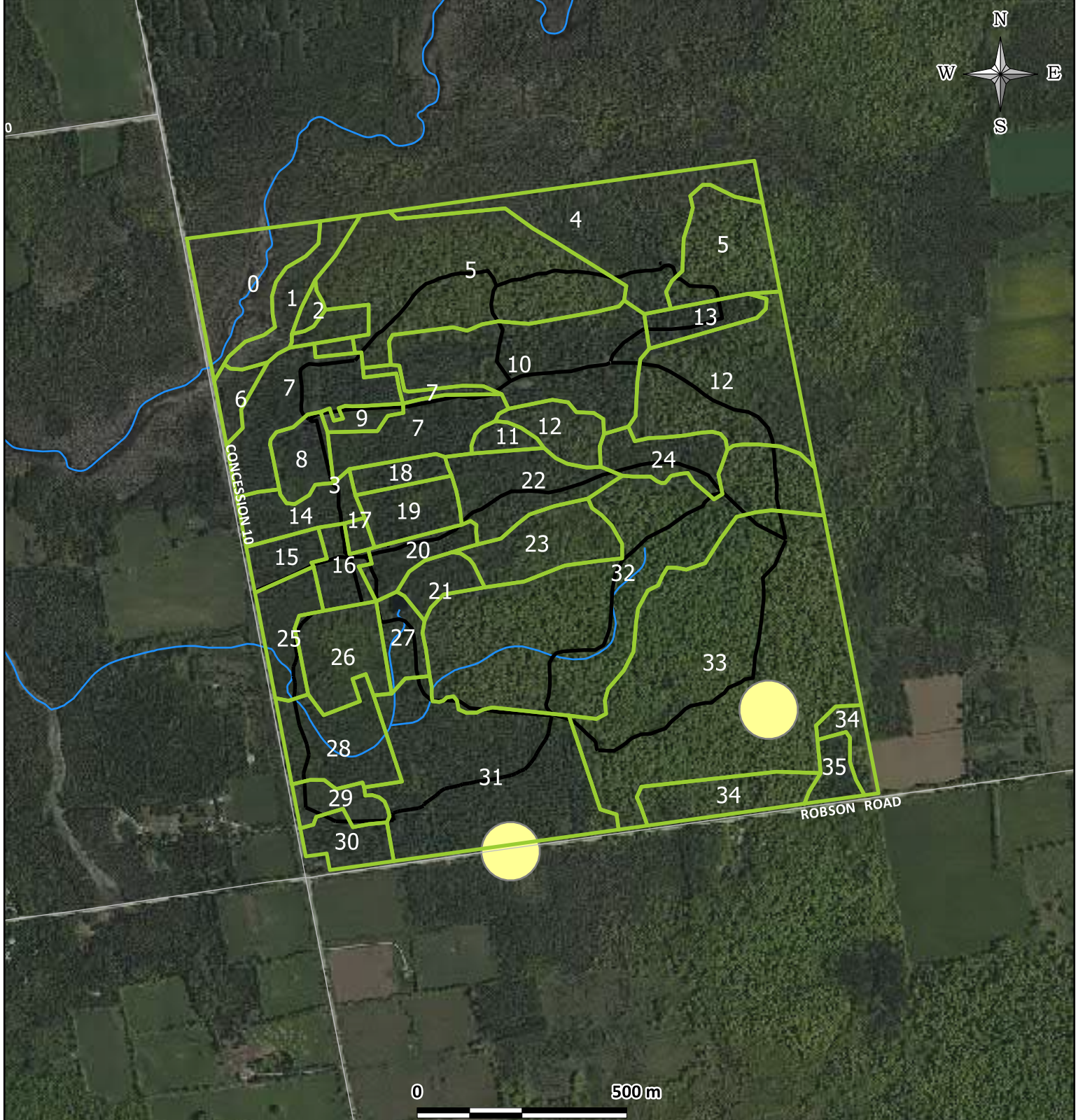
This property has a severe buckthorn problem which is notably more severe in the plantations.

Management plan:

The plantations are scheduled for thinning in 2020 when an estimated 2,442.1 cubic metres (1,001 cord) from 5,207 stems. The buckthorn issue needs to be addressed. It may be beneficial to coordinate this with the thinning to minimize site disturbance.

The hardwoods will continue a 15-year harvest cycle. The next entry in the northern section is scheduled for 2027. The next entry in the southern section is scheduled for 2032.

Upon final removal in the plantations, the property will be reorganized into three stands for future management.



Grey County Forest Management Plan
Lily Oak Tract - # 29
596967 Concession 10
Township of Chatsworth
Roll #42043600032510000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-29
 Grey County Forest Management Plan
 Compartment 29: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Lily Oak	29	5	2015	Mh9Oh1	25.0	35.7	3.2	9.2	8.4	1.2	22.0
Lily Oak	29	5	2015	Mh9Oh1	25.0	35.7	3.2	9.2	8.4	1.2	22.0
Lily Oak	29	15	2017	Pw7Sw3	19.0	30.0	7.0	8.0	7.0	0.0	22.0
Lily Oak	29	16	2017	Pw8Mh2 (Sw)	14.0	32.4	6.0	17.0	5.0	2.0	30.0
Lily Oak	29	17	2017	Sw8Mh1Pw1 (Cb)	22.0	26.1	18.0	12.0	4.0	0.0	34.0
Lily Oak	29	26	2017	Mh5ld2By1Aw1Cw1 (Cb)	14.0	29.6	7.0	6.0	2.0	2.5	17.5
Lily Oak	29	25	2017	Cw9OH1 (Pw Cp Aw)	10.0	21.6	41.3	9.3	2.0	0.0	52.7
Lily Oak	29	14	2017	Pw6Le1Sw1Ea1Cb1	22.0	31.8	7.3	14.7	10.7	0.0	32.7
Lily Oak	29	18	2017	Sw9Mh1	20.0	35.1	4.0	18.0	4.0	2.0	28.0
Lily Oak	29	19	2017	Pw6Sw2OH1 (Mh Cb Ea)	20.7	33.1	8.0	11.3	10.0	2.0	31.3
Lily Oak	29	20	2017	Sw8Po2 (Ea)	14.0	22.6	16.0	9.0	1.0	0.0	26.0
Lily Oak	29	21	2017	Sw4Pw4Cw2 (Po Aw)	16.5	27.7	16.0	7.0	6.0	2.0	31.0
Lily Oak	29	22	2017	Pw7Cb2Ea1 (Aw)	18.0	30.8	10.0	9.0	10.0	0.0	29.0
Lily Oak	29	23	2017	Mh6Pw2Cb1Sw1 (Aw Cw)	16.9	25.5	14.5	10.0	4.5	0.0	29.0
Lily Oak	29	27	2017	Pw7Ea3	14.0	28.0	4.0	10.0	0.0	0.0	14.0
Lily Oak	29	2	2017	Cw4Cb2Pw1Mh1Bf1 (Sw Ea By)	16.5	25.4	21.0	14.0	5.0	1.0	41.0
Lily Oak	29	3	2017	Pw7Sw3 (Po Ea Cw Cb)	21.1	32.5	6.0	14.3	9.3	0.7	30.3
Lily Oak	29	8	2017	Pw3Cb2Sw2Aw2Mh1	15.8	27.6	14.7	6.0	6.7	1.3	28.7
Lily Oak	29	9	2017	Le10	6.0	10.7	6.0	0.0	0.0	0.0	6.0
Lily Oak	29	7	2017	Pw6Sw2Cb1Mh1 (Ea)	20.3	32.5	5.7	13.7	7.4	0.3	27.1
Lily Oak	29	7	2017	Pw6Sw2Cb1Mh1 (Ea)	20.3	32.5	5.7	13.7	7.4	0.3	27.1
Lily Oak	29	7	2017	Pw6Sw2Cb1Mh1 (Ea)	20.3	32.5	5.7	13.7	7.4	0.3	27.1
Lily Oak	29	6	2017	Cw3Bf3Ab1Po1Ms1OH1 (Sw Ea By)	9.0	17.7	20.0	3.0	0.0	0.0	23.0
Lily Oak	29	5	2017	Mh9OH1 (Cb Aw ld By Ea Sw Bd)	19.3	34.1	4.9	7.3	5.0	2.7	19.8
Lily Oak	29	5	2017	Mh9OH1 (Cb Aw ld By Ea Sw Bd)	19.3	34.1	4.9	7.3	5.0	2.7	19.8
Lily Oak	29	24	2017	Sw5Cb3Le1Mh1 (Aw Ea Pw)	18.7	29.0	11.3	15.3	4.7	0.7	32.0
Lily Oak	29	11	2017	Sw6PCb3Pw1	18.0	30.0	8.0	13.0	5.0	1.0	27.0
Lily Oak	29	12	2017	Mh6Ps2Cb1Aw1	13.0	24.4	8.0	3.0	2.0	1.0	14.0

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Lily Oak	29	10	2017	Pw5Cb2Sw1Mh1Le1 (Aw Ea)	18.9	35.0	4.4	7.1	8.9	1.6	22.0
Lily Oak	29	33	2017	Mh9OH1 (Be Aw Id Bd Ea By Bn)	17.0	34.1	4.4	8.6	9.3	1.5	23.9
Lily Oak	29	34	2017	Mh8Po1Aw1 (Be Cb Id Bd Ea Le)	17.0	33.8	4.0	8.3	6.3	1.0	19.7
Lily Oak	29	34	2017	Mh8Po1Aw1 (Be Cb Id Bd Ea Le)	17.0	33.8	4.0	8.3	6.3	1.0	19.7
Lily Oak	29	35	2017	Pw7Cb2Mh1 (Le)	16.8	32.7	5.0	7.0	11.0	0.0	23.0
Lily Oak	29	31	2017	Pw5Cb2Le1Sw1OH1 (Mh Po Ea Cw)	17.9	30.8	5.8	16.6	4.8	0.3	27.4
Lily Oak	29	29	2017	Pr4Po4Ps2	9.7	13.0	7.0	1.0	0.0	0.0	8.0
Lily Oak	29	30	2017	Pw7Sw2Cb1 (Ap)	18.0	30.9	4.0	20.0	4.0	0.0	28.0
Lily Oak	29	28	2017	Pw8Mh1Cb1 (Ea Cw)	22.4	29.7	9.2	16.4	6.4	0.4	32.4
Lily Oak	29	4	2017	Cw2Bf2By1Ms1Mh1Ab1Ea1OH1OC1 (Aw He Po Bd Sw Bw Cb)	16.0	22.3	18.2	7.8	1.4	0.4	27.8
Lily Oak	29	13	2017	Sw7Cb1Pw1Mh1 (Cw)	20.0	29.7	7.0	20.0	5.0	1.0	33.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #30 Sunken Lake

Municipality: Township of Chatsworth
Former Township: Holland Township
Civic Number: 583359 Sideroad 60
Lot: 62 and 63
Conc: 3 EGR
Area: 40 ha (98.8 acres)

General Description and History:

This property was purchased in 1965 and planted with white pine, red pine, Scotch pine and black walnut. The property is approximately one-third hardwoods with the remainder in plantations.

The plantations were pruned to 13 feet in the 1980's and the 1990's. The plantations were thinned for the first time in 2006. Another thinning occurred in 2017.

The red pine is showing decline and signs of root rot. The white pines were severely defoliated between the late-1990's and the early 2000's. The scotch pines were removed completely in the early 2000's. This area is now filling in with hardwoods.

In 2014, the hardwood stands were harvested and produced 26,000 fbm along with 83 cord of fuelwood from 545 trees on 28 acres.

Forest Health:

There is a large pocket of red pine declining in the central-east plantation. This area of decline is expanding.

Management plan:

The plantations will continue to be thinned on a 10-year cycle until they are ready for conversion to hardwood. This is anticipated to require two more thinning operations.

The hardwoods are scheduled for management in 2029. The harvest schedule will continue on a 15-year cycle.










0

500m



Grey County Forest Management Plan
Sunken Lake Tract - # 30
583359 Sideroad 60
Township Of Chatsworth
Roll # 42043600041710000000

-  Forest Stands
-  Roads
-  Watercourses
-  Trails
-  Bruce Trail
-  Growth and Yield Plot Locations
-  (Other Forest Tract)

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Table A1-30
Grey County Forest Management Plan
Compartment 30: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Sunken Lake	30	1	2016	Mh10		36.6	2.7	5.7	6.3	1.0	15.7
Sunken Lake	30	5	2016	Mh10		35.7	2.8	10.8	6.0	1.6	21.2
Sunken Lake	30	3	2016			24.5	18.0	9.5	2.5	0.0	30.0
Sunken Lake	30	3	2016			24.5	18.0	9.5	2.5	0.0	30.0
Sunken Lake	30	3	2016			24.5	18.0	9.5	2.5	0.0	30.0
Sunken Lake	30	2	2016			21.8	24.4	4.0	0.0	0.4	28.8

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #31 Copper Kettle

Municipality: Township of Georgian Bluffs
Former Township: Keppel Township
Civic Number: 302274 and 302275 Grey Road 170
Lot: 22 and 23 / 23
Conc: 11 / 12
Area: 121.5 ha (300.2 acres)

General Description and History:

This property was purchased in 1948 and 1962. The property was planted between the 1940's to 1960's with red pine, white pine, jack pine, white spruce, white cedar and white ash. Some of the white pine were pruned to 17 feet in the 1960's.

Thinning operations occurred in the 1980's and the 1990's.

In 2018, the plantations were scheduled for further thinning. This operation occurred in 2019.

Approximately two-thirds of the property consists of hardwood stands divided into 30 percent lowland and 60 percent upland. The hardwoods were harvested in the 1950's with the removal consisting primarily of poplar.

In the late 1990's harvest consisted primarily of hard maple and soft maple.

In 2009, a harvest was conducted on 107 acres in the southern portion that produced 46,000 fbm and 326 cord of fuelwood from 2,343 trees.

