Attachment #13
Report #09-2020

GREY SAUBLE CONSERVATION AUTHORITY

Forest Management Plan

January 1, 2018 – December 31, 2037

APPROVAL PAGE

Moved by:

Seconded by:

Motion #:

Carried.

_____ _____

Cathy Little, Chair **Date:**

Note: Above motion approved at the Full Authority Meeting on.

Authored by:

_____ _____

Date:

EXECUTIVE SUMMARY

The Grey Sauble Conservation Authority's (GSCA) forests cover almost 23,000 acres of its almost 29,000 acres of land, and span parts of Grey and Bruce Counties ranging from Collingwood westward to Sauble Beach, and from north of Wiarton southward through Meaford, Georgian Bluffs, Owen Sound, Town of the Blue Mountains and large portions of the municipalities of Grey Highlands, Chatsworth and Arran-Elderslie. These forested lands are over 10 percent of all the forested lands owned by Ontario's 36 Conservation Authorities.

This Forest Management Plan (FMP) was created following the framework of sustainable forest management set out in the GSCA Forest Management Policy, which includes commitments to communication, forests classification, inventories, identification of properties and areas for preservation, sustainable harvesting and how performance will be measured.

This FMP systematically sets out GSCA's forest stands, their habitats and geographic characteristics and environmentally sensitive areas. It also contains forest management history, information about the types, sizes and distribution of trees (the inventory) and based on expected growth the areas targeted for sustainable harvesting annually over the next 20 years.

GSCA's sustainable harvesting involves avoiding sensitive areas and properties, maintaining different sizes of trees and habitat trees, and marking each individual tree to be harvested. This leaves about 48% of GSCA's total land base available for management, or on average about 700 acres annually, mounting to about 900 acres through this plan as younger forests mature.

While each year GSCA completes detailed stand inventories and surveys for Species at Risk in areas slated for harvest, new data is limited for those that are predicted to be harvested after 2023. Staff also looked to use growth prediction methodologies and while these show promise this plan generally uses the 15-year cutting cycle in silvicultural standards.

While this document offers an essential 20-year view of GSCA's intentions and expectations, and annual decisions and stakeholder input will be considered to confirm each year's forest tenders. Factors could include whether it makes sense to package multiple properties for efficiency or economic viability, the desire of the forest industry to access certain species, climate-change related growth change, and disease or insect outbreaks.

This FMP will be reviewed in about five years, which pending continued staff funding will correlate with finalizing a forest stands inventory. The Ministry of Natural Resources and Forestry also requires submission every 10 years to maintain reduced property tax rates under the Managed Forest Tax Incentive Program.

Considering GSCA's recent forest tender bids, using this plan the annual income will average about $90,000. Other income from forestry consulting and tree and planting sales supplements GSCA's three- to four-person professional, skilled and experienced Forestry Department. Given that there is overall about 43 percent tree cover across GSCA's watershed, and the over-clearing of trees in other parts of southern Ontario, GSCA's forestry expertise is strategically important to the public, municipalities, the Board of Directors and others.

Acknowledgments

For forest management planning to be effective the experience, values and knowledge of many individuals must be brought together to build a vision for the future of the forest. Thank you to everyone who contributed their insights and thoughts to this plan.

GSCA wishes to thank the many people who have contributed to this Forest Management Plan as well as previous versions of this plan.

Some of these people include:
Anne Lennox, R.P.F., Retired Forestry and Species Coordinator, Grey Sauble Conservation Authority;
Cam Bennett, Forest Technician, Grey Sauble Conservation Authority;
Gloria Dangerfield, GIS/Database Coordinator, Grey Sauble Conservation Authority;
Lee Thurston, Forest Technician, Grey County; and
The numerous students who have worked to gather inventory information and who have provided value field data.

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SECTION 1: Plan Administration

1.1 Introduction

The Grey Sauble Conservation Authority (GSC) was established by an Order-in-Council on January 1, 1985, following the amalgamation of the North Grey Region and Sauble Valley Conservation Authorities. The North Grey Region and Sauble Valley Conservation Authorities were established under the Conservation Authorities Act in 1957 and 1958, respectively. GSC's mission is to, in partnership with the stakeholders of the watershed, promote and undertake sustainable management of renewable natural resources and to provide responsible leadership to enhance biodiversity and environmental awareness. The area over which GSC has jurisdiction covers 3,146 square kilometres (1,215 square miles) and encompasses all or parts of eight municipalities in Grey and Bruce Counties. GSC's Property History Information may be found in Appendix A.

1.1.1 Plan Preparation Details

This Forest Management Plan (FMP) defines the Desired Outcomes for all GSC lands and will guide the forest management activities over the next twenty-year period (January 1, 2018 – December 31, 2037). The Desired Outcomes and strategies presented in this FMP will apply to all properties where management is considered appropriate.

The forest management operations planned for each property over the next 20 years are described in Section 10 of this Plan. An Annual Tendering Plan will be prepared at the start of each year, and an Annual Report will be prepared at the end of each year to track the progress of operations. The revenues generated from forest management activities are used to offset the expenses of GSC's forestry program. Any surplus revenue will be placed in a forestry reserve and may be used to address GSC Board of Director's priorities.

1.2 Property Owner Information

Registered Property Owner

GSC is the sole participant in this FMP and is the registered owner of the properties listed in this Plan.

Name:	Grey Sauble Conservation Authority
Address:	237897 Inglis Falls Road, R.R. 4 Owen Sound, ON N4K 5N6
Phone:	(519) 376-3076
Fax:	(519) 371-0437
Web-site:	www.greysauble.on.ca

SECTION 2: Property Location Information

2.1 Location and General Description

GSC has jurisdiction over 3,146 square kilometres (1,215 square miles) of land and water. There are five major watersheds, including the Beaver, Bighead, Sydenham, Pottawatomi, and Sauble Rivers along with many smaller watersheds (known as Lake Fringe watersheds) that drain directly into Georgian Bay or Lake Huron. Included in GSC's jurisdiction are 155 kilometres (96 miles) of Lake Huron/Georgian Bay shoreline, approximately 5,165 hectares (12,763 acres) of land within the Niagara Escarpment planning area, and all or parts of seven rural municipalities within Grey and Bruce Counties plus the City of Owen Sound. Figure 1 outlines GSC's sub-watershed boundaries plus Municipal boundaries and other watershed features.

GSC currently owns 11,567 hectares (28,584 acres) of land. Most properties were purchased with grants provided by the Provincial government and donations from private individuals or non-Government organizations. GSC properties are also indicated in Figure 1.

2.1.1 Property Tax Programs

There are several property tax programs that provide GSC with either partial or complete tax relief.

2.1.1.1 Managed Forest Tax Incentive Program

The Managed Forest Tax Incentive Program (MFTIP) is a voluntary program, administered by MNRF, which offers a reduction in property tax to forest owners who agree to be good stewards of their land. The goal of this program is to bring greater fairness to the property tax system by valuing forest land according to its current use. The eligible portion is taxed at 25 percent of the municipal tax rate set for residential properties. To qualify, landowners must prepare and follow a 10-year Managed Forest Plan, submitted with an Activities Report every five years.

GSC has 5,234 hectares (12,930 acres) of land eligible for the MFTIP program. GSC employs qualified staff – Managed Forest Plan Approvers (MFPA's) who can prepare and approve Managed Forest Plans.

2.1.1.2 Conservation Land Tax Incentive Program

The Conservation Land Tax Incentive Program (CLTIP) is a voluntary program, administered by MNRF, which offers a tax exemption to landowners who agree to protect the natural heritage values identified on their property. Lands eligible for this tax classification include Provincially Significant Wetlands (PSW's), provincially significant Areas of Natural and Scientific Interest (ANSI's), areas designated as Escarpment Natural in the Niagara Escarpment Plan, Endangered Species Habitat, and lands owned by eligible charitable conservation organizations or conservation authorities.

Grey Sauble has 5,838 hectares (14,420 acres) of land currently eligible for the CLTIP program. Some land eligible for CLTIP is designated Forest Management in this FMP. These areas are moved from CLTIP to MFTIP following management activities, according to CLTIP policy.

2.1.1.3 Farm Property Class Tax Rate Program

The Farm Property Tax Class Rate Program is a voluntary program, administered by the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA). Farm properties that meet the eligibility requirements will have farmland and associated outbuildings placed in the farm property class and are taxed at up to 25 percent of the municipal residential tax rate. An application for inclusion in the Farm Property Class Tax Rate Program must be approved by OMAFRA.

Grey Sauble has 197 hectares (487 acres) of agricultural land on eleven different properties. These properties are leased to local farmers for cropping or pasturing purposes and are eligible for the Farm Property Class Tax Rate Program through the farmers who rent these lands.

Appendix B summarizes the property tax program each property is participating in.

2.1.2 Federal, Provincial and Local Policies and Regulations

GSC properties contain many features that are regulated by federal, provincial, and local policies and regulations. GSC will adhere to provincial and federal legislation and regulations, including the Assessment Act (1990), the Forestry Act (1990), the Fisheries Act (RSC, 1985), the Fish and Wildlife Conservation Act (1997), the Endangered Species Act (2007) and the Professional Foresters Act (2000).

Locally, GSC will abide by the Grey County Forest Management By-law # 4341-06 and the Bruce County Forest Conservation By-law # 4071.

2.1.2.1 Other Legislation

There are other acts and regulations that may also be relevant, including the Planning Act (1990), Public Lands Act (1990), the Lakes and Rivers Improvement Act (1990), and the Conservation Authorities Act (2017). Permits may be required under any of these acts prior to undertaking forest management activity.

2.2 Physiography

Both glacial and non-glacial landforms are represented in the GSC watershed. These landforms are indicated in Figure 1.

2.2.1 Glacial Landforms

The glaciers of the Ice Age played a major role in shaping the landscape in GSC's watershed. Materials deposited by glaciers are known as 'drift'. Drift consists of fragments of minerals and rocks that have been picked up and transported by a glacier (Tovell, 1992). Till is unstratified drift or sediment that was deposited in direct contact with glacial ice without the intervention of water. Stratified drift is sediment of glacial origin that is deposited by waters from melting ice. Stratified drift contains large deposits of sand and gravel that are commercially valuable. Erratics are large igneous rocks that have eroded out of drift and are very conspicuous in both fields and forests in this area.

Meltwater was released from glaciers as they retreated, both from within the glacier and along its base. Eskers are snake-like ridges of sand and gravel left by meltwater channels from sub-glacial rivers. Glacial streams formed such features as limestone plains, sand plains, drumlins, moraines, kames, and eskers. In areas where meltwaters were trapped, fine sediments were deposited forming clay plains. Portions of the Kolapore Uplands are part of the Gibraltar Moraine and the Banks Moraine.

Drumlins are streamlined hills of glacial drift that have their long axis parallel to the flow of a former glacier. Drumlins tend to occur in fields. They generally face in a NW-SE direction. At the upstream end of the glacier, the slopes are steeper, and at the downstream end, they are narrower with more gentle slopes. There are many drumlin fields in the Sauble River and Bighead River watersheds.

Kettles are closed circular depressions that were formed because of buried blocks of ice which eventually melted. Kettles usually contain water and can be found in several areas of GSC's watershed. The Robson Lakes Management Area contains kettles.

2.2.2 Non-glacial Landforms

The Niagara Escarpment is a non-glacial landform that is a dominant feature of GSC's watershed. In Southern Ontario, the Niagara Escarpment runs for 725 kilometres from Queenston on the Niagara Peninsula to Tobermory at the tip of the Bruce Peninsula (Tovell, 1992). At Tobermory, the escarpment goes underwater and re-surfaces on Manitoulin Island.

In some places, the escarpment is hidden by glacial deposits that create a rolling, hilly topography. In other areas it is broken by large valleys known as re-entrants that were created in the past by erosion from rivers. The Beaver Valley, through which the Beaver River flows, is a large re-entrant valley in GSC's watershed.

The escarpment is capped by an erosion-resistant rock called dolomite, which breaks off after the softer rock underneath, (shale, sandstone and limestone) has eroded away. Adjacent to the base of the escarpment are shale plains where the overlying protective covering has been removed and exposed the more erodible rock underneath. These shale plains have been covered with coarse materials from ancient lakes.

2.2.3 Karst Topography

Karst topography is another prominent land feature within the GSC watershed. Karst is formed by the dissolution of soluble rocks such as limestone, dolomite and gypsum. Underground drainage and sinkholes are common with this type of landform. The Wodehouse Management Area (Sinkhole property) and several GSC properties in the former Keppel and Amabel Townships exhibit Karst topography.

2.3 Soils

The soils found in GSC's watershed are all the result of glacial action, weathering processes, type of bedrock, and drainage. Soil type, depth, nutrient levels, and drainage all play an important part in determining the vegetation that will grow on a site. Appendix C indicates the most common soil types found in this area plus the associated topography and drainage for each one. This information was provided by OMAFRA. Soil surveys for Bruce and Grey Counties were initially completed in 1954. They have both since been updated with Bruce County being completed in 1975 and Grey in 1981.

The most common soil series found on GSC properties include Harkaway loam, Osprey loam, Pike Lake loam, Vincent silty clay loam, Dunedin clay loam, Plainfield sand, Breypen – shallow soils over bedrock, Bottomland, and Muck.

2.4 Hydrology

The GSC watershed contains five major river systems – Beaver, Bighead, Sydenham, Pottawatomi, and Sauble Rivers. These watercourses comprise approximately 70% of GSC's watershed area. The remaining area is made up of numerous smaller watersheds that empty directly into Georgian Bay or Lake Huron. The watercourses in the GSC watershed are indicated in Figure 1.

The Beaver River, located at the east end of the watershed, is approximately 65.3 km in length and has a drainage area of approximately 609 square kilometres. The Beaver River travels from headwater areas in the Municipality of Grey Highlands (former township of Osprey), over the escarpment at Eugenia Falls, through the Beaver Valley lowlands, and into Georgian Bay at Thornbury. The gradients on the Beaver River vary from 2.08 – 17.76 m/km. The Beaver River has a shallow man-made reservoir on it, known as Lake Eugenia. This reservoir was created for a Hydro-electric Power Commission Plant in the Beaver Valley below the escarpment. Wodehouse Creek, Mill Creek and the Boyne River are some of the main tributaries on the Beaver River, but there are many unnamed ones as well.

The Bighead River has a drainage area of approximately 343 square kilometres and is 42.3 km in length. From the headwaters south of Grey Road 40 in the former Holland Township, the Bighead River flows through Bognor and into Georgian Bay at Meaford. The gradients on the Bighead River vary from 3.26 – 8.05 m/km.

The Sydenham River originates in Williams Lake near Holland Centre. It travels northward over the escarpment at Inglis Falls and into Georgian Bay at Owen Sound. The Sydenham River is 34.4 km in length and has a drainage area of about 206 square kilometers. The gradients vary from 2.52 – 47.37 m/km.

The Pottawatomi River has a drainage area of approximately 99 square kilometers and is 17.9 km in length. It originates in the former Derby Township and flows northeast over the escarpment at Jones Falls and into Georgian Bay on the west side of Owen Sound. Gradients vary from 1.23 – 10.32 m/km.

The Sauble River is the largest river system in GSC's watershed with a total drainage area of 963 square kilometers. The main Sauble River originates near Desboro and is 81.7 km in length. It flows northward into Lake Huron at the north end of Sauble Beach. The gradients vary from 0.53 – 3.64 m/km. Many tributaries including Grimston Creek, Keady Creek, Tara Creek, Arkwright Creek, Parkhead Creek, Spring Creek, and several unnamed creeks all flow into the Sauble River as it winds its way northward. The Rankin River is another major tributary of the Sauble River which flows south through Isaac, and Boat Lakes and joins the Sauble River upstream of Sauble Falls. It is 23.9 km in length and has gradients which vary from 0.06 – 6.5 m/km.

2.5 Climate

There are three basic climatic regions in the GSC's watershed, these being the Lake Huron / Georgian Bay Region, the Huron Slopes Region, and the Dundalk Upland Region (Brown et al., 1980). The Huron Slopes is the widest band which takes in most of GSC's watershed between the coastal regions and the Dundalk Uplands. The Dundalk Upland Region includes the highlands in both the Town of The Blue Mountains and the Municipality of Grey Highlands.

The Lake Huron / Georgian Bay Region includes the Bruce Peninsula and a narrow band along the shores of Lake Huron and Georgian Bay. The climate here is moderated by these large waterbodies. This area is characterized by altitudes of 213 m above sea level. The mean annual temperature is 7° Celsius, and extreme temperatures may reach a low of -37° Celsius and a high of 39° Celsius. The growing season starts around April 15th and ends around November 5th, and the mean annual length of the growing season is about 205 days. The mean annual frost-free period is 150 days, the mean annual precipitation is about 84 cm, and the mean annual snowfall is 254 cm.

The Huron Slopes Region is characterized by altitudes of 335 m above sea level. The mean annual temperature is 6.6° Celsius, and extreme temperatures may reach a low of -41° Celsius and a high of 39° Celsius. The growing season starts around April 17th and ends around October 31st. The mean annual length of the growing season is 195 days, and the mean annual frost-free period is 135 days. The mean annual precipitation ranges from 81-99 cm, and the mean annual snowfall is 279 cm.

The Dundalk Upland Region is characterized by elevations of 488 m above sea level. The mean annual temperature is 5.5° Celsius, and extreme temperatures may reach lows of -32° Celsius and highs of 33° Celsius. The growing season starts around April 20th and ends around October 25th. The mean annual length of the growing season is 190 days, and the mean annual frost-free period is 115 days. The mean annual precipitation is 69 cm and the mean annual snowfall is 254 cm.

GSC's watershed is located within Site Region 6E and contain the Ecodistricts 6E-2, 6E-4 and 6E-5. Site Regions are areas that have similar potential biological production, based on climate modified by landforms and proximity to the Great Lakes. Ecodistricts are further subdivisions of a Site Region based on patterns of physiographic features that distinguish larger areas from one another.

2.6 Values

A value is defined as "a benefit or condition of the forest that is linked to a specific geographic area, that could be of interest from various points of view, and which may need to be protected as a result of timber management activities" (OMNR, 1996). There are many values throughout GSC's watershed. These areas include, but are not limited to, the Niagara Escarpment, Areas of Natural and Scientific Interest, wetlands, old growth forests, interior forests, steep slopes, springs, seeps, woodland pools, riparian areas and the Lake Huron/Georgian Bay shoreline. These areas provide valuable wildlife habitat and help to maintain ecological functions and processes. These areas are described in more detail in Section 7.

SECTION 3: History of Forest Management

3.1 History of Forest Management in Grey and Bruce Counties

Grey and Bruce Counties were surveyed between 1831 and 1855, and pioneer settlements soon followed. Much of the upland area was forested with sugar maple (*Acer saccharum*), American beech (*Fagus grandifolia*), white elm (*Ulmus americanan*), white ash (*Fraxinus americana*), basswood (*Tilia americana*), and eastern hemlock (*Tsuga canadensis*) trees and lesser amounts of red oak (*Quercus rubra*) and eastern white pine *(Pinus strobus*) trees. The lowland areas contained spruce (*Picea sp.*), tamarack (*Larix laricina*), black ash *(Fraxinus nigra*), and dense eastern white cedar (*Thuja occidentalis*) swamps. In many instances, the forests were burned to clear the land for agriculture regardless of its suitability for growing crops.

The wood provided early settlers with lumber for building homes, barns, and sheds; veneer for the furniture industry; maple syrup; firewood; and potash for the lye trade. Since wood was considered so abundant, there was little thought given to sustainable forest management. Many forests were 'high graded', a practice where the highest quality trees were removed leaving behind a stand of poor quality trees. When the best quality trees are always taken, a forest becomes degraded over time.

The markets for firewood, masts, tanbark, lathwood, and staves fluctuated depending upon local demands for these products (Lambie, 1980; Tennant, 1980). The price for timber to produce these

products also varied over the years. As the prices went up, the level of harvesting increased and vice versa.

3.1.1 Tree Cutting By-Laws

Grey and Bruce Counties have each passed tree cutting By-laws which restrict and regulate the harvesting and destruction of trees within their respective counties. Bruce County Council passed their Forest Conservation By-Law No. 4015 on May 8, 2003 and updated it in 2004 with Forest Conservation By-Law No. 4017. Grey County Council passed their Forest Management By-Law No. 4129-04 on November 28, 2006 and updated it on May 6, 2008 with Forest Management By-Law No. 4341-06. Although these by-laws allow diameter limit cutting, they also provide an option for landowners to choose sustainable forestry practices. Under MFTIP, diameter limit harvesting is not a permitted activity. Diameter limit harvesting is the practice of harvesting all merchantable trees above a specified diameter. For many reasons, it is not considered a sustainable method of forest management.

Sustainable forestry practices mean silvicultural activities conducted in ways that enable the stand to maintain ecological processes and wildlife habitats as well as grow healthy plants (OMNR, 2000).

3.2 History of Forest Management on GSCA Properties

3.2.1 Agreement Forest Program

The Agreement Forest Program was a program coordinated by the MNRF on behalf of the landowner. Agreement Forest properties were purchased with provincial grants provided under the Forestry Act (RSO, 1990). Through the Forestry Act (RSO, 1990) regulations, these properties were managed primarily for forestry purposes by MNRF foresters and forest technicians, although other uses included the provision of fish and wildlife habitat, recreational opportunities, and the protection of water supplies to prevent floods and erosion. Most open areas were planted to trees.

GSCA originally had approximately 4,395 hectares (10,859 acres) under the Agreement Forest Program. In 2005, the management agreement governing the Agreement Forests of GSCA ceased.

The MNRF prepared a 20-year management plan for the management of all GSC land under the Agreement Forest Program. While under this agreement, MNRF undertook all management activities on Agreement Forest properties. However in 1995, the Provincial government cutbacks resulted in GSCA taking over the management of these lands.

3.2.2 Properties Managed by GSC

Since 1985, GSC has gradually increased the amount of forest management being carried out on their properties. Prior to 1985, tree marking services were provided by MNRF on properties not managed under the Agreement Forest Program. After that point, GSC hired forestry staff to complete forest management work on properties that were not part of the Agreement Forest Program. Forest management plans written by GSC staff were approved by the forester at the Owen Sound MNRF District office until 1995. GSC's History of Management is provided in Appendix D.

3.2.2.1 Reforestation

When GSC properties were purchased, especially under the Agreement Forest Program, any open land was immediately planted to trees. White or red pine, white or Norway spruce, and European larch were the most commonly planted species. Survival in these early plantations was very good, except in pockets of poor drainage or areas susceptible to white pine blister rust (*Cronartium ribicola*).

3.2.2.2 Tending Activities

Tending activities included tree girdling in hardwood stands and pruning in plantations to improve quality or control insect problems such as white pine weevil (*Pissodes strobi*) or disease problems such as white pine blister rust.

3.2.2.3 Harvesting Activities

Most GSC properties have had one or more improvement thinning or harvesting operations since their purchase. All harvesting activities recorded in the files have been added to GSC's forest management database.

Table 1, on the next page, provides a summary of the volumes and revenues for all known forest management activities on GSC land from 1985 – 2019. This table reflects the changes in market values for both firewood and sawlogs over this period.

Table 1: Historic Revenue from GSC's Forests

Year Sold	Total Area Marked (acres)	Total # of Cords Marked	Total # of Board Feet Marked (fbm)	Revenue ($)* - Firewood (Cords)	Revenue ($)* - Sawlog Board Feet (fbm)	Total Revenue ($)* (Cords & fbm)	$ / Acres (Cords & fbm)
1985	381.00	504.00	863,237.00	9,580.00	114,025.00	123,605.00	324.42
1986	141.00	463.15	18,932.00	8,828.00	2,650.00	11,478.00	81.40
1987	122.00	93.00	147,446.00	1,645.00	32,000.00	33,645.00	275.78
1988	203.00	562.00	92,519.00	10,865.00	15,032.00	25,887.00	127.52
1989	126.00	693.00	19,700.00	13,488.00	2,682.00	16,370.00	129.92
1990	143.00	560.36	52,590.00	14,280.04	12,256.00	26,849.08	187.76
1991	140.00	226.00	73,188.00	5,316.16	16,400.00	21,787.47	155.62
1992	476.00	1,147.00	432,792.00	24,063.00	100,800.04	130,823.96	274.84
1993	522.00	1,371.00	94,864.00	28,118.00	21,412.71	50,179.33	96.13
1994	583.00	2,825.00	188,257.00	56,951.80	97,415.88	155,281.90	266.35
1995	303.00	1,276.00	3,613.00	27,151.00	1,564.90	29,737.30	98.14
1996	193.00	448.70	401,302.00	7,448.44	218,749.79	239,433.87	1,240.59
1997	384.00	4,807.05	406,503.00	14,345.08	315,589.75	347,712.12	905.50
1998	327.20	942.30	47,189.00	16,467.48	37,562.40	57,656.79	176.21
1999	253.00	976.79	56,502.30	15,554.75	16,544.52	33,926.46	134.10
2000	478.40	1,598.39	415,186.00	25,041.30	419,541.94	470,602.77	983.70
2001	351.20	770.00	331,914.00	12,775.00	350,722.92	364,997.70	1,039.29
2002	374.50	451.00	466,892.00	13,056.00	383,894.40	396,987.02	1,060.05
2003	593.80	2,788.11	342,905.86	47,780.40	255,328.00	303,108.40	510.46
2004	395.56	886.15	537,937.31	12,921.35	596,253.65	609,175.00	1,540.03
2005	243.85	929.08	67,054.48	25,755.40	44,625.40	70,193.43	287.85
2006	309.60	1,388.06	231,028.29	31,476.00	118,958.00	150,434.00	485.90
2007	1,168.67	3,570.75	926,293.20	74,218.80	474,796.97	549,014.27	469.78
2008	331.00	1,294.00	198,410.00	38,570.00	107,166.00	145,236.00	438.78
2009	722.04	2,329.80	309,988.00	89,460.00	76,879.95	166,339.95	230.37
2010	509.60	1,814.58	389,927.00	56,710.41	302,126.33	363,028.14	712.38
2011	358.16	2,055.56	137,765.90	73,152.00	47,633.00	120,785.00	337.24
2012	298.40	1,189.66	71,509.44	44,066.35	36,090.90	80,157.25	268.62
2013	373.81	1,384.67	103,759.28	44,970.75	41,124.02	86,094.77	230.32
2014	109.47	817.81	-	43,998.81	-	43,998.81	401.93
2015	404.76	1,963.68	118,387.77	65,720.34	79,530.72	145,251.06	358.86
2016	531.76	1,690.02	44,679.16	63,219.70	21,489.20	84,708.90	159.30
2017	236.31	1,212.86	118,248.16	40,994.61	92,006.69	133,001.31	562.83
2018	-	-	-	-	-	-	-
2019	310.33	1,757.63	42,833.71	80,090.00	27,700.00	107,790.00	347.34
Total	**12,398.42**	**46,787.16**	**7,753,353.86**				

3.2.2.4 Forest Protection

GSC has had to deal with numerous insect and disease issues over the years. Defoliating insects such as forest tent caterpillar (*Malacosoma disstria*), Bruce spanworm (*Operophtera bruceata*), gypsy moth

(*Lymantria dispar*) and Pine false webworm (*Acantholyda erythrocephala*) have caused damage and mortality in forest stands throughout the watershed. Aerial spray programs were initiated on a few occasions to control insect outbreaks as required. Diseases such as Beech Bark Disease and Butternut canker (*Ophiognomonia clavigignenti-juglandacearum*) have had negative effects on GSC's forests. Diseased trees are targeted for removal during forest management operations, except in the case of Butternut (*Juglans cinerea*), which is protected under the Endangered Species Act (2007).

3.2.2.5 Invasive Species

Invasive species are a growing environmental and economic threat to Ontario. Invasive species are defined as harmful alien species whose introduction or spread threatens the environment, the economy, or society, including human health (OMNR, 2012). Second to habitat loss, invasive species have been identified by the International Union for Conservation of Nature as the most significant threat to biodiversity (IUCN, 2000).

The species outcompete and displace native species from their habitats. Invasive plants are often prolific seed producers, can spread by underground roots and re-sprout after being disturbed. They can quickly colonize an area and permanently alter the landscape. They can have a negative impact on wildlife populations by disrupting native habitats. Invasive pests have had devastating impacts on our natural areas. Invasive pests disrupt forest ecosystems and negatively impact wildlife habitat. Invasive diseases are destroying valuable trees that many wildlife species depend on for food. Once established invasive species are difficult or impossible to control and restoration efforts are expensive and time consuming. Some invasive species have been here for decades but the negative impacts of these on our ecosystems are only now being recognized and understood. Prevention is the best tool. Surveys are completed prior to management operations to identify and map invasive species. GSC has attempted to control some populations of invasive species such as garlic mustard (*Alliaria petiolate*) and wild chervil (*Anthriscus sylvertris*) through manual pulling, cutting or herbicide applications. Table 2, on the next page, lists the known invasive plants, insects and diseases that may be found in the GSC watershed.

Table 2: Invasive Species found within GSCA Watershed

	Common Name	**Scientific Name**
Plants	Manitoba maple	*Acer negundo*
	Norway maple	*Acer platanoides*
	Scotch Pine	*Pinus sylvestris*
	Russian Olive	*Elaeagnus angustifolia*
	Autumn Olive	*Elaeagnus umbellate*
	Black locust	*Robina pseudoacacia*
	Tartarian, Amur, Morrow, Bells & European Fly Honeysuckle	*Lonicera tatarica, L. maackii, L. morrowii, L x. bella, L. xylosteum*
	European Common Reed	*Phragmites australis subsp. australis*
	Purple Loosestrife	*Lythrum salicaria*
	English Ivy	*Hedera helix*
	Goutweed	*Aegopodium podagraria*
	Periwinkle	*Vinca minor*
	Miscanthus	*Miscanthus sinensis & M. sacchariflorus*
	Japanese knotweed	*Polygonum cuspidatum*
	Giant Hogweed	*Heracleum mantegazzianum*
	Garlic Mustard	*Alliaria petiolata*
	Dog Strangling Vine	*Cynanchum rossicum & C. Nigrum*
	Common & Glossy Buckthorn	*Rhamnus cathartica & R. Frangula*
	Wild Chervil	*Anthriscus sylvestris*
	Wild Parsnip	*Pastinaca sativa*

	Coltsfoot	*Tussilago farfara*
	Lily-of-the-Valley	*Convallaria majalis*
	Rough Mannagrass	*Glyceria maxima*
Insects	Emerald Ash Borer	*Agrilus planipennis*
	Asian Longhorned Beetle	*Anoplophora glabripennis*
	Sirex Woodwasp	*Sirex noctilio*
	Pine False Webworm	*Acantholyda erthrocephala*
	Larch Casebearer	*Coleophora laricella*
	Beech Scale	*Cryptococcus fagisuga*
	Satin Moth	*Leucoma salicis*
	Pine Shoot Beetle	*Tomicus piniperda*
	Gypsy Moth	*Lymantria dispar*
Diseases	Butternut Canker	*Sirococcus clavigignenti-juglandacearum*
	Dutch Elm Disease	*Ophiostoma novo-ulmi*
	White Pine Blister Rust	*Cronartium ribicola*
	Oak Wilt	*Ceratocystis fagacearum*
	Beech Bark Disease	*Neonectria faginata*

3.2.2.6 Forest Fire Management

The potential for forest fires in southern Ontario is much lower than in northern Ontario due to a higher proportion of broadleaf or deciduous forests in this area as opposed to coniferous forests. Historically, there were some major forest fires in southern Ontario as forests were cleared and the land was settled. Today, municipal fire departments are responsible for fighting fires within their boundaries.

3.2.2.7 Access

Access to GSC properties is usually good, via township roads. Access is poor on properties that are located along unopened road allowances or where there are swamps along township roads. It is occasionally necessary to gain access to a property through a neighbour's property.

Most properties have well established interior road systems as a result of past harvesting activities, but some properties that are difficult to access or have not been managed previously do not have interior roads at all. On many GSC properties, road systems were improved by exchanging wood products for upgrading or establishing new roads.

3.2.2.8 Recreation

GSC properties provide many opportunities for a wide variety of recreational activities including hiking, nature appreciation, cross-country skiing, snowmobiling, mountain biking, hunting, fishing, swimming, and picnicking.

3.2.2.9 Trails

The Bruce Trail, the oldest and longest marked hiking trail in Canada, is more than 890 km long, starting at Queenston near Niagara Falls and running to Tobermory. This significant trail system has helped increase awareness of the unique and rich diversity of the Niagara Escarpment and was instrumental in the Niagara Escarpment being named an UNESCO World Biosphere Reserve. The Bruce Trail Conservancy, a charitable, membership based, volunteer organization, maintains this trail through its nine Bruce Trail clubs. Members of the Beaver Valley, the Sydenham, and the Peninsula Bruce Trail Clubs maintain sections of the Bruce Trail which pass through GSCA's watershed and properties. Over 34 percent of the Bruce Trail is within the GSCA watershed.

3.2.2.10 Permitted Uses on GSC Lands

On GSC lands, permitted activities are regulated through the Conservation Authorities Act (1990) and the Trespass to Property Act (1990) and their regulations. Each property is posted with a sign indicating the activities that are permitted on that property. Activities that are not listed on the sign are prohibited. Designated staff are trained and appointed as Provincial Offences Officers to enforce the regulations.

Foraging of wild foods is a growing trend within Southern Ontario. This activity involves individuals going out into nature and removing edible plants and fungus from an area for consumption. This practice has been shown to be extremely destructive to local plant populations due to several factors. These include, but are not limited to, overharvesting and slow reproductive rates.

GSC permits a variety of uses on its properties including picnicking, nature appreciation, photography, hiking, walking, snowshoeing, fishing (in accordance with provincial regulations) and cross-country skiing.

According to GSC's Conservation Area regulations, motorized vehicles such as ATVs, dirt bikes and off-road vehicles are not a permitted use. These vehicles can cause significant environmental damage and can disrupt wildlife activity, especially during the nesting season.

3.2.2.11 Monitoring GSC Lands

Between planned forest management operations, GSC staff will work to monitor properties to ensure no unlawful trespassing or damage takes place. Staff will plan to visit each property at least once every three years to ensure no damage or trespassing has taken place.

3.3 Importance of GSCA Properties to the Surrounding Landscape

GSC's properties provide many benefits to the surrounding landscape. They provide important connecting corridors between ecologically valuable areas. These corridors allow wildlife to move between their different habitats and protect environmentally sensitive features. The variety of forest cover types and wetlands provides habitat for a wide range of wildlife including many species at risk. Grey Sauble's properties provide wildlife with natural sources of food, water, and shelter. The large forested tracts of land also provide important forest interior habitat.

With its diverse mix of landforms and features, the GSC watersheds is an attractive place to live or visit. An excellent range of recreational activities are available including golfing, fishing, sailing/ boating, and cross-country/downhill skiing. GSC properties are a vital part of this attraction, providing the public with a wide variety of recreational opportunities such as hiking, nature appreciation, wildlife viewing, picnicking, hunting, fishing, and swimming. GSC's properties help to support the local economy through the forest industry and tourism.

GSC's properties also provide many ecological goods and services that are now being recognized as very valuable in supporting the health and wellness of the local communities. Carbon sequestration, flood and erosion prevention, protection of water resources, biodiversity and species protection are just some of the natural goods and services that healthy forests provide. GSC's forests also provide many educational opportunities to the public which increases awareness of the importance of a healthy environment.

It was estimated in 2017 that if monetized, the ecological value provided by GSC's properties exceeds $72 million per year.

SECTION 4:Vision and Desired Outcomes

4.1 Vision

GSC's Vision is:

A healthy watershed environment in balance with the needs of society.

Healthy, diverse forest ecosystems support this vision and provide ecological, social and cultural, and economic benefits.

4.2 Desired Outcomes

4.2.1 Performance Measures

The following chart shows examples of possible measurements of success in achieving the Desired Outcomes from the FMP.

Desired Outcome	Performance Measure Options
Healthy and Enough Forests and Habitats	1) Area of Forest interior habitat found within GSC properties 2) % of Managed Forest area with an ideal Basal Area (BA) Distribution
Support for Economic Development and Community Needs	1) Annual value of forest product contracts with forest industry 2) Annual volume of wood products harvested
Species Protection and Protection from Invasive Species	1) Percent of sustainably harvested area where SAR and IS inventories documented prior to forest management operations 2) Amount of area (or #) of IS controlled and/or treated

4.2.2 Other Desired Outcomes

Other Desired Outcomes that are supported by this FMP and Forest Management activities include:

- Recreation / Healthy Living Opportunities;
- Healthy Groundwater, Stream and Lake Conditions;
- Identify and Protect Conservation Lands; and
- Healthy Wetland Conditions and Enough Wetlands.

Each of the Desired Outcomes are important to GSC and forest management activities will protect and enhance these desired outcomes. Sustainable forest management will result in achieving the desired outcomes based on the performance measures.

4.3 Management Strategies to Achieve Desired Outcomes

4.3.1 Management Strategies to Achieve Healthy and Enough Forests and Habitats

Improve the health and diversity of GSC's forests, and the habitats they provide, to maintain native forest species populations. Activities are conducted to:

- Monitor and report on the extent, connectivity, and current condition of GSC's forests,
- Carry out Forest Management activities to improve forest health, and
- Identify, maintain and/or enhance wildlife habitats.

4.3.2 Management Strategies to Achieve Support for Economic Development and Community Needs

Support the local economy and forest-related industry through the management and sale of forest products. Activities are conducted to:

- Use forest management practices to produce a sustainable yield of wood products;
- Provide opportunities for local businesses to work in GSC's forests and to buy wood products; and
- Generate revenue for current and future conservation activities.

4.3.3 Management Strategies to Achieve Species Protection and Protection from Invasive Species

Ensure native species and Species at Risk (SAR) are protected and the spread of Invasive Species (IS) is controlled. Activities are conducted to:

- Identify SAR that live on GSC lands and protect them and their habitats,
- Identify IS on GSC lands, and prioritize actions to control them.

4.3.4 Management Strategies to Achieve Other GSC Desired Outcomes

4.3.4.1 Recreation / Healthy Living Opportunities

Provide opportunities for the public to enjoy recreational and healthy living activities on GSC properties.

4.3.4.2 Healthy Groundwater, Stream and Lake Conditions

Ensure all activities conducted within GSC properties protect and, where possible, enhance the quality of groundwater, stream and lake conditions.

4.3.4.3 Identify and Protect Conservation Lands

Identify, acquire and manage properties containing environmentally significant areas, special/rare features, and natural and cultural heritage sites.

4.3.4.4 Healthy Wetland Conditions and Enough Wetlands

Monitor and protect wetland areas found within GSC properties.

SECTION 5:Summary of Forest Inventory

5.1 Forest Inventory Methodology

5.1.1 Historic Inventory Methodology

The inventory of GSC lands began with properties which were eligible for MFTIP. Once the initial MFTIP plan was completed, GSC continued the inventory process on the remaining area. The inventory was completed in early 2002. As new properties are acquired, they are inventoried. A complete summary of GSC's inventory is presented by property in Appendix E.

Under MFTIP, GSC properties were grouped by assessment roll number for each township and county. This grouping has been provided as part of this plan for ease of administrative reporting for the MFTIP program; however, for forest management planning purposes, GSC properties are presented alphabetically by Main Management Area. These Main Management Areas are groupings of properties that are located near each other and have similar management goals. Therefore, Main Management Areas will contain one or more unique roll numbers (parcel of land). Each property was assigned a compartment name and number. Appendix F provides a complete list of compartment numbers, compartment names and acreages for each GSC property. The stands were delineated using a combination of aerial photography and field inventory data. The aerial photographs used were taken in the spring of 1991 by Airborne Sensing Corporation.

Prior to completing the field inventory, technicians used aerial photographs to plot transect lines through the property. The transect lines were spaced 100 metres apart and plots were spaced either 100 metres or 200 metres along the transect lines depending upon the forest cover type. A plot was also completed where there was an identifiable change in a stand.

A stand analysis data sheet was used for recording data in the field. Technicians noted the property location, compartment number, date, plot number and the names of the inspectors. The quality, height and age of the trees in each plot were visually estimated. Data was collected on tree species, diameter at breast height (DBH), average stand height, and merchantable sawlog length (where appropriate). Tree quality was assessed using the Acceptable Growing Stock (AGS) and Unacceptable Growing Stock (UGS) classification system.

The early and advanced tree regeneration was noted in each plot along with the shrubs present. Herbaceous vegetation was noted depending upon the timing of the inventory. Technicians also noted drainage, topography, the presence of water, and any physical features at each plot.

In regeneration areas, a circular fixed area plot of 100 m^2 (5.64 metres radius) was used. In these plots, the count of trees by species was recorded. This data was then used to determine species composition and density for the regeneration area. In some cases, a visual estimation was used when regeneration stands were very variable in density (i.e. higher numbers of trees near the seed source, and less trees further away).

Wildlife signs and/or sightings were recorded for each stand along with the presence or absence of wildlife habitat features including standing dead trees; cavity trees; stick nests; fallen dead trees (woody debris); mast trees; super canopy trees; conifer thickets; other food sources; surface water – year-round

creek or pond, seasonal run-off, or seasonal pond; and dens or dug holes. Other features identified in the field were noted.

5.1.1.1 Sampling Intensity

Due to the large amount of area to be inventoried and manpower required, the sampling intensity was variable. For most upland hardwood, mixed stands and plantations, one plot was completed per hectare. For lowland hardwood or cedar stands, one plot was completed for every two hectares. A minimum of three plots per stand was used for stands over three hectares in size. However, only one plot was completed for small stands less than three hectares in size. A metric wedge prism with a Basal Area Factor (BAF) of 2 was used in most forested stands, except young plantations where a circular fixed area plot of 200 m^2 (7.99 metres radius) was used.

All stands within each compartment were then numbered. Where a stand overlapped into another compartment, the stand was given a number and a letter code (i.e. 1a for one compartment, 1b for the second compartment), so that the stand areas could be kept separate for MFTIP purposes. Stand area was broken down according to each property tax program. All agricultural land was assigned DAL as a stand identifier.

The data from all plots within each stand were combined and then summarized into four size classes – polewood (10-24 cm dbh), small sawlog (26-36 cm dbh), medium sawlog (38-48 cm dbh), and large sawlog (50+ cm dbh). The basal area (BA) was determined for each size class as well as the stand. The age estimation in conjunction with stand height data was used to determine a site class.

The Gross Merchantable Volume (GMV) in m^3/ha was calculated for each stand. In stands with trees containing merchantable sawlog material, a merchantable log length was recorded which allowed an estimation of sawtimber volume in m^3/ha. Merchantable log lengths were not collected from stands inventoried earlier in the process.

5.1.2 Current Inventory Methodology and Stand Identification

As new aerial imagery and inventory data is obtained, GSC works to refine their stand boundaries and BA estimates. In 2016, GSC forestry staff examined every property to adjust stand boundaries based on new aerial imagery (SWOOP 2015), updated inventory data and staff experience in the field. Many stands were amalgamated or subdivided to better reflect this new information. Similar stands in adjacent compartments were assigned the same stand number but did not include a letter. As well, agricultural stands were identified with a stand number instead of DAL. For these stands, a cover type of DAL was assigned.

Staff record diameters of each individual tree, instead of grouping individual trees into one of the four size classes. Collecting data at this level allows staff to more accurately estimate diameter distribution of trees within the stand and gross merchantable volume.

5.2 Forest Cover Types

Each forest stand was assigned a cover type based on such factors as species composition, soil and drainage conditions, and natural versus planted stands. Table 3 summarizes all the forest cover types, their criteria and the corresponding total areas (acres) for each cover type that has been assigned to GSC stands.

Table 3: Forested Cover Types found within GSC Properties

Cover Type	Short Form	Description	Area (ha)	Area (ac)
Lowland Deciduous	LD	poorly drained site with >= 75% of trees being deciduous species	1,125.97	2,781.15
Upland Deciduous	UD	well drained site with >= 75% of trees being deciduous species	4,020.99	9,931.84
Lowland Coniferous	LC	poorly drained site with >= 75% of trees being coniferous species	473.56	1,169.70
Upland Coniferous	UC	well drained site with >= 75% of trees being coniferous species	943.81	2,331.20
Lowland Mixed	LM	poorly drained site with a mix of coniferous and deciduous species	1,034.60	2,555.46
Upland Mixed	UM	well drained site with a mix of coniferous and deciduous species	737.75	1,822.25
Plantation	P	artificially reforested areas with coniferous or deciduous species	1,110.80	2,743.68
		Total Area	**9,447.48**	**23,335.28**

Non-forested land and wetland areas were also assigned a cover type. Table 4 describes all the non-forested land and wetland cover types that have been assigned to GSC stands.

Table 4: Non-Forested Cover Types found within GSC Properties

Cover Type	Short Form	Description	Area (ha)	Area (ac)
Agricultural Land	DAL	area being used for agricultural purposes	194.36	480.06
Open Land	OL	open land not being used for agricultural purposes	64.19	158.56
Open Water	OW	open water	337.52	833.67
Treed Swamp	TS	poorly drained area with nearly 100% tree mortality, nutrient-rich water flowing through a substrate of mineral sediments and organic material	984.43	2,431.55
Marsh	MA	non-forested, poorly drained land with mineral based soils which are seasonally or permanently flooded; dominated by emergent, non-woody vegetation such as rushes, reeds, cat tails and/or sedges	424.42	1,048.31
Fen	FE	low-lying peat land with water at or near the surface and fed by fast moving, nutrient-rich groundwater; usually neutral or alkaline and rich in calcium; dominated by sedges and occasionally white cedar or tamarack	26.25	64.84
Bog	BO	poorly drained area with accumulation of peat derived from sphagnum moss; water is normally acidic, at or near the surface; tree cover <= 25%; dominate vegetation includes ericaceous shrubs, sedges and peat moss	8.18	20.20
Other	OTH	other land uses such as dams, parking lots, buildings, etc…	83.94	207.34
		Total Area	**2,123.29**	**5,244.53**

SECTION 6: Forestry Database and Mapping

6.1 Database Development

During the forest management planning process, a forestry database was developed by GSC staff. Although the initial development of this database was time-consuming, it has saved a considerable

amount of time, since it can be queried and used to generate reports. Data can also be accessed in our Geographic Information System (GIS) software.

GSC's forestry database was set up based on the assessment roll number for each property as a unique identifier.

For each compartment, a form contains general information about it. Another form contains details about the purchase history of the compartment. The database then goes to the stand level and divides into general stand details, inventories, management activities, and Permanent Sample Plots (PSP).

6.1.1 Form – Compartment Information

The Compartment Information form contains information which identifies the location of each property. This form contains the roll number, the compartment name, compartment number, lot, concession, municipality, and county. Space is also provided to give a description and details about access; property tax information and acreages; former agreement forest designations; the presence of signage; and the presence and length of trails.

6.1.2 Form – Purchase History

The Purchase History form contains data about the sale of the property to GSC including the vendor, instrument number, acquisition cost, grant rates, donor contributions, acreage, and registered agreements or easements. It also contains information about the taxes (as of 1995) and tax classifications; Agreement Forest properties; the presence of ANSI, Wetland, and Escarpment Natural designations; rental agreements, and master plans proposed for the property.

6.1.3 Form – Stand Information

The Stand Information form lists all the stands for each compartment and indicates the cover type, growth stage, management designation and area for each stand. From here, it is possible to look at the stand details, inventories, and management activities.

6.1.4 Form - Detailed Stand Information

The Detailed Stand Information form provides general details for each stand, including acreages by tax program, access, topography, soil type, drainage, cover type, growth stage, and management designation.

Stands are classified as Forest Management if the stand has current or future potential for forest management. A stand was classified as 'No Forest Management' if the stand was inaccessible, contained a value that needed protection, is in a Nature Preserve or did not have the potential to produce merchantable forest products. The stands that were designated as 'No Forest Management' by the Forestry Advisory Committee of 1998 are included in this latter classification.

At the stand level, there are tick boxes to indicate the presence of Permanent Sample Plots, significant species, wetlands, ANSI's, Escarpment Natural, old growth, riparian, seepage areas, SAR and IS. The tick box for wetland represents Provincially Significant Wetlands (PSW). Other wetlands were included as a growth stage.

Each stand was assigned a growth stage, these being 'open', 'regeneration', 'even-aged', 'all-aged', 'old growth' or 'wetland'. Stands were classed as regeneration when the majority of trees were less than 10

cm in diameter at breast height. Stands were classed as even-aged in second growth stands where the majority of trees were close to the same size. Stands which contained trees in all size classes were classed as all-aged. Stands which exhibit old growth characteristics including pit and mound topography, very large trees, canopy gaps, lots of down woody debris, cavity trees, snags, super canopy trees, and lots of ground cover, were classed as old growth. The open classification was assigned to areas that have no trees growing in them. A wetland category was added to account for wetlands that are not provincially significant.

The area for each stand is recorded according to the property tax program that applies to it. The property tax programs include MFTIP, CLTIP, Farm Property Class Tax Rate Program and Residential Class. The sum of each stand area equals the total area of the property.

6.2 Property Mapping

GSC generates maps using Manifold GIS.

The compartment maps identify the property boundaries, parcels and areas such as conservation lands (for instance provincially significant wetlands and/or ANSIs). The compartment maps have been arranged according to property name and may be found in Appendix G. Manifold has revealed that the areas for some GSC properties do not match the areas provided by the Municipal Property Assessment Corporation (MPAC). MPAC areas have been used for the purposes of this FMP.

SECTION 7:Values

7.1 Values

Properties owned by GSC contain many different values that contribute to achieving GSC's Vision and Desired Outcomes. Long-term enduring values may include: old growth forests, wetlands, ANSI, Niagara Escarpment features, streams, springs and seepages, woodland pools, riparian areas, steep slopes and culturally significant heritage areas. Potentially transitional values include the following, and will be updated from time to time as Forest Resource Inventories or other information becomes available: significant flora and fauna, significant recreational trails, SAR habitat or sightings, and wildlife habitat features (such as stick nests and cavity trees).

If a value may be affected by a forest management activity, an Area of Concern (AOC) can be established to protect the value. An AOC refers to an area of value to users/uses which may be affected by forest management activities (OMNR, 1996). Forest management activities will be modified or restricted to minimize and/or mitigate impacts to the value.

7.1.1 Niagara Escarpment

The Niagara Escarpment is a prominent natural feature in GSC's watershed and is designated as a UNESCO World Biosphere Reserve. The Niagara Escarpment contains many unique ecological and geological features and extends 725 kilometres from Queenston on the Niagara River north to Tobermory on the Bruce Peninsula.

GSC owns 5,536 hectares (13,680 acres) of land within the Niagara Escarpment Planning area. Of this total, 4,204 hectares (10,389 acres) are located within the Escarpment Natural Area designation. Sustainable forest management activities are scheduled in stands within the Niagara Escarpment

planning area where appropriate. The activities are conducted in a way to minimize site disturbance and to protect the values that are present. Table 5 indicates which GSC properties and their acreages which are located within the Niagara Escarpment Planning area.

Table 5: GSC Properties within the Niagara Escarpment Planning Area

Property Name	Escarpment Natural Area (ha)	Escarpment Protection Area (ha)	Escarpment Rural Area (ha)	Mineral Resource Extraction Area (ha)	Urban Area (ha)	Area (ha)
Bass Lake	221.94	159.05	-	-	-	**380.98**
Beaver Valley Lowlands	238.09	0.08	-	-	-	**238.18**
Bognor Marsh	464.80	186.54	0.24	-	-	**651.58**
Brookholm	9.15	0.87	-	-	-	**10.02**
Bruce's Caves	73.43	22.29	-	-	-	**95.71**
Colpoy's Lookout	10.64	0.77	-	-	-	**11.41**
Epping-John Muir Lookout	-	4.35	-	-	-	**4.35**
Eugenia Falls	23.22	-	0.01	-	-	**23.24**
Gowan Lake	34.48	48.54	-	-	-	**83.02**
Griersville	40.39	79.82	0.03	-	-	**120.25**
Indian Creek	14.85	-	3.26	-	-	**18.11**
Indian Falls	6.77	-	3.99	-	-	**10.76**
Inglis Falls	150.37	49.53	0.41	-	-	**200.30**
Kemble Mountain	104.74	86.16	0.01	-	-	**190.92**
Kolapore Uplands	110.63	-	4.73	-	-	**115.36**
Little Germany	486.88	54.60	4.10	-	-	**545.58**
Massie Hills	81.77		13.83	-	-	**95.60**
Old Baldy	52.53	24.47	17.08	-	-	**94.07**
Pottawatomi	86.50	29.95	2.35		0.34	**119.13**
Rob Roy	47.61	1.52	0.10	-	-	**49.23**
Robson Lakes	41.21	-	-	-	-	**41.21**
Rocklyn Creek	192.34	61.69	0.14	-	-	**254.17**
Skinner's Bluff	489.23	49.68	48.46	-	-	**587.36**
Slough of Despond	182.60	74.54	-	-	-	**257.15**
Spirit Rock	87.11	-	0.00	-	-	**87.11**
Sydenham Forest	33.11	-	-	-	-	**33.11**
Taylor St. Detention Pond	-	-	0.31	-	-	**0.31**
Telfer Creek	17.31	0.03	-	-	-	**17.34**
The Glen	676.08	67.21	107.63	0.26	-	**851.18**
Walter's Creek	18.35	47.94	0.00	-	-	**66.29**
West Rocks	87.31	0.03	1.04	-	2.17	**90.55**
Wodehouse	121.18	20.63	50.80	-	-	**192.62**
Total (ac)	**4,204.60**	**1,070.30**	**258.51**	**0.26**	**2.51**	**5,536.18**
Total (ha)	**1,702.27**	**433.32**	**104.66**	**0.10**	**1.02**	**2,241.37**

7.1.2 Area of Natural and Scientific Interest (ANSI)

An Area of Natural and Scientific Interest (ANSI) is an area of land and/or water that represents either significant geological (earth science) or biological (life science) features that are important for natural heritage protection, appreciation, scientific study or education (Riley et al., 1996). An earth science ANSI contains examples of rock, fossil and landform features. A life science ANSI features a variety of ecosystems and includes the native plants and animals and their supporting environments. Any values identified within an ANSI are protected by establishing an AOC and modifying or restricting operations. There are 19 provincially significant and seven regionally significant ANSI's on GSC properties, comprising approximately 4,008 hectares (9,901 acres). Table 6 lists the ANSI's located on GSC properties along with their corresponding acreages.

Table 6: GSC Properties containing Areas of Natural and Scientific Interest (ANSI)

Property Name	ANSI Name	Type of ANSI	Area (ha) within GSCA Property
Bass Lake	Bass Lake Escarpment	Life Science	317.66
Beaver Valley Lowlands	**Beaver Valley Lowlands**	**Life and Earth Science**	**224.06**
Boat Lake	**Sauble Falls North**	**Life Science**	**0.88**
Bognor Marsh	Bognor Marsh Escarpment	Life Science	550.87
Bruce's Caves	**Skinner's Bluff**	**Life Science**	**57.17**
Eugenia Falls	**Upper Beaver Valley**	**Life Science**	**21.41**
Fishing Islands	**Fishing Islands**	**Life Science**	**12.79**
Gowan Lake	Kemble Forest	Life Science	81.18
Gowan Lake	**Kemble Wetlands**	**Life Science**	**1.83**
Inglis Falls	Inglis Falls	Life Science	110.2
Kemble Mountain	Kemble Forest	Life Science	168.76
Kolapore Uplands	**Gilbraltar Moraine**	**Earth Science**	**14.09**
Kolapore Uplands	**Kolapore Swamp**	**Life Science**	**97.86**
Little Germany	**Kolapore Uplands**	**Life Science**	**40.5**
Massie Hills	**McGill Lake**	**Life Science**	**114.94**
Old Baldy	**Kimberley Creek**	**Life Science**	**47.56**
Rob Roy	**Pretty River Valley**	**Life Science**	**47.6**
Robson Lakes	**Lily Oak Forest**	**Life Science**	**41.06**
Robson Lakes	**Robson Lakes**	**Life Science**	**113.09**
Rocklyn Creek	Rocklyn Creek Valley	Life Science	121.58
Skinner's Bluff	**Skinner's Bluff**	**Life Science**	**451.96**
Slough of Despond	**Slough of Despond**	**Life and Earth Science**	**205.15**
St. Jean Point	**Sucker Creek**	**Life Science**	**8.08**
Sucker Creek	**Sucker Creek**	**Life Science**	**425.73**
The Glen	**The Glen**	**Life Science**	**600.24**
Walter's Creek	**Walters Creek**	**Life Science**	**108.6**
Wodehouse	Beaver Valley West Slope	Life Science	0.01
Wodehouse	**Wodehouse Creek Sinkholes and Karst**	**Earth Science**	**21.79**
*** Names in bold indicate ANSI is of provincial significance.**			

ANSI's are identified by MNRF and can be updated from time to time. The current list of ANSI's can be found at the Land Information Ontario website.

7.1.3 Wetlands

Wetlands are an important value on GSC properties. There are four types of wetlands found in this area; swamps, marshes, fens and bogs. Swamps contain woody plants, mostly trees and/or shrubs, and are periodically or permanently flooded. Swamps may contain either coniferous or deciduous tree species or a mixture of both. Dead tree swamps result when standing water kills the trees growing in the swamp. Marshes are areas with non-woody plants such as bulrushes, reeds, cattails, and other aquatic

plants. These areas may be permanently or periodically flooded. Fens are low-lying peatland areas where groundwater is discharged to the surface. These wetlands are usually alkaline and rich in calcium. Vegetation is dominated by sedges, mosses, grasses, reeds and low shrubs. Some stunted cedar or tamarack trees may also be present. Bogs are peat-filled depressions with stable water levels that contain predominantly sphagnum moss. The water is acidic and provides habitat for pitcher plants, sundews and some low shrubs or black spruce trees on drier ground.

