ISIS POLYGON AREA *BY* SITE INDEX CLASS

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SITE PRODUCTIVITY WORKING GROUP

Acknowledgments

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Introduction

The tables in this document provide a breakdown of area by site index class for a subset of ISIS forest cover polygons. The estimates of site index are taken from the new SIBEC guide *Site Index Estimates by Site Series for Coniferous Tree Species in British Columbia*. The SIBEC guide was published by the Ministry of Forests in 1997. ISIS is the Integrated Silviculture Information System, the provincial database of information on regenerated polygons managed by the Ministry of Forests. It contains information on many areas harvested before 1987 and all areas harvested under the Small Business program. BEC is the Biogeoclimatic Ecosystem Classification system.

The following tables include the area of approximately one-third of the ISIS forest cover polygons. Only polygons where site index could be assigned from the SIBEC guide contribute to the tables.

Background

Until very recently, it was difficult to develop accurate estimates of the distribution of the site index of regenerated stands. Growth intercept and SIBEC methods to estimate site index were not available. Typically, estimates of the area of regenerated forest land by site productivity class were obtained by summing area subjectively classified as good, medium, poor, or low site quality. To obtain an estimate of area by site index class, a crude table of average site index by site class was applied to convert good, medium, poor, and low to site index. This procedure was imprecise in all cases and biased in at least some cases. As a result, it has been difficult to develop realistic perceptions of the range of site index in regenerated stands.

Purpose

Though hampered by several significant limitations, the purpose of this report is to help resource managers develop realistic expectations of the range of site index in regenerated stands. The tables in this report have many uses including:

- familiarizing silviculturists with the range of site index predicted for a portion of ISIS polygons in their operating areas
- helping define site index class midpoints appropriate for various analyses
- helping assess the applicability of published reports to local conditions.

Content

This report contains one table for each district in the province. These tables show the distribution of site quality in a portion of district ISIS polygons. Only polygons where site index could be assigned by the method described below are included in the tables.

Method

The following process was used to generate the tables in this report:

- For each forest cover polygon, the leading species in the inventory component was identified.
- The ISIS species code was converted to a SIBEC guide species code.

- The Standards Unit linked to the polygon was identified.
- The BEC classification (zone, subzone, variant, and site series) of this Standards Unit was identified.
- The average site index associated with the given region, BEC classification and leading species was looked-up in the SIBEC guide.
- If site index could be assigned to a polygon with this method, polygon area was tallied by site index class by leading species and included in the tables.

Limitations

The accuracy of the information presented in the following tables is limited by:

- the accuracy of the site index averages in the SIBEC guide
- the accuracy of the BEC classifications in ISIS
- the procedure used to match Standards Units to forest cover polygons
- the assumptions used to convert ISIS species codes to species codes recognized in the SIBEC guide.

As a result of the process used to select polygons for inclusion in the tables, the distribution of area in the tables is not a statistical sample of all ISIS polygon areas. The probability that it is not a representative sample cannot be quantified. The tables contribute to improving perceptions of regenerated stand site quality, but they should not be interpreted as portraying the distribution of area by site index class for all areas tracked in ISIS, all forested land in the district, or any other population.

Additional information

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CARIBOO FOREST REGION

CHILCOTIN FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		9	12	15	18	21
Fd	12 159.7	1 075.3	11 066.4	18.0		
Pl	41 058.2	806.3	11 154.4	23 696.7	5 389.0	11.8
Sx	540.2	37.2	280.7	195.6	26.7	
TOTAL	**53 758.1**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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HORSEFLY FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Bl	2 547.6	160.0	757.2	1 630.4			
Fd	9 151.8			592.1	456.0	3 741.9	4 361.8
Pl	19 124.7		68.9	2 281.5	7 149.8	2 964.6	6 659.9
Sx	12 642.4		7.8	617.7	1 311.5	9 831.7	873.7
TOTAL	**43 466.5**						

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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100 MILE HOUSE FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Bl	780.4	459.2	82.1	239.1			
Fd	7 402.1		862.3	4 292.1	2 042.7	71.2	133.8
Pl	13 703.1		142.4	1 063.6	11 340.8	385.1	771.2
Se	108.2			108.2			
Sx	1 072.0		13.0	69.1	6.8	897.4	85.7
TOTAL	**23 065.8**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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CARIBOO FOREST REGION

QUESNEL FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Bl	2 631.8		31.8	2 589.0	11.0		
Fd	4 565.6		5.0	333.2	3 679.6	408.1	139.7
Pl	50 435.4	2.7	840.3	9 036.5	29 134.4	10 391.7	1 029.8
Sx	14 375.7	159.4	340.0	705.8	11 165.2	1 967.9	37.4
TOTAL	**72 008.5**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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CARIBOO FOREST REGION

