

FMAHOLDER	LOCATION	SPECIES	ACTIVITY	REMARKS	DATE	NUMBER
Abitibi-Price, Iroquois Falls	Camp 33	Black spruce	Planted- containers	Area whole-tree harvested , no site preparation, then planted with paper pots 1981. N.B. no slash.	15/08/1981	1
Abitibi-Price, Iroquois Falls	Camp 33	Black spruce	Plantation	Area harvested 1977, bladed in winter 1978, planted with 2+0 black spruce 1979. Trees are 3 yrs old. Person George Stanclik.	15/08/1981	2
Abitibi-Price, Iroquois Falls	Camp 33	Black spruce	Harvesting	John Deere skidder equipped with United wide tires to minimize rutting in organic soils in frost-free season. N.B. lack of ruts & slash.	15/09/1981	3
Abitibi-Price, Iroquois Falls	Camp 33	Black spruce	Harvesting	no rutting.	15/09/1981	4
Abitibi-Price, Iroquois falls	Camp 33	Black spruce	Harvesting	Liebherr feller-buncher in operation on organic soil. N.B.wide track	15/09/1981	5
Abitibi-Price, Iroquois falls	Camp 33	Black spruce	Harvesting	View of Liebherr feller-buncher. N.B. wide track	15/09/1981	6
Abitibi-Price, Iroquois Falls	Camp 33	Black spruce	Harvesting	View of cutting heqads on Liebherr feller-buncher.	15/09/1981	7
Abitibi-Price, Iroquois Falls	Camp 33	Black spruce	Harvesting	View of Liebherr feller buncher moving into black spruce on organic soil. N.B. lack of disturbance due to wide track	15/09/1981	8
Abitibi-Price, Iroquois falls	Camp 33	Black spruce	Harvesting	View of ground surface on organic soil after pass by Liebherr feller-buncher. N.B. lack of disturbance	15/09/1981	9
Abitibi-Price, Iroquois falls	Camp 33	Black spruce	Stand	140 yr old black spruce on shallow(telluric peat). SC II+. N.B. deadstems and opening up of stand.	15/09/1981	10
Avenor	English river	Jack pine	Site preparation	View of site prepared cutover	15/08/1981	11
Avenor	English River	Jack pine	Wildlife value	"easy" approach.	15/08/1981	12
Avenor	English river	Jack pine	Wildlife value.	View fom clearcut to lake. cf #12.	15/08/1981	13
Avenor	English River	Jack pine	Wildlife value	View in clearcut to shoreline re waterfowl landing "approach". N.B. gentle slope and surface organic intact no erosion.	15/08/1981	14
Avenor	English River	Jack pine	Site preparation	View of site repared cutover for natural seeding of jack pine	15/08/1981	15
Avenor	English River	Jack pine	Regeneration	Natural regeneration of jack pine(1 yr) after site preparation (cf #15).	15/08/1981	16
E.B.Eddy, Lower Spanish	Rose Lake	Jack pine	Clearcut 1980-81	Cutover to be site prepared for planting 1982. Person is Harry Pearce	15/09/1981	17
E.B.Eddy, Lower Spanish	Kettle Lake road	Jack pine- white spruce	Harvesting	Skidding logs. N.B. wildlife corridor with considrable white spruce.	15/09/1981	18
E.B.Eddy, Lower Spanish		Jack pine	Site preparation	Cutover site prepared with Young's teeth ready for planting 1982.	15/09/1981	19
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	of rutting	15/09/1981	20
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Cutover where skidder with Rolligon tires has made 6 passes on the same area. N.B. lacof disturbance and water on peat soil.	15/09/1981	21
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Cutover where skidder had conventional 24" tires after 2 passes. cf. #20. N.B. rut and water. Person is N.Vardar.	15/09/1981	22
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	area. N.B. Ruts	15/09/1981	23
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Cutover where conventional skidders(narrow tires)were used in winterN.B. lack of surface rutting in organic peat soil, cf. #20,21,22,23	15/09/1981	24
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Cutover where skidders were equipped with Rolligon tires & operated in frost-free season. N.B. no rutting. Person is Garn Bell.	15/09/1981	25