In 2016, an operation on the northern portion removed 1,151 trees over 69 acres. This operation produced 22,000 fbm and 172 cord of fuelwood.

The southern stand was marked in 2018 for harvest in 2019 with 55,195 fbm of sawlogs from 405 stems and 180 cord of fuelwood.

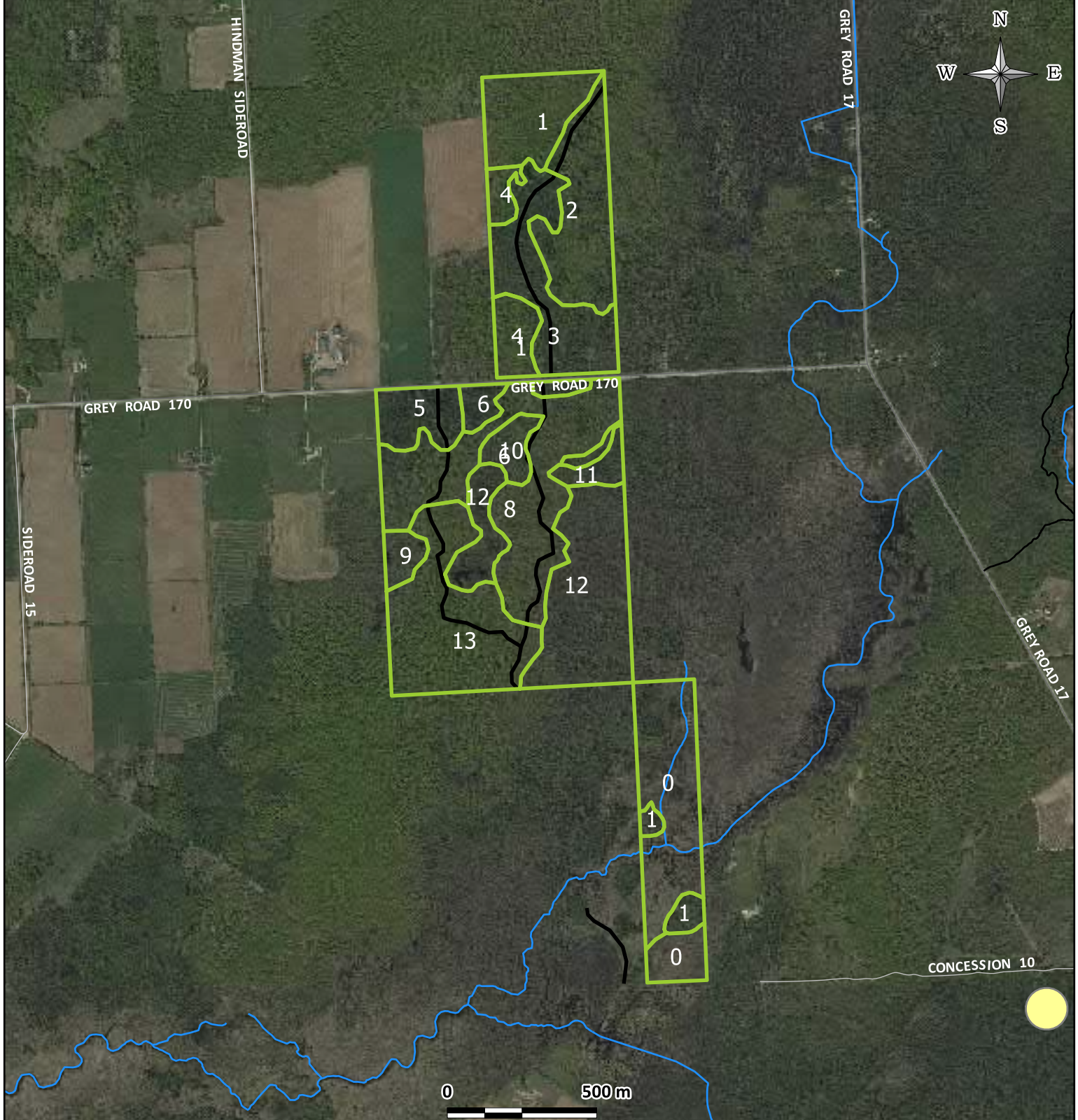
This property forms part of the provincially significant The Glen Life Sciences Area of Natural and Scientific Interest. Additionally, the property contains a portion of the Shouldice provincially significant wetland. The portion of the property occurring on the

south side of Grey Road 170 is within the Niagara Escarpment Plan (NEP) area. This portion of the property is designated Escarpment Natural under the NEP.

Management plan:

The plantations will be thinned in 2029. This is expected to be the final thinning for the plantations prior to conversion to hardwood management.

The hardwoods will continue to be managed on a 15-year cycle. The next hardwood harvest operations scheduled for the north and south sections will occur in 2031 and 2034, respectively.



Grey County Forest Management Plan
Copper Kettle Tract - # 31 &32
283001 Concession 10,
302294, 302329 & 302330 Grey Rd 170
Township Of Georgian Bluffs

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-31
 Grey County Forest Management Plan
 Compartment 31: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Copper Kettle	31	5	2017	Pr4 Pw3 Ea2 Cb1 (Mh)	25.0	30.1	8.0	18.0	7.0	0.0	33.0
Copper Kettle	31	6	2017	Pw9 Mh1 (Pj Ea Cb)	25.0	33.0	7.0	11.0	14.0	1.0	33.0
Copper Kettle	31	7	2017	Sw4 Pw2 Mh2 Cb1 Bw1	22.0	30.3	12.0	18.0	10.0	2.0	42.0
Copper Kettle	31	1	2017	Mh9OH1 (Id Bw Ea Bd)	16.4	24.5	10.8	10.4	1.2	0.0	22.4
Copper Kettle	31	2	2017	Mh5Sw2Ea1Aw1OH1 (Id Pw Po Cb Bw Bd)	14.4	24.6	17.8	9.3	2.5	0.3	30.0
Copper Kettle	31	3	2017	Pw7Mh1Aw1Ea1 (Cb Id Be Bd Ap)	23.6	30.8	5.6	16.7	5.3	0.2	27.8
Copper Kettle	31	4	2017	Mh9OH1 (Ea Aw Sw Cb)	23.5	29.4	6.0	8.0	2.8	0.8	17.6
Copper Kettle	31	4	2017	Mh9OH1 (Ea Aw Sw Cb)	23.5	29.4	6.0	8.0	2.8	0.8	17.6
Copper Kettle	31	10	2017	Po6Mh1Aw1Bf1Bd1	19.0	30.7	6.0	4.0	4.0	1.0	15.0
Copper Kettle	31	11	2017	Po3Cw3Bf2Mh1Aw1	7.0	20.6	27.0	2.0	4.0	0.0	33.0
Copper Kettle	31	9	2017	Cw4Po3Ob2Bd1 (Ab)	17.0	32.8	8.0	22.0	8.0	0.0	38.0
Copper Kettle	31	13	2017	Mh10 (Bd Aw)	24.5	35.7	2.8	11.2	7.6	2.4	24.0
Copper Kettle	31	8	2017	Mh5Aw2Po1Bd1OH1 (Mr Id By Pw Ea Ob Be Cb)	19.3	27.9	9.6	9.9	4.0	0.3	23.8
Copper Kettle	31	8	2017	Mh5Aw2Po1Bd1OH1 (Mr Id By Pw Ea Ob Be Cb)	19.3	27.9	9.6	9.9	4.0	0.3	23.8
Copper Kettle	31	12	2017	Ms4Mr3OH2OC1 (Ab Cw By Po Aw Bf Bd Ea Bw)	18.5	35.3	6.1	11.6	10.0	3.9	31.6
Copper Kettle	31	12	2017	Ms4Mr3OH2OC1 (Ab Cw By Po Aw Bf Bd Ea Bw)	18.5	35.3	6.1	11.6	10.0	3.9	31.6

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #32

Copper Kettle **South**

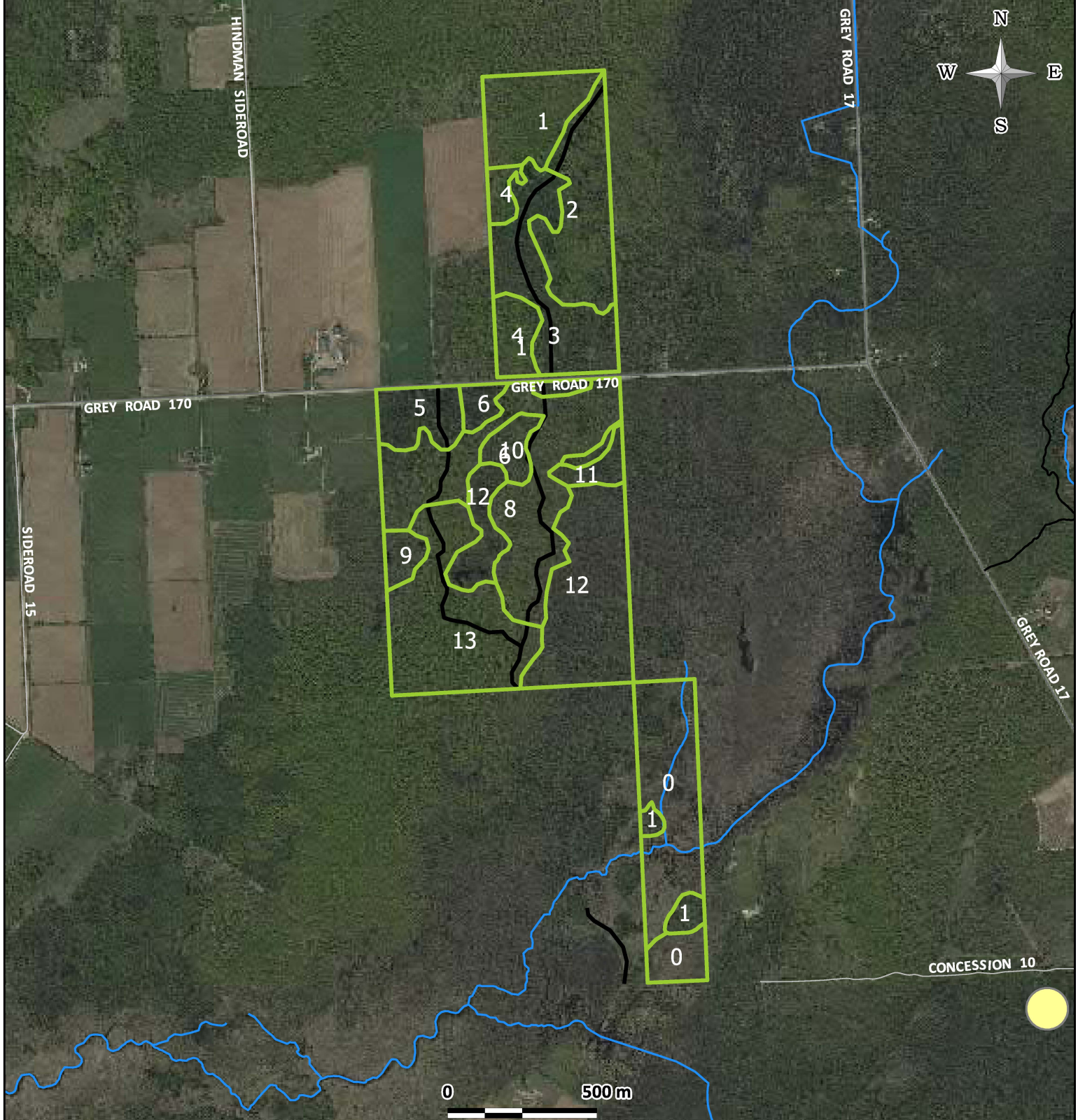
Municipality:	Township of Georgian Bluffs
Former Township:	Keppel Township
Civic Number:	283001 Concession Road 10
Lot:	West half Lot 24
Conc:	10
Area:	20.2 ha (50 acres)

General Description and History:

This property was purchased in 1962. The property consists primarily of flooded timber and marsh with a few small islands of high ground covered in poplar, cedar, balsam fir and white birch.

This property is entirely within the provincially significant The Glen Life Sciences Area of Natural and Scientific Interest and the Shouldice provincially significant wetland complex. The subject property is within the Niagara Escarpment Plan (NEP) area and is designated Escarpment Natural under the NEP.

Grey Sauble Conservation Authority land is located immediately to the west and north of this property.



Grey County Forest Management Plan
Copper Kettle South Tract - # 31 &32
283001 Concession 10,
302294, 302329 & 302330 Grey Rd 170
Township Of Georgian Bluffs

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Grey County Property: Compartment #33

Francis Lake

Municipality: Township of Georgian Bluffs
Former Township: Keppel Township
Civic Number: 179310 County Road 17
Lot: 25
Conc: 14
Area: 38.5 ha (95.1 acres)

General Description and History:

This property was purchased in 1963 and three small plantations of white pine, white spruce, and white cedar were planted soon afterwards. A small plantation on the northeast corner of the property was refilled with white pine in the 1980's. The remainder of the property is upland tolerant hardwoods.

A thinning of the plantations was carried out in the early 1990's. Although no records occur, Lands and Forests Consulting noted in 2001 that the larger plantation on the south end was pruned.

In 2013, another thinning of the plantations was conducted. This operation removed 271 white pine producing 63 cord. The plantation on the north end is struggling while the southern ones are doing well.

The hardwood stand that occupies more than three-quarters of the property has no record of harvesting prior to an improvement cut in the mid-1990's.

In 2006, a commercial harvest was conducted that removed 1,054 stems producing 56,000 fbm and 125 cord of fuelwood. It appears that this operation overharvested as a 2017 inventory indicates a remaining basal area of only 16.6 m²/ha. Many of the tops are dying back, which is believed to be a result of scalding in combination with forest tent caterpillar infestation.