WILLIAMS LAKE FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Fd	51 748.6	319.9	13 070.8	29 461.7	7 782.9	1 113.3	
Pl	32 604.8	213.0	8 915.8	8 085.0	10 191.4	3 147.2	2 052.4
Sx	804.1	0.9	1.9	198.1	450.2	153.0	
TOTAL	**85 157.5**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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CLEARWATER FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		12	15	18	21	24	27
Bl	22 538.3	3 062.7	16 115.9	2 416.8	942.9		
Cw	4 599.7		2 422.8	1 956.8	220.1		
Fd	6 320.5		36.2	484.7	4 558.8	1 219.7	21.1
Hw	2 091.9		33.2	2 058.7			
Lw	1.9				1.9		
Pl	7 762.5	262.9	801.1	1 ,007.3	4 844.5	846.7	
Pw	92.4				36.6	55.8	
Se	3 825.7	69.9	3 688.5		67.3		
Sx	11 177.2	50.3	476.5	3 467.0	2 362.5	4 820.9	
TOTAL	**58 410.1**						

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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KAMLOOPS FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		9	12	15	18	21	24	27
Bl	12 682.4	81.9	6 199.5	4 393.3	1 760.4	247.3		
Cw	3 896.2		20.0	3 558.7	238.5	79.0		
Fd	31 875.1	12.1	1 939.3	20 237.3	3 835.0	5 418.1	333.3	100.0
Hw	455.8				455.8			
Pl	17 602.0		152.6	6 632.2	6 711.5	3 977.1	128.6	
Pw	28.6					13.0	15.6	
Py	606.4	47.0	156.0	403.4				
Se	2 592.4		1 112.2	1 480.2				
Sx	2 499.9		254.7	732.1	1 048.4	208.3	256.4	
TOTAL	**72 238.8**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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LILLOOET FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Ba	73.6			73.6			
Bl	1 525.1	70.0	699.7	587.9	167.5		
Cw	52.2			52.2			
Fd	14 801.6		609.2	12 868.4	783.9	385.5	154.6
Pl	6 859.1		124.7	3 034.2	3 457.0	243.2	
Py	217.9		138.7	50.9	24.7		3.6
Se	1 416.4		539.7	849.9	26.8		
Sx	480.2		51.3	314.2	79.1	35.6	
TOTAL	**25 426.1**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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MERRITT FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		9	12	15	18	21
Bl	4 180.7	39.0	2 230.8	1 653.9	257.0	
Fd	27 894.7		755.8	22 343.5	3 999.8	795.6
Pl	29 724.4	67.8	75.0	12 317.4	15 954.2	1 310.0
Py	678.4		328.1	333.3	17.0	
Se	1 143.2	17.2	459.9	638.4	27.7	
Sx	1 309.6		228.3	831.0	246.7	3.6
TOTAL	**64 931.0**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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PENTICTON FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Bl	5 312.1	88.8	3 318.9	1 047.9	846.0	10.5	
Cw	34.8			6.9	27.9		
Fd	5 456.0		162.0	3 390.7	1 490.4	398.4	14.5
Lw	1 487.4			120.8	708.8	657.8	
Pl	36 701.8	38.7	594.7	7 424.5	11 129.2	17 178.1	336.6
Py	452.1			275.0	172.9	4.2	
Se	2 424.7	94.3	2 203.4	127.0			
Sx	1 844.8		19.8	1 185.9	616.1	18.0	5.0
TOTAL	**53 713.7**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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SALMON ARM FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		9	12	15	18	21	24	27
Bl	4 254.2	26.5	1 323.5	2 041.4	544.4	318.4		
Cw	4 553.6			805.0	3 085.7	656.9		6.0
Fd	7 063.6			138.0	231.7	3 004.2	3 556.1	133.6
Hw	2 715.7			115.9	2 564.1	35.7		
Lw	84.8					3.2	81.6	
Pl	5 243.8			569.1	1 342.6	2 448.8	883.3	
Pw	37.0						37.0	
Py	130.6		80.4	30.2	20.0			
Se	2 721.5	55.0	338.4	2 209.9	59.1	59.1		
Sx	5 512.6			32.4	1 291.8	517.5	3 670.9	
TOTAL	**32 317.4**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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VERNON FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		9	12	15	18	21	24	27
Bl	11 195.7	47.3	4 932.1	2 589.0	2 991.4	635.9		
Cw	3 009.5		18.0	270.5	2 517.0	115.0		89.0
Fd	3 575.9			747.2	1 081.3	1 010.3	720.1	17.0
Hw	864.1			15.0	809.1	40.0		
Lw	386.8					38.4	348.4	
Pl	15 347.1		158.1	1 736.5	2 624.9	8 630.5	2 194.1	3.0
Pw	6.0						6.0	
Py	22.9			17.0		5.9		
Se	724.3		242.2	482.1				
Sx	2 827.4		79.4	433.0	1 651.7	149.6	513.7	
TOTAL	**37 959.7**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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NELSON FOREST REGION