Wetlands provide many valuable ecological functions including: habitat for a variety of fish and wildlife species, habitat for rare and endangered flora and fauna, renewing groundwater supplies, filtering contaminants and excess nutrients, trapping eroding soil, controlling flooding and reducing flooding damage, protecting shorelines against wave action, providing a source of economically valuable products, and providing recreational activities.

MNRF identifies “provincially significant wetlands” (PSWs) using a scientific point-based ranking system known as the Ontario Wetland Evaluation System (OWES). If a wetland that has been evaluated through the OWES scores enough points it is known as an “evaluated wetland”.

GSC has a large amount of swamp on their property with lesser amounts of marshes, fens, and bogs. There is a total of 2,634 hectares (6,056 acres) of swamp and 984 hectares (2,432 acres) of dead tree swamp. Marshes comprise a total of 424 hectares (1,048 acres), and fens make up 26 hectares (65 acres). There is only one small bog, 8 hectares (20 acres) in size, which is located at the Red Bay Nature Preserve. Some wetlands also contain areas of open water which do not fall into one of the four wetland types mentioned above. There are 338 hectares (834 acres) of open water on GSC properties.

In all, GSC has a total of 3,429 hectares (8,469 acres) of wetland on their properties. Table 7 lists the wetland types and corresponding acreages for each GSC property. In this table, Provincially Significant Wetlands are indicated in bold type.

Table 7: GSC Properties containing Provincially identified Wetlands

Property Name	Wetland Name	Type of Wetland	Area (ha) within GSC Property
Albemarle Brook	**Albemarle Brook**	**Swamp**	**116.4**
Arran Lake	**Arran Lake Wetland Complex**	**Swamp**	**19.51**
Bass Lake	**Indian Creek Wetland**	**Swamp**	**20.41**
Beattie Lake	**Rankin River Wetland**	**Swamp**	**1.73**
Beaver Valley Lowlands	**Beaver Valley Lowlands**	**Swamp**	**216.38**
Big Mud Lake	**Big Mud - Little Mud Lakes Complex**	**Swamp**	**126.38**
Bighead Headwaters	**Arnott Swamp**	**Swamp**	**57.25**
Black's Creek	**Eugenia Lake Wetland Complex**	**Swamp**	**151.01**
Boat Lake	**Rankin River Wetland**	**Swamp**	**332.56**
Bognor Marsh	**Bognor Marsh Complex**	**Swamp**	**112.86**
Fidler	**Shallow Lake**	**Swamp**	**1.06**
Fishing Islands	**Fishing Islands**	**Marsh**	**2.55**
Gleason Brook	**Oxenden Creek**	**Swamp**	**39.42**
Hepworth Creek	**Mountain Lake Skinners Marsh**	**Swamp**	**27.81**
Hodgins Lake	**Rankin River Wetland**	**Swamp**	**33.48**
Hodgins Lake	**Redbay Wetland Complex**	**Swamp**	**24.63**
Inglis Falls	Sydenham River Lowlands	Swamp	2.57
Isaac Lake	**Rankin River Wetland**	**Swamp**	**71.32**
Kolapore Uplands	**Kolapore Headwaters Wetland**	**Swamp**	**49.89**
Little Germany	**Little Germany Wetland Complex**	**Swamp**	**154.28**
Massie Hills	Hoath Head Wetland	Swamp	71.51
McNab Lake Bottom	**McNab Lakes**	**Swamp**	**177.79**
Pottawatomi Wetlands	**Headwaters of Pottawatomi River**	**Swamp**	**49.72**
Pottawatomi Wetlands	**Long Swamp Complex**	**Swamp**	**9.67**
Red Bay	**Redbay Wetland Complex**	**Swamp**	**11.42**
Robson Lakes	**Robson Lakes - Hamilton Creek - Lily Oak Wetland Complex**	**Swamp**	**36.39**
Shallow Lake	**Shallow Lake**	**Swamp**	**187.32**
Shouldice Wetland	**Shouldice Wetland**	**Swamp**	**18.15**
Skinner Marsh - McNab Lake	**McNab Lakes**	**Swamp**	**108.83**
Skinner Marsh - McNab Lake	**Mountain Lake Skinners Marsh**	**Swamp**	**183.26**
Skinner's Bluff	**Gleason Lake Wetland**	**Swamp**	**22.68**
Sky Lake	**Rankin River Wetland**	**Swamp**	**15.39**
Slough of Despond	Slough of Despond	Swamp	146.08
Spey River	Marshall's Lake Wetland Complex	Swamp	19.27
Spey River	**North Spey Wetland**	**Swamp**	**3.36**
St. Jean Point	**Sucker Creek Wetland**	**Swamp**	**2.95**
Sucker Creek	**Sucker Creek Wetland**	**Swamp**	**138.4**
Sucker Creek	**Swamp North of Beattie Lake**	**Swamp**	**12.42**
Sydenham Lowlands	Sydenham River Lowlands	Swamp	97.34
The Glen	**Shouldice Wetland**	**Swamp**	**322.88**
Walter's Creek	Walter's Creek Wetland	Swamp	55.37
Wodehouse	**Wodehouse Marsh Wetland**	**Swamp**	**177.24**
***Names in bold indicate Provincially Significant Wetlands**			

GSC has approximately 2,634 ha (6,506 ac) of wetlands in the Lowland Deciduous, Lowland Coniferous and Lowland Mixed cover types. Some of these areas are included in the forest management program. These areas are sensitive to disturbance. Forest management operations are scheduled when conditions are dry or when the ground is frozen.

7.1.4 Species at Risk

The Committee on the Status of Species at Risk in Ontario (COSSARO) assesses species considered to be at risk. Each year, the list of species at risk is updated as new species are assessed. This list includes both flora and fauna species. There are several categories under which a species may be listed.

Table 8: Species at Risk (SAR) Classification

Classification	Description
Extinct	Species no longer exists
Extirpated	Species no longer exists in the wild in Canada, but occurs elsewhere
Endangered	Species which face imminent extirpation or extinction
Threatened	Species is likely to become endangered if limiting factors are not reversed
Special Concern	Species is sensitive to human activity or natural events but is not endangered or threatened

Species at Risk are protected under the regulations of various Acts, including the Migratory Birds Convention Act (1994), the Fish and Wildlife Conservation Act (1997), and the Endangered Species Act (2007). Recovery plans have been prepared for some species at risk. The Natural Heritage component of the Provincial Policy Statement under Ontario's Planning Act (1990) also provides protection for the habitat of species at risk listed in regulation under the Endangered Species Act (2007). Species at risk are also protected by forest management guidelines set out by the MNRF in 'A Silvicultural Guide to Managing Southern Ontario Forests' (OMNR, 2000) and the 'Stand and Site Guide' (OMNR, 2010). MNRF maintains a list of species at risk occurring within Grey and Bruce Counties.

All forest stands scheduled for harvest operations are surveyed for SAR prior to tree marking. If a SAR (or SAR habitat) is identified, a species-specific AOC is established to protect the value. Occasionally, access to an area will be restricted or timing restrictions will be implemented to protect the value.

GSC's watershed falls within the Mixed Forest Region of Canada. Across this entire region, COSSARO lists 236 species at risk. Of these, the range maps indicate that there are 64 species at risk within GSC's watersheds or in Lake Huron and Georgian Bay. Table 9 summarizes the species at risk in this area.

Table 9: Summary of COSSARO Species at Risk in GSCA's Watersheds.

Class	Species	Scientific Name	Current Status
Amphibians	Jefferson Salamander	*Ambystoma jefferonianum*	Threatened
Birds	Yellow-breasted Chat	*Icteria virens virens*	Special Concern
	Barn Swallow	*Hirundo rustica*	Threatened
	Bobolink	*Dolichonyx oryzivorus*	Threatened
	Canada Warbler	*Wilsonia canadensis*	Special Concern
	Chimney Swift	*Chaetura pelagica*	Threatened
	Common Nighthawk	*Chordelies minor*	Special Concern

Table 9. Summary of COSSARO Species at Risk in GSCA's Watersheds. (cont'd)

Class	Species	Scientific Name	Current Status
Birds	Short-eared Owl	*Asio flammeus*	Special Concern
	Eastern Meadowlark	*Sturnella magna*	Threatened
	Golden-winged Warbler	*Vermicora chrysoptera*	Special Concern
	Hooded Warbler	*Wilsonia citrina*	Special Concern
	Red-headed Woodpecker	*Melanerpes erythrocephalus*	Special Concern
	Louisiana Waterthrush	*Seiurus motacilla*	Special Concern
	Oliver-sided Flycatcher	*Contopus cooperi*	Special Concern
	Cerulean Warbler	*Dendroica cerulean*	Special Concern
	Black Tern	*Chilidonias niger*	Special Concern
	Least Bittern	*Ixobrychus exilis*	Threatened
	Peregrine Falcon	*Falco peregrinus*	Threatened
	Loggerhead Shrike	*Lanius ludovicianus*	Endangered
	Kirtland's Warbler	*Dendroica kirtlandii*	Endangered
	Bald Eagle	*Haliaeetus leucocephalus alascanus*	Special Concern
	Henslow's Sparrow	*Ammodramus henslowii*	Endangered
	Whip-poor-will	*Caprimulgus vociferus*	Threatened
	King Rail	*Rallus elegans*	Endangered
	Yellow Rail	*Coturnicops noveboracensis*	Special Concern
	Piping Plover	*Charadrius melodus*	Endangered
Fish	Shortnose Cisco	*Coregonus reighardi*	Endangered
	Shortjaw Cisco	*Coregonus zenithicus*	Threatened
	Redside Dace	*Clinostomus elongates*	Endangered
	Deepwater Sculpin	*Myoxocephalus thompsoni*	Threatened
	Northern Brook Lamprey	*Ichthyomyzon fossor*	Special Concern
	Pugnose Shiner	*Notropis anogenus*	Endangered
Insects	Monarch Butterfly	*Danaus plexippus*	Special Concern
	West Virginia White	*Artogeia virginiensis*	Special Concern
	Hungerford's Crawling Water Beetle	*Brychius hungerfordi*	Endangered
Lichens	Flooded Jellyskin	*Leptogium rivulare*	Threatened
Mammals	Eastern Cougar	*Felis concolor couguar*	Endangered
	American Badger	*Taxidea taxus*	Endangered
	Common Grey Fox	*Urocyon cinereoargenteus*	Threatened
	Tri-coloured Bat	*Perimyotis subflavus*	Endangered
	Little Brown Myotis	*Myotis lucifugus*	Endangered
	Northern Myotis	*Myotis septentrionalis*	Endangered

Table 9. Summary of COSSARO Species at Risk in GSCA's Watersheds. (cont'd)

Class	Species	Scientific Name	Current Status
Molluscs	Rainbow Mussel	*Villosa iris*	Threatened
	Fawnsfoot	*Truncilla donaciformis*	Endangered
Plants	American Ginseng	*Panax quinquefolium*	Endangered
	Butternut	*Juglans cinerea*	Endangered
	Gattinger's Agalinis	*Agalinis gattingeri*	Endangered
	Dwarf Lake Iris	*Iris lacustris*	Special Concern
	Eastern Prairie Fringed-orchid	*Platanthera leucophaea*	Endangered
	Hill's Pondweed	*Potamogeton hillii*	Special Concern
	Hill's Thistle	*Circium hillii*	Threatened
	Houghton's Goldenrod	*Solidago houghtonii*	Threatened
	Lakeside Daisy	*Hymenoxys herbacea*	Threatened
	Pitcher's Thistle	*Cirsium pitcheri*	Endangered
	American Hart's-tongue Fern	*Asplenium scolopendrium americanum*	Special Concern
	Broad Beech Fern	*Phegopteris hexagonoptera*	Special Concern
	Tuberous Indian-plantain	*Arnoglossum plantagineum*	Special Concern
	Small White Lady's-slipper	*Cypripedium candidum*	Endangered
Reptiles	Eastern Massasauga Rattlesnake	*Sistrurus catenatus catenatus*	Threatened
	Eastern Milksnake	*Lampropeltis triangulum triangulum*	Special Concern
	Eastern Ribbonsnake	*Thamnophis sauritus*	Special Concern
	Spotted Turtle	*Clemmys guttata*	Endangered
	Blanding's Turtle	*Emydoidea blandingii*	Threatened
	Snapping Turtle	*Chelydra serpentina*	Special Concern

7.1.5 Old Growth Forests

Much of the old growth forests in Ontario were largely destroyed approximately 100-150 years ago by logging, settlers and forest fires (OMNR, 1996). Old growth forests are important for their diversity and undisturbed state. They contain more tree species in different proportions than the second growth forests of today. An old growth forest has trees of all sizes and ages, including supercanopy trees, large mature trees, and younger understory trees. There are canopy gaps created by large trees which have died and fallen over. At ground level, there are many saplings, shrubs and lots of ground cover. Old growth forests have ample decaying wood matter and organic litter which provides moist conditions in which fungi, reptiles, amphibians, invertebrates and bacteria can survive. They also exhibit pits and mounds which are formed when large trees are uprooted. Old growth forests contain snags and cavity trees which provide valuable habitat for many wildlife species. Many species are at risk because of the lack of old growth forests on the landscape. GSC has several properties that exhibit old growth conditions. Some of these forests have been designated no forest management to protect the old growth values. If a stand that is scheduled for management is determined to contain old growth features the prescription is designed to protect and enhance those old growth features.

Walker Woods Nature Preserve is an example of a property containing old growth forest traits. As such, GSC is not conducting forest management activities within this property in an attempt to preserve it in its current state.

7.1.6 Forest Interior Habitat

Forest interior habitat refers to the portion of the forest deep in the woodlot, uninfluenced by edge effects. This is typically expressed as forest habitat more than 100 m from any hard edge. (OMNR, 2011) The forest interior is buffered against extreme weather, outside disturbances and predators. Forests in southern Ontario have become increasingly fragmented, affecting the quality of habitat available for forest-dependent wildlife. Many of these species depend on the unique features provided by interior forests to reproduce and raise their young.

Forests with greater than 100 hectares (250 acres) of forest interior habitat provide good habitat for forest-dependent wildlife. However, those forests with more than 200 hectares (500 acres) of forest interior habitat are considered to be the most valuable. Forest interior habitat is a remnant natural habitat that has become rare in southern Ontario. It is critical habitat that many species at risk require to carry out their life processes.

GSC owns more than 9,195 hectares (22,712 acres) of land which are part of larger contiguous forests. After a 100 metre buffer was applied, it was determined that GSC has approximately 4,686 hectares (11,575 acres) of forest interior habitat, although many properties have very small amounts of forest interior habitat. Table 10 summarizes the total forest cover and the estimated amount forest interior habitat on all GSC properties. Bass Lake, Black's Creek, Boat Lake, Bognor Marsh, Little Germany, Massie Hills, Skinner Marsh – McNab Lake, Skinner's Bluff, Slough of Despond, Sucker Creek and The Glen, each contain more than 100 hectares of forest interior habitat. Forest interior area is affected by forests on adjacent properties owned by others.

Table 10: Forest Cover and Interior Forest Area (ha) within GSC Properties

Property Name	Area of Forest Cover (ha)	Area of Interior Forest (ha)
Ainslie Wood	7.65	0.10
Albemarle Brook	207.17	65.68
Arran Lake Conservation Area	20.18	10.72
Bass Lake	356.64	267.13
Bayshore	0.14	-
Beattie Lake	37.29	21.82
Beaver Valley Lowlands	216.55	124.22
Berford Lake Dam	0.03	-
Big Mud Lake	53.02	3.71
Bighead Headwaters	66.94	23.16
Bighead River	11.56	0.01
Black's Creek	195.28	127.88
Boat Lake	446.42	188.22
Bognor Marsh	564.97	375.15
Brookholm	9.57	1.00
Bruce's Caves	86.85	53.86
Cape Commodore	48.79	15.12
Christie Beach	0.53	-
Clarksburg	5.80	-
Clendenan	29.09	1.96
Colpoy's Lookout	10.16	-
Epping-John Muir Lookout	2.76	-
Eugenia Falls	22.58	12.35
Feversham	70.76	3.36
Fidler	24.63	3.97
Fishing Islands	2.82	-
Flesherton	25.39	0.92
Gleason Brook	53.64	26.24
Gowan Lake	81.36	71.06
Griersville	39.78	4.39
Haines Dam	5.58	0.45
Hepworth Creek	41.84	36.60
Hibou	91.42	23.88
Hodgins Lake	116.29	47.93
Holland Centre	19.12	12.59
Indian Creek	18.65	3.61
Indian Falls	7.84	0.39
Inglis Falls	167.69	58.91
Isaac Lake	91.64	15.62
Kemble Mountain	182.89	126.21
Keppel Forest	40.39	11.44
Kolapore Uplands	338.75	219.65
Lake Charles	1.11	-
Little Germany	548.68	299.63
Madeleine Graydon	13.49	-
Massie Hills	194.07	94.10
McNab Lake bottom	9.63	-
Old Baldy	89.97	58.75
Oxenden Creek	1.20	-
Peasemarsh	16.84	-
Pottawatomi	79.53	18.83
Pottawatomi River	0.15	-
Pottawatomi Wetlands	133.96	87.26
Red Bay	17.53	2.99

Table 11: Forest Cover and Interior Forest Area (ha) within GSC Properties (cont'd)

Property Name	Area of Forest Cover (ha)	Area of Interior Forest (ha)
Rob Roy	49.14	13.15
Robson Lakes	176.83	131.16
Rockford	17.82	4.38
Rocklyn Creek	204.77	76.90
Sauble River	1.85	-
Shallow Lake	116.64	16.32
Shallow Lake Dam	0.13	-
Sheppard Lake	20.93	10.02
Shouldice Wetland	29.84	8.41
Skinner Marsh - McNab Lake	483.85	179.48
Skinner's Bluff	519.15	412.98
Sky Lake	98.30	73.05
Slough of Despond	212.29	137.81
Spey River	107.38	49.58
Spirit Rock	76.89	35.49
St. Jean Point	4.99	-
Sucker Creek	492.64	280.50
Sullivan Forest	53.37	23.58
Sydenham Forest	33.11	24.57
Sydenham Lowlands	137.82	41.95
Tara Dam	2.86	-
Telfer Creek	17.03	8.58
The Glen	717.08	377.61
Walker Woods	13.99	0.97
Walter's Creek	159.07	35.74
West Rocks	88.69	55.67
Williams Lake	45.22	19.48
Wodehouse	386.88	148.01
Total Area (ha)	**3,995.15**	**4,686.26**

Forest interior habitat is protected during management activities by maintaining overall forested areas, retaining high residual canopy cover (minimum 70%) and retaining and enhancing connecting corridors to core forested areas.

7.1.7 Wildlife Habitat

The forests of GSC's watershed provide habitat for a wide variety of forest dependent species. The combination of different forest cover types and wetlands creates a diverse landscape capable of supporting a rich mix of species. Many of the habitat characteristics required to sustain healthy wildlife populations are present within GSC's properties.

7.1.7.1 Mast Trees

Mast refers to the edible fruits of trees and shrubs. Retaining mast producing trees and shrubs ensures a food source for many different wildlife species. Where possible, GSC will retain an average of at least 10 healthy, mature mast trees/ha with a DBH of at least 25 cm. Good mast species include beech, oak, basswood, black cherry (*Prunus serotina*), butternut and ironwood (*Ostrya virginiana*). Ironwood trees must be at least 10 cm DBH to be considered appropriate. Trees with diameters greater than 38 cm will be given preference.

7.1.7.2 Supercanopy Trees

Supercanopy trees are generally large (≥ 60 cm DBH), living trees that emerge above the main canopy of the forest. They provide both vertical and structural diversity, as well as bedding, roosting, perching and nesting sites for large birds such as bald eagles, ospreys and red-tailed hawks. These trees are generally long-lived species and are selected in the hopes that they will remain on site for another 50-100 years. GSC will aim to retain at least one supercanopy trees per four hectares of forest. Around wetlands and shorelines, it is preferable to retain at least one supercanopy tree per 500m of shoreline.

7.1.7.3 Cavity Trees

Trees containing cavities can provide habitat for about 25% of all birds and mammals. These animals use the trees for nesting, denning, roosting, resting, feeding, or hibernating. Cavities are normally found in standing dead trees (snags) or living trees that are starting to decline in health.

GSC will aim to retain at least 10 living cavity trees/ha with a minimum of 5 living cavity trees per hectare that are at least 38 cm DBH. When selecting cavity trees to retain, GSC will select trees based on the following priority list:

- pileated woodpecker roost cavity;
- pileated woodpecker nest cavity;
- trees with cavities created by other woodpeckers or natural nest or den cavities;
- tree with escape cavities;
- trees with feeding excavations; and
- trees with the potential to develop cavities.

7.1.7.4 Scattered Conifers in Hardwood stands / Scattered Hardwoods in Conifer stands

Scattered conifers found within hardwood stands have been shown to provide habitat for approximately 10% of vertebrate wildlife. These trees can provide refuge and bedding sites for bears. By maintaining even a few solitary conifers per hectare, the diversity of birds within the stand will increase (Naylor, 1998). Hardwood trees are the only trees that provide mast for wildlife and high-value den and nest cavities tend to be found in hardwood trees. Therefore, retaining hardwood trees in conifer stands are equally important. Where possible, GSC will retain at least 10 conifer trees in hardwood stands and at least 10 hardwood trees in conifer stands. Ideally, these trees will be at least 25 cm DBH and of good health and vigour.

7.1.7.5 Standing Dead Trees

Standing dead trees, or snags, provide important habitat for many of the same species that utilize cavity trees such as pileated woodpeckers and other woodpeckers. During forest management activities, as many snags as possible will be retained to provide habitat. Retaining snags exhibiting various stages of decay will ensure habitat is provided for many different species. GSC will aim to retain at least five snags per hectare, of which four will be <50 cm DBH and the fifth being 50 cm DBH or greater.

7.1.7.6 Stick Nests

Stick nests are platforms made of sticks and twigs that are used by large birds for nesting. Stick nests may be used for multiple decades as the original builders may create a new nest and a new inhabitant will take over the old nest. All stick nests found within a stand will be maintained. If a nest is active and the species can be identified, the guidelines specified in the Stand and Site Guide (OMNR, 2010) will be followed.

When a forest management activity has the potential to impact significant wildlife habitat, the value will be protected with an AOC. An AOC can include a reserve, a modified management area and associated buffers or timing restrictions.

7.1.8 Lake Huron/Georgian Bay Shoreline

GSCA has eight properties – St. Jean's Point, Sucker Creek, Oxenden Creek, The Fishing Islands, Spirit Rock, Colpoy's Lookout, Hibou, Ainslie Wood, Christie Beach, and Peasemarsh, which abut or are within either the Lake Huron or Georgian Bay shorelines. These properties are either Nature Preserves or Conservation Areas.

The Grey Sauble watershed has 155 kilometres along the Lake Huron and Georgian Bay shoreline that is constantly subject to strong prevailing winds, wave action and moderated climates.

7.1.9 Watercourses and Riparian Areas

GSC has many year-round and intermittent streams on their properties. These streams vary widely in their flows, gradients and water quality. There are more than 171 km of streams on GSC properties. The riparian zone is the terrestrial area, 30 metres from the water's edge, along creeks and streams where the vegetation is influenced by perennial and/or intermittent water, associated high water tables and soils that exhibit some wetness. The riparian zone influences and is influenced by the aquatic ecosystem. Buffers of varying widths depending on site conditions are often established along riparian zones to protect aquatic ecosystems.

7.1.10 Fish Habitat

GSC properties contain many watercourses that provide valuable fish habitat. "Fish habitat means spawning grounds and any other areas, including nursery, rearing, food supply and migration areas, on which fish depend directly or indirectly in order to carry out their life processes" according to the Fisheries Act (R.S.C 1985). Watercourses can be classified as cold, cool or warm water systems based on water temperature. Cold water systems support populations of salmon and trout species. Cool water systems support species such as pike, muskellunge, perch and walleye. Warm water systems support bass species. Healthy populations of fish within a watercourse can be an indication of the quality of the water. Buffers of varying widths depending on site conditions are often established along riparian zones to protect aquatic ecosystems.

7.1.11 Steep Slopes

Slopes with grades greater than 33% are considered steep and are prone to erosion if disturbed. Many GSC properties have steep talus slopes which are associated with the Niagara Escarpment. Forest management activities will be modified or restricted on steep slopes to protect sensitive sites.

7.1.12 Springs and Seeps

Springs or seeps are areas where water is found at or very near the surface of the ground throughout all or much of the year (OMNR, 2000). These areas are very important because they may provide habitat for rare flora and fauna, and they may maintain or influence the hydrological regime of adjacent areas.

7.1.13 Woodland Pools

Woodland pools are small, isolated wet areas that include ephemeral pools, vernal pools and autumnal pools. They may contain water for only a few weeks or may be flooded for most of the year. They are found within or next to forests. Because they dry periodically, they do not support fish. Since fish are absent, woodland pools provide valuable habitats for a wide variety of vertebrates and invertebrates.

The integrity of woodland pools will be maintained and protected during all forest management activities. Downed wood debris and a closed canopy (at least 70%) will be maintained to ensure the moisture regime remains constant. Forest management activities will not sever travel corridors and logging roads shall not be located within 20m from known potential breeding ponds. Any trees felled (accidentally or intentionally) into these areas will be left where they fall.

7.1.14 Significant Trails

The Bruce Trail is a multi-use recreational trail that extends the entire length of the Niagara Escarpment in Southern Ontario. Over 30 percent of the entire Bruce Trail system is located on GSC properties. There are three clubs in GSC's watershed; the Beaver Valley, Sydenham and Peninsula Bruce Trail Clubs, that maintain sections of The Bruce Trail. GSC establishes a 10 metre buffer along the main trail during forest management activities. The side trails (blue-blazed) are examined on an individual basis and an appropriate AOC is established. Some of the blue side trails utilize logging trails and it is necessary to close them during operations.

There are significant recreational opportunities provided by other trail systems on GSC properties such as Hepworth, Massie, and Kolapore Management Areas. These trails are protected or rehabilitated following forest management activities.

Some trails extend past the boundaries of GSC's properties onto Crown, County, or private land. In these cases, the trails are managed by local trail organizations under agreement.

When forest management activities are scheduled for a stand, adjacent landowners and known user groups are notified. The operations will be timed so that disruptions of recreational uses are minimized. To ensure safety of members of the public, GSC will close trails during forest management activities.

SECTION 8: Forest Management Program Development

8.0 Forest Management Program

GSC's forest management program strives to maintain, protect and enhance healthy, diverse forest ecosystems throughout the watershed. The vision of a healthy watershed environment in balance with the needs of society is supported by the forest management program and provides ecological, social and cultural, and economic benefits. The forest management program will describe the forest management operations and performance measure reporting.

8.1 Projected Harvest Areas and Estimated Volume Growth

The projected harvest area represents the total area from each cover type which is available for forest management activities over a defined period, known as the cutting cycle. The projected harvest area is used as a planning guide in determining the renewal, tending and harvesting activities for each cover type. The cutting cycle is the amount of time that a forest is allowed to grow between harvests. GSC's cutting cycle has been set at 15 years based on current silvicultural standards and practices. The cutting

cycle length is being reexamined based on soil, cover type, past management and site productivity as shown through inventory results.

The area available for management is derived by deducting all other land classifications including all areas that have been designated for No Forest Management. Grouping stands together that are ready for management and are in the same area will improve efficiency and make the operations more economically viable. The 20-year management program is flexible and adaptable to adjust for unforeseen impacts such as insect and disease outbreaks or implications due to climate change.

Table 11 indicates the projected harvest area for each cover type that has been designated for Forest Management. According to this table, the total amount of land available for Forest Management activities is 5,649 hectares (13,953 acres) which represents 48% of GSC's total land base.

Table 12: Projected Harvest Area (ha) by Year by Cover Type of GSCA stands

	Cover Type							
Project Harvest Year	Lowland Conifer	Lowland Deciduous	Lowland Mixed	Plantation	Upland Conifer	Upland Deciduous	Upland Mixed	Total Area (ha)
2018	-	-	10.68	16.01	14.31	138.47	-	**179.48**
2019	-	-	-	71.36	-	98.79	4.90	**175.05**
2020	-	1.11	6.38	23.63	42.23	197.60	12.80	**283.76**
2021	-	41.68	-	59.22	51.45	137.77	4.67	**294.80**
2022	5.42	-	-	64.83	-	208.58	-	**278.83**
2023	-	-	54.25	-	-	286.65	-	**340.90**
2024	-	-	-	19.22	4.94	233.08	18.17	**275.41**
2025	-	-	17.74	34.61	11.45	221.72	70.54	**356.06**
2026	-	-	-	27.86	15.44	297.27	11.01	**351.57**
2027	-	-	27.07	91.99	27.18	228.80	-	**375.03**
2028	-	-	15.56	145.91	29.51	148.24	1.25	**340.48**
2029	3.04	72.00	-	81.07	-	222.78	13.15	**392.04**
2030	-	-	-	48.64	39.98	83.04	6.48	**178.14**
2031	-	-	-	4.31	9.11	99.86	5.95	**119.22**
2032	-	-	-	25.74	56.41	36.62	-	**118.78**
2033	-	7.12	10.68	32.24	85.77	258.23	23.70	**417.74**
2034	-	-	-	71.36	36.35	122.30	21.61	**251.63**
2035	-	1.11	6.38	41.62	42.23	200.23	20.53	**312.10**
2036	-	41.68	-	59.22	51.45	152.38	19.28	**324.02**
2037	5.42	-	-	70.58	-	208.58	-	**284.58**
Total	**13.88**	**164.70**	**148.76**	**989.43**	**517.81**	**3,580.99**	**234.06**	**5,649.62**

To predict harvest volumes, growth rates of the different cover types need to be established. Studies have shown a wide range of potential volume growth that varies depending on cover type and site conditions.

According to Scott McPherson from MNRF's Growth & Yield Program, there is a strong relationship between volume and basal area (BA) growth, and this relationship is expressed as a ratio, known as the VBAR (personal communication, December 6, 2012). The VBAR can be multiplied by the current BA to calculate volume. The annual BA growth of the upland deciduous cover type ranges from 0.3 m^2/ha/year to 0.5 m^2/ha/year (OMNR, 2004). Using this BA growth rate, volume projections are 1.1 m^3/ha/year – 1.9 m^3/ha/year. Since many of GSC's upland deciduous stands are on poorer sites, growth rates in the lower to middle end of the range would be expected.

More data would allow for more accurate volume estimates in the other cover types. Since there are many factors, such as site and stand conditions, which would affect both volume and basal area growth, it is important to note that this volume is an estimation only.

As previously described, this Forest Management Plan covers a 20-year period and GSC is currently using a 15-year cutting cycle for every stand suitable for forest management. As such, stands managed in the first 5 years will be scheduled in the final five years of the plan. Throughout this planning period, some young forest stands that have not been previously managed are also projected to be ready to be added to the management cycle.

Table 11 shows that over the next 20-year management program there is an average of 282 hectares (697 acres) available for forest management in any given year. This amount is expected to increase by 24 hectares (60 acres) over the course of the management program due to young commercially inoperable stands maturing. Therefore, the total area available for management on an annual basis will increase to approximately 306 hectares (757 acres) over the next 20 years as stands are added to the management cycle.

Table 12 shows the projected volume harvested for the next 20 years. As the table below shows, the projected amount of volume harvested fluctuates from year to year. There are several factors that affect the amount of volume that is harvested each year. These factors include the amount of area to be harvested, the age and cover type of the stands to be harvested, the inventory information, and the amount of area that can be marked by GSC staff.

Table 13: Projected Annual Harvest Volume from GSC stands

Year	Projected Fuelwood Volume (cord)	Projected Sawlog Vol (fbm)	Projected Vol (m3)
2018	2,552.86	124,012.50	7,922.52
2019	1,347.82	33,728.19	3,621.04
2020	2,645.89	106,855.13	8,909.69
2021	3,359.72	240,130.84	12,475.53
2022	2,426.13	112,509.20	7,432.77
2023	1,148.81	37,796.58	3,689.04
2024	2,718.10	142,849.84	7,330.91
2025	3,486.32	163,100.96	11,686.28
2026	3,416.72	255,279.46	9,559.48
2027	4,831.62	230,455.51	15,283.64
2028	3,855.80	83,572.91	11,484.15
2029	4,470.26	290,444.08	13,880.21
2030	1,864.67	74,215.52	5,662.95
2031	1,439.93	78,539.77	4,581.23
2032	1,894.17	31,504.81	6,495.93
2033	5,548.11	192,919.39	19,241.18
2034	2,603.01	52,421.35	7,828.04
2035	2,934.10	111,973.25	9,971.08
2036	3,510.85	248,021.29	12,921.36
2037	2,509.44	112,509.20	7,761.06

Over the years of this plan, the ongoing forest inventory information will adjust the projected harvest dates of stands, and the detailed annual tendering plan each year will identify which stands are grouped into each contract based on factors such as proximity, types of wood desired by industry, pests or other factors.

8.2 Financial Analysis

The goal of GSC's Forest Management Program is to maintain healthy, diverse forest ecosystems which will provide many environmental, ecological, social and cultural benefits. Revenues generated by the sale of standing timber support the conservation efforts of GSC and the local economy. Table 14, below, shows estimated revenues that are expected to be generated for each of the next four five-year operating periods.

Table 14: Projected Revenue by Operating Period

Operating Period	Years within Operating Period	Projected Revenue ($)
1	2018 - 2022	$ 496,416.00
2	2023 - 2027	$ 557,472.00
3	2028 - 2032	$ 553,934.00
4	2033 - 2037	$ 211,617.00
	Total	**$ 1,819,439.00**
	Average (per Operating Period)	**$ 454,859.75**
	Average (per Year)	**$ 90,971.95**

As table 14 shows, GSC is projecting average revenue of approximately $454,000 per operating period with an annual average of a bit more than $90,000. These figures are being estimated with the current information available and GSC expects the actual revenues (per year and operating period) generated to vary due to improvements in inventory information, changes in market conditions (i.e. fluctuations in prices of wood products) and changes in growth of the forest and trees.

8.3 Summary of GSC'S Forest Management Activities

A summary of GSC's Forest Management activities is provided in Appendix I.

8.4 Recommendations

1. That GSC's Forestry Committee meet at least once per year to discuss forestry operations as per their Terms of Reference, and to fulfill the roles set out in the Wood Products Tendering Policy and the Forest Management Policy.

2. That GSC implement the inventory practices outlined in the 2017 Forest Management Policy. This means:
    a. Inventory stands that have had a forest operation conducted within them within 5 years of the operation;
    b. Inventories of all forested stands (even those with No Forest Management) at least every 20 years;
    c. Inventory stands one to two years prior to any forest operation.

3. That, as budget and staffing levels allow, GSC catch up on the inventory of their forest stands, since it is outdated and was done at a low intensity. To update all the remaining inventories over the next 5 years (and prior to the next update of this FMP), about 1,500 ha (3,729 acres) must be completed per year. This work will include:
    a. An updated estimate of the target harvest year, and
    b. That GSC assess stands that are not yet ready for management and move them into GSC's forest management cycle when it is appropriate.
    c. Updates the stand boundaries to align with the newest aerial photography and inventory data.
    d. Identification of properties that have access issues and options to address access.

4. That GSC investigate protocols for grading logger performance to improve forest management operations.

5. That, GSC evaluates the 15-year cutting cycle and examine the feasibility of setting a cutting cycle based on factors such as cover type and site productivity.

6. That GSC incorporate analysis examining the financial implications of harvesting stands/properties enrolled in CLTIP and transferring them to MFTIP.

SECTION 9: Forest Operations

As defined in GSC's Forest Management Policy, Forest Operations include (but are not limited to) the following activities:

- Tree marking;
- Sustainable tree harvesting;
- Tree planting;
- Vegetation control;
- Pest and/or disease management; and
- Stand tending

During all forest operations, GSC will strive to protect all known values using Areas of Concern. Appendix J details the GSC's planned Forest Operations for the next 20 years (2018-2037). GSC will consult with the local forest industry to better understand their desired forest products. The forestry committee and local forest industry will have the opportunity to review the tendering plan annually. GSC will provide a list of stands scheduled for forest operations over the next three years. Stands contained on this list may be harvested sooner or later depending upon the desires of GSC and the local forest industry.

All forest operations will be carried out under the supervision of a member of the Ontario Professional Foresters Association (OPFA) as specified by the Professional Foresters Act (2000).

SECTION 10: Forest Operations

10.1 Operational Guidelines

10.1.1 Silvicultural Systems

A silvicultural system is a planned program of silvicultural treatments during the entire life of a stand and is the process by which the forest is tended, harvested and replaced by a new one (OMNR, 1998). There are three silvicultural systems used in Ontario: the selection, shelterwood and clearcut systems. Each system is designed to emulate natural disturbances such as individual tree mortality or larger scale events like forest fire. The forests of GSC represent a variety of growth stages from early successional regeneration to more mature stands with older growth characteristics. The silvicultural system applied to each stand depends upon such factors as tree species composition, shade tolerance, site conditions, present stand structure, and the desired future condition.

10.1.2 Uneven-aged Management

Uneven-aged management refers to forest stands which contain trees with considerable differences in their ages and in which three or more age classes are represented. These stands contain tree species

that are capable of regenerating under a residual canopy (mid to full shade tolerant species) and show a good growth response when released through an improvement or harvest operation. The single tree selection system or group selection system is used to reach this stand condition.

10.1.2.1 Selection System

The single tree selection silvicultural system is a periodic partial cutting system, controlled by basal area, using vigour and risk characteristics to determine individual trees to remove. Group selection is a modification of the single tree selection system in which trees are removed in small groups rather than as individuals (OMNR, 2010).

Under the selection system, forest cover is always maintained, and through the removal of individual or small groups of trees, natural regeneration of tolerant and mid-tolerant species is promoted. Forest management using this system eventually produces a sustainable supply of high-quality wood products at regular intervals.

Table 15 details the recommended BA and density of trees by size class. The goal for each stand managed under the single tree selection system is to reach this Ideal BA distribution.

Table 15: Recommended basal area and trees per hectare by size class

Size Classes	**Diameter Class** DBH (cm)	**Recommended 'Ideal' Basal Area** (m2/ha)	**Trees per Hectare** (ha)
Polewood	10 – 24	4	184
Small Sawlog	26 – 36	5	70
Medium Sawlog	38 – 48	6	40
Large Sawlog	50 +	5	22
Total		**20**	**316**

GSC's upland deciduous, lowland deciduous, upland mixed and lowland mixed stands will be managed using the selection silvicultural system. There are 3,689 hectares (9,115 acres) of these forest cover types which are currently available for management. Many GSC stands are currently in an even-aged age class structure, so it will take multiple improvement operations to reach this ideal BA distribution.

10.1.2 Even-aged Management

Forests containing trees with no, or relatively small age differences (< 30 years) are managed as even-aged stands. There are two silvicultural systems applied to even-aged stands; the shelterwood and clearcut silvicultural systems.

10.1.2.1 Shelterwood System

Forests managed using the shelterwood system promote the establishment of natural regeneration under the protection of an older canopy. This system is used to encourage the development of mid-tolerant species such as red oak or white pine in a stand. Through a series of partial harvests, the entire overstory is removed and the stand regenerates naturally or through planting.

In stands where the shelterwood system is implemented, GSC will ensure proper conditions have been reached before the next operation begins. If these conditions are not met, the next management operation will be delayed, and other tending activities may be implemented to remedy the situation.

GSC may use the shelterwood system to manage mid tolerant species such as white pine, red oak or white cedar.

10.1.2.2 Clearcut System

The clearcut silvicultural system involves the complete removal of trees from a specified area. The area is then either replanted or allowed to regenerate naturally. This system is applied to stands containing species which are intolerant of shade such as poplar or white birch. For stands deemed appropriate to use this system, GSC modifies the system to ensure the overall stand is protected.
GSC assumes that, stands where the clearcut system is implemented:

- have appropriate species to regenerate in full sun conditions;
- the ground conditions of the harvested area will not be negatively impacted due to the removal of the forest; and
- follow up inspections will be conducted to ensure trees are regenerating properly and if not, tree planting will take place to accelerate this process.

Upland or lowland conifer stands will be managed under one of the three silvicultural systems (Selection, Shelterwood or Clearcut) depending on stand conditions. These forest cover types represent 516 hectares (1,276 acres) currently available for management.

10.1.3 Plantation Management

Plantations are also managed as even-aged stands. Plantations are thinned at regular intervals starting at approximately 30 years of age. The first thinning is usually a systematic thinning where complete rows are removed to release the residual trees and provide access. Future thinnings are selective in nature and improve the future quality of the stand by removing poor quality and diseased trees. As the plantation is thinned, conditions are created that favour natural regeneration. Eventually the plantation becomes a more natural forest with a mixture of deciduous and coniferous species.

10.2 Forest Operations

10.2.1 Tree Planting

Most open areas on GSC properties have been planted with trees; however, some agricultural properties may be available for planting over time. Each planting site will be evaluated to determine the most appropriate species that should be planted. A mixture of tree species will be planted where possible to increase biodiversity.

GSC will control competing vegetation through the most appropriate method. Trees will normally be planted using 2.4 m X 2.4 m (8’ x 8’) spacing. By using this spacing more ground is covered with less trees which results in lower establishment costs, plus it provides more maneuvering room at the first thinning. Tree survival is checked in the first, second and fifth year to determine if any refill is required and ensure that the trees are well established.

10.2.2 Tending Activities

Tending refers to any operation that improves the health and quality of a forest stand. It includes, pruning, thinning, cleaning, girdling and brushing. Many GSC stands have had some type of tending

operation in the past. Certain tending activities and/or operations will only occur as time and funding permits.

10.2.3 Harvesting Procedures

GSC will continue to conduct stand improvement and harvesting operations within the stands identified for management. The forest products produced from these activities will include all grades of sawlogs plus firewood, posts, poles and pulpwood.

10.2.4 Management Prescriptions

GSC will prepare prescriptions for stands suitable for management. The prescription will indicate the property location – compartment number and stand number, and the timing of the operation to be completed. The prescription will also indicate the specific short-term and long-term silvicultural objectives identified for this stand. All prescriptions will be approved by a member of the Ontario Professional Foresters Association.

The prescriptions will recognize any AOC's identified during field inspections. The prescription will provide the directions for management activities such as establishing no cut reserves or modified management areas. The prescription will take into consideration the high conservation value forests (HCV's) that have been identified as part of the forest certification process. GSC will monitor the effectiveness of the measures being employed for their maintenance and/or restoration. The HCV report is found in Appendix H.

The prescriptions will record the inventoried BA along with the amount of BA to remove by size class for the stand. It will also indicate who prepared the prescription and the estimated timing of the next operation.

10.2.5 Inventory

Forest resource inventories will be completed for all stands scheduled for management. The inventory will collect data such as tree species, DBH, regeneration, quality, estimated age, other vegetation, wildlife, SAR and IS.

10.2.6 Species at Risk/Invasive Species Surveys

All stands scheduled for management activities will be surveyed for SAR and IS prior to tree marking. GSC has a prioritized list of species to focus on. This list is based on information provided by MNRF. Any species identified will be recorded and mapped to enable protection or control measures.

10.2.7 Tree Marking

GSC will use certified tree markers to mark their forest stands. Tree markers will follow the prescription developed for the stand. Prior to any marking being started, the harvest boundaries will be identified and marked. The trees to be harvested will be marked with tree marking paint. All trees will be marked with a slash for firewood or a dot for sawlogs. A standing volume will be estimated from the marked trees.

10.2.8 Tender Sale Process

GSC will sell all forest products according to GSC's Wood Products Tendering Policy.

10.2.9 Timing of Operations

To minimize damage to residual trees during active growing periods and protect bird nesting sites, GSC will schedule all operations according to best available guidelines and policies. All operations will be suspended when conditions would lead to site damage. GSC may place further restrictions on the timing of operations in an AOC.

10.2.10 Access

Many properties already have established roads which will be used when conducting forest management operations. Where necessary, new roads will be established by GSC or the logging contractor.

Roads will be designed in conjunction with the operator, to minimize the potential for erosion, rutting, compaction, and damage to residual trees. Operators will be required to maintain roads free of logging debris. At the end of an operation, roads must be left in the same or better condition.

Occasionally, it will be necessary to access a property through an adjacent landowner's property. Permission will be requested and if approved an access agreement will be signed between the two parties.

10.2.11 Landing Areas

GSC will establish and maintain landing areas in easy-to-access, logical locations to minimizing negative environmental impacts. Landings will be established in conjunction with the operator and kept clear of garbage and debris.

10.2.12 Skidding & Felling

GSC will require operators to follow careful logging practices to reduce risk to forest workers and minimize damage to the site and the residual stand. The trees that remain provide valuable future wood products, site protection, wildlife habitat and many other ecological services.

10.2.13 Safety

All forest workers operating on GSC lands must comply with all Municipal By-laws and Provincial regulations including but not limited to the Occupational Health and Safety Act (1999). GSC staff will adhere to GSC's Health and Safety Policy and Work Place Procedures.

10.2.14 Penalties

In cases of unauthorized cutting on GSC properties, GSC has policies in place to issue penalties and/or ensure appropriate restoration measures are taken. These are evaluated on a case by case basis.

10.2.15 Communications and Education

Grey Sauble Conservation will follow a communications plan regarding all forest operations and respond to inquiries in the timelines set out in the Forest Management Policy and the External Communications Policy. Communications plans will include notifications of sustainable harvests and educating the public about sustainable forest management.

Grey Sauble Conservation will proactively communicate with adjacent landowners regarding scheduled forest management activities. Grey Sauble Conservation will inform and educate these landowners about sustainable forest management activities and the reason why they are being conducted.

Grey Sauble Conservation staff will also work to notify and inform known volunteer and interest groups of upcoming forest management activities. Through known landowners and groups, Grey Sauble Conservation will work to expand the number of people/groups who are informed.

10.2.16 Monitoring

GSC will monitor all forest management operations on a regular basis. A pre-harvest meeting will be set up to agree on landing areas and main skid trails and review details of the agreement. Appendix J indicates the Acceptable Damage Standards and the Criteria used for assessing both logging damage and site damage. An operator will be notified immediately of any infractions. Cut inspection reports will be recorded. Conflicts will be resolved at the staff level where possible.

10.2.17 Forest Protection

Staff will monitor GSC's forests during all forest management activities. Any forest health concerns will be noted and forwarded to the Forest Health Monitoring Technician at the MNRF. Protection measures will be implemented as required. Staff will stay up to date regarding current forest health issues.

10.2.18 Insects and Diseases

There are many insect and disease concerns throughout the forests in GSC's watershed. Occasionally it will be necessary to implement control measures to protect the health of the forests. The decision to initiate control measures is the responsibility of the Forestry Coordinator. Any costs associated with control measures that are above approved budgets will require board approval.

10.2.19 Nuisance Wildlife

Occasionally, it may be necessary to protect trees by controlling wildlife activity such as beaver or porcupine through trapping or hunting.

10.2.20 Abiotic Agents

Abiotic agents such as frost, winter drying, snow loads, drought, high temperatures, high winds and salt can cause tree damage or even tree mortality. Some GSC white pine plantations have been affected by winter drying and/or road salt, although this type of damage has not usually been severe enough to kill trees. Early spring frosts will occasionally kill new growth. Many GSC forests on shallow soils have been affected by drought and increasingly high temperatures. Trees in these forests have shown signs of die-back and mortality.

10.3 Schedule of Operating Periods

The first five-year operating period is presented in Table 16, beginning on the next page. This table indicates the actual forest management operations scheduled during this five-year operating period. Each forest management activity includes inventory, boundary line marking, adjacent landowner notification, tree marking, tendering and monitoring (cut inspections and damage assessments).

Table 16: First Operating Period (2018 - 2022)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2018	Plantation Thinning	Inglis Falls: 66-21 (1.3) Keppel Forest: 78-6 (21.42) Little Germany: 89-7 (10.0) Kolapore Uplands: 84-2 (8.15); 95-3 (4.1), 95-6 (4.1)	**49.07**
	Stand Improvement - Upland Deciduous	Bognor Marsh: 27-23 (14.3), 27-25 (166.26) Inglis Falls: 66-22 (21.0) Little Germany: 89-3 (17.51) Massie Hills: 108-2 (125.9) The Glen: 172-33 (22.2)	**367.17**
	Stand Improvement - Lowland Mixed	Little Germany: 89-2 (26.4)	**26.40**
	Patch Cut or Selection - Upland Conifer	Little Germany: 89-6 (24.06)	**24.06**
	Total Area		**466.70**

Table 16. First Operating Period (2018 - 2022) (cont'd)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2019	Plantation Thinning	Skinner Marsh-McNab Lake: 109-5 (33.5), 109-9 (33.3), 109-12 (5.4), 109-15 (39.3), 109-19 (7.0); 112-14 (1.7), 112-15 (1.1), 112-31 (3.6), 112-32 (3.8); 113-6 (19.6); 114-2 (2.6) Robson Lakes: 134-1 (19.74) The Glen: 172-18 (7.7)	**178.34**
	Stand Improvement - Upland Deciduous	Gleason Brook: 51-3 (3.6); 52-1 (49.0) Little Germany: 90-8 (35.1) Skinner Marsh-McNab Lake: 109-13 (20.3); 110-1 (39.9); 112-1 (31.9), 112-11 (50.3) The Glen: 172-1 (188.4)	**418.50**
	Stand Improvement - Upland Mixed	Albemarle Brook: 5-2 (27.27) Gleason Brook: 51-13 (24.9) Robson Lakes: 134-2 (12.1)	**64.27**
	Patch Cut or Selection – Upland Coniferous	Albemarle Brook: 5-1 (46.47) Keppel Forest: 78-3 (11.3)	**57.77**
	Stand Improvement - Lowland Mixed	Keppel Forest: 78-1 (38.46) The Glen: 172-2 (12.1)	**50.56**
	Total Area		**769.44**

Table 16. First Operating Period (2018 - 2022) (cont'd)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2020	Plantation Thinning	Griersville: 57-4 (4.1); 57-4 (1.6) Massie Hills: 108-3 (3.5), 108-6 (20.5), 108-7 (8.3) Shallow Lake: 140-4 (20.4) The Glen: 172-17 (3.8) Wodehouse: 184-4 (25.40)	**87.60**
	Stand Improvement - Upland Deciduous	Bognor Marsh: 26-4 (14.28) Griersville: 55-3 (18.9); 57-3 (28.0), 57-5 (11.6) Hodgins Lake: 61-7 (18.0) Isaac Lake: 67-2 (13.5) Kemble Mountain: 71-1 (155.0); 73-1 (52.5) Little Germany: 80-1 (84.3) Kolapore Uplands: 84-3 (81.3) Wodehouse: 184-1 (10.9)	**488.28**
	Stand Improvement - Upland Mixed	Boat Lake: 19-2 (18.8) Hodgins Lake: 61-3 (13.0) Little Germany: 80-6 (10.8) Kolapore Uplands: 84-1 (2.04)	**44.64**
	Stand Improvement - Lowland Mixed	Little Germany: 84-5 (15.76)	**15.76**
	Patch Cut or Selection – Upland Coniferous	Bighead Headwaters: 14-5 (15.5) Boat Lake: 19-1 (2.1) Bognor Marsh: 26-7 (19.26) Hodgins Lake: 61-4 (13.0), 61-6 (6.0), 61-9 (21.48) Isaac Lake: 70-1 (16.9) Massie Hills: 108-5 (27.0)	**121.24**
	Patch Cut or Selection – Lowland Coniferous	The Glen: 170-10 (11.1)	**11.10**
	Stand Improvement - Lowland Deciduous	Kolapore Uplands: 84-4 (2.75)	**2.75**
	Total Area		**771.37**

Table 16. First Operating Period (2018 - 2022) (cont'd)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2021	Plantation Thinning	Bognor Marsh: 26-6 (15.37) Feversham: 39-4 (71.35), 39-5 (7.61) Madeleine Graydon: 40-4 (1.63) Shouldice Wetland: 75-7 (12.84) Spirit Rock: 156-5 (16.43)	**125.23**
	Stand Improvement - Upland Deciduous	Boat Lake: 22-9 (50.9), 22-11 (7.39) Feversham: 39-1 (16.51) Holland Centre: 62-3 (18.1) Shouldice Wetland: 75-1 (2.95), 75-4 (8.42), 75-6 (7.3), 75-8 (33.53) Keppel Forest: 78-5 (9.86) Telfer Creek: 163-3 (14.0) The Glen: 172-19 (70.4), 172-20 (83.63), 172-23 (50.0), 172-29 (26.8)	**399.79**
	Stand Improvement - Upland Mixed	Spey River: 152-7 (7.3) Spirit Rock: 156-1 (4.25)	**11.55**
	Stand Improvement - Lowland Deciduous	Pottawatomi Wetlands: 122-1 (103.0)	**103.00**
	Patch Cut or Selection - Upland Coniferous	Boat Lake: 19-6 (30.0) Spey River: 152-1 (27.6), 152-8 (4.5) Spirit Rock: 156-7 (65.04)	**127.14**
	Total Area		**766.71**

Table 16. First Operating Period (2018 - 2022) (cont'd)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2022	Plantation Thinning	Bognor Marsh: 27-24 (30.9) Indian Creek: 64-4 (16.0) Old Baldy: 118-4 (19.0) Rocklyn Creek: 136-3 (23.4); 137-1 (4.7), 137-5 (18.8), 137-8 (8.0), 137-9 (4.3), 137-11 (12.0) The Glen: 172-27 (23.1)	**160.20**
	Stand Improvement - Upland Deciduous	Bruce's Caves: 29-4 (30.0), 29-7 (104.0) Black's Creek: 79-1 (34.5) Little Germany: 98-1 (4.4), 98-5 (29.2), 98-7 (4.2); 99-3 (63.86) Skinner Marsh-McNab Lake: 109-17 (24.3) Robson Lakes: 134-4 (91.6), 134-7 (29.2) Spirit Rock: 156-6 (32.28), 156-8 (49.46) Walter's Creek: 178-21 (4.3), 178-23 (14.1)	**515.40**
	Patch Cut or Selection - Lowland Coniferous	Little Germany: 98-9 (13.4)	**13.40**
	Total Area		**689.00**

SECTION 11: Plan Amendments, Reports and Updates

11.1 – Plan Amendments

As this FMP provides direction and is used as a guide for the forest operations of GSC, amendments to harvest areas (removals or additions) are not necessary unless the changes impact the long-term sustainability of GSC's forest. Amendments of a strategic or administrative nature will be presented to the Forestry Committee of GSC.

11.2 - Reports

Annually, staff will report to the Forestry Committee of GSC on the previous year's activities including the status of current forestry tenders and revenue as well as other major projects and activities forestry staff were involved with.

11.3 – Plan Updates

The FMP will be reviewed after five years (in 2022) to determine if an update is warranted. Minor amendments to the operational portion of this FMP will not require an update. Major amendments, such as changes to harvest projections, natural disturbances, changes in strategic or policy direction, maybe cause for an update. If no changes are required, this plan will be in place until 2027. An updated plan will be prepared prior to the commencement of 2027 operations.

11.4 – Public Engagement

As part of updating this plan, the public was asked to provide feedback on a draft version. This feedback period ran through the summer of 2019. A short survey was created and placed on the GSC website for individuals to provide input and feedback.

In total 10 individuals responded. A summary of their responses can be found in Appendix K. Two letters were also received from individuals. These individuals did not submit a response via the survey form.

Any feedback received on this FMP or the forest management practices of GSC will be considered and if appropriate will be included in future revisions. If changes to the forest management practices can be implemented immediately, staff will make these changes.