Spruce falls	Gordon Cosens	Black spruce	Skidder	Timberjack skidder equipped with Firestone 43" tires for operation on organic peats in frost-free season	15/09/1981	26
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Skidder equipped with Rolligon tires on peat soils in frost-free season	15/09/1981	27
Spruce Falls	Gordin Cosens	Black spruce	Regeneration	Bull rsuhes invading black spruce cutover on deep peats,harvested infrost-free period. person is Al Peacock.	15/09/1981	28
Spruce falls	Gordon Cosens	Black spruce	Regeneration	Natural black spruce -1 yr.old - in moss on cutover on peat soil.	15/09/1981	29
Spruce Falls	Grdon Cosens	Black spruce	Harvested	Cutover where skidder was equipped with Rolligon tires on peat soil in frost-free season. person is N.Vardar.	15/09/1981	30
Spruce falls	Gordon Cosens	Black spruce	Seeding	Black spruce seeded thencovered with plastic"greenhouse"to improve germination and early growth.	15/09/1981	31
Spruce Falls	Gordon Cosens	Black spruce	Regeneration	greenhouse.	15/09/1981	32
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	John deere skidder equipped with Rolligon tires	15/09/1981	33
E.B.Eddy	Lower Spanish	Jack pine	Regeneration	Jack pine seeded on cutover in 1974, now after 8 yrs.	15/06/1982	34
E.B.Eddy	Upper Spanish	Jack pine	Logs	Log deck of jack pine 72 yr.old Harvested 1981.N.B. fluting on buttsfrom Cronartium comptoneae(sweet fern blister rust)	15/06/1982	35
E.B.Eddy	Upper Spanish, Hwy 144	Jack pine	Harvest design	Chevron clearcuts along Hwy #144 to provide more "aesthetic" view totraffic. Harevesting was in 1973(9yrs earlier than photo)	15/06/1982	36
E.B.Eddy	Upper Spanish	Jack pine	seedlings	Container seedlings of 1+0 jack pine ready for planting.	15/06/1982	37
E.B.Eddy	Upper Spanish, Vrooman Twp	Jack pine	Thinning-Pre commercial	Area clearcut 1964, aerially seeded 1965. pre-commercially thinned in 1980 to 100 stems/acre(250/ha). persons are Jim Waddell & Dennis Brophy.	15/06/1982	38
E.B.Eddy	Upper Spanish, Inverary Twp	Jack pine	Road reserve	Reserve blew down 1976. Then cut 1977 and planted with jack pine in 1979(Ontario tubes), now 3 yrs. later.	15/06/1982	39
E.B.Eddy	Upper Spanish	Jack pine	Regeneration	Natural regeneration 3-6yrs old after clearcut.	15/06/1982	40
E.B.Eddy	Lower Spanish, Cartier	Jack pine	Access	FMA road crossing river.	15/10/1982	41
E.B.Eddy	Lower Spanish, Cartier	Jack pine	Access	New FMA road with bridge crossing river.	15/10/1982	42
Abitibi-Price	Iroquois Falls	Black spruce	Stand history	Black spruce @ 90 yrs.(fire origin). Slide #43a shows stand after ground fire ca. 40 yrs earlier. slide # 43b is part of stand that escaped ground fire. N.B. differences in ground cover & diameters. Persons are Rod Gemmel & Rob Arnup	15/09/1982	43
Abitibi-Price	Iroquois Falls	Black spruce	Stand - crowns	Vigorous black spruce 90 yrs. N.B/ shape and length of live crown. cf. slide #43	15/09/1982	44
Abitibi-Price	Iroquois Falls	Black spruce	Soil profile	Humo-ferric podzol under black spruce stand cf Slides # 43 & 44.	15/09/1982	45
Abitibi-Price	Iroquois Falls	Black spruce	Stand	mushrooms.	15/09/1982	46
Abitibi-Price	Iroquois Falls	Black spruce	Bog landscape	Fen bog general view	15/09/1982	47
Abitibi-Price	Iroquois Falls	Jack pine-black spruce	Stand	general view of fire origin jack pine/spruce stand. N.B. form ofjackpine crowns.	15/09/1982	48
Abitibi-Price	Iroquois Falls	Poplar-aspen	Landscape	General view of stand edge from fen bog. N.B. pitcher plant flowers in foreground.	15/09/1982	49
Abitibi-Price	Iroquois Falls	Black spruce	Log dump	Black spruce in main log dump-50 thousand cunits(142 thousand cu.m.)	15/09/1982	50
Abitibi-Price	Iroquois Falls	Black spruce	herbicide	one yr. later.	15/09/1982	51
Abitibi-Price	Iroquois Falls, Camp 33	Black spruce	Regeneration	Paper pot black spruce planted 1978 after 4 yrs.large to small.Kent Virgo holding samples. Cf slide # 53	15/09/1982	52