ARROW FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		15	18	21	24	27
Bg	164.2		82.1	82.1		
Bl	7 278.9	3 022.5	4 219.1	37.3		
Cw	2 177.4	440.6	1 736.8			
Fd	6 209.4	38.0		2 419.6	3 360.7	391.1
Hw	2 849.9	138.8	2 685.1	26.0		
Lw	826.1			31.6	778.3	16.2
Pl	2 851.4		470.7	1 134.4	1 246.3	
Pw	31.0				31.0	
Py	107.2			53.6	53.6	
Se	2 961.4	165.0	2 380.9	415.5		
Sx	741.9	20.6	398.0	7.6	315.7	
TOTAL	**26 198.8**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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BOUNDARY FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		9	12	15	18	21	24	27
Bl	980.7	37.0	306.0	102.0	469.7	66.0		
Cw	364.7		44.0	132.2	171.8	16.7		
Fd	4 527.7		78.1	718.9	3 031.9	344.1	232.2	122.5
Hw	59.0			10.0	49.0			
Lw	885.6			179.5	197.5	349.6	157.0	2.0
Pl	4 557.1	16.0	158.4	1 074.4	442.3	2 166.2	699.8	
Pw	93.0						93.0	
Py	172.0				172.0			
Se	310.3	5.0	292.3		13.0			
Sx	258.5			25.5	233.0			
TOTAL	**12 208.6**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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NELSON FOREST REGION

COLUMBIA FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		9	12	15	18	21	24	27
Bl	2 313.0		731.3	767.0	735.3	79.4		
Cw	6 672.0			520.7	5 254.5	896.8		
Fd	6 874.6			44.1	359.9	2 557.5	3 784.6	128.5
Hm	184.1	6.9	177.2					
Hw	1 927.8			83.3	1 844.5			
Lw	8.0						8.0	
Pl	6 942.7			160.0	1 758.9	1 001.4	4 022.4	
Pw	73.0						73.0	
Se	5 284.5		439.6	3 879.3	864.6	101.0		
Sx	450.2				125.1	213.5	111.6	
TOTAL	**30 729.9**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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CRANBROOK FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		12	15	18	21	24	27
Bl	25 950.4	4 953.8	18 877.7	1 838.4	246.7	33.8	
Cw	646.8	44.3	82.9	511.9			7.7
Fd	18 731.5		12 353.9	5 067.5	1 116.9	193.2	
Hw	279.4		7.2	272.2			
Lw	4 545.3		34.6	2 409.6	881.1	1 220.0	
Pa	2.0		2.0				
Pl	28 094.0	3.1	986.5	24 185.5	1 745.7	1 173.2	
Pw	4.8					4.8	
Py	3 318.8		2 005.9	1 312.9			
Se	3 103.9	600.6	2 389.5	113.8			
Sx	2 408.1		103.3	2 014.5	93.1	197.2	
TOTAL	**87 085.0**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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NELSON FOREST REGION

INVERMERE FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		12	15	18	21	24
Bl	5 034.4	103.3	4 879.1	35.0	17.0	
Cw	97.0		4.0	93.0		
Fd	9 465.1		2 115.5	4 306.2	3 043.4	
Lw	1 072.2		11.9	523.5	498.8	38.0
Pa	93.5		93.5			
Pl	26 894.6		240.6	26 550.0	104.0	
Py	582.5		258.6	323.9		
Se	919.4	226.9	692.5			
Sx	2 303.3			2 254.7	48.6	
TOTAL	**46 462.0**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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KOOTENAY FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		12	15	18	21	24	27
Bg	266.4			133.2	133.2		
Bl	15 466.1	5 856.9	5 333.3	3 714.6	228.4	332.9	
Cw	4 923.2		777.3	3 903.7	179.2		63.0
Fd	8 733.3		81.8	45.1	3 141.9	5 274.9	189.6
Hw	5 249.6		532.4	4 593.5	123.7		
Lw	2 557.8			48.5	508.0	1 995.5	5.8
Pl	7 333.7		618.6	2 506.7	1 719.9	2 488.5	
Pw	349.9				90.2	211.5	48.2
Py	59.4				29.7	29.7	
Se	7 579.5		4 805.3	2 485.0	289.2		
Sx	2 005.1		92.6	953.9	33.7	924.9	
TOTAL	**54 524.0**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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DAWSON CREEK FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		6	9	12	15	18	21	24
Bl	3 288.5		28.9	1 146.9	1 717.1	395.6		
Lt	1.9		1.9					
Pl	18 252.0		311.8	4 478.1	5 364.2	6 952.4	1 145.5	
Sb	609.1		600.2		8.9			
Se	11.6			11.6				
Sw	9 105.9	4.0	657.1	1 694.5	5 321.3	1 429.0		
Sx	2 494.2				119.8	1 935.8	220.6	218.0
TOTAL	**33 763.2**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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FORT NELSON FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)		
		9	15	18
Pl	314.1		314.1	
Sw	23 546.3	6.2	12 108.2	11 431.9
TOTAL	**23 860.4**			