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Appendix A – GSCA Property Acquisition History

Compartment Number	Main Man Area	Roll Number	Township	Vendor	Donor	Donor Amount	Grant Rate	Acquisition Cost	Registration Date	Area (Acres)	Lot	Concession	Agreements	Easements
2	Ainslie Wood	421051000803400	SYDENHAM	ELEANOR & LAURA RIXON	Private (Fleming)	$8,700	50%	$25,000	6/10/1963	25	4 - 48	Reg. Plan 402	1) LOTS - 4-48, 50-59, A, B ; REG. PLAN 402 - LOTS 31 & 32; B.F.; 2) LONG TERM AGR. WITH CORP. OF TWP. OF SYDENHAM CONCERNING LEITH WATER SYSTEM; 3) QUIT CLAIM DEED FROM EILEEN BRYAN TO GSCA CONCERNING PT. LOT 48 AND LOT 50 PLAN 402 TO CORRECT TITLE TO SAID PROPERTIES	FAVOURS ONT. HYDRO - LOT 31 B.F. - ERECT & MAINTAIN 1 POLE & 3 ANCHORS & CUT BRUSH
3	Leith Spit	421051000807400	SYDENHAM	NAIRNE BRODERICK				$1	12/21/1964	1	PT. 54	REG. PLAN 549	LAND SUBJECT TO USE FOR PARK PURPOSES ONLY (NO COMMERCIAL ENTERPRISE)	
4	Albemarle Brook	410259000413200	ALBEMARLE	FRANCIS GIVEN	CNSS	$2,500	75%	$10,000	8/22/1972	200	13, 14	4 EBR		
4	Albemarle Brook	410259000413200	ALBEMARLE	BOGDON & GROSS FURN.CO.	CNSS	$4,006	75%	$15,225	2/21/1973	435	11, 12, 13	5 EBR		
5	Albemarle Brook	410259000500900	ALBEMARLE	A.R.D.A.	CNSS	$1,000	75%	$4,000	8/24/1976	100	N PT. 11	7 EBR	SOLD TO COUNTY OF BRUCE FOR ROAD WIDENING IN 1987 PART 3 ON REF. PLAN 3R-3964, 0.116 ACRES; SEE PARTS 1, 2 ON REF. PLAN 3R-1323 FOR DESCRIPTION	
6	Arran Lake Conservation Area	410349000216400	ARRAN	MUN. CORP. TWP. ARRAN	Arran Township			$1 (DONATION)	5/11/1967	3.0	PT. 10	11		
7	Arran Lake Conservation Area	410349000402600	ARRAN	BILL FENTON, MARG SPENCE			50%	$400	1/2/1959	50	E1/2 PT.17	12		
8	Beaver Valley Lowlands	420839000206700	EUPHRASIA	KATHERINE HEWGILL			75%	$450	7/18/1966	15	W 1/4 PT. 18	2		
8	Beaver Valley Lowlands	420839000206700	EUPHRASIA	JOHN KENTNER			75%	$1,050	8/8/1966	35	PT.18	2		
8	Beaver Valley Lowlands	420839000206700	EUPHRASIA	R.J. CLINTON KERR			75%	$1,500	8/5/1966	50	W 1/2 PT. 19	2		
9	Beaver Valley Lowlands	420839000209100	EUPHRASIA	IVAN JOSEPH SOUL			75%	$2,200	1/16/1963	100	E 1/2 16	3		FAVOUR GSCA: ROW UPON ROAD FOR ACCESS
10	Beaver Valley Lowlands	420839000401200	EUPHRASIA	KENNETH MacPHAIL			75%	$4,000	8/8/1968	100	E 1/2 12	4		
10	Beaver Valley Lowlands	420839000401200	EUPHRASIA	JOHN W. ROBINSON			75%	$4,000	5/1/1964	100	E 1/2 13	4		
10	Beaver Valley Lowlands	420839000401200	EUPHRASIA	DAVID JOHN McNICHOL			75%	$4,300	6/7/1963	143	PT. 13 & 14	3		
11	Beaver Valley Lowlands	420839000404105	EUPHRASIA	FRASER AYLSWORTH	N.C.C.	$2,385	85%	$15,000	12/14/1984	36	S 1/2 PT. 8	4		FAVOURS ONT. HYDRO - RIGHT TO INSTALL & MAINTAIN 2 ANCHORS & WIRES (FEB.2/90)

12	Berford Lake Dam	410259000411006	ALBEMARLE	MATTHEW WHITE			63%	$5,000	1/4/1980	0.17	PT. 23	3 EBR	SEE PART 1 REF. PLAN 3R-2690 FOR DESCRIPTION	1) FAVOUR GSCA; PERPETUAL ACCESS; PART 23 REF. PLAN 3R-134 2) GSCA RESPONSIBLE FOR 1/6 COST OF ROW MAINTENANCE ON PART 23
13	Big Mud Lake	410259000426000	ALBEMARLE	HOWARD & OLIVE FARROW	N.C.C.	$15,537.50	75%	$60,000	8/1/1975	280	29, PT.30	5 EBR		TWP. ALBEMARLE ROAD WIDENING ALLOWANCE (INST.# 63453)
13	Big Mud Lake	410259000426000	ALBEMARLE	FRANK & EMILIE SOWA	N.C.C.	$9,325	75%	$36,000	7/28/1975	125	PT. 28	5 EBR		
14	Bighead Headwaters	420436000601301	AMABEL	STEWART & SAM GLOVER			75%	EXPROPRIATION	5/2/1961	62				FAVOUR GSCA: FLOODING EASEMENT GRANTED BY WILLIAM & LOUIS WILLIAMSON FOR $60. DATED 9/61 - SEE EASEMENTS, AGR. FOREST FILES
14	Bighead Headwaters	420436000601301	HOLLAND	GILBERT HOWEY	CNSS	$5,700	50%	$14,000	2/1/1972	175	PT. 2-7	3 NETSR		
14	Bighead Headwaters	420436000601301	HOLLAND	WILLIAM MADILL	CNSS	$700	50%	$2,000	7/14/1972	27	SW PT. 3	3 NETSR		
15	Bighead River	421049200225700	MEAFORD	BILL & GENETTE CHAPPEL	CNSS, OFAH	$3,000 , $2,575	75%	$20527.50	1/28/1975	37.8	460 - 461, PART 462	PLAN 309	LEASE WITH MEAFORD LIONS CLUB FOR USE OF BARN FOR STORAGE	OCT/3/95, PERMISSION TO ARTHUR, MARY, PETER LAWSON TO CONTROL WEEDS ALONG PROPERTY LINE AND PLACE TWO HIVES OF HONEY BEES
16	Boat Lake	410254000322100	AMABEL	DAVID OTTEWELL			75%	$780	3/3/1966	32	58	2 NCD	TIMBER RIGHTS RESERVED FOR OTTEWELL AND HEIRS UNTIL 5/1/85 INCLUDING ACCESS TO ACQUIRE SAME	
16	Boat Lake	410254000322100	AMABEL	JOSEPH DOUCETT			75%	$350	7/15/1960	95	58	1 NCD	SEE ALSO DEED OF CORREDTION CORP. OF TWP. AMABEL TO J. DOUCETT INST.#16895 DATED JULY 11, 1960.	
17	Boat Lake	410254000407300	AMABEL	FRANCES BREADNER	CNSS	$3,593	75%	$13,500	7/4/1974	90	PT. 15	20	REF. PLANS - JUDGES PLAN #543 AND REG. S.M. PLAN #693 ; PARS OF BLOCKS F, G, H	AGAINST GSCA: RIGHT OF WAY THRU BLOCK H
18	Boat Lake	410254000410500	AMABEL	FRED BOWMAN	Private			$1 (DONATED)	1/7/1970	4.8	WOOD ISLAND	21	THIS DEED IS A QUIT CLAIM	
19	Boat Lake	410254000417800	AMABEL	ARCHIE PATTERSON	CNSS	$11,250	75%	$45,000	10/2/1972	175	13, PT.14	21	WITH ARCHIE & MILDRED PATTERSON ABOUT USE OF NW CORNER L14 C21 (DETAILS IN PROPERTY FILE) DATED 8/28/72	
20	Boat Lake	410254000419800	AMABEL	HARVEY MUIR	CNSS	$18,875	75%	$74,000	2/26/1974	423	11, 13, PT. 12 & 14	22		1) FAVOURS GSCA: RIGHT OF WAY OVER LOT 14; 2) FAVOURS

														ONT. HYDRO: RIGHT TO ERECT & MAINTAIN 1 ANCHOR (11/14/75)
21	Boat Lake	410254000421000	AMABEL	JOSEPH WOEHR			75%	$6,000	4/3/1968	163.5	PT.20 & 21; PT20	21 ; 22	WITH DUCKS UNLIMITED; 30 YR. AGR. (OCT.22, 1986) SEE FILE FOR DETAILS(OLIPHANT WETLANDS)	
22	Boat Lake	410254001700700	AMABEL	ETHEL MOORE - ESTATE			75%	EXPROPRIATION	5/2/1961	40	PT. 45	C		
22	Boat Lake	410254001700700	AMABEL	McBEAN, McAGARRITY			75%	EXPROPRIATION	5/2/1961	55.5	E PT. 40 &41	C		
22	Boat Lake	410254001700700	AMABEL	McBEAN & McGARRITY			75%	$85,000	12/4/1978	223	W PT.40 &41	C		AGAINST GSCA; RECREATIONAL USE OF PORTION OF PROPERTY & CABIN TO EMMETT McGARRITY & HEIRS TO END IN 1998
22	Boat Lake	410254001700700	AMABEL	OLIVER TRAFELET			75%	$40	8/24/1961	5.0	N1/2 PT. 39	C	WITH MOE CONCERNING WATER DAMMING-7/27/78	1) AGAINST GSCA: RIGHT OF WAY TO RIVER FOR TRAFELET & HEIRS 2) FAVOUR GSCA: FLOODING EASEMENT GRANTED BY TRAFELET FOR $60-6/14/60
22	Boat Lake	410254001700700	AMABEL	GEORGE TRAFELET			75%	$100	3/8/1961	5.0	S1/2 PT. 39	C	WITH MOE CONCERNING WATER DAMMING - 7/27/78	AGAINST GSCA: RIGHT OF WAY TO RIVER FOR TRAFELET & HEIRS
22	Boat Lake	410254001700700	AMABEL	ALFRED GOETZ			75%	$120	2/23/1961	30	PT. 42	C		FAVOUR GSCA: FLOODING EASEMENT GRANTED BY A. GOETZ FOR $60. DATED JUNE 15, 1960
22	Boat Lake	410254001700700	AMABEL	WILLIAM McKENZIE			75%	$120	8/24/1960	30	PT. 43	C		
22	Boat Lake	410254001700700	AMABEL	ERNEST McKNIGHT			75%	$545	5/23/1963	109	PT. 46,48,& 49	C		AGAINST GSCA: FAVOUR E. McKNIGHT FOR: 1) CUTTING FIREWOOD; 2) RENT FREE USE OF 5 AC FOR AGRICULTURE ; 3) RIGHTS OF WAY FOR ABOVE
22	Boat Lake	410254001700700	AMABEL	WALTER & BEN WILCOX			75%	$200	6/7/1963	40	PT. 47	C		AGAINST GSCA; FAVOUR VENDORS FOR LIFETIMES: 1) CUTTING FIREWOOD ; 2) RENT FREE USE

														OF 5 AC FOR AGRI. ; 3) RIGHTS OF WAYS FOR ABOVE
23	Boat Lake	410254001800100	AMABEL	MONTREAL TRUST CO.(D.U.)			50%	$24,070	3/29/1989	34.71	PT. 22	21	1) SEE PART 2 & 4 OF REF. PLAN 3R-1833 EXCEPT PART 1 & 2 REF. PLAN 3R-4396 2) WITH DUCKS UNLIMITED - 30 YR. AGR. (OCTOBER 22, 1986)	
24	Bognor Marsh	421051000108700	SYDENHAM	PERCY & MARG MINER			N/A	$300	2/8/1966	6.0	W 1/2 PT. 10	3		1) FAVOURS MINER & HEIRS - RIGHT OF ACCESS TO STREAM & USE OF WATER FOR LIVESTOCK & FARM PURPOSES; 2) AGAINST GSCA - MUST ERECT & MAINTAIN FENCING & GATES
25	Bognor Marsh	421051000300101	SYDENHAM	DONALD LEMON	CNSS	$3,125	75%	$12,000	11/30/1972	60	PT.14	3		AGAINST GSCA - MUST ERECT & MAINTAIN FENCE
26	Bognor Marsh	421051000502000	SYDENHAM	ORVAL & DELLA McMILLAN			75%	$1,600	4/2/1964	100	W1/2 9	4	SOLD PORTION TO CORP. OF COUNTY OF GREY FOR ROAD WIDENING PURPOSES	
27	Bognor Marsh	421051000502200	SYDENHAM	NORMAN WATERTON	N.C.C.	$3,984	75%	$15,000	10/31/1973	100	S 1/2 13	4		
27	Bognor Marsh	421051000502200	SYDENHAM	ROY & ALICE BENEDICT			75%	$3,000	6/2/1961	250	13, SW 1/4 14	5		
27	Bognor Marsh	421051000502200	SYDENHAM	ARTHUR CALVERT			75%	$800	4/6/1964	50	SE 1/4 14	5		
27	Bognor Marsh	421051000502200	SYDENHAM	DAVID FRIZZELL	CNSS	$2,910	75%	$150	12/22/1965	4	PT. 10	4		1) FAVOURS FRIZZELL & HEIRS - WATERING RIGHTS IN PERPETUITY & WATER FOR IRRIGATION
27	Bognor Marsh	421051000502200	SYDENHAM	IRENE RAWN			75%	$900	12/16/1965	50	PT. NE1/4 10	4		1) FAVOURS RAWN & HEIRS - RIGHT TO PASTURE CATTLE ON W PT. OF PROPERTY; RIGHT OF ACCESS TO WATER ON W PT. 2) FAVOURS GSCA - RIGHT TO RAISE WATER LEVEL OF CREEK
27	Bognor Marsh	421051000502200	SYDENHAM	ROY WATERTON	N.C.C.	$5,200	75%	$20,000	2/15/1977	100	N 1/2 12	4		
27	Bognor Marsh	421051000502200	SYDENHAM	MARGUERITE McMILLAN	N.C.C.	$2,250	55%	$13,000	12/8/1978	50	SW 1/4 12	4		
27	Bognor Marsh	421051000502200	SYDENHAM	MURRAY HEMSTOCK	CNSS	$2,910	75%	$12,350	1/27/1972	125	PT. 10	5		
27	Bognor Marsh	421051000502200	SYDENHAM	JOHN ANDERSON			75%	$250	6/20/1958	25	SE 1/4 11	5	DUCKS UNLIMITED- 25 YR. AGREEMENT PROVIDING FOR	

													CONSRUCTION OF A DAM ON PROPERTY (JULY 29, 1976)	
27	Bognor Marsh	421051000502200	SYDENHAM	JOHN GARDINER	N.C.C.	$1,575	75%	$8,200	12/14/1984	40	PT. 10	6		
27	Bognor Marsh	421051000502200	SYDENHAM	ORVILLE GILLIES			75%	$4,000	6/20/1958	125	NW1/4 10, S1/2 11	4		
27	Bognor Marsh	421051000502200	SYDENHAM	LEO BROWN			75%	$500	3/20/1959	25	PT. 11	4		
27	Bognor Marsh	421051000502200	SYDENHAM	MELVILLE McMILLAN			75%	$4,000	4/12/1960	100	N 1/2 11	4		
27	Bognor Marsh	421051000502200	SYDENHAM	JAMES MOFFATT			75%	$3,300	6/20/1958	50	SE 1/4 12	4		
27	Bognor Marsh	421051000502200	SYDENHAM	ALLAN McPHATTER			75%	$5,000	6/20/1958	125	PT. 10 & 11	5		
27	Bognor Marsh	421051000502200	SYDENHAM	ALEX CARMICHAEL			75%	$1,000	6/20/1958	50	PT. 11	5		
27	Bognor Marsh	421051000502200	SYDENHAM	JOHN LEMON			75%	$3,000	7/13/1959	200	12	5		
27	Bognor Marsh	421051000502200	SYDENHAM	JOHN LEMON			75%	$250	6/20/1958	25	PT. 11	5		
28	Brookholm	420358001202400	SARAWAK	JEAN ROSSITER	B.T.A.	$1,250	50%	$5,000	12/8/1972	25	PK. LT. 6-10	E. OF WEST ST.		
29	Bruce's Caves	420362000613301	KEPPEL	MURRAY FOX	N.C.C., B.T.A.	$11,800, $13,000	50%	$46,817.10	12/19/1984	85	PT. 12, 13, 14	25		
29	Bruce's Caves	420362000613301	KEPPEL	FRANK ANDERSON	F.O.N.	$1,000	75%	$14,000	3/18/1971	42	PT. 13, 14	25		FAVOURS ANDERSON & HAIRS - ROW PART LOT 13
29	Bruce's Caves	420362000613301	KEPPEL	MARJ KELLESTINE	NELAP		100%	$39,750	3/31/1989	110	PT.13, 14	25		
30	Christie Beach	421048000103300	ST. VINCENT	CORP. TOWN ST. VINCENT				$1	7/17/1972	2.5	BLOCK A	REG. PLAN 457	LANDS TO BE USED AS PUBLIC PARK ONLY, ELSE REVERT TO GRANTOR	
31	Clendenan	424200001119000	COLLINGWOOD	ALEX & KATHERINE REEKIE			70%	$17,500	12/16/1971	39.5	PT. 30	11		
31	Clendenan	424200001119000	COLLINGWOOD	CORP. TWP COLLINGWOOD			70%	$10,500	2/18/1972	12.62	PT. 30	11		FAVOURS KEN ALMOND & HEIRS - RIGHT TO CONSTRUCT & MAINTAIN WATER PIPE
31	Clendenan	424200001119000	COLLINGWOOD	CHAUCER & ANNE O'NEIL	CNSS	$2,700	70%	$7,500	2/2/1973	11.45	PT. 29	11		
31	Clendenan	424200001119000	COLLINGWOOD	CHAUCER O'NEIL			70%	$30,000	12/16/1969	52.65	PT. 30	11		FAVOURS ONT. HYDRO - RIGHT TO CUT AND REMOVE BRUSH AROUND TRANSMISSION LINE
32	Clarksburg	424200001208400	COLLINGWOOD	ARDIEL BROS. LTD.			50%	$2,000	11/10/1970	13	SEE NOTE	SEE NOTE	LOTS 5, 8, PT. 1 & 6 OF REG. PLAN 562; PT. LOT 21 OF REG. PLAN 159	1) FAVOURS ARDIEL LTD. - ACCESS TO BEAVER RIVER OVER LOT 6; 2) FAVOURS ARDIEL LTD. & HEIRS - USE OF LAND FOR 99 YRS IN LOTS 1 & 6 FOR AGRICULTURE
33	Clarksburg	424200001214001	COLLINGWOOD	EDWARD WILSON			50%	$840	8/19/1968	2.8	PT. 10	REG. PLAN 562	REG. PLAN 562 COLLINGWOOD TWP. (VILLAGE OF CLARKSBURG)	

34	Haines Dam	424200001224800	COLLINGWOOD	ARTHUR HAINES			75%	$70,000	4/3/1970	22.25	SEE NOTE	SEE NOTE	1) SOLD PT.1 REF. PLAN 16R-1455 TO TWP. COLLINGWOOD BY DEED DATED JUNE 21/79;2) SOLD PT. 2 REF. PLAN 16R-1455 TO T. KRITSCH BY DEED ON JUNE 21/79;3) SOLD PT. 3 REF. PLAN 16R-1455 TO COUNTY OF GREY BY DEED ON JUNE 21/79;$4) EXCHANGE OF LAND IN '81 BETWEEN GSCA & IAN SMITH (PT. LOT 9 REG PLAN 109 TO GSCA; PT. LOT 8 REG. PLAN 109 TO SMITH	SEE DEED IN PROPERTY FILE FOR DETAILS N.B. - PT. LOT 45, REG. PLAN 562 & LOTS 1 - 8 OF REG PLAN 109
34	Haines Dam	424200001224800	COLLINGWOOD	IAN SMITH			75%	$600	2/16/1981	0.07	PT. 9	REG PLAN 109	1) THIS LAND WAS OBTAINED THRU LAND TRADE BETWEEN SMITH AND GSCA - REG. PLAN 109 IN EXCHANGE; 2) SEE ALSO INST# 115350 (HAINES PROPERTY)	
35	Colpoy's Lookout	420362000644702	KEPPEL	NORMAN SPENCER			N/A	$1,000	5/30/1960	4	PT. 23	COLPOY'S RANGE	SEE AGREEMENT WITH PROV. OF ONT. SEPT. 26, 1960 IN PROPERTY FILE	
36	Colpoy's Lookout	420362000646400	KEPPEL	ROBERT WESTON	N.C.C.	$15,000	75%	$60,000	5/16/1975	19	PT. 24 & 25	COLPOY'S RANGE		
37	Epping-John Muir Lookout	420839000500800	EUPHRASIA	GERALD CORNFIELD			75%	$500	3/21/1963	2.54	PT. 19	4	DEED TO GERALD CORNFIELD	
37	Epping-John Muir Lookout	420839000500800	EUPHRASIA	GERALD CORNFIELD			75%	$4,500	10/30/1968	9.65	PT.19	4	DEED TO GERALD CORNFIELD	1) FAVOURS CORNFIELD: a) LEAVE FENCE INTACT UNTIL GSCA INSTALLS BOUNDARY FENCE; b) RIGHT TO DRAW WATER FROM WELL ON PROPERTY & MAINTAIN WATER PIPE LINE; 2) FAVOURS GSCA: INSTALL & MAINTAIN 1/2" WATER PIPE LINE TO WELL ON CORNFIELD PORTION OF LOT 19 (RIGHT TO DRAW WATER)
38	Eugenia Falls	420818000913700	ARTEMESIA	ONTARIO HYDRO			50%	$1	1/18/1968	4.47	PT.#3 MILL RES.	TOWN EUGENIA	PLAN 203-11452	
38	Eugenia Falls	420818000913700	ARTEMESIA	ONTARIO HYDRO			50%	$870	1/18/1968	52.4	PT.1,2,3,25,26	TOWN EUGENIA	1) ONT. HYDRO HAS NO LIABILITY FOR WATER DAMAGE; 2) ONT. HYDRO DOESN'T HAVE TO PROVIDE EXTRA WATER FROM LK. EUGENIA FOR SCENIC PURPOSES; 3) PLAN 203-11451	
39	Feversham	420814000606300	OSPREY	RUSSELL HUDSON	CNSS	$6,325	50%	$40,000	5/18/1973	100	18	11 NDR		
39	Feversham	420814000606300	OSPREY	FRED MARTIN	CNSS	$10,075	50%	$25,000	3/7/1973	94.8	PT. 17 & 18	10 NDR		

40	Madeleine Graydon	420814000602900	OSPREY	FRANK GUERRA	Senior League $3,000, A. Russell $100, S. Von Hermeann $100, A. Stone $1,000		50%	$13,158	6/6/1986	7.9	PT. 15	9 NDR	PART OF PART 2 OF REG. PLAN 17R-907	
40	Madeleine Graydon	420814000602900	OSPREY	ALBERT WRIGHT	W.S. McLeese $100, B. Smith $100,D. Emond $50, S. Buckingham $500		50%	$5,100	5/29/1986	3.2	PT. 15	9 NDR		
40	Madeleine Graydon	420814000602900	OSPREY	C. COLLINS & J. INGLIS	M. Irwin $2,000, Grayalex Invest. $72,773.73, S. Harrison $100, M. Kirk $200,		50%	$31,500	5/29/1986	19.75	PT. 15	9 NDR	PART OF PART 2 REG. PLAN 17R-1907	
40	Madeleine Graydon	420814000602900	OSPREY	MEARLE IRWIN	Wm Wilson $100, E.P. Horton $4,500, W. Finlay $50, J. Brunning $50,	4700	50%	$20,000	6/6/1986	3.84	PT. 15	9 NDR	SEE PART 2 REG. PLAN 17R-907	
40	Madeleine Graydon	420814000602900	OSPREY	HAROLD PARKER	Private - A. Sivell $500, C. Dobson $250, A. Bennet $25, A. Stone $1,000,	1775	50%	$16,000	1/15/1987	2.05	PT.15	9 NDR	PART 1 OF REG. PLAN 17R-1494	
41	Fishing Islands	410259000112601	ALBEMARLE	CORP. TWP. OF ALBEMARLE			75%	$600	9/19/1972	6.8	23A, 23B, 23C	ISLAND		
42	Fishing Islands	410259000113300	ALBEMARLE	CORP. TWP. OF ALBEMARLE			70%	$200	12/22/1975	0.4	27A	ISLAND		
42	Fishing Islands	410259000113300	ALBEMARLE	JOE SEGER	CNSS	$600	70%	$2,000	2/4/1975	1.5	27	ISLAND		
43	Fishing Islands	410259000113500	ALBEMARLE	ALAN FRASER	CNSS	$900	75%	$3,000	7/13/1973	12.5	28, 28A	ISLAND		
44	Fishing Islands	410259000113700	ALBEMARLE	JOE SEGER	CNSS	$1,337.50	70%	$5,000	2/4/1975	5.5	29A	ISLAND		
45	Fishing Islands	410259000114100	ALBEMARLE	CORP. TWP. OF ALBEMARLE	N.C.C.	$1,125	75%	$1,200		5.7	32A, B, C, D, E ,F	ISLAND	NOTE: INST.# & REG. DATE- 132222 - 12/22/75, 134877 - 04/05/76, 132220 - 12/22/75, 132223, 132224, 132225 - 12/22/75	
45	Fishing Islands	410259000114100	ALBEMARLE	CORP. TWP. OF ALBEMARLE	N.C.C.	$125.00	75%	$200	4/5/1976	0.5	32H	ISLAND		
46	Fishing Islands	410259000115300	ALBEMARLE	CORP. TWP. OF ALBEMARLE			50%	$200	12/22/1975	1.1	41A	ISLAND		

46	Fishing Islands	410259000115300	ALBEMARLE	JEAN DURANCE			50%	$4,500	3/6/1970	15.5	41	ISLAND		
47	Fishing Islands	410259000117000	ALBEMARLE	JEAN DURANCE			75%	$15,000	4/26/1971	7.2	49 B, C, E, F, G	ISLAND		
48	Fishing Islands	410259000117100	ALBEMARLE	CORP. TWP. OF ALBEMARLE			50%	$3,000	5/1/1969	7.75	50	ISLAND		
49	Flesherton	420818000209602	ARTEMESIA	CHRISTOPHER DEV. LTD.			50%	$5,750	11/8/1971	22.5	W 1/2 153	2 ETSR		
49	Flesherton	420818000209602	ARTEMESIA	JUNE BERNHARD			50%	$5,750	11/8/1971	22.5	W 1/2 152	2 ETSR		
50	Flesherton	420818001027801	VILL. FLESHERTON	J.ROBINSON			75%	$8,000	4/3/1970	26.90	PT. 153	1 ETSR		
51	Gleason Brook	420362000606700	KEPPEL	JOHN MILLER	CNSS	$1,125	75%	$4,500	3/13/1972	49.33	PT. 11	22	AGR. WITH TWP. KEPPEL FOR GRAVEL PIT EXTRACTION FROM APRIL 1, 1981 TO MARCH 31, 1982	AGAINST GSCA: FAVOURS MOT - EXPROPRIATION AGR. 15872 MARCH 25, 1947
51	Gleason Brook	420362000606700	KEPPEL	BRUCE GALLOWAY			75%	$6,500	3/17/1970	105	E 1/2 11, PT.12	22		
52	Gleason Brook	420362000607700	KEPPEL	ROY ASHCROFT			75%	$3,000	7/22/1968	49	W 1/2 16	22		FAVOURS ONT. HYDRO - RIGHT TO ERECT & MAINTAIN 1 ANCHOR (NOV./88) IN PERPETUITY
53	Oxenden Creek	420362000629505	KEPPEL	DAVID MALLARD			N/A	$8,000	8/28/1970	3.45	PT. 5	REG. PLAN 483		
54	Gowan Lake	420362000717400	KEPPEL	CHARLES SPICER			75%	$5,000	8/2/1968	200	27 & 28	22		
55	Griersville	420839000306100	EUPHRASIA	R & I TOMLINSON, G.GORING	CNSS	$5,500	75%	$22,000	2/28/1973	100	W 1/2 30	5		
56	Rocklyn Creek	420839000800801	EUPHRASIA	LAVERNE WYVILLE	B.T.A.	$1,700	75%	$6,800	1/27/1972	34	PT.28	8	PERMANENT ROW FOR BTA ALONG BRUCE TRAIL AS PER DONATION OF $1 700 (JAN.12/72)	FAVOURS GSCA: ROW FOR ACCESS TO PROPERTY
57	Griersville	421048000204201	ST. VINCENT	GEORGE CRAMP	B.T.A.	$5,625	75%	$30,000	9/26/1972	95	PT. 1	5		FAVOURS ONT. HYDRO - RIGHT TO INSTALL & MAINTAIN 1 ANCHOR (APRIL 27, 1973)
57	Griersville	421048000204201	ST. VINCENT	HAROLD CRAMP			75%	$30,000	11/23/1972	96	W 1/2 PT. 1	5		FAVOURS CRAMP & HEIRS - RIGHT TO MAINTAIN A WELL & PIPES & DRAW WATER
58	Hibou	421051000815800	SYDENHAM	JAFFRAY RUTHERFORD			75%	$46,000	5/6/1974	146	PT. 25	10		
58	Hibou	421051000815800	SYDENHAM	ALLAN McINTOSE, J. McKAY	$5,000 Private, $24,938 Owen Sound	$29,938	75%	$216,000	6/15/1973	182	36, 37, B.F.	11	1) LOTS PT. 36, 37 - B.F.; PK. LOTS A & B - SQUAW POINT; NW 1/2 ROAD ALLOWANCE- BETWEEN LOT 25 CONC. 10 & 37 B.F.; 2) SEE PROPERTY FILE FOR LIST OF ALL AGREEMENTS	
58	Hibou	421051000815800	SYDENHAM	JAMES MacDOUGALL	Owen Sound		75%	$65,000	12/10/1975	1.38	PT. PK. LOT A	SQUAW POINT		
59	Bayshore	425901000400600	OWEN SOUND	RUSTIC WOOD CANADA LTD.	Owen Sound		70%	$67,500	10/7/1975	2.265	PT. MARSHLANDS	W OF WATER ST.	LONG TERM LEASE TO CITY OF O/S	FAVOURS GSCA - ROW FOR ACCESS

60	Hodgins Lake	410254001908400	AMABEL	HAROLD MOUNTAIN	CNSS	$4,125	75%	$16,500	6/23/1974	93	PT.24	25	PROPERTY DOES NOT INCLUDE PART 3 REF. PLAN OF EXPROPRIATION 776 COUNTY OF BRUCE	
61	Hodgins Lake	410259000311700	ALBEMARLE	CHARLES REID	CNSS	$10,687	75%	$42,750	1/23/1973	225	27, 28, 29	4 WBR		
62	Holland Centre	420436000510600		JEAN WEBSTER			75%	$2,000	8/26/1959	47	PT. 15	1 NETSR	1) SOLD TO PROV. ONT. PT. LOT 15 (PT. 7 ON REF. PLAN 16R-719) FOR ROAD CONSTRUCTION (HWY#10). SEE PURCHASE AGR. DATED JUNE 9, 1978 (0.261 ACRES); 2) AGREEMENT WITH MNR (INST# 175995 CONCERNING RELEASE OF LAND SOLD IN 1 ABOVE 3) Not on record but communal water system starts at springs with 4" pipe running down stream bed - under HWY and supplying water to 5 or 6 homes, Robert Comber initiated installment early 1970's under LIP grant. Seen by John Bittorf in 2001	
64	Indian Creek	420362000421800	KEPPEL	JOHN IRELAND			75%	$3,000	11/16/1970	55	N 1/2 34	14		FAVOUR ONT. HYDRO: TO INSTALL & MAINTAIN 2 ANCHORS (SEPT.'85)
65	Indian Falls	420358000314500	SARAWAK	ARTHUR VAUGHAN			50%	$150	3/18/1963	0.513	PT. 17	2	EXPROPRIATION OF ABOVE LAND FROM VAUGHAN	
65	Indian Falls	420358000314500	SARAWAK	H. VAN WYCK & W. TELFORD			50%	$3,000	7/17/1963	28.75	PT. 16, PT. 16	2 & 3	WITH TWP. SARAWAK FOR LEASE OF PT. LT. 16 CONC. 3	
65	Indian Falls	420358000314500	SARAWAK	GLEN CATTO			50%	$150	4/30/1964	0.63	PT. 17	3		
66	Inglis Falls	420354000106100	DERBY	VICTOR & HAZEL INGLIS			50%	$5,600	11/27/1961	37.2	PT. 11 & 12	2 &1 RESPECTIVELY	SOLD TO VICTOR JOSEPH & KATHLEEN ARMSTRONG 0.1 AC DESIGNATED PART 1 REF. PLAN 16R-3166 (JUNE 7/88) TO CORRECT PROPERTY LINE - $200 FOR LAND COST	
66	Inglis Falls	420354000106100	DERBY	ERNEST FRAY			50%	$11,000	1/24/1969	86	PT.N1/2 12,S1/2 13	1		1) AGAINST GSCA - A) FAVOURS FRAY R-O-W; B) WARD DODGSON & HEIRS - RIGHTS TO SPRING WATER ON LOT 13 & RIGHTS TO INSTALL PIPES & POWER LINES TO SPRINGS; C) FAVOURS ONT.HYDRO - RIGHT TO INSTALL & MAINTAIN 5 ANCHORS ON LOT 13 (FEB 5 /80) ; 2) FAVOURS GSCA - ROW OVER ESTABLISHED ROAD ON S 1/2 LOT 13, CONC. 1)

66	Inglis Falls	420354000106100	DERBY	VICTORIA & GREY TRUST CO.			50%	$4,000	9/18/1964	19.1	PT. 13	1		
66	Inglis Falls	420354000106100	DERBY	J. ROBERTS & L. SPRUNG			50%	$300	6/1/1962	0.14	PT.11	2		
66	Inglis Falls	420354000106100	DERBY	MARGARET EVANS			50%	$3,000	4/2/1970	6.0	PT. 11	2		
66	Inglis Falls	420354000106100	DERBY	JARVIS SMITH			50%	$800	10/11/1960	2.4	PT. 10 & 11	2		AGAINST GSCA: 1) FAVOURS PUC OF OWEN SOUND - WATER RIGHTS - INST.# 10355, JAN. 29/54 2) EXPROPRIATION BY-LAW 4265, NOV.10/1903
66	Inglis Falls	420354000106100	DERBY	VICTOR INGLIS			50%	$2,700	6/18/1963	15.7	PT. 11	2		
66	Inglis Falls	420354000106100	DERBY	STOBBE CONST. LTD.(EXPR)			50%	$30,500	6/18/1965	29.5	PT. 14	1	1) SEE ALSO STOBBE, INST.#87973, CITY OF OWEN SOUND	
66	Inglis Falls	420354000106100	DERBY	Keeling, Burns, Burlington & Lumley Limited	Keeling, Burns, Burlington & Lumley Ltd	$125,000		$2	9/8/1999	70.5	Pt. 11	1		
66	Inglis Falls	420354000106100	Derby	Rodney Saunders & Margaret Hunt	Ontario Heritage Foundation	84138.78	100	83263.66	4/30/1998	21.5	Pt 12	1		
66	Inglis Falls	420354000106100	DERBY	PUC OF OWEN SOUND			50%	$2,000	4/20/1961	34.4	PT. 10 & S 1/2 11	1	SOLD PROPERTY TO KEN WELLER IN 1975 FOR $100 LAND COST (0.6 AC - PT. LOT 11, CONC. 1)	AGAINST GSCA - FAVOUR PUC: 1) UNCONTROLLED RIGHT TO RAISE/LOWER WATER; 2) RIGHT TO CONSTRUCT OR DISMANTLE NEW DAM(S); 3) RIGHT OF WAY ACCESS FOR 1 & 2 ABOVE
66	Inglis Falls	420354000106100	DERBY	PUC OF OWEN SOUND	N.C.C.	$7,475	50%	$35,800	2/11/1974	166.12	PT. 9, 10 & 11	1	EXCHANGE OF LAND BETWEEN GSCA & PETER MICHAEL & LENORE POOLE IN FEB. '84 CONCERNING LOT 10, CONC. 1 AS PER PLAN 16R-2362; PT. 3 TO POOLE & PT. 1 TO GSCA. SEE ALSO INST#223880 FEB. 27/84 - QUIT CLAIM BY POOLES TO GSCA	1) FAVOURS GSCA - LAY & MAINTAIN WATERPIPE OVER LOT 10, CONC. 1; 2) FAVOURS PUC - R-O-W LOT 11, CONC. 1; 3) FAVOURS ONT. HYDRO - RIGHT TO ERECT & MAINTAIN 1 ANCHOR ON LOT 9 CONC. 1
66	Inglis Falls	420354000106100	DERBY	WILBERT & EDITH HICKS			50%	$450	3/29/1962	3.4	PT. 10	1		
66	Inglis Falls	420354000106100	DERBY	WILBERT & EDITH HICKS			50%	$2,550	3/29/1962	17	PT.10	1		

66	Inglis Falls	420354000106100	DERBY	BLANCHE JOHNSON			50%	$1,000	5/10/1960	30	PT.11	1	INST# 66131, 5/10/60, WALTER COLLIE TO GSCA - GIVEN TO CLARIFY TITLE TO ABOVE PROPERTY	FAVOUR GSCA - R-O-W OVER S 1/2 LOT 11
66	Inglis Falls	420354000106100	DERBY	JAMES CLARKE			50%	$3,500	6/3/1960	16.4	PT. 12	1		AGAINST GSCA - FAVOURS JIM CLARKE - INSTALL & MAINTAIN UNDERGROUND WATER PIPE FROM SYDENHAM RIVER
66	Inglis Falls	420354000106100	DERBY	JOHN HUTTON			50%	$1,400	1/26/1962	1	PT.12	1		
66	Inglis Falls	420354000106100	DERBY	W. WALPOLE & G, ALEXANDER			50%	$500	2/16/1973	1.8	PT. 13	1		
67	Isaac Lake	410254000431900	AMABEL	WILLIAM PRESTON	CNSS	$1,575	75%	$6,300	12/22/1972	43	17	25		
68	Isaac Lake	410259000302100	ALBEMARLE	ROBERT HURST			75%	$3,200	12/28/1967	30	PT. 30, 31	1 WBR	WITH HURST ALLOWING FARMING ON LOT 31 AS LONG AS HE ACTIVELY FARMS THE BALANCE OF HIS FARM (LETTER 12/6/67)	FAVOURS HURST & HEIRS - ROW TO ISAAC LAKE FOR PURPOSES OF WATERING LIVESTOCK
68	Isaac Lake	410259000302100	ALBEMARLE	ROBERT HURST			75%	$10,000	12/4/1964	167	PT. 26,27,28,29	1 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE	N.C.C.	$6,200	75%	$700	12/22/1975	1.25	27, PT.6-SEE NOTE	2 WBR	NOTE: IN REFERENCE TO ALL PROPERTIES OF ROLL # 3-031; THEY ARE COUNTED FROM THE LOT 26 END BEING PART 1 AND THE LOT 28 END BEING PART 10	
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE			75%	$700	12/22/1975	1.25	27, PT.3	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE			75%	$700	12/22/1975	1.25	27, PT.8	2 WBR	DEPOSIT #135620 06/04/76 TO CORRECT ERROR IN INST.# 132218	
69	Isaac Lake	410259000303100	ALBEMARLE	JOSEPHINE DEBONE			75%	$300	4/17/1972	1.21	27, PT.7	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	WOLFGANG FAHRNLAENDER	N.C.C.	$475	75%	$500	1/11/1978	2.0	27, PT.5	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CLARENCE VAN WYCK	Van Wyck			$1 (DONATED)	9/23/1966	1.8	27, PT.2	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE			75%	$242.61	12/5/1966	N/A	28,PT.2,8 & 29, PT.3	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE			75%	$101.46	12/5/1966	N/A	29, PT.8, 9	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	GORDON KYDD			75%	$1,000	2/4/1975	3.5	29, PT.5	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	LEOPOLD ANTHES			75%	$150	4/27/1973	3.5	29, PT.1	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	RONALD ANDERSON			75%	$300	3/24/1972	3.5	29, PT.4	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	DEL SIMPSON			75%	$200	1/15/1970	3.5	29, PT.6	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	N. GUINANE, ROB ROGER	N.C.C.	$475	75%	$1,000	11/18/1976	4.8	28, PT.9, 10	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	JOHN PRESTON	N.C.C.	$5,250	75%	$20,000	2/27/1977	37.0	PT.30	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE				$750 (DONATED)	12/30/1983	1.25	PT.27	2 WBR		
69	Isaac Lake	410259000303100	ALBEMARLE	CORP. TWP. OF ALBEMARLE	Albemarle		100%	$750	12/30/1983	2.4	PT.28	2 WBR		
70	Isaac Lake	410259000407700	ALBEMARLE	WILLIAM CRAMM	CNSS	$4,532	75%	$17,280	2/1/1973	96	24	2 EBR		

71	Kemble Mountain	420362000718900	KEPPEL	W.J. ELMO DAVENPORT	B.T.A.	$450	N/A	$1,500	4/21/1971	25	NE 1/2 39	22		
71	Kemble Mountain	420362000718900	KEPPEL	ROBERT EDMONSTONE			100%	$1	9/27/1971	125	PT. 40	22		INST.# 125072 - ACCESS TO LOT 39 CONC. 22 GSCA PROPERTY
72	Kemble Mountain	420362000719000	KEPPEL	WALLACE DANARD			100%	$900	3/11/1971	12	PT. 42	22		
72	Kemble Mountain	420362000719000	KEPPEL	JOHN TAYLOR	N.C.C.	$2,820	75%	$11,500	1/2/1973	98	PT. 41	22	SEE INST. #57732 (TWP. KEPPEL ROAD CONVEYANCE)	AGAINST GSCA: FAVOURS DANARD TO CONVEY WATER FROM SPRING ON PROPERTY AS DESCRIBED IN INST.# 10972
73	Kemble Mountain	420362000808400	KEPPEL	WILBUR TAYLOR	N.C.C.	$3,000	50%	$6,000	11/20/1972	50	S 1/2 40	23		
74	Kemble Mountain	420362000808700	KEPPEL	HERBERT DANARD	Private	$625	75%	$2,500	12/22/1970	50	S 1/2 42	23		FAVOURS DANARD - RIGHT TO USE FOR PASTURE CLEARED PORTIONS OF LOT 42 DURING LIFETIME WITH NO REFORESTATION OF THESE PORTIONS DURING THIS TIME
74	Kemble Mountain	420362000808700	KEPPEL	JAMES HUTCHISON	N.C.C.	$3,000	75%	$11,500	5/18/1973	100	41	23		
75	Shouldice Wetland	420362000222400	KEPPEL	NORMA RUTHVEN& C. ROY			75%	$800	5/4/1967	98	PT. 9	1 SCD		
76	Hepworth Creek	420362000312500	KEPPEL	MAURICE McINNES			75%	$760	12/12/1958	95	16	15		
77	Hepworth Creek	420362000314800	KEPPEL	ALFRED WELLS			75%	$350	8/29/1968	50	N 1/2 14	16		
78	Keppel Forest	420362000507600	KEPPEL	LYDIA SCHULTZ			75%	$1,000	7/7/1965	100	7	19		
79	Black's Creek	420814000607800	OSPREY	ALAN & HELENA SHORT			75%	$1,200	3/8/1963	79	PT. 6	11 NDR		
80	Little Germany	420814000804800	OSPREY	RON & ISABEL FROOK	N.C.C.	$12 305	75%	$48,450	7/6/1984	161.5	N 1/2 2, 3	14 NDR		
81	Little Germany	420814000805100	OSPREY	ROBINSON, MYATT & HARRIS			75%	$3,000	7/7/1966	107	4	14 NDR		
82	Little Germany	420814000805400	OSPREY	DAVID McNICHOL			50%	$756	12/30/1958	54	N 1/2 7	14 NDR		
83	Kolapore Uplands	420814000806200	OSPREY	GLEN WRIGHT			75%	$2,500	3/6/1964	112	12	14 NDR		
84	Kolapore Uplands	420814000806500	OSPREY	JOHN McLEAN			75%	$3,000	10/25/1962	114	15	14 NDR	1) WITH MNR TO RELEASE PART LOT 15 CONC. 14 DESIGNATED AS PART 5,6 ON REF. PLAN 17R-277 BEING 4.004 ACRES (INST.# 103804, NOV. 2, 1977) GSCA PAID MNR $705; 2) SOLD TO CORP. OF COUNTY OF GREY 4.004 ACRES AS PER 1 ABOVE IN 1978 FOR $1305	
85	Rob Roy	420814000907600	OSPREY	McCARL BROTHERS			75%	$1,053	2/19/1960	117	28	14 NDR		

86	Black's Creek	420818000935700	ARTEMESIA	ROBINSON, MYATT, HARRIS			75%	$3,000	1/25/1967	350	W1/2 35,36,37,38	12	SEE REG. PLAN 831 LOT 5 & 7 N.B. - ROLL # 9-357-01 REFERS TO LOTS 36, 37 & 38 OF CONC. 12; TAXES - $1484.72	ONT. HYDRO-OCCUPATION ALLOWANCE AND RIGHT TO CUT BRUSH ON W 1/2 LOT 35 CONC. 12 (DATED 2/25/75; 3/12/75)
88	Little Germany	420818000940400	ARTEMESIA	GEORGE BOGDON			75%	$350	3/5/1958	53.5	N 1/2 35	14		
89	Little Germany	420818000940500	ARTEMESIA	TED KERR			75%	$2,500	3/25/1965	106	36	14		
90	Little Germany	420818000940800	ARTEMESIA	EVERETT & EVA PRENTICE			75%	$2,400	1/28/1966	108	38	14		
90	Little Germany	420818000940800	ARTEMESIA	WILLIAM SANDERSON			75%	$2,300	4/20/1965	109	39	14	OIL LEASE IN FAVOUR GSCA; #3637, 11/28/57	AGAINST GSCA - FAVOUR SANDERSON - RIGHT OF WAY TO AND CONVEYANCE OF WATER FROMSPRING BY MEANS OF DITCH OR TILE
90	Little Germany	420818000940800	ARTEMESIA	DAVID McNICHOL			75%	$2,200	6/15/1960	110	40	14		
91	Little Germany	420839000100200	EUPHRASIA	MARY ANN FAWCETT			50%	$550	4/9/1964	50	PT.1	1		
91	Little Germany	420839000100200	EUPHRASIA	EMMANUEL DOBSON			50%	$700	6/29/1964	50	PT. 1	1		
91	Little Germany	420839000100200	EUPHRASIA	WILLIAM MACKEY			50%	$2,000	8/16/1961	100	N 1/2 3	1		
91	Little Germany	420839000100200	EUPHRASIA	JOHN W. ROBINSON			50%	$5,000	1/22/1962	300	2 & S1/2 3	1		
92	Kolapore Uplands	424200000404700	COLLINGWOOD	HERBERT BLAKEY			75%	$1,400	8/22/1962	100	S 1/2 8	5		
93	Kolapore Uplands	424200000406300	COLLINGWOOD	JOHN GOUDY			75%	$1,900	4/4/1960	100	N 1/2 4	6		
94	Kolapore Uplands	424200000407300	COLLINGWOOD	J.W.ROBINSON LTD.			75%	$1,000	9/13/1965	50	PT. 7	6		
95	Kolapore Uplands	424200000409600	COLLINGWOOD	ROY BULLOCK			75%	$900	12/22/1964	75	PT. 6	7		
95	Kolapore Uplands	424200000409600	COLLINGWOOD	ALAN SHORT			75%	$2,500	5/18/1967	100	W 1/2 6	7		
96	Kolapore Uplands	424200000410100	COLLINGWOOD	JAMES EDWARD HALL			75%	$1,700	9/4/1959	100	S 1/2 8	7		
97	Kolapore Uplands	424200000703800	COLLINGWOOD	WILLIAM CROCKFORD			75%	$300	5/30/1966	16	PT. 2	8		
97	Kolapore Uplands	424200000703800	COLLINGWOOD	EILEEN HELEN WRIGHT			75%	$720	8/9/1960	72	PT. N 1/2 2	8		
98	Little Germany	424200000906100	COLLINGWOOD	WILBERT DOBSON			50%	$1,600	2/27/1963	100	S 1/2 1	11		
99	Little Germany	424200000907600	COLLINGWOOD	LLOYD REDFORD			50%	$1,500	7/7/1964	98	PT. E 1/2 6	11		
100	Lake Charles	420362000612800	KEPPEL	LAKE CHARLES COMM. CLUB			50%	$500	8/5/1964	5.88	PT. 24	24		
100	Lake Charles	420362000612800	KEPPEL	RUSSELL LOBBAN			50%	$25	9/24/1964	0.086	PT. 24	24		
101	Bass Lake	420362000425600	KEPPEL	PERCY GARVIE			75%	$1,500	5/10/1967	100	27	16		

102	Bass Lake	420362000425800	KEPPEL	WALT, SAM, LARRY JONES			N/A	$2,940	4/6/1970	110	W PT. 29, PT. 30	16		
103	Bass Lake	420362000703200	KEPPEL	MURPHY & JOLLEY	N.C.C.	$788	75%	$3,000	1/25/1974	50	S 1/2 29	17		
104	Bass Lake	420362000703400	KEPPEL	ALEXANDER McGREGOR			75%	$1,200	11/25/1969	44	S 1/2 PT. 30	17		
104	Bass Lake	420362000703400	KEPPEL	LANCELOT GOODFELLOW			75%	$700	4/3/1967	50	N 1/2 30	17		
104	Bass Lake	420362000703400	KEPPEL	ROBERT SINCLAIR			75%	$1,000	4/20/1965	100	30	18		
105	Bass Lake	420362000707500	KEPPEL	JESSE & OLIVER WEST			75%	$10,000	4/3/1970	150	31, W 1/2 32	18		1) AGAINST GSCA: a) FAVOURS WESTS - RIGHT TO TAKE WATER FROM SPRING ON LOT 32 & RIGHT TO WATER CATTLE ON LOT 32 BELOW ESCARPMENT; b) SUBJECT TO TERMS IN INST.#11731 REG. DEC. 11, 1919; c) LOT 31 CONC. 18- INST. DATED FEB. 22, 1905 (ABELL TO JENNINGS) CONCERNING TIMBER RIGHTS & ROW TO ABELL; d) LOT 32 CONC. 18 - INST.#11487 DEC.3, 1918(CLARK TO WEST) RETAINING FOR CLARK THE RIGHT OF HOUSE REMOVAL ON PROPERTY; e) FOR c) & d) ABOVE SEE LAWYER LETTER JAN. 27, 1970 IN FILE
106	Bass Lake	420362000709400	KEPPEL	BRUCE TRAIL ASSOC.	BTA			$2	2/7/2000	190	30, 31, S Pt. 29, Pt. 32	19	To uphold original agreement between MNR and BTA that the lands be used for recreation, conservation and preservation of the natural habitat	
107	Massie Hills	421051000201000	SYDENHAM	HUDSON & HILDA STOUT			50%	$3,900	3/24/1958	300	5, E 1/2 6	8		
107	Massie Hills	421051000201000	SYDENHAM	ORVILLE GILLIES			75%	$1,500	3/8/1965	50	PT. 4	8		
108	Massie Hills	421051000509100	SYDENHAM	ROBERT McLEAN			75%	$1,500	6/28/1961	150	S 1/2 5, PT. 4	7		FAVOURS ONT. HDRO - RIGHT TO ERECT & MAINTAIN

														1 ANCHOR ON LOT 5 (SEPT. 11/87)
108	Massie Hills	421051000509100	SYDENHAM	JOHN LEMON			75%	$250	1/20/1961	25	PT. 4	7		
108	Massie Hills	421051000509100	SYDENHAM	MADELINE ROSENBERG			75%	$500	2/20/1963	50	PT. 4	7		
109	Skinner Marsh - McNab Lake	420362000226900	KEPPEL	HOWARD McNABB			75%	$4,500	7/22/1968	109.3	PT. 21 & 22	1 SCD		
109	Skinner Marsh - McNab Lake	420362000226900	KEPPEL	ERNEST SHIPLEY			75%	$750	2/4/1969	25	NW PT. 20	1 SCD		
109	Skinner Marsh - McNab Lake	420362000226900	KEPPEL	JAMES ELLIOTT	CNSS	$3,000	75%	$11,750	11/1/1972	90	24, PT. 23	1 NCD	DUCKS UNLIMITED (APRIL 1985)	FAVOURS GSCA AS PER INST.# 78235 FOR ACCESS
109	Skinner Marsh - McNab Lake	420362000226900	KEPPEL	HAREY & GEORGE CRAGG			75%	$2,575	4/9/1959	200	21, 22	1 NCD	DUCKS UNLIMITED (APRIL 1, 1985)	
109	Skinner Marsh - McNab Lake	420362000226900	KEPPEL	JAMES & MARY ELLIOTT			75%	$3,000	5/3/1963	149	PT. 23, 26	1 NCD	DUCKS UNLIMITED (APRIL 1, 1985)	1) FAVOUR ELLIOTS & HEIRS - ROW ALONG ROADWAY IN LOT 23; 2) AGAINST GSCA - ERECT FENCE ALONG WEST LIMIT LOT 23
110	Skinner Marsh - McNab Lake	420362000227700	KEPPEL	LLOYD & JOHN GREEN			75%	$800	3/29/1963	50	W 1/2 25	1 NCD		
111	Skinner Marsh - McNab Lake	420362000300700	KEPPEL	CARMAN & MARY HARRISON			75%	$1,400	10/20/1965	95	PT. 28	2 SCD		FAVOURS ONT. HYDRO: INSTALL & MAINTAIN 1 ANCHOR (APRIL 6, 1965)
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	JAMES MONAHAN			75%	$100	7/6/1966	7.5	PT. 26	1 SCD		
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	GORDON McCARTNEY			75%	$700	11/1/1965	58	PT. 28	1 SCD		1) AGR. WITH GSCA TO FENCE LANDS; 2) FAVOURS GSCA: ROW ACCESS TO PROPERTY THRU LOTS 28, 29, CONC.1; 3) AGAINST GSCA: FAVOURS McCARTNEY & HEIRS - ACCESS TO WATER ON GSCA LAND FOR LIVESTOCK & RIGHT TO ALL STANDING CEDARS ON SE CORNER OF GSCA LAND

112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	WILLIS SPENCER			75%	$250	3/24/1965	50	N 1/2 27	1 SCD		AGAINST GSCA: 1) FAVOUR SPENCER - ACCESS TO WATER FOR LIVESTOCK IN GSCA DESIGNATED AREAS & GSCA TO ERECT & MAINTAIN FENCE
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	LORNE & BERT CARSON			N/A	$100	11/18/1965	50	S 1/2 27	1 NCD		
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	JEAN & ARTHUR LUNDY			N/A	$190	11/1/1965	19	PT. 28	1 NCD		1) FAVOURS LUNDY & HEIRS - a) RIGHT OF ACCESS TO WATER FOR LIVESTOCK; b) RIGHT TO CUT & REMOVE TIMBER SO LONG AS THEY RETAIN OWNERSHIP IN PART OF LOT 28
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	ANNIE HEATHERS			75%	$250	3/31/1965	50	E 1/2 26	2 NCD		FAVOURS HEATHERS & HEIRS ACCESS OVER GSCA LAND TO WATER CATTLE
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	WILLIAM & ELAINE CATTO			75%	$1	12/15/1967	25	W 1/2 26	2 NCD	AGREEMENT WITH CATTO TO PAY $300 FENCING COST	GRANTORS & HEIRS ROW OVER ROADWAY AS REFERRED TO IN INST.# 87042 TO WATERHOLE FOR PURPOSE OF WATERING CATTLE
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	GEORGE RITCHIE			75%	$130	4/18/1963	130	24, 25	2 NCD	PURCHASED TIMBER RIGHTS - BOGDON & GROSS FURN. CO. INST.# 78022 APRIL 18/63 FOR $3500; DUCKS UNLIMITED (APRIL 1, 1985) 30 YR	
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	GEORGE BOSWELL			N/A	$150	3/17/1965	30.4	PT. 11	13		
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	LAURA & STEPHEN McNEIL	N.C.C.	$14,481	75%	$53,625	7/16/1975	325.8	PT. 12; 13, 14	13	DUCKS UNLIMITED (APRIL 1, 1985)]	
112	Skinner Marsh - McNab Lake	420362000308900	KEPPEL	RMGS REALTY LTD.			N/A	$1,200	2/8/1972	25	PT. 15	13	DUCKS UNLIMITED (APRIL 1, 1985)	
113	Skinner Marsh - McNab Lake	420362000400300	KEPPEL	THOMAS PATERSON			75%	$2,500	12/2/1959	160	21 & 22	2 NCD	DUCKS UNLIMITED (APRIL 1, 1985)	
113	Skinner Marsh - McNab Lake	420362000400300	KEPPEL	NORMAN SHOULDICE	CNSS	$1,750	N/A	$6,405	2/2/1973	70	PT. 16	12		FAVOURS OTHER OWNER OF PT. LOT 16 CONC. 12- ROW FOR ACCESS

113	Skinner Marsh - McNab Lake	420362000400300	KEPPEL	JELLE DEVRIES	CNSS	$1,025	N/A	$3,600	2/2/1973	40	PT. 15	12	DUCKS UNLIMITED (APRIL 1/85)	
114	Skinner Marsh - McNab Lake	420362000404700	KEPPEL	MILTON & F. BELLAMY			75%	$50	10/7/1963	6	PT. 15	11		
115	Mill Dam	425903001904900	OWEN SOUND	CORP. CITY OWEN SOUND	Owen Sound		N/A	$2	4/17/1973	1.5	MILL RESERVE	OWEN SOUND	SEE REF. PLAN SURVEY 100-058A DEC. 28, 1988 FROM IVAN DINSMORE LTD. CONCERNING DESCRIPTION OF ABOVE PROPERTY	
117	Old Baldy	420839000106000	EUPHRASIA	CLARENCE SMART	B.T.A. & Private	$7,500	75%	$8,500	5/4/1965	4.5	PT. 5 & 6	3		FAVOURS GSCA: ROW ON ACCESS ROAD TO PROPERTY
117	Old Baldy	420839000106000	EUPHRASIA	LLOYD CALVIN SMART	BTA, GSCF, PRIVATE	$5,000, $1,000, 700		$7,500	8/9/1994	30' X 84'	PART LOT 5	3	RELOCATION OF FENCE AND CONSTRUCTION OF IRON GATE	UNREGISTERED EASEMENT OF ONATIO HYDRO, 13 POLES AND 2 ANCHORS
118	Old Baldy	420839000402400	EUPHRASIA	GORDON McMULLEN	B.T.A.	$5,000	75%	$20,000	3/30/1972	50	PT.3	4		
119	Old Baldy	420839000403000	EUPHRASIA	DR. FRED BARNES	NELAP		100%	$137,500	3/31/1993	83	PT. 4 & 5	4		
119	Old Baldy	420839000403000	EUPHRASIA	WILDA IRENE LAWRENCE			50%	$2,000	7/19/1965	20	N 1/2 PT. 5	4		
119	Old Baldy	420839000403000	EUPHRASIA	THOMPSON FERGUSON			50%	$3,500	3/31/1966	25	PT 5	4		
120	Old Baldy	420839004100301	EUPHRASIA	DR. FRED BARNES	NELAP		100%	$137,500	3/31/1993	83	PT. 62	REF. PLAN 441		
121	Peasemarsh	424200001108500	COLLINGWOOD	EDITH MARSH			50%	$1,000	12/2/1959	10	PT. 30	8	1) MTC EXPROP. & EASEMENT AS PER AGREEMENT L12940 OCT. 21, 1973; 2) MTC QUIT CLAIM DEED CONCERNING EASEMENTS IN AGREEMENT; 3) CORP. OF TWP. COLLINGWOOD AGREEMENT JUNE 27, 1984 CONCERNING LAND DEVELOPMENT RIGHTS AT PEASEMARSH	1) FAVOUR MARSH - RIGHT OF ACCESS, LAND RESTRICTED TO PERPETUAL CONSERVATION SANCTUARY; 2) AGREEMENT OF EASEMENT OCT. 12, 1984 FOR WATER LINE CONSTRUCTION ACROSS GSCA LAND WITH OTHER LANDHOLDERS (UNDER NEGOTIATION)
121	Peasemarsh	424200001108500	COLLINGWOOD	EDITH MARSH			50%	$5,100	12/2/1959	15	PT. 29 & 30	8	AGREEMENT OF LEASE WITH KENNETH & IRENE BELL	1) FAVOUR EDITH MARSH- RIGHT OF ACCESS; 2) SEE AGREEMENT OF EASEMENT OCT. 12, 1984 (WATER LINE) WITH OTHER PROPERTY OWNERS IN AREA, MAY STILL BE UNDER NEGOTIATION
121	Peasemarsh	424200001108500	COLLINGWOOD	ANNA DIKE			50%	$6,500	1/22/1974	7.6	PT. 29	8		