Abitibi-Price	Iroquois Falls, Camp 33	Black spruce	Plantation	Black spruce 3+0 planted in 1978 on winter-bladed cutover.at 4yrs.Cfslide #52 of paper pots on same area	15/09/1982	53
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Aerial view of skidders with Rolligon tires on organic soils.	15/09/1982	54
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Aerial view of skidders with Rolligon tires operating on organic soils in frost-free season. N.B. lack of ruts	15/09/1982	55
Avenor	English River, Camp 328	Jack pine	Clearcut blocks	Aerial view of clearcut blocks. N.B. well-designed roads, shoreline buffers and distribution of cuts in relation to second cut later on.	15/10/1982	56
Avenor	Megikans River	Jack pine-spruce	Clearcuts-wildlife	Aerial view of cut blocks patterns and major wildlife corridor with buffers.	15/10/1982	57
Avenor	English River, Ignace/Dollar lake	Jack pine	Clearcut	Alternating clearcut blocks on lake	15/10/1982	58
Spruce Falls	Gordon Cosens	Boreal forest	Landscape	Aerial view of mosaic pattern of fire origin boreal forest. N.B. thepoplar clones and old winter road(diagonal)	15/06/1982	59
Spruce Falls	Gordon Cosens	Black spruce	Group seed trees	Aerial view of group seed tree cutting for natural regeneration	15/06/1982	60
Spruce Falls	Gordon Cosens, Hearst area	Black spruce	Site preparation	Winter blading (2 passes) on organic soils for spring planting.	15/02/1983	61
Spruce Falls	Gordon Cosens	Black spruce	Site preparation	vegetation	15/07/1981	62
FMA title slide					15/06/1981	63
Spruce Falls,	Gordon Cosens	Black spruce-balsam fir	Cutover - old	Aerial view of old(ca.15yrs) cutover. N.B. black spruce regenerationand dead poplar & balsam fir(due to budworm).	15/08/1983	64
Spruce Falls	Gordon Cosens, Torrance Twp	Black spruce	Plantation	Black spruce planted 1976, after prescribed burn. Herbicided. Now at7yrs old.	15/08/1983	65
Spruce Falls	Gordon Cosens, Torrance Twp	Black spruce	Plantation	Virgo(red hat),Harry Smith(yellow hat facing thro'treeN.B. Group of academics sponsored by MNR(KAA)	15/08/1983	66
Spruce Falls	Gordon Cosens	Black spruce	Site preparation	Aerial view of shearblading(winter 1983) in preparation for planting	15/08/1983	67
Spruce Falls	Gordon Cosens	Black spruce	Site preparation	Ground view of area cut 1982, winter shearbladed 1983. This is the ground view of aerial viewed slide #67. N.B amount of ground vegetation.	15/08/1983	68
Spruce Falls	Gordon Cosens	Black spruce	Regeneration	Aerial view of 30 yr. old cutover. N.B. Regenerated forest and the old strip roads.	15/08/1983	69
Spruce Falls	Gordon Cosens	Black spruce	Clearcut	Current clearcut being harvested with wide tire skidders. N.B. treesleft as seed source & minimal slash and disturbance.	15/08/1983	70
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	disturbance.	15/08/1983	71
Spruce Falls	Gordon Cosens	Black spruce	Harvesting	Aerial view of Drott feller-buncher operating in black spruce. N.B. harvest pattern.	15/08/1983	72
Abitibi-Price	Iroquois Falls	White spruce	Plantation	74	15/07/1983	73
Abitibi-Price	Iroquois Falls	White spruce	Plantation	White spruce planted 1981, at 2 yrs. No herbicide, cf. slide #72	15/07/1983	74
Abitibi-Price	Iroquois Falls	White spruce	Plantation	Cutover bladed winter 1981, planted 1981 and herbicided with Roundup now 2yrs old. N.B. vigorous growth. cf slide # 75	15/07/1983	75
Abitibi-Price	Iroquois Falls	White spruce	Plantation	White spruce planted 1981 after winter shear blading. No Roundup.cf.slide #75	15/07/1983	76
Abitibi-Price	Iroquois Falls		Access	Bridge built with all local materials.	15/07/1983	77
Abitibi-Price	Iroquois Falls	Black spruce	Planting	Planting in upland mixedwood after conifers have been harvested. N.B amount of residual poplar.	15/06/1983	78