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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FORT ST. JAMES FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		9	12	15	18	21
Bl	916.6		59.9	47.3	809.4	
Fd	203.2				133.5	69.7
Pl	10 804.5	47.9	491.4	502.8	4 235.3	5 527.1
Sx	7 470.3		6.6	1 948.0	5 515.7	
TOTAL	**19 394.6**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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FORT ST. JOHN FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)			
		9	12	15	18
Pl	722.0		29.0	127.5	565.5
Sw	5 737.6	283.1	33.4	4 224.0	1 197.1
TOTAL	**6 459.6**				

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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MACKENZIE FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		6	9	12	15	18	21	24
Bl	7 274.9	10.4		3 053.7	2 532.1	1 678.7		
Pl	43 872.1		967.4	14 214.6	861.3	10 244.3	17 584.5	
Sw	438.4			275.6	162.8			
Sx	32 682.7			770.1	2 244.3	25 567.7	3 461.5	639.1
TOTAL	**84 268.1**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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PRINCE GEORGE FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		12	15	18	21	24
Bl	236.1		186.9	49.2		
Fd	356.9			262.2	94.7	
Hw	76.2		76.2			
Pl	5 989.1		27.8	800.7	5 115.6	45.0
Sx	7 298.1	112.0	314.5	6 486.4	385.2	
TOTAL	**13 956.4**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

June 18, 1998

ROBSON VALLEY FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		9	12	15	18	21	24
Bl	4 066.9		276.3	3 314.0	474.2	2.4	
Cw	1 142.5		10.0	85.6	1 046.9		
Fd	1 462.8			110.8	148.8	1 088.2	115.0
Hw	354.7			207.4	147.3		
Pl	4 784.9	25.0	264.9	996.7	1 413.8	2 049.4	35.1
Sx	6 284.8		17.2	270.9	565.9	5 257.5	173.3
TOTAL	**18 096.6**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		12	15	18	21	24
Bl	2 083.9	458.9	1 554.9	70.1		
Fd	345.2		90.5	254.7		
Pl	71 567.1	1 198.6	18 511.9	48 255.3	3 509.3	92.0
Sb	6.6	6.6				
Sx	9 469.2	929.8	4 729.2	3 496.1	314.1	
TOTAL	**83 472.0**					

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

June 18, 1998

BULKLEY–CASSIAR FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)								
		9	12	15	16	18	20	21	24	28
Ba	14.4						14.4			
Bl	2 323.3		1 128.9	521.2		657.2		16.0		
Hw	30.6					27.0	3.6			
Pl	6 224.4	130.0	2 088.5	123.3	16.9	2 810.5		1 055.2		
Sb	44.0	44.0								
Sw	204.9	11.7	100.0	93.2						
Sx	4 031.4		854.1			2 180.4	135.6	755.3	100.3	5.7
TOTAL	**12 873.0**									

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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KALUM FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)									
		8	12	15	16	18	20	21	24	28	32
Ba	4 186.8		56.7				3 731.4		336.2	62.5	
Bl	975.8			53.4		839.8		82.6			
Cw	764.9	9.4		4.4	322.5		368.3		60.3		
Hw	29 076.0		45.5	3 502.4	1 032.7	168.8	19 361.3		4 378.1	587.2	
Pl	4 903.8		31.6	405.6		64.0	1 030.3	3 214.2	158.1		
Sx	3 691.6				3.6	242.5	1 627.7	893.2	397.1	346.2	181.3
TOTAL	**43 598.9**										

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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KISPIOX FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)					
		12	15	18	20	21	24
Bl	1 440.3	706.1		714.7		19.5	
Cw	456.5		438.5	18.0			
Hw	10 394.3	370.3	9 554.0	180.5	289.5		
Pl	11 331.6	208.6	531.7	1 460.2	2.9	9 101.8	26.4
Sx	10 807.9	12.3		16.9	62.2	10 338.1	378.4
TOTAL	**34 430.6**						

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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LAKES FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)			
		12	15	18	21
Bl	2 458.5	169.4	1 916.8	372.3	
Pl	73 727.1	1 047.8	7 652.5	54 264.9	10 761.9
Se	4.8	4.8			
Sx	11 356.8	463.9	352.2	6 918.4	3 622.3
TOTAL	**87 547.2**				

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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MORICE FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)				
		9	12	15	18	21
Bl	1 566.7	4.8	43.0	1 241.0	277.9	
Pl	57 566.4		8 525.5	977.5	40 731.3	7 332.1
Sx	22 826.1		5 299.9	28.6	9 376.5	8 121.1
TOTAL	**81 959.2**					