121	Peasemarsh	424200001108500	COLLINGWOOD	GEORGE DIKE, J. HARTMAN			50%	$6,000	2/19/1962	14.35	PT.29	8	SAME AS RECORD # 98	AGAINST GSCA - SEE INST.# 73130 IN PROPERTY FILE CONCERNING COTTAGE USAGE ON PROPERTY BY BETTY DIKE AND VICTORIA MUSGROVE
121	Peasemarsh	424200001108500	COLLINGWOOD	CAN. NATIONAL RAILWAY CO.			50%	$2,000	11/25/1964	5.08	PT.30	8	SAME AS RECORD # 98	FAVOUR CNR - 1) MINERAL & MINING RIGHTS; 2) RESTRICTED USE OF PART OF LAND (AGAINST GSCA) - SEE INST# 85624, 89269 IN PROPERTY FILE
122	Pottawatomi Wetlands	420354000308100	DERBY	PETER GARVIE			75%	$1,500	3/17/1965	100	S 1/2 8	10		
123	Pottawatomi Wetlands	420354000400100	DERBY	CLARE FLEMING			50%	$2,160	1/13/1960	120	PT. 12	8		AGAINST GSCA; FAVOUR OWNERS WEST 80 ACRES OF LOT 12 FOR 1) ROW TO WATER CATTLE OR ANIMALS; 2) OBTAIN WATER
124	Pottawatomi Wetlands	420354000402300	DERBY	WILLIAM ROSS BAUMBER			75%	$2,250 (Two parcels)	10/21/1964	125	PT.13	9	N.B. - LOT 12, CONC. 10 REFERS TO ROLL # 4-042	FAVOUR GSCA: OIL & GAS RIGHTS - LEASE # 63745
125	Pottawatomi Wetlands	420354000404200	DERBY	WILLIAM ROSS BAUMBER			75%	$2500 (Two parcels)	10/21/1964	78.75	PART LOT 12	10	Joint purchase see roll #4-023	
126	Pottawatomi	420354000503500	DERBY	PAUL & ANNA SCOTT			75%	$4,400	1/25/1965	23	PT. 38	REG. PLAN 535		
126	Pottawatomi	420354000503500	DERBY	PAUL & ANNA SCOTT			75%	$13,500	3/13/1970	22	PT. 38	REG. PLAN 535	1) LONG TERM LEASE AGR. WITH GREY-BRUCE TOURIST ASSOC. FOR PT. LOT 38 PLAN 535; 2) SOLD TO PROV. OF ONT. PART LOT 38 PLAN 535 FOR HWY 70 CONSTRUCTION - 0.102 ACRES	FAVOURS ONT. - RIGHT TO ERECT & MAINTAIN ANCHOR (APRIL 24, 1978)
127	Pottawatomi	420354000519300	DERBY	WILLIAM VANCE			75%	$200	5/31/1961	0.58	PT. 24, 26, 27	REG. PLAN 535		
127	Pottawatomi	420354000519300	DERBY	CORP. OF DERBY TWP.			75%	$600	3/6/1961	28	25	REG. PLAN 535		
127	Pottawatomi	420354000519300	DERBY	FAITH OTIS			75%	$1,500	5/11/1970	0.092	39	REG. PLAN 535	SEE DEPOSIT #115972, MAY 11, 1970	
127	Pottawatomi	420354000519300	DERBY	KENNETH MacKINNON			75%	$57,500	10/27/1970	223	PT. 5, 6, 7,9,LT.36	REG. PLAN 535	RENTALS: PK. LT. 6 -G.R.A.C.E; PK. LT.5 &LOT 36 - CATTO; PT 5 & 6-DOWNS	AGAINST GSCA - USE OF WELL ON PARK LOT 6 WITH ROW AS SET OUT IN INST.# 10047
128	Pottawatomi River	425902001009000	OWEN SOUND	ALBERT MANDENO	Owen Sound		N/A	$84,900	8/29/1986	0.74	12, PT. 13	REG. PLAN 444	CONTRACT FOR HOUSE REMOVAL ON PROPERTY BY NOV 21/86 GIVEN TO NORM & LORRAINE BARTLEY FOR $12 659	
128	Pottawatomi River	425902001009000												

129	Pottawatomi River	425902001014501	OWEN SOUND	CORP. CITY OWEN SOUND	Owen Sound		N/A	$3,500	4/29/1981	0.17	PT. 4	REF.PLAN16R-1787		
130	Red Bay	410259000313400	ALBEMARLE	JEAN DURANCE	F.O.N.	$4,300	75%	$17,000	1/23/1973	3.0	22,23,24,25,26,BLKA	REG. PLAN 446		
131	Red Bay	410259000315402	ALBEMARLE	JEAN DURANCE			75%	$17,000	1/23/1973	39	PT. 20	5 WBR	WITH FON CONCERNING PROPERTY DATED 04/13/73. DETAILS IN PROPERTY FILE AND LETTER DATED 03/05/73	
132	Robson Lakes	420436000208100	HOLLAND	HOWARD CONNELL			75%	$3,500	10/13/1960	160	E PT. 10, N 1/2 11	11 EGR		ENCROACHMENT FOR ROADWAY WIDENING ALLOWED HOLLAND TWP. IN 1981
133	Robson Lakes	420436000522000	HOLLAND	SAUGEEN VALLEY C.A.			75%	$3,600	5/22/1962	114	PT. 10, S 1/2 10	7 , 8 EGR		
134	Robson Lakes	420436000611200	HOLLAND	JOHN CEASER			75%	$2,000	12/22/1961	100	S 1/2 10	9 EGR		
134	Robson Lakes	420436000611200	HOLLAND	JOHN & ELIZABETH CEASER			75%	$1,500	5/25/1962	100	N 1/2 10	9 EGR		
135	Rocklyn Creek	420839000512810	EUPHRASIA	JAMES JOHN JENKINS	B.T.A.	$7,625	75%	$30,000	2/21/1973	97	E 1/2 PT. 29	7	1) PART OF LOT 29 TRANSFERRED TO TWP. EUPHRASIA IN '88 FOR ROAD WIDENING (PART 2 REF. PLAN 16R-3204; 0.15 AC)	
136	Rocklyn Creek	420839000806300	EUPHRASIA	ALLAN BOYD	B.T.A.	$2,221	75%	$8,885	1/2/1973	35.54	PT. 30	9		
136	Rocklyn Creek	420839000806300	EUPHRASIA	JOHN & BARBARA BENNETT	CNSS	$2,500	75%	$10,000	10/7/1971	50	PT. 30	9		FAVOURS ONT. HYDRO, #14735
136	Rocklyn Creek	420839000806300	EUPHRASIA	MARY HOLT	CNSS	$2,575	75%	$10,000	10/24/1972	72	PT. 30	9		
136	Rocklyn Creek	420839000806300	EUPHRASIA	BASTEAAN & JOHANNA BRAK	N.C.C.	$3,250	75%	$13,000	8/27/1971	60	N 1/2 PT. 30	10		
136	Rocklyn Creek	420839000806300	EUPHRASIA	RICK & TOM QUINTON	B.T.A.	$4,250	75%	$16,000	5/5/1971	45	N 1/2 PT. 30	10	LAND CONVEYED TO WILLIAM GEORGE & JEANNETTE LANE OCT. 19/77 TO RECTIFY CLOUD ON TITLE OF INST.# 121997 (REF. INST.# 176302)	
137	Rocklyn Creek	421048000503300	ST. VINCENT	DIR., VETERAN LANDS ACT	N.C.C.	$10,350	75%	$40,000	10/17/1974	115.5	PT. 1	11		1) FAVOURS STANLEY KNIGHT LTD. - ROW OVER PROPERTY; 2) FAVOURS ONT. HYDRO - AGR. FEB. 26/70 TO ERECT & MAINTAIN 1 POLE & 1 ANCHOR
138	Rocklyn Creek	421048000506500	ST. VINCENT	N.C.C.	N.C.C.		N/A	$2	2/27/1974	21	PT. 2	11		FAVOURS GSCA - ROW TO ACCESS PROPERTY ALONG S LIMIT LOT 2 CONC. 11; AGAINST GSCA - FAVOURS DAVID MARSHALL & CHILDREN FOR ACCESS TO PROPERTY AS A NATURE AREA, GSCA TO MAINTAIN LANDS IN NATURAL

														STATE AS NATURE RESERVE, GSCA TO CONSTRUCT & MAINTAIN FENCES WHICH MAY BE REQUIRED ALONG EASTERN PROPERTY BOUNDARY
138	Rocklyn Creek	421048000506500	ST. VINCENT	LULU & JAMES WHITE	N.C.C.	$3,000	75%	$12,000	10/8/1971	50	SE 1/4 2	12		
138	Rocklyn Creek	421048000506500	ST. VINCENT	STANLEY WEATHERALL	CNSS	$2,500	75%	$15,000	5/31/1971	50	NW 1/4 2	12		
139	Sauble River	410254000302300	AMABEL	SEAMAN, MACKAY, CLIFFORD	Private			$1 (DONATION)	6/29/1964	10	PT. 9	9		
140	Shallow Lake	420362000110900	KEPPEL	JAMES & WILMA BERGSTRA			75%	$840	1/12/1967	60	PT. 7 & 8	5		
140	Shallow Lake	420362000110900	KEPPEL	HARVEY RADBOURNE			75%	$1,400	8/25/1964	100	9	5		
141	Shallow Lake Dam	420362000111502	KEPPEL	ROBERT LEWIS WALKER				$1	3/21/1961	0.36	PT. 4	6		1) FAVOURS GSCA: ROW ACCESS;2) AGAINST GSCA - SEE ALSO INST.# 7259, SEPT.23, 1898
142	Shallow Lake	420362000207600	KEPPEL	ONT. HERITAGE FOUN.				$2	6/13/1990	100	11	5		
142	Shallow Lake	420362000207600	KEPPEL	ONT. HERITAGE FOUN.				$2	6/13/1990	100	10	5		
142	Shallow Lake	420362000207600	KEPPEL	CONTINENTAL BRICK&TILE			50%	$3,500	10/14/1969	114	9, PT. 10	6		
143	Shallow Lake	420362000915400	SHALLOW LAKE	CONT. BRICK & TILE LTD.			50%	$3500 (Two parcels)	10/14/1969	48	42	REG. PLAN 857	SEE REF. PLAN 16R-2656 & REG. PLAN 857 FOR DESCRIP.	FAVOURS OWEN SOUND PORTLAND CEMENT CO. LTD. - OCT. 23, 1890
144	Shallow Lake	420362000915900	SHALLOW LAKE	CONT. BRICK & TILE LTD.			50%	$3500 (Two parcels)	10/14/1969	11.22	39	REG. PLAN 857		ROLL NUMBERS 1-154 & 1-159 SHARE THE ONE OFFER TO PURCHASE
145	Skinner's Bluff	420362000613700	KEPPEL	MILLIE CAMMIDGE	NELAP		100%	$14,000	3/30/1989	25	NE 1/4 15	25		
146	Skinner's Bluff	420362000614000	KEPPEL	SYLVIA ELGIE	NELAP		100%	$35,000	3/30/1989	100	17	25		FAVOURS GSCA: ROW OVER LOT 18 CONC. 24 AND LOT 18 CONC. 25
146	Skinner's Bluff	420362000614000	KEPPEL	CAROLYN & FRANK MOOHS	NELAP		100%	$70,000	3/30/1989	200	18	25		AGAINST GSCA: ROW OVER LOT 18 AS DEFINED IN GENERAL DOCUMENT 274732 MARCH 30, 1989
146	Skinner's Bluff	420362000614000	KEPPEL	CAROLYN & FRANK MOOHS	NELAP		100%	$70,000	3/30/1989	200	19	25		
146	Skinner's Bluff	420362000614000	KEPPEL	ALLAN INGLIS	NELAP		100 %	$46,000	3/30/1989	99	PT. 20	25		
146	Skinner's Bluff	420362000614000	KEPPEL	BETTY SIEGRIST	NELAP		100%	$1,250	11/18/1987	2.7	PT. 15	COLPOY'S RANGE	1) PART 5 OF REF. PLAN 16R-3076; 2) SEE CERTIFICATE OF DEPOSIT 258661 NOV. 18/87	

146	Skinner's Bluff	420362000614000	KEPPEL	ROY ASHCROFT			75%	$4,500	1/26/1970	124	PT. 17 & 18	COLPOY'S RANGE		
146	Skinner's Bluff	420362000614000	KEPPEL	ALAN CRADDOCK			75%	$2,162.50	1/13/1970	50	PT. 19	COLPOY'S RANGE		
146	Skinner's Bluff	420362000614000	KEPPEL	F. & W. DAVIDSON			75%	$10,120	5/22/1970	224	PT. 19&20; 21	COLPOY'S RG.; 26		
146	Skinner's Bluff	420362000614000	KEPPEL	GLADYS JEFFREY			75%	$6,750	7/25/1968	225	PT. 21 & 22	COLPOY'S RANGE		
146	Skinner's Bluff	420362000614000	KEPPEL	ALLAN BELL			75%	$17,500	6/29/1989	26.8	PT. 16	COLPOY'S RANGE	1) PART 1 OF REF. PLAN 16-R-3835; 2) SEE CERTIFICATE OF DEPOSIT 278300 JUNE 29/89	
147	Skinner's Bluff	420362000816300	KEPPEL	GLENN PORTER			75%	$16,000	11/25/1970	158	PT. 26 & 27	COLPOY'S RANGE		
148	Beattie Lake	410259000200400	ALBEMARLE	ALICE WEIR	CNSS	$4,427	75%	$17,000	11/29/1974	98.75	14	1 WBR		
149	Sky Lake	410259000200601	ALBEMARLE	CLIFFORD BOYD	N.C.C.	$6,000	50%	$23,000	12/6/1976	96	PT. 16	1 WBR		
150	Sky Lake	410259000202000	ALBEMARLE	BERNICE HARRISON	N.C.C.	$8,675	50%	$21,500	12/16/1976	100	16	2 WBR		
150	Sky Lake	410259000202000	ALBEMARLE	ORLEAN KERR			50%	$3,800		190	17, 18	2 WBR		
151	Slough of Despond	420362000812400	KEPPEL	LLOYD & WILMA BALL	N.C.C.	$2,000	75%	$8,000	12/15/1970	250	31, N1/2 28,29,30	25		1) FAVOURS GSCA - a) IN PERPETUITY OVER PT. S 1/2 LOT 30 CONC. 25 (ALSO FAVOURS USERS OF BRUCE TRAIL); b) FAVOURS BALL - CONCERNING AGRICULTURAL, LIVESTOCK, TIMBER
151	Slough of Despond	420362000812400	KEPPEL	NORM & JOY OLDFIELD			75%	$2,500	9/28/1967	100	32	25		
151	Slough of Despond	420362000812400	KEPPEL	ANNIE SHIER& VIC. & GREY			75%	$2,000	12/14/1967	100	33	25	SEE PROPERTY FILE FOR NAMES OF OTHER GRANTORS OF THIS DEED	
152	Spey River	421051000205000	SYDENHAM	WILLARD MILLER			75%	$600	5/15/1962	50	NW 1/4 2	10		AGAINST GSCA - STRIP OF LAND 1 ROD WIDE OFF N SIDE OF PROPERTY FOR USE AS ROADWAY
152	Spey River	421051000205000	SYDENHAM	JOHN YOUNG			75%	$700	4/10/1962	50	NE 1/4 2	10		
153	Spey River	421051000205400	SYDENHAM	JESSE MAGDER			75%	$2,200	3/4/1963	85	N 1/2 PT. 3	10		
154	Spey River	421051000210600	SYDENHAM	HUGH & JOHN CAMERON			75%	$2,000	3/22/1965	110	PT. 1	12		
155	Rockford	421051000215200	SYDENHAM	HUGH CAMERON			75%	$1,400	8/27/1965	50	NE 1/4 9	12		
156	Spirit Rock	410254000428400	AMABEL	WILLIAM CHESHIRE	$862 - U of Waterloo, $250 Pollution Probe	$1,112	75%	$1,000	3/10/1971	11	PT.A	24		
156	Spirit Rock	410254000428400	AMABEL	CECIL FRANKLIN	N.C.C.	$27,290	75%	$101,400	1/15/1974	203	PT.A	24 & 25	1) SALE PT. LOT 14, CONC.24 TO P.U.C. OF WIARTON 11/26/76 ($1 000) REF. PLAN 3R-660 PARTS 1, 2, 3. RIGHT OF WAY TO GSCA & PUBLIC OVER PART 2	

													2) ONTARIO HERITAGE ACT S.O. 1980; AMABEL BY-LAW 21-89 3/13/89 (#258216) EXCEPT DOH ONT. LANDS, SURVEY P-2277-48 PART 12 REG. 2/3/67 AS #729	
157	St. Jean Point	410259000217800	ALBEMARLE	JEAN DURANCE			75%	$15,000	4/26/1971	14.7	PT. 11	5 WBR		FAVOURS ONT. HYDRO - ACCESS TO CUT BRUSH
158	Sucker Creek	410259000102700	ALBEMARLE	JOHN ROBINSON			50%	$10,000	12/18/1970	299.66	PT.2, 3, 4	4 WBR		AGAINST G.S.C.A.; RIGHT-OF-WAY TO ZIMMERMAN (INST.# 55086)
159	Sucker Creek	410259000109600	ALBEMARLE	CHARLES & ALAN WHICHER			75%	$8,000	2/10/1960	400	6, 7, 8, 9	4 WBR		
159	Sucker Creek	410259000109600	ALBEMARLE	CHARLES & ALAN WHICHER			75%	$8,000	2/10/1960	400	6, 7, 8, 9	5 WBR		
159	Sucker Creek	410259000109600	ALBEMARLE	CECIL BOYLE			50%	$5,000	11/8/1972	37.6	PART 8	6 WBR		
160	Sucker Creek	410259000217700	ALBEMARLE	CHARLES & ALAN WHICHER			75%	$8,000	2/10/1960	100	10	4 WBR		
160	Sucker Creek	410259000217700	ALBEMARLE	CHARLES & ALAN WHICHER			75%	$8,000	2/10/1960	100	10	5 WBR		
161	Sullivan Forest	420432000504200	SULLIVAN	JOSEPH GOLEM			75%	$4,000	7/29/1968	150	E 3/4 9	7		
162	Sheppard Lake	421051000305900	SYDENHAM	JOHN LONG			75%	$500	2/18/1960	50	PT. W 1/2 19	1 SCR		1) FAVOURS LONG - USE OF WATERHOLE ON PROPERTY DURING GRANTOR'S LIFETIME; 2) FAVOURS ONT. HYDRO - BRUSH CUTTING RIGHTS (MARCH 21, 1978)
163	Telfer Creek	421051000609000	SYDENHAM	WEILER LUMBER LTD.			75%	$1,800	12/4/1962	43	N 1/2 15	10		FAVOURS ONT. HYDRO - RIGHT TO INSTALL & MAINTAIN 1 ANCHOR (SEPT. 25, 1963)
164	Sydenham Forest	421051000830900	SYDENHAM	C CAMERON, C.ARMSTRONG			75%	$1,125	4/2/1964	50	PT. NW 1/4 22	6		
164	Sydenham Forest	421051000830900	SYDENHAM	JOHN SILVERTHORN			75%	$250	6/8/1964	15	PT. 22	6		
164	Sydenham Forest	421051000830900	SYDENHAM	ROBERT LAYCOCK			75%	$600	3/20/1964	20	PT. 22	6		
165	Sydenham Lowlands	420354000112900	DERBY	PUC OF OWEN SOUND			75%	$35,800	2/11/1974	72.3	PT. S 1/2 3	2		FAVOURS GSCA - ROW OVER LOT 3 CONC. 2 FOR ACCESS
166	Sydenham Lowlands	420354000113700	DERBY	GEORGE ABRA	CNSS	$4,200	50%	$17,500	2/26/1973	111.5	W PT. 6	2		
166	Sydenham Lowlands	420354000113700	DERBY	NORMAN BARBER	CNSS	$4,600	50%	$18,000	1/3/1973	97	W PT. 5	2		
166	Sydenham Lowlands	420354000113700	DERBY	LYALL & ADELINA ABRA			50%	$14,000	12/20/1971	125	E PT. 6 & 7	2	AGREEMENT WITH SSA FOR WILDLIFE CO-MANAGEMENT	

168	Taylor St. Detention Pond	420362000600701	KEPPEL	MALCOLM LAW	Wiarton		N/A	$2,500	8/23/1985	0.76	PT. 1	21	1) SEE PART 1 PLAN 16R-2581 FOR DESCRIPTION; 2) LEASE 69292 FROM CN REAL ESTATE OF ADJOINING LAND FOR STORM WATER DETENTION POND	SEE ALSO INST. #241179 WITH TOWN OF WIARTON (TAYLOR ST. CREEK STORMWATER) FEB. 15/86 CONCERNING EASEMENT
168	Taylor St. Detention Pond	420362000600701	KEPPEL	CORP. TOWN OF WIARTON	Wiarton			$10	4/14/1986		PT. 1 & 2	21		FAVOURS GSCA - STORMWATER DETENTION POND CONDITIONS; PART 1, 4 PLAN 16R-2581
169	The Glen	420362000221300	KEPPEL	GEORGE C. LINN			75%	$4,000	2/11/1965	300	SEE BELOW	SEE BELOW		
170	The Glen	420362000400700	KEPPEL	GEORGE C. LINN			75%	$4,000	11/2/1965	19	PT. 26 & 27	9		
170	The Glen	420362000400700	KEPPEL	ALMA CRANNEY			75%	$500	11/30/1964	82	PT. 25	9	INST.# 85655 (NOV. 30/64)- FRE STEWART TO ALMA CRANNEY TO CLEAR TITLE TO LAND	
171	The Glen	420362000403300	KEPPEL	REUBEN WRIGHT			75%	$800	1/21/1959	100	23	10		
172	The Glen	420362000406000	KEPPEL	CAROL & WAYNE LEE	N.C.C.	$2,500	75%	$10,000	3/4/1971	200	31	11 & 12		1) AGAINST GSCA - a) FAVOURS LEE TO PASTURE & WATER CATTLE ON 40 ACRES OF LOT 31 CONC. 12; b) ROW FOR LEE OVER LOT 31 CONC. 11, LOT 31 CONC. 12; 2) FAVOURS GSCA: a) LEE TO ERECT & MAINTAIN FENCING FOR ABOVE; b) AGREEMENT TO BE IN EFFEV\CT AS LONG AS LEE OWNS ADJOINING LANDS IN LOT 32 CONC. 11 KEPPEL; LOT 20 CONC. 1 SARAWAK ELSE VOID
172	The Glen	420362000406000	KEPPEL	JAMES & CAROL LEE			75%	$45,000	11/13/1969	1 400	SEE BELOW	SEE BELOW	N.B. - CONC. 11- 24, 226, 27, 28, 29 ,30, PT. 25; CONC. 12 - 27, 28, 29, 30; CONC. 13 - PT. 30 & 31 1) SOLD LAND TO COUNTY OF GREY IN '77 FOR ROAD WIDENING s(LOT 26 CONC. 11 PART 1 ON REFL PLAN 16R-736); 2) DUCKS UNLIMITED- GLEN MGMT. 1: 25 YR AFR. FROM MARCH 7/80, LOT PT. 28 CONC. 12; 3) DUCKS UNLIMITED - GLEN MGMT. 2: 3O YR AGR. FROM APRIL 1/85, SUPERCEDES AGR. ABOVE; 4)SOLD TO WILLARD J. & JOAN LEE	1) AGAINST GSCA: FAVOURS CLIFFORD & HEIRS RIGHT TO WATER LIVESTOCK AT SPRING ON LOT 30 CONC. 13; 2) FAVOURS GSCA: ROW OVER PART OF LOT 31 CONC. 13

													PART OF LOTS 27, 28 CONC. 11 APRIL 24/70 FOR $15 500 (25 ACRES)	
173	The Glen	420362000421100	KEPPEL	DUNCAN PRESTON	N.C.C.	$6,875	N/A	$6,100	3/10/1977	30	PT. 30	14		
174	The Glen	420362000421401	KEPPEL	MARG & JOSEPH MOLE	N.C.C.	$1,143	75%	$4,000	5/9/1975	16.5	PT. 31	14		
176	Walker Woods	410254001210301	AMABEL	ALYMER WALKER	N.C.C.	$8,500	75%	$34,000	11/19/1970	34	PT.28	D		
177	Walter's Creek	420436000208601	HOLLAND	WALTER & MARY REID			75%	$4,000	11/10/1970	16.4	NW PT. 1	12 EGR		1) FAVOURS WALTER REID & SONS BARRY, ROBERT REID - ROW ALONG ROAD USED TO WATER LIVESTOCK; 2) RIGHTS IN 1 ABOVE TRANSFERRED TO SPRINGBANK CHALET FARMS LTD. OCT. 18/74
178	Walter's Creek	420436000215700	HOLLAND	WILLARD HALLMAN			70%	$4,000	2/26/1958	200	6	12 EGR		
178	Walter's Creek	420436000215700	HOLLAND	KNECHTEL FURNITURE LTD.			70%	$2,320	8/20/1963	96	E 1/2 7	12 EGR		
179	Walter's Creek	421051000100300	SYDENHAM	ARCHIE MORRISON	N.C.C.	$2,500	75%	$15,000	11/5/1971	50	NE 1/4 1	1	ACCESS AGREEMENT WITH Carl Davis - the right to cross our property to access farm fields to the north.	FAVOURS MORRISON & HEIRS - RIGHT TO USE & MAINTAIN WATER SYSTEM & SPRING CURRENTLY IN USE
179	Walter's Creek	421051000100300	SYDENHAM	WALTER REID	N.C.C.	$3,250	75%	$13,000	4/7/1972	36	PT. 1	1		
179	Walter's Creek	421051000100300	SYDENHAM	ARCHIE MORRISON	CNSS	$7,500	75%	$19,000	5/17/1971	69.5	PT. 1	2		
180	West Rocks	425902001516500	OWEN SOUND	DOMTAR; IRVIN PERKINS			N/A	$500.62	6/14/1967	10.7	PT. PK. LOT 9	RANGE 3,W. RIVER		
181	West Rocks	425903001715001	OWEN SOUND	LORRAINE BOWRON			N/A	$300	10/16/1969	1.0	PT. 21 & 22	REG. PLAN 33	SEE DEPOSIT 111765 SEPT. 3, 1969 CONCERNING PROPERTY	
182	West Rocks	425903001836900	OWEN SOUND	SCOTT & LEMING			75%	$1,500	6/28/1966	27.83	PT. PK. LT. 3	RANGE 2,W. RIVER	SEE QUIT VLAI DEED 263488 (MAY 9, 1988) FROM THOM. DEVELOPMENTS CONCERNING PROPERTY	
182	West Rocks	425903001836900	OWEN SOUND	MARG PALMER	B.T.A.	$4,925	75%	$19,200	6/28/1972	46	PT. PK. LT. 1&2	RANGE 2, W.RIVER	WITH BTA FOR ROW ACCESS FOR HIKERS ON BRUCE TRAIL AS PER DONATION $4 925 IN MAY 1972	
182	West Rocks	425903001836900	OWEN SOUND	ELMER HARNACK			75%	$700	2/14/1969	13	N 1/2 PT. PK. LT. 2	RANGE 2,W. RIVER		
182	West Rocks	425903001836900	OWEN SOUND	DOROTHY & BEV JONES			75%	$500	6/16/1980	2.15	BLOCK E	REG. PLAN 897		

182	West Rocks	425903001836900	OWEN SOUND	JOHN JOHNSON			75%	$12,100	8/15/1967	8.0	PT. PK. LT. 5	RANGE 2,W.RIVER		
182	West Rocks	425903001836900	OWEN SOUND	ERNEST MANNEROW			75%	$2,000	11/30/1966	26	PT. PK. LT. 4	RANGE 2,W. RIVER		
182	West Rocks	425903001836900	OWEN SOUND	G. ARCHIBALD FENN			75%	$350	1/22/1963	13.07	S 1/2 PT. PK.LT.5	RANGE 2,W. RIVER		
183	Williams Lake	420436000502201	HOLLAND	CHESTER HOLLEY	N.C.C.	$20,500	50%	$58,000	1/16/1973	148	PT. 18 & 19, 20	2 SWTSR		ROW TO WILLIAM AND BARBARA METZGER SEE INST.# 169960 3/1/77 & INST.# 169977 3/2/77
184	Wodehouse	420839000413300	EUPHRASIA	WILLIAM NORFOLK	B.T.A.	$4,125	75%	$16,500	3/17/1972	50	PT. 10	5	1) BY LETTER MARCH 29/72, AGR. WITH BTA FOR ROW FOR HIKERS AS PER $4125 DONATION; 2) SOLD TO COUNTY GREY IN '75 FOR ROAD WIDENING PART 21 REF. PLAN 16R-194 (0.006 ACRES & OC-977/75)	AGAINST GSCA: ERECTION & MAINTENANCE OF FENCE AS PER INST# 105771 (COST TO BE BORN BY GSCA)
185	Wodehouse	420839000504100	EUPHRASIA	ALMA GRAHAM			75%	$4,500	3/3/1961	150	W1/2 16, SW1/4 17	6		FAVOURS ONT. HYDRO: RIGHT TO ERECT & MAINTAIN 1 ANCHOR (OCT. 25/83)
186	Wodehouse	420839000509300	EUPHRASIA	HUGH DIGNAM ESTATE			75%	$800	1/13/1967	50	SW 1/4 14	7		
187	Wodehouse	420839000600500	EUPHRASIA	J.W. ROBINSON LTD.			75%	$1,800	6/14/1962	98.5	N 1/2 PT. 14	8		
187	Wodehouse	420839000600500	EUPHRASIA	CHRISTINA BUTSON	N.C.C. - Ford Fndn.	$40,500	75%	$150,000	12/3/1974	300	13, S 1/2 14	8		
188	Wodehouse	420839000901510	EUPHRASIA	LLOYD McCALPIN	N.C.C.	$4,500	85%	$28,000	10/10/1979	75	N 1/2 PT. 5	6		
189	Wodehouse	420839000903800	EUPHRASIA	R. THOMPSON & D. BRISTOW	N.C.C. - Ford Fndn.	$9,000	75%	$38,000	12/30/1974	100	S 1/2 11	6	WITH J.H. KEESO & SONS LTD. (LISTOWEL, ONT.) SEPT. 12/85 TO MARCH/86 TO REMOVE MARKED SAWLOGS, 101,670 FBM, $19 900 PAID TO GSCA	
189	Wodehouse	420839000903800	EUPHRASIA	JAMES CLARK	N.C.C. - Ford Fndn.	$9.000	75%	$35,000	6/18/1976	100	N 1/2 11	6	SAME AS RECORD #173	
190	Wodehouse	420839000906200	EUPHRASIA	WILLIAM ERSKINE	N.C.C.	$11,250	85%	$70,000	8/21/1978	199	PT. 10	7	LAND DOES NOT INCLUDE PARTS 2, 3, 4 ON REF. PLAN 16R-1078	
190	Wodehouse	420839000906200	EUPHRASIA	GEORGE CORNFIELD			75%	$1,750	1/14/1959	90	PT. 11	7		
191	Wodehouse	420839000907000	EUPHRASIA	CALVIN LOGIE			75%	$1,000	2/23/1959	100	W 1/2 13	7		FAVOURS ONT. HYDRO: RIGHT TO ERECT & MAINTAIN 1 ANCHOR IN PERPETUITY (JUNE 5/79)
192	West Rocks	425903001714910	City of Owen Sound	Mrs. Jean Gateman										
193	Sydenham Lowlands	420354000114700												
197	McNab Lake bottom	420362000000000	KEPPEL	PROVINCE OF ONTARIO				$50	6/3/1963	420	McNAB LK. BOTTOM	EXCLUDING IS.	1) FOR DETAILS SEE DEED IN PROPERTY FILE; N.B. - MAY BE A LAND CLAIM BY NAWASH & SAUGEEN	

													INDIAN BANDS; 2) DUCKS UNLIMITED (APRIL 1, 1985)	
198	Cape Commodore	420362000835500		Clare L. White						171.0	44	Colpoy's Range		
213	Bayshore	425901000507200	KEPPEL	POS INVESTMENTS LTD.				$2	7/13/1971		PT. 40	24		INST.# 123547 IS AN EASEMENT IN PERPETIUTY FOR ACCESS TO BRUCE TRAIL
213	Bayshore	425901000507200	OWEN SOUND	KIWANIS CLUB OF O/S	Owen Sound		70%	$22,000	9/30/1981	0.36	PT. MARSHLAND	W OF WATER ST.	LONGTERM LEASE TO CITY OF OWEN SOUND	FAVOURS GSCA - ROW FOR ACCESS; AGAINST GSCA - ROW
213	Bayshore	425901000507200	OWEN SOUND	CLARENCE GRAHAM	Owen Sound		70%	$28,000	10/10/1979	1.5	PT. MARSHLAND	W & E OF WATER ST.	LONG TERM LEASE TO CITY OF O/S	FAVOURS GSCA - ROW OVER PART ROW RESERVED FOR GOV'T CAN. OFF WATER ST.
213	Bayshore	425901000507200	OWEN SOUND	TRUSCO INVESTMENTS LTD.	Owen Sound		N/A	$152,500	6/3/1974	3.83	WHARF LT.,W BAY	OPP. LT. 44-55	LONG TERM LEASE TO CITY OF OWEN SOUND; SEE ALSO REF. PLAN 16R-2120 FOR DESCRIP.	
213	Bayshore	425901000507200	OWEN SOJND	CORP. CITY OWEN SOUND	Owen Sound		N/A	$40,000	10/9/1975	8.72	PT. W BAY ST.	OPP. LT. 61-66	LONG TERM LEASE TO CITY OF OWEN SOUND; SEE ALSO REF. PLAN 16R-2120 FOR DESCRIP.	
213	Bayshore	425901000507200	OWEN SOUND	KEENAN INDUSTRIES LTD.	Owen Sound		N/A	$285,000	2/28/1979	12.74	SEE BELOW	OPP. LT.44-55	1) LOTS - PT. WHARF LOT & 18TH ST E., WATER LOT & MARSH LOT; 2) PART OF WHARF LOT OPPOSITE LOTS 44-55 INCL. ON BAY ST. WAS SOLD TO CITY OF OWEN SOUND BY DEED SEPT. 15/83	
213	Bayshore	425901000507200	OWEN SOUND	KEN & HAROLD CARR	Owen Sound		N/A	$150,000	12/30/1977	12	W BAY ST.+WATER	OPP. LT 52-60		FAVOURS GSCA(WITH CAN. PACIFIC LTD.) : 1) WATERMAIN EASEMENT
213	Bayshore	425901000507200	OWEN SOUND	ALEX & PATRICIA HYATT	Owen Sound		N/A	$10,000	1/19/1978	0.1	PT. 7	REG. PLAN 838	QUIT CLAIM DEED, INST.# 178182 (JAN.19/78) BY CITY OF OWEN SOUND; LONG TERM LEASE TO CITY OF O/S	
213	Bayshore	425901000507200	OWEN SOUND	DOROTHY THRUSH	Owen Sound		N/A	$9,999	8/31/1984	0.2	PT. 7 & 8	REG. PLAN 838	1) SEE ALSO BY-LAW 84-88 REGISTERED AS INST. # 228349 AND QUIT CLAIM DEED INST.# 228350 BY CITY OF O/S; 2) LONG TERM LEASE TO CITY OF O/S	

Appendix B – GSCA Property Tax Program Summary

Property Name	MFTIP Area (Acres)	CLTIP Area (Acres)	Other Area (Acres)	Agricultural Area (Acres)	Total Area (Acres)
Ainslie Wood	24.00	-	1.00	-	25.00
Albemarle Brook	473.74	272.50	-	-	746.24
Arran Lake	-	44.70	8.26	-	52.96
Bass Lake	414.21	481.24	-	14.50	909.95
Bayshore	-	-	42.02	-	42.02
Beattie Lake	99.40	0.60	-	-	100.00
Beaver Valley Lowlands	21.00	553.00	-	-	574.00
Berford Lake Dam	-	-	0.08	-	0.08
Big Mud Lake	194.00	200.00	-	-	394.00
Bighead Headwaters	64.70	140.00	-	-	204.70
Bighead River	37.80	-	-	-	37.80
Black's Creek	145.20	383.80	-	-	529.00
Boat Lake	776.20	833.09	7.33	-	1,616.62
Bognor Marsh	516.94	1,120.06	4.92	11.00	1,652.92
Brookholm	15.50	9.50	-	-	25.00
Bruce's Caves	49.91	187.00	-	-	236.91
Cape Commodore	171.00	-	-	-	171.00
Christie Beach	-	-	2.25	-	2.25
Clarksburg	13.00	-	2.80	-	15.80
Clendenan	62.92	-	52.85	-	115.77
Colpoy's Lookout	-	19.63	2.37	-	22.00
Epping-John Muir Lookout	11.19	-	1.00	-	12.19
Eugenia Falls	-	55.00	1.87	-	56.87
Feversham	195.46	-	-	-	195.46

Property Name	MFTIP Area (Acres)	CLTIP Area (Acres)	Other Area (Acres)	Agricultural Area (Acres)	Total Area (Acres)
Fidler	74.84	3.00	-	-	77.84
Fishing Islands	-	57.04	5.58	-	62.62
Flesherton	71.90	-	-	-	71.90
Gleason Brook	109.50	93.50	-	-	203.00
Gowan Lake	200.00	-	-	-	200.00
Griersville	10.10	102.00	-	178.07	290.17
Haines Dam	18.72	-	2.50	-	21.22
Hepworth Creek	54.80	87.20	3.00	-	145.00
Hibou	323.30	-	5.20	-	328.50
Hodgins Lake	184.48	133.52	-	-	318.00
Holland Centre	47.00	-	-	-	47.00
Indian Creek	22.00	33.00	-	-	55.00
Indian Falls	-	15.70	12.80	-	28.50
Inglis Falls	121.35	346.00	15.62	21.50	504.47
Isaac Lake	132.18	170.43	-	50.00	352.61
Kemble Mountain	252.51	207.50	-	7.49	467.50
Keppel Forest	100.00	-	-	-	100.00
Kolapore Uplands	623.33	203.97	8.20	-	835.50
Lake Charles	-	-	6.00	-	6.00
Leith Spit	-	-	0.68	-	0.68
Little Germany	732.40	773.10	3.50	-	1,509.00
Madeleine Graydon	34.83	-	1.70	-	36.53
Massie Hills	277.00	298.00	-	-	575.00
McNab Lake bottom	-	-	480.00	-	480.00

Property Name	MFTIP Area (Acres)	CLTIP Area (Acres)	Other Area (Acres)	Agricultural Area (Acres)	Total Area (Acres)
Mill Dam	-	-	0.71	-	0.71
Old Baldy	106.39	161.28	3.40	-	271.07
Oxenden Creek	-	-	3.45	-	3.45
Peasemarsh	57.50	-	1.00	-	58.50
Pottawatomi	261.10	0.60	1.60	29.50	292.80
Pottawatomi River	-	-	0.48	-	0.48
Pottawatomi Wetlands	192.00	152.75	6.80	-	351.55
Red Bay	15.00	26.00	2.60	-	43.60
Rob Roy	-	117.00	-	-	117.00
Robson Lakes	179.74	281.01	-	-	460.75
Rockford	49.13	-	-	-	49.13
Rocklyn Creek	136.39	435.50	13.72	50.00	635.61
Sauble River	-	-	10.00	-	10.00
Shallow Lake	61.00	452.00	7.22	-	520.22
Shallow Lake Dam	-	-	0.37	-	0.37
Sheppard Lake	49.00	-	-	-	49.00
Shouldice Wetland	61.00	37.00	-	-	98.00
Skinner Marsh - McNab Lake	986.78	752.42	4.80	-	1,744.00
Skinner's Bluff	232.50	1,215.40	-	-	1,447.90
Sky Lake	285.12	50.88	-	-	336.00
Slough of Despond	450.00	215.07	6.06	-	671.13
Spey River	286.35	8.65	-	-	295.00
Spirit Rock	-	216.05	-	-	216.05
St. Jean Point	-	14.70	-	-	14.70

Property Name	MFTIP Area (Acres)	CLTIP Area (Acres)	Other Area (Acres)	Agricultural Area (Acres)	Total Area (Acres)
Sucker Creek	388.66	1,051.00	-	-	1,439.66
Sullivan Forest	150.00	-	-	-	150.00
Sydenham Forest	-	80.00	-	-	80.00
Sydenham Lowlands	358.39	-	-	85.00	443.39
Tara Dam	-	-	5.00	-	5.00
Taylor St. Detention Pond	-	-	0.76	-	0.76
Telfer Creek	-	43.00	-	-	43.00
The Glen	466.57	1,607.93	-	40.00	2,114.50
Walker Woods	34.00	-	-	-	34.00
Walter's Creek	424.34	22.60	2.50	-	449.44
West Rocks	-	218.76	4.53	-	223.29
Williams Lake	148.00	-	-	-	148.00
Wodehouse	874.97	437.20	-	-	1,312.17
Total Area (acres)	**12930.34**	**14,420.88**	**746.525**	**487.06**	**28,584.81**
Total Area (hectares)	**5,234.955**	**5,838.413**	**302.237**	**197.190**	**11,572.80**

Appendix C – Soils Found within GSCA Properties

Soil Series	Soil Materials	Soil Type	Stoniness	Topography	Drainage
Harriston	Medium textured dolomitic limestone till	Loam or silt loam	Moderately stony	Smooth, gently to moderately sloping	Good
Listowel	Medium textured dolomitic limestone till	Loam or silt loam	Slightly stony	Smooth, gently sloping	Imperfect
* Harkaway	Medium textured dolomitic limestone till	Loam or silt loam, (may be shallow or stony)	Moderately stony	Smooth, gently to moderately sloping	Good
Wiarton	Medium textured dolomitic limestone till	Loam or silt loam	Moderately stony	Smooth, gently sloping	Imperfect
* Osprey	Medium textured stony dolomitic limestone till	Loam or sandy loam (may be bouldery)	Very stony	Irregular, moderately sloping to steeply sloping	Good
Lily	Medium textured stony dolomitic limestone till	Loam	Very stony	Undrained basins to nearly level	Poor
* Pike Lake	Medium textured stony dolomitic limestone till	Loam	Very stony	Irregular, moderately sloping to steeply sloping	Good
* Vincent	Heavy textured limestone till	Silty clay loam (may be eroded or bouldery)	Slightly stony	Smooth, gently to steeply sloping	Good
Kemble	Heavy textured limestone till	Silty clay	Slightly stony	Smooth, very gently to gently sloping	Imperfect
Brookston	Heavy textured limestone till	Clay loam (may be bouldery)	Slightly stony	Smooth, very gently sloping	Poor
* Dunedin	Heavy textured red shaley till	Clay (may be eroded)	Slightly stony	Smooth moderately sloping to irregular steeply sloping	Good
Morley	Heavy textured red shaley till	Clay (may be bouldery)	Slightly stony to very stony	Smooth, very gently sloping	Poor
Saugeen	Lacustrine materials	Silty clay loam	Essentially stonefree	Smooth, moderately sloping	Good
Elderslie	Lacustrine materials	Silty clay loam	Essentially stonefree	Very gently to gently sloping	Imperfect
Chesley	Lacustrine materials	Silty clay loam	Essentially stonefree	Smooth, very gently sloping	Poor
Toledo	Lacustrine materials	Clay loam	Essentially stonefree	Smooth, very gently sloping	Poor

Soil Series	Soil Materials	Soil Type	Stoniness	Topography	Drainage
Leith	Lacustrine materials	Silty clay loam	Essentially stonefree	Smooth, moderately sloping to irregular, moderately sloping	Good
Gilford	Well sorted gravelly outwash	Loam	Moderately stony	Smooth, very gently sloping	Poor
Sargent	Well sorted gravelly outwash	Loam	Moderately stony	Very gently sloping	Good
Brighton	Well sorted sandy outwash	Sand, sand over gravel, sandy loam over gravel	Essentially stonefree	Gently sloping	Good
Granby	Well sorted sandy outwash	Sand	Essentially stonefree	Smooth, very gently sloping	Poor
* Plainfield	Well sorted sandy outwash	Sand	Stonefree	Smooth, gently sloping	Excessive
Fox	Well sorted sandy outwash	Sandy loam	Essentially stonefree	Smooth, gently sloping	Good
Tioga	Well sorted sandy outwash	Sandy loam	Essentially stonefree	Smooth, gently sloping to irregular, steeply sloping	Good to excessive
Sullivan	Well sorted sandy outwash	Sand or sandy loam	Stonefree	Smooth, gently sloping	Good
Waterloo	Poorly sorted outwash	Sandy loam	Essentially stonefree to slightly stony	Irregular, moderately sloping to irregular, steeply sloping	Good
Donnybrook	Poorly sorted outwash	Sandy loam	Moderately stony-very stony	Irregular, moderately sloping to irregular, steeply sloping	Good
* Breypen	Shallow soils over bedrock	Variable	Very stony	Nearly level with numerous outcroppings	Variable
Farmington	Shallow soils over bedrock	Loam	Variable	Smooth, very gently sloping	Variable
Eastport	Miscellaneous soils	Sand or gravel	Stonefree	Smooth, moderately sloping	Excessive
* Bottomland	Alluvial soils	Variable	Moderately stony	Variable	Poor
* Muck	Miscellaneous soils	Organic matter	Stonefree	Level undrained basin	Poor
Marl	Miscellaneous soils	Marl	Stonefree	Level undrained basin	Poor

Appendix D – Past Management on GSCA Properties

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1958	Walter's Creek	178	3	P	planting	12.7
1959	Holland Centre	62	1	P	planting	21
1960	Little Germany	82	2	P	planting	16.95
1960	Massie Hills	107	5	P	planting	29.2
1960	Massie Hills	107	10	P	planting	61
1960	Massie Hills	107	11	P	planting	17.3
1960	Skinner Marsh - McNab Lake	109	5	P	planting	33.5
1960	Skinner Marsh - McNab Lake	113	6	P	planting	39.2
1960	Sheppard Lake	162	1	P	planting	33.8
1960	Walter's Creek	178	1	P	planting	8.2
1960	Walter's Creek	178	3	P	planting	25.4
1960	Walter's Creek	178	15	P	planting	5.4
1960	Wodehouse	191	2	P	planting	12
1960	Wodehouse	191	3	P	planting	16
1961	Little Germany	90	2	P	planting	4.5
1961	Little Germany	90	4	P	planting	23.4
1961	Little Germany	90	6	P	planting	15.9
1961	Kolapore Uplands	93	1	P	planting	15.63
1961	Kolapore Uplands	93	2	P	planting	40
1961	Kolapore Uplands	93	3	P	planting	10
1961	Kolapore Uplands	96	3	P	planting	3.15
1961	Kolapore Uplands	96	6	P	planting	24.22
1961	Wodehouse	185	4	P	planting	26.6
1962	Bognor Marsh	27	16	P	planting	214.5
1962	Robson Lakes	132	1	P	planting	158.4
1963	Beaver Valley Lowlands	9	1	LD	planting	100
1963	Kolapore Uplands	84	2	P	planting	8.15
1963	Little Germany	91	9	P	planting	16.81
1963	Kolapore Uplands	92	2	P	planting	22.7
1963	Massie Hills	108	3	P	planting	3.5
1963	Massie Hills	108	6	P	planting	20.5
1963	Massie Hills	108	7	P	planting	16.6
1963	Skinner Marsh - McNab Lake	109	9	P	planting	33.3
1963	Robson Lakes	132	2	UD	girdling	58.5
1963	Robson Lakes	132	3	LM	girdling	48.7
1963	Robson Lakes	134	1	P	planting	39.48
1963	Robson Lakes	134	2	UM	planting	12.1

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1963	Wodehouse	187	19	P	planting	3.4
1963	Wodehouse	187	20	P	planting	3
1964	Bognor Marsh	26	6	P	planting	15.37
1964	Kolapore Uplands	84	2	P	planting	16.3
1964	Little Germany	91	1	P	planting	186.45
1964	Little Germany	91	9	P	planting	16.81
1964	Kolapore Uplands	92	2	P	planting	22.7
1964	Skinner Marsh - McNab Lake	109	9	P	planting	33.3
1964	Walter's Creek	178	19	P	planting	54.4
1964	Walter's Creek	178	22	P	planting	6.6
1964	Wodehouse	187	20	P	planting	3
1965	The Glen	170	3	P	planting	120.1
1966	Bognor Marsh	26	1	UD	girdling	14.59
1966	Bognor Marsh	27	15	UD	girdling	250.3
1966	Bognor Marsh	27	43	P	planting	18.2
1966	Little Germany	89	7	P	planting	10
1966	Little Germany	90	4	P	planting	11.7
1966	Robson Lakes	134	1	P	planting	19.74
1966	Robson Lakes	134	2	UM	planting	12.1
1966	Robson Lakes	134	4	UD	planting	91.6
1966	Shallow Lake	140	4	P	planting	20.4
1966	Spey River	154	4	P	planting	6.3
1966	The Glen	170	3	P	planting	120.1
1967	Little Germany	90	4	P	planting	11.7
1967	Skinner Marsh - McNab Lake	111	1	P	planting	28.6
1967	Skinner Marsh - McNab Lake	111	2	P	planting	9
1967	Shallow Lake	140	4	P	planting	40.8
1967	Rockford	155	4	P	planting	3.64
1967	The Glen	170	3	P	planting	360.3
1967	The Glen	170	4	P	planting	5.7
1968	Bognor Marsh	27	16	P	planting	214.5
1968	Shouldice Wetland	75	7	P	planting	12.84
1968	Keppel Forest	78	6	P	planting	21.42
1968	Kolapore Uplands	83	2	UD	girdling	97
1968	Kolapore Uplands	92	1	UD	girdling	70.6
1968	Kolapore Uplands	95	3	P	planting	4.1
1968	The Glen	170	12	UD	planting	17.8
1969	Shouldice Wetland	75	8	UD	girdling	33.53

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1969	Kolapore Uplands	93	4	UD	girdling	31.87
1969	Kolapore Uplands	94	1	UD	girdling	48.14
1969	Kolapore Uplands	96	1	UD	girdling	38.91
1969	Bass Lake	101	1	UD	girdling	100
1969	Wodehouse	186	3	UC	planting	12.2
1969	Wodehouse	190	1	UD	girdling	124.8
1970	Kolapore Uplands	93	1	P	weevil pruning	15.63
1970	Kolapore Uplands	93	2	P	weevil pruning	40
1970	Kolapore Uplands	93	3	P	weevil pruning	10
1970	Sullivan Forest	161	3	P	planting	5.7
1971	Kolapore Uplands	93	1	P	planting	15.63
1971	Kolapore Uplands	93	2	P	planting	40
1971	Kolapore Uplands	93	3	P	planting	10
1972	Bognor Marsh	27	15	UD	girdling	250.3
1972	Sydenham Forest	164	3	UD	girdling	43.9
1975	Bass Lake	104	1	UD	girdling	115
1975	Bass Lake	104	1	UD	girdling	115
1977	Little Germany	82	2	P	quality pruning	16.95
1978	Little Germany	90	2	P	quality pruning	4.5
1978	Wodehouse	190	3	P	quality pruning	49.8
1979	Gleason Brook	52	1	UD	girdling	49
1980	Holland Centre	62	1	P	quality pruning	21
1980	Massie Hills	108	3	P	quality pruning	3.5
1980	Massie Hills	108	6	P	quality pruning	20.5
1980	Massie Hills	108	7	P	quality pruning	8.3
1980	Robson Lakes	132	1	P	quality pruning	105.6
1980	Rockford	155	4	P	quality pruning	3.64
1980	Sheppard Lake	162	1	P	quality pruning	33.8
1980	Walter's Creek	178	3	P	quality pruning	38.1
1980	Walter's Creek	178	19	P	quality pruning	27.2
1980	Walter's Creek	178	22	P	quality pruning	13.2
1981	Kolapore Uplands	93	2	P	quality pruning	40
1981	Skinner Marsh - McNab Lake	109	19	P	planting	7
1981	Robson Lakes	132	1	P	quality pruning	52.8
1981	Wodehouse	191	2	P	quality pruning	12
1982	Bognor Marsh	27	16	P	quality pruning	214.5
1982	Massie Hills	107	5	P	quality pruning	14.6
1982	Spey River	154	4	P	quality pruning	6.3
1982	The Glen	170	3	P	quality pruning	120.1

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1983	Bognor Marsh	26	6	P	quality pruning	15.37
1983	Keppel Forest	78	6	P	quality pruning	21.42
1983	Little Germany	81	6	P	quality pruning	6.5
1983	Kolapore Uplands	84	2	P	quality pruning	8.15
1983	Little Germany	90	4	P	quality pruning	11.7
1983	Kolapore Uplands	92	2	P	quality pruning	22.7
1983	Skinner Marsh - McNab Lake	109	5	P	quality pruning	33.5
1983	Skinner Marsh - McNab Lake	109	9	P	quality pruning	33.3
1983	Skinner Marsh - McNab Lake	113	6	P	quality pruning	39.2
1983	Sullivan Forest	161	3	P	quality pruning	5.7
1983	Wodehouse	190	6	P	planting	25.4
1984	Little Germany	90	2	P	quality pruning	4.5
1984	Massie Hills	107	5	P	quality pruning	14.6
1984	Massie Hills	107	10	P	quality pruning	61
1984	Skinner Marsh - McNab Lake	111	2	P	planting	9
1984	Walter's Creek	178	19	P	quality pruning	27.2
1984	Walter's Creek	178	22	P	quality pruning	13.2
1984	Wodehouse	191	2	P	quality pruning	12
1985	Bognor Marsh	27	43	P	quality pruning	18.2
1985	Holland Centre	62	1	P	quality pruning	21
1985	Little Germany	82	2	P	quality pruning	16.95
1985	Massie Hills	108	3	P	quality pruning	3.5
1985	Massie Hills	108	6	P	quality pruning	20.5
1985	Massie Hills	108	7	P	quality pruning	8.3
1985	Skinner Marsh - McNab Lake	109	19	P	vegetation control	7
1985	Robson Lakes	132	1	P	quality pruning	158.4
1985	Spey River	154	4	P	quality pruning	6.3
1985	Rockford	155	4	P	quality pruning	3.64
1985	Walter's Creek	178	3	P	quality pruning	38.1
1985	Wodehouse	190	3	P	quality pruning	49.8
1989	Gleason Brook	52	1	UD	maintenance	49
1990	Sheppard Lake	162	1	P	quality pruning	33.8
1991	Robson Lakes	134	1	P	quality pruning	19.74
1992	The Glen	170	3	P	quality pruning	120.1
1992	Wodehouse	190	3	P	quality pruning	24.9
1993	Bass Lake	105	1	UD	stand improvement	66
1996	Kemble Mountain	73	1	UD	fuelwood	52.5
1996	Rocklyn Creek	137	5	P	quality pruning	18.8

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1997	Skinner Marsh - McNab Lake	109	15	P	quality pruning	39.3
1997	Skinner Marsh - McNab Lake	109	15	P	quality pruning	39.3
1997	Old Baldy	118	4	P	quality pruning	19
1997	Rocklyn Creek	137	5	P	quality pruning	18.8
1997	Rocklyn Creek	137	5	P	quality pruning	18.8
1997	Rocklyn Creek	137	5	P	quality pruning	18.8
1997	Rocklyn Creek	137	8	P	quality pruning	8
1997	Rocklyn Creek	137	8	P	quality pruning	8
1997	Wodehouse	187	13	P	quality pruning	8.8
1998	Boat Lake	20	3	P	quality pruning	8.5
1998	Boat Lake	20	9	P	quality pruning	11.5
1998	Boat Lake	20	9	P	quality pruning	11.5
1998	Boat Lake	20	12	P	quality pruning	2.3
1998	Indian Creek	64	1	P	quality pruning	13
1998	Indian Creek	64	4	P	quality pruning	16
1998	Indian Creek	64	4	P	quality pruning	16
1998	Indian Creek	64	4	P	quality pruning	16
1998	Skinner Marsh - McNab Lake	109	19	P	quality pruning	7
1998	Spirit Rock	156	5	P	quality pruning	16.43
1998	The Glen	170	3	P	row thinning	120.1
1998	Walter's Creek	178	19	P	quality pruning	27.2
1998	Walter's Creek	178	19	P	weevil pruning	27.2
1998	Walter's Creek	178	19	P	quality pruning	27.2
1998	Walter's Creek	178	19	P	row thinning	27.2
1998	Walter's Creek	178	19	P	quality pruning	27.2
1998	Walter's Creek	178	19	P	row thinning	27.2
1998	Walter's Creek	178	22	P	row thinning	6.6
1998	Walter's Creek	178	22	P	row thinning	6.6
1998	Wodehouse	187	7	OL	quality pruning	19.6
1998	Wodehouse	187	7	OL	quality pruning	19.6
1998	Wodehouse	187	10	P	quality pruning	8.4
1998	Wodehouse	187	15	P	quality pruning	4.2
1999	Bognor Marsh	26	6	P	quality pruning	30.74
1999	Bognor Marsh	27	16	P	quality pruning	214.5
1999	Bognor Marsh	27	24	P	selection (plantation non-crop)	30.9
1999	Bognor Marsh	27	24	P	selection (plantation non-crop)	30.9
1999	Bognor Marsh	27	24	P	quality pruning	30.9

