
Appendix XIV Forest Resource Inventories

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Table 1 Summary and Status of Forest Resource Inventories on TFL 37

Inventory Item	Status and Classification Standard	Data Source	Effective Scale	GIS Coverage ¹	Completed/Updated	Agency Acceptance	
Digital Elevation Model (Base)	Dixon, Triathlon; Controlled to TRIM Base	1993 b/w photos, 1:45,000 scale	1:10,000	Contour, dem,	December 1997	Accepted for December 1996 FDP	
Lakes, Rivers, Streams (Base)	Dixon, Triathlon; Controlled to TRIM Base	1993 b/w photos, 1:45,000 scale	1:10,000	Tfl_lakes, tfl_streams	December 1997		
Lake, River, Stream Classification	Holden, Canfor	Field data, TRIM	1:10,000	Tfl_lakes, tfl_streams	August, 1997 [update to new base by October 1998]		
Roads (Base)	Dixon, Triathlon; Controlled to TRIM Base	1993 b/w photos, 1:45,000 scale	1:10,000	Tfl_roads	January 1997 [update by October 1998]		
Road Classification	Ogasawara, Canfor	Field data	1:10,000	Tfl_roads	June, 1997		
Drainage Structures	Johnstone, Canfor	Field data	1:10,000	Tfl_bridges	[expected October 1998]		
Biogeoclimatic Classification	Holden, Canfor	MoF	1:250,000	Tfl_biogeo	1994		1994
Parks	Kuzenko, Canfor	MoF/MoELP - LUCO	1:250,000	TFL_parks	February 1994		February 1994
Special Management Zones	Kuzenko, Canfor	MoF/MoELP - LUCO	1:250,000	TFL_lia	February 1994		February 1994
Landscape Units	Kuzenko, Canfor	Draft – MoF/MoELP	1:250,000	TFL_land_unit	November 1997		November 1997
Resource Management Zones	Kuzenko, Canfor	Draft – MoF/MoELP	1:250,000		November 1997		November 1997
Tenure / Ownership	Ogasawara, Canfor	MoF, Resources Engineering and Tenures Branch – Ken Bowen	1:250,000	Tfl_border, TFL_deletions, tenure	June 1998 [revised coverage expected October 1998]		
Season	Chittick, Canfor	Base coverage and local experience	1:30,000	Tfl_season	June 1989		
Forest Cover Classification	Bradshaw, Simon Reid Collins; MoF Standard	1995 colour photos, 1:15,000 scale	1:5,000	TFL_forest	Preliminary – August 1997 / Final – June 1998		Preliminary – January 1998
Forest Inventory	Bradshaw, Simon Reid Collins; Grundison, Timberline; MoF Standard	1500 sample plots	N/A	Mens_sample	Preliminary – August 1997 / Final – June 1998	Preliminary – March 1998	

¹ All coverage's are resolved to Canfor's Base that is controlled to TRIM - NAD 83

Inventory Item	Status and Classification Standard	Data Source	Effective Scale	GIS Coverage ¹	Completed/Updated	Agency Acceptance
Ecosystem Classification	Green, BA Blackwell; TEM Standards	1995 color photos, 1:15,000 scale	1:5,000	TFL_terrain	Preliminary – June 1997 / Final – March 1999	Preliminary - May 1998
Ecosystem Sampling	Green, BA Blackwell; TEM Standards	4500 sample plots	N/A	Eco_samples	Preliminary – June 1997 / Final – March 1999	
Bedrock/Geology	Holden, Canfor	Ministry of Employment and Investment, Energy and Minerals Division	1:250,000	Tfl_bedrock_l, tfl_bedrock_m		
Terrain Classification	Lewis, Consulting, Level C; RIC Standards	1995 color photos, 1:15,000 scale	1:5,000	TFL_terrain	Preliminary – June 1997 / Final – March 1999	Preliminary – August 1997
Slides	Frank, Shelterwood;	1995 color photos, 1:15,000 scale	1:5,000	Slides	November 1996	
Avalanche	Green, BA Blackwell; TEM Standards	Ecosystem Classification coverage	1:5,000	TFL_terrain	Preliminary – June 1997 / Final – March 1999	Preliminary - May 1998
Technical Operability	Chittick, Canfor; developed from several coverages	Digital coverages and local experience	1:20,000	TFL_operab	September 1997	January 1998
Physical Operability	Chittick, Canfor; developed from several coverages	Digital coverages and local experience	1:20,000	TFL_operab	September 1997	January 1998
Economic Operability	Bryant, Canfor; developed from several coverages	Digital coverages and local experience	1:20,000	TFL_forest	November 1997	January 1998
Total Chance and 20 Year Plan	Chittick, Canfor; developed from several coverages	Digital coverages and local experience	1:20,000	TFL_tchance	January 1997	
Planned Harvesting	Chittick, Canfor; developed from several coverages	Traverse notes	1:5,000	TFL_block	[October 1998]	
Past Harvesting	Ogasawara, Canfor	Forest Cover and 1:5,000 scale setting maps	1:5,000	TFL_dplan, tfl_harvest	June 1998	
Silviculture History	Barber, Canfor	Past Harvesting	1:5,000	TFL_dplan, tfl_harvest, tending	June 1998	
Trapping and Guiding Licences	Kuzenko, Canfor	MoELP				
Mineral Claims	Kuzenko, Canfor	Ministry of Employment and Investment, Energy and Minerals Division				