Property Condition:

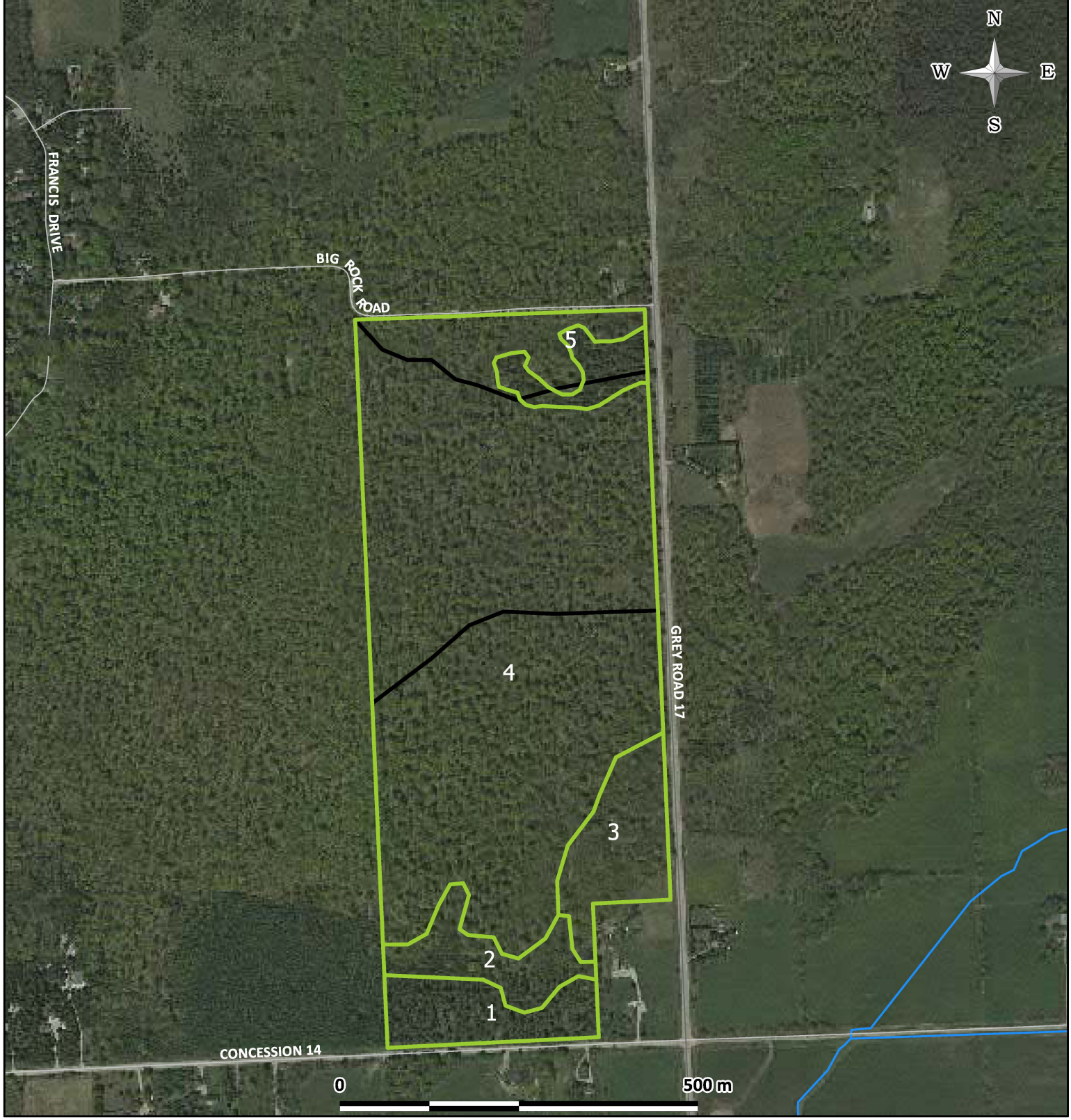
Access to the property from private land to the west has resulted in a small dirt bike track.

It has also been noted that illegal harvesting may be occurring on this property. The County will monitor this situation to ensure compliance with permitted uses.

Management plan:

The plantations will undergo a thinning in 2023.

The hardwood stand will be monitored for growth and included in the schedule once it reaches 25m². This is expected to occur in 20 years.



Grey County Forest Management Plan
Francis Lake Tract - # 33
179278 Grey Road 17
Township of Georgian Bluffs
Roll # 42036200042040000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-32
Grey County Forest Management Plan
Compartment 33: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Francis Lake	33	1	2017	Pw8 Oh2	25.0	39.6	2.0	5.0	12.0	2.0	21.0
Francis Lake	33	2	2017	Pw4Mh3Sw2Aw1	18.0	20.8	21.0	5.0	0.0	1.0	27.0
Francis Lake	33	3	2017	Mh5 Be3 Aw2 (Cb)		22.5	12.0	1.0	1.0	1.0	15.0
Francis Lake	33	4	2017	Mh7Aw1Be1Bd1(Id By)	25.0	29.2	6.0	6.4	3.2	1.0	16.6
Francis Lake	33	5	2017	Pw7Aw2Cw1	20.0	18.3	28.0	4.0	0.0	0.0	32.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #34 Keppel Wetlands

Municipality: Township of Georgian Bluffs
Former Township: Keppel Township
Civic Number: 362246 Concession 16
Lot: 17
Conc: 15
Area: 40.5 ha (100 acres)

General Description and History:

This property was purchased in 1963 and consists entirely of lowland cedar, balsam fir, soft maple, poplar and black ash.

There is no access to the property. However, a municipal road allowance runs through the property. This property forms part of the provincially significant Mountain Lake – Skinners Marsh wetland complex. As such, no management of any kind has taken place on this property.

Management plan:

It is intended that no active management occur on this property.










0

500m



Grey County Forest Management Plan
Keppel Wetland Tract - # 34
362246 Concession 16
Township of Georgian Bluffs
Roll # 42036200042190000000

-  Forest Stands
-  Roads
-  Watercourses
-  Trails
-  Bruce Trail
-  Growth and Yield Plot Locations
-  (Other Forest Tract)

Grey County Property: Compartment #35 Quarry

Municipality: Township of Georgian Bluffs
Former Township: Keppel Township
Civic Number: 381230 and 381280 Concession Road 17
Lot: 6, Part 7, 8, and 9
Conc: 17
Area: 142 ha (350 acres)

General Description and History:

This property consists of two parcels, one purchased in 1961 and the other purchased in 1963. White pine, white spruce, white cedar and European larch were planted on the northern portions of both parcels soon after purchase.

The white pines were pruned up to 17 ft in the 1980's. No records of any thinning operations are available prior to 2010.

In 2010, 782 trees were removed to produce 98 cord of white pine. Records are unavailable for the cedar patch cuts were conducted prior to 2001.

In the 1970's, axe girdling was carried out in the hardwood stands, however harvest records are unavailable for operations prior to 2005.

In 2005, a fuelwood harvest removed 315 trees to produce 48 cord.

An improvement cut was scheduled for 2019 to reduce the polewood and small sawlog density to increase the growth of the residual stock. However, this tender failed to sell.

Property Condition:

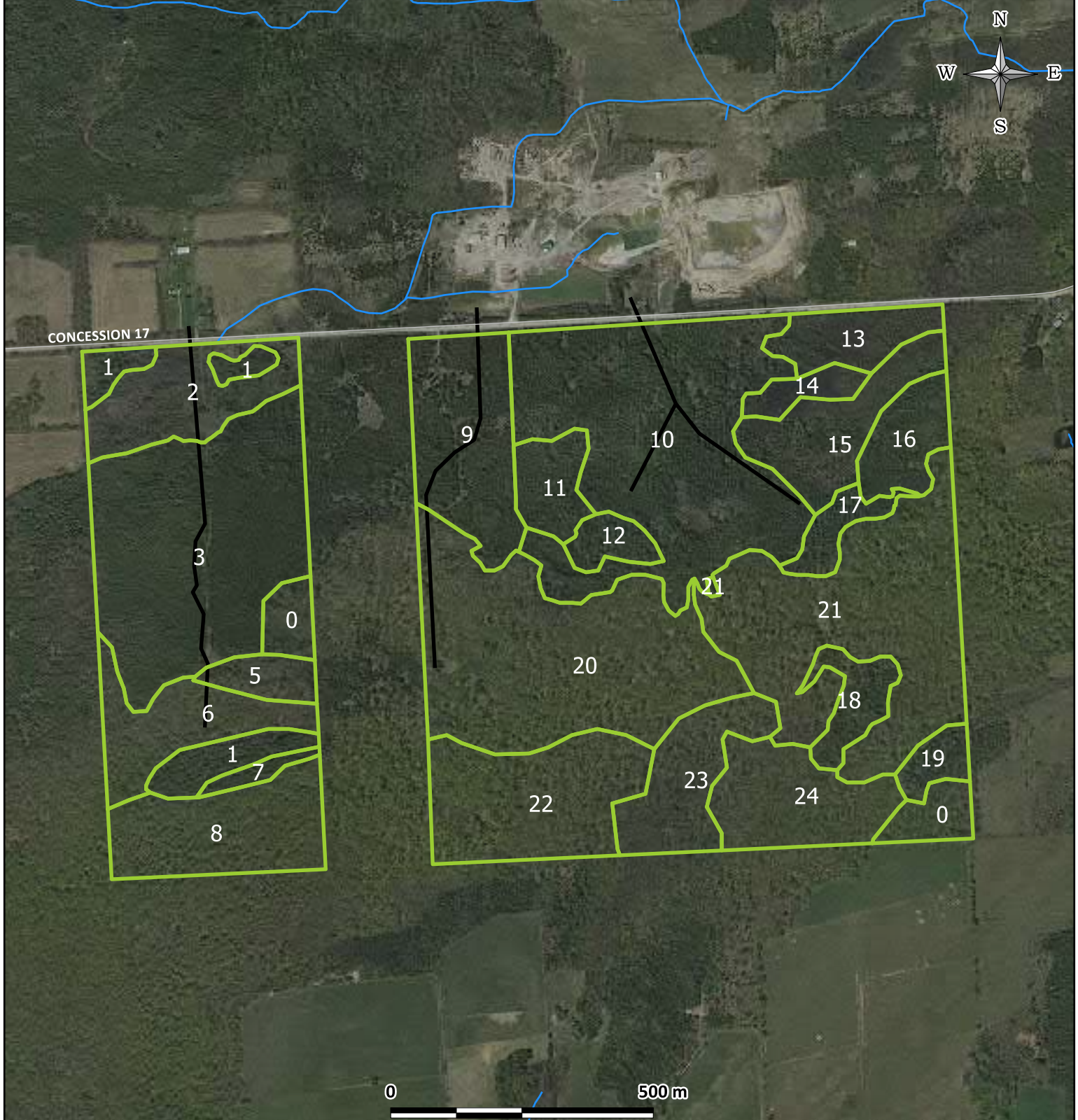
The hardwood stands on this property are of low quality and shows signs that were overharvested during the 2005 operation.

Management plan:

The plantations are scheduled for an entry in 2020.

The hardwoods will need to have improvement work done but the quality of the wood may make it difficult to attract buyers.

The hardwoods will need to have improvement work done but the quality of the wood may make it difficult to attract buyers.



Grey County Forest Management Plan
Quarry Tract - # 35
381230 & 381340 Concession 17
Township Of Georgian Bluffs

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-33
Grey County Forest Management Plan
Compartment 35: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Quarry	35	9	2017	Cw9OC1 (Bf Sw Pw)	6.6	16.4	28.9	2.6	0.0	0.0	31.4
Quarry	35	11	2017	Cw8Po1Bw1	7.5	18.8	36.0	6.0	0.0	0.0	42.0
Quarry	35	1	2017	Pw9Aw1 (Cw Ea)	19.0	31.4	8.0	24.0	9.0	0.0	41.0
Quarry	35	2	2017	Po5Aw2Cw2Pw1 (Ea)	13.3	23.1	8.0	4.7	0.3	0.0	13.0
Quarry	35	21	2017	Mh4Aw2ld2Be1Cb1 (By Po)	18.8	25.1	13.6	7.2	2.4	1.6	24.8
Quarry	35	21	2017	Mh4Aw2ld2Be1Cb1 (By Po)	18.8	25.1	13.6	7.2	2.4	1.6	24.8
Quarry	35	22	2017	Mh5Aw3Bd1OH1 (Cb By Bw)	20.7	21.0	18.0	6.0	1.3	0.0	25.3
Quarry	35	20	2017	Be4Mh4ld2 (Bd)	16.0	23.4	20.0	20.0	0.0	0.0	40.0
Quarry	35	23	2017	Aw6Mh2Bn1Bw1 (Be)	24.0	26.3	12.0	15.0	2.0	0.0	29.0
Quarry	35	5	2017	Mh7Aw1OH1Pw1 (ld Cb Be Bd)	14.5	23.6	13.0	11.0	0.0	0.0	24.0
Quarry	35	3	2017	Cw8Pw1OH1 (Bw Aw Ea Mh ld Bd)	7.8	18.8	24.3	4.9	0.6	0.1	29.9
Quarry	35	6	2017	Mh5Aw2Po1Bd1ld1 (Cw By Be)	16.8	27.1	9.2	10.0	2.4	0.4	22.0
Quarry	35	7	2017	Cw4Aw3Pw2Ea1		18.2	28.0	2.0	4.0	0.0	34.0
Quarry	35	8	2017	Mh7Be2Aw1 (Bd By Bn)	22.6	31.4	7.1	13.1	6.6	0.6	27.4
Quarry	35	10	2017	Cw6Pw2Po1OH1 (Aw Sw Le Ms Ea Mh Bw Ab)	12.0	19.6	30.0	5.9	1.5	0.2	37.6
Quarry	35	12	2017	Le8Cw1Aw1		27.7	12.0	20.0	4.0	0.0	36.0
Quarry	35	13	2017	Cw3Pw2Po2Ms1Bw1Ab1 (Aw Mh)	16.7	21.6	22.7	10.7	1.3	0.0	34.7
Quarry	35	14	2017	Ab10	10.0	11.3					
Quarry	35	18	2017		14.0	25.8					
Quarry	35	19	2017		25.0	31.0					
Quarry	35	20	2017		20.0	23.7					
Quarry	35	15	2017		10.6	21.1	14.4	6.4	0.0	0.8	21.6
Quarry	35	16	2017	Cw8Oh2	14.0	24.6	35.0	27.0	3.0	0.0	65.0
Quarry	35	17	2017		24.0	29.0					

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #37 Normanby

Municipality: Municipality of West Grey
Former Township: Normanby Township
Civic Number: 182255 Concession Road 12
Lot: East half 27, 28, 29, and 30
Conc: 12
Area: 141.7 ha (350.1 acres)

General Description and History:

This large property was purchased in 1950 and 1952 and extensively planted with a wide variety of species and mixtures, including Scotch pine, jack pine, red pine, white pine, white spruce, Norway spruce, European larch, poplar, white ash and hard maple.