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1999	Bognor Marsh	27	24	P	selection (plantation non-crop)	30.9
1999	Bognor Marsh	27	24	P	quality pruning	61.8
1999	Epping-John Muir Lookout	37	1	P	weevil pruning	5.81
1999	Feversham	39	4	P	weevil pruning	71.35
1999	Feversham	39	4	P	quality pruning	71.35
1999	Feversham	39	5	P	quality pruning	7.61
1999	Flesherton	49	2	P	quality pruning	55.6
1999	Flesherton	49	2	P	quality pruning	27.8
1999	Flesherton	49	2	P	quality pruning	27.8
1999	Flesherton	50	2	P	quality pruning	5.8
1999	Griersville	55	4	P	weevil pruning	4.1
1999	Inglis Falls	66	7	P	quality pruning	4.4
1999	Isaac Lake	69	2	LD	weevil pruning	3.3
1999	Kolapore Uplands	84	2	P	quality pruning	24.45
1999	Skinner Marsh - McNab Lake	113	12	P	weevil pruning	10.8
1999	Old Baldy	118	4	P	weevil pruning	19
1999	Rocklyn Creek	136	8	P	weevil pruning	23.74
1999	Rocklyn Creek	137	1	P	weevil pruning	4.7
1999	Sucker Creek	158	3	P	quality pruning	36.1
1999	Sucker Creek	158	3	P	selection (plantation non-crop)	36.1
1999	Sucker Creek	158	3	P	quality pruning	36.1
1999	Sucker Creek	158	3	P	selection (plantation non-crop)	36.1
1999	Sucker Creek	158	3	P	quality pruning	36.1
1999	Sucker Creek	158	3	P	selection (plantation non-crop)	36.1
1999	Sullivan Forest	161	3	P	quality pruning	11.4
1999	The Glen	170	3	P	row thinning	120.1
1999	The Glen	170	3	P	quality pruning	120.1
1999	Walter's Creek	178	9	LC	quality pruning	186.6
1999	Walter's Creek	178	19	P	quality pruning	54.4
1999	Walter's Creek	178	19	P	quality pruning	54.4
1999	Walter's Creek	178	19	P	quality pruning	27.2
1999	Walter's Creek	178	19	P	quality pruning	27.2
1999	Walter's Creek	178	20	LM	quality pruning	70.2
1999	Walter's Creek	179	1	P	quality pruning	17.5
1999	Walter's Creek	179	1	P	weevil pruning	17.5
1999	Walter's Creek	179	1	P	quality pruning	17.5
1999	Walter's Creek	179	1	P	weevil pruning	17.5

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
1999	Wodehouse	187	7	OL	weevil pruning	19.6
1999	Wodehouse	187	7	OL	quality pruning	19.6
1999	Wodehouse	187	14	P	weevil pruning	3.7
1999	Wodehouse	187	15	P	selection (plantation non-crop)	4.2
1999	Wodehouse	188	1	P	weevil pruning	8.8
2000	Bognor Marsh	27	16	P	quality pruning	214.5
2000	Bognor Marsh	27	24	P	quality pruning	30.9
2000	Epping-John Muir Lookout	37	1	P	weevil pruning	5.81
2000	Feversham	39	4	P	quality pruning	71.35
2000	Griersville	55	4	P	weevil pruning	4.1
2000	Kolapore Uplands	93	2	P	quality pruning	40
2000	Kolapore Uplands	93	2	P	quality pruning	40
2000	Kolapore Uplands	93	2	P	quality pruning	40
2000	Massie Hills	107	2	UD	fuelwood and sawlog	123.6
2000	Skinner Marsh - McNab Lake	113	12	P	weevil pruning	10.8
2000	Rocklyn Creek	136	8	P	weevil pruning	23.74
2000	Rocklyn Creek	137	1	P	weevil pruning	4.7
2000	Rockford	155	3	UD	fuelwood and sawlog	23.86
2000	Walter's Creek	178	19	P	quality pruning	54.4
2000	Walter's Creek	179	1	P	weevil pruning	17.5
2000	Walter's Creek	179	1	P	weevil pruning	17.5
2000	Walter's Creek	179	24	P	quality pruning	10.34
2000	Walter's Creek	179	24	P	quality pruning	10.34
2001	Bognor Marsh	27	16	P	row thinning	214.5
2001	Bognor Marsh	27	43	P	row thinning	18.2
2001	Keppel Forest	78	3	UC	patch cut	11.3
2001	Little Germany	91	2	UD	fuelwood and sawlog	154.5
2001	Little Germany	91	2	UD	sawlog	154.5
2001	Little Germany	91	2	UD	fuelwood and sawlog	154.5
2001	Massie Hills	107	5	P	row thinning	14.6
2001	Massie Hills	107	5	P	row thinning	14.6
2001	Massie Hills	107	10	P	row thinning	30.5
2001	Massie Hills	107	10	P	row thinning	30.5
2001	Massie Hills	107	11	P	row thinning	17.3
2001	Robson Lakes	132	1	P	row thinning	52.8
2001	Robson Lakes	132	1	P	row thinning	52.8
2001	Robson Lakes	132	1	P	row thinning	52.8
2001	Rocklyn Creek	136	9	UD	fuelwood	60.3

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
2001	Rocklyn Creek	136	9	UD	sawlog	60.3
2001	Spey River	154	4	P	row thinning	6.3
2001	Sheppard Lake	162	1	P	row thinning	33.8
2001	Walter's Creek	178	3	P	row thinning	12.7
2001	Walter's Creek	178	3	P	row thinning	12.7
2001	Walter's Creek	178	8	P	row thinning	12.4
2001	Walter's Creek	178	15	P	row thinning	2.7
2001	Walter's Creek	178	15	P	row thinning	2.7
2001	Wodehouse	190	1	UD	fuelwood	124.8
2002	Bognor Marsh	27	25	UD	sawlog	166.26
2002	Kemble Mountain	71	1	UD	fuelwood and sawlog	155
2002	Keppel Forest	78	1	LM	patch cut	38.46
2002	Kolapore Uplands	93	2	P	row thinning	40
2002	Kolapore Uplands	93	3	P	row thinning	10
2002	Kolapore Uplands	93	4	UD	fuelwood and sawlog	31.87
2002	Kolapore Uplands	95	2	UD	fuelwood and sawlog	60.13
2002	Skinner's Bluff	146	7	UD	fuelwood and sawlog	246.9
2002	Rockford	155	4	P	row thinning	3.64
2002	Sydenham Forest	164	3	UD	sawlog	43.9
2002	Sydenham Forest	164	3	UD	sawlog	43.9
2002	Wodehouse	185	4	P	row thinning	26.6
2002	Wodehouse	185	5	P	row thinning	17.7
2002	Wodehouse	191	2	P	row thinning	6
2002	Wodehouse	191	2	P	row thinning	6
2002	Wodehouse	191	3	P	row thinning	8
2002	Wodehouse	191	3	P	row thinning	8
2003	Feversham	39	1	UD	fuelwood and sawlog	16.51
2003	Shouldice Wetland	75	8	UD	fuelwood and sawlog	33.53
2003	Keppel Forest	78	6	P	row thinning	21.42
2003	Kolapore Uplands	84	2	P	row thinning	8.15
2003	Little Germany	89	7	P	row thinning	10
2003	Skinner Marsh - McNab Lake	111	1	P	row thinning	14.3
2003	Skinner Marsh - McNab Lake	111	1	P	row thinning	14.3
2003	Skinner Marsh - McNab Lake	111	4	UD	fuelwood and sawlog	33.7
2003	Skinner's Bluff	146	10	P	row thinning	2.4
2003	Skinner's Bluff	146	12	P	row thinning	9.9
2003	Skinner's Bluff	146	13	P	row thinning	1.1
2003	Sucker Creek	159	4	UC	patch cut	165.9

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
2003	The Glen	172	33	UD	fuelwood	22.2
2004	Bognor Marsh	25	3	UD	fuelwood and sawlog	7.75
2004	Bognor Marsh	26	6	P	row thinning	15.37
2004	Bognor Marsh	27	25	UD	fuelwood and sawlog	166.26
2004	Bognor Marsh	27	25	UD	fuelwood	166.26
2004	Gleason Brook	51	7	UD	fuelwood and sawlog	8.9
2004	Kemble Mountain	71	1	UD	sawlog	155
2004	Kemble Mountain	73	1	UD	sawlog	52.5
2004	Telfer Creek	163	2	P	row thinning	7
2004	Telfer Creek	163	2	P	row thinning	7
2004	Telfer Creek	163	2	P	selection (plantation)	7
2005	Epping-John Muir Lookout	37	1	P	quality pruning	5.81
2005	Gleason Brook	52	1	UD	fuelwood and sawlog	49
2005	Kemble Mountain	71	1	UD	fuelwood	155
2005	Kemble Mountain	73	1	UD	fuelwood	52.5
2005	Little Germany	80	1	UD	fuelwood and sawlog	84.3
2005	Little Germany	80	1	UD	fuelwood and sawlog	84.3
2005	Little Germany	81	6	P	row thinning	6.5
2005	Little Germany	81	6	P	row thinning	6.5
2005	Little Germany	81	6	P	row thinning	6.5
2005	Little Germany	90	8	UD	fuelwood and sawlog	35.1
2005	Kolapore Uplands	95	3	P	row thinning	4.1
2005	Little Germany	98	1	UD	fuelwood and sawlog	4.4
2005	Little Germany	98	2	LD	fuelwood and sawlog	1.6
2005	Massie Hills	108	2	UD	fuelwood and sawlog	125.9
2005	Massie Hills	108	2	UD	fuelwood and sawlog	125.9
2005	Massie Hills	108	3	P	row thinning	3.5
2005	Massie Hills	108	6	P	row thinning	20.5
2005	Massie Hills	108	7	P	row thinning	8.3
2005	Skinner Marsh - McNab Lake	109	13	UD	sawlog	20.3
2005	Skinner Marsh - McNab Lake	109	13	UD	sawlog	20.3
2005	Skinner Marsh - McNab Lake	112	11	UD	sawlog	50.3
2005	Old Baldy	118	5	UD	sawlog	16
2005	Robson Lakes	134	1	P	row thinning	19.74
2005	Shallow Lake	140	4	P	row thinning	20.4
2005	Shallow Lake	140	4	P	row thinning	20.4
2005	Spey River	152	1	UC	patch cut	27.6
2005	The Glen	170	3	P	row thinning	120.1

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
2005	The Glen	170	3	P	row thinning	120.1
2005	The Glen	170	4	P	row thinning	5.7
2005	Skinner's Bluff	175	6	P	planting	55.2
2006	Griersville	55	3	UD	fuelwood and sawlog	18.9
2006	Griersville	57	3	UD	fuelwood and sawlog	28
2006	Griersville	57	4	P	row thinning	1.6
2006	Hodgins Lake	60	2	UD	fuelwood and sawlog	11
2006	Hodgins Lake	61	2	UD	fuelwood and sawlog	51
2006	Hodgins Lake	61	2	UD	fuelwood and sawlog	51
2006	Hodgins Lake	61	2	UD	fuelwood and sawlog	51
2006	Hodgins Lake	61	2	UD	fuelwood and sawlog	51
2006	Hodgins Lake	61	2	UD	fuelwood and sawlog	51
2006	Hodgins Lake	61	4	UC	patch cut	13
2006	Holland Centre	62	3	UD	fuelwood and sawlog	18.1
2006	Inglis Falls	66	19	UD	insect/disease control	16.1
2006	Inglis Falls	66	27	P	insect/disease control	1.7
2006	Kolapore Uplands	92	2	P	row thinning	22.7
2006	Skinner Marsh - McNab Lake	109	5	P	row thinning	33.5
2006	Skinner Marsh - McNab Lake	109	9	P	row thinning	33.3
2006	Skinner Marsh - McNab Lake	109	9	P	row thinning	33.3
2006	Skinner Marsh - McNab Lake	110	1	UD	fuelwood and sawlog	39.9
2006	Skinner Marsh - McNab Lake	112	1	UD	fuelwood and sawlog	31.9
2006	Skinner Marsh - McNab Lake	113	6	P	row thinning	19.6
2006	Skinner Marsh - McNab Lake	114	2	P	row thinning	2.6
2006	Skinner's Bluff	175	1	P	planting	9.5
2006	Skinner's Bluff	175	6	P	planting	55.2
2006	Wodehouse	184	1	UD	fuelwood and sawlog	10.9
2007	Bruce's Caves	29	7	UD	fuelwood and sawlog	104
2007	Bruce's Caves	29	7	UD	fuelwood and sawlog	104
2007	Griersville	57	3	UD	fuelwood	28
2007	Little Germany	99	3	UD	sawlog	63.86
2007	Walter's Creek	178	23	UD	fuelwood and sawlog	14.1
2008	Holland Centre	62	3	UD	fuelwood	18.1
2008	Bass Lake	105	1	UD	stand improvement	66
2008	Bass Lake	106	9	UD	stand improvement	55.6
2008	Skinner Marsh - McNab Lake	111	1	P	patch cut	14.3

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
2008	Old Baldy	118	5	UD	fuelwood	16
2008	Robson Lakes	134	4	UD	stand improvement	91.6
2008	Robson Lakes	134	4	UD	stand improvement	91.6
2008	Robson Lakes	134	4	UD	stand improvement	91.6
2008	Robson Lakes	134	4	UD	stand improvement	91.6
2008	Robson Lakes	134	5	LM	stand improvement	4.5
2008	Robson Lakes	134	7	UD	stand improvement	29.2
2008	Skinner's Bluff	147	3	P	planting	14.2
2008	Spey River	152	2	UD	fuelwood and sawlog	11
2008	Spey River	152	5	UD	fuelwood and sawlog	17.5
2009	Rocklyn Creek	56	2	UD	stand improvement	21.7
2009	Rob Roy	85	1	UD	stand improvement	7.91
2009	Rob Roy	85	2	UD	stand improvement	109.09
2009	Skinner's Bluff	145	1	UD	stand improvement	25
2009	Skinner's Bluff	146	2	UD	stand improvement	540
2009	Skinner's Bluff	146	2	UD	stand improvement	540
2009	Skinner's Bluff	146	2	UD	stand improvement	540
2009	Skinner's Bluff	146	2	UD	stand improvement	540
2009	Skinner's Bluff	146	3	UD	stand improvement	115.8
2009	Skinner's Bluff	147	6	P	planting	34.8
2010	Big Mud Lake	13	5	P	planting	26
2010	Bognor Marsh	27	15	UD	stand improvement	250.3
2010	Skinner's Bluff	146	4	UD	stand improvement	107
2010	Skinner's Bluff	146	4	UD	stand improvement	107
2010	Skinner's Bluff	147	6	P	planting	34.8
2010	Spey River	152	5	UD	salvage harvest	17.5
2011	Inglis Falls	66	16	P	planting	11.1
2011	Kolapore Uplands	92	1	UD	stand improvement	70.6
2011	Kolapore Uplands	94	1	UD	stand improvement	48.14
2011	Kolapore Uplands	97	1	UD	sawlog	84.2
2011	Pottawatomi	127	3	UD	fuelwood	63.6
2012	Gowan Lake	54	1	UD	stand improvement	193.15
2012	Kemble Mountain	72	1	UD	stand improvement	78.2
2012	Kemble Mountain	74	4	UD	stand improvement	87.96
2012	Slough of Despond	151	1	UD	stand improvement	152.6
2012	The Glen	170	3	P	row thinning	120.1
2012	The Glen	170	3	P	selection (plantation)	120.1
2012	The Glen	170	3	P	selection (plantation)	120.1
2012	The Glen	170	3	P	selection (plantation)	120.1

Year Completed	Main Man Area	Compartment Number	Stand Number	Cover Type	Activity	Stand Area (ac)
2012	The Glen	170	4	P	selection (plantation)	5.7
2012	Wodehouse	189	5	P	planting	30.7
2013	Big Mud Lake	13	6	P	planting	28
2013	Bognor Marsh	27	16	P	selection (plantation)	214.5
2013	Kolapore Uplands	96	1	UD	stand improvement	38.91
2013	Robson Lakes	132	2	UD	stand improvement	58.5
2013	Rocklyn Creek	135	2	P	planting	10
2013	Walter's Creek	178	19	P	selection (plantation)	27.2
2013	Walter's Creek	178	19	P	selection (plantation)	27.2
2013	Walter's Creek	178	19	P	selection (plantation)	27.2
2013	Walter's Creek	178	22	P	selection (plantation)	6.6
2013	Walter's Creek	178	22	P	selection (plantation)	6.6
2014	Griersville	55	5	UD	planting	17
2014	Inglis Falls	66	9	P	planting	17.1
2014	Pottawatomi	127	4	P	planting	15.8
2014	Rocklyn Creek	137	4	P	planting	9.1
2014	Wodehouse	190	3	P	selection (plantation)	24.9
2014	Wodehouse	190	3	P	selection (plantation non-crop)	24.9
2015	Skinner's Bluff	175	6	P	planting	55.2
2015	Skinner's Bluff	175	7	P	planting	18.3

Appendix E – History Inventory of GSCA Stands

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Ainslie Wood	2	1	OTH	2000		0		0		0	0	0	0	0	0%	0	0
Ainslie Wood	2	2	UM	2000	Mh3 He2 Aw2 Cw2 Be1 (Bd Bf)	25	39	100		6.5	9	7.5	11.5	34.5	84%	467	313
Albemarle Brook	4	1	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Albemarle Brook	4	2	UC	2000	Cw8 Po1 By1 (Mh Bw)	15	21	45	Over	40.67	8	0.67	0	49.33	88%	1702	336
Albemarle Brook	5	1	UC	2000	Cw6 Bw1 Po1 Mh1 Id1 (Sw, Bd, Aw)	15	20	40	Fully	30.33	3.33	0.33	0	34	85%	1236	228
Albemarle Brook	5	2	UM	2000	Cw6 Bw1 Po1 Mh1 Id1 (Sw, Bd, Aw)	15	20	40	Fully	30.33	3.33	0.33	0	34	85%	1236	228
Albemarle Brook	5	3	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Arran Lake	7	1	LD	2000	Mr6 Ea2 Ar1 Bw1 (Bd)	16	26	75		6.57	1.43	1.71	0.29	10	46%	289	74
Arran Lake	7	2	UD	2003	Mh5 Be2 Cb1 Aw1 Bw1	20	30	50	Over	8	15	4	0	27	89%	527	213
Beaver Valley Lowlands	8	1	LD	2000	Ms5 Po2 Ar2 Ea1 (Bd Ab)	18	26	50	Over	14	10.4	2.4	0	26.8	63%	695	199
Beaver Valley Lowlands	9	1	LD	2000	Ms9 Ar1	20	35	50	Over	9.56	8.44	9.11	5.56	32.67	57%	565	279
Beaver Valley Lowlands	10	1	LD	2000	Ms9 Ar1 (Ea)	24	41	70	Over	6.6	10.93	12.2	14.73	44.47	68%	540	410
Beaver Valley Lowlands	10	2	LM	2000	Cw4 Mr2 Ar2 Ab1 By1 (Sw Po Bf)	20	26	50	Fully	9.6	11.6	0.8	0	22	51%	527	164
Beaver Valley Lowlands	11	1	LD	2000	Po6 Ea3 Wi1	10	0	40		0	0	0	0	0	0%	0	0
Big Mud Lake	13	2	P	2011	Cw9 La1	0	0	3		0	0	0	0	0	0%	0	0
Big Mud Lake	13	3	TS	2000	Wi5 Cw3 Aw2 (Ea)	3	0	20		0	0	0	0	0	0%	0	0
Big Mud Lake	13	4	UC	2000	Cw8 Aw1 Mh1 (Bw Id Ea)	9	20	40	Over	47	5	1	0	53	92%	1916	356
Big Mud Lake	13	5	P	2010	Sn6 Cw4			3									

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Big Mud Lake	13	6	P	2013	Cw7 La1 Hk1 Oh1 (Ob, Ow, Bf)			3									
Big Mud Lake	13	8	LD	2000	Mr8 Ab1 Ar1	15	21	40	Over	20	4	1	0	25	52%	842	172
Big Mud Lake	13	9	TS	2000	Ar9 Ea1	0	20	0	Over	26	4	0	0	30	53%	1071	202
Big Mud Lake	13	10	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Big Mud Lake	13	11	TS	2000	Ar7 Mr1 Ea1 Ab1 (Bf)	6	20	40	Over	20	4	0	0	24	33%	836	163
Big Mud Lake	13	12	FE	1987	No data	0	0	0	Under	0	0	0	0	0	0%	0	0
Big Mud Lake	13	13	UM	2000	Cw5 Aw4 Bw1 (Cb)	5	0	15	Over	0	0	0	0	0	0%	0	0
Big Mud Lake	13	14	UD	2000	Mh5 Aw2 Bd1 Po1 Bw1 (Id)	19	26	52	Over	21.33	10.67	3.33	1.33	36.67	82%	999	272
Big Mud Lake	13	15	P	2000		0	0	0		0	0	0	0	0	0%	0	0
Bighead Headwaters	14	1	UC	2000	Cw9 Pw1 (Sw)	10	0	10		0	0	0	0	0	0%	0	0
Bighead Headwaters	14	2	LM	2000	Cw5 Mr2 Pw1 He1 By1 (Aw Sw)	18	35	50		10	13.33	8.67	6.67	38.67	50%	645	330
Bighead Headwaters	14	3	UD	2000	Mh4 By2 Aw2 Mr1 Id1 (Bd Cb)	100	29	25		12.67	7.33	6	1.33	27.33	78%	634	215
Bighead Headwaters	14	5	UC	2000	Cw10	10	18	25	Fully	42	0	0	0	42	100%	1650	273
Bighead Headwaters	14	6	TS	2000	Bf5 Bw4 Cw1 (Ab Sw Po)	8	0	15		0	0	0	0	0	0%	0	0
Bighead Headwaters	14	7	LM	2000	Cw4 He3 Mr3 (Bw Bf)	6	33	15		5.33	14	4.67	2	26	54%	423	215
Bighead Headwaters	14	8	UM	2000	Bw3 Cw2 Mh2 Sw1 Id1 Aw1	18	27	50	Over	18	14.67	2.67	1.33	36.67	67%	913	277
Bighead Headwaters	14	9	UC	2000	Cw7 Po2 Le1	16	25	50		34	26	2	0	62	94%	1673	452
Bighead River	15	1	OW	2000	Mh3 Aw3 Bn2 Po1 Cw1	22	25	60	Under	5	5	0	0	10	70%	259	73
Bighead River	15	2	OL	2000	Wi3 Po3 Mh1 Cw1 Bd1 Aw1	15	0	20	Fully	0	0	0	0	0	0%	0	0
Bighead River	15	3	UD	2000	Ht6 Or2 Ap1 Cw1 (Aw)	1	0	8	Under	0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Boat Lake	16	1	TS	1987		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	16	2	UC	2000	Cw5 Bf3 Po1 Bw1 (Pw Aw)	16	19	60		30.67	0.67	0.67	0	32	98%	1218	211
Boat Lake	17	2	UC	2000	Cw5 Bf3 Po1 Bw1 (Pw Aw)	16	19	60		30.67	1.33	0	0	32	98%	1222	210
Boat Lake	17	3	UD	2000	Bw6 Mh2 Aw2 (Bd)	0	20	0	Over	28	4	0	0	32	81%	1150	215
Boat Lake	17	4	UM	2000	Bw5 Bf3 Mh1 Po1	10	20	40	Over	28	0	2	0	30	47%	1113	202
Boat Lake	17	5	UD	2000	Po5 Bw2 Aw2 Id1	22	23	40		12	6	0	0	18	56%	546	127
Boat Lake	19	1	UC	2016	Cw8 Po2 (Bw)		24		Fully	24	16	3	0	43	84%	1162	315
Boat Lake	19	2	UM	2016	Bf3 Bw2 Aw2 Mh2 OH1 (Bd Id Be)	11	18			16.8	3.6	0	0.4	20.8	75%	707	143
Boat Lake	19	3	UC	2016	Cw7 Bf1 Po1 Pw1 (Bw Sw)		23			22.53	12.4	1.87	0.8	37.6	93%	1055	274
Boat Lake	19	4	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	19	5	UD	2016	Mh5 Bf1 Bd1 Aw1 Cw1 OH1 (Po Be Pw)		25			12.5	6	2.5	1	22	75%	587	165
Boat Lake	19	6	UC	2016	Cw9 Bf1 (Pw Mh Aw)		17			39	4.5	0	0.5	44	97%	1591	296
Boat Lake	19	7	LD	2000	Ar7 Mr3 (Po Ea)	0	19	40		23	1	0	0	24	21%	916	158
Boat Lake	19	8	LD	2016	Aw4 Mr4 Ab1 OH1 (Ms Ea)		23		Fully	16	5	2	0	23	87%	704	164
Boat Lake	20	1	MA	2000		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	20	2	LM	2000	Cw3 Bw3 Ms3 Ar1	0	0	0	Fully	0	0	0	0	0	0%	0	0
Boat Lake	20	3	P	2000	Pw9 Aw1 (Cw Ap Ht)	6	0	1990	Fully	0	0	0	0	0	0%	0	0
Boat Lake	20	4	UM	2000	Cw5 Bf2 Po2 Bw1 (Sw Sn Pw Ms Cb)	8	20	80	Over	27.2	4.4	0.4	0	32	70%	1126	217
Boat Lake	20	6	UD	2016	Mh5 Po2 Bd1 Aw1 Bw1 (Id)		25		Fully	12.5	7.5	3	0.5	23.5	85%	606	177
Boat Lake	20	7	UC	2000	Cw8 Aw2 (Bf Bw Po Bd)	5	0	15	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	8	P	2000	Sw5 Cw2 Ap2 Ht1 (Aw Wi Ea Mh)	3	0	12	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	9	P	2000	Pw8 Pr2 (Aw)	6	0	12	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	10	UD	2000	Mh7 Be1 Aw1 He1 (Id Bf)	18	26	80	Over	20	10	6	0	36	44%	950	270
Boat Lake	20	11	UC	2000	Cw8 Aw2 (Bd Bf Bw Po)	5	0	15	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	12	P	2000	Pr10 (Cw Aw Mh)	5	0	10	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	13	UD	2000	Mh7 Aw2 Bd1	10	24	50	Under	10	0	0	2	12	17%	402	87
Boat Lake	20	14	OL	2000		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	20	15	P	2000	Sw4 Cw3 Ap1 Ht1 Aw1 (Wi Mh Ea Cc)	0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	20	16	UM	2000	Aw4 Mh3 Cw3	6	0	15		0	0	0	0	0	0%	0	0
Boat Lake	20	17	P	2000	Pr7 Aw1 Pw1 Sw1 (Ap Cw Ea Ht Mh)	6	0	15		0	0	0	0	0	0%	0	0
Boat Lake	20	18	P	2000	Pw8 Pr2 (Aw)	6	0	12	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	19	P	2000	Cw8 Pw1 Aw1	2	0	8	Over	0	0	0	0	0	0%	0	0
Boat Lake	20	20	UC	2000	Cw8 Aw2 (Bf Bw Po Bd)	5	0	10		0	0	0	0	0	0%	0	0
Boat Lake	20	21	LD	2000	Po7 Aw2 Cw1	17	26	60		12	16	0	0	28	21%	671	208
Boat Lake	21	1	MA	1987		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	21	2	UD	2000	Po7 Bw2 Sw1 (La Cw Bf)	19	24	65	Fully	14	10	0	0	24	21%	675	172
Boat Lake	21	3	LD	2000	Wi4 Ab3 Aw2 Cw1	4	0	20		0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Boat Lake	21	4	LD	2000	Po5 Mr3 Ea2 (Ms)	16	24	40	Under	10	4	0	1	15	33%	447	108
Boat Lake	21	5	MA	1987		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	21	6	UC	2000	Cw9 Aw1(Po, Bw)	3	0	20		0	0	0	0	0	0%	0	0
Boat Lake	21	7	UD	2000	Po3 Bw3 Aw2 Mh1 Id1 (Bd)	12	21	40	Fully	21	0	3	0	24	67%	845	166
Boat Lake	21	8	LD	2000		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	22	1	LD	2000	Mh8 Aw2 (Be)	0	27	0		13	11	4	0	28	89%	674	213
Boat Lake	22	2	LD	2000	Po8 Bw1 Cw1 (Mh Aw)	20	23	60	Fully	16	7.33	0.67	0	24	42%	724	170
Boat Lake	22	3	LC	2000	Cw9 Bw1 (Ab Wi)	4	0	15	Fully	0	0	0	0	0	0%	0	0
Boat Lake	22	4	UD	2000	Bd4 Bw3 Cb2 Mr1 (Aw)	16	29	80	Fully	10	6	6	0	22	73%	507	172
Boat Lake	22	5	TS	2000		15	0	40		0	0	0	0	0	0%	0	0
Boat Lake	22	6	LM	2000	Cw6 Mr3 By1 (Bf Po Bw)	6	22	40		24.5	7	1.5	0	33	30%	1060	231
Boat Lake	22	7	LM	2000	Cw5 Mr2 Ar2 Ab1	18	26	60		12	14	0	0	26	15%	646	192
Boat Lake	22	8	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	22	9	UD	2000	Mh5 Bw3 By1 Aw1 (He Id Bd Cb Po Be)	22	26	80	Over	14.53	13.2	2.53	0.13	30.4	68%	752	228
Boat Lake	22	10	LD	2000	Mr2 Cw2 Ar2 Bw2 Wi2 (Ab La)	4	0	25		0	0	0	0	0	0%	0	0
Boat Lake	22	11	UD	2000	Bw4 Mh3 Mr1 Cw1 Pr1 (Or Ps Bf Be Aw)	10	23	6	Fully	18	5.5	1	0.5	25	80%	785	177
Boat Lake	22	12	TS	2000	Mr3 Po3 Wi2 Ar2	0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	23	1	MA	1987		0	0	0		0	0	0	0	0	0%	0	0
Boat Lake	23	2	LD	2000	Po7 Bw2 Sw1 Bf1 (Cw Ab La)	19	23	65	Fully	17.5	8.5	0.5	0	26.5	30%	797	188
Boat Lake	23	3	LD	2000	Wi4 Ab4 Aw1 Cw1	4	0	20		0	0	0	0	0	0%	0	0
Boat Lake	23	4	UC	2000	Cw9 Bw1	6	18	30	Under	18	0	0	0	18	100%	707	117
Boat Lake	23	6	UC	2000	Cw9 Po1 (Bw)	8	18	20		31	0	0	0	31	100%	1218	202
Bognor Marsh	24	1	LM	2000	Wi7 Ea1 Po1 (Cw, Bd)	4	0	20		0	0	0	0	0	0%	0	0
Bognor Marsh	24	2	MA	2000		0	0	0		0	0	0	0	0	0%	0	0
Bognor Marsh	24	3	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Bognor Marsh	25	1	UD	2000	Mh8 Aw2 (Bd, Bw, Cb, Be, Id, Bn)	22	29	90	Fully	10.2	9.8	4.2	0.4	24.6	67%	552	191
Bognor Marsh	25	2	UC	2000	Cw8 By1 Aw1 (Po, Mh)	14	24	80	Over	26.67	8	4.67	0.67	40	40%	1181	291
Bognor Marsh	25	3	UD	2004	Mh6 Aw4 (Bd)	28	29	80	Fully	8	9.33	3.33	0	20.67	84%	452	160
Bognor Marsh	26	1	UD	2013	Mh9 Cb1 (Bd)	24	38	90	Fully	3.33	10.33	8.67	4	26.33	82%	334	233
Bognor Marsh	26	2	MA	2000	Cw6 Mr1 Bw1 Sw1 Po1 (By, Bf, Ab)	10	24	60		14	6	0	1	21	52%	629	151

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Bognor Marsh	26	3	LM	2000	Cw5Ab1Bf1Po1Sw1	3	0	40		0	0	0	0	0	0%	0	0
Bognor Marsh	26	4	UD	2018	Aw3 Mh2 He1 Cw1 Id1 Bd1 OH1(Be, Bf Bw, Cb, Ea, Po)	28	32		Under	16.5	10	5	7.5	39	88%	838	318
Bognor Marsh	26	6	P	2018	Pw7 Aw1 Cw1 OH1 (Ea, Mh)	27	31	54	Fully	7.333	24	8	0	39.333	92%	639	320
Bognor Marsh	26	7	UC	2018	Cw9 OC1 (Pw, Sw, Aw)	9	20		Over	46.4	10.8	1.6	0	58.8	97%	1968	405
Bognor Marsh	27	1	MA	2000		0	0	0		0	0	0	0	0	0%	0	0
Bognor Marsh	27	2	UD	2000	Aw5 Mh2 Cb1 Ea1 Id1	10	21	20	Under	7	2	0	0	9	67%	300	62
Bognor Marsh	27	3	LM	2000	Cw3 Po2 Bf1 He1 Mr1 By1 Ab1 (Bd, Aw, Bw, Id, Mh)	12	24	60	Over	21.4	6.2	3.6	0.2	31.4	59%	943	227
Bognor Marsh	27	4	LM	2000	Bf4 Cw3 Bd2 Aw1	10	21	50		26	6	0	0	32	69%	1096	218
Bognor Marsh	27	5	UD	2000	Mh5 Bd1 He1 Aw1 Cb1 Cw1 (Bf)	25	28	50	Over	10	16	2	0	28	79%	605	214
Bognor Marsh	27	6	LD	2000	Aw7 Wi2 Ea1	3	0	20		0	0	0	0	0	0%	0	0
Bognor Marsh	27	7	MA	2000	Cw7Bf1Ab1By1	8	23	20		6	3	0	0	9	56%	273	63
Bognor Marsh	27	8	UM	2000	Ms3 Po3 By2 Cw2 (He, Ea)	10	19	40		22	2	0	0	24	42%	889	159
Bognor Marsh	27	9	OL	2000	Cw7 Aw1 Cb1 Ht1 (Ea)	6	0	30		0	0	0	0	0	0%	0	0
Bognor Marsh	27	10	UD	2016	Aw6Mh2He1Oh1(Be,Po)		26			16	13	4	0	33	85%	817	249
Bognor Marsh	27	11	UD	2000	Mh8 Aw1 Be1 (Id)	20	31	50	Fully	8	10	6.5	0	24.5	69%	481	196
Bognor Marsh	27	12	UD	2016	Mh9Oh1(He,Cb,Be,Aw)	22	37	75	Fully	3	7	11.33	2	23.33	77%	288	208
Bognor Marsh	27	13	P	2016	Pw4 Po3 Sw1 Cw1 OH1 (Bw Ea Aw)		22	30	Over	26	8	1.6	0	35.6	94%	1132	250
Bognor Marsh	27	14	UD	2000	Aw5 Mh2 Bd1 Id1 Po1 (Mr, Be)	25	26	80	Over	20	7.33	1.33	3.33	32	52%	900	239
Bognor Marsh	27	15	UD	2000	Mh8 Po1Aw1 (Bd, Bn, Id, Cb, Bw, Be, He)	18	28	45	Over	14.92	10.83	3.33	1.42	30.5	59%	749	233
Bognor Marsh	27	16	P	2012	Pw9 Oh1 (Mh, Aw, Cb)	17	31	49	Over	11.07	18	8	1.67	38.73	80%	719	314
Bognor Marsh	27	17	UD	2000	Po9 Bw1	10	18	20	Fully	28	0	0	0	28	36%	1100	182

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Bognor Marsh	27	18	UD	2000	Mh8Aw2	24	27	80		14	14	4	0	32	50%	751	244
Bognor Marsh	27	19	UM	2000	Po4 Cw4 Ab1 He1 (Ea)	20	26	60		16	16	2	0	34	76%	841	253
Bognor Marsh	27	20	LD	2000	Ms8 Ea1 Ab1 (Cw, Bd, By)	23	30	60	Over	19.33	10.67	3.33	7.33	40.67	62%	946	324
Bognor Marsh	27	21	DAL	2000	No data	0	0	0		0	0	0	0	0	0%	0	0
Bognor Marsh	27	22	P	2000	Pr8 Pw2	0	0	1	Fully	0	0	0	0	0	0%	0	0
Bognor Marsh	27	23	UD	2000	Mh9 Bn1	24	34	80	Fully	1	21	4	1	27	63%	331	227
Bognor Marsh	27	24	P	2016	Pw8 Ea1 OH1 (Aw Mh)	16	21	30		27.67	10.33	0	0	38	96%	1216	264
Bognor Marsh	27	25	UD	2017	Mh7Aw2OH1 (Bd Ea Cb Id Po Ab Be Bn Cw Ms)	26	33	100	Fully	8.379	10.886	6.632	2.81	28.708	88%	521	238
Bognor Marsh	27	26	UD	2018	Cw4Po2Aw2Mh1Bd1 (Ea)	20	23		Under	20.4	4.8	2.4	0.4	28	81%	879	199
Bognor Marsh	27	27	UC	2000	Cw7 Aw2 Ea1 (Id, Po, By)	16	20	50		22	2.67	0	0	24.67	89%	898	165
Bognor Marsh	27	28	UC	2000	Mh3 Cw3 Aw3 Ea1 (Ap, Cb, Id)	10	0	20		0	0	0	0	0	0%	0	0
Bognor Marsh	27	29	P	2016	Pw10		18	19		34	0	0	0	34	82%	1336	221
Bognor Marsh	27	30	LM	2000	Wi2 Cw2 Po2 Ea2 Aw2	3	0	20		0	0	0	0	0	0%	0	0
Bognor Marsh	27	31	UD	2000	Mh8 Bd1Ea1 (Aw)	20	28	70	Under	8.5	7	3.5	0	19	47%	444	146
Bognor Marsh	27	32	LM	2000	He3 Mh1 Aw1 Bd1 Cw1 Ab1 Bf1 By1 (Bw, Be, Id, Mr)	15	28	45		13	6.67	5	0.67	25.33	58%	630	195
Bognor Marsh	27	33	TS	2000		4	0	10		0	0	0	0	0	0%	0	0
Bognor Marsh	27	34	UM	2000	Po7 Pw2 Sw1	14	18	20		20	0	0	0	20	80%	786	130
Bognor Marsh	27	35	UD	2000	Mh8 Bd1Ea1 (Aw)	20	28	70	Under	8.5	7	3.5	0	19	47%	444	146
Bognor Marsh	27	36	LM	2000	Cw5 Po1 Bd1 Ea1 Bw1 Mh1 (Ab, Ms, By, Bf, Aw)	18	26	60	Over	15.6	9.6	3.2	0	28.4	54%	753	211
Bognor Marsh	27	37	UD	2000	Mh4 Aw2 Bd2 Ab1 Ms1 (Po, Ms)	16	24	0	Under	10	5	0.5	0.5	16	50%	461	116
Bognor Marsh	27	38	LD	2000	By2 Aw2 Ab2 Bf1 Po1Cw1Bd1 (Ms, Ar)	18	21	40	Under	10.8	2.4	0.4	0	13.6	85%	457	94

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Bognor Marsh	27	39	MA	0		0	0	0		0	0	0	0	0	0%	0	0
Bognor Marsh	27	41	TS	2000		3	0	40		0	0	0	0	0	0%	0	0
Bognor Marsh	27	43	P	2016	Pw7 Sw2 Mh1 (Cb Aw)	18	34	50	Over	10.5	21	14	2.5	48	90%	777	402
Bognor Marsh	27	44	UD	2000	Mh6 Cb2 Aw1 Ea1	20	39	50	Over	4	11.33	5.33	8.67	29.33	39%	371	264
Bognor Marsh	27	45	UM	2000	Cw7 Aw1 Po1 Bw1	0	23	0	Fully	20	4	0	2	26	92%	844	184
Bognor Marsh	27	46	LD	2000	Wi8 Ht2 (Pw, Ea, Cw, Aw, Ap)	2	0	20		0	0	0	0	0	0%	0	0
Brookholm	28	1	UD	2000	Ap3 Aw3 Mh2 Cb2 (Pw, Ps,Ea)	10	0	20		0	0	0	0	0	0%	0	0
Brookholm	28	2	UD	2000	Mh6 Be2 Aw1 Bd1 (Cb Id)	20	20	50		25	3	0	0	28	79%	1020	187
Brookholm	28	3	UM	2000	Cw7 Aw2 Po1	8	18	40		14	0	0	0	14	86%	550	91
Bruce's Caves	29	1	UC	2000	Cw9 Aw1 (Ap)	12	27	50		22	28	2	0	52	100%	1226	390
Bruce's Caves	29	2	UD	2000	Aw4 Cw2 Ap2 Ea1 Ht1 (Mh Wi Po Bw)	8	0	15	Fully	0	0	0	0	0	0%	0	0
Bruce's Caves	29	3	UM	2000	Cw6 Bw2 Aw1 By1 (Po Bf)	15	21	60	Fully	46	11	1	0	58	78%	1951	398
Bruce's Caves	29	4	UD	2000	Mh4 Aw3 Bw2 Id1 (Cw Bd Cb Ea Bf)	16	19	80	Fully	18.44	0.44	0	0.22	19.11	62%	731	126
Bruce's Caves	29	5	UD	2000	Ap4 Ht4 Aw1 Cw1	5	0	15	Under	0	0	0	0	0	0%	0	0
Bruce's Caves	29	6	UM	2000	Cw6 Bw2 Bd1 Po1 (Mh)	15	23	50	Fully	26	10	2	0	38	42%	1159	270
Bruce's Caves	29	7	UD	2000	Mh8 Aw2 (Bd Bw Cb Be Id)	22	25	80	Fully	16.73	9.82	1.45	0.73	28.73	58%	792	211
Clendenan	31	1	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Clendenan	31	4	UC	2000	Cw10 (By)	14	27	60		24	32	4	0	60	73%	1367	455
Clendenan	31	5	LD	2000	Wi10	16	30	45		2	10	0	0	12	100%	203	94
Clendenan	31	6	UD	2000	Mh8 He1 Be1	30	44	100		1	5	13	8	27	67%	222	260
Clendenan	31	7	UM	2000	Cw7 Bd2 Aw1 (Mh)	15	31	50		22	24	12	4	62	71%	1259	498
Clarksburg	32	1	LD	2000	Wi10	20	52	80		0	0	8	32	40	100%	192	424
Clarksburg	32	2	LC	2000	Cw10 (Bw)	15	31	50		12	36	6	2	56	96%	967	450
Clarksburg	32	3	UD	2000	Po6 Aw4	18	31	40		6	16	4	0	26	100%	461	208
Clarksburg	33	1	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Haines Dam	34	1	LD	2000	Wi9 Aw1 (Be)	20	47	80		2	6	14	26	48	75%	359	479
Haines Dam	34	2	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Haines Dam	34	3	LC	2000	Cw9 Po1 (Aw)	16	26	50		28	28	2	0	58	100%	1462	429
Colpoy's Lookout	35	1	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Colpoy's Lookout	36	1	UM	2000	Cw6 Po2 Bw1Aw1 (Bf)	9	24	0		20.67	8.67	2	0	31.33	60%	933	224
Epping-John Muir Lookout	37	1	P	2014	Pw10												
Epping-John Muir Lookout	37	2	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Epping-John Muir Lookout	37	3	UD	2014			20			31.67	4	0	0	35.67	96%	1294	239
Eugenia Falls	38	1	UD	2000	Mh10	24	48	100		0	0	16	12	28	71%	158	285
Eugenia Falls	38	2	UD	2000	Aw7 Mh1 Po1 Be1	20	28	80		4	10	0	0	14	71%	282	107
Eugenia Falls	38	3	UC	2000	Cw9 Bw1 (Aw, Id, Bf)	0	26	0		41	23	6	2	72	54%	1945	534
Feversham	39	1	UD	2018	Mh9 OC1 (Cw, Sw)	24	41	105	Under	2	5	6.333	4.333	17.666	64%	201	162
Feversham	39	2	UC	2000	Cw8 Sw1 Bf1 (Ab, By)	12	27	70		18.67	14.67	5.33	0	38.67	88%	951	292
Feversham	39	3	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Feversham	39	4	P	2018	Pw9 Pr1 (Cb, Mh)	16	25		Over	18.785	23.285	0.428	0	42.5	92%	1031	316
Feversham	39	5	P	2000	Pr10	7	18	13		35.63	0	0	0	35.63	100%	1400	232
Madeleine Graydon	40	1	UC	2000	Cw9 Bf1 (By, Mh)	12	24	50		30	12.67	3.33	0	46	90%	1358	330
Madeleine Graydon	40	2	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Madeleine Graydon	40	3	UD	2000	Mh5 Cb3 He1 Cw1 (By, Bf, Bd, Mr)	20	25	60		17	7.5	3	0	27.5	85%	781	201
Madeleine Graydon	40	4	P	2000	Pw4 Le3 Cw3	1	0	7		0	0	0	0	0	0%	0	0
Flesherton	49	1	P	2000	Sn10 (Ap, Ht)	4	0	10		0	0	0	0	0	0%	0	0
Flesherton	49	2	P	2000	Pr10	10	18	18		15.27	0	0	0	15.27	100%	600	99
Flesherton	49	3	LC	2000	Cw10 (Po)	12	20	40		46	6	0	0	52	100%	1882	348
Flesherton	49	4	UC	2000	Cw9 Ht1 (Ap)	4	0	10		0	0	0	0	0	0%	0	0
Flesherton	49	5	P	2000	Sn10 (Ap, Ht)	4	0	10		0	0	0	0	0	0%	0	0
Flesherton	49	6	UC	2000	Cw10 (La, Ea)	12	20	40		50	2	2	0	54	100%	2003	361
Flesherton	50	1	P	2000	Sw10 (Ap, Ht)	4	0	10		0	0	0	0	0	0%	0	0
Flesherton	50	2	P	2000	Pr10	10	18	18		19.09	0	0	0	19.09	100%	750	124
Flesherton	50	3	UC	2000	Cw10 (La, Ea)	12	20	40		50	2	2	0	54	100%	2003	361

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Flesherton	50	4	UD	2000	Mh4 Po2 Cb2 Sw1 Bw1	20	24	70		12	4	2	0	18	100%	534	130
Gleason Brook	51	1	UM	2000	Aw4 Wi3 Cw1 Mh1 Ea1	5	0	15		0	0	0	0	0	0%	0	0
Gleason Brook	51	2	UD	2000	Aw3 Cw3 Ea1 Mh1 Cb1	10	0	20		0	0	0	0	0	0%	0	0
Gleason Brook	51	3	UD	2018	Id4Bd3Aw2Mh1	20	28		Under	10	12	2	4	28	57%	573	225
Gleason Brook	51	5	UC	2000	Cw5 Pw3 Wi 1 Aw1 (Ea, Ht, Ap)	4	0	8		0	0	0	0	0	0%	0	0
Gleason Brook	51	6	LD	2000	Wi5 Ms2 Aw2 Ea1 (Ht)	10	0	30		0	0	0	0	0	0%	0	0
Gleason Brook	51	7	UD	2005	Mh9OH1 (Bd,Aw,Id)	22	34	80		3.33	10	7.33	0	20.67	71%	304	174
Gleason Brook	51	9	UM	2000	Cw4 Po4 He1 Mh1 (Sw)	18	23	50		24	12	0	0	36	83%	1092	254
Gleason Brook	51	10	TS	2000	Ab6Po3Wi1	0	0	0		0	0	0	0	0	0%	0	0
Gleason Brook	51	11	MA	2000	Pb6Ab4	0	0	0		0	0	0	0	0	0%	0	0
Gleason Brook	51	12	LM	2000	Cw6 Ab4	0	0	0		0	0	0	0	0	0%	0	0
Gleason Brook	51	13	UM	2000	Cw3 Po2 Mh1 Bf1 Bd1 Bw1 He1 (Sw)	20	30	90		15	11	9	1	36	78%	790	285
Gleason Brook	52	1	UD	2018	Mh7 Aw1 Bd1 OH1 (Be, Cb, Ea, Id, Po)		33		Under	5.2	7.5	5.4	2.1	20.2	89%	342	170
Gowan Lake	54	1	UD	2012	Mh8 Aw1 Oh1 (Be, Bd, Id)	23	35	75		4.8	8.2	6.6	2	21.6	79%	343	184
Gowan Lake	54	2	UD	2000	Mh2 Aw2 Ap2 Po2 Ht2 (Ea, Id, Pr)	3	0	20		0	0	0	0	0	0%	0	0
Griersville	55	1	DAL	2000		0	0	0		0	0	0	0	0	0%	0	0
Griersville	55	3	UD	2018	Mh6Id2Aw1OH1 (Bd Be Bn Bw Cw Ea)	24	36		Fully	7	9.75	8.75	4.75	30.25	79%	475	261
Griersville	55	5	UD	2014	Aw3Ea2Mh2Bd1Cw1Or1	13				6.666	4	1.333	4	16	100%	338	132
Rocklyn Creek	56	1	UD	1994	Mh3 He2 Ea2 Pb1 Aw1 Be1 (By)	20	27	60		10.67	1.33	0.67	2.67	15.33	30%	452	116
Rocklyn Creek	56	2	UD	1994	Mh8 Be1 Aw1 (Ea, Be, Id)	20	34	60		10.25	5.25	7.75	4.25	27.5	53%	538	231
Rocklyn Creek	56	3	UD	1994	Mh4 Aw3 Ea3 (Sb)	3	0	20		0	0	0	0	0	0%	0	0
Rocklyn Creek	56	4	P	2000	Pw10	6	18	15		38.17	0	0	0	38.17	90%	1500	248
Griersville	57	1	UD	2000	Mh4 Id4 Aw2	21	29	0		12	8	8	0	28	71%	624	221
Griersville	57	2	UC	2000	Cw6 Bw3 Bd1 (Id, Ea)	13	23	0		24	7.33	2	0	33.33	62%	1047	235
Griersville	57	3	UD	2018	Mh8Aw1Be1 (Bd Id)	27	29		Fully	11	10.4	4	1.8	27.2	86%	596	214

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Griersville	57	4	P	2018	Pr6Pw2Mh2 (Aw By)	28	30		Fully	12	32	6	2	52	96%	918	418
Griersville	57	5	UD	2018	Aw4 Mm2 Bd1 Ea1 By1 Cc1	15	21		Under	6.5	1	0	0	7.5	93%	268	50
Griersville	57	6	UD	2000	Mh3 Aw2 Ea2 Mm2 Ps1	4	0	0		0	0	0	0	0	0%	0	0
Hibou	58	1	LD	2000	Wi9 Ea1 (Aw, Po)	1	0	20		0	0	0	0	0	0%	0	0
Hibou	58	2	UM	2000	Cw5 Po3 Sw1 Bf1 (Bw)	20	22	50		27	9	1	0	37	86%	1180	259
Hibou	58	3	LD	2000	Po10	18	25	40		12	6	2	0	20	100%	559	146
Hibou	58	4	UD	2000	Aw7 Po1 Cw1 Wi1	10	0	40		0	0	0	0	0	0%	0	0
Hibou	58	5	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Hibou	58	6	UM	2000	Aw5 Ht2 Sw1 Pr1 Cw1	10	0	20		0	0	0	0	0	0%	0	0
Hibou	58	7	UD	2000	Aw3 Po2 Bw2 Cw2 Mr1 (Ab, Ms, Ea, Bf, Cb, He)	20	25	70		12.4	7	1.33	0.33	21.07	73%	585	154
Hibou	58	8	UM	2000	Aw5 Ht2 Sw1 Pr1 Cw1	10	0	20		0	0	0	0	0	0%	0	0
Hibou	58	9	UM	2000	Cw4 Aw4 Po1 Ht1	4	0	10		0	0	0	0	0	0%	0	0
Hibou	58	10	UM	2000	Cw4 Aw4 Po1 Ht1 (Ps, Sb)	4	0	10		0	0	0	0	0	0%	0	0
Hibou	58	11	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Hibou	58	12	UM	2000	Aw6 Cw2 Pw1 Ps1 (Ht, La)	4	0	15		0	0	0	0	0	0%	0	0
Hodgins Lake	60	1	LD	2000	Mr3 By2 Bw2 Aw1 Mh1 Ab1 (Po, Bf, Cw, Cb)	16	26	40		10.89	8	1.56	0.67	21.11	54%	541	158
Hodgins Lake	60	2	UD	2000	Mh7 Be2 Bw1 (Aw, Id)	21	26	100		21	5	6	1	33	70%	931	246
Hodgins Lake	60	3	LM	11		0	0	0		0	0	0	0	0	0%	0	0
Hodgins Lake	60	4	MA	2000		0	0	0		0	0	0	0	0	0%	0	0
Hodgins Lake	60	6	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Hodgins Lake	60	7	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Hodgins Lake	61	1	LD	2000	By3 Mr2 Po2 Aw2 Cw1	10	25	30		8	2	2	0	12	67%	352	88
Hodgins Lake	61	2	UD	2000	Mh7 Bw2 Be1 (Aw, By, Mr, Ms)	22	29	60		12	12.5	3	1.5	29	74%	653	225
Hodgins Lake	61	3	UM	2018	Cw4 Aw2 Bw1 Ea1 Po1 OH1 (Be, Id, Sw)	15	20		Under	16.666	2.333	1	0	20	93%	691	137
Hodgins Lake	61	4	UC	2018	Cw8 Bw1 OH1 (Ab, Bf, Po, Cb)	11	24		Fully	13	13	1	0	27	87%	679	200
Hodgins Lake	61	5	TS	2000	No data	0	0	0		0	0	0	0	0	0%	0	0
Hodgins Lake	61	6	UC	2018	Bw3 Cw2 Aw1 Bf1 Mh1 OH2 (Po, Id, Bd)	12	20		Under	15.5	2	2	0	19.5	90%	647	137

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Hodgins Lake	61	7	UD	2018	Mh3 Bw3 Bf1 Aw1 Cw1 (Po, Id, Be)	17	23		Under	12.285	4.857	1.142	0	18.285	89%	551	131
Hodgins Lake	61	9	UC	2018	Cw5 Sw1 Po1 Aw1 OH2 (Bd, Bf, Be, Id, Mh)	11	18		Fully	21.4	1.6	0.2	0	23.2	94%	862	154
Holland Centre	62	1	P	2014	Pw8 Mh1 Oh1 (Po, Cb, Cw, Aw)	18	29	54		12	25	3	0	40	100%	802	310
Holland Centre	62	2	UC	2014	Cw9 Oh1 (Ea, Aw, Bw)	16	21	44		45	12	0	0	57	100%	1918	390
Holland Centre	62	3	UD	2018	Mh8 Be1 OH1 (Bw, By)	26	35	88	Fully	7.142	7.428	7.142	3.428	25.142	83%	435	213
Indian Creek	64	1	P	2000	Pr10	9	18	15		17.39	0	0	0	17.39	93%	683	113
Indian Creek	64	2	LD	2000	Ea10	10	0	20		0	0	0	0	0	0%	0	0
Indian Creek	64	3	LD	2000	Wi10	2	0	20		0	0	0	0	0	0%	0	0
Indian Creek	64	4	P	2000	Pw6 Pr4	6	18	15		25.45	0	0	0	25.45	100%	1000	166
Indian Creek	64	5	LD	2000	Ab6 Ms2 Wi1 Ea1	22	25	60		26	4	8	0	38	42%	1124	279
Inglis Falls	66	1	P	2000	Pw9 Aw1 (Ht, Cb, Sw, Wb)	6	0	12		0	0	0	0	0	0%	0	0
Inglis Falls	66	2	UM	2000	Mh3 Cw3 Bd2 Aw1 He1 (Cb, Po)	22	38	80		3.2	10	6.4	6	25.6	64%	318	229
Inglis Falls	66	3	DAL	2000	Mh5 Po3 Aw2	5	0	20		0	0	0	0	0	0%	0	0
Inglis Falls	66	4	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Inglis Falls	66	7	P	2000	Pw10	8	18	15		10.18	0	0	0	10.18	100%	400	66
Inglis Falls	66	8	UD	2000	Aw4 Po2 Mh2 Wi1 Ea1	5	0	15		0	0	0	0	0	0%	0	0
Inglis Falls	66	9	P	2000		0	0	0		0	0	0	0	0	0%	0	0
Inglis Falls	66	10	UM	2000	Cw8 By1 Bw1 (He, Po, Mh)	12	25	50		26	12	2.8	0.8	41.6	69%	1193	303
Inglis Falls	66	11	UD	2000	Mh7 Aw2 Bn1	26	30	60		12	12	6	2	32	56%	669	255
Inglis Falls	66	12	UM	2000	He4 Be2 Mh1 By1 Bd1 Aw1 (Cb, Bw, Cw, Mr)	20	33	60		8.67	14.67	9.33	1.33	34	76%	590	281
Inglis Falls	66	13	UD	2017		22	29		Fully	14.733	12.8	5.466	3.333	36.333	81%	789	289
Inglis Falls	66	14	UC	2017	Cw5He2Aw1Oh2	9	22		Over	35	10.333	4.666	0.666	50.666	89%	1537	364
Inglis Falls	66	15	UM	2017	Cw5 Bn2 Oh3	6	19		Under	8	1	0	0	9	67%	327	60
Inglis Falls	66	16	P	2011	Pw6 Or3	0	0	3		0	0	0	0	0	0%	0	0
Inglis Falls	66	18	UM	2000	Ps4 Aw3 Ht1 Ap1 Ea1	4	0	20		0	0	0	0	0	0%	0	0
Inglis Falls	66	19	UD	2017	Aw4Ea1Bd1Be1He1Oh3	14	21		Under	17	4.666	0.333	0.333	22.333	87%	730	155
Inglis Falls	66	20	UM	2017	He3Bd2Cb1Aw1Id1Bn1Ea1	18	31		Fully	16.8	14.4	4.4	6	41.6	88%	894	334
Inglis Falls	66	21	P	2017	Wb9Aw1	18	27		Fully	16	22	4	0	42	95%	929	322
Inglis Falls	66	22	UD	2017	Mh6Aw2Oh2	18	28		Fully	13.25	12.5	4.75	1.75	32.25	80%	715	253
Inglis Falls	66	23	UM	2000	He3 Mh3 Cw1 Aw1 Bd1 Id1 (Cb)	20	27	60		22	14	7	1	44	77%	1089	336
Inglis Falls	66	24	UC	2000	Cw9 Mh1 (Ea, Be, Aw)	13	26	60		36	17.33	8	2	63.33	60%	1692	474
Inglis Falls	66	25	OW	2000		0	0	0		0	0	0	0	0	0%	0	0