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Ungulate Winter and Summer Ranges	Deal, Canfor;	Digital coverages and local experience	1:5,000	TFL_wildlife	June 1998	MSc thesis accepted, 1996	
Goshawk Management Areas	Deal, Canfor;		1:5000	TFL_goshawks gos_buf	June 1998		
Owl Inventory	Matkoski; WM Resource Consulting RIC standard		1:5000	Owls95, Owls96, Owls97	1995-1997; final August 1998		
Coarse woody debris	Matkoski; WM Resource Consulting pre-RIC standards		1:5000	N/A	Field work completed in 1995		
Wildlife tree	Matkoski, pre-RIC standard		1:5000	N/A	1993-Ongoing		
Bald Eagle Nests	Deal, RIC standard		1:5000	Eagles_97	1990-1997; Final report in 1998		
Marbled Murrelet	Matkoski; WM Resource Consulting pre-RIC standards, CWS standard		1:5000	N/A	1991-1996; Field work completed in 1996		
Woodpeckers	Matkoski; WM Resource Consulting RIC standards		1:5000	Woodpeckers93 to Woodpeckers97	1993-1997; Final Report due in 1998		
Queen Charlotte Goshawk	Manning, RIC standards		1:5000	Tfl_goshawks	1996		
Songbirds	Deal, pre-RIC standards		1:5000	N/A	1993-1995; Field work complete in 1995		
Black Bears	Hamilton, MoELP		1:5000	N/A	1992-1995; Field work complete in 1995		
Bats	Grindal, Axys, RIC standards		1:5000	N/A	Field work will be complete in 1998; Final report March 1999		
Small mammals	Matkoski, pre-RIC standards		1:5000	N/A	1992-1993; Field work completed in 1993		
Fish Inventory	Deal, Canfor		Field data and digital coverages	1:10,000	N/A		[expected 2000]
Recreation Inventory	Matkoski; WM Resource Consulting		Field data and digital coverages	1:20,000	tfl_recinv		May 1995
Cave/Karst Inventory	Griffiths	Field data and digital coverages	1:10,000	Cave_area, Caves, Karst	June 1996		
Campsites	Matkoski; WM Resource Consulting	Field data and digital coverages	1:10,000	TFL_campsite	July 1997		

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Visual Landscape Inventory	Matkoski; WM Resource Consulting	Field data and digital coverages	1:20,000	TFL_visual	August 1992 [July 1997]	November 1992 [for TSA - August 1997]
Archaeological Overview Assessment	Woodside, Canfor	Archaeological Branch, Ministry of Small Business , Tourism and Culture	1:50,000	tfl_arch_sens		
Archaeological Sites	Matkoski; WM Resource Consulting	Archaeological Branch, Ministry of Small Business , Tourism and Culture	1:50,000	Arc_site		
Research Plots	Bryant, Canfor	Field maps at 1:5,000 to 1:30,000 scale	1:10,000	TFL_researchp	September 1994 [December 1998]	