In the 1980's the white pines were pruned to 17 feet. The plantations were thinned in the late 1980's, in 2001, and in 2013. The 2013 operation removed 6,208 stems to produce 1,711 cord of a variety of softwood species.

Hardwood harvest records are not available for operations prior to 2010. In 2010, 20 acres were harvested removing 391 trees to produce 9,130 fbm and 59 cord of fuelwood. The small stand in the northwest corner was cut in 2017 producing just over 4,000 fbm and 30 cord of fuelwood.

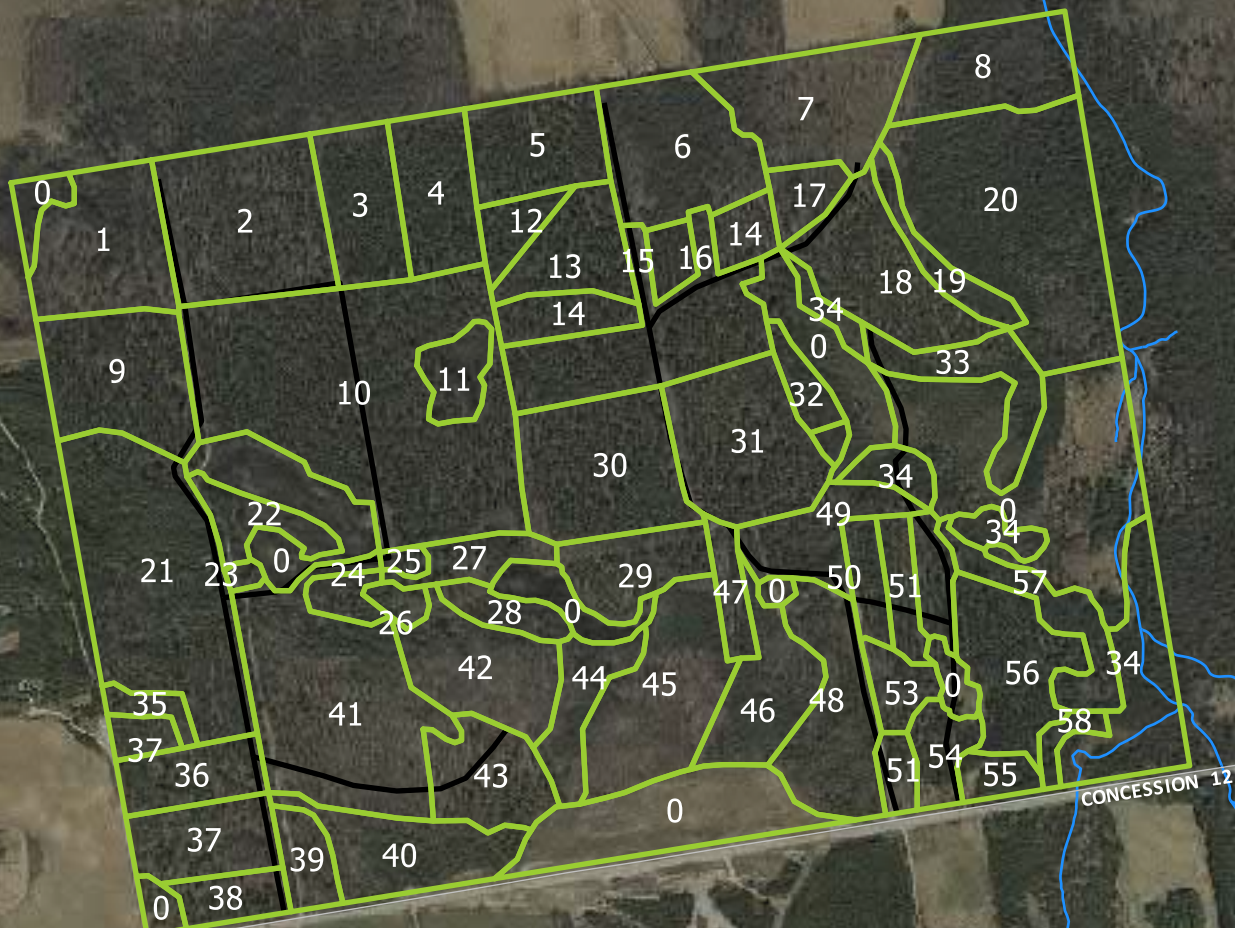
This property has good potential for recreational development as a good system of trails exists throughout the entire property.

Property Condition:

Due to shallow soils and subsurface water levels many of the stands have experienced windthrow.

Management plan:

The plantations will continue to be thinned on a 10-year cycle until stand conversion is achieved. The next scheduled entry will be in 2023.



Grey County Forest Management Plan
Normanby Tract - # 37
182255 Concession 12
Municipality of West Grey
Roll # 42050100021910000000



- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

Table A1-35
Grey County Forest Management Plan
Compartment 37: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Normanby	37	1	2016	Mh5 He2 Aw1 Be1 OH1 (Po Cb)		34.6	5.3	10.0	8.0	2.0	25.3
Normanby	37	2	2018	Pw5, Aw3, Mh1, Oh1	24.0	29.9	12.5	6.0	8.0	2.5	29.0
Normanby	37	3	2018	Sw7, Cw1, Aw1, Oh1	15.0	24.7	16.0	10.0	0.0	1.0	27.0
Normanby	37	4	2018	Pw5, Sw4, Po1	21.0	34.7	3.0	17.0	10.0	3.0	33.0
Normanby	37	5	2018	Pw7, Sw2, Sn1	24.0	35.3	1.0	15.0	7.0	1.0	24.0
Normanby	37	6	2018	Ab2, He2, Bd2, Mh1, Cw1, Po1, Oh1	15.0	23.3	18.0	12.0	3.3	0.0	33.3
Normanby	37	7	2016	Aw5 Mh3 Ea1 OH1 (Bd Ms)		25.5	21.0	4.0	4.0	2.0	31.0
Normanby	37	8	2018	Cw2, By2, Ab2, Ms2, Oh2	19.0	34.7	6.0	11.0	11.0	2.0	30.0
Normanby	37	9	2018	Pr4, Pw4, Sw1, Oh1	25.0	31.0	8.0	14.7	5.3	2.7	30.7
Normanby	37	10	2018	Pw9, Sw1	26.0	38.6	1.1	10.5	17.6	2.5	31.8
Normanby	37	11	2018	Ms7, Pw1, Sw1, Oh1	20.0	39.6	4.0	8.0	22.0	6.0	40.0
Normanby	37	12	2018	Sw5, Pw3, Cw1, Cb1	22.0	32.1	6.0	12.0	12.0	0.0	30.0
Normanby	37	13	2018	Pw7, Sw2, Aw1	24.0	38.5	3.0	7.0	12.0	2.0	24.0
Normanby	37	14	2018		23.0	34.9	2.0	12.7	7.3	0.7	22.7
Normanby	37	15	2018		24.0	34.8	3.3	12.7	12.0	0.0	28.0
Normanby	37	16	2018		18.0	21.6	26.0	12.0	0.0	0.0	38.0
Normanby	37	17	2018	Ps4, Aw2, Mh2, Pw1, Oh1	18.0	20.9	20.0	4.0	2.0	0.0	26.0
Normanby	37	18	2018	Pw6, Pr3, Sw1	20.0	30.4	6.0	16.7	4.0	0.0	26.7
Normanby	37	19	2018	Cw4, Mh3, By1, Oh2	16.0	25.9	24.0	24.0	6.0	0.0	54.0
Normanby	37	20	2018	Cw7, Oh2, Oc1	13.0	26.9	25.0	19.5	4.5	2.0	51.0
Normanby	37	21	2018	Pr4, Cw3, Aw1, Oh1, Oc1	18.0	23.5	17.1	12.3	1.1	0.3	30.9
Normanby	37	22	2018	Pw10	22.0	32.5	4.0	18.0	4.0	0.0	26.0
Normanby	37	23	2018	Aw6, Pj2, Cb1, Po1	18.0	21.3	22.0	4.0	2.0	0.0	28.0
Normanby	37	24	2018	Pw7, Aw2, Oc1	21.0	34.1	6.0	18.0	16.0	2.0	42.0
Normanby	37	25	2018	Sn6, Pw4	23.0	45.1	0.0	2.0	14.0	10.0	26.0
Normanby	37	26	2018	Mh6, Sw2, Cw1, Aw1	19.0	38.3	6.0	0.0	2.0	6.0	14.0
Normanby	37	27	2018	Mh5, Aw3, Cb2	18.0	32.7	2.0	6.0	4.0	0.0	12.0
Normanby	37	28	2018	Cw9, Oh1	8.0	31.2	30.0	24.0	8.0	8.0	70.0

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Normanby	37	29	2018	Pw6, Aw2, Mh1, Oh1	20.0	27.8	14.0	4.0	8.0	1.0	27.0
Normanby	37	30	2018	Pw10	28.0	40.0	1.5	7.5	22.0	2.0	33.0
Normanby	37	31	2018	Pw5, Le3, Mh1, Oh1	27.0	38.9	3.3	8.0	11.3	5.3	28.0
Normanby	37	32	2018	Cw10	7.0	22.7	52.0	20.0	4.0	0.0	76.0
Normanby	37	33	2018	Cw4, Pj4, Oh1, Oc1	12.0	22.2	27.3	6.0	2.0	1.3	36.7
Normanby	37	34	2018	Cw8, Oh1, Oc1	5.0	21.9	37.7	13.7	3.0	0.0	54.3
Normanby	37	35	2018	Cb4, Pw3, Pr1, Le1, Aw1	20.0	24.4	18.0	10.0	2.0	2.0	32.0
Normanby	37	36	2018	Pw4, Sw2, Mh2, Pr1, Aw1	23.0	26.8	10.0	4.0	4.0	0.0	18.0
Normanby	37	37	2018	Ps5, Pw2, Aw1, Sw1, Oc1	17.0	23.8	13.3	6.7	0.7	0.7	21.3
Normanby	37	38	2018	Pw5, Sw4, Pr1	22.0	33.3	6.0	6.0	8.0	2.0	22.0
Normanby	37	39	2018	Le7, Ea2, Aw1	23.0	33.2	4.0	14.0	6.0	0.0	24.0
Normanby	37	40	2018	Ps35, Cw3, Oh2	9.0	16.6	20.7	2.0	0.0	0.0	22.7
Normanby	37	41	2018	Le4, Aw2, Cw1, Pw1, Oh2	23.0	29.4	8.7	14.3	7.0	0.0	30.0
Normanby	37	41		Le7Pr2Aw1	19.0		0.0	0.0	0.0	0.0	
Normanby	37	42	2018	Mh4, Sw2, Aw1, Cw1, Oh2	19.0	24.9	14.0	10.0	2.0	0.0	26.0
Normanby	37	43	2018	Le4, Pw2, Mh2, Bd1, Oh1	23.0	35.8	5.0	10.0	10.0	1.0	26.0
Normanby	37	44	2018	Cw3, He3, Mh2, Oh2	16.0	32.4	9.0	11.0	2.0	4.0	26.0
Normanby	37	45	2018	Cw5, Mh3, Aw1, Hb1	16.0	26.4	14.7	6.0	4.7	1.3	26.7
Normanby	37	46	2018	Cw6, Pj2, Aw1, Oh1	14.0	17.6	34.0	2.0	1.0	0.0	37.0
Normanby	37	47	2018	Sw7, Mh2, Aw1	20.0	29.1	12.0	10.0	4.0	2.0	28.0
Normanby	37	48	2018	Ps6, Mh1, Pj1, Oh2	14.0	24.1	8.7	9.3	0.7	0.0	18.7
Normanby	37	49	2018	Pw3, Aw3, Sw1, Mh1, Ea1, Oh1	20.0	29.1	12.0	16.0	8.0	1.0	37.0
Normanby	37	50	2018	Sw5, Pw4, Cw1	20.0	33.3	4.0	14.0	12.0	0.0	30.0
Normanby	37	51	2018	Pr5, Ap2, Pw1, Hb1, Oh1	18.0	30.2	6.0	16.0	1.0	1.0	24.0
Normanby	37	52	2018	Sw9, Pr1	23.0	33.3	4.0	14.0	2.0	2.0	22.0
Normanby	37	53	2018	Le8, Sw2	26.0	34.7	0.0	18.0	6.0	0.0	24.0
Normanby	37	54	2018	Sw6, Aw3, Oc1	15.0	24.1	16.0	10.0	2.0	0.0	28.0
Normanby	37	55	2018	Cw8, Sw2	8.0	21.3	64.0	12.0	8.0	0.0	84.0
Normanby	37	56	2018	Pw8, Sw2	26.0	38.2	0.0	14.0	18.7	0.7	33.3
Normanby	37	57	2018	Cw7, Pj2, Aw1	8.0	24.4	16.0	4.0	0.0	2.0	22.0
Normanby	37	58	2018	Cw7, Sw1, Cb1, Pw1	8.0	25.2	32.0	22.0	6.0	0.0	60.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #38 Osprey Wetland

Municipality: Municipality of Grey Highlands
Former Township: Osprey Township
Civic Number: 392082 3rd Concession
Lot: 44, 45; 44, 45, 46; 45, 46
Conc: 1 NDR; 2 NDR; 3 NDR
Area: 150 ha (370 acres)

General Description and History:

This large irregularly shaped property spanning three concession was purchased in 1948, 1950 and 1952. Approximately 40 ha (100 acres) of suitable areas were planted in the early 1950's with white pine, red pine, European larch, Norway spruce, and white spruce.