Abitibi-Price	Iroquois Falls	Black spruce	Harvesting	Whole tree harvesting in 85yr black spruce. SC II+, telluric site	15/06/1983	79

Abitibi-Price	Iroquois Falls	Black spruce	Harvesting	Harvested log from stand cf. slide # 79. Person is Rod Gemmell.	15/06/1983	80
Abitibi-Price	Iroquois Falls	Black spruce	Landscape	Aerial view of cutovers, Camp 33.	15/06/1983	81
Abitibi-Price	Iroquois Falls	Black spruce	Clearcuts- strip	Aerial view of strip clearcuts in black spruce	15/06/1983	82
Abitibi-Price	Iroquois Falls	Black spruce	Clearcut-strips	Aerial view of strip clearcuts.	15/06/1983	83
Abitibi-Price	Iroquois Falls	Black spruce	Plantation	Aerial view of cutover, shear bladed and planted 1982-83.	15/06/1983	84
E.B.Eddy	Upper Spanish, Ramsey		Town site	Aerial view of Ramsey depot.	15/06/1983	85
E.B.Eddy	Upper Spanish	Jack pine	Thinning	Aerial view of 15 yr old jack pre-commercially thinned 1983. cf.slide # 87 Precommercially thinned 15 yr-old jack pine, from seeding. Persons are Dave Cope(beard) & Jim Waddell. cf. slide # 86	15/06/1983	86
E.B.Eddy	Upper Spanish	Jack pine	Thinning		15/06/1983	87
E.B.Eddy	Upper Spanish	Poplar	Clones	Aerial view of poplar which shows clonal/species differences.	15/06/1983	88
E.B.Eddy	Upper Spanish	Poplar	Conversion	Aerial view of cutover with high poplar content.Poplars being felledand then site preparation to plant jack pine. Very high cost \$150/ac	15/06/1983	89
Avenor	English River	Jack pine-spruce	Landscape	Aerial view of cutovers, some regenerated.	15/08/1983	90
Avenor	English River	Black spruce	Improvement	Black spruce seed orchard. Persons are Bob Carman & Bruce Ferguson.	15/08/1983	91
Avenor	English River		Site preparation	Modigied Koehring harvester converted to site preparation by Avenor	15/08/1983	92
Abitibi-Price	Spruce River	Black spruce	Cutovers	Aerial view of current cutovers, N.B. residual poplar stands	15/08/1983	93
Abitibi-Price	Spruce River	Black spruce	Plantation	Carman(red hat)	15/08/1983	94
Abitibi-Price	Spruce River, Wolfe River	Black spruce	Plantation	Black spruce paper pot planted 1982 after 1 yr. N.B. lush vegetation	15/08/1983	95
Abitibi-Price	Spruce River, Wolfe river	Black spruce	Plantation	Black spruce planted 1976 after prescribed burn. at 7yrs old.Personsare Roy Klein(red hat) and Wayne Nakamura(green hat).	15/08/1983	96
Avenor	English River, Sioux Lookout	Black spruce-jack pine	Landscape	Aerial view of forest, clearcuts and lakes.N.B. relative% land/water	15/08/1984	97
Avenor	Dog River, Mattawin	Jack pine	Site preparation	slash.	15/09/1985	98
Spruce Falls	Gordon Cosens	Black spruce	Skidders	Aerial view of skidder camp. N.B. array of wide tired skidders.	15/06/1985	99
Spruce Falls	Gordon Cosens	Black spruce	Clearcuts	Aerial view of cutovers. N.B. reserves on water bodies	15/06/1985	100
Spruce Falls	Gordon Cosens		Kapuskasing	Aerial view of mill and town of Kapuskasing.	15/06/1985	101
E.B.Eddy	Lower Spanish		Nairn sawmill	Lumber yard and crane.	15/06/1985	102
E.B.Eddy	Upper Spanish		FMA sign	This was the sign we(MNR) produced to my design for the first FMA companies.	15/06/1985	103
E.B.Eddy	Upper Spanish	Moose	Wildlife	Young moose on access Rd.	15/06/1985	104
E.B.Eddy	Upper Spanish	Jack pine	Regeneration	"organic"	15/06/1985	105
E.B.Eddy	Upper Spanish		Durban airstrip	Durban airstrip was put in to facilitate spraying with Bacillus thuringiensis (Bt) for control of jack pine budworm.	15/06/1985	106
E.B.Eddy	Upper Spanish	Jack Pine	Site preparation	Stand heavy to residual poplar being site prepared for planting withjack pine. Cost was very high.	15/06/1985	107
E.B.Eddy, Upper Spanish	Ivy Twp. Camp 12	Jack pine	Regeneration	Area cut 1980, planted 1982 with 2+0 jack pine, herbicided 1984. Photo June 1985. person is Jim Waddell. N.B. Unaffected poplar etc	15/06/1985	108

Great Lakes Forest Products	Dog River - Mattawin		Site preparation	seeding jack pine.	15/06/1986	109