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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NORTH COAST FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		8	12	16	20	24	28	32
Ba	694.0			100.0		522.7	71.3	
Cw	821.6	1.9		440.7	111.6	267.4		
Hw	17 508.4		14.6	344.2	3 635.5	11 817.6	1 696.5	
Pl	2.0				2.0			
Ss	2 259.1			262.9		904.0	760.9	331.3
Yc	1.4		1.4					
TOTAL	**21 286.5**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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CAMPBELL RIVER FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		16	20	24	28	32	36	40
Ba	123.0			20.8	102.2			
Bg	1.4							1.4
Cw	77.3	4.3	8.0	65.0				
Fd	393.0			15.8		167.9	181.7	27.6
Hw	742.6				728.6	14.0		
Yc	11.6		11.6					
TOTAL	**1 348.9**							

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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CHILLIWACK FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)								
		8	12	16	20	24	28	32	36	40
Ba	4 811.3	221.6	1 087.3	2 248.8	576.9	520.1	156.6			
Bg	7.1									7.1
Cw	698.2		53.3	44.4	224.6	270.6	48.2	57.1		
Fd	3 903.7	63.9	408.8	781.1		262.8	1 323.0	422.6	534.9	106.6
Hm	32.7			32.7						
Hw	3 369.0	106.2		939.9	21.2	2 113.5	158.9	29.3		
Pl	110.9		2.5	108.4						
Ss	27.0					27.0				
Yc	29.7			21.7		8.0				
TOTAL	**12 989.6**									

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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MID-COAST FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)							
		8	12	16	20	24	28	32	36
Ba	696.5			274.7	159.3	198.2	64.3		
Cw	2 004.6	18.0	454.2	591.4	501.4	435.7	3.9		
Fd	1 822.5		41.0	242.7	20.0	1 023.4	444.1		51.3
Hw	8 997.7	31.0	261.0	1 970.4	2 267.1	3 206.2	1 205.0	57.0	
Pl	7.0			7.0					
Ss	884.1				5.4	520.8	297.1	60.8	
Sx	18.4				18.4				
TOTAL	**14 430.8**								

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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PORT MCNEILL FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)						
		8	12	16	20	24	28	32
Ba	284.1				14.1	129.7	140.3	
Cw	7 406.6	580.4	22.3	3 754.0	33.6	3 016.3		
Fd	645.7	29.0	6.0	77.0			228.0	305.7
Hw	11 407.4	184.1	59.0	5 756.7	118.0	2 484.4	2 765.1	40.1
Ss	292.4					264.5	23.0	4.9
Yc	19.2					19.2		
TOTAL	**20 055.4**							

1 The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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QUEEN CHARLOTTE ISLANDS FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)							
		8	12	16	20	24	28	32	36
Cw	206.3	29.0	99.0	74.3	3.0	1.0			
Hw	11 396.5			302.5	1 740.9	8 649.2	703.9		
Ss	4 050.5				599.9	188.0	247.0	2 649.2	366.4
TOTAL	**15 653.3**								

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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SOUTH ISLAND FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)							
		8	12	16	20	24	28	32	36
Ba	244.5				56.0	38.5	150.0		
Cw	1 873.6	118.7	1.5	672.3	60.1	1 020.6	0.4		
Fd	1 797.4		51.3	175.2	108.3	399.8	253.6	596.1	213.1
Hw	6 162.3	134.0		3 288.0		883.2	1 837.7	19.4	
Pl	118.2			104.2	14.0				
Ss	36.7				6.8	10.0	19.9		
Yc	36.8				36.8				
TOTAL	**10 269.5**								

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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SQUAMISH FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)											
		8	12	15	16	18	20	24	27	28	32	36	40
Ba	11 083.2	186.5	1 292.0	148.4	5 594.1	22.3	1 110.5	764.8		1 964.6			
Bl	45.4		30.0	15.4									
Cw	5 791.2	146.0	1 107.4	303.9	653.7		1 948.0	1 482.2	12.0	84.4	53.6		
Fd	22 408.6	162.0	755.6		5 472.3	956.1		10 270.1	9.9	2 967.0	1 085.9	674.7	55.0
Hm	156.5		24.5		132.0								
Hw	9 149.9	387.0			3 067.1		518.0	3 125.5		1 903.9	148.4		
Pl	483.4		79.3		254.4	82.7	41.0	26.0					
Py	28.2					21.2		7.0					
Se	124.0		9.0	115.0									
Ss	16.0							10.0		6.0			
Yc	174.8				52.0		106.7	16.1					
TOTAL	**49 461.2**												

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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SUNSHINE COAST FOREST DISTRICT

Area (in hectares)[1] of some ISIS forest cover polygons by SIBEC guide site index, by polygon leading species

Leading species	Total area	Site index (m at 50 years bh age)								
		8	12	16	20	24	28	32	36	40
Ba	7 226.3	187.1	1 604.9	54.0	323.0	399.2	4 658.1			
Cw	1 583.8			105.7	532.8	634.0	237.1	74.2		
Fd	5 045.9	18.0		184.5	105.0	927.0	399.5	2 276.6	1 003.0	132.3
Hm	162.5			162.5						
Hw	6 682.0	31.4		846.7		1 388.3	4 005.1	410.5		
Pl	31.0			11.0	20.0					
Ss	29.1					29.1				
Yc	236.7	8.0		127.7	98.0	3.0				
TOTAL	**20 997.3**									

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

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Appendix 1. Area by Potential MAI Class

Introduction

The objective of the main section of this report is to contribute to improving perceptions of the range of site quality in regenerated areas. In this appendix, site index is roughly translated to timber production potential. The objective of this appendix is to contribute to improving perceptions of the range of timber production potential in regenerated areas.