The white pines were pruned up to 17 feet in the 1980's. All of the plantations were thinned in the late 1990's.

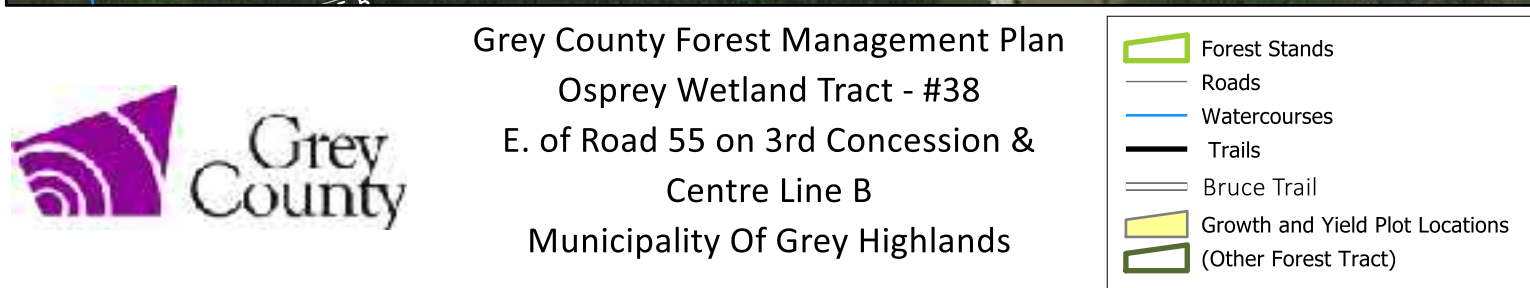
The plantations were thinned in 2013 removing 3,596 stems to produce 672 cord of various species.

No management records are available for a small (4.0 ha) stand of upland hardwood in the north portion of the property.

The remainder of the property consists of marsh, flooded timber and open water. This property contains portions of both the provincially significant Hatherton Wetlands Life Science Area of Natural and Scientific Interest and the provincially significant Hatherton wetlands. This area forms a portion of the headwaters for the Saugeen, Grand and Mad rivers.

Management:

The plantations will continue to be managed on a 10-year cycle until such time as they have transitioned to a mixed wood stand. The site conditions will not allow the plantations to transition to a hardwood stand. The next scheduled entry is in 2023.



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Table A1-36
 Grey County Forest Management Plan
 Compartment 38: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Osprey Wetland	38	1	2018	Mh6,Oh4(BePoCbByBwAw)	23.0	38.6	5.3	12.0	8.0	8.0	33.3
Osprey Wetland	38	2	2018	Sw8, Pw1, Oh1	21.0	27.7	14.0	22.0	2.8	0.0	38.8
Osprey Wetland	38	4	2018	Sw7, Cb2, Pw1	22.0	26.9	13.0	17.0	2.0	1.0	33.0
Osprey Wetland	38	5	2018	Cw4, Sw4, Po1, Pw1	14.0	23.7	36.4	16.4	4.4	1.6	58.8
Osprey Wetland	38	6	2018	Pr5, Pw2, Cb2, Aw1	24.0	32.1	2.0	25.0	4.0	0.0	31.0
Osprey Wetland	38	8	2018	Pr4, Sw2, Cw1, Bf1, Oh2	18.0	28.8	10.0	15.5	5.3	0.0	30.7
Osprey Wetland	38	10	2018	Pw9, Oh1	20.0	38.4	2.0	5.0	17.0	1.0	25.0
Osprey Wetland	38	11	2018	Cw10	8.0	20.5	58.0	10.0	0.0	0.0	68.0
Osprey Wetland	38	12	2018	Bw4, Cw4, Po2	10.0	24.4	14.0	4.0	0.0	0.0	18.0
Osprey Wetland	38	13	2018	Cw7, Sw2, Po1	8.0	21.1	28.0	0.0	0.0	2.0	30.0
Osprey Wetland	38	14	2018	Mh4, Cb3, Bw3	5.0	14.0	6.0	0.0	0.0	0.0	6.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #39

The Wickens

Municipality: Municipality of Grey Highlands
Former Township: Osprey Township
Civic Number: 447503 10th Line
Lot: 7 and 8
Conc: 11
Area: 80 ha (197.7 acres)

General Description and History:

This property was purchased in 1948 and subsequently planted with red pine, white pine, white spruce and white cedar in 1949 and the early 1950's.

In the 1980's, the white pines were pruned up to 17 feet and then thinned in the 1990's. A second thinning operation occurred between the 1990's and 2015, however, no record is available for this operation.

In 2015, a third thinning was conducted which removed 1,110 stems to produce 290 cord.

Cedar strip cuts were completed in the 1970's. These strip cuts are still visible on 2015 aerial photos.

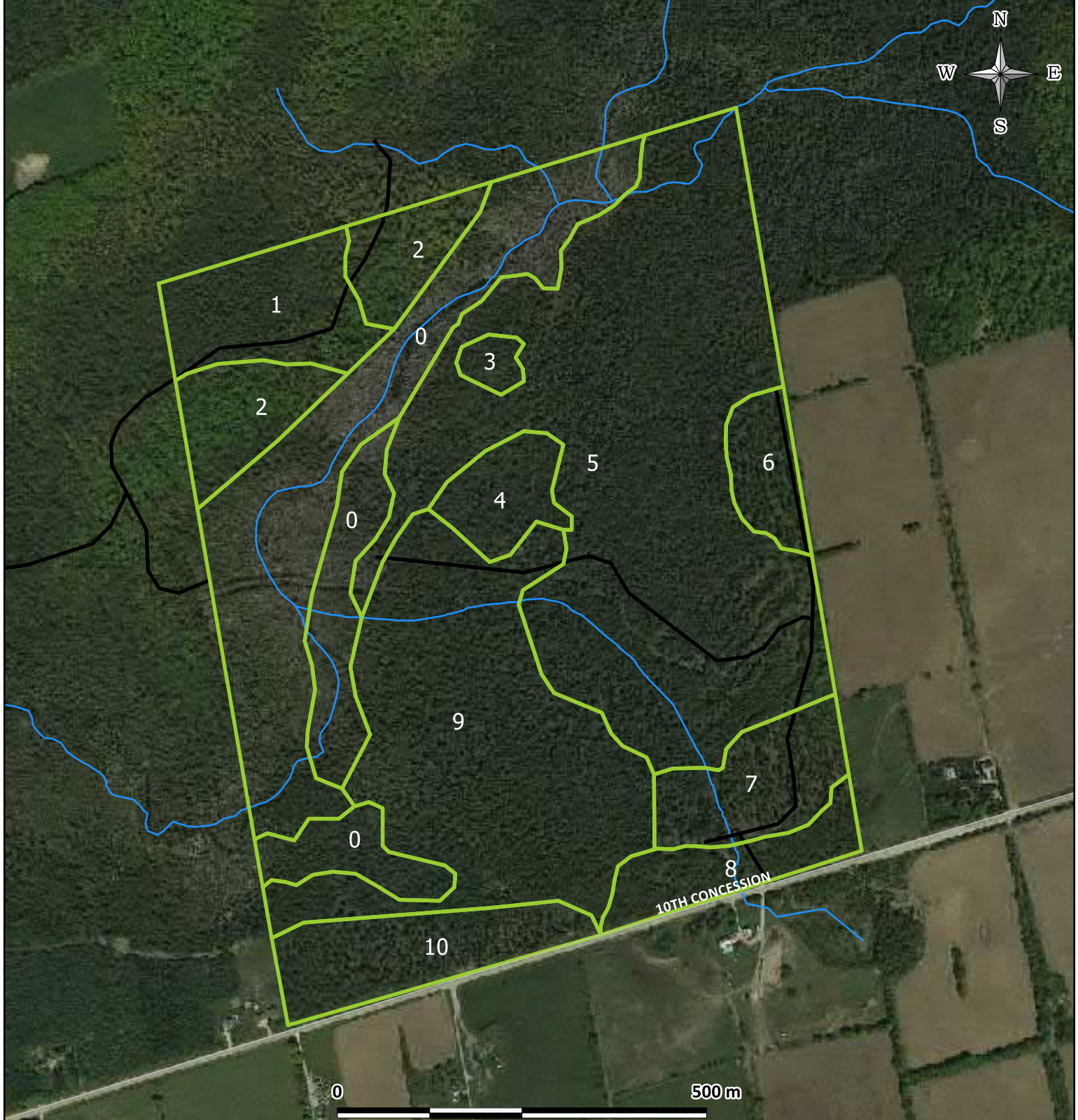
The small upland hardwood stands were harvested in 2008 removing 573 trees on 13 acres to produce 7,811 fbm and 73 cord of fuelwood.

The provincially significant Eugenia Lake wetland complex encompasses a large portion of this property.

Management plan:

The plantations will be thinned again in 2025.

The hardwood stands will be slated for entry in 2023 provided that the basal area is sufficient to warrant it.



Grey County Forest Management Plan
The Wickens Tract - # 39
447527 10th Concession
Municipality Of Grey Highlands
Roll # 42081400060810000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-37
 Grey County Forest Management Plan
 Compartment 39: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
The Wickens	39	10	2015	Pw7Pr2Sn1	20.0	35.0	3.2	10.0	6.8	1.2	21.2
The Wickens	39	1	2016	Cw4 OH2 Bf1 Po1 Cb1 Sw1 (Ms Mh Bw Bd Ab)	13.3	23.5	16.7	9.3	2.0	0.7	28.7
The Wickens	39	2	2016	Mh8,Cb2	26.5	30.4	7.0	13.5	5.0	0.5	26.0
The Wickens	39	2	2016	Mh8,Cb2	26.5	30.4	7.0	13.5	5.0	0.5	26.0
The Wickens	39	3	2016	Bf3,Ms2,Cw2,Cb2,By1		26.0	4.0	8.0	0.0	0.0	12.0
The Wickens	39	4	2016	Cw5,Ms2,Cb1	18.0	30.6	7.0	7.0	7.0	0.0	21.0
The Wickens	39	5	2016	Cw8,Oh1(By,Ms)Oc1(Bf,Pw,Sw)	12.7	27.0	19.3	16.7	3.1	2.7	41.8
The Wickens	39	6	2016	Pw10	26.0	45.7	0.0	0.0	8.0	5.0	13.0
The Wickens	39	7	2016	Pw8,Pr1,Sw1	26.0	30.8	6.0	13.3	5.3	0.0	24.7
The Wickens	39	8	2016	Cw9,Oc1(Bf,Sw)	16.0	29.7	12.0	34.0	7.0	0.0	53.0
The Wickens	39	9	2016	Cw8,Oc1(Sw,Bf,He)Oh1(Ms,By,Cb)	16.0	29.5	10.7	17.3	5.7	1.0	34.7
The Wickens	39	10	2016	Pw6 Sw2 Cb2 (Ea)	28.0	37.3	3.3	6.7	11.3	2.7	24.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #40 St. Vincent

Municipality:	Municipality of Meaford
Former Township:	St. Vincent Township
Civic Number:	Highway 26
Lot:	Part Lot 11; Part Lot 12
Conc:	2; 3
Area:	35 ha (86.5 acres)

General Description and History:

This property was purchased in 1956. Several stands of white pine, Norway spruce and white spruce occur on this property, though no records are available indicating when the planting occurred. The remainder of the property is predominantly red ash and poplar with balsam fir in the understory.

This property has viewing platform established over the scarp looking out onto Georgian Bay. The Georgian trail traverses the the property. In 2017 and 2018 the trail leading to the platform was upgraded to allow for better accessibility.

The property is set aside as “no management” although signage on Highway 26 identifies it as a Grey County Managed Forest.



Grey County Forest Management Plan
 St Vincent Tract - # 40
 Highway 26
 Municipality Of Meaford
 Roll #42104800120710000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

Table A1-38
 Grey County Forest Management Plan
 Compartment 40: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
St Vincent	40	1	2016	Sw5 Ar5 (Ea Cw)	12.7	18.8	20.0	2.7	0.0	0.0	22.7
St Vincent	40	2	2016	Ar10 (Wi)	13.0	16.0	18.0	0.0	0.0	0.0	18.0
St Vincent	40	3	2016	Ar6 Sw2 Pw2	7.0	12.0	10.0	0.0	0.0	0.0	10.0
St Vincent	40	4	2016	Ar6 Po3 Or1	17.0	24.9	13.0	5.0	0.0	3.0	21.0
St Vincent	40	5	2016	Pw6 Po3	16.5	32.5	6.0	20.7	10.0	0.7	37.3
St Vincent	40	6	2016	Sn8Pw2 (Ea)	24.0	29.4	14.0	26.0	10.0	0.0	50.0
St Vincent	40	7	2016	Pw4 Ar3 Sw1 Aw1 Ea1 (Cw Ap)	8.8	14.8	17.6	0.8	0.0	0.0	18.4
St Vincent	40	8	2016	Ar5 Po5		25.7	10.0	8.5	2.5	0.0	21.0
St Vincent	40	9	2016	Sw4 Po2 Ar2 Pw1 OH1 (Bw Aw)	13.3	21.2	12.7	4.7	2.0	0.0	19.3

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #41 Fish Hatchery

Municipality: Township of Chatsworth
Former Township: Sullivan Township
Civic Number: 702802 and 702801 Sideroad 5
Lot: Part Lots 15 and 16
Conc: 2 WGR
Area: 73.1 ha (180.6 acres)

General Description and History:

This property was purchased in 1946 and 1961 and over the course of the 1940's, 50's and 60's was planted with Red, Scotch and White pine, Norway and White spruce, European larch, Hard maple and White ash.