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Inglis Falls	66	26	UM	2000		0	0	0		0	0	0	0	0	0%	0	0
Inglis Falls	66	27	P	2000	Le10	24	37	40		5.09	32.17	38.01	0	75.27	88%	850	664
Inglis Falls	66	30	UC	2000	Cw9 Aw1 (Cp, Bd)	14	29	80		19.33	34.67	6.67	1.33	62	85%	1240	487
Inglis Falls	66	31	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Inglis Falls	66	32	UM	2000	Cw4 Aw3 He2 Mh1 (Bd)	20	30	70		12	19	3	2	36	61%	736	283
Inglis Falls	66	34	UM	2000	He4 Mh3 Aw1 Mr1 By1 (Be, Bd, Cw)	20	33	80		6.5	14	7.5	1	29	66%	483	240
Inglis Falls	66	35	UC	2000	Cw9 He1 (Mh)	14	28	50		24	32	4	2	62	77%	1376	477
Inglis Falls	66	37	UD	2000	Ht5 Aw2 Cb2 Bd1 (Ea)	4	0	15		0	0	0	0	0	0%	0	0
Inglis Falls	66	38	LD	2000	Ar8 Ea1 Mr1	19	21	30		32	10	0	0	42	95%	1382	289
Inglis Falls	66	40	UC	2000	Cw9 Po1	20	24	40		30	24	0	0	54	78%	1477	390
Inglis Falls	66	41	UC	2000	Cw10	8	18	20		26	0	0	0	26	100%	1022	169
Isaac Lake	67	1	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Isaac Lake	67	2	UD	2000	Mh9 Bw1 (Aw, Id)	16	20	50		35	7	0	0	42	48%	1462	285
Isaac Lake	68	1	MA	1987		0	28	0		14	18	4	0	36	83%	800	276
Isaac Lake	68	2	P	2000		0	0	0		0	0	0	0	0	0%	0	0
Isaac Lake	68	3	UM	2000	Po5 Cw3 Ea1 Bw1 (Cb. Ap. Pw)	6	0	20		0	0	0	0	0	0%	0	0
Isaac Lake	68	4	LD	2000	Mr7 Ar1 Ea1 Po1	14	21	60		21.33	4.67	0	0	26	62%	896	177
Isaac Lake	68	5	UD	2000	Bw5 Cw3 Cb1Bd1 (He, Ms, Or)	14	21	50		33	6	1	0	40	83%	1378	273
Isaac Lake	68	6	UD	2000	Mh7 Ms1 Bd1 Cb1	19	26	50		14	18	0	0	32	81%	774	237
Isaac Lake	68	7	UD	2000	Mh7 Bd1 Be1 Aw1	17	29	60		9.33	16	4	0	29.33	59%	592	230
Isaac Lake	68	8	UM	2000	Cw6 Aw3 Mh1	6	0	30		0	0	0	0	0	0%	0	0
Isaac Lake	69	1	UD	2000	Po3 Mh2 Bw2 By1 Aw1 Id1 (Bd)	16	23	50		13.33	4.67	0.67	0.33	19	60%	588	135
Isaac Lake	69	2	LD	2000	Pw8 Cw1 Ea1 (Wi)	3	0	12		0	0	0	0	0	0%	0	0
Isaac Lake	69	3	P	2000	Pw8 Cw1 Ea1 (Wi)	3	0	12		0	0	0	0	0	0%	0	0
Isaac Lake	69	5	UD	2000	Po3 Bw2 Mh2 Aw1 Bd1 Cb1	15	0	50		0	0	0	0	0	0%	0	0
Isaac Lake	69	6	UM	2000	Cw8 Aw1 Bw1 (Cb)	8	0	30		0	0	0	0	0	0%	0	0
Isaac Lake	70	1	UC	2018	Cw9 Oh1 (Ea, Po)	7	17	40	Under	18.666	1	0.333	0	20	100%	748	133
Isaac Lake	70	2	UD	2000	Mh9 Aw1 (Id)	22	40	100	Over	3	10	9	8	30	73%	336	275
Isaac Lake	70	3	P	2000	Cw9 Aw1 (Po)	0	0	0	Fully	0	0	0	0	0	0%	0	0
Isaac Lake	70	4	P	2000	Cw9 Aw1 (Ap)	4	0	12	Fully	0	0	0	0	0	0%	0	0
Isaac Lake	70	5	P	2000	Pw8 Cw2 (Ap)	6	0	10	Fully	0	0	0	0	0	0%	0	0
Isaac Lake	70	6	DAL	2000		0	0	0		0	0	0	0	0	0%	0	0
Kemble Mountain	71	1	UD	2018	Mh9 Aw1 (Be Bd Id)	26	35		Fully	5.254	10.067	9.627	2.711	27.661	88%	407	239
Kemble Mountain	72	1	UD	2012	Mh7 Aw2 Oh1 (Bd, Be, Id)	24	34	80	Fully	5	8.75	7.25	1	22	83%	357	185
Kemble Mountain	72	2	UD	2000	Aw8 Bn1 Mh1 (Id, Po)	15	26	60	Fully	16	9	2	1	28	46%	758	207

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Kemble Mountain	72	4	UD	2000	Ap8 Aw1 Mh1 (Cw, Pw, Sw)	1	0	15	Under	0	0	0	0	0	0%	0	0
Kemble Mountain	73	1	UD	2018	Mh8Aw2 (Bd Be)	28	34		Fully	3.8	10.6	7.5	1.3	23.2	84%	336	198
Kemble Mountain	74	1	UD	2000	Mh6 Aw2 Bn1 Es1 (Bw)	25	34	80	Fully	8	6	12	1	27	48%	472	228
Kemble Mountain	74	2	DAL	2000		0	0	0		0	0	0	0	0	0%	0	0
Kemble Mountain	74	3	UD	2000	Aw3 Mh3 Bd3 Ea1	5	0	20	Fully	0	0	0	0	0	0%	0	0
Kemble Mountain	74	4	UD	2012	Mh8 Aw1 Oh1 (Be, Bd, Id)	25	35	80	Fully	4.5	8	7.75	1	21.25	84%	332	180
Kemble Mountain	74	5	LD	1995	Ms9 Ag1 (Ea)	20	43	70	Over	2.54	8.04	30.41	11.45	52.45	47%	450	501
Shouldice Wetland	75	1	UD	2018	Mh9, Id1 (Aw)	25	37	108	Under	3	11	9	4	27	67%	331	240
Shouldice Wetland	75	2	UD	2000	Mh5 Po3 Bw1 Aw1	5	0	20	Over	0	0	0	0	0	0%	0	0
Shouldice Wetland	75	3	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Shouldice Wetland	75	4	UD	2018	Po5, Bw 2, Aw1, Cw1, Mh1 (Ea, Ms)	16	21	68	Under	16	3	1	0.5	20.5	83%	675	144
Shouldice Wetland	75	5	LD	2000	Ms5 Po2 Ab1 Aw1 Bw1	7	0	20		0	0	0	0	0	0%	0	0
Shouldice Wetland	75	6	UD	2018	Mh5, Po2, Id2, Aw1 (Bd, Be)	21	34	58	Under	8	12	6.666	4	30.666	76%	525	258
Shouldice Wetland	75	7	P	2018	Sw7, Po1, Ea1, Ap1 (Aw, Bw, Cb, Id, Mh)	16	22	58	Over	32	13.2	0	0	45.2	88%	1422	315
Shouldice Wetland	75	8	UD	2018	Mh8, Aw1, Be1, (Bd, By, Id)	28	32	105	Fully	6.666	11.333	6.333	1.333	25.666	76%	450	211
Hepworth Creek	76	1	UC	2000	Cw5 Sw4 Ap1 (Po, Mh)	5	0	20	Over	0	0	0	0	0	0%	0	0
Hepworth Creek	76	2	LD	2000	Mr4 Ab4 Wi1 Bw1	15	0	30	Over	0	0	0	0	0	0%	0	0
Hepworth Creek	76	3	LD	2000	Mr6 Ea2 Ab1 Ar1	10	20	60	Fully	17	3	0	0	20	75%	705	135
Hepworth Creek	76	4	LM	2000	Cw4 Mr3 Bw1 La1 Cb1 (Bf, Ab)	18	23	50	Over	39	18	1	0	58	67%	1763	410
Hepworth Creek	77	1	LD	1960	Ea10	15	0	40		0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Hepworth Creek	77	2	TS	1987		0	0	0		0	0	0	0	0	0%	0	0
Keppel Forest	78	1	LM	2017	Cw5 Po2 Aw1 Mh1 Oh1 (Bw, Bf, Id, Ea, Bd, He)	17	29		Fully	21.714	13.142	6.857	3.428	45.142	87%	1077	352
Keppel Forest	78	3	UC	2017	Cw9 OH1 (Bw Mh Id Po Aw Bd)	6	21	80	Fully	57.2	16	1.2	0.8	75.2	98%	2458	522
Keppel Forest	78	4	UM	2017	Cw 10	6	19	30	Over	36.4	4.8	0.4	1.2	42.8	99%	1498	293
Keppel Forest	78	5	UD	2017	Id3Bw3Aw2Mh1Po1 (Be Cb)	11	21		Fully	21	6	1	1.5	29.5	90%	913	211
Keppel Forest	78	6	P	2017	Pw8Cw2 (Cb)	11	22	50	Fully	38	21.666	0	0	59.666	99%	1763	423
Black's Creek	79	1	UD	2000	Mh7 Cb2 Id1 (Po, Mr, Bd)	20	24	70	Fully	17	7	2	0.5	26.5	92%	770	192
Black's Creek	79	2	LC	2000	Cw8 Bf2	15	20	40	Over	28	4	0	0	32	88%	1150	215
Black's Creek	79	3	UM	2000	Ea3 Bf3 Cw3 Bw1 (Pw)	16	21	50	Over	28	2	0	2	32	88%	1134	220
Black's Creek	79	4	LC	2000	Cw4 Bf4 Bw1 By1	15	22	40	Fully	18	8	0	0	26	62%	807	182
Little Germany	80	1	UD	2000	Mh8 He1 Cb1 (Bf)	20	30	50	Fully	10	8.5	7.25	0.5	26.25	70%	549	210
Little Germany	80	2	LM	2000	Mr3 Cw3 Bf2 By1 He1	15	28	50	Fully	10	10	4	0	24	67%	544	185
Little Germany	80	3	LM	2000	By5 Cw2 Bf2 Bd1	14	27	80	Under	10	4	4	0	18	89%	469	136
Little Germany	80	4	LM	2000	Cw3 Bf3 Ea2 Mr1Sw1 (By, Bw, Ab)	12	22	50	Over	30.67	8.67	0.67	0	40	78%	1317	276
Little Germany	80	5	LM	2000	Mr5 Bf4 Cw1	11	24	60	Under	8	4	1	0	13	85%	371	94
Little Germany	80	6	UM	2000	Mh5 He3 Cb1 By1	30	39	80	Under	2	6	6	4	18	56%	210	163
Little Germany	81	1	UD	2000	Mh9 Aw1	20	28	70	Fully	12.86	11.43	4.57	0.86	29.71	60%	681	230
Little Germany	81	2	MA	2000	Cw4 Sw3 Bw3	0	0	0		0	0	0	0	0	0%	0	0
Little Germany	81	3	LM	2000	By3 Cw2 Mh2 Mr2 He1	24	27	70	Over	14.67	14	2.67	0.67	32	69%	771	242
Little Germany	81	4	LC	2000	Cw7 By1 Mr1 Bf1	15	28	50	Over	15.33	13.33	4.67	1.33	34.67	75%	805	268
Little Germany	81	6	P	2000	Sw6Pw4	13	19	25	Over	33.08	1.27	0	0	34.35	93%	1316	226

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Little Germany	82	1	UD	2015	Mh9 Aw1 (Cb)	20	29	75	Fully	9	11.5	3.25	0.5	24.25	87%	520	189
Little Germany	82	2	P	2015	Pw9 Sw1	20	32	51	Fully	8	30	7.5	0	45.5	89%	737	369
Little Germany	82	3	UC	2000	Cw10	10	19	30	Fully	42	4	0	0	46	100%	1700	306
Little Germany	82	4	TS	2000	Dead Trees in open water	0	0	0		0	0	0	0	0	0%	0	0
Little Germany	82	5	LC	2000	Cw8 Bf1 By1	13	22	40		30	12	0	0	42	95%	1328	293
Kolapore Uplands	83	1	UD	2017	Mh7 Cb3 (Ea Be Id)	19	31	80	Over	11	11.5	6.5	2.5	31.5	68%	629	255
Kolapore Uplands	83	2	UD	2017	Mh10 (Cb Bd Ms)	24	38	80	Over	1.555	13.055	16.611	3.388	34.611	83%	348	314
Kolapore Uplands	84	1	UM	2018	Mh4Cw3Bf2Sw1	20	28		Under	8	16	2	2	28	100%	535	223
Kolapore Uplands	84	2	P	2018	Pw10	27	34		Fully	6	13	10	1	30	97%	468	253
Kolapore Uplands	84	3	UD	2018	Mh9 OH1 (Bf Cb By Sw)	27	35		Under	3.935	7.87	7.483	2.064	21.354	91%	311	185
Kolapore Uplands	84	4	LD	2018	Bf2Ms2Mh2Ab1Bd1Sw1Cw1	18	31		Under	14	8	8	6	36	83%	728	299
Kolapore Uplands	84	5	LM	2018	Ms7Cw2Bf1 (Ab By Ea Sw)	23	34		Under	5.2	11.2	7.2	3.2	26.8	75%	405	229
Rob Roy	85	1	UD	2000	Cb8 Mh2 (Bd, Ea)	17	23	50	Over	20	12	0	0	32	88%	935	228
Rob Roy	85	2	UD	2000	Mh9 Cb1 (Be, Bn, Bd)	20	25	50	Fully	15	8.75	1.25	0.25	25.25	75%	708	184
Black's Creek	86	1	UD	2000	Cb6 Mh2 Aw2	24	28	80	Fully	8	12	2	0	22	73%	477	169
Black's Creek	86	2	LC	2000	Cw8 Mr1 Bw1	10	18	50	Fully	24	0	0	0	24	8%	943	156
Black's Creek	86	3	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Black's Creek	87	1	LM	1989	No data	0	0	0		0	0	0	0	0	0%	0	0
Black's Creek	87	2	LC	1989	No data	0	0	0		0	0	0	0	0	0%	0	0
Black's Creek	87	3	UD	2000	Mh7 Cb2 Be1 (Bd)	25	37	90	Over	3	18	13	3	37	62%	440	324
Black's Creek	87	4	LD	2000	Po4 Mh4 Mr1 Id1	24	26	80	Fully	16	8	2	2	28	64%	750	210
Little Germany	88	1	LM	2000	Cw6 Mr2 By1 Bw1	16	28	70	Over	15	21	3	0	39	51%	870	297

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Little Germany	88	2	LC	2000	Cw7 Bf1 By1 Mr1	15	29	70	Over	25.33	29.33	8	2	64.67	74%	1422	502
Little Germany	88	3	MA	2000		0	0	0		0	0	0	0	0	0%	0	0
Little Germany	89	1	LM	2000	Cw6 Mr3 Sw1 (Bf)	8	21	80	Fully	17	4	0	0	21	14%	718	143
Little Germany	89	2	LM	2018	Mr4Mh1Cb1Cw1By1OH1 (Bf Bw Sw Ab Aw Bd)	27	33	90	Fully	8	9.6	9.8	2.6	30	79%	510	253
Little Germany	89	3	UD	2018	Mh9OH1 (Cb He Ea)	28	40	90	Fully	1	11.333	14.333	5.333	32	86%	298	295
Little Germany	89	4	LC	2000	Cw8 He1 Bf1	18	30	80	Over	12	8	10	0	30	33%	637	240
Little Germany	89	5	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Little Germany	89	6	UC	2018	Cw8Po1Cb1 (Bd Bf Bw By Ea Ms Sw)	17	28	80	Over	23.777	16.444	5.333	3.555	49.111	92%	1189	379
Little Germany	89	7	P	2018	Pr10	22	26	50	Fully	17.5	22	0.5	0	40	95%	965	297
Little Germany	90	1	UC	2015	Pw 9 Cw1	17	30	55	Over	11	25	5	0	41	73%	776	323
Little Germany	90	2	P	2014	Pw9 Pr1 (Cb, Sw)	18	32	44	Fully	7	23	8	0	38	97%	614	310
Little Germany	90	3	LM	2000	Cw4 Mr3 Ab2 By1 (Bf)	18	21	55		9	2	0	0	11	55%	379	75
Little Germany	90	4	P	2014	Pw10 (Cb)	16	32	48	Over	11	35	11	0	57	91%	940	463
Little Germany	90	5	LM	2000	Cw5 Sb2 By2 Mr1 (Bw)	12	29	60	Under	3.2	1.6	2	0	6.8	76%	159	53
Little Germany	90	6	P	2014	Sw10 (Cw)	14	20	44	Over	29	5	0	0	34	94%	1202	229
Little Germany	90	7	LM	2000	Cw3 Bw2 Bf2 Mr2 By1	20	23	60	Over	24	8	2	0	34	47%	1056	241
Little Germany	90	8	UD	2018	Mh9 OH1 (Aw, Bd, Id,By, Cb, He)	27	35	108	Under	3.538	7.692	8.307	2.307	21.846	82%	299	191
Little Germany	90	9	LC	2000	Cw7 Mr2 By1	10	26	45	Under	2	2.5	0	0	4.5	33%	110	33
Little Germany	90	10	UD	2000	Mh4 Bw4 Po1 Bf1	0	21	0	Under	11	3	0	0	14	50%	470	96
Little Germany	90	11	UD	2000	Mh10	20	33	50	Under	0	16	2	0	18	56%	212	149
Little Germany	90	12	LC	2000	Cw7 Bf2 La1 (Bw, Ab)	15	25	40	Fully	10.67	9.33	0	0	20	87%	535	145

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Little Germany	90	13	UD	2000	Bw6 Bf2 Po2 (Mh, Id, Aw)	18	21	60	Fully	22	3	0	1	26	81%	906	178
Little Germany	90	14	UD	2014	Mh9 Cb1	22	35	84	Fully	5.5	9.5	8	2.25	25.25	89%	397	215
Little Germany	91	1	P	2014	Pw10 (Cb)	18	31	51	Over	6	23	3	0	32	91%	541	255
Little Germany	91	2	UD	2015	Mh9 Cb1 (Ea Bd)	22	38	80	Fully	2.5	9.75	8.25	3.25	23.75	91%	288	211
Little Germany	91	3	LM	2000	Bf5 Po2 Sw1 Bd1 Mh1 (Aw)	25	26	70	Over	23	1	9	0	33	82%	975	245
Little Germany	91	4	LM	2000	Mr3 Bf2 Cw1 Cb1 By1 Bd1 Ea1	18	25	70	Over	19	14	2	0	35	66%	934	257
Little Germany	91	5	LC	2000	Cw7 Bf2 Po1 (By)	12	27	60	Fully	14	11	4	0	29	36%	713	219
Little Germany	91	6	LM	2000	Cw4 Bw3 Bf1 Po1 Ea1	20	30	60	Under	5.33	6.67	3.11	0.22	15.33	65%	314	121
Little Germany	91	7	LM		Cw4 Bw3 Bf1 Po1 Ea1	20	30	60	Under								
Little Germany	91	8	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Little Germany	91	9	P	2014	Sw10	18	27	51	Over	17	28	1	0	46	98%	1023	348
Kolapore Uplands	92	1	UD	2010	Mh10	20	36	80	Over	3.75	12.25	10.75	2.25	29	90%	380	253
Kolapore Uplands	92	2	P	2018	Pw5Mh2Sw2Cb1 (Aw Ea)	26	33		Fully	6	9	7.25	2	24.25	85%	404	204
Kolapore Uplands	92	3	LD	2000	Bd3 Aw2 Ea2 Ms1 Be1 By1	22	29	80	Over	16	8	6	2	32	56%	776	249
Kolapore Uplands	93	1	P	2015	Sw7 Sn3 (Aw, Mh, Cb)	18	20	55	Fully	12.5	12	0	0	24.5	98%	640	179
Kolapore Uplands	93	2	P	2015	Pw9 OC1 (Sw, Sn)	18	28	55	Fully	5.25	17.5	4	0	26.75	98%	450	215
Kolapore Uplands	93	3	P	2015	Le9 Pw1	18	34	55	Fully	0	14	12	0	26	92%	253	230
Kolapore Uplands	93	4	UD	2018	Mh10 (Be,Cb)	23	36	90	Fully	2.666	7	6	5.666	21.333	97%	256	194
Kolapore Uplands	93	5	LM	2018	Cw5 Mr2 Bf2 Ea1	20	24	85	Fully	12	15	4	0	31	97%	684	239
Kolapore Uplands	94	1	UD	2000	Mh10	22	33	70	Fully	1	19	4	0	24	88%	302	200
Kolapore Uplands	94	2	LD	2000	Mr5 Po5 (Ea)	20	26	40	Fully	12	8	2	0	22	64%	584	162

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Kolapore Uplands	95	1	LC	2014	Cw6 Bf1 Mh1 Sw1 Ea1 (Po, Mr, He, Cb, By, Bw, Bd)	8	26	75	Over	22.5	11	5.75	0.5	39.75	91%	1061	297
Kolapore Uplands	95	2	UD	2016	Mh9, Cb1 (By, Po)	23		84		5	11.333	7	1.667	25	88%	391	211
Kolapore Uplands	95	4	LM	2014	Mh8 Bf1 Be1	18	30	38		12	18	4	2	36	89%	730	285
Kolapore Uplands	95	5	TS	2014	Bf4 Cw3 Mr2 By1	14	25	44	Fully	18	4	2	2	26	100%	779	191
Kolapore Uplands	95	6	P	2014	Pw10 (Mh, Cb)	14	24	46	Over	23	16	0	0	39	100%	1103	280
Kolapore Uplands	96	1	UD	2014	Mh9 Cb1	22	32	76	Fully	7.75	8	7	1.25	24	97%	456	197
Kolapore Uplands	96	2	LC	2000	Cw6 Sw1 By1 Bf1 Ab1 (Mr)	14	31	50	Fully	7	14	3	2	26	62%	478	210
Kolapore Uplands	96	3	P	2014	Sw6 Cb3 Sn1 (Mh)	17	22	39	Over	32	11	1	0	44	95%	1401	307
Kolapore Uplands	96	4	MA	2000	La8 Cw2 (Sw, Po)	18	19	50	Over	78	6	0	0	84	98%	3140	556
Kolapore Uplands	96	5	UD	2014	Mh9 Cb1 (Id)	15	27	77	Over	16	11	5	0	32	91%	798	242
Kolapore Uplands	96	6	P	2014	Sn8 Sw2 (Cb)	22	31	53	Over	10.5	17.5	10	0	38	89%	696	308
Kolapore Uplands	97	1	UD	2010	Mh9, Oh1 (Cb, Be)	22	34	80	Over	4.7	15.8	7.1	2.4	30	79%	438	254
Kolapore Uplands	97	2	LD	2010	Ms10	20	35	80	Over	11	9	9	7	36	81%	634	308
Kolapore Uplands	97	3	LM	2010	Ms4, Cw3, Bf1, By1, Ab1	15	30	70	Over	13	11	6	2	32	72%	696	254
Little Germany	98	1	UD	2000	Mh8 Cb1 By1 (Bd)	22	26	80	Over	17	11	3	1	32	78%	829	240
Little Germany	98	2	LD	2000	Mr7 Cw1 By1 Sw1 (Bf)	21	31	70	Over	8	22	6	0	36	56%	627	289
Little Germany	98	3	LC	2000	Cw6 Bf2 Wi2 (Ab, Sw)	4	0	20	Over	0	0	0	0	0	0%	0	0
Little Germany	98	4	LC	2000	Cw4 By2 Bf1 Ab1 Ms1 Mr1 (Bd)	15	29	50	Over	13	14	4	1	32	72%	716	248
Little Germany	98	5	UD	2000	Bd4 Mh3 Cb1 Mr1 Cw1 (Aw, Id, By)	21	32	100	Over	10	22	4	4	40	65%	710	326
Little Germany	98	6	UC	2000	Cw5 Bf3 Sw1 Pw1 (Ht, Cb, Aw)	10	0	20	Over	0	0	0	0	0	0%	0	0
Little Germany	98	7	UD	2000	Mh9 Aw1 (Cb)	20	25	70	Over	28	10	4	2	44	50%	1260	324

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Little Germany	98	8	LC	2000	Bf5 Sw4 Bw1	12	20	50	Under	12	2	0	0	14	43%	496	94
Little Germany	98	9	LC	2000	Cw8 Bf1 Po1 (By)	12	22	50	Over	42	14	2	0	58	83%	1838	406
Little Germany	99	1	P	2000	Sw7 Cw2 Aw1 (Cb)	8	18	36	Over	28.95	0	0	0	28.95	98%	1138	188
Little Germany	99	2	LD	2000	Wi6 Cw1 Po1 Bw1 Sw1	6	0	0	Over	0	0	0	0	0	0%	0	0
Little Germany	99	3	UD	2000	Mh9 Bw1 (Be, Po, Bd, Aw)	25	34	0	Over	7.4	9	9	1.8	27.2	90%	470	228
Little Germany	99	4	LC	2000	Cw9 Bf1	10	19	0	Over	29	3	0	0	32	75%	1177	213
Little Germany	99	5	LM	2000	Po6 Cw4	14	20	50	Over	30	4	0	0	34	76%	1229	228
Bass Lake	101	1	UD	2013	Mh9 Oh1 (Aw, Id, Bd, Be, Bw)	23	34	75	Fully	4.73	12.53	7.53	0.87	25.67	84%	395	215
Bass Lake	102	1	UD	2016	Mh4 Po2 Aw2 Id1 Or1 (Be)	16	29	60	Under	7	8.5	1.5	1.5	18.5	81%	397	145
Bass Lake	102	2	UD	2016	Cw2 Mh2 Po2 Or1 Aw1 Id1 OH1 (Cb Bw Bf)	13	18	50	Fully	17	2.33	0.67	0	20	92%	701	136
Bass Lake	102	3	UD	2016	Mh4 Or1 Po1 Id1 Aw1 Cw1 OH1 (Be Bw Bd By)	15	23	50	Fully	15.85	5.23	2.77	0.15	24	79%	707	174
Bass Lake	103	1	UD	2013	Mh6 Aw3 Oh1 (Be, Id, Bd, Po, Bn)	23	31	70	Fully	8.75	13	5	1	27.75	79%	543	222
Bass Lake	103	2	UD	2000	Po4 Aw2 Or1 Mh1 Bw1 Bn1 (Cw, Id)	20	26	50	Fully	12.67	10	0.67	1.33	24.67	54%	632	185
Bass Lake	104	1	UD	2012	Mh8 Aw1 Oh1 (Bd, Id, Be, Bw, Bn, Po)	20	31	60	Fully	7.95	11.85	5.95	1.1	26.85	86%	504	218
Bass Lake	104	2	UD	2012	Mh8 Aw1 Oh1 (Bd, Id, Be, Bw, Bn, Po)	20	31	60	Fully	7.95	11.85	5.95	1.1	26.85	86%	504	218
Bass Lake	104	3	UD	2000	Po8 Mh1 Aw1 (Cb)	17	26	50	Over	16	14	2	0	32	69%	816	237
Bass Lake	104	4	UD	2000	Po4 Aw2 Or1 Mh1 Bw1 Bn1 (Cw, Id)	20	26	50	Fully	12.67	10	0.67	1.33	24.67	57%	632	185
Bass Lake	104	5	UM	2000	Mh5 Cw5	16	20	50	Under	0	0	0	0	0	0%	0	0
Bass Lake	104	6	UD		Mh10	15	20	50	Under								
Bass Lake	105	1	UD	2000	Mh8 Aw1 Bd1 (Id, Or, Be, Bw, Ea, Cw, By)	20	30	0	Over	10.74	14.84	6.53	0.11	32.21	65%	650	255
Bass Lake	105	2	UD	2000	Mh8 Aw1 Bd1 (Id, Or, Be, Bw, Ea, Cw, By)	20	30	80	Over	10.74	14.84	6.53	0.11	32.21	65%	650	255
Bass Lake	106	1	LD	2000	Mr8 Ar1 Bw1	1	0	10	Under	0	0	0	0	0	0%	0	0
Bass Lake	106	2	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Bass Lake	106	3	UD	2000	Ht6 Ap2 Aw2 (Bw, Id)	6	0	50	Under	0	0	0	0	0	0%	0	0
Bass Lake	106	4	P	2000	Pw7 Pr1 Ow1 Cw1	0	0	3	Under	0	0	0	0	0	0%	0	0
Bass Lake	106	5	UM	2000	Or2 He2 Mh2 Cw1 Be1 Aw1 Bd1 (Mr, Ea, Bw, Po)	16	28	60	Over	15	12.5	6	0	33.5	45%	784	257
Bass Lake	106	6	UD	2000	Mh4 Po3 Bw1 Bd1 Aw1 (Ea)	18	35	50	Fully	6.67	9.33	2	6.67	24.67	73%	420	211
Bass Lake	106	7	UD	2000	Ht4 Ap3 Ea2 Aw1	5	0	20	Under	0	0	0	0	0	0%	0	0

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Bass Lake	106	8	UD	2000	Ht4 Ap3 Ea2 Aw1	5	0	20	Under	0	0	0	0	0	0%	0	0
Bass Lake	106	9	UD	2000	Mh9 Aw1 (Bd, Bw, Bn, Be)	20	32	60	Over	9	12.33	7.67	1	30	59%	562	244
Bass Lake	106	10	UD	2000	Ht4 Ap3 Ea2 Aw1	5	0	20	Under	0	0	0	0	0	0%	0	0
Bass Lake	106	11	DAL	2000		0	0	0		0	0	0	0	0	0%	0	0
Bass Lake	106	12	P	2001	Pw7 Pr2 Sw1	0	0	3	Under	0	0	0	0	0	0%	0	0
Massie Hills	107	1	LD	2000	Mr10 (By)	10	34	30	Over	8	13	5	5	31	74%	531	260
Massie Hills	107	2	UD	2013	Mh7 Aw1 Cb1 Oh1 (Bd, Be, Id, Bn)	25	35	100	Fully	5.5	11.71	7.57	2.71	27.5	91%	423	234
Massie Hills	107	3	UM	2000	He4 Mh3 Cb1 Bd1 Aw1 (Mr, Id, Be)	22	32	60	Over	11	19	8	2	40	60%	730	325
Massie Hills	107	4	TS	2000		3	0	10		0	0	0	0	0	0%	0	0
Massie Hills	107	5	P	2015	Pw10 (Aw, Mh, Cb)	20	36	50	Over	3	17	15	0	35	91%	428	303
Massie Hills	107	6	LD	2000	Mr6 Cw2 By1 Ab1 (Ms, Aw, Ea, Bw)	25	25	100	Over	22.5	6	1.5	2.5	32.5	82%	980	237
Massie Hills	107	7	UC	2000	Cw9 Cb1 (Sw)	11	24	50	Over	30	8	2	2	42	95%	1300	301
Massie Hills	107	8	LC		Cw6 He2 Mr1 Ab1 (Ms, Mr, Aw, Ea, Bw)	25	24	100	Over								
Massie Hills	107	9	LD	2000	Ms5 Ab2 Wi1 Cw1 Sw1	1	0	50	Fully	0	0	0	0	0	0%	0	0
Massie Hills	107	10	P	2015	Pw8 Sw2 (Aw, Mh, Cb)	20	34	45	Over	6	22.5	13	0	41.5	92%	601	348
Massie Hills	107	11	P	2015	Le8 Sw2 (Aw, Mh, Cb)	20	33	45	Over	6.5	22	10	0	38.5	86%	595	318
Massie Hills	108	1	LM	2000	Mr2 Cw2 Aw2 Po1 Mh1 He1 Ea1 (Cb, By, Bd)	20	30	80	Under	7	6	5	0	18	56%	383	143
Massie Hills	108	2	UD	2017	Mh6, Aw2, Cb1, Bd1 (Id, Bn, Po, He, Be, By, Ea)	20	29	90	Fully	12.883	15.674	5.72	1.255	35.534	83%	744	280
Massie Hills	108	3	P	2018	Pw7Sw2Cw1	25	32		Fully	6	14	6	0	26	100%	449	211
Massie Hills	108	4	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Massie Hills	108	5	UC	2018	Cw9OH1 (Aw Mh Pw Sw Cb)	13	20		Over	64	14	1.6	0.8	80.4	96%	2703	554
Massie Hills	108	6	P	2018	Pw6Cw3Sw1 (Aw Mh)	23	25		Fully	22	14	6	0	42	92%	1078	315
Massie Hills	108	7	P	2018	Pw5Aw2Cw1Ea1Sw1 (Mh Bw Cb Ms)	25	27		Fully	16.705	14.941	4.823	1.176	37.647	94%	879	290
Skinner Marsh - McNab Lake	109	1	OW	2000						0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	109	2	UD	2000	Mh8 Bd1 Aw1 (Bw, Be, By, Cb, Po)	23	32	60	Over	8	14.5	7.25	1.25	31	62%	548	254
Skinner Marsh - McNab Lake	109	3	UD	2000	Mh4 Aw2 Bw1 Ea1 Cb1 Id1 (Bd)	21	31	70	Fully	9.6	4	5.2	2.4	21.2	77%	472	171
Skinner Marsh - McNab Lake	109	4	P	2000	Le7 Aw1 Ea1 Cb1 (Ap)	18	26	30	Over	15.27	20.11	0	0	35.37	82%	850	263

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Skinner Marsh - McNab Lake	109	5	P	2018	Pw6Sw1Cw1Aw1OH1 (Cb Ea Mh Ap)	25	34	58	Fully	4	10.923	9.692	0.615	25.23	94%	359	216
Skinner Marsh - McNab Lake	109	6	UC	2000	Cw8 Bw1 Mh1 (Po)	16	23	35	Over	38	11	3	0	52	81%	1650	366
Skinner Marsh - McNab Lake	109	7	LD	2000	Wi10	8		40									
Skinner Marsh - McNab Lake	109	8	UD	2000	Mh6 Bd2 Aw1 Cb1 (Ea, Po)	25	39	60	Fully	6	5.33	10	8	29.33	68%	403	266
Skinner Marsh - McNab Lake	109	9	P	2018	Pw8Aw1OH1 (Ea Mh Cb Bd)	26	37		Over	4.461	10.923	11.846	3.384	30.615	93%	404	269
Skinner Marsh - McNab Lake	109	10	UC	2000	Cw8 Ea2 (Aw)	3	18	30	Over	59	0	0	0	59	100%	2319	384
Skinner Marsh - McNab Lake	109	11	LD	2000	Wi10	8	0	40	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	109	12	P	2018	Sw9 OH1 (Ea Ht)	9	17	32	Over	30	1	0	0	31	100%	1191	203
Skinner Marsh - McNab Lake	109	13	UD	2018	Mh6 Id1 Aw1 Ea1 Bd1 (Bw Ob)	21	42		Under	7	1.75	2.5	8	19.25	68%	348	171
Skinner Marsh - McNab Lake	109	14	UD	2000	Ht4 Ap4 Pw1 Pr1	4	0	15	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	109	15	P	2018	Pw9OH1 (Ea Aw Ap Bw Po)	15	25	32	Fully	17.625	16.75	0.75	0.125	35.25	91%	906	259
Skinner Marsh - McNab Lake	109	16	TS	2000	Ar5 Bw2 Po1 Wi1 Mr1	6	0	40	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	109	17	UD	2000	Mh6 Bd2 Aw1 Bw1 (Cb, Id, By, Po, Ea)	20	29	40	Fully	11.6	9.2	4.4	1.6	26.8	81%	606	210
Skinner Marsh - McNab Lake	109	18	UC	2018	Cw9Po1 (Mh Cb)	7	16		Over	45.333	1.333	0	0	46.666	100%	1798	306

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Skinner Marsh - McNab Lake	109	19	P	2018	Pw7 Mh1 Bd1 OH1 (Aw, By, Ea, Po)	21	27		Fully	16.5	19	2.5	0.5	38.5	91%	903	291
Skinner Marsh - McNab Lake	109	20	UD	2000	Po9 Aw1	18	23	40	Over	30	16	0	0	46	13%	1378	325
Skinner Marsh - McNab Lake	110	1	UD	2018	Mh7Aw2OH1 (Ea Be CB Bd By Id)	29	39		Fully	2.857	7.714	9	5	24.571	78%	289	223
Skinner Marsh - McNab Lake	110	2	UD	2000	Bd2 Ob2 Cw2 Bw1 Mr1 Aw1 Id1 (Mh)	20	29	70	Over	16	17.33	4.67	1.33	39.33	75%	881	305
Skinner Marsh - McNab Lake	110	3	MA	1987		0	0	0		0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	111	1	P	2012	Pr10	18	22	46	Over	33	12	0	0	45	98%	1446	312
Skinner Marsh - McNab Lake	111	2	P	2000	Pw10	4	0	13	Over	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	111	4	UD	2018	Mh7Be1Aw1Cb1 (Bd Ea Id Pw)	27	33		Fully	8	8.142	4.285	3.428	23.857	82%	459	197
Skinner Marsh - McNab Lake	112	1	UD	2018	Mh4Bd2Aw1Id1Cb1Ob1 (Bw Ea Po)	27	34		Fully	6.4	7	7.4	3.6	24.4	79%	403	209
Skinner Marsh - McNab Lake	112	2	UD	2000	Bd2 Ob2 Cw2 Bw1 Mr1 Aw1 Id1 (Mh)	22	28	70	Over	16	16.67	4.67	1.33	38.67	72%	873	299
Skinner Marsh - McNab Lake	112	3	MA	1987		0	0	0		0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	4	UC	2000	No data	0	0	0		0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	5	LD	2000	No data	0	0	0		0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	6	UD	2000	Mh7 Ea1 Ht1 Bn1(Bd, Cw, Ap)	16	31	60	Fully	10	5	6	2	23	57%	503	186

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Skinner Marsh - McNab Lake	112	7	LD	2000	Po7 Cw1 Ob1 Ea1 (Bd, By)	20	29	70	Over	10	18	4	0	32	75%	643	250
Skinner Marsh - McNab Lake	112	8	UM	2000	Bw4 Cw4 Po1 Aw1 (Ob)	17	21	45	Over	32	10	0	0	42	76%	1382	289
Skinner Marsh - McNab Lake	112	9	UD	2000	Mh5 Aw5 (Bw)	6	0	20	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	10	UD	2000	Ht5 Ap5 (Pw, Pr)	4	0	15	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	11	UD	2018	Mh5 Aw2 Be1 OH2 (Ap, Bd, Bw, Cb. Cw, Ea, Po)	26	37		Fully	5.809	6.095	5.714	5.809	23.428	80%	367	206
Skinner Marsh - McNab Lake	112	12	UM	2000	Cw5 Po2 Bw1 Id1 Bf1 (Ea)	20	26	60	Over	18	15	2	0	35	71%	907	258
Skinner Marsh - McNab Lake	112	13	UD	2000	Po7 Bw2 Cw1 (By, Aw)	21	27	50	Fully	12	13	2	0	27	56%	646	203
Skinner Marsh - McNab Lake	112	14	P	2018	Pw9Aw1	16	17		Over	48	0	0	0	48	75%	1886	312
Skinner Marsh - McNab Lake	112	15	P	2018	Le7Ht2Ea1	12	16		Over	24	2	0	0	26	92%	968	172
Skinner Marsh - McNab Lake	112	16	UC	2000	Cw10 (Mh, Ht)	6	0	15	Over	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	17	UM	2000	Ht3 Cw3 Ap2 Or1 Aw1	1	0	8	Over	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	18	UD	2000	Ht5 Ap2 Cw1 Ea1 Mh1(Cb, Ea)	3	0	20	Over	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	20	UD	2011	Mh9 Aw1	24	36	90	Over	6.6	12.8	9.2	5.4	34	75%	503	295
Skinner Marsh - McNab Lake	112	21	UC	2000	Cw10	10	19	25	Fully	27.33	2	0	0	29.33	100%	1099	194

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Skinner Marsh - McNab Lake	112	22	UD	2000	Mh4 Ea2 Aw2 Cb1 Cw1	2	0	20	Fully	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	23	UC	2000	Cw9 Po1	15	24	45	Over	22	10	2	0	34	88%	1002	244
Skinner Marsh - McNab Lake	112	26	UM	2000	Cw4 Mh1 Ht1 Po1 Aw1 Ea1 Cb1 (Ap)	6	0	15	Over	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	27	UC	2000	Cw9 Bw1 (Ap, Bf, Ea, Mh, Po, Sb)	5	0	15	Over	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	28	LD	2000	Ms9 Aw1	6	0	25	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	29	UM	2000	Cw4 Bw4 Po1 Be1	15	20	55	Over	40	4	2	0	46	87%	1635	312
Skinner Marsh - McNab Lake	112	30	LD	2000	Ms7 Aw3	7	0	0	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	31	P	2018	Pw10 (Aw)	18	19		Over	52	6	0	0	58	86%	2118	387
Skinner Marsh - McNab Lake	112	32	P	2018	Pw8Aw1Mh1	18	23		Over	16	14	0	0	30	67%	803	218
Skinner Marsh - McNab Lake	112	33	UD	2000	Bw8 Bd1 Po1 (Ea, Es, Mh, Cb)	22	21	50	Over	30	9	0	0	39	59%	1291	268
Skinner Marsh - McNab Lake	112	34	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	112	35	UC	2000	Cw7 Po2 Bw1	12	20	40	Under	12	2	0	0	14	86%	496	94
Skinner Marsh - McNab Lake	112	36	UD	2000	Mh6 Bd2 Cb1 Aw1	24	33	90	Over	11	13	10	3	37	65%	673	307
Skinner Marsh - McNab Lake	112	37	TS	2000		0	0	0		0	0	0	0	0	0%	0	0

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Skinner Marsh - McNab Lake	113	1	LD	2000	Ms7 Ea1 Ar1 Po1 (Ab) (No data)	23	0	70		0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	113	2	UD	2000	Mh8 Bd1 Aw1 (Bw, Be, By, Cb, Po)	23	32	60	Over	8	14	7.25	1.25	30.5	62%	542	250
Skinner Marsh - McNab Lake	113	3	UM	2000	Cw6 Bw2 Po1 Aw1 (Bf)	15	22	40	Over	42	8	0	2	52	88%	1759	360
Skinner Marsh - McNab Lake	113	4	LD	2000	Ar4 Ea3 Mr1 Aw1 Bw1	20	25	50	Fully	15	7	3	0	25	64%	696	184
Skinner Marsh - McNab Lake	113	5	UD	2000	Bw8 Mh2 (Ea)	18	21	50	Fully	19	6	0	0	25	76%	821	172
Skinner Marsh - McNab Lake	113	6	P	2018	Pw7Cw1Ea1OH1 (Aw Cb Po Mh)	28	32		Fully	7.5	13.5	9	0.5	30.5	90%	524	251
Skinner Marsh - McNab Lake	113	7	UM	2000	Bw5 Po3 Cw2 (Aw)	18	24	50	Over	24	4	6	0	34	29%	1032	247
Skinner Marsh - McNab Lake	113	10	UD	2000	Mh7 Aw1 Bd1 Cb1 (Id, Ea)	20	28	50	Over	12.4	17.2	2.8	0	32.4	62%	720	248
Skinner Marsh - McNab Lake	113	11	UD	2000	Cw3 Ap3 Aw1 Ea1 Ht1 Mh1 (Wi)	5	0	20	Under	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	113	12	P	2000	Pw3 Mh3 Po1 Ht1 Aw1 Mh1 (Ea)	3	0	8	Fully	0	0	0	0	0	0%	0	0
Skinner Marsh - McNab Lake	114	1	UD	2000	Bw5 Po3 Cw2 (Aw)	10	24	40	Over	24	4	6	0	34	29%	1032	247
Skinner Marsh - McNab Lake	114	2	P	2018	Pw8Cb2	27	30		Fully	6	10	4	0	20	100%	386	159
Old Baldy	117	1	UD	2000	Po4 Aw4 Cw1 Ht1 Ap1 (Ea)	5	0	15	Over	0	0	0	0	0	0%	0	0
Old Baldy	118	1	P	2016	Ph4 Cw2 Ms2 OH2(Mr, Ob, La)	1	2	3									
Old Baldy	118	2	UD	2000	Aw4 Mh3 Ht2 Cb1 Ap, Bd, Id)	5	0	15	Over	0	0	0	0	0	0%	0	0
Old Baldy	118	3	P	2000	Le10 (Mh, Wi)	5	0	15	Fully	0	0	0	0	0	0%	0	0
Old Baldy	118	4	P	2000	Pw10	4	0	12	Fully	0	0	0	0	0	0%	0	0

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Old Baldy	118	5	UD	2018	Mh8Be2 (Id Aw Bd Cb)	29	30		Fully	8.4	8	5.6	1.2	23.2	79%	472	187
Old Baldy	119	1	UD	2000	Mh6 Aw3 Be1 (Bw, Cb, Id, Bd, Po)	23	31	80	Over	13.33	12.44	9.78	2	37.56	75%	752	304
Old Baldy	120	1	UD	2000	Aw5 Mh3 Ht1 Ea1	5	0	20	Under	0	0	0	0	0	0%	0	0
Old Baldy	120	5	UD	2000	Mh3 Bw2 Id1 Po1 Aw1 Bd1 Ea1 (Be)	20	28	50	Fully	14	8	4	1.2	27.2	79%	681	208
Peasemarsh	121	1	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Peasemarsh	121	2	UC	2000	Cw8 Po1 Bf1 (Aw, Ab, He)	12	19	40	Over	36	2	0	0	38	76%	1440	251
Peasemarsh	121	3	LC	2000	Cw6 Bf2 Po2	12	21	50	Over	26	8	0	0	34	100%	1121	234
Peasemarsh	121	4	LD	2000	Wi9 Aw1	25	50	70	Under	0	0	8	14	22	100%	114	229
Pottawatomi Wetlands	122	1	LD	2018	Ms6, Aw4 (Po, Ea, Mh, By)	28	42	98	Fully	4.933	6	10.533	11.2	32.666	78%	387	304
Pottawatomi Wetlands	123	1	LD	2000	Ms6 Ar2 By1 Ea1 (Ab, Bd, Cw)	24	36	80	Over	8.67	8.33	4.67	9	30.67	82%	514	267
Pottawatomi Wetlands	123	2	UD	2000	Mh9 Aw1	22	37	80	Over	4	10	14	2	30	93%	382	265
Pottawatomi Wetlands	123	3	MA	1986		0	0	0		0	0	0	0	0	0%	0	0
Pottawatomi Wetlands	124	1	UD	2000	Mh5 Aw5 (Cb)	22	25	0	Over	15	13	1	0	29	72%	758	213
Pottawatomi Wetlands	124	2	LD	2000	Ms7Cw2Ea1	20	26	0	Over	17.2	9.6	4.4	0	31.2	63%	824	233
Pottawatomi Wetlands	125	1	TS	1988		0	0	0		0	0	0	0	0	0%	0	0
Pottawatomi Wetlands	125	2	FE	1988	No data	0	0	0		0	0	0	0	0	0%	0	0
Pottawatomi Wetlands	125	3	MA	1988		0	0	0		0	0	0	0	0	0%	0	0
Pottawatomi	126	1	OTH	2000		0	0	0		0	0	0	0	0	0%	0	0
Pottawatomi	127	1	LC	2000	Cw10	8	18	30	Over	36	0	0	0	36	100%	1415	234
Pottawatomi	127	2	UD	2000	Mh7 Ea3	15	27	30	Under	4	0	2	0	6	33%	170	45
Pottawatomi	127	3	UD	2011	Mh9 Oh1 (Aw, Bd, Id)	24	33	75	Fully	5.5	9	6.5	1	22	84%	375	183
Pottawatomi	127	4	P	2017	Pw5 Sw3 Cw2	1		7	Fully								
Pottawatomi	127	6	UD	2000	Mh6 Aw2 Ea2 (Be)	6	0	20		0	0	0	0	0	0%	0	0
Pottawatomi	127	7	UM	2000	Cw3 Aw3 Pw2 Ea2 (Mh, Ap, Sw, Cb, Ht)	5	0	15	Fully	0	0	0	0	0	0%	0	0
Pottawatomi	127	8	UC	2000	Cw10 (Bw, By)	6	0	50	Over	0	0	0	0	0	0%	0	0
Pottawatomi	127	10	DAL	2000		0	0	0		0	0	0	0	0	0%	0	0
Pottawatomi	127	11	P		Pw4 Sw3 Oh2 Cw1 (Mh, Cb, Or)	2		9	Fully	19998	19998	19998	19998	79992	50%	1253366	703027
Pottawatomi	127	12	UM	2000	Aw4 Cw3 Be1 Mh1 Cb1	15	25	40	Fully	16	10	2	0	28	100%	766	205

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Pottawatomi	127	13	UM	2000	He4 Aw3 Mh2 Mr1	22	30	70	Fully	10	10	8	0	28	57%	570	224
Red Bay	130	1	LM	2000	Cw4 Bf3 Mr2 Po1	10	22	50	Over	24	8	0	0	32	81%	1043	221
Red Bay	131	1	LD	2000	Aw3 Bw2 By1 Ms1 Cw1 Mh1 Ea1 (Po)	18	25	12	Fully	16	6	3	0	25	44%	723	182
Red Bay	131	2	BO	2000	Sb4 Cw2 Ms2 Bw1 Aw1	4	20	60	Under	16	2	0	0	18	33%	654	120
Red Bay	131	3	UC	2000	Cw10 (Sw)	8	18	60	Over	64	0	0	0	64	100%	2515	416
Red Bay	131	4	UD	2000	Mh3 Aw3 Cb2 By2	15	23	60	Fully	16	8	0	0	24	83%	728	169
Red Bay	131	5	LD	2000	Ms5 Cw1 Bw1 Ea1 By1 Aw1	10	21	50	Fully	20	6	0	0	26	46%	861	179
Robson Lakes	132	1	P	2014	Pw8 Sw1 Oh1 (Mh, Cb, Ea)	18	32	51	Over	10.857	24	7.143	1.143	43.143	92%	777	347
Robson Lakes	132	2	UD	2014	Mh8 Cb1 OH1 (By Ms Id He Bd)	22		80	Fully	4.533	11.333	8.4	0.666	24.933	95%	377	210
Robson Lakes	132	3	LM	2014	Ms3 Cw2 OH2 Mh1 He1 By1 (Bf Cb Sw Be Ab Ea)	20		80	Fully	7.69	16	3.38	0.15	27.23	90%	524	215
Robson Lakes	133	1	UD	2000	Mh8 Aw1 Be1 (Bd, He, Cb)	26	34	100	Over	8.17	10.67	9.67	3.17	31.67	58%	531	268
Robson Lakes	133	2	UM	2000	Sw6 Ea4	12	28	35	Under	3.82	8.04	0	0	11.86	100%	250	90
Robson Lakes	133	3	LC	2000	Cw7 By2 He1	16	30	100	Over	8	18	4	0	30	47%	564	237
Robson Lakes	133	4	LM	2000	Cw7 Mh1 By1 Aw1 (Ar, Be, He)	14	26	100	Fully	15.5	7.5	3.5	1	27.5	55%	730	207
Robson Lakes	134	1	P	2018	Pw8Aw1Cb1 (Ea Mh Sw)	27	30		Fully	10.285	15.428	5.428	0	31.142	84%	632	245
Robson Lakes	134	2	UM	2018	Cw3Mh3Sw3Aw1 (Bw Cb Be By)	14	22		Fully	19	9.5	0	0	28.5	95%	865	201
Robson Lakes	134	3	LD	2000	Mr4 Aw3 Cb2 Mh1	20	20	50	Fully	20	4	0	0	24	67%	836	163
Robson Lakes	134	4	UD	2000	Mh7 Cb1 Bd1 Aw1 (Be)	20	25	60	Over	16	12	2	0	30	53%	791	221
Robson Lakes	134	5	LM	2000	Mr4 He2 Be1 By1 Cw1 Mh1 (Bf)	18	27	40	Over	24	14	4	2	44	68%	1152	330
Robson Lakes	134	6	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Robson Lakes	134	7	UD	2000	Mh7 Cb2 Aw1 (Be, Bd)	22	30	60	Over	11.33	12	6.67	1.33	31.33	55%	644	250
Robson Lakes	134	8	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Rocklyn Creek	135	2	P	2000		0	0	0		0	0	0	0	0	0%	0	0
Rocklyn Creek	135	3	UD	2000	Mh7 Bd2 Po1	20	25	50	Over	18	18	0	0	36	83%	931	263

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Rocklyn Creek	135	4	UM	2000	Cw7 Bd2 Aw1 (Id, Mh)	14	23	40	Over	32	13	0	1	46	89%	1424	325
Rocklyn Creek	135	5	UD	2000	Aw7 Ea2 Bd1 (Be, Id)	10	0	20	Over	0	0	0	0	0	0%	0	0
Rocklyn Creek	135	6	UD	2000	Aw5 Mh2 Ht1 Po1 Cw1	4	0	10	Over	0	0	0	0	0	0%	0	0
Rocklyn Creek	136	1	UD	2014	Mh5 Aw2 Be1 Cb1 OH1 (By, Ea, Cw)	18	32	75	Fully	10.5	7	3.5	4.5	25.5	90%	542	208
Rocklyn Creek	136	2	LC	2014	Cw7 He1 By1 OH1 (Ab, Aw, Ea, Mh)	18	32	75	Over	12.5	14.5	10.5	2	39.5	97%	749	323
Rocklyn Creek	136	3	P	2014	Pw10	16	26	25	Over	16	23	0	0	39	87%	915	291
Rocklyn Creek	136	4	OL	2000		0	0	0		0	0	0	0	0	0%	0	0
Rocklyn Creek	136	5	UD	2014	Aw9Mh1	12	21	40	Under	14	4	0	0	18	100%	600	124
Rocklyn Creek	136	6	UD	2014			34			11	7.67	6.67	6.67	32	86%	601	271
Rocklyn Creek	136	7	UD	2014	Pw8 Sw2		18			32.5	1	0	0	33.5	88%	1290	220
Rocklyn Creek	136	8	P	2014	Or5 Pw5		18			18.67	0	0	0	18.67	100%	734	121
Rocklyn Creek	136	9	UD	2016	Mh9 Oh1 (Aw, Be, Cb, Bn)	25	34	95	Fully	2.375	8.375	7.375	2.875	21	95%	259	186
Rocklyn Creek	136	10	P	2000	Or5 Pw3 Aw2 (Mh, Cb, Be)	1	0	4	Over	0	0	0	0	0	0%	0	0
Rocklyn Creek	136	11	UD	2014	Mh10 (Aw)	16	33	50	Fully	12	4	4	6	26	96%	574	214
Rocklyn Creek	136	12	UD	2000	Ht4 Mh3 Ea1 Aw1 Pw1	5	0	10	Under	0	0	0	0	0	0%	0	0
Rocklyn Creek	136	13	UD	2000	Mh6 Ea1 Aw1 Ht1 Ap1	3	0	20	Over	0	0	0	0	0	0%	0	0
Rocklyn Creek	137	1	P	2000	Pw6 Aw2 Ea2	3	0	6		0	0	0	0	0	0%	0	0
Rocklyn Creek	137	2	LC	2000	Cw8 Mh2	10	25	40	Over	23	2	3	3	31	68%	962	227
Rocklyn Creek	137	3	UD	2014	Mh8 Bd1 Oh1 (Id, Bn)	22	36	75	Fully	6	7	7	5	25	72%	391	218
Rocklyn Creek	137	5	P	2000	Pw5 Sw5	6	18	15		33.08	0	0	0	33.08	92%	1300	215
Rocklyn Creek	137	6	LM	2000	Cw5 Ab4 Po1	10	21	40		18	4	0	0	22	27%	757	150