The data pose significant problems for addressing the objective. In recognition of the weaknesses in the data, simple, but robust, methods were chosen. These methods generate very rough estimates of timber production potential from the site index estimates in the district tables in the main section of this report.

Method

Culmination mean annual increment of merchantable volume/ha (MAI) was chosen to indicate timber production potential.

To each cell (site index-species combination) in each district table, a rough estimate of potential MAI was assigned with the following process:

1. The species code in the district table was assigned to one of six species codes (Cw, Fd, Hw, Pl, Ss, Sx) in the MAI table (see Table A1-1);
2. Potential MAI was estimated by interpolating in Table A1-2;
3. The MAI estimate was rounded into a 1 m^3/ha/yr class.

Polygon areas were summed by MAI class to provide totals by district, region, and province.

The values in Table A1-2 are the culmination of merchantable MAI estimated by TIPSY version 2.1d. The input parameters for the TIPSY simulations were:

- Species: pure species
- Origin: planted with 1 year old stock
- Density: 1500 trees/ha
- Unspaced
- Regen. delay: none
- OAF1: 0.85
- OAF2: 0.95
- Minimum merchantable DBH: 17.5 cm
- Stump height: 30 cm
- Top dib: 10 cm

Table A1-1. Species code substitutions.

Species code in district tables	Species code used in Table A1-2
Ba	Hw
Bg	Hw
Bl	Sx
Cw	Cw
Fd	Fd
Hm	Hw
Hw	Hw
Lt	Pl
Lw	Fd
Pa	Pl
Pl	Pl
Pw	Fd
Py	Fd
Sb	Sx
Se	Sx
Ss	Ss
Sw	Sx
Sx	Sx
Yc	Cw

Table A1-2. Culmination merchantable MAI by species by site index.

Site index (m)	Potential MAI (m^3/ha/yr)					
	Fd	Hw	Ss	Cw	Sx	Pl
0	0	0	0	0	0	0
10	0.38	1.49	3	1.09	2.02	1.04
20	3.39	6.26	7.52	5.83	4.60	4.20
30	8.27	12.51	13.83	12.89	8.43	8.97
40	13.77	20.01	21.79	21.75		

Results

The distribution of area of some ISIS forest cover polygons by potential MAI class is depicted in Table A1-3 by district, region, and for the entire province.

Discussion

The data in Table A1-3 are significantly limited by many factors including:

- the inaccuracy of the ISIS data;
- the method used to select polygons for inclusion in the summary;
- the repeated re-assigning of species codes; and
- the assumptions used to estimate potential MAI.

Table A1-3 should help improve perceptions of timber production potentials in regenerated stands. However, they should not be interpreted as portraying the distribution of area by MAI class for all areas tracked in ISIS, all forested land in the district, or any other population.

Table A1-3. Area (in hectares)[1] of some ISIS forest cover polygons by potential MAI class, by district.

Cariboo Forest Region

Forest districts	Potential MAI class (m^3/ha/yr)																				Total	Avg. MAI
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Chilcotin	12 948	11 210	24 173	5 416	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53 758	2.4
	24%	21%	45%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Horsefly	0	821	5 751	12 203	17 158	7 534	0	0	0	0	0	0	0	0	0	0	0	0	0	0	43 467	4.6
	0%	2%	13%	28%	39%	17%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
100 Mile House	862	4 894	3 618	11 419	1 416	857	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23 066	3.4
	4%	21%	16%	50%	6%	4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Quesnel	8	1 333	16 383	40 719	12 499	1 067	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72 008	3.9
	0%	2%	23%	57%	17%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Williams Lake	13 604	38 378	16 068	11 755	3 300	2 052	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85 158	2.5
	16%	45%	19%	14%	4%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Total	**27 422**	**56 636**	**65 992**	**81 511**	**34 386**	**11 510**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**277 456**	**3.3**
	10%	**20%**	**24%**	**29%**	**12%**	**4%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		