Pruning of the White pine started in the 1960's and by the late 1980's they were pruned to 17 ft. Thinning occurred in the 1980's and 1990's.

In 2008 a third thinning was done that removed 3745 stems for 690 cord at an average diameter of 10.2 inches. The Scotch pine were removed entirely in 2008.

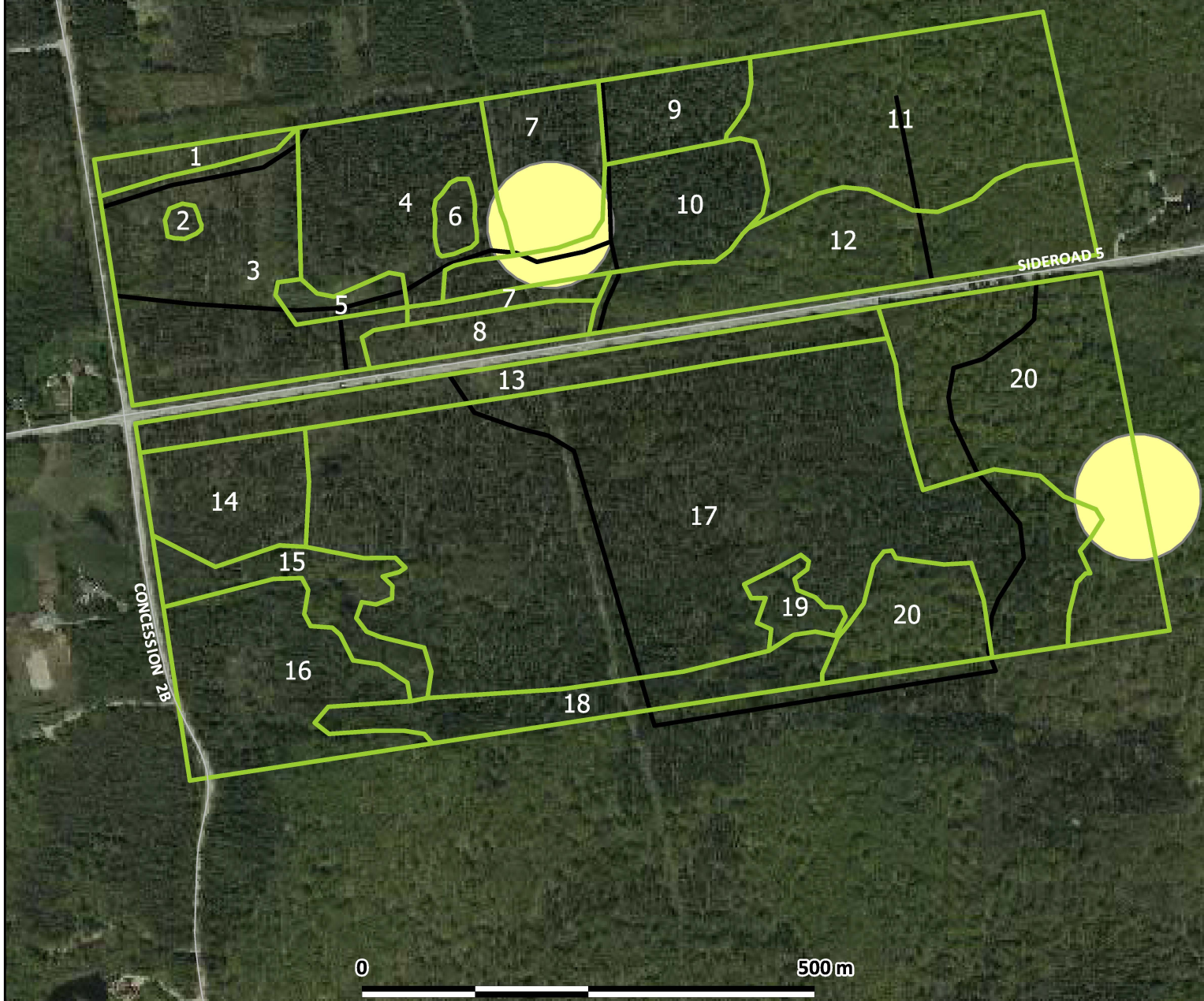
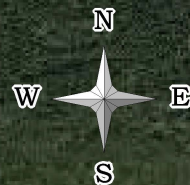
In 2015 they were thinned again removing 3606 stems for 909 cord at an average diameter of 11.5 inches.

The hardwoods were at some point in the 1980's and again in the late 1990's. In 2009, there were 762 stems removed that produced 30814 fbm and 94 cord on 52 acres. The prescription called for a minimum residual basal area of 20 but in 2017 when the latest inventory was done it was between 15.6 and 18.3.

Management plan:

The plantations are scheduled for another entry in 2025 but it is doubtful they will be ready for thinning again at that time.

The hardwoods will be monitored for growth and put into the harvest schedule once they reach 24m².



Grey County Forest Management Plan
Fish Hatchery Tract - # 41
702801 & 702736 Sideroad 5
Township Of Chatsworth

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-39
 Grey County Forest Management Plan
 Compartment 41: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Fish Hatchery	41	17	2015	Mh3 Pw2 Pr2 Cb2 Aw1	30.0	28.9	6.4	5.6	2.8	0.4	15.2
Fish Hatchery	41	20	2015	Mh8 Aw1 OH1 (Po Id Be Bd)	30.0	38.7	3.3	3.5	7.8	3.3	17.8
Fish Hatchery	41	20	2015	Mh8 Aw1 OH1 (Po Id Be Bd)	30.0	38.7	3.3	3.5	7.8	3.3	17.8
Fish Hatchery	41	19	2015	Pw7 Cb2 Mh1	25.0	35.8	2.0	8.0	8.0	0.0	18.0
Fish Hatchery	41	14	2015	Pr4 Cb4 Ea1 Aw1	30.0	29.7	4.0	8.0	2.0	0.0	14.0
Fish Hatchery	41	15	2015	Aw4 Mh1 He1 Po1 Id1 Cb1 OH1 (By Bd)	50.0	30.7	9.0	12.0	4.0	2.0	27.0
Fish Hatchery	41	16	2015	He4 Ms2 Po1 Mh1 OH2 (Id Ea Cw Cb)	25.0	34.0	6.7	10.0	6.0	3.3	26.0
Fish Hatchery	41	18	2015	Sn5 Pr2 Cb2 Mh1 (Aw)	30.0	33.8	1.0	8.0	3.0	0.0	12.0
Fish Hatchery	41	1	2015	Mh8 Aw2	25.0	18.0	10.0	0.0	0.0	0.0	10.0
Fish Hatchery	41	2	2015	Ms9 Aw 1	25.0	21.5	18.0	6.0	0.0	0.0	24.0
Fish Hatchery	41	3	2015	Pr5 Aw3 Sw1 Mh 1	25.0	26.9	4.8	8.4	0.0	0.0	13.2
Fish Hatchery	41	4	2015	Pw8,Sw1Cb1		33.4	3.5	10.5	6.5	0.0	20.5
Fish Hatchery	41	6	2015	Ms5Aw2Bd1Po1Ab1		31.2	10.0	11.0	6.0	2.0	29.0
Fish Hatchery	41	7	2015	Sw6Aw3Oh1	26.5	24.6	6.7	6.0	0.0	0.0	12.7
Fish Hatchery	41	7	2015	Sw6Aw3Oh1	26.5	24.6	6.7	6.0	0.0	0.0	12.7
Fish Hatchery	41	8	2015	Mh7,Cw3		22.7	4.0	2.0	0.0	0.0	6.0
Fish Hatchery	41	9	2015	Pw7,Mh1,Bd1,Aw1	28.0	36.8	4.0	2.0	7.0	2.0	15.0
Fish Hatchery	41	10	2015	Pw7, Pr2, Cb1	30.0	43.9	0.0	4.0	7.3	4.7	16.0
Fish Hatchery	41	11	2015	Mh6,Oh4(Be,Id,Aw,Ea,Cb,Bn)	29.5	35.3	5.3	3.7	7.0	2.3	18.3
Fish Hatchery	41	12	2015	Mh5 Be 2 Cb 1 Sw1 OH1 (Aw, Id)	28.0	28.7	6.4	6.4	2.4	0.4	15.6

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #42 Lueck Mill

Municipality: Township of Chatsworth
Former Township: Sullivan Township
Civic Number: 236143 Concession Road 2B
Lot: Part Lot 27 and Lot 28
Conc: 2 WGR
Area: 31.2 ha (77.1 acres)

General Description and History:

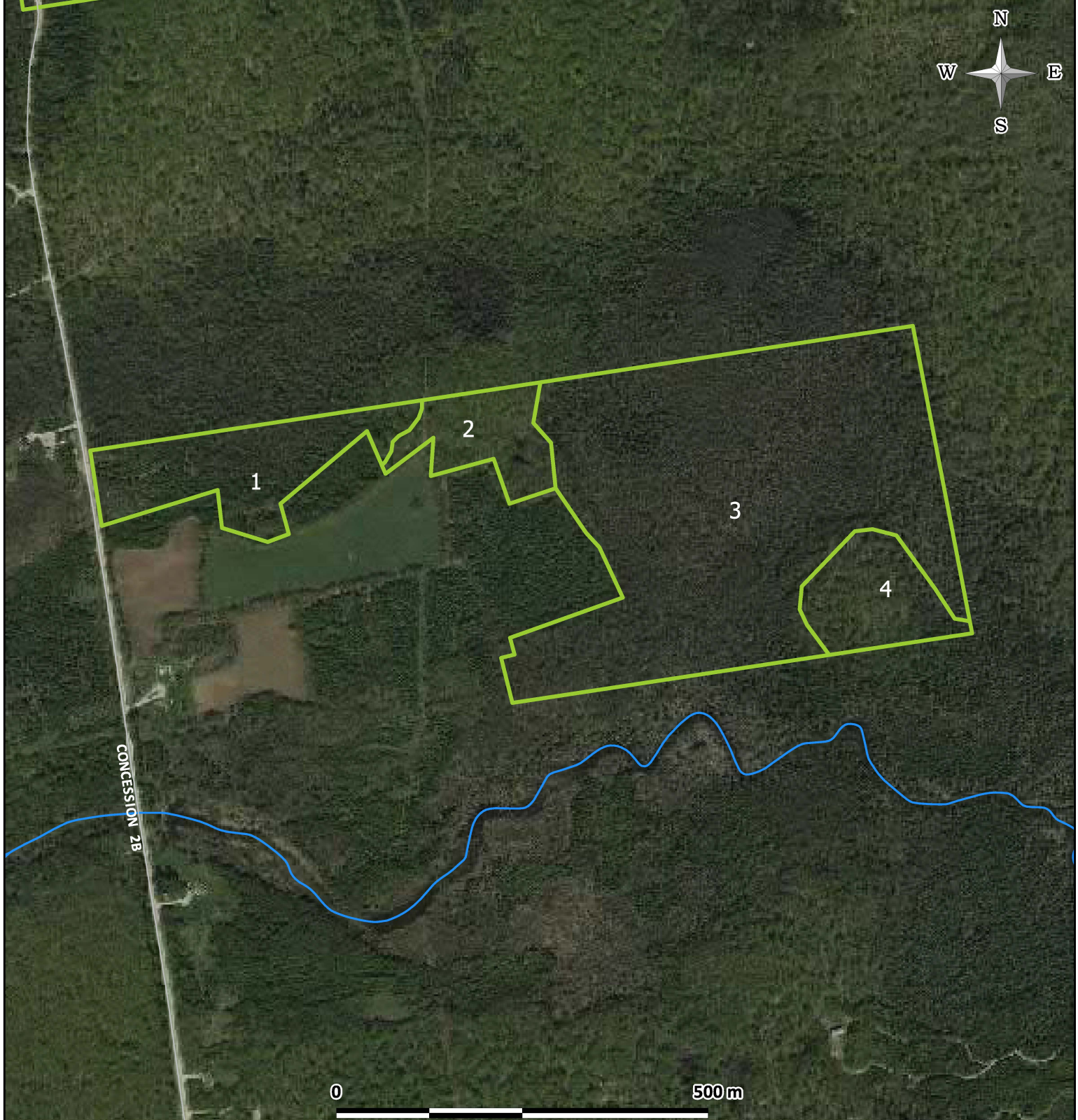
This property was purchased in 1954 and consists of mostly lowland hardwoods with two small upland hardwood stands, which occur in the middle of the property and on the east side of the property, respectively.

Limited available management records indicate that that a hardwood stand improvement cut operation occurred in the 1990's.






In 2006, a harvest operation removed 108 trees for 11,130 fbm from Stand #4. No harvest prescription records are available. The operator accessed the property from the neighbouring property to the east.

Management plan:

This property is to be designated as a no management area due to access issues.