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Rocklyn Creek	137	8	P	2000	Pr10	12	18	20	Under	15.27	0	0	0	15.27	100%	600	99
Rocklyn Creek	137	9	P	2000	Sw10 (Aw, Ht, Ap)	2	0	6		0	0	0	0	0	0%	0	0
Rocklyn Creek	137	10	UD	2000	Aw4 Mh3 Ea3	10	0	15		0	0	0	0	0	0%	0	0
Rocklyn Creek	137	11	P	2000	Sw8 Pw2	7	18	15		8.91	0	0	0	8.91	100%	350	58
Rocklyn Creek	138	1	UD	2000	Mh9 Be1 (Aw)	24	36	70	Over	4	15	8.5	4	31.5	76%	417	274
Rocklyn Creek	138	2	LC	2000	Cw7 He2 By1 (Ea, Po, Aw)	10	21	50	Over	32	6	2	0	40	88%	1345	276
Rocklyn Creek	138	3	UM	2000	He6 Mh3 Be1	20	33	70	Fully	6	10	10	0	26	85%	426	217
Rocklyn Creek	138	4	UD	2000	Mh8 Be1 Bd1	24	39	100	Over	2.67	12.67	8.67	7.33	31.33	72%	351	284
Rocklyn Creek	138	5	UM	2000	Po4 Ea3 Ap2 Aw1	5	0	20		0	0	0	0	0	0%	0	0
Rocklyn Creek	138	7	UD	2000	Mh9 Be1 (Aw)	24	36	70	Over	4	15	8.5	4	31.5	76%	417	274
Shallow Lake	140	1	TS	1988		0	0	0		0	0	0	0	0	0%	0	0
Shallow Lake	140	2	UD	2000	Mh5 Bw3 Bd2	18	25	40		16	7	3	0	26	50%	736	190
Shallow Lake	140	3	LD	2000	Po5 Mh2 Bw1 Cb1 Ob1 (Sw, Aw, Id)	18	29	40		10	12	2	2	26	96%	564	204
Shallow Lake	140	4	P	2018	Pw8 Mh1 OH1	23	28	51	Fully	12.8	22.8	4	0.2	39.8	98%	814	309
Shallow Lake	142	1	LD	1988	Ms10	0	0	0		0	0	0	0	0	0%	0	0
Shallow Lake	142	2	UD	2000	Mh5 Bw3 Bd2	18	25	40		16	7	3	0	26	50%	736	190
Shallow Lake	142	3	TS	1988		0	0	0		0	0	0	0	0	0%	0	0
Shallow Lake	142	4	LM	2000	Po5 Cw4 Sw1	18	24	40		26	12	2	0	40	85%	1184	286
Shallow Lake	142	5	UC	2000	Cw7 Po2 Ea1 (Sw,Ht, Aw, Mh, Wi)	6	0	10		0	0	0	0	0	0%	0	0
Shallow Lake	142	6	UM	2000	Po4 Cw3 Aw2 Mh1 (Ap, Ht)	3	0	6		0	0	0	0	0	0%	0	0
Shallow Lake	142	7	LD	1988		0	0	0		0	0	0	0	0	0%	0	0
Shallow Lake	142	8	UM	2000	Cw5 Po3 Bf1 Mr1	15	24	50		21	11	2	0	34	91%	975	245
Shallow Lake	143	1	LD	1988	Ms10	0	0	0		0	0	0	0	0	0%	0	0
Shallow Lake	143	2	OW	1988		0	0	0		0	0	0	0	0	0%	0	0
Shallow Lake	144	1	LD	2000	Mr9 Ar1	20	20	50		32	4	0	0	36	100%	1307	241
Shallow Lake	144	2	LD	2000		0	0	0		0	0	0	0	0	0%	0	0
Skinner's Bluff	145	1	UD	2000	Mh4 Aw4 Bw1 Be1 (Bd)	24	29	60		10.4	14.8	4	0.8	30	75%	623	235
Skinner's Bluff	146	1	UC	2000	Cw8 Bw2	13	21	60		20	5	0	0	25	72%	848	171

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Skinner's Bluff	146	2	UD	2000	Mh5 Aw3 Cb1 Bd1	21	24	50		12	10	0	0	22	73%	596	159
Skinner's Bluff	146	3	UD	2000	Mh8 Aw1 Bd1 (Cb, Be, Id)	18	25	50		19.07	12	1.47	0.27	32.8	67%	909	239
Skinner's Bluff	146	4	UD	2000	Mh7 Aw2 Bd1 (Bw, Be, Cb, Id)	22	26	50		13.67	12.67	1.83	0	28.17	75%	707	210
Skinner's Bluff	146	6	UM	2000	Bf4 Po3 Cw2 Bw1	15	21	40	Fully	21	5	0	0	26	73%	887	177
Skinner's Bluff	146	7	UD	2016	Mh8 Aw1 OH1 (Bd Cb Id Be Mr Ea By Bf Cw)	19	29	80		9.7	14.78	4.32	0.46	29.27	78%	596	230
Skinner's Bluff	146	8	UD	2000	Ap6 Ps1 Bw1 Mh1 Cw1 (Po, Ht)	3	0	10		0	0	0	0	0	0%	0	0
Skinner's Bluff	146	9	UM	2016	Mh3 Cw2 Id2 Bf2 OH1 (Aw Bw Ea)		22			16.4	6	2.4	0	24.8	79%	735	179
Skinner's Bluff	146	10	P	2016	Pr6 Pw3 OH1 (Id Ea Mh)	16	33	52		5.33	14	12	0	31.33	98%	463	265
Skinner's Bluff	146	11	UM	2016	Ps3 Mh3 Aw1 Pr1 Ea1 Cw1	18	22	52		8	6	1	0	15	87%	396	111
Skinner's Bluff	146	12	P	2016	Pw9 Sw1	20	26	42		12.67	13.33	0.67	0	26.67	95%	668	197
Skinner's Bluff	146	13	P	2016	Pr9 Cb1	18	26	50		16	20	0	0	36	100%	877	267
Skinner's Bluff	147	1	UD	2000	Mh9 Aw1	18	20	40		46	8	0	0	54	93%	1907	364
Skinner's Bluff	147	2	P	2010	Pw5 Sw5	0	0	5		0	0	0	0	0	0%	0	0
Skinner's Bluff	147	3	P	2000		0	0	0		0	0	0	0	0	0%	0	0
Skinner's Bluff	147	4	UD	2000	Aw6 Ap4	12	0	20		0	0	0	0	0	0%	0	0
Skinner's Bluff	147	5	UD	2000	Ap6 Aw2 Mh1 Ea1	5	0	20		0	0	0	0	0	0%	0	0
Skinner's Bluff	147	7	UD	2000	Mh5 Aw4 Ea1	20	26	60		13	8	3	0	24	88%	630	179
Skinner's Bluff	147	8	UD	2000	Aw7 Ap3	4	0	20		0	0	0	0	0	0%	0	0
Skinner's Bluff	147	9	UD	2000	Mh8 Aw1 Bw1 (Po, Id)	18	27	50		10	6.4	1.6	0.8	18.8	64%	487	141
Skinner's Bluff	147	10	UD	2000	Bw6 Aw2 Mh2	16	20	40		10	2	0	0	12	100%	418	81
Beattie Lake	148	1	UC	2000	Bf7 Cw2 Mh1 (Bw, Po)	10	0	30		0	0	0	0	0	0%	0	0
Beattie Lake	148	2	UM	2000	Cw4 Po2 Ap1 Pw1 Aw1 Bf1 (Ea, Wi)	8	0	20		0	0	0	0	0	0%	0	0

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Beattie Lake	148	3	UM	2000	Cw4 Po2 Ap1 Pw1 Aw1 Bf1 (Ea, Wi)	8	0	20		0	0	0	0	0	0%	0	0
Beattie Lake	148	4	UD	2000	Mh7 Aw2 Bw1 (Bd, Id, Cb)	16	22	50		14	4	0.33	0	18.33	73%	602	127
Sky Lake	149	1	UD	2014	Mh7 Or1 Cb1 Oh1 (Be, Bw, Aw, Po, Bd)	23	31	64		8.5	15	4	2	29.5	90%	556	238
Sky Lake	149	2	LM	2000	Mh2 Bw2 Po1 Ms1 Cb1 Aw1 Ab1 Bd1 (By, Be, Id, Bf, C	20	31	40		6	9	6	0	21	48%	387	170
Sky Lake	149	3	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Sky Lake	149	4	UM	2000	Bf3 Cw2 Po2 Mr1 Bw1 Bd1	20	24	70		24	8	4	0	36	47%	1069	260
Sky Lake	149	5	UM	2000	Aw8 Ea1 Cw1 (Ht, Sw)	3	0	12		0	0	0	0	0	0%	0	0
Sky Lake	150	1	UD	2014	Mh7 Cb1 Aw1 Oh1 (Bd, Be, Id)	23	30	54		13.88	12.63	6.88	1.25	34.63	86%	753	273
Sky Lake	150	2	UD	2000	Mh2 Bw2 Po1 Ms1 Cb1 Aw1 Ab1 Bd1 (By, Be, Id, Bf, C	20	31	40		6	9	6	0	21	40%	387	170
Sky Lake	150	3	P	2000	Pr9 Cb1 (Aw)	22	34	40		4	26	10	0	40	35%	546	334
Sky Lake	150	4	LM	2000	Bf3 Cw2 Po2 Mr1 Bw1 Bd1	20	24	70		24	8	4	0	36	47%	1069	260
Sky Lake	150	5	UM	2000	Cw4 Bf3 Mr1 He1 La1	10	21	60		28	2	2	0	32	100%	1138	218
Sky Lake	150	6	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Slough of Despond	151	1	UD	2013	Mh7 Aw2 Oh1 (Be, Id, Bd)	20	33	80		5.8	8.9	5.8	1.4	21.9	91%	383	181
Slough of Despond	151	2	OL	2000		0	0	0		0	0	0	0	0	0%	0	0
Slough of Despond	151	3	LD	2000	Mr8 Ag1 Ms1 (Ea, By, Bd, Ab)	20	36	100		6.29	7.57	11	3.57	28.43	69%	429	248
Slough of Despond	151	4	UD	2001	Bw5 Mh3 Aw1 Po1 (Bf, Be)	12	22	50		16	6	0	0	22	55%	703	153
Slough of Despond	151	5	UD	2001	Mh5 Aw3 Bd1 Po1	20	30	80		14	12	6	2	34	59%	748	268
Slough of Despond	151	6	UM	2001	Aw5 Bw5 (Po)	20	29	100		10	12	4	0	26	69%	568	201
Slough of Despond	151	7	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Spey River	152	1	UC	2000	Cw10	12	19	50		85	3	2	1	91	100%	3395	608
Spey River	152	2	UD	2000	Mh7 Aw2 Bd1 (Cb)	18	28	50		9	13	3	0	25	84%	535	193
Spey River	152	3	LC	2000	Ab5 Ms4 Po1	15	21	50		16	4	0	0	20	100%	678	137
Spey River	152	4	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Spey River	152	5	UD	2000	Mh9 Aw1 (Be, Cb)	25	31	60		12	16	6	2	36	67%	719	288
Spey River	152	6	LM	2000	Cw5 By4 Ab1	10	22	50		6	2	0	0	8	13%	261	55
Spey River	152	7	UM	2000	Mh10	18	21	50		14	4	0	0	18	56%	600	124
Spey River	152	8	UC	2000	Cw10	10	19	50		85	3	2	1	91	100%	3395	608
Spey River	153	1	LD	2000	Ms4 Ab4 Ea1 Wi1	12	0	20		0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Spey River	153	2	UM	2000	Cw3 He3 Po2 Cb1 Bw1	18	21	60		38	8	2	0	48	46%	1606	332
Spey River	153	3	UC	2013	Cw10 (Bw, Po, Mh)	15	21	50		34	10	0	0	44	93%	1460	302
Spey River	153	4	UC	2013	Cw10	8	19	55		37	4	0	0	41	96%	1504	273
Spey River	153	5	UD	2000	Mh8 Bn1 Aw1	22	27	80		14	6	2	2	24	83%	647	181
Spey River	153	7	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Spey River	154	1	LD	2000	Cw4 Ms2 Bf1 Ab1 Po1Sw1(Aw,By,Ea,He,Pw,Bd,Cb,Mh,Wi)	18	23	50		16.15	3.69	2	0.15	22	73%	695	156
Spey River	154	2	LM	2000	Cw4 Ms2 Bf1 Ab1 Po1Sw1(Aw,By,Ea,He,Pw,Bd,Cb,Mh,Wi)	18	23	50		16.15	3.69	2	0.15	22	73%	695	156
Spey River	154	3	UC	2016	Cw9Aw1(Pw)	12	23			34	12	2	0	48	88%	1498	338
Spey River	154	4	P	2016	Pw10(Cw,Cb,Aw)	25	31	50		9.5	22	7	0	38.5	92%	693	308
Spey River	154	5	UD	2016	Mh7Aw2OH1(Bn,Bd,Be,Cb,Po,He)	24	32	80		7	10	6.333	1	24.333	78%	445	199
Rockford	155	1	TS	2000		12	0	20		0	0	0	0	0	0%	0	0
Rockford	155	2	UM	2014	Mh4 He3 Po1 Cb1 Cw1 (Aw, Ab, Id, Or)	18	25	75		20.29	10.57	2.86	0.86	34.57	96%	951	255
Rockford	155	3	UD	2015	Mh8 Cb1 Oh1 (Aw, Be, Id, Po)	20	31	80		7.5	10.75	4.25	1	23.5	77%	461	188
Rockford	155	4	P	2014	Pw10	20	26	39		18	22.5	1	0	41.5	100%	994	310
Spirit Rock	156	1	UM	2000	Cw4 Mh3 Bd2 Id1	14	21	60		32	8	0	0	40	70%	1357	273
Spirit Rock	156	2	LC	2000	Cw7 Bf2 Sw1	12	18	60		12	0	0	0	12	100%	472	78
Spirit Rock	156	3	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Spirit Rock	156	4	UM	2000	Cw6 Aw3 Ap1	0	0	0		0	0	0	0	0	0%	0	0
Spirit Rock	156	5	P	2000	Pw10	8	18	0		27.36	0	0	0	27.36	100%	1075	178
Spirit Rock	156	6	UD	2000	Aw4 Po3 Mh2 Be1 (Id)	15	29	40		8.5	6	4.5	0	19	89%	438	148
Spirit Rock	156	7	UC	2000	Cw8 Bw1 Po1 (Sw, Ea, Bf)	6	20	40		34.67	4.67	0	0	39.33	93%	1420	264
Spirit Rock	156	8	UD	2000	Mh4 Po2 Id2 Aw1 Cb1 (Bw, Bf, Bd)	14	21	60		19.2	3.6	0.4	0	23.2	72%	802	158
Spirit Rock	156	9	UC	2000	Cw10	8	18	40		44	0	0	0	44	100%	1729	286
St. Jean Point	157	1	OL	2000		0	0	0		0	0	0	0	0	0%	0	0
St. Jean Point	157	2	UC	2000	Cw7 Ta2 Sw1 (Bw, Pw)	7	0	50		0	0	0	0	0	0%	0	0
Sucker Creek	158	1	UC	2018	Cw8Po1Bw1 (Sw Bf Aw Bd By Ea He Mh Pw)	12	22		Over	34.074	12.444	1.925	0.148	48.592	90%	1507	343
Sucker Creek	158	2	LM	2000	Cw3 Aw1 Po1 Bw1 By1 Ar1 Ms1 Mh1 (Bf, Sw)	16	26	50		22	12.5	4	1.5	40	74%	1053	300
Sucker Creek	158	3	P	2018	Pw9Bw1 (Pr Aw Cw Mh Po Sw)	11	24		Fully	23.2	12	0.6	0.2	36	93%	1066	256
Sucker Creek	158	4	OL	2000		0	0	0		0	0	0	0	0	0%	0	0
Sucker Creek	158	5	UD	2018	Mh4Bw2Po2Aw1OH1 (Ab Be Bf By Cb Cw Mr Ms Sw)	23	27		Fully	12.5	6.5	5.5	1	25.5	78%	613	198
Sucker Creek	158	6	LD	2000	By9 Ms1	18	26	70		10	6	2	0	18	89%	481	133
Sucker Creek	158	7	OW	2000		0	0	0		0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Sucker Creek	159	3	UD	2000	Mh4 Aw2 By1 Po1 Cw1 Mr1 (Be, Cb, He, Ea, Id, Sb)	20	27	50		12.31	8.77	2.92	0.31	24.31	77%	613	183
Sucker Creek	159	4	UC	2018	Cw 6 Sw1 Aw1 OH1 (Be, Cb, Ea, Id, Po) OC1 (Pw,Bf)	18	23		Over	24	6	3.5	1.5	35	91%	1047	255
Sucker Creek	159	5	LM	2000	Cw3 Po2 Bf2 Bw2 Sw1 (By)	16	22	40		18	6.29	0.86	0	25.14	68%	791	177
Sucker Creek	159	6	FE	2000	No data	0	0	0		0	0	0	0	0	0%	0	0
Sucker Creek	159	7	P	2018	Pw5 Sw3 Aw1 OH1 (Bw, By, Cb, Bf, Cw)	23	31		Fully	12	24.666	10	0.666	47.333	89%	847	383
Sucker Creek	159	8	UM	2000	Cw4 Po2 Bw2 Mh1 Bf1	18	21	40		18	4	0	0	22	73%	757	150
Sucker Creek	160	1	MA	1984		0	0	0		0	0	0	0	0	0%	0	0
Sucker Creek	160	2	UC	2018	Cw4Sw2Bf2Po1Ab1	14	19		Under	23.948	1.333	0.41	0.153	25.846	97%	961	172
Sucker Creek	160	3	UD	2000	Mh4 Aw2 By1 Po1 Cw1 Mr1 (Be, Cb, He, Ea, Id, Sb)	20	27	50		12.31	8.77	2.92	0.31	24.31	77%	613	183
Sucker Creek	160	4	P	2018	Pw5 Ab4 Sw1	22	24		Fully	20	7.5	3.5	0	31	89%	902	225
Sucker Creek	160	5	LM	2000	Cw4 By4 Sw1 Ar1	16	20	50		24	4	0	0	28	36%	993	189
Sullivan Forest	161	1	LD	2000	Wi5 La1 Ea1 Bw1 Ab1 Po1	4	0	50		0	0	0	0	0	0%	0	0
Sullivan Forest	161	2	LD	2000	Bw2 Ms2 Ab2 Cw1 Ea1 Po1 Sw1 (Mr, Bd)	20	22	80		17.6	5.2	1.2	0	24	48%	764	168
Sullivan Forest	161	3	P	2015	Pw10	16	23	45		32	15	0	0	47	89%	1444	330
Sullivan Forest	161	4	LC	2000	Cw7 Aw2 La1	10	24	50		10	8	0	0	18	67%	492	130
Sheppard Lake	162	1	P	2016	Pw10 (Sw Ea Aw Ap)	18	34	56		5.75	21.25	11	1.25	39.25	89%	568	330
Sheppard Lake	162	2	UD	2016	Mh9 Aw1 (Id Bd)		51			5	3	6	13	27	48%	330	256
Sheppard Lake	162	3	LD	2016	Ms7 Aw3		21			33	10	1	0	44	93%	1428	306
Telfer Creek	163	1	LC	2018	Cw7 By1 He1 Oh1 (Ea, Aw)	10	22	60	Over	18	11	1.5	0	30.5	93%	854	221
Telfer Creek	163	2	P	2018	Pr6 Pw2 Oh2 (Aw, Mh, Ea)	25	29	70	Fully	7	13	4	2	26	92%	472	212
Telfer Creek	163	3	UD	2016	Mh7 Aw1 Bd1 OH1 (Cb Be Id Bn)	25	33	80	Fully	10.4	3.2	8	3.6	25.2	89%	517	210
Sydenham Forest	164	1	UC	2000	Cw9 Mh1 (Aw)	12	24	80		32	12	4	0	48	71%	1433	345
Sydenham Forest	164	2	UD	2015	Mh5 Aw3 Id1 OH1 (Or Ea Bn Bd)	16	22	75		24	6.4	0.8	0.4	31.6	77%	1030	220
Sydenham Forest	164	3	UD	2015	Mh8 Aw1 Oh1 (Bd, Or, Bw, Id, Bn, Be)	21	36	75		4.9	9.7	7.7	3.2	25.5	76%	378	220
Sydenham Forest	164	4	UD	2000	Mh5 Aw5 (Id)	20	23	60		18	9	0	0	27	52%	819	190

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Sydenham Forest	164	5	UD	2014	Mh9 Bd1(Aw Bn Be)	20	34	75		6.4	10.8	7.8	2.8	27.8	85%	449	235
Sydenham Lowlands	165	1	LD	2000	Ms8 Ab2	21	34	80		11	13	7	7	38	84%	671	321
Sydenham Lowlands	165	2	LC	2000	Cw6 Sw1 Mr1 Ab1 Bf1 (By, He, Cb, Bw, Aw, La, Bd)	20	22	65		31.78	9.11	1.56	0.44	42.89	79%	1374	301
Sydenham Lowlands	166	1	LD	2000	Ms7 Ab2 Ea1 (Ar, Aw)	20	24	60		27.33	12.67	2.33	0.67	43	86%	1250	311
Sydenham Lowlands	166	2	LD	2000	Wi3 Ea2 Aw2 Po1 Ab1 Cb1 (Cw, Ht, Po, Ms)	3	0	20		0	0	0	0	0	0%	0	0
Sydenham Lowlands	166	3	P	2016	Pw 10 (Cb Aw)	16	24	30		18	12	1.5	0	31.5	89%	866	229
Sydenham Lowlands	166	4	UD	2000	A3 Aw3 Ea1 Ht1 Po1 Mh1	6	0	20		0	0	0	0	0	0%	0	0
Sydenham Lowlands	166	5	LD	2000	Ms4 Wi3 Ea1 Ab1 Aw1	5	0	10		0	0	0	0	0	0%	0	0
Sydenham Lowlands	166	6	LC	2016	Cw4 Bf3 Ab1 Sw1 Pw1 (Mh)		19			20	2.666	0.666	0	23.333	86%	823	158
Sydenham Lowlands	166	7	LM	2000	He4 Ms1 Aw1 Mh1 By1 Cw1 Ab1 (Cb, Ea)	20	30	80		10	14	5.5	1	30.5	66%	608	243
Sydenham Lowlands	166	8	DAL	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	169	1	UD	2001	Po5 Mh3 Aw1 Bw1 (Bd, Sw, Cb)	20	27	60		12	9	3.5	0.5	25	80%	609	191
The Glen	169	2	LM	2001	Cw4 Po3 Bf2 Bw1 (Aw)	15	22	40		42	8	2.67	0.67	53.33	69%	1770	371
The Glen	170	1	UD	2001	Po7 Aw1 Be1 Bn1 (Ea)	18	23	30		12	4	0	1	17	94%	526	121
The Glen	170	1	UD	2001	Mh4 Aw3 Bd2 Id1 (Ea, Cb, Bf)	20	31	80		10.67	5.33	2.67	4.67	23.33	89%	523	189
The Glen	170	2	LM	2000	Cw4 Po3 Bf2 Bw1 (Aw)	20	21	50		42	7.33	2	0	51.33	70%	1755	352
The Glen	170	3	P	2012	Pw10	17	26	37	Over	14	18.5	0	0	32.5	88%	780	241
The Glen	170	4	P	2012	Pr10	18	25	45		18.5	16.5	0	0	35	54%	932	254
The Glen	170	5	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	170	6	UM	2000	Cw2 Po2 Pw1 Ea1 Ht1 Aw1 Cb1 Ap1 (Wi)	5	0	20		0	0	0	0	0	0%	0	0
The Glen	170	7	LM	2000	Ms3 Ab2 Ea2 Ar1 Po1 Bf1	20	24	50		13	3	1	1	18	72%	559	129
The Glen	170	9	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	170	11	LM	2000	Cw6 By2 Ea1 Ab1 (Bw, Aw)	12	23	40		36	20	0	0	56	75%	1663	397
The Glen	170	12	UD	2000	Po4 Bd3 Mh1 Bw1 Be1 (Aw, Bf, Id, Ea, Cw)	15	25	50		17.33	4	3.33	0.67	25.33	66%	756	185
The Glen	171	1	TS	2000		3	0	10		0	0	0	0	0	0%	0	0

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The Glen	171	2	UC	2000	Bw3 Aw3 Mh2 He1 Po1 (Ms)	18	26	60		10	12	0	0	22	18%	542	163
The Glen	171	4	UD	2000	Mh6 Bw2 Po2	20	23	70		22	4	4	0	30	60%	941	215
The Glen	172	1	UD	2018	Mh8, Aw1, OH1 (Bd, Be, Bf, Bw, Cb, Id, Po)	26	28	70	Fully	12.054	14.972	5.297	1.027	33.351	77%	699	263
The Glen	172	2	LM	2018	Cw3, Po3, Aw1, Bw1, He1, (OH)		23	58	Fully	19.6	10.4	3.2	0	33.2	86%	921	243
The Glen	172	3	UM	2000	Cw5 Bw3 Mh1 Po1 (He, Mr, Aw)	10	22	50		26.67	9.33	0	0	36	61%	1164	249
The Glen	172	4	UM	2000	Po2 Ap2 Cw2 Ms2 Wi2 (Ea)	6	0	20		0	0	0	0	0	0%	0	0
The Glen	172	5	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	6	TS	1989		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	7	LD	2000	Ar4 Mr3 Cw1 Ab1 Ea1 (Bw)	22	28	50		15	10	3	2	30	47%	742	230
The Glen	172	8	DAL	0		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	9	LM	2000	Ms3 Cw3 Ar2 Sw1 Ab1 (Po)	20	26	60		17.33	18	1.33	0	36.67	65%	914	272
The Glen	172	10	UM	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	11	UD	2000	Mh7 Aw3	20	25	50		10	10	0	0	20	80%	517	146
The Glen	172	12	UM	2000	Cw6 Po4	15	22	40		38	16	0	0	54	78%	1692	377
The Glen	172	13	LC	2000	Sw4 Bf2 Po2 Cw2	10	24	30		16	4	0	2	22	73%	687	158
The Glen	172	14	LM	2000	Mh4 Bw4 Cw1 Po1 (Aw, Bf, Ea)	16	21	30		15	2.33	0.67	0	18	57%	623	123
The Glen	172	15	LM	2000	Cw4 Bf2 Bw1 Pw1 Po1 Aw1 (Mh, Id, Cb, Sw, Mr, Ea)	18	21	50		21.6	3.2	0.8	0.4	26	66%	896	179
The Glen	172	16	UC	2000	Cw5 Bf3 Mh1 Sw1	10	21	20		14	4	0	0	18	100%	600	124
The Glen	172	17	P	2018	Cw8 Sw2	8	19	33	Over	46	4	0	0	50	100%	1857	332
The Glen	172	18	P	2018	Sw7 Bd2 Cw1	12	22	33	Under	11.333	4	0	0	15.333	100%	495	106
The Glen	172	19	UD	2000	Ar4 Mr3 Cw1 Ab1 Ea1 (Bw)	22	28	50		15	10	3	2	30	47%	742	230
The Glen	172	20	UD	2000	Mh6 Id1 Bd1 Or1 Aw1 (Po, Cb, Bw, Ea, Be, Eu, Bn)	20	24	50		14.3	4.6	1.6	0.8	21.3	75%	633	155
The Glen	172	21	UD	2000	Aw3 Po3 Mh1 Cw1 Ht1 Sb1	12	0	20		0	0	0	0	0	0%	0	0
The Glen	172	22	P	2000	Pw10	7	18	15		10.18	0	0	0	10.18	100%	400	66
The Glen	172	23	UD	2000	Mh5 Bw2 Aw1 Bd1 By1	20	32	70		5.33	4	2.67	2	14	76%	286	115
The Glen	172	25	OL	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	26	P	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	27	P	2000	Pw9 Pr1 (Ea, Aw)	3	0	15		0	0	0	0	0	0%	0	0
The Glen	172	28	UM	2000	Mr5 Pw3 Ea2	20	30	50		6	16	2	0	24	92%	448	188
The Glen	172	29	UD	2018	Mh5 Aw3 OH1 (Bw,Ea,Id,Bd) OC1 (Cw,Pw)	23	33	48	Fully	9.272	6.909	5.636	3.818	25.636	77%	504	212
The Glen	172	30	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
The Glen	172	31	TS	2000		10	0	0		0	0	0	0	0	0%	0	0
The Glen	172	32	UM	2000	Cw3 Sw1 Bf1 Po1 Pw1 Bw1 Bd1 Aw1	10	20	30		26	0	2	0	28	57%	1035	189
The Glen	172	33	UD	2017	Mh7Aw1Cb1Oh1	20	32	70	Fully	12.222	15.111	6.666	3.111	37.111	75%	726	301

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The Glen	172	33	UD	2018	Mh7Aw1Cb1OH1 (Bd Id Po)		32			11.111	10.222	6.666	2.888	30.888	77%	620	251
The Glen	172	34	UC	2000	Cw4 Bf4 Bw1 Po1	10	18	20		44	0	0	0	44	64%	1729	286
The Glen	172	35	UD	2000	Cb6 Ea2 Bd1 Mh1	23	23	50		16	10	0	0	26	62%	753	185
The Glen	172	36	LD	2000	Mr5 Ar2 Cw1 Po1 Ea1 (Ab, By, Bd)	20	29	50		14.5	9.5	6	1	31	65%	732	241
The Glen	172	37	LD	2000	Mr5 Ar2 Cw1 Po1 Ea1 (Ab, By, Bd)	20	29	50		14.5	9.5	6	1	31	65%	732	241
The Glen	172	38	LM	2000	Cw4 Po3 Bf2 Ms1	15	21	50		16	4	0	0	20	70%	678	137
The Glen	172	39	BO	1989	No data	0	0	0		0	0	0	0	0	0%	0	0
The Glen	173	2	UD	2013	Mh8 Aw1 Oh1 (Be, Bd, Id)	20	30	75	Over	10	17	4.5	0.5	32	92%	636	252
The Glen	174	1	UD	2013	Mh10	20	33	75	Over	7	15	10	0	32	78%	527	265
Skinner's Bluff	175	1	P	2006	Sw10	0	0	2		0	0	0	0	0	0%	0	0
Skinner's Bluff	175	2	UC	2011	Cw10	16	30	85	Over	12	16	9	0	37	86%	730	295
Skinner's Bluff	175	3	UC	2003	Mh6 Ea2 Aw1 Id1	22	40	100		5	4	10	7	26	54%	343	238
Skinner's Bluff	175	4	TS	2003		1	0	2		0	0	0	0	0	0%	0	0
Skinner's Bluff	175	5	UD	2011	Mh10 (Id)	18	43	100		0	7	10	5	22	41%	175	208
Skinner's Bluff	175	6	P	2003	Sw5 Pw4 Other1 (Ag, Le, Ms, Pr)	1	0	2		0	0	0	0	0	0%	0	0
Skinner's Bluff	175	7	P	2003	Cw 10	0	0	0		0	0	0	0	0	0%	0	0
Skinner's Bluff	175	8	LD	2003	Ab5 Po4 Ea1	16	23	50		16	4	2	0	22	100%	692	156
Walker Woods	176	1	LM	2000	Cw6 Mr2 Bw1 Pw1	12	26	75		26	10.5	4.5	2	43	80%	1191	320
Walter's Creek	177	1	UD	2014	Mh3Cw3Po2Id1Aw1(He Be Ms By Cb)	22	31			16.67	20.67	9.33	3.33	50	85%	988	403
Walter's Creek	177	2	LM	2014	Cw8By1Aw1 (Mh He Ab Ea)	16	31			10.67	25.33	5.33	2.67	44	89%	781	356
Walter's Creek	178	1	P	2016	Sn8Le2(Ea)	18	28	56		9	18	2	0	29	93%	591	224
Walter's Creek	178	2	UC	2014	Le6Po3Sn1		22			16	6	0	0	22	100%	703	153
Walter's Creek	178	3	P	2016	Pw10(Sw)	18	31	56		6.67	24.33	5.33	0	36.33	79%	600	293
Walter's Creek	178	4	P	2016	Sn10(Cb,Cw)	23	22	56		41	15	0	0	56	93%	1798	389
Walter's Creek	178	8	P	2016	Sn10(Cb,Cw)	16	27	56		22	28	2	0	52	92%	1226	390

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Walter's Creek	178	9	LC	2014	Cw7Po1Bf1Bw1 (Aw Ea Pw La Ab Cb Sw)	12				27.75	11	0.25	0	39	96%	1229	272
Walter's Creek	178	10	TS	2000	Wi5 Cw3 Le2	8	0	20		0	0	0	0	0	0%	0	0
Walter's Creek	178	11	UC	2016	Sw8Cw2(Bw,Ea)	18	21			30.666	7.333	0	0	38	96%	1296	259
Walter's Creek	178	12	UD	2000	Aw8 Sw1 Bw1 (Pw)	10	0	30		0	0	0	0	0	0%	0	0
Walter's Creek	178	13	LM	2014	Cw3Mr2By1Aw1Bw1Ab1Cb1 (Bf He Ea Mh)	13				14.8	8.8	4.4	1.6	29.6	92%	727	228
Walter's Creek	178	14	UC	2014	Cw8Pr1Cb1	14				28	10	2	1.333	41.333	95%	1244	297
Walter's Creek	178	15	P	2016	Pr10(Cb)	24	29	66		10	32	0	0	42	90%	791	325
Walter's Creek	178	16	P	2016	Sn6Cw4(Ea)	15	21	66		36	10	0	0	46	98%	1539	315
Walter's Creek	178	17	UC	2014	Cw9Po1 (Bf Bw)	8				48	0	0	0	48	100%	1886	312
Walter's Creek	178	18	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Walter's Creek	178	19	P	2014	Pw7Cw2Pr1	22				8.4	15.6	6.2	0.2	30.4	97%	566	244
Walter's Creek	178	20	LM	2014	Cw6By1He1Mr1Oh1	14				23.333	10.888	0	0.222	34.444	90%	1053	243
Walter's Creek	178	21	UD	2014	Aw9Mh1					22	14	0	0	36	94%	1039	257
Walter's Creek	178	22	P	2014	Pr6Pw2Aw1Cb1	20				3	21	2	1	27	96%	397	220
Walter's Creek	178	23	UD	2014	Mh7Aw2Be1	20				10	10.5	5	1.5	27	83%	563	215
Walter's Creek	179	1	P	2000	Pw8 Ea2 (Aw, Mh, Cw, Wi, Ht)	3	0	10	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	2	LC	2012		12	18	30		23	0	0	0	23	61%	904	150
Walter's Creek	179	3	LD	2000	Ea3 Aw2 Ht2 Wi1 Pw1 Pr1 (Ps, Sw, Ap, Mh, Cw, Be)	6	0	20	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	4	P	2000	Pw8 Ea2 (Aw, Mh, Cw, Wi, Ht)	3	0	10	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	5	UM	2000	Cw4 Ea3 Aw1 Po1 Ap1 (Bd, Wi)	6	0	18	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	6	P	2000	Sw8 Or2	2	0	7	Fully	0	0	0	0	0	0%	0	0

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Walter's Creek	179	7	P	2000	Sw8 Or2	2	0	7	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	8	UC	2000	Cw9 He1 (By)	14	21	60	Over	58	18	0	0	76	95%	2503	524
Walter's Creek	179	9	LD	2000	Ea6 Po1 Aw1 Mh1 Cw1 (Pr, Sw)	6	0	20	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	11	UC	2000	Cw4 Ea3 Aw1 Po1 Ap1 Bd1 (Wi)	7	0	18	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	12	UM	2000	Cw4 Aw3 Id1 Ea1 Mh1	15	20	40	Fully	32	4	0	0	36	94%	1307	241
Walter's Creek	179	13	UD	2000	Mh5 Be2 Aw1 He1 Id1 (By, Cb)	21	36	80	Fully	7.5	7	12	3	29.5	86%	474	255
Walter's Creek	179	14	LD	2000	Ea10 (Aw, Po)	5	0	20	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	15	P	2000	Pw7 Aw2 Po1 (Ea, Ht, Mh.)	5	0	10	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	17	LM	2000	Cw7 Aw2 Mh1 (Be, Bd)	14	22	45	Fully	36	10	2	0	48	71%	1552	335
Walter's Creek	179	18	UD	2000	Mh7 Bd2 Id1	22	31	90	Fully	12	16	10	0	38	63%	736	305
Walter's Creek	179	19	LD	2000	Ea6 Po1 Aw1 Cw1 Pr1 (Mh, Sw)	5	0	20	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	21	P	2000	Pw4 Sw4 Wb1 Ht1 (Ap)	3	0	6	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	22	P	2000	Le9 Aw1	7	0	10	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	23	UD	2000	Mh4 Be3 Cb1 (Po)	5	0	15	Fully	0	0	0	0	0	0%	0	0
Walter's Creek	179	24	P	2000	Pw2 Pr2 Ea2 Aw2 Bd1 Ht1(Ap)	3	0	9	Fully	0	0	0	0	0	0%	0	0
West Rocks	180	1	UM	2000	Cw5 Po2 Aw1 Mh1 Bw1	9	18	40		31	0	0	0	31	61%	1218	202
West Rocks	182	1	UD	2016	Mh7 Aw2 OH1 (Cb Be Id Bd Bn Ea Bw)	25	31	90	Fully	7.03	12.05	6.15	1.18	26.41	77%	472	216
West Rocks	182	2	UM	2016	Cw3 Aw2 Lb2 Bw2 Cb1 (Mh Id)		30			10	9.333	4.666	1.333	25.333	71%	546	201
West Rocks	182	3	UD	2016	Mh6 Ps3 Aw1		18			12	2	0	0	14	100%	496	94
West Rocks	182	4	UD	2016	Mh6 Aw4		25			10	6	0	0	16	100%	468	114
West Rocks	182	999		2016	Mh7 Aw1 Cb1 OH1 (Bd Be Bn Bw Id Po)	23	29	90		9.83	11.67	4.67	1.33	27.5	78%	568	218
Williams Lake	183	1	UC	2000	Cw7 Po1 Bw1 Mr1 ((Aw, Bf, Bw, Cb, Sw, Pw)	12	0	30		0	0	0	0	0	0%	0	0
Williams Lake	183	3	UM	2000	Cw3 Bw3 Mr2 Aw1 Mh1 (Bf)	15	25	30		8	3.33	0.67	0.67	12.67	53%	363	93

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Williams Lake	183	4	UD	2000	Mh8 Aw2	25	29	70		6	8	3	0	17	65%	355	133
Williams Lake	183	5	UC	2000	Cw9 Aw1 (Cb, Ea, Mh, Ps)	5	0	20		0	0	0	0	0	0%	0	0
Williams Lake	183	6	UD	2000	Mh3 Aw3 Bw1 Po1 Ea1 Bn1	16	22	40		12	1	2	0	15	80%	497	106
Williams Lake	183	7	UD	2000	Aw6 Id2 Mh1 Cb1	6	0	5		0	0	0	0	0	0%	0	0
Wodehouse	184	2	UD	2000	Mh4 Ht2 Ap2 Ea1 Aw1	10	0	20		0	0	0	0	0	0%	0	0
Wodehouse	184	3	UM	2000	Mh10	14	20	0		34	6	0	0	40	75%	1411	270
Wodehouse	184	4	P	2000	Pw6 Aw3 Ea1(Ht)	5	0	15		0	0	0	0	0	0%	0	0
Wodehouse	185	1	LD	2000	Po3 By2 Cw1 Ms1 Bf1 Sw1 Ea1	16	21	50		16	4	0	0	20	60%	678	137
Wodehouse	185	2	LD	2000	Ms8 Sw2	18	20	50		10	2	0	0	12	100%	418	81
Wodehouse	185	3	UC	2000	Cw9 Sw1	15	28	60		16	30	2	0	48	79%	1015	367
Wodehouse	185	4	P	2017	Sw9 Ea1 (Pw Cw Cb Aw)	20	26	50	Over	23.666	17	4.333	0	45	97%	1170	334
Wodehouse	185	5	P	2017	Pw7 Sw3 (Mh Ea Cb Ap)	24	32	50	Fully	7.5	24.5	7.5	0.5	40	91%	651	326
Wodehouse	185	6	LD	2000	Wi10	2	0	20		0	0	0	0	0	0%	0	0
Wodehouse	185	7	UD	2000	Mh10	14	19	25		22	2	0	0	24	100%	889	159
Wodehouse	185	8	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	186	1	UD	2000	Mh10	27	36	80		2	14	12	0	28	64%	332	243
Wodehouse	186	2	LM	2000	Cw5 Bw2 Bf1 Mr1 Ab1 (Ea, Sw, Po)	18	23	70		23.33	9.33	2	0	34.67	63%	1046	247
Wodehouse	186	3	UC	2013	Pr8 Cw1 Sn1 (Bf, Cb)	15	21	45	Over	24.5	7	0	0	31.5	30%	1050	216
Wodehouse	187	1	UD	2000	Mh10	20	36	80		2	14	12	0	28	64%	332	243
Wodehouse	187	2	UM	2000	Sw3 Po3 Cw2 Bf1 Bn1	12	0	30		0	0	0	0	0	0%	0	0
Wodehouse	187	3	UD	2000	Mh9 Cb1	21	22	70		30	12	0	0	42	76%	1328	293
Wodehouse	187	4	LC	2014	Sw3 Cw3 La1 Po1 Ea1 Bf1					24	2	0	0	26	100%	968	172
Wodehouse	187	5	OW	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	187	6	LD	2014	Bw9 Cw1					30	0	0	0	30	100%	1179	195
Wodehouse	187	8	P	2000	Pw10 (Wi, Cw, Bn)	4	0	10		0	0	0	0	0	0%	0	0
Wodehouse	187	9	P	2000	Sw10 (Cb, Mh)	4	0	15		0	0	0	0	0	0%	0	0
Wodehouse	187	10	P	2000	Pr10	8	18	16		62	0	0	0	62	100%	2436	403
Wodehouse	187	11	LD	2000	Wi5 Mh4 Po1 (Sw, Ea)	6	0	50		0	0	0	0	0	0%	0	0
Wodehouse	187	12	UD	2000	Bw3 Po3 Cb1 Mh1 Cw1 Sw1	8	0	20		0	0	0	0	0	0%	0	0
Wodehouse	187	13	P	2000	Pr10	10	18	15		19.09	0	0	0	19.09	93%	750	124
Wodehouse	187	14	P	2000	Pw10	5	0	10		0	0	0	0	0	0%	0	0
Wodehouse	187	15	P	2000	Pw10	7	18	17		30.54	0	0	0	30.54	75%	1200	199
Wodehouse	187	16	P	2000	Cw5 Sw3 Mh1 Ht1	1	0	5		0	0	0	0	0	0%	0	0
Wodehouse	187	17	LM	2000	Mr5 Cw5	22	31	70		4	4	4	0	12	83%	233	97

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Wodehouse	187	18	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	187	19	P	2009	Sw10	15	19	34	Over	37	4	0	0	41	90%	1504	273
Wodehouse	187	20	P	2009	Pw9 Sw1	16	32	34	Fully	4	21	2	1	28	71%	436	227
Wodehouse	187	21	UD	2000	Mh4 Bd4 Aw1 Cb1	16	20	40		20	4	0	0	24	92%	836	163
Wodehouse	188	1	P	2000	Ht4 Pw4 Ap2	3	0	10		0	0	0	0	0	0%	0	0
Wodehouse	188	2	P	2000	Cw6 Ht3 Pw1 (Ap)	1	0	5		0	0	0	0	0	0%	0	0
Wodehouse	188	3	UD	2014	Lb8 Ea2		31			16	16	8	4	44	95%	898	355
Wodehouse	188	4	LD	2000	Ht4 Wi3 Aw1 Ea1 Ap1 (Wi, Bw, Mr)	8	0	20		0	0	0	0	0	0%	0	0
Wodehouse	188	5	LD	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	188	6	LM	2014	Cw3 Ms1 He1 Bw1 Bf1 Sw1 Aw1 OH1 (Po Mh Ea)		22			14.666	4.666	0.666	0	20	100%	639	140
Wodehouse	188	7	UC	2014	Cw78 Bw2 (Sw Aw)		19			38.67	4	0	0	42.67	100%	1569	284
Wodehouse	188	8	UD	2014	Aw8 Mh2		18			22	0	0	0	22	100%	865	143
Wodehouse	188	9	UD	2014	Mh9 Aw1		34			6	17	10	1	34	97%	517	285
Wodehouse	189	1	LM	2014	Cw4 Ms2 By1 Mh1 Ea 1 Oh1	14	26			13.07	8.27	2.53	0.27	24.13	97%	634	180
Wodehouse	189	2	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	189	3	UD	2014	Mh9 Oh1	20	29			10.62	10.77	4.77	0.46	26.62	95%	584	208
Wodehouse	189	4	P	2014	Mh7 Aw3		21			26	6	0	0	32	94%	1096	218
Wodehouse	189	5	P	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	189	6	UD	2014	Mh5 Aw4 Be1	10	24			15.33	1.33	0.67	2	19.33	93%	632	139
Wodehouse	190	1	UD	2000	Mh10	25	35	80		4	12.8	7.2	2	26	86%	372	222
Wodehouse	190	2	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	190	3	P	2012	Pw8 Sw1 Mh1	18	32	39		6.5	23.5	7.5	0	37.5	92%	597	306
Wodehouse	190	4	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
Wodehouse	190	5	UD	2000	Mh6 Be3 Id1	14	42	25		11.451	12.063	0	34.353	57.868	25%	750	544
Wodehouse	190	6	P	2016	Pw8 Cb1 Mh1 (Cw Po)	15	22	31		23.67	8.67	0.67	0	33	84%	1042	231
Wodehouse	190	7	LM	2000	Mh10	25	31	0		4	2	4	0	10	100%	208	81
Wodehouse	190	8	P	2016	Pr6 Pw2 Cb2 (Ea)	14	21	30		24	7	0	0	31	97%	1030	213
Wodehouse	191	1	LM	2017	Sw 10	21	30	45	Over	18	33	11	0	62	98%	1190	492
Wodehouse	191	2	P	2014	Pw10	22	32	54		6	32	8	0	46	100%	686	377
Wodehouse	191	3	P	2017	Sw10	21	30	45	Over	18	33	11	0	62	98%	1190	492
Wodehouse	191	4	TS	2000		0	0	0		0	0	0	0	0	0%	0	0
West Rocks	192	1	UD	2000	Aw5 Po2 Mh2 Cw1	18	21	40		12	1	1	0	14	86%	491	96
Sydenham Lowlands	193	1	LD	2000	Ms9 Ar1 (Cw, Ob)	24	37	80		8.86	6	8.86	8.57	32.29	48%	518	285
Sydenham Lowlands	193	2	UD	2000	Mh4 He2 Be1 By1 Cw1 Aw1 (Ms, Po, Cb)	25	40	90		8	7.33	10	12.67	38	44%	527	346

Main Man Area	Compartment Number	Stand Number	Cover Type	Inventory Year	Species Composition	Average Ht (m)	Average DBH (cm)	Age	Stocking	Polewood Basal Area (m2/ha)	Small Sawlog Basal Area (m2/ha)	Medium Sawlog Basal Area (m2/ha)	Large Sawlog Basal Area (m2/ha)	Total Basal Area (m2/ha)	% AGS	Density	Gross Merchantable Volume (m3)
Sydenham Lowlands	193	3	LD	2000	Ms5 Ea2 Cw2 Ab1	14	18	20		26	0	0	0	26	77%	1022	169
Sydenham Lowlands	193	4	UC	2000	He5 Cw5 (By)	15	38	50		4	16	10	8	38	26%	457	340
Sydenham Lowlands	193	5	UC	2000		0	0	0		0	0	0	0	0	0%	0	0
Slough of Despond	194	1	P	2003	Cw4 Wb3 La3	1	0	3		0	0	0	0	0	0%	0	0
Slough of Despond	194	2	P	2003	Sw4 Cw3 Pw3 (Or, Sn)	1	0	3		0	0	0	0	0	0%	0	0
Slough of Despond	194	3	LD	2003	Mr6 Ms3 Ab1 (Ea)	21	35	80		9.33	9.33	10.67	5.33	34.67	90%	576	298
Slough of Despond	194	4	MA	2000		0	0	0		0	0	0	0	0	0%	0	0
Slough of Despond	194	5	P	2003	Ht7 Ap3	0	0	0		0	0	0	0	0	0%	0	0
Slough of Despond	195	1	P	2003	Pw7 La1 Sw1 Wb1	1	0	2		0	0	0	0	0	0%	0	0
Slough of Despond	195	2	UD	2003	Mh8 Bd1 Id1 (Aw)	18	28	70		12	17	1	1	31	77%	694	237
Slough of Despond	195	3	LD	2003	Mr10 (Ab, By)	16	40	50		9.33	7.33	3	17.33	37	33%	553	337
Cape Commodore	198	1	UD	2001	Bw4 Mh3 Aw2 Id1	20	25	40		14	8	2	0	24	75%	663	176
Cape Commodore	198	2	TS	2001		0	0	0		0	0	0	0	0	0%	0	0
Cape Commodore	198	3	UD	2001	Po10	16	18	30		14	0	0	0	14	29%	550	91
Cape Commodore	198	4	UD	2001	Ht5 Ap3 Ea2	3	0	20		0	0	0	0	0	0%	0	0
Cape Commodore	198	5	P	2010	Cw7 Pw2 Other1 (Ag, By, La, Ms, Ob)	0	0	5		0	0	0	0	0	0%	0	0
Bass Lake	199	1	UD	1999	Mh8 Aw1 Be1 (Bd, Id, Ea, Cb, By))	18	27	50		10.8	12	1.4	0.2	24.4	56%	584	184
Bass Lake	200	2	UD	2018	Mh8 Aw1 Oh1 (Bd, Id, Be, Bw, Bn, Po)	20	30	70	Fully								
West Rocks	203	1	UD	2016	Mh6 Aw3 OH1 (Po Id Be Bd Wb)	25	29		Fully	11.23	10.15	5.69	1.08	28.15	80%	610	222

Appendix F – GSCA Compartment Numbers, Names and Acreage

Property Name	Compartment Number	Compartment Name	Total Area (Acres)	Roll Number
Ainslie Wood	2	AINSLIE WOOD	25.00	421051000803400
Leith Spit	3	LEITH SPIT	0.68	421051000807400
Albemarle Brook	4	ALBEMARLE BROOK - A	635.00	410259000413200
Albemarle Brook	5	ALBEMARLE BROOK - B	111.24	410259000500900
Arran Lake Conservation Area	6	ARRAN LAKE	2.96	410349000216400
Arran Lake Conservation Area	7	ARRAN LAKE	50.00	410349000402600
Beaver Valley Lowlands	8	BEAVER VALLEY LOWLANDS - A	95.00	420839000206700
Beaver Valley Lowlands	9	BEAVER VALLEY LOWLANDS - B	100.00	420839000209100
Beaver Valley Lowlands	10	BEAVER VALLEY LOWLANDS - C	343.00	420839000401200
Beaver Valley Lowlands	11	BEAVER VALLEY LOWLANDS - D	36.00	420839000404105
Berford Lake Dam	12	BERFORD LAKE DAM	0.08	410259000411006
Big Mud Lake	13	BIG MUD LAKE	394.00	410259000426000
Bighead Headwaters	14	BIGHEAD HEADWATERS	204.70	420436000601301
Bighead River	15	BIGHEAD RIVER	37.80	421049200225700
Boat Lake	16	BOAT LAKE - A	171.29	410254000322100
Boat Lake	17	BOAT LAKE - B	75.00	410254000407300
Boat Lake	18	BOAT LAKE - WOOD ISLAND	4.80	410254000410500
Boat Lake	19	BOAT LAKE - C	175.00	410254000417800
Boat Lake	20	BOAT LAKE - D	393.00	410254000419800
Boat Lake	21	BOAT LAKE - F	84.42	410254000421000
Boat Lake	22	JOHN'S LAKE	599.40	410254001700700
Boat Lake	23	BOAT LAKE - H	113.71	410254001800100
Bognor Marsh	24	BOGNOR MARSH - A	6.92	421051000108700
Bognor Marsh	25	BOGNOR MARSH - B	60.00	421051000300101
Bognor Marsh	26	BOGNOR MARSH - C	100.00	421051000502000
Bognor Marsh	27	BOGNOR MARSH - D	1,486.00	421051000502200
Brookholm	28	BROOKHOLM	25.00	420358001202400
Bruce's Caves	29	BRUCE'S CAVES	236.91	420362000613301
Christie Beach	30	CHRISTIE BEACH	2.25	421048000103300
Clendenan	31	CLENDENAN	115.77	424200001119000
Clarksburg	32	CLARKSBURG	13.00	424200001208400
Clarksburg	33	CLARKSBURG	2.80	424200001214001
Haines Dam	34	HAINES DAM	21.22	424200001224800
Colpoy's Lookout	35	COLPOY'S LOOKOUT - A	3.00	420362000644702
Colpoy's Lookout	36	COLPOY'S LOOKOUT - B	19.00	420362000646400
Epping-John Muir Lookout	37	EPPING-JOHN MUIR LOOKOUT	12.19	420839000500800

Property Name	Compartment Number	Compartment Name	Total Area (Acres)	Roll Number
Eugenia Falls	38	EUGENIA FALLS	56.87	420818000913700
Feversham	39	FEVERSHAM	195.46	420814000606300
Madeleine Graydon	40	MADELEINE GRAYDON	36.53	420814000602900
Fishing Islands	41	FISHING ISLANDS - A	6.80	410259000112601
Fishing Islands	42	FISHING ISLANDS - B	1.54	410259000113300
Fishing Islands	43	FISHING ISLANDS - C	12.00	410259000113500
Fishing Islands	44	FISHING ISLANDS - D	5.50	410259000113700
Fishing Islands	45	FISHING ISLANDS - E	6.20	410259000114100
Fishing Islands	46	FISHING ISLANDS - F	15.60	410259000115300
Fishing Islands	47	FISHING ISLANDS - G	7.23	410259000117000
Fishing Islands	48	FISHING ISLANDS - H	7.75	410259000117100
Flesherton	49	FLESHERTON - A	45.00	420818000209602
Flesherton	50	FLESHERTON - B	26.90	420818001027801
Gleason Brook	51	GLEASON BROOK	154.00	420362000606700
Gleason Brook	52	GLEASON BROOK	49.00	420362000607700
Oxenden Creek	53	OXENDEN CREEK	3.45	420362000629505
Gowan Lake	54	GOWAN LAKE	200.00	420362000717400
Griersville	55	GRIERSVILLE - A	100.00	420839000306100
Rocklyn Creek	56	ROCKLYN CREEK - D	34.00	420839000800801
Griersville	57	GRIERSVILLE - B	190.17	421048000204201
Hibou	58	HIBOU	328.50	421051000815800
Bayshore	59	HEALTH UNIT	3.78	425901000400600
Hodgins Lake	60	HODGINS LAKE - A	93.00	410254001908400
Hodgins Lake	61	HODGINS LAKE - B	225.00	410259000311700
Holland Centre	62	HOLLAND CENTRE	47.00	420436000510600
Indian Creek	64	INDIAN CREEK	55.00	420362000421800
Indian Falls	65	INDIAN FALLS	28.50	420358000314500
Inglis Falls	66	INGLIS FALLS	503.72	420354000106100
Isaac Lake	67	ISAAC LAKE - A	36.20	410254000431900
Isaac Lake	68	ISAAC LAKE - B	148.50	410259000302100
Isaac Lake	69	ISAAC LAKE - C	71.91	410259000303100
Isaac Lake	70	ISAAC LAKE - D	96.00	410259000407700
Kemble Mountain	71	KEMBLE MOUNTAIN - A	155.00	420362000718900
Kemble Mountain	72	KEMBLE MOUNTAIN - B	110.00	420362000719000
Kemble Mountain	73	KEMBLE MOUNTAIN - C	52.50	420362000808400
Kemble Mountain	74	KEMBLE MOUNTAIN - D	150.00	420362000808700
Shouldice Wetland	75	SHOULDICE WETLAND	98.00	420362000222400
Hepworth Creek	76	HEPWORTH CREEK	95.00	420362000312500
Hepworth Creek	77	HEPWORTH CREEK	50.00	420362000314800

Property Name	Compartment Number	Compartment Name	Total Area (Acres)	Roll Number
Keppel Forest	78	KEPPEL FOREST	100.00	420362000507600
Black's Creek	79	BLACK'S CREEK	79.00	420814000607800
Little Germany	80	LITTLE GERMANY	161.50	420814000804800
Little Germany	81	LITTLE GERMANY	107.00	420814000805100
Little Germany	82	LITTLE GERMANY	54.00	420814000805400
Kolapore Uplands	83	KOLAPORE UPLANDS	112.00	420814000806200
Kolapore Uplands	84	KOLAPORE UPLANDS	110.00	420814000806500
Rob Roy	85	ROB ROY	117.00	420814000907600
Black's Creek	86	BLACK'S CREEK	50.00	420818000935700
Black's Creek	87	BLACK'S CREEK	300.00	420818000935701
Little Germany	88	LITTLE GERMANY	53.50	420818000940400
Little Germany	89	LITTLE GERMANY	106.00	420818000940500
Little Germany	90	LITTLE GERMANY	327.00	420818000940800
Little Germany	91	FOUR CORNERS	500.00	420839000100200
Kolapore Uplands	92	GIBRALTAR	100.00	424200000404700
Kolapore Uplands	93	KOLAPORE UPLANDS	100.00	424200000406300
Kolapore Uplands	94	KOLAPORE UPLANDS	50.00	424200000407300
Kolapore Uplands	95	KOLAPORE UPLANDS	175.00	424200000409600
Kolapore Uplands	96	KOLAPORE UPLANDS	100.00	424200000410100
Kolapore Uplands	97	KOLAPORE UPLANDS	88.50	424200000703800
Little Germany	98	LITTLE GERMANY	100.00	424200000906100
Little Germany	99	LITTLE GERMANY	100.00	424200000907600
Lake Charles	100	LAKE CHARLES	6.00	420362000612800
Bass Lake	101	BASS LAKE - A	100.00	420362000425600
Bass Lake	102	BASS LAKE - B	110.00	420362000425800
Bass Lake	103	BASS LAKE - C	50.00	420362000703200
Bass Lake	104	BASS LAKE - D	194.00	420362000703400
Bass Lake	105	BASS LAKE - E	150.00	420362000707500
Bass Lake	106	BASS LAKE - F	190.00	420362000709400
Massie Hills	107	MASSIE HILLS - A	350.00	421051000201000
Massie Hills	108	MASSIE HILLS - B	225.00	421051000509100
Skinner Marsh - McNab Lake	109	SKINNER McNAB - A	454.00	420362000226900
Skinner Marsh - McNab Lake	110	SKINNER McNAB - B	50.00	420362000227700
Skinner Marsh - McNab Lake	111	HEPWORTH	91.00	420362000300700
Skinner Marsh - McNab Lake	112	SKINNER McNAB - D	880.70	420362000308900
Skinner Marsh - McNab Lake	113	SKINNER McNAB - E	263.50	420362000400300
Skinner Marsh - McNab Lake	114	SKINNER McNAB - F	4.80	420362000404700