Kamloops Forest Region

Forest districts	Potential MAI class (m^3/ha/yr)																				Total	Avg. MAI
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Clearwater	0	299	27 172	11 522	13 508	5 668	241	0	0	0	0	0	0	0	0	0	0	0	0	0	58 410	4.0
	0%	1%	47%	20%	23%	10%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Kamloops	2 154	20 895	28 198	14 951	5 476	385	179	0	0	0	0	0	0	0	0	0	0	0	0	0	72 239	3.0
	3%	29%	39%	21%	8%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Lillooet	748	13 114	6 938	4 190	437	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25 426	2.6
	3%	52%	27%	16%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Merritt	1 152	22 808	22 377	17 281	1 314	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64 931	2.9
	2%	35%	34%	27%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Penticton	201	4 564	17 706	13 652	17 249	342	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53 714	3.8
	0%	8%	33%	25%	32%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Salmon Arm	80	250	7 571	6 361	12 668	4 554	826	0	0	0	6	0	0	0	0	0	0	0	0	0	32 317	4.5
	0%	1%	23%	20%	39%	14%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Vernon	0	988	11 846	8 338	13 817	2 708	172	3	0	0	89	0	0	0	0	0	0	0	0	0	37 960	4.2
	0%	3%	31%	22%	36%	7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Total	**4 335**	**62 918**	**12 180**	**76 294**	**64 469**	**13 656**	**1 418**	**3**	**0**	**0**	**95**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**344 997**	**3.5**
	1%	**18%**	**35%**	**22%**	**19%**	**4%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

Table A1-3. Area (in hectares)[1] of some ISIS forest cover polygons by potential MAI class, by district (continued).

Nelson Forest Region

Forest districts	Potential MAI class (m^3/ha/yr)																				Total	Avg. MAI
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Arrow	0	38	3 649	10 112	10 322	1 562	515	0	0	0	0	0	0	0	0	0	0	0	0	0	26 199	4.4
	0%	0%	14%	39%	39%	6%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Boundary	94	1 143	5 334	1 862	2 935	700	141	0	0	0	0	0	0	0	0	0	0	0	0	0	12 209	3.7
	1%	9%	44%	15%	24%	6%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Columbia	7	221	6 858	6 125	12 360	4 134	1 025	0	0	0	0	0	0	0	0	0	0	0	0	0	30 730	4.5
	0%	1%	22%	20%	40%	13%	3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Cranbrook	0	14 442	36 786	30 157	4 288	1 404	0	0	0	0	8	0	0	0	0	0	0	0	0	0	87 085	3.3
	0%	17%	42%	35%	5%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Invermere	0	2 386	11 394	32 382	301	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46 462	3.7
	0%	5%	25%	70%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Kootenay	0	82	17 578	13 962	18 413	3 746	680	0	0	0	63	0	0	0	0	0	0	0	0	0	54 524	4.2
Lake	0%	0%	32%	26%	34%	7%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Total	**101**	**18 312**	**81 598**	**94 600**	**48 619**	**11 546**	**2 362**	**0**	**0**	**0**	**71**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**257 208**	**3.8**
	0%	**7%**	**32%**	**37%**	**19%**	**4%**	**1%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		

Prince George Forest Region

Forest districts	Potential MAI class (m^3/ha/yr)																				Total	Avg. MAI
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
Dawson	318	5 764	15 384	10 713	1 366	218	0	0	0	0	0	0	0	0	0	0	0	0	0	0	33 763	3.2
Creek	1%	17%	46%	32%	4%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Fort Nelson	0	6	12 422	11 432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23 860	3.5
	0%	0%	52%	48%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Fort	48	491	2 698	10 630	5 527	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19 395	4.1
St. James	0%	3%	14%	55%	28%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Fort	0	312	4 385	1 763	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6 460	3.2
St. John	0%	5%	68%	27%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Mackenzie	978	14 215	9 900	37 491	21 046	639	0	0	0	0	0	0	0	0	0	0	0	0	0	0	84 268	3.8
	1%	17%	12%	44%	25%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0	
Prince	0	0	903	7 507	5 501	45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13 956	4.3
George	0%	0%	6%	54%	39%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Robson	25	386	5 110	3 749	8 619	208	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18 097	4.2
Valley	0%	2%	28%	21%	48%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Vanderhoof	0	1 289	26 446	51 821	3 823	92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	83 472	3.7
	0%	2%	32%	62%	5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Total	**1 368**	**22 463**	**77 248**	**13 510**	**45 882**	**1 203**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**28 3271**	**3.7**
	0%	**8%**	**27%**	**48%**	**16%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

Table A1-3. Area (in hectares)[1] of some ISIS forest cover polygons by potential MAI class, by district (continued).