Grey County Forest Management Plan
Lueck Mill Tract - # 42
236143 & 236113 Concession 2B
Township Of Chatsworth

-  Forest Stands
-  Roads
-  Watercourses
-  Trails
-  Bruce Trail
-  Growth and Yield Plot Locations
-  (Other Forest Tract)

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Table A1-40
Grey County Forest Management Plan
Compartment 42: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Lueck Mill	42	1	2018	Cw6Mh1Ms1By1OC1 (He Sw Id Cb Ab)	14.0	26.0	19.0	13.5	3.5	0.0	36.0
Lueck Mill	42	2	2018	Mh8Aw2 (Bd)	26.0	33.7	9.0	5.0	9.0	3.0	26.0
Lueck Mill	42	4	2018	Mh7Cb1He1Aw1 (Ms Id)	20.0	28.2	9.3	14.7	3.3	0.0	27.3

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #43 Sullivan Klondyke

Municipality: Township of Chatsworth
Former Township: Sullivan Township
Civic Number: 176151 Concession Road 6
Lot: Part Lot 13
Conc: 5
Area: 40.5 ha (100 acres)

General Description and History:

This property was purchased in 1954 and planted with white pine and white spruce shortly afterwards on 5.6 Ha. The rest of the property is upland tolerant hardwoods.

In the 1970's the white pines were pruned up to 12 feet. In the 1990's the white pines pruned up to 17 feet. In the late 1990's the plantations were thinned for the first time. In 2007, a thinning operation removed 288 stems to produce 59 cord.

In 2015, the property was marked and tendered again but failed to sell.

No management records are available for the hardwood stand prior to 2018. In 2018, the hardwood stand was marked and tendered. In preparation for the Emerald Ash Borer, 428 ash trees were removed along with 30 maple and 2 Black cherry for a total of 52,208 fbm and 1267 fuelwood trees yielding 252 cord.

There is a good access road that passes through the property that is part of the Ontario Federation of Snowmobile Clubs (OFSC) trail system.

Management plan:

The plantations have been thinned to the stage that they are no longer going to be managed as plantations. The entire property will be managed as a tolerant hardwood stand with a small component of conifer. The next entry is scheduled for 2033



Grey County Forest Management Plan
Sullivan Klondyke Tract - # 43
176151 Concession 6
Township Of Chatsworth
Roll # 42043200011710000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-41
 Grey County Forest Management Plan
 Compartment 43: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Sullivan Klondyke	43	3	2015	Cb3 Sw2 Pw2 Po1 Ea1 (Bd Aw)	17.3	29.8	10.0	14.0	2.7	2.0	28.7
Sullivan Klondyke	43	2	2015	Pw4 Sw2 Aw1 Cb1 By1 Mh1 (Id Ea Bd Po)	22.0	31.3	9.7	7.3	8.0	1.0	26.0
Sullivan Klondyke	43	2	2015	Pw4 Sw2 Aw1 Cb1 By1 Mh1 (Id Ea Bd Po)	22.0	31.3	9.7	7.3	8.0	1.0	26.0
Sullivan Klondyke	43	2	2015	Pw4 Sw2 Aw1 Cb1 By1 Mh1 (Id Ea Bd Po)	22.0	31.3	9.7	7.3	8.0	1.0	26.0
Sullivan Klondyke	43	1	2015	Mh5 Aw3 Cb1 Bd1 (Id By Be Bn)	21.0	29.2	9.0	10.2	4.1	0.5	23.7

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #44 Massie

Municipality: Municipality of Meaford
Former Township: Sydenham Township
Civic Number: 497294 Concession Road 6 South
Lot: North Half Lot 5
Conc: 7
Area: 40.0 ha (98.8 acres)

General Description and History:

This property was purchased in 1956 and approximately one-third of the property was subsequently planted with white pine and white spruce.

In the late 1980's the white pines were pruned to 17 feet.

In 2001, Lands and Forests Consulting noted that the white pine had been thinned however, no record of this is available.

In 2005, both the white pine and white spruce were thinned. This operation removed 637 stems to yield 1,641 fbm and 87 cord of pulpwood.

In 2011, The cedar stand was clear cut, producing 140 cord from 1167 stems. No cedar is regenerating on the site.

In 2015, 652 white pine produced 190 cord with a 12.6-inch average diameter. At the same time 1,160 white spruce were harvested, producing 127 cord with an 8.2-inch average diameter.

The hardwoods were harvested in the late 1990's and then again in 2013. The 2013 harvest produced 48,955 fbm and 71 cord of fuelwood from 672 stems and sold for \$43,560.

Grey Sauble Conservation Authority owns 575 acres abutting up to the property. Together these properties contain the Massie Hills Ski trails system. Trail signs and benches have been placed strategically around the property.

This property contains a portion of the provincially significant McGill Lake Life Science Area of Natural and Scientific Interest. This property is within the Niagara Escarpment Plan (NEP) area and is designated Escarpment Natural and Escarpment Rural under the NEP.

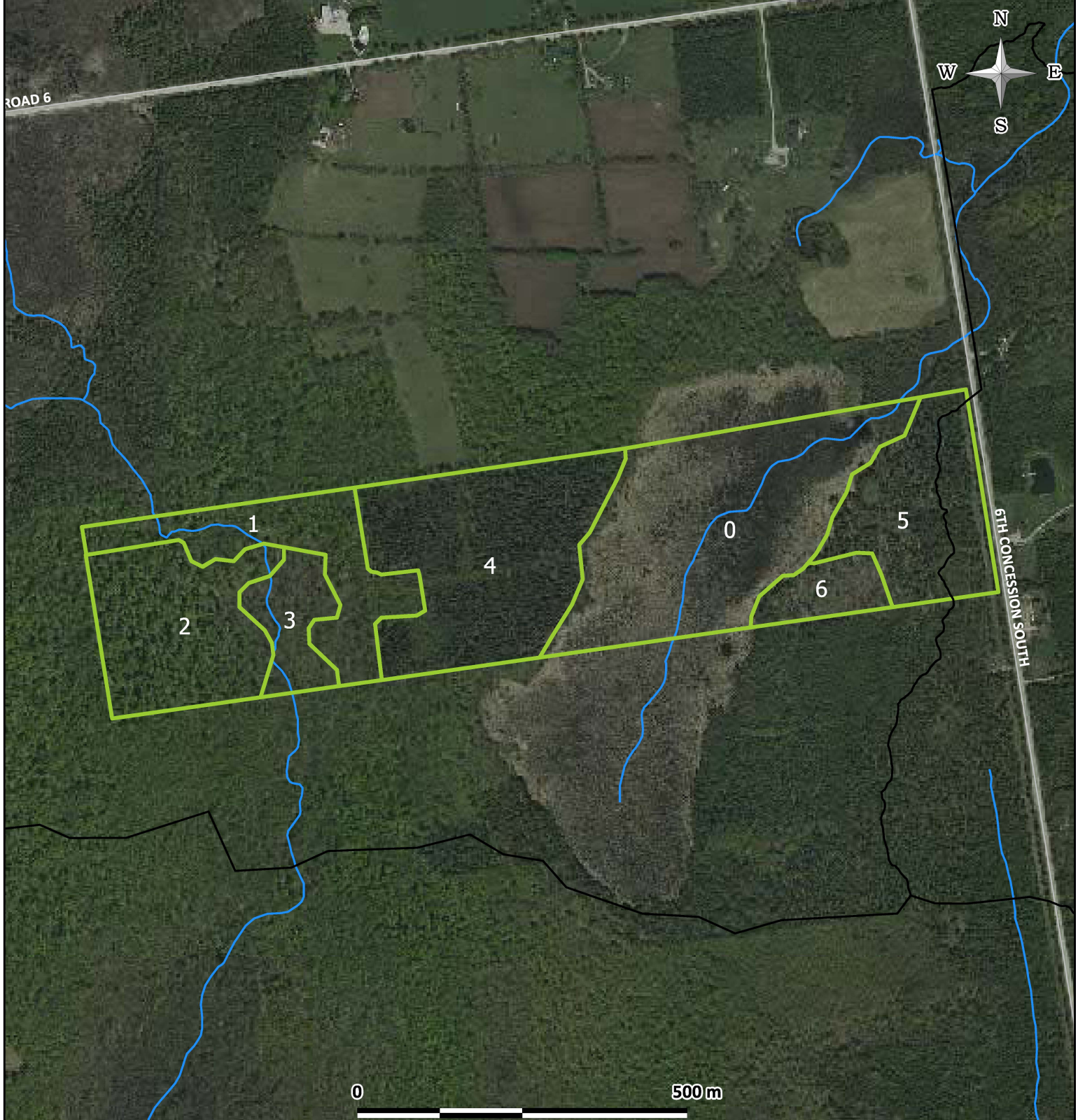
Property Condition:

This property is used very heavily for hiking, cross-country skiing, snowshoeing and hunting. There are issues with trespassing by all terrain vehicles (ATV's) and snowmobiles.

Management plan:

Every 10-years, the plantations will be selectively thinned from below until they have transitioned to a mixed wood stand.

The hardwoods will be selectively harvested using single tree or group selection on a 15-year cycle. The next entrance into the hardwood stands is scheduled for 2028.



Grey County Forest Management Plan
Massie Tract - # 44
6th Concession South
Municipality of Meaford
Roll # 42105100050960000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-42
Grey County Forest Management Plan
Compartment 44: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Massie	44	5	2017	Pw5 Cw2 Aw1 Mh1 OH1 (Cb Sw Ea)	21.8	32.1	11.0	11.0	12.0	2.3	36.3
Massie	44	6	2017	Mh5,Aw3,Cb2	18.0	23.7	9.0	6.0	0.0	0.0	15.0
Massie	44	4	2017	Sw9 OH1 (Cb Po)		25.9	13.0	17.0	0.5	0.0	30.5
Massie	44	1	2017	Mh5 Cb3 Id1 OH1 (Aw Bw By Bn Bd Ab Po)		26.0	16.4	10.4	5.2	0.4	32.4
Massie	44	2	2016	Mh9OH1 (Id Be Cb)	25.0	42.8	2.4	6.0	8.8	10.0	27.2

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #45

Sunny Valley

Municipality: Municipality of Meaford
Former Township: Sydenham Township
Civic Number: 063389 Sunny Valley Road
Lot: Part Lots 2, 3, and 4
Conc: 10
Area: 120.0 ha (296.5 acres)

General Description and History:

This property consists of three blocks separated by half lots. The properties were purchased in 1953, 1954 and 1955. In the late 1950's and again in the 1970's, ten hectares were planted with white pine and white spruce. The rest of the property is predominantly upland hardwoods with some cedar stands and wetland areas. A portion of the provincially significant Marshall Lakes wetland occurs on all three of these properties.

The plantations were pruned in the 1970's and 1980's up to 17 feet. The first record of any thinning operations occurred in 2008. The 2008 operation harvested 1008 trees producing 8,765 fbm and 135 cord.

In 2014 another 453 trees were removed producing 153 cord.

Cedar post were cut out in the 1950's. In 2005, strip cuts were conducted, removing 1,576 stems for 203 cord.

In 2010 another series of strip cuts removed 786 stems producing 72 cord.

A blowdown in 2010 necessitated a salvage cut that produced almost 8,500 fbm and \$6,500 in revenue.

The hardwoods on the north section were harvested in 2008, removing 1,641 stems and producing 25,380 fbm and 272 cord of fuelwood.

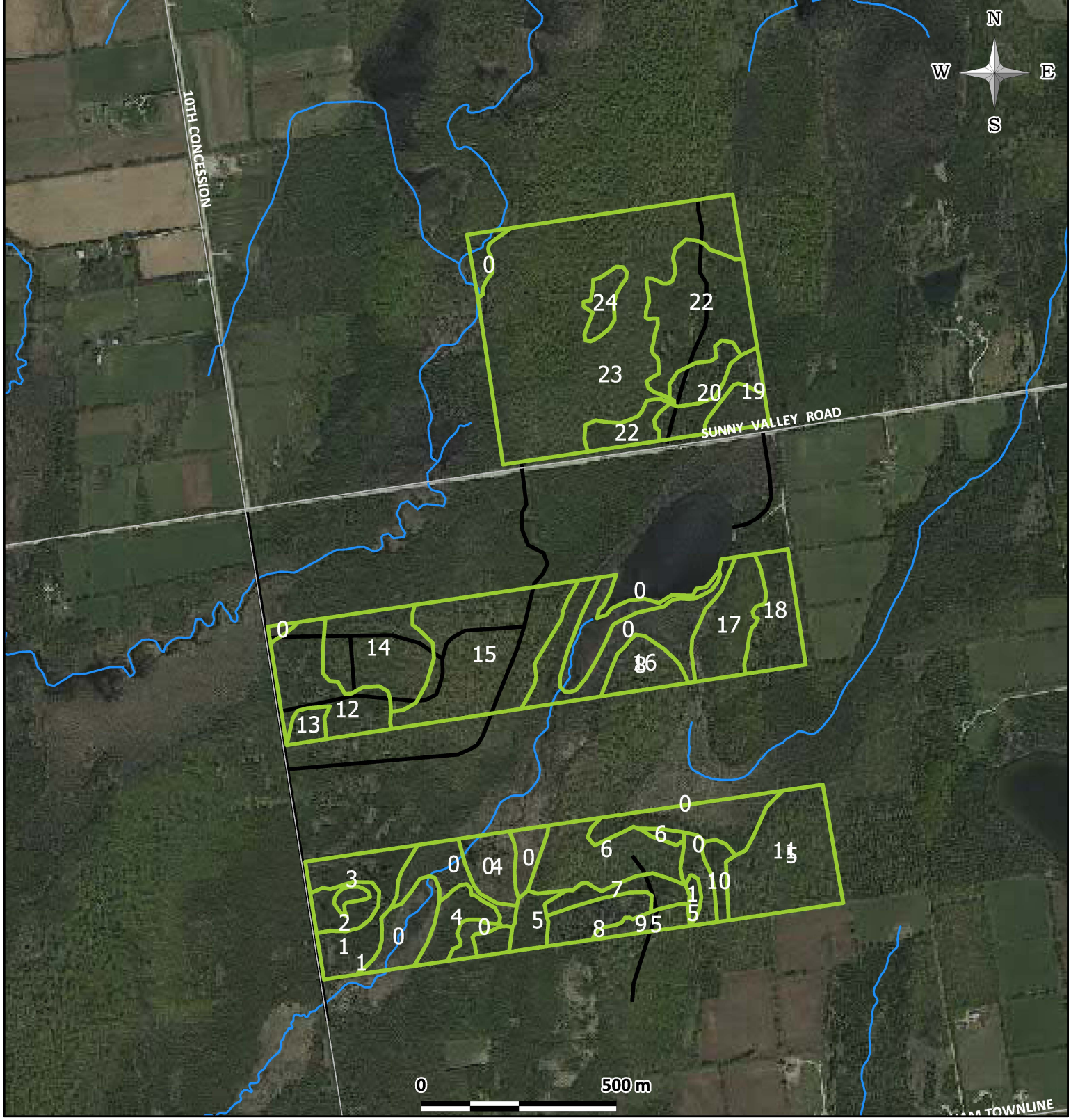
In 2017, the hardwoods in the middle property were harvested. This operation removed 892 stems and produced 15,068 fbm and 136 cord of fuelwood.