Great Lakes Forest Products	Dog River - Mattawin		Site preparati	Four-headed power scarifier developed by GLFP to planting or seed jack pine.	15/06/1986	110
Great Lakes Forest Products	Dog River - Mattawin	Jack pine	Site preparation	Power headed scarifier in operation.	15/06/1986	111
Spruce Falls P&P	Gordon Cosens Forest	Black spruce	100 Millionth tree	MNR Minister Vince Kerrio and SFP&P President Fred Campling(#112a), and with Ivan Sachs(112b) at celebration of planting 100 million trees	15/09/1987	112
Spruce Falls Power & Paper	Gordon Cosens Forest	Black spruce	Planting	MNR Minister Vince Kerrio and SFP&P President Fred Campling celebrating the 100millionth tree	15/09/1987	113
Spruce Falls Power & Paper	Gordon Cosens Forest	Black spruce	Planting	MNR Minister Vince Kerrio and SFP&P President Fred Campling with the100 100millionth tree	15/09/1987	114
Spruce Falls Power & Paper	Gordon Cosens Forest, Chain-of-lakes		Landscape -esker	Aerial view of esker, Chain-of-lakes	15/09/1987	115
Spruce Falls Power & Paper	Gordon Cosens Forest	Black spruce	"New" forest	Aerial view of old cutover(1950's) with "new" 30+yr old black spruceforest. N.B. evidenc of old strips	15/11/1987	116
Spruce Falls Power & Paper	Gordon Cosens Forest	Black spruce	Landscape	Aerial view of are cut 1950's now regenrated to "new" black spruce forest.	15/11/1987	117
Spruce Falls power & Paper	Gordon Cosens Forest	Black spruce	Site preparation	Winter shear bladed and planted area in cutover.	15/11/1987	118
Spruce Falls Power & Paper	Gordon Cosens Forest, Teetzel Twp	Black spruce	Plantation	Plantation of black spruce planted 1986, photo1987 after two seasons	15/11/1987	119
Pineland	Chapleau, Oates Twp	Jack pine	Plantation	Intensive Forest Management (IFM) with jack pine planted 1986, photo1987	15/11/1987	120
Boise-Cascade	Seine	White spruce	Plantation	White spruce planted 1971, herbicided with Vision in 1986. Photo in October 1989. person is John Bagacki	15/10/1989	121
Boise-Cascade	Seine, south Dryberry Lake	Jack pine	Seeding	Use of Zircon tubes to hasten germination and growth of seeded jack pine. Person is Paul Jewiss	15/10/1989	122
Boise-Cascade	Seine Forest, Dirty water	Jack pine	Tree improvement	Family test site established by MNR on Seine FMA.	15/10/1989	123
Boise-Cascade	Lake of the Woods		Landscape	Aerial view of Lake of the Woods.	15/10/1989	124
Boise-Cascade	Lake of the Woods	Jack pine	Seeding	1987.	15/10/1989	125
Boise Cascade	Lake of the Woods	Jack pine	Plantation	Aerial view of jack pine planted 1984, in Ocgtober 1989.	15/10/1989	126
Boise Cascade	Lake of the Woods	Balsam fir	Budworm	Aerial view of budworm-killed balsam fir.	15/10/1989	127
Boise Cascade	Lake of the Woods	Jack pine-balsam fir	Budworm	Aerial view of budworm kill in balsam fir/overmature jack pine	15/10/1989	128
Boise Cascade	Lake of the Woods		Two foresters	photo	15/10/1989	129
Boise Cascade	Lake of the Woods		improvement	Aerial view of seed orchard at Ulster Lake.	15/10/1989	130
Boise Cascade	Lake of the Woods	Jack pine	Seeding - Hakmet cone	Jack pine seeded 1986 then Hakmet cone placed over to create more heat for germination & growth. Photo October 1989 after two seasons.	15/10/1989	131
Boise Cascade	Pakwash Forest		energy	Solar and wind energy sources for remote radio repeater station	15/07/1990	132
Boise Cascade	Pakwash Forest	Jack pine	Loader	Loading 8-ft wood	15/07/1990	133
Boise Cascade	Pakwash Forest	Jack pine	area(1983)	Aerial view of old area that has had a more recent fire (1983). cf slide #135	15/07/1990	134
Boise Cascade	Pakwash Forest	Jack pine	Regeneration	Jack pine regeneration in 1990, after 1983 burn.Person is Dale Munro	15/07/1990	135
Boise Cascade	Pakwash Forest		Site preparation	TTS disk trencher.	15/11/1990	136
Boise Cascade	Pakwash Forest		Site preparation	TTS disk trencher	15/11/1990	137