Prince Rupert Forest Region

Forest districts	Potential MAI class (m^3/ha/yr)																				Avg. MAI
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
Bulkley	130	2 144	2 838	5 648	1 989	118	0	6	0	0	0	0	0	0	0	0	0	0	0	0	12 873	3.6
	1%	17%	22%	44%	15%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Kalum	9	134	463	7 038	5 986	24 016	181	346	4 775	0	650	0	0	0	0	0	0	0	0	0	43 599	5.9
	0%	0%	1%	16%	14%	55%	0%	1%	11%	0%	1%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Kispiox	0	579	1 689	11 749	19 720	694	0	0	0	0	0	0	0	0	0	0	0	0	0	0	34 431	4.5
	0%	2%	5%	34%	57%	2%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Lakes	0	1 048	10 560	61 556	14 384	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87 547	4.0
	0%	1%	12%	70%	16%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Morice	0	8 530	7 590	50 386	15 453	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	81 959	3.9
	0%	10%	9%	61%	19%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
North Coast	2	16	0	1 150	0	4 651	331	761	12 608	0	1 768	0	0	0	0	0	0	0	0	0	21 287	8.2
	0%	0%	0%	5%	0%	22%	2%	4%	59%	0%	8%	0%	0%	0%	0%	0%	0%	0%	0%	0%		
Total	**141**	**12 451**	**23 139**	**13 752**	**57 533**	**29 480**	**513**	**1 113**	**17 382**	**0**	**2 418**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**281 695**	**4.6**
	0%	**4%**	**8%**	**49%**	**20%**	**10%**	**0%**	**0%**	**6%**	**0%**	**1%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**	**0%**		

[1] The area in this table consists only of those polygons where site index could be assigned from the SIBEC guide, using the method described on page 1.

Table A1-3. Area (in hectares)[1] of some ISIS forest cover polygons by potential MAI class, by district (concluded).

Vancouver Forest Region

Forest districts	Potential MAI class (m^3/ha/yr) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	Avg. MAI
Campbell River	0 0%	0 0%	0 0%	4 0%	16 1%	20 1%	0 0%	0 0%	254 19%	0 0%	831 62%	182 13%	0 0%	42 3%	0 0%	0 0%	0 0%	0 0%	0 0%	1 0%	1 349	10.7
Chilliwack	801 6%	1 924 15%	108 1%	3 288 25%	263 2%	850 7%	1 323 10%	0 0%	3 335 26%	0 0%	364 3%	535 4%	0 0%	136 1%	57 0%	0 0%	0 0%	0 0%	0 0%	7 0%	12 990	5.9
Mid-coast	90 1%	958 7%	27 0%	2 837 20%	1 047 7%	3 449 24%	505 3%	297 2%	3 840 27%	0 0%	1 273 9%	51 0%	0 0%	57 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	14 431	6.6
Port McNeill	800 4%	158 1%	0 0%	9 511 47%	0 0%	430 2%	233 1%	23 0%	5 955 30%	0 0%	2 905 14%	0 0%	0 0%	40 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	20 055	6.5
Queen Charlotte Is.	29 0%	99 1%	366 2%	377 2%	600 4%	1 932 12%	2 649 17%	247 2%	8 650 55%	0 0%	704 4%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	15 653	7.9
Sunshine Coast	245 1%	1 789 9%	116 1%	1 317 6%	927 4%	983 5%	400 2%	0 0%	4 701 22%	0 0%	8 900 42%	1 003 5%	0 0%	543 3%	74 0%	0 0%	0 0%	0 0%	0 0%	0 0%	20 997	8.8
South Island	304 3%	177 2%	213 2%	3 974 39%	407 4%	163 2%	254 2%	20 0%	2 538 25%	0 0%	1 988 19%	213 2%	0 0%	19 0%	0 0%	0 0%	0 0%	0 0%	0 0%	0 0%	10 269	6.8
Squamish	1 637 3%	7 975 16%	1 705 3%	9 771 20%	10 299 21%	3 719 8%	2 977 6%	6 0%	6 475 13%	0 0%	3 965 8%	675 1%	0 0%	203 0%	54 0%	0 0%	0 0%	0 0%	0 0%	0 0%	49 461	5.5
Total	**3 905** **3%**	**13 081** **9%**	**2 535** **2%**	**31 078** **21%**	**13 559** **9%**	**11 545** **8%**	**8 340** **6%**	**593** **0%**	**35 748** **25%**	**0** **0%**	**20 930** **14%**	**2 659** **2%**	**0** **0%**	**1 040** **1%**	**185** **0%**	**0** **0%**	**0** **0%**	**0** **0%**	**0** **0%**	**9** **0%**	**145 206**	**6.6**

Total All Regions

All forest districts	Potential MAI class (m^3/ha/yr) 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	Avg. MAI
Total	**37 272** **2%**	**18 586** **12%**	**37 232** **23%**	**55 611** **35%**	**26 444** **17%**	**78 940** **5%**	**12 633** **1%**	**1 709** **0%**	**53 130** **3%**	**0** **0%**	**23 513** **1%**	**2 659** **0%**	**0** **0%**	**1 040** **0%**	**185** **0%**	**0** **0%**	**0** **0%**	**0** **0%**	**0** **0%**	**9** **0%**	**1 589 834**	**4.0**

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