The hardwoods in the southern section were slated for harvest in 2018 however the tender failed to sell.

Management plan:

The plantations will be thinned in 2024.

The hardwoods in the northern section will be assessed for harvesting in 2023. However, it is anticipated that these trees will not be ready for harvest at that time. The middle section will be assessed for harvesting in 2032. The southern section will be assessed for retendering or remarking in 2023.



Grey County Forest Management Plan
Sunny Valley Tract - # 45
63389 & 63350 Sunny Valley Rd
Municipality Of Meaford

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-43
Grey County Forest Management Plan
Compartment 45: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Sunny Valley	45	18	2015	Pw9Oh1	20.0	38.7	3.2	4.4	13.6	1.6	22.8
Sunny Valley	45	14	2016	Mh6 Aw2 Be1 OH1 (Bd Cb He Id Po)	25.0	31.5	8.3	10.7	5.7	1.7	26.3
Sunny Valley	45	20	2016	Cw9 OH1 (Ab Po Aw)		23.3	18.0	11.0	0.0	0.0	29.0
Sunny Valley	45	21	2016	Pw5 Aw2 Cw1 Ea1 (Pr Bw)		32.9	4.0	13.0	6.0	1.0	24.0
Sunny Valley	45	22	2016	Cw6 Sw1 Mh1 Ab1 Aw1 (Po Id Bw)		19.8	22.0	5.7	0.7	0.0	28.3
Sunny Valley	45	22	2016	Cw6 Sw1 Mh1 Ab1 Aw1 (Po Id Bw)		19.8	22.0	5.7	0.7	0.0	28.3
Sunny Valley	45	23	2016	Mh6 Cb1 Aw1 OH2 (Po Id Bw Bd Ab)		22.3	14.5	4.6	1.2	0.5	20.8
Sunny Valley	45	16	2016	Mh8 Be1 Aw1	26.0	36.2	3.0	5.0	6.0	4.0	18.0
Sunny Valley	45	17	2016	Mh8 Aw1 Cw1 (Bw Id)	16.0	20.6	18.0	6.7	0.0	0.0	24.7
Sunny Valley	45	18	2016	Pw7 Aw2 Po1 (Cb Bf)	22.8	33.2	5.3	8.7	10.7	0.0	24.7
Sunny Valley	45	11	2016	Mh4 Aw2 Be2 Bd1 OH1 (Cb By Id He)	19.6	31.4	8.9	11.4	8.6	0.9	29.7
Sunny Valley	45	12	2016	Cw8 Mh1 Sw1 (Aw Cb Bw)		24.8	27.6	16.4	2.0	0.8	46.8
Sunny Valley	45	13	2016	Cw10	6.0	12.6	38.0	0.0	0.0	0.0	38.0
Sunny Valley	45	10	2016	He5 By2 Mh1 Id1 Aw1	12.0	20.4	14.0	6.0	0.0	0.0	20.0
Sunny Valley	45	9	2016	Mh7 Aw3	16.0	20.5	30.0	12.0	0.0	0.0	42.0
Sunny Valley	45	8	2016	Pw7 Aw2 OH1 (Mh Cw)	24.0	35.0	3.0	9.0	13.0	0.0	25.0
Sunny Valley	45	7	2016	Sw5 Mh2 Cw2 Aw1	16.7	27.9	12.0	11.0	1.0	3.0	27.0
Sunny Valley	45	6	2016	Mh8 Aw1 OH1 (Id Be By Po)	20.8	28.3	8.4	14.4	3.6	0.0	26.4
Sunny Valley	45	6	2016	Mh8 Aw1 OH1 (Id Be By Po)	20.8	28.3	8.4	14.4	3.6	0.0	26.4
Sunny Valley	45	5	2016	Cw10 (Mh By)	7.5	19.9	34.0	11.0	0.0	0.0	45.0
Sunny Valley	45	5	2016	Cw10 (Mh By)	7.5	19.9	34.0	11.0	0.0	0.0	45.0
Sunny Valley	45	5	2016	Cw10 (Mh By)	7.5	19.9	34.0	11.0	0.0	0.0	45.0
Sunny Valley	45	1	2016	Cw10 (Aw)	10.5	20.5	55.0	15.0	0.5	0.0	70.5
Sunny Valley	45	2	2016	Cw5 Pw4 Ap1	9.0	24.5	18.0	20.0	0.0	0.0	38.0
Sunny Valley	45	3	2016	Mh5 Po3 Aw2	16.0	29.2	14.0	4.0	2.0	4.0	24.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Grey County Property: Compartment #46

Farden Lake

Municipality: Municipality of West Grey
Former Township: Glenelg Township
Civic Number:
Lot: 20
Conc: 9
Area: 40.5 ha (100 acres)

General Description and History:

This property was acquired through donation in January 2017. It consists of a lake, plantations, upland hardwood, cedar and conservation land.

The lake known as Farden Lake is unique in that it has no inlet, only fed by underground springs. This property contains portions of the provincially significant Traverston Creek wetland feature.

The plantations were established in 1973 and consist of white spruce, red pine and white pine.

In 1985, the white pines were pruned up to eight feet.

In 2007, the first thinning of the red and white pine plantations occurred. In 2014, the second thinning occurred.

The hardwood stand was harvested in 1920. Between 1920 and 1996 the landowner removed firewood for personal use.

In 1996, fifty-three bush cords were removed. In 2012, a light improvement cut was conducted.

Management plan:

The plantations will require thinning in 2024.

The hardwoods are expected to be ready for harvest in 2027.



Grey County Forest Management Plan
Farden Lake Tract - # 46
Sideroad 8 & Concession 40
Municipality of West Grey
Roll # 42052200030470000000

- Forest Stands
- Roads
- Watercourses
- Trails
- Bruce Trail
- Growth and Yield Plot Locations
- (Other Forest Tract)

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Table A1-44
Grey County Forest Management Plan
Compartment 46: Stand Inventory

Compartment Name	Comp Number	Stand Number	Inventory Year	Species Composition	Average Height	Average Diameter	Polewood BA	Small Log BA	Medium Log BA	Large Log BA	Total BA
Krug	46	2	2014	Mh6Aw2Cb1Po1 (Id Be By Ea Cw Bd)	21.8	30.9	12.6	14.6	7.1	3.1	37.4
Krug	46	1	2017	Cw8OH2 (Aw Mh Po BF Bd Ea Ab Ms Ps Wi Pw Cb	10.1	22.5	37.6	12.9	3.3	0.4	54.2
Krug	46	3	2017	Cw9Mh1 (Ea Be)	11.2	21.7	41.0	11.0	2.5	0.5	55.0
Krug	46	4	2017	Cw4Bf2By2He1Ab1 (Po Ms)	15.0	23.6	14.0	10.0	1.0	0.0	25.0

Note: Tree Species Composition Codes are defined in Tables A1-45a and A1-45b

Table A1-45a
Grey County Forest Management Plan
Tree Species Code Legend

Species Code	Common Name	Scientific_name
Ab	Black Ash	Fraxinus nigra
Ag	Green Ash	Fraxinus pennsylvanica
Al	Large-tooth Aspen	Populus grandidentata
Ald	Alternate-leaved Dogwood	Cornus alternifolia
Am	Mountain Ash	Piptocarpha tetrantha
Ao	Autumn Olive	Elaeagnus umbellata
Ap	Wild Apple	Malus sp.
Aq	Blue Ash	Fraxinus quadrangulata
Ar	Red Ash	Fraxinus pensylvanica
At	Trembling Aspen	Populus tremuloides
Aw	White Ash	Fraxinus americana
Ba	Black or European Alder	Alnus glutinosa
Bb	Blue Beech	Carpinus caroliniana
Bd	Basswood	Tilia americana
Be	American Beech	Fagus grandifolia
Bf	Balsam Fir	Abies balsamea
Bg	Dwarf White Birch	Betula minor
Bj	Juneberry(Serviceberry)	Amelanchier sp.
Bn	Butternut	Juglans cinerea
Bp	European White Birch	Betula pendula
Bs	Snowberry	Symphoricarpos sp.
Bt	Buckthorn	Rhamnus sp.
Bw	White Birch	Betula papyrifera
By	Yellow Birch	Betula alleghaniensis
Cb	Black Cherry	Prunus serotina
Cc	Choke Cherry	Prunus virginiana
Ch	Highbush Cranberry	Viburnum opulus
Cp	Pin Cherry	Prunus pensylvanica
Cr	Eastern Red Cedar	Juniperus virginiana
Cw	White Cedar	Thuja occidentalis
Dg	Grey Dogwood	Cornus racemosa
Dr	Red Osier Dogwood	Cornus sericea
Ds	Silky or Swamp Dogwood	Cornus amomum
Ea	American Elm	Ulmus americana
Eb	Black Elderberry	Sambucus nigra
Er	Red Elderberry	Sambucus racemosa
Es	Slippery Elm	Ulmus rubra
Eu	Rock Elm	Ulmus thomasii
Ga	Green Alder	Alnus viridis
Gb	Ginkgo Tree	Ginkgo biloba
Gt	Honey Locust	Gleditsia triacanthos
Hb	Bitternut Hickory	Carya cordiformis
Hc	Horse Chestnut	Aesculus hippocastanum
He	Eastern Hemlock	Tsuga canadensis
Hk	Hackberry	Celtis sp.
Ho	Honeysuckle	Lonicera sp.
Hs	Shagbark Hickory	Carya ovata
Ht	Hawthorn	Crataegus sp.
Hz	Beaked Hazel	Corylus cornuta
Id	Ironwood	Carpinus caroloniana
Jc	Common Juniper	Juniperus communis
Kk	Kentucky Coffee Tree	Gymnocladus dioicus
La	Tamarack	Larix laricina
Lb	Black Locust	Robinia pseudoacacia
Lc	Common Liliac	Syringa vulgaris
Ld	Dahurian Larch	Larix gmelinii
Le	European Larch	Larix decidua
Lh	Hybrid Larch	Larix sp.
Lj	Japanese Larch	Larix kaempferi
Lk	Dunkeld Larch	Larix × marschlinsii
LI	Little Leaf Linden	Tilia cordata
Ls	Siberian Larch	Larix sibirica
Lw	Western Larch	Larix occidentalis
Ma	Amur Maple	Acer ginnala
Mb	Siberian Crab Apple	Malus baccata
Mh	Hard Maple	Acer nigrum
Mm	Manitoba Maple	Acer negundo
Mn	Norway Maple	Acer platanoides
Mp	Striped Maple	Acer pensylvanicum
Mr	Red Maple	Acer rubrum
Ms	Silver Maple	Acer saccharinum
Mt	Mountain Maple	Acer spicatum or Acer glabrum
Nb	Nannyberry	Viburnum lentago

Table A1-45b
Grey County Forest Management Plan
Tree Species Code Legend

Species Code	Common Name	Scientific_name
Ob	Burr Oak	Quercus macrocarpa
Obl	Black Oak	Quercus velutina
OC	Other Conifer	
OH	Other Hardwoods	
Op	Pin Oak	Quercus palustris
Or	Red Oak	Quercus rubra
Os	Shumard Oak	Quercus shumardi
Osw	Swamp Oak	Quercus bicolar
Ow	White Oak	Quercus alba
Pa	Austrian Pine	Pinus nigra
Pb	Balsam Poplar	Populus balsamifera
Pc	Carolina Poplar	Populus canadensis
Pd	Cottonwood	Populus deltoides
Ph	Hybrid Poplar	Populus sp.
Pj	Jack Pine	Pinus banksiana
Pl	Plum	Prunus americana
Pm	Mugho Pine	Pinus mugo
Po	Poplar	Populus sp.
Pos	Silver Poplar	Populus alba
Pp	Pitch Pine	Pinus rigida
Pr	Red Pine	Pinus resinosa
Ps	Scots Pine	Pinus sylvestris
Pw	White Pine	Pinus strobus
Ro	Russian Olive	Elaeagnus angustifolia
Rt	Staghorn Sumac	Rhus typhina
Sa	Speckled Alder	Alnus incana
Sb	Black Spruce	Picea mariana
Sc	Colorado Spruce	Picea pungens
Sk	Koyama Spruce	Picea koyamae
Sn	Norway Spruce	Picea abies
Sq	Squash Berry	Viburnum edule
Sr	Red Spruce	Picea rubens
Ss	Sassafras	Sassafras albidum
Sw	White Spruce	Picea glauca
Sy	Sycamore	Platanus occidentalis
Tp	Tulip Tree	Liriodendron tulipifera
Wb	Black Walnut	Juglans nigra
We	Weeping Willow	Salix babylonica
Wi	Willows	Salix sp.
WI	Laurel Willow	Salix pentandra
Ww	White Willow	Salix Alba
Ya	American Yew	Taxus canadensis