Property Name	Compartment Number	Compartment Name	Total Area (Acres)	Roll Number
Mill Dam	115	MILL DAM	0.71	425903001904900
Old Baldy	117	OLD BALDY - A	3.40	420839000106000
Old Baldy	118	OLD BALDY - B	50.00	420839000402400
Old Baldy	119	OLD BALDY - C	94.00	420839000403000
Old Baldy	120	OLD BALDY - D	123.67	420839004100301
Peasemarsh	121	PEASEMARSH	58.50	424200001108500
Pottawatomi Wetlands	122	POTTAWATOMI - A	103.00	420354000308100
Pottawatomi Wetlands	123	POTTAWATOMI - B	120.00	420354000400100
Pottawatomi Wetlands	124	POTTAWATOMI - C	49.80	420354000402300
Pottawatomi Wetlands	125	POTTAWATOMI - D	78.75	420354000404200
Pottawatomi	126	POTTAWATOMI - OSTC	2.00	420354000503500
Pottawatomi	127	POTTAWATOMI	290.80	420354000519300
Pottawatomi River	128	POTTAWATOMI RIVER - A	0.23	425902001009000
Pottawatomi River	129	POTTAWATOMI RIVER - B	0.25	425902001014501
Red Bay	130	RED BAY - A	2.60	410259000313400
Red Bay	131	RED BAY - B	41.00	410259000315402
Robson Lakes	132	ROBSON LAKES - A	160.00	420436000208100
Robson Lakes	133	ROBSON LAKES - B	100.75	420436000522000
Robson Lakes	134	ROBSON LAKES - C	200.00	420436000611200
Rocklyn Creek	135	ROCKLYN CREEK - E	96.85	420839000512810
Rocklyn Creek	136	ROCKLYN CREEK - A	262.54	420839000806300
Rocklyn Creek	137	ROCKLYN CREEK - B	115.00	421048000503300
Rocklyn Creek	138	ROCKLYN CREEK - C	121.00	421048000506500
Sauble River	139	SAUBLE RIVER	10.00	410254000302300
Shallow Lake	140	SHALLOW LAKE - A	160.00	420362000110900
Shallow Lake Dam	141	SHALLOW LAKE - B	0.37	420362000111502
Shallow Lake	142	SHALLOW LAKE - C	301.00	420362000207600
Shallow Lake	143	SHALLOW LAKE - D	48.00	420362000915400
Shallow Lake	144	SHALLOW LAKE - E	11.22	420362000915900
Skinner's Bluff	145	SKINNER'S BLUFF - A	25.00	420362000613700
Skinner's Bluff	146	SKINNER'S BLUFF - B	1,100.40	420362000614000
Skinner's Bluff	147	SKINNER'S BLUFF - E	173.50	420362000816300
Beattie Lake	148	BEATTIE LAKE	100.00	410259000200400
Sky Lake	149	SKY LAKE - B	98.00	410259000200601
Sky Lake	150	SKY LAKE - C	238.00	410259000202000
Slough of Despond	151	SLOUGH OF DESPOND - A	450.00	420362000812400
Spey River	152	SPEY RIVER - A	100.00	421051000205000
Spey River	153	SPEY RIVER - B	85.00	421051000205400
Spey River	154	SPEY RIVER - C	110.00	421051000210600

Property Name	Compartment Number	Compartment Name	Total Area (Acres)	Roll Number
Rockford	155	ROCKFORD	49.13	421051000215200
Spirit Rock	156	SPIRIT ROCK	216.05	410254000428400
St. Jean Point	157	ST. JEAN POINT	14.70	410259000217800
Sucker Creek	158	SUCKER CREEK - A	299.66	410259000102700
Sucker Creek	159	SUCKER CREEK - B	837.60	410259000109600
Sucker Creek	160	SUCKER CREEK - C	198.00	410259000217700
Sullivan Forest	161	SULLIVAN FOREST	150.00	420432000504200
Sheppard Lake	162	SHEPPARD LAKE	49.00	421051000305900
Telfer Creek	163	TELFER CREEK	43.00	421051000609000
Sydenham Forest	164	SYDENHAM FOREST	80.00	421051000830900
Sydenham Lowlands	165	SYDENHAM LOWLANDS - A	71.00	420354000112900
Sydenham Lowlands	166	SYDENHAM LOWLANDS - B	333.50	420354000113700
Tara Dam	167	TARA	5.00	410351000127500
Taylor St. Detention Pond	168	TAYLOR ST. DETENTION POND	0.76	420362000600701
The Glen	169	KEPPEL FOREST (GLEN) - A	37.00	420362000221300
The Glen	170	KEPPEL FOREST (GLEN) - B	346.00	420362000400700
The Glen	171	KEPPEL FOREST (GLEN) - C	100.00	420362000403300
The Glen	172	THE GLEN - A	1,585.00	420362000406000
The Glen	173	THE GLEN - B	30.00	420362000421100
The Glen	174	THE GLEN - C	16.50	420362000421401
Skinner's Bluff	175	SKINNER'S BLUFF - C	149.00	420362000615100
Walker Woods	176	WALKER WOODS	34.00	410254001210301
Walter's Creek	177	WALTER'S CREEK - A	14.90	420436000208601
Walter's Creek	178	WALTER'S CREEK (HOLLAND AF)	288.20	420436000215700
Walter's Creek	179	WALTER'S CREEK - B	146.34	421051000100300
West Rocks	180	WEST ROCKS - A	16.08	425902001516500
West Rocks	181	WEST ROCKS - B	2.28	425903001715001
West Rocks	182	WEST ROCKS - D	143.57	425903001836900
Williams Lake	183	WILLIAMS LAKE	148.00	420436000502201
Wodehouse	184	WODEHOUSE - A	50.00	420839000413300
Wodehouse	185	WODEHOUSE - B	150.00	420839000504100
Wodehouse	186	BEAVERDALE	50.00	420839000509300
Wodehouse	187	BEAVERDALE	398.50	420839000600500
Wodehouse	188	SINKHOLE	75.00	420839000901510
Wodehouse	189	WODEHOUSE - F	200.00	420839000903800
Wodehouse	190	WODEHOUSE - G	288.67	420839000906200
Wodehouse	191	BEAVERDALE	100.00	420839000907000
West Rocks	192	WEST ROCKS - C	15.30	425903001714910
Sydenham Lowlands	193	SYDENHAM LOWLANDS - C	38.89	420354000114700

Property Name	Compartment Number	Compartment Name	Total Area (Acres)	Roll Number
Slough of Despond	194	SLOUGH OF DESPOND - B	163.07	420362000812700
Slough of Despond	195	SLOUGH OF DESPOND - C	58.06	420362000809950
McNab Lake bottom	197	McNAB LAKE BOTTOM	480.00	420362000000000
Cape Commodore	198	CAPE COMMODORE	171.00	420362000835500
Bass Lake	199	BASS LAKE - G	50.00	420362000425700
Bass Lake	200	BASS LAKE - H	65.95	420362000703750
Sucker Creek	201	SUCKER CREEK - E	4.40	410259000108805
Black's Creek	202	BLACK'S CREEK	100.00	420818000727100
West Rocks	203	WEST ROCKS	46.06	425903001715300
Fidler	204	FIDLER	77.84	420362000106705
Sucker Creek	205	SUCKER CREEK - F	100.00	410259000102000
Rocklyn Creek	207	ROCKLYN CREEK - F	6.22	420839000809115
Bayshore	208	BEST WESTERN INN ON THE BAY	3.93	425901000507205
Inglis Falls	210	INGLIS FALLS	0.75	420354000110900
Bayshore	211	EAST BAYSHORE - A	0.06	425901000510400
Bayshore	212	EAST BAYSHORE - B	0.11	425901000510600
Bayshore	213	BAYSHORE	34.14	425901000507200
		Total Area (acres)	**28,584.81**	

Appendix G – Property Maps

High Conservation Value Forest (HCVF): GSCA Forest

Summary

Grey Sauble Conservation Authority (GSCA) owns 11,472 hectares of forested land. The location of these properties can be found on the GSCA website at http://www1.greysauble.on.ca/conservation-areas/. The Community Forest also maintains a detailed GIS inventory of the forests and natural heritage values for each property. The GSCA Forest is managed according to the principles of the Forest Stewardship Council® (FSC®). FSC® certification provides the assurance that the forests are sustainably managed to a world-recognized standard.

FSC principle 9 addresses High Conservation Value Forests. It states that "Management activities in High Conservation Value Forests shall maintain or enhance the attributes which define such forests." The Forest Manager has evaluated the Community Forest using a framework which identifies six potential categories of HCVF. Sources of information for identifying HCVF include the OMNRF's Forest Resource Inventory and Natural Resources and Values Information System (NRVIS), Natural Heritage Information Centre (https://www.ontario.ca/page/natural-heritage-information-centre), natural heritage inventories, Endangered Species Act, https://www.ontario.ca/laws/statute/07e06 and the knowledge of the forest manager and members of the community. The HCVF report has been reviewed by the EOMF Certification Working Group and peer reviewed by an independent expert. The Forest Management Plan provides guidance for conservation of HCVFs when a timber harvest operation is planned and are consistent with OMNR habitat guidelines, https://www.ontario.ca/page/forest-management-guides. HCVF include a mapped area of 6,989.83 hectares, and additional unmapped areas of species at risk habitat. The HCVF report and how the review comments were addressed are available at the GSCA office, 237897 Inglis Falls Road, Owen Sound, ON, N4K 5N6.. The results are summarized in the following table.

Appendix E High Conservation Value Forest Assessment Framework – GLSL

This framework is designed to be used in order to help identify potential High Conservation Value Forests (HCVF) in the context of achieving certification to FSC Canada's Great Lakes/St. Lawrence Standard. It is based on a framework originally developed by ProForest and since that time it has been applied in many forest regions around the world.

The framework is organized as a table covering six categories derived from the definition of HCVFs from the FSC standards. The six categories are:

Category 1: Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia);
Category 2: Forest areas containing globally, regionally or nationally significant large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance;
Category 3: Forest areas that are in or contain rare, threatened or endangered ecosystems;
Category 4: Forest areas that provide basic services of nature in critical situations (e.g., watershed protection, erosion control);
Category 5: Forest areas fundamental to meeting basic needs of local communities (e.g., subsistence, health); and,
Category 6: Forest areas critical to local communities´ traditional cultural identity (areas of cultural, ecological, economic or religious significance identified in cooperation with such local communities).

Each category has a question or questions (the left-hand column below) that aim to identify whether the management unit contains any of the values relevant to each category. Negative answers to these questions mean that the forest operation likely does not include High Conservation Values (HCV) in that category. Positive answers lead to further investigation. The second column explains the rationale for the conservation of the particular value. The third column provides sources of information on these values (e.g., COSEWIC lists in Canada, Conservation Data Centre lists, etc.). The fourth column provides further guidance to help determine whether or not a particular area might be considered a High Conservation Value Forest.

Scale and diversity in the Great Lakes/St. Lawrence region: This toolkit is designed to be used across the GLSL region, and applied in small private forests, on community forests and in large public forests. The manager may be operating in a highly fragmented landscape, where the stands with exceptionally high conservation value may be very small and require a high degree of protection, or in a much more intact landscape, where the HCVF toolkit can help to identify relatively broad features across the landscape in which the changes to management activities may be relatively modest although nevertheless significant at the landscape level. Furthermore, these diverse management regimes occur across a range of ecosystem types, from the Carolinian forests of southwestern Ontario through the mixed wood forests of southern Ontario and Québec and northwards to forests that are in the boreal transition zone. This diversity means that HCVF assessments will be carried out differently on these various forests, and will produce vastly different results. In developing a toolkit that is intended to apply across this diversity it is not possible to provide specific thresholds or numerical responses to questions such as "What is the minimum size of a HCVF area?" or "What percentage of a management unit should be designated as HCVFs?"

"Critical habitat" and "Essential Habitat." In this Toolkit, and elsewhere in this standard, the term "Critical habitat" is used only in the context of Species at Risk that have been listed by federal or provincial agencies. It is used in this narrow sense in order to align the use of the term in this Standard with the legal requirements that exist in federal and provincial legislation pertaining to maintaining and restoring critical habitat for species at risk. "Essential habitat" has the same meaning as "critical habitat," but applies to all wildlife species, and not only to rare, threatened or endangered species.

HCV Summary for _Grey Sauble Conservation Authority_____		Total (Hectares)
HCV1	Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g. endemism, endangered species, refugia).	1,532.12
HCV2	Forest areas containing globally, regionally or nationally significant large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance.	323.28
HCV3	Forest areas that are in or contain rare, threatened or endangered ecosystems.	2945.92
HCV4	Forest areas that provide basic services of nature in critical situations (e.g. watershed protection, erosion control).	2203.51
HCV5	Forest areas fundamental to meeting basic needs of local communities (e.g. subsistence, health).	10.0
HCV6	Forest areas critical to local communities' traditional cultural identity (areas of cultural, ecological, economic or religious significance identified in cooperation with such local communities).	0.00
	Total area	6989.83

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 1) Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
1. Does the forest contain concentrations of species at risk as listed by international, national or provincial authorities?	An HCVF designation can support and enhance the measures to protect species at risk that are described under Criterion 6.2, especially in encouraging integrated approaches across the landscape where there are multiple species at risk or a concentration of attributes (populations or habitat) for specific species.	Species are designated as rare, threatened or endangered federally by COSEWIC and provincially by the Centre de données sur le patrimoine naturel du Québec and COSSARO. Consult the most up-to-date lists, usually available on the web.	- Are any of the rare, threatened or endangered species in the forest a species representative of habitat types naturally occurring in the management unit? (GUIDANCE) - Do any of the identified rare, threatened or endangered species (individually or concentration of species) have a demonstrated sensitivity to forest operations? (GUIDANCE) - Does the forest contain critical habitat for any individual species or concentration of species identified in the above questions? (GUIDANCE) Does the forest contain potential critical habitat that could facilitate the recovery of listed species? (GUIDANCE)	71, 74, 96, 110, 137, 151, 173 ***Some compartments have not been listed to due to sensitive nature of SAR***	Species At Risk Hart's Tongue Fern, Butternut, American Ginseng	On-going	GSCA	Forest Management Plan Table 11: "Summary of COSSARO Species at Risk in GSCA's Watersheds" OMNRF Habitat Regulations and Descriptions: Other Identified SAR	Harvest areas identified in Operating Plan. OMNRF guidelines. Forest Manager monitors implementation of prescription. See Annual HCV Monitoring Report.	2.84

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 1) Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
2. Does the forest contain a concentration of species having a restricted geographical range?	Ensures the maintenance of vulnerable and/or irreplaceable elements of biodiversity.	WWF Ecoregion Conservation Assessment (www.panda.org). Conservation International 'hotspot' areas (www.conservation.org)	- Is there a concentration of regionally endemic species in the forest that includes species representative of habitat types naturally occurring in the management unit? (DEFINITIVE) - Do any of the identified endemic species have a demonstrated sensitivity to forest operations? (GUIDANCE) - Does the forest contain essential habitat of species identified in the above questions? (GUIDANCE)	No	No	No	No	**No**	No	No

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 1) Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
3. Does the forest include regionally significant seasonal concentration of species?	Addresses wildlife habitat requirements critical to maintaining population viability (regional "hot spots").	National and local agencies with responsibility for wildlife conservation; Results from habitat models; Local experts; traditional knowledge	- Is there an area of the forest which provides essential habitat for a variety of species? (GUIDANCE) Is there an area of the forest in which there are high concentrations of wildlife populations, including seasonal concentrations? (GUIDANCE) - Is there an Important Bird Area in the forest? (DEFINITIVE) - How protected are similar wildlife concentration areas within the region? (GUIDANCE) - Is it a wildlife concentration area for more than one species? (GUIDANCE) - Are there any landscape features or habitat characteristics that tend to correlate with significant temporal concentrations of species (e.g., where species occurrence data is limited)? (GUIDANCE)	16, 20, 22, 57, 65, 90, 91, 95, 146, 158, 188, 197, 200, 202, 203, 204	Forest Interior Habitat	2013	GSCA	**FMP Page 13, Forest Interior Habitat** – will maintain integrity of forest cover through management prescriptions.	GSCA will continue to monitor stand/forest cover to ensure suitable forest interior habitat is maintained	159.96

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 1) Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
4. Does the forest support regionally significant species (e.g., species declining regionally, culturally important species)?		Regionally significant species are determined using the sources below. 1. Conservation Data Centre G3, S1-S3 species and communities 2. Range and population estimates from national or local authorities and local experts for: a) red listed species (see sources above); b) species at risk (in existing legislation and/or policy); c) results from habitat models, d) species representative of habitat types naturally occurring in the management unit or focal species; and, e) species identified as ecologically significant through consultation.	- Is the regionally significant species in significant decline as a result of forest management? (DEFINITIVE) - Is the population of regionally significant species locally at risk (e.g., continuing trend is declining rather than stable or improving)? (GUIDANCE) - Does the forest contain limiting or essential habitat for regionally significant species? (GUIDANCE) - Are there any ecological or taxonomic groups of species or sub-species that would together constitute a regionally significant concentration? (GUIDANCE)	No	No	No	No	No	No	No

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 1) Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
5. Does the forest support concentrations of species at the edge of their natural ranges or outlier populations?	Relevant conservation issues include vulnerability against range contraction and potential genetic variation at range edge. Outlier and edge of range populations may also play a critical role in genetic/population adaptation to global warming.	See above	- Are there naturally occurring outlier populations of commercial tree species? (GUIDANCE) Are any of the range edge or outlier species a species representative of habitat types naturally occurring in the management unit? (GUIDANCE) - Are there any ecological or taxonomic groups of range edge and/or outlier species/sub-species that would together constitute a globally, nationally or regionally significant concentration? (GUIDANCE) - Are the species potentially negatively impacted by forest management? (GUIDANCE) - Is the population of ranged edge and /or outlier species? (GUIDANCE)	No	No	No	No	No	No	No

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 1) Forest areas containing globally, regionally or nationally significant concentrations of biodiversity values (e.g., endemism, endangered species, refugia)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
6. Does the forest lie within, adjacent to, or contain a conservation area: a) designated by an international authority, b) legally designated or proposed by relevant federal/provincial/ territorial legislative body, or c) identified in regional land use plans or conservation plans?	Ensures compliance with the conservation intent of a conservation area and that regionally significant forests are evaluated for consistency with the conservation intent.		- Are there forest areas important to connect conservation areas in order to maintain the values for which the conservation areas were identified? (GUIDANCE) - Are there forest areas important to buffer conservation areas in order to maintain the values for which the conservation areas were identified? (GUIDANCE)	10, 18, 35, 54, 91, 104, 133, 138, 164, 171, 175, 184, 206 11, 29, 66, 72, 81, 85, 90, 99, 101, 119, 127, 136, 137, 147, 163, 179, 189	Escarpment Natural Escarpment Protection	On-going	GSCA	See FMP Page 39 and Table 8 for description of management areas within NEC Plan Area.	See Annual HCV Monitoring Report.	489.98

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 2) Forest areas containing globally, regionally or nationally significant large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
7. Does the forest constitute or form part of a globally, nationally or regionally significant forest landscape that includes populations of most native species and sufficient habitat such that there is a high likelihood of long-term species persistence?	The forest must not only be large enough to potentially support most or all native species, but long-term, large-scale natural disturbances can take place without losing their resilience to maintain the full range of ecosystem processes and functions (i.e., naturally functioning landscape). Forests meeting the threshold for intactness will be rare or absent throughout most of the GLSL area. In these cases refer to the following question, which focuses on identifying "remnant intact forests" that exemplify some of the attributes of intact forests	Global Forest Watch Canada maintains information on large-scale intact forest areas in Canada	Are there forest landscapes unfragmented by permanent infrastructure (including roads) and greater than 30,000 ha, with less than 5% of the area affected by non-permanent human disturbances;? (DEFINITIVE)	No	No	No	No	No	No	No

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 2) Forest areas containing globally, regionally or nationally significant large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
8. Are large landscape level forests (i.e., large unfragmented forests) rare or absent in the forest or ecoregion?	In regions or forests where large functioning landscape level forests are rare or do not exist (highly fragmented forest), forest areas that have had significantly less anthropogenic impact than surrounding areas may warrant consideration as HCVFs, so that the distinctive qualities in those forests can be sustained. While there is a size threshold in considering intact forests (#7 above), there is no minimum size threshold when considering remnant intact forests.		Are there areas that support viable populations of most species, and which have significantly lower anthropogenic impacts than surrounding regions? (GUIDANCE) To assist in the development of management prescriptions, the description of the high conservation value should include measures of forest quality to be maintained or enhanced. The questions below provide guidance to help identify some of the potential qualities. - Does the remnant intact forest include suitable habitat for native species (e.g., range of habitats and ecosystems) or more natural forests in terms of structure and function? - Does the remnant include an appropriate proportion of climax species (i.e. not dominated by pioneer species)? - Does the remnant include a relatively high proportion of late seral stands? - Does the remnant include an appropriate proportion of structural features such as woody debris and standing dead trees (i.e., structurally complex)? - Is the level of dissection and perforation in the remnant below	27, 31, 58, 66, 109, 112, 113, 119, 138	No Forest Management	2013	GSCA	Certain stands within these compartments will have no forest management activities (page 52 and Table 14)	GSCA will continue to monitor locations to ensure only acceptable activities take place within these compartments	278.24
				121, 130, 131, 157	Nature Preserve	2013	GSCA	Acquired to protect against development or preserve sensitive features		45.04

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 2) Forest areas containing globally, regionally or nationally significant large landscape level forests, contained within, or containing the management unit, where viable populations of most if not all naturally occurring species exist in natural patterns of distribution and abundance				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
			levels that will permit the persistence of most native species? - Are levels of early seral forest from human disturbances below levels appropriate for a naturally functioning landscape? - Are levels of habitat modification from human activity below levels appropriate for a naturally functioning landscape?							

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 3) Forest areas that are in or contain rare, threatened or endangered ecosystems				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
9. Does the forest contain naturally rare ecosystem types?	These forests contain many unique species and communities that are adapted only to the conditions found in these rare forest types.		- Are there ecosystems that have been officially classified as being rare, threatened or endangered by a relevant national or international organization? (GUIDANCE) - Is a significant amount of the global extent of these ecosystems present in the country and/or ecoregion? (GUIDANCE) - Are these ecosystems heavily modified? (GUIDANCE) - Are these ecosystems potentially negatively impacted by forest management? (GUIDANCE)	131 159	Bog Fen	2013 2013	GSCA GSCA	GSCA FMP Page 41 GSCA FMP Page 41	GSCA will monitor compartments to ensure structural and ecological integrity is maintained.	1.78 0.86

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 3) Forest areas that are in or contain rare, threatened or endangered ecosystems				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
10. Are there ecosystem types within the forest or ecoregion that have significantly declined?	This indicator includes rare forest ecosystem types (e.g. Carolinian forest, Savana Oak)		- Is the forest within an ecoregion with little remaining original forest type? (GUIDANCE) - Is there a significant proportion of the declining ecosystem type within the management unit in comparison to the broader ecoregion? (GUIDANCE) - Does potential vegetation mapping identify areas within the management unit that can support the declining ecosystem type (i.e., regeneration potential)? (GUIDANCE) - How well is each ecosystem effectively secured by the protected area network and the national/regional legislation? (GUIDANCE)	2, 112, 138, 176	Old Growth	On-going	GSCA	GSCA FMP Page 13 & 46	GSCA will monitor compartments to ensure structural and ecological integrity is maintained.	25.34
11. Are there sites with unique or exceptional ecological characteristics??	Sites with exceptional characteristics (e.g. ancient trees) warrant special consideration so that the conditions that produced these exceptional characteristics may continue to do so.		- Are there sites with unique or exceptional ecological characteristics? (GUIDANCE) - Are there important and/or unique geological areas that strongly influence vegetation cover (e.g., serpentine soils, marble outcrops)? (GUIDANCE) - Are there important and/or unique microclimatic conditions that strongly	8, 9, 10, 11, 22, 24, 25, 26, 27, 29, 38, 54, 66, 85, 93, 95, 96, 99, 101, 102, 103, 104, 105, 106, 107, 108, 118, 119, 120, 132, 133, 134, 136, 137,	ANSI	2013	GSCA	ANSI areas represent significant geological or biological features important to natural heritage (pg 40).	GSCA will monitor locations to ensure sites are maintained. Any harvest operations will be designed in a fashion that will cause the least	2917.94

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 3) Forest areas that are in or contain rare, threatened or endangered ecosystems				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
			influence vegetation cover (e.g., high rainfall, protected valleys)? (GUIDANCE)	138, 145, 146, 147, 151, 157, 158, 159, 160, 171, 172, 173, 174, 178, 188, 194, 195, 199					impact to these important areas.	

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 4) Forest areas that provide basic services of nature in critical situations (e.g., watershed protection, erosion control)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
12. Where surface water is used to supply drinking water for communities special considerations are warranted		Is there a sole available and accessible source of drinking water for a community? (DEFINITIVE) - Are there watershed or catchment management studies that identify significant recharge areas that have a high likelihood of affecting drinking water supplies? (GUIDANCE)		No	No	No	No	No	No	No

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 4) Forest areas that provide basic services of nature in critical situations (e.g., watershed protection, erosion control)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
13. Most or all forests have some role to play in maintaining water quantity or quality, which is addressed in Criterion 6. This question is meant to identify those areas that are particularly sensitive.	Hydrological maps; Hydrologists in government departments or local research institutions.	- Are there high risk areas for flooding or drought? (DEFINITIVE) - Are there particular forest areas (i.e., a critical sub-watershed) that potentially affect a significant or major portion of the water flow (e.g., 75% of water in a larger watershed is funneled through a specific catchment area or river channel)? (GUIDANCE) - Does the forest occur within a sub-watershed that is critically important to the overall catchment basin? (GUIDANCE) - Are there particular forest areas (i.e., a critical sub-watershed) that potentially affect water supplies for other services such as reservoirs, irrigation, river recharge or hydroelectric schemes? (GUIDANCE)		4, 7, 8, 9, 10, 11, 13, 16, 17, 19, 20, 21, 22, 23, 51, 60, 61, 67, 68, 69, 75, 76, 77, 79, 86, 87, 88, 89, 90, 91, 95, 96, 97, 106, 109, 110, 112, 113, 123, 124, 125, 132, 133, 134, 140, 142, 143, 144, 148, 149, 150, 157, 158, 159, 160, 169, 170, 171, 172, 173, 197, 202	Provincially Significant Wetlands Class 1, 2, and 3	2013	GSCA	Table 10 – Summary of Wetland Types and acreages on GSCA Properties	GSCA will monitor locations to ensure integrity is maintained and environmental functionality is maintained or enhanced.	2203.51
See above		- Are there forest areas where the degree of slope carries high risk of erosion, landslides and avalanches? (DEFINITIVE)		No	No	No	No	No	No	No

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 4) Forest areas that provide basic services of nature in critical situations (e.g., watershed protection, erosion control)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
		- Are there soil and geology site types that are particularly prone to erosion and terrain instability? (GUIDANCE) - Is the spatial extent of erosion-prone or unstable terrain such that the forest is at high risk (also of cumulative impacts)? (GUIDANCE)								

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 5) Forest areas fundamental to meeting basic needs of local communities (e.g., subsistence, health)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
15. Is any local community making use of the forest for basic needs/ livelihoods? (Consider food, medicine, fodder, fuel, building and craft materials, water, income).	There is a distinction being made between the use by individuals (e.g.., traplines), whose interests are addressed in Principles 1-9, and where use of the forest is fundamental to the subsistence or health needs of local communities, in which case a HCVF designation may be warranted	Sources of information 1. Consultation with the communities themselves (including women, men and elders) is the most important way of collecting information. 2. Literature sources such as reports and papers, where available, can be very useful sources of information. 3. Knowledgeable people and organizations such as local community organizations and Tribal Councils, NGOs, or academic institutions. This type of group can often provide a quick introduction to the issues and provide support for further work. 4. Review of studies of traditional land use and non-timber use of the forest. Review of socio-economic profiles of communities.	- Is this the sole source of the value(s) for the local communities? (GUIDANCE) - Is there a significant impact to the local communities as a result of a reduced supply of these values? (GUIDANCE) - Are there values that, although they may be a small proportion of the basic needs, are nevertheless critical? (GUIDANCE)	172	Materials for Ceremonial Use – Ash Saplings	2015	First Nations	No	GSCA staff select and monitor sites annually to ensure value is protected.	2.0

Item	Rationale	Sources of information	Further Guidance	EOMF HCV:						
Category 6) Forest areas critical to local communities' traditional cultural identity (areas of cultural, ecological, economic or religious significance identified in cooperation with such local communities)				**Comp.**	**Value**	**Year Completed**	**Stakeholder**	**Management Guidance**	**Monitoring**	**Area (Ha)**
16. Is the traditional cultural identity of the local community particularly tied to a specific forest area?	The difference between having *some significance* to cultural identity and being *critical* will often be a difficult line to draw and as with meeting basic needs, the way in which it is established will be very variable. However, some key points to consider are: - To be an HCV, the forest must be **critical** to the culture. - For FSC certification **all** identified values must be addressed even if they are not critical, but will be dealt with under other principles.	See above	- Do the communities consider that the forest is culturally significant? Possible indicators for cultural importance include: 1. Names for landscape features; 2. Stories about the forest; 3. Sacred or religious sites; 4. Historical associations; and, 5. amenity or aesthetic value. - Will changes to the forest potentially cause an irreversible change to the culture? (GUIDANCE) - Is the particular forest in question more valuable than other forests? (GUIDANCE)	No	No	No	No	No	No	No
17. Is there a significant overlap of values (ecological and/or cultural) that individually did not meet HCV thresholds, but collectively constitute HCVs?	Consideration of several spatially overlapping values is important in optimizing conservation management.		- Are there several overlapping conservation values? (GUIDANCE) - Do the overlapping values represent multiple themes (e.g., species distribution, significant habitat, concentration area, relatively unfragmented landscape)? (GUIDANCE)	No	No	No	No	No	No	No

Appendix I - Summary of GSC's Recommended Desired Outcomes from Forest Management Activities (2018-2037)

GSCA Desired Outcomes	MFTIP Objective	Activity	Target	Year
Healthy and Enough Forests and Habitats	Forest health	Inspect GSCA forests annually. Undertake control measures, if feasible.	Inspect properties at least every three years.	2018-2037
		Attend seminars to learn about new & existing forest pests.	Attend the Forest Health Review annually.	2018-2037
		Report unauthorized uses of GSCA properties.	As needed.	As necessary
		Monitor and map locations of known invasive species.	GPS locations of invasive species.	2018-2037
	Environmental Protection	Determine Areas of Concern during forest management activities.	Modify operations to minimize damage to the environment or wildlife habitat.	2018-2037
		Minimize stand and site damage during forest management activities.	Follow guidelines set out in the technical guide – Forest Management Guide for Conserving Biodiversity at the Stand and Site Scales (OMNR, 2010).	2018-2037
	Wildlife Habitat	Maintain species diversity during forest management activities.	Retain all species present.	2018-2037
			Increase species diversity through planting (i.e. Eastern hemlock.)	
			Implement strategies to preserve Species at Risk, where feasible.	
		Maintain or enhance wildlife species and their habitats during forest management activities.	Apply for grants and partner with other organizations on specific wildlife habitat enhancement projects.	2018-2037
	Adaptative Management	Adapt to the effects of climate change that could affect tree growth and survival.	Adjust Forest Management Plan and annual operational planning based on actual conditions and growth.	2018-2037
Support for Economic Development and Community Needs	Forest Products	Implement GSCA's forest management program.	Include a stand inventory, boundary line marking, adjacent landowner notification, tree marking (Certified Tree Markers), tendering, & monitoring with each forest management operation. Use good forestry practices in all forest management activities. Be flexible with the management cycle to allow for unexpected occurrences (weather or site conditions). Ensure all activities are stamped by a member of the OPFA.	2018-2037
			Establish and maintain interior road systems to facilitate wood extraction, and minimize stand and site damage.	
		Afforestation – plant trees on open land not being used for agricultural purposes.	Plant trees under the 50 Million Tree Program and/or other tree planting programs. Determine area to be planted on an annual basis.	2018-2037
	Income	Sell all wood products from forest management operations for a reasonable price.	Sell wood products by public tender except small operations which may be sold directly to a contractor. All sales will follow the GSCA Wood Product Tendering Policy.	2018-2037
	Adaptative Management	Use Growth & Yield growth data to track growth rates & predict future management needs.	Continue re-measurements of GSCA's Growth & Yield plots.	2018-2037
	Education	Promote good forestry practices to the public.	Provide workshops, seminars and woodlot tours in partnership with local organizations (i.e. Bruce Grey Woodland Association, etc…)	2018-2037

		Educate young people about the value of forests.	Participate in the Bruce-Grey Forest Festival to educate young people about forest values.	2018-2037
	Communication	Provide an open-ended commenting process for this Forest Management Plan.	Allow written submissions to GSCA throughout this management period. Submissions to be given due consideration by GSCA's Board of Directors.	2018-2037
Species Protection and Protection from Invasive Species	Natural Heritage Features	Protect natural heritage features during forest management activities.	Identify Areas of Concern and modify forest management operations as necessary.	2018-2037
		Protect Species at Risk during forest management activities.	Document known locations of Species at Risk and their habitats.	2018-2037
			Send information to the Natural Heritage Information Centre.	
			Do not disclose locations of Species at Risk to the public.	
Recreation / Healthy Living Opportunities	Recreation	Maintain or enhance recreational values during forest management activities.	Permit recreational activities according to the Conservation Areas Act / Regulations (Section 29). Erect signs warning of forestry operations or occasionally close trails where active management is taking place.	2018-2037
Administrative	Recreation	Cutting cycle length	Evaluate 15-yr cutting cycle length and feasibility of setting length based on site factors such as cover type and site productivity.	2019-2022

Appendix J – Harvest Operations Assessment Standards

Acceptable Damage Standards	
Damage to Residual Trees	After harvesting, 85% of residual basal area (10 cm + DBH) should be free of major damage and 90% of Acceptable Growing Stock (AGS) should be free of major damage.
Damage to Regeneration	After harvesting, 85% of residual basal area (< 10 cm DBH) should be free of major damage.
Skid Trail Coverage	A minimum of 80% of the ground area to be free of skid trails. Main skid trail must be delineated. Parallel skid trails should be no closer than 60 metres apart.
Damage to Physical Environment	Trees felled over a watercourse. Debris not cleared. Major/Extreme Ruts are greater than 30 metres in length. No ruts should be deeper than 15 cm on spur trails. No ruts should be deeper than 30 cm on main skid trails.
Logging Damage Assessment Criteria	
Type of Damage	**Unacceptable Level of Damage**
Stem Wounds - Trees 10 – 31 cm DBH - Trees > 32 cm DBH	Gouging, scraping and peeling of the bark (can occur at the ground level due to skidding or higher in the tree as a result of felling impacts). Any wound greater than the square of the Diameter at Breast Height (DBH) – i.e. a 10 cm DBH tree – major wound is greater than 100 cm^2 Any wound greater than 1,000 cm^2 Note: If there is Ground Contact, a major wound is considered to be 60% of the size indicated for all size classes.
Broken Branches	More than 33% of the crown is destroyed.
Root Damage	More than 25% of the root area is exposed or severed.
Broken Stems	Primary stem or any other major limb is broken.
Uprooted Trees	More than one-half of tree roots are broken and/or exposed.
Girdled Trees	Area where bark has been removed encircles tree or is at least 50% of the circumference of the tree.
Leaning Tree	Tree is leaning 10 degrees or more because of logging damage.
Site Damage Assessment Criteria	

Type of Damage	Unacceptable Level of Damage
Skid Trail Ruts	Minor (acceptable) – ruts 15 cm or less in depth & < 30 metres in length. Moderate (unacceptable) – ruts 16 – 30 cm in depth & > 30 metres in length. Major (unacceptable) – ruts 31 – 60 cm in depth & > 30 metres in length. Extreme (unacceptable) – ruts > 61 cm in depth & > 30 metres in length.
Excessive Number of Skid Trails	Skid trails less than 60 metres apart.
Logging Debris	No tops blocking trails. No debris leaning against any trees. No limbs or tree tops left higher than 1 metre above the ground. No logs that have slipped out of the choker and are lying on the trail.
Excessive Skid Trail Width	No skid trail wider than 3 metres (10 feet).

Appendix K – Planned Forest Operations 2023 – 2037

Second Operating Period (2023 - 2027)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2023	Stand Improvement - Upland Deciduous	Rob Roy: 85-1 (7.91), 85-2 (109.9) Skinner's Bluff: 145-1 (25.0); 146-2 (540.0) The Glen: 169-1 (26.3)	**708.30**
	Stand Improvement - Lowland Mixed	Sucker Creek: 158-2 (134.06)	**134.06**
		Total Area	**842.36**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2024	Plantation Thinning	Rocklyn Creek: 56-4 (2.1) Isaac Lake: 70-4 (5.4), 70-5 (1.9) Wodehouse: 187-8 (6.7), 187-9 (2.8), 187-10 (8.4), 187-13 (8.8), 187-14 (3.7), 187-15 (4.2), 187-16 (4.4), 187-19 (3.4), 187-20 (3.0)	**54.80**
	Stand Improvement - Upland Deciduous	Bognor Marsh: 25-1 (39.51), 25-3 (7.75); 27-15 (250.3), 27-17 (6.2), 27-18 (49.6) Rocklyn Creek: 56-1 (9.3), 56-2 (21.7), 56-3 (0.9); 138-1 (13.87) Pottawatomi: 127-3 (63.6) Rocklyn Creek: 138-1 (13.87) Skinners Bluff: 146-4 (107.0) Wodehouse: 187-21 (7.1)	**590.70**
	Stand Improvement - Lowland Deciduous	Bognor Marsh: 27-20 (50.0)	**50.00**
	Patch Cut or Selection – Upland Coniferous	Wodehouse: 186-3 (12.2)	**12.20**
	Stand Improvement - Upland Mixed	Bognor Marsh: 27-19 (32.6)	**32.60**
	Total Area		**740.30**

	Management Activity	Compartment Name:	Total Area

Target Year		Compartment #-Stand # (acres)	(acres)
2025	Plantation Thinning	Boat Lake: 20-3 (8.5), 20-8 (2.3), 20-9 (11.5), 20-12 (2.3), 20-15 (12.9), 20-17 (5.9), 20-18 (6.2), 20-19 (7.1) Epping-John Muir Lookout: 37-1 (5.81) Little Germany: 99-1 (23.01)	**85.52**
	Stand Improvement - Upland Deciduous	Boat Lake: 20-6 (10.1), 20-10 (2.9), 20-13 (5.5) Madeleine Graydon: 40-3 (5.6) Kemble Mountain: 72-1 (78.2); 74-4 (87.96) Little Germany: 81-1 (9.76) Kolapore Uplands: 94-1 (48.14); 97-1 (84.2) Williams Lake: 183-4 (23.5), 183-6 (16.9) Wodehouse: 190-1 (124.8), 190-5 (50.3)	**547.86**
	Stand Improvement - Upland Mixed	Boat Lake: 20-4 (174.3), 20-16 (3.1)	**177.40**
	Stand Improvement - Lowland Mixed	Little Germany: 81-3 (43.84)	**43.84**
	Patch Cut or Selection – Upland Coniferous	Boat Lake: 20-7 (20.1), 20-11 (2.8), 20-20 (5.4)	**28.30**
	Total Area		**882.92**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2026	Plantation Thinning	Walter's Creek: 179-1 (17.5), 179-6 (2.3), 179-7 (2.6), 179-15 (32.5), 179-21 (1.2), 179-22 (2.4), 179-24 (10.34)	**68.84**
	Stand Improvement - Upland Deciduous	Gowan Lake: 54-1 (193.15) Hodgins Lake: 60-2 (11.0); 61-2 (51.0) Kolapore Uplands: 92-1 (70.6) Slough of Despond: 151-1 (152.6), 151-4 (30.0), 151-5 (10.0) The Glen: 170-1 (79.4), 170-12 (17.8) Slough of Despond: 195-2 (18.0)	**633.55**
	Stand Improvement - Upland Mixed	Skinner Marsh-McNab Lake: 112-29 (2.7) Slough of Despond: 151-6 (19.4) The Glen: 170-6 (5.1)	**27.20**
	Patch Cut or Selection – Upland Coniferous	Skinner Marsh-McNab Lake: 112-21 (33.65), 112-27 (4.5)	**38.15**
	Total Area		**767.74**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2027	Plantation Thinning	Flesherton: 49-1 (1.1), 49-2 (27.8), 49-5 (4.9); 50-1 (1.6) Skinner Marsh-McNab Lake: 111-1 (14.3), 111-2 (9.0), 111-3 (34.0) The Glen: 170-3 (120.1), 170-4 (5.7) Wodehouse: 188-1 (8.8)	**227.30**
	Stand Improvement - Upland Deciduous	Flesherton: 50-4 (5.8) Little Germany: 91-2 (154.5) Kolapore Uplands: 96-1 (38.91), 96-5 (5.5) Skinner Marsh-McNab Lake: 109-8 (20.2); 112-20 (101.3), 112-33 (24.2); 113-5 (14.7); 114-1 (2.2) Spey River: 152-2 (11.0), 152-5 (17.5) Sucker Creek: 159-3 (46.0); 160-3 (34.0) Skinner's Bluff: 175-5 (3.7) Wodehouse: 189-3 (25.0) Bass Lake: 200-1 (1.11), 200-2 (61.74)	**567.36**
	Stand Improvement - Lowland Mixed	Little Germany: 91-3 (5.9), 91-4 (61.0)	**66.90**
	Patch Cut or Selection – Upland Coniferous	Flesherton: 49-6 (2.1); 50-3 (13.7) Skinner's Bluff: 175-2 (9.3)	**25.10**
	Total Area		**886.66**

Third Operating Period (2028 - 2032)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2028	Plantation Thinning	Bognor Marsh: 27-16 (214.5) Little Germany: 90-2 (4.5), 90-4 (11.7), 90-6 (15.9); 91-1 (37.29), 91-9 (16.81) Walter's Creek: 178-19 (27.2), 178-22 (6.6) Wodehouse: 190-3 (24.9), 190-8 (6.67)	**366.07**
	Stand Improvement - Upland Deciduous	Boat Lake: 17-3 (5.2), 17-5 (6.7) Little Germany: 90-14 (51.2) Bass Lake: 104-1 (115.0), 104-2 (56.9), 104-3 (4.0), 104-4 (16.4) Robson Lakes: 132-2 (58.5)	**313.90**
	Patch Cuts or Selection - Upland Coniferous	Boat Lake: 16-2 (4.83); 17-2 (50.2) Little Germany: 90-1 (17.8)	**72.83**
	Stand Improvement - Upland Mixed	Boat Lake: 17-4 (3.1)	**3.10**
	Total Area		**755.90**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2029	Plantation	Kolapore Uplands: 93-1 (15.63), 93-2 (40.0), 93-3 (10.0); 96-3 (3.15), 96-6 (24.22) Massie Hills: 107-5 (14.6), 107-10 (30.5), 107-11 (17.3)	**155.40**
	Stand Improvement - Upland Deciduous	Bass Lake: 105-1 (66.0), 105-2 (84.0); 106-6 (23.7), 106-9 (55.6) Massie Hills: 107-2 (123.6) Skinner Marsh-McNab Lake: 113-10 (59.7) Pottawatomi Wetlands: 123-2 (13.2) Skinner's Bluff: 146-3 (115.8)	**541.60**
	Stand Improvement - Lowland Deciduous	Pottawatomi Wetlands: 123-1 (75.8) Sullivan Forest: 161-2 (102.1)	**177.90**
	Patch Cut or Selection - Lowland Coniferous	Sullivan Forest: 161-4 (7.5)	**7.50**
	Total Area		**882.40**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area
2030	Plantation Thinning	Bass Lake: 106-4 (5.4), 106-12 (6.7) Robson Lakes: 132-1 (52.8) Spey River: 154-4 (6.3) Sheppard Lake: 162-1 (33.8) Walter's Creek: 178-1 (8.2), 178-3 (12.7), 178-4 (1.6), 178-8 (12.4), 178-15 (2.7), 178-16 (3.2)	**145.80**
	Stand Improvement - Upland Deciduous	Bognor Marsh: 26-1 (14.59); 27-10 (5.7), 27-12 (11.9) Kolapore Uplands: 95-2 (60.13) Rocklyn Creek: 136-9 (60.3), 136-11 (7.8), 136-12 (5.8) Skinner's Bluff: 146-7 (246.9) Spey River: 154-5 (15.1)	**428.22**
	Patch Cut or Selection - Upland Coniferous	Boat Lake: 19-3 (93.0) Spey River: 154-3 (5.8)	**98.80**
	Stand Improvement - Upland Mixed	Skinner's Bluff: 146-6 (16.0)	**16.00**
	Total Area		**688.82**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2031	Plantation Thinning	Bognor Marsh: 27-43 (18.20) Skinner's Bluff: 146-10 (2.4), 146-12 (9.9), 146-13 (1.1) Rockford: 155-4 (3.64) Telfer Creek: 163-2 (7.0) Sydenham Lowlands: 166-3 (11.0) Wodehouse: 185-4 (26.6), 185-5 (17.7); 191-2 (6.0), 191-3 (8.0)	**111.54**
	Stand Improvement - Upland Deciduous	Bognor Marsh: 26-1 (14.59) Little Germany: 82-1 (14.69) Kolapore Uplands: 83-1 (15.0); 83-2 (97.0), 93-4 (31.87) Sydenham Forest: 164-2 (7.5), 164-3 (43.9), 164-5 (13.8) West Rocks: 182-1 (124.9); 203-1 (46.06) Wodehouse: 185-7 (13.0)	**422.31**
	Patch Cut or Selection - Upland Coniferous	Bruce's Caves: 29-1 (22.51)	**22.51**
	Stand Improvement - Upland Mixed	Skinner's Bluff: 146-9 (14.7)	**14.70**
	Patch Cut or Selection - Lowland Coniferous	Sydenham Lowlands: 166-6 (9.5)	**9.50**
	Total Area		**580.56**

	Management Activity	Compartment Name:	Total Area

Target Year		Compartment #-Stand # (acres)	(acres)
2032	Plantation Thinning	Inglis Falls: 66-21 (1.3) Keppel Forest: 78-6 (21.42) Little Germany: 81-6 (6.5); 89-7 (10.0) Kolapore Uplands: 84-2 (8.15); 92-2 (22.7); 95-3 (4.1), 95-6 (4.1) Sucker Creek: 158-3 (36.1); 159-7 (10.0); 160-4 (6.4) Skinner Marsh-McNab Lake: 113-12 (10.8)	**141.87**
	Stand Improvement - Upland Deciduous	Bognor Marsh: 27-23 (14.3), 27-25 (166.26), 27-26 (13.9), 27-38 (15.3), 27-44 (13.0) Inglis Falls: 66-22 (21.0) Little Germany: 89-3 (17.51) Bass Lake: 103-1 (46.0), 103-2 (4.0) Massie Hills: 108-2 (125.9) Skinner Marsh-McNab Lake: 111-4 (33.7) The Glen: 172-33 (22.2)	**493.07**
	Patch Cut or Selection - Upland Coniferous	Little Germany: 89-6 (24.06) Sucker Creek: 158-1 (21.0); 160-2 (118.4)	**163.46**
	Stand Improvement - Lowland Mixed	Little Germany: 89-2 (26.4)	**26.40**
	Total Area		**824.80**

Fourth Operating Period (2033 - 2037)

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2033	Plantation Thinning	Skinner Marsh-McNab Lake: 109-5 (33.5), 109-9 (33.3), 109-12 (5.4), 109-15 (39.3), 109-19 (7.0); 112-14 (1.7), 112-15 (1.1), 112-31 (3.6), 112-32 (3.8); 113-6 (19.6); 114-2 (2.6) Pottawatomi: 127-4 (15.8) Skinner's Bluff: 147-2 (24.3) Wodehouse: 189-5 (30.7) Robson Lakes: 134-1 (19.74)	**241.44**
	Stand Improvement - Upland Deciduous	Boat Lake: 21-2 (19.1), 21-7 (2.4) Gleason Brook: 51-3 (3.6), 51-7 (8.9); 52-1 (49.0) Gowan Lake: 54-2 (6.85) Isaac Lake: 69-5 (9.79) Kemble Mountain: 72-4 (16.2); 74-3 (20.95) Little Germany: 90-8 (35.1)	**585.51**

		Skinner Marsh-McNab Lake: 109-13 (20.3); 110-1 (39.9); 112-1 (31.9), 112-11 (50.3), 112-18 (16.2) Old Baldy: 118-5 (16.0) Pottawatomi: 127-2 (28.4), 127-6 (30.8) Sky Lake: 150-1 (110.82), 150-2 (31.6) Sucker Creek: 158-5 (26.6) Walter's Creek: 178-12 (1.2) Wodehouse: 184-2 (9.6)	
	Stand Improvement - Upland Mixed	Albemarle Brook: 5-2 (27.27) Bognor Marsh: 27-34 (5.1) Gleason Brook: 51-9 (7.6), 51-13 (24.9) Isaac Lake: 69-6 (10.2) Pottawatomi: 127-7 (16.0) Robson Lakes: 134-2 (12.1)	**103.17**
	Patch Cut or Selection – Upland Coniferous	Albemarle Brook: 5-1 (46.47) Big Mud Lake: 13-4 (28.4) Boat Lake: 21-6 (15.1); 23-4 (5.6) Flesherton: 49-4 (3.5) Keppel Forest: 78-3 (11.3) Skinner Marsh-McNab Lake: 109-18 (19.4) Pottawatomi: 127-8 (7.0) Walter's Creek: 178-2 (4.3), 178-11 (1.4) 178-14 (5.0), 178-17 (13.7) Williams Lake: 183-5 (26.7)	**187.87**
	Stand Improvement - Lowland Mixed	Keppel Forest: 78-1 (38.46)	**38.46**
	Stand Improvement - Lowland Deciduous	Isaac Lake: 69-2 (3.3) Wodehouse: 185-2 (14.3)	**17.60**
	Total Area		**1174.05**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2034	Plantation Thinning	Griersville: 57-4 (4.1); 57-4 (1.6) Massie Hills: 108-3 (3.5), 108-6 (20.5), 108-7 (8.3) Shallow Lake: 140-4 (20.4) The Glen: 172-17 (3.8), 172-18 (7.7)	**69.90**
	Stand Improvement - Upland Deciduous	Beattie Lake: 148-4 (58.1) Bognor Marsh: 26-4 (14.28) Griersville: 55-3 (18.9); 57-3 (28.0), 57-5 (11.6) Hodgins Lake: 61-7 (18.0) Isaac Lake: 67-2 (13.5) Kemble Mountain: 71-1 (155.0); 73-1 (52.5)	**546.38**

		Little Germany: 80-1 (84.3) Kolapore Uplands: 84-3 (81.3) Wodehouse: 184-1 (10.9)	
	Stand Improvement - Upland Mixed	Beattie Lake: 148-2 (12.7), 148-3 (28.6) Boat Lake: 19-2 (18.8) Hodgins Lake: 61-3 (13.0) Little Germany: 80-6 (10.8) Kolapore Uplands: 84-1 (2.04)	**85.94**
	Stand Improvement - Lowland Mixed	Little Germany: 84-5 (15.76)	**15.76**
	Patch Cut or Selection – Upland Coniferous	Beattie Lake: 148-1 (0.6) Bighead Headwaters: 14-1 (5.0), 14-5 (15.5) Boat Lake: 19-1 (2.1) Bognor Marsh: 26-7 (19.26) Feversham: 39-2 (81.93) Hodgins Lake: 61-4 (13.0), 61-6 (6.0), 61-9 (21.48) Isaac Lake: 70-1 (16.9) Massie Hills: 108-5 (27.0) The Glen: 172-16 (2.3)	**211.07**
	Patch Cut or Selection – Lowland Coniferous	The Glen: 170-10 (11.1)	**11.10**
	Stand Improvement - Lowland Deciduous	Kolapore Uplands: 84-4 (2.75)	**2.75**
	Total Area		**942.90**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2035	Plantation Thinning	Bognor Marsh: 26-6 (15.37) Feversham: 39-4 (71.35), 39-5 (7.61) Madeleine Graydon: 40-4 (1.63) Shouldice Wetland: 75-7 (12.84) Rocklyn Creek: 136-8 (23.74), 136-10 (20.7) Spirit Rock: 156-5 (16.43)	**169.67**
	Stand Improvement - Upland Deciduous	Boat Lake: 22-9 (50.9), 22-11 (7.39) Feversham: 39-1 (16.51) Holland Centre: 62-3 (18.1) Shouldice Wetland: 75-1 (2.95), 75-4 (8.42), 75-6 (7.3), 75-8 (33.53) Keppel Forest: 78-5 (9.86) Telfer Creek: 163-3 (14.0)	**399.79**

		The Glen: 172-19 (70.4), 172-20 (83.63), 172-23 (50.0), 172-29 (26.8)	
	Stand Improvement - Upland Mixed	Bruce's Caves: 29-6 (16.0) Spey River: 152-7 (7.3) Spirit Rock: 156-1 (4.25)	**27.55**
	Stand Improvement - Lowland Deciduous	Pottawatomi Wetlands: 122-1 (103.0)	**103.00**
	Patch Cut or Selection - Upland Coniferous	Boat Lake: 19-6 (30.0) Spey River: 152-1 (27.6), 152-8 (4.5) Spirit Rock: 156-7 (65.04)	**127.14**
	Total Area		**827.15**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2036	Plantation Thinning	Bognor Marsh: 27-24 (30.9) Indian Creek: 64-4 (16.0) Old Baldy: 118-4 (19.0) Rocklyn Creek: 136-3 (23.4); 137-1 (4.7), 137-5 (18.8), 137-8 (8.0), 137-9 (4.3), 137-11 (12.0) The Glen: 172-22 (35.0), 172-27 (23.1)	**195.20**
	Stand Improvement - Upland Deciduous	Bruce's Caves: 29-4 (30.0), 29-7 (104.0) Black's Creek: 79-1 (34.5) Little Germany: 98-1 (4.4), 98-5 (29.2), 98-7 (4.2); 99-3 (63.86) Bass Lake: 102-1 (20.0) Skinner Marsh-McNab Lake: 109-17 (24.3) Robson Lakes: 134-4 (91.6), 134-7 (29.2) Spirit Rock: 156-6 (32.28), 156-8 (49.46) Walter's Creek: 178-21 (4.3), 178-23 (14.1)	**535.40**

	Patch Cut or Selection - Lowland Coniferous	Little Germany: 98-9 (13.4)	**13.40**
	Total Area		**744.00**

Target Year	Management Activity	Compartment Name: Compartment #-Stand # (acres)	Total Area (acres)
2037	Plantation Thinning	Skinner's Bluff: 147-3 (14.2)	**14.20**
	Stand Improvement - Upland Deciduous	Rob Roy: 85-1 (7.91), 85-2 (109.9) Skinner's Bluff: 145-1 (25.0); 146-2 (540.0) The Glen: 169-1 (26.3)	**708.30**
	Stand Improvement - Lowland Mixed	Sucker Creek: 158-2 (134.06)	**134.06**
	Total Area		**856.56**

Appendix L - 2019 Public Engagement - Survey Responses

Total Responses = 10

Questions	Responses									
Were you aware that Grey Sauble Conservation Authority (GSCA) owns close to 29,000 acres of throughout Grey and Bruce counties?	Y	Y	N	N	Y	Y	Y	Y	N	Y
Were you aware that GSCA conducts forest management on close to 13,000 acres owned by GSCA?	Y	Y	N	N	Y	Y	N	Y	Y	Y
Were you aware GSCA had a Forest Management Policy and Forest Management Plan that governs how forest management is conducted on GSCA properties?	Y	Y	N	N	Y	Y	Y	Y	Y	Y
Did you know there are several mills located within Bruce and Grey counties that purchase wood from GSCA properties?	N	Y	N	N	N	Y	Y	N	N	Y
Do you believe GSCA should conduct forest management on their own properties?	Y	Y	Y	Y	Y	N	Y	Y	Y	Y
Comments	Why is there no mention of First Nations in your previous management plan? All of your management areas are located on the traditional territory of the Saugeen Ojibway Nation (Saugeen and Nawash). Mostly all of the forest management plans in the Area of Undertaking up north have some form of agreement or consultation process with the local first nations. I understand that the majority of your management area is situated on private lands but still...	Keep up the good work			Appreciate knowledgeable management of local woodlands. Enjoy the diversity of flora and fauna in the area. Please, continue to work for the forests and wildlife.	Retention or creation of true wild spaces creates the appropriate diversity. Human selected diversity plans works against natures methods. Please don't describe your lumbering practices as selective diversity enhancement. If it's a financial requirement - just say so.				