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August 10, 2006

**BY EMAIL**

To: Regional Executive Directors

From: Bill Howard  
Director  
Revenue Branch

**Re: Amendment No. 1 - *Cruising Manual***

I hereby approve Amendment No. 1 to the *Cruising Manual*, and attach a copy for your use.

The following sections have been amended.

|                   |                                                                                                                                       |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Section 3.5.6.3   | Updated tree class 3 (older immature dead potential) definition to ensure consistency with revised mountain pine beetle damage code.  |
| Section 3.6.3 (5) | Updated allowable non-sampling error damage code standards for mountain pine beetle.                                                  |
| Section A.6.1.3   | Updated general bark beetle attack code definitions and created new lodgepole pine mountain pine bark beetle damage code definitions. |



This manual is effective the date of this memo. Further amendments or revisions to this manual require my approval.



Bill Howard  
Director  
Revenue Branch

Attachment



# Amendments

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**Amendment No. 1 - Effective August 10, 2006**

For your convenience the current amendment updates appear in red text. All changed graphics are indicated with a red arrow ➡. Two arrows ➡➡ represents text removed.

| Section                           | Description                                                                                          |
|-----------------------------------|------------------------------------------------------------------------------------------------------|
| Section 3.5.6.3                   | Allows Tree Class 3 for Mountain Pine Beetle killed Lodgepole pine to have less than 5% red needles. |
| Section 3.6.3.1                   | Outlines procedures for assessment of Mountain Pine Beetle Codes for Lodgepole pine.                 |
| A.6.1.3                           | Clarification of Mountain Pine Beetle attack codes.                                                  |
| Figures A.40, A.41, A.42 and A.43 | Housekeeping - renumbering                                                                           |
| Appendix 10                       | Housekeeping                                                                                         |

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Refer to the tree class modification of Loss Factor Tables at the end of Table 17 for the age in 10s and tree class combinations when combining plots cruised before April 1, 2003 with newer cruise plot data.

#### 3.5.6.1 Tree Class 1 (Older Immature)

These are living trees with none of the eight external pathological indicators.

#### 3.5.6.2 Tree Class 2 (Older Immature)

These are living trees containing one or more of the following eight external pathological indicators of decay:

Conks, Blind Conks, scars, fork and/or pronounced crook, frost crack, mistletoe (trunk infection), rotten branches, dead or broken top.

All pathological indicators must be recorded for each tree where they occur in order for the computer to properly assign the appropriate loss factor. Tree classification will be made on the basis of the above signs of decay only. See "Metric Diameter Class Decay, Waste and Breakage Factors" for the specifications of Risk Groups and Table 18 for risk group assignments by pathological indicators.

#### 3.5.6.3 Tree Class 3 (Older Immature Dead Potential)

Dead standing or down timber which is estimated to contain at least 50 percent of its original gross volume in sound-wood content. All dead potential standing and down trees must be tallied.

Trees with green and/or red needles are considered live trees and will be classified based on pathological indicators. Standing or windfall trees with grey or no needles will be considered dead trees; **except however for mountain pine beetle attacked lodgepole pine where a tree with less than 5% red needles will be considered dead.**

Down stems in this class will be determined as "in" or "out" by measuring from DBH on the tree where it lies to the plot centre (see Section 3.4.1.4, Leaning or "Down" Trees). For net merchantable volume compilation, dead potential stems will have the highest Risk Group factor for that particular species except Lodgepole Pine which will use Risk Group 2 Loss Factors.

The 50 percent or more firmwood rule is the key consideration. Consider the resistance to decay of the species and the local climate (refer to Table 19 for the Sound Wood Factors for saprot and formulas to assist in the determination of 50 percent soundwood content).

Decay should be determined at various intervals on the tree. Tables are available to estimate cross-sectional area of decay. For example, the outer one-third of a tree represents one half the volume. Also, the bottom third of a tree contains approximately one half of its volume. Other tables are available which show the percentage of volume

of the tree in each 10 m log. By estimating percent firmwood in each 10 m log, the firmwood percent of the tree can be determined.

1. Dead Standing

Decay percent is difficult to assess on standing trees, "Sounding" with an axe or equivalent implement can be helpful. Before sounding, look for overhead hazards that may be dislodged.

2. Dead Down

Good judgement must be exercised in applying tree classes to down material. Since some species are more resistant to decay than others, decisions will therefore be influenced by the tree species involved as well as by local climatic conditions. C, Cy, F, S, P and L are the most decay resistant species and are less likely to exhibit extensively sloughing bark and conks. Other species exhibiting these characteristics are more likely to be "Dead Useless". However, it should be remembered that in drier areas, dead and down Pl and Py may be entirely bark-free yet still be relatively sound.

Pathology is required on all dead potential trees on the coast and dead potential hemlock and white pine in the interior for use in the log grade algorithms.

The only exception to the green and/or red needle rule is for *abies lasiocarpa* in the Interior, where the following guidelines will apply:

**Indications – One or More Must be Present**

1. Sap-rot and/or,
2. Deep checking and/or,
3. Loose or shedding bark.

**Contraindications – None can be Present for Tree Classes 3, 7 and 9 Trees**

1. Live Cambium.
2. Green needles.
3. Pitching that is on the end of a log or on exposed wood and not under the bark.
4. Live bark beetles are present.

If there is any doubt after applying the indicators and contraindicators, then the tree will be classified as green.

5. **Damage Codes:** if they effect the risk group or an appraisal variable.
- a. No more than 5 percent of all trees checked can have a missing or extra damage code, and
  - b. missing or extra damage codes that result in a risk group change will contribute to Section 3.6.3.1, 4.
  - c. For assessment of Mountain Pine Beetle Codes on Lodgepole Pine the following standards will apply:
    - i. All reclassification of beetle damage codes must be based on field data collection.
    - ii. In order to provide the Ministry of Forests with adequate time to perform check cruises, resweep data must be provided to the Ministry at least 10 working days prior to the commencement of any harvest activity, or some other mutually agreed upon time frame. In turn, the MFR must respond to the licensee within that time frame if there are any concerns with the cruise, otherwise the cruise will be considered acceptable.
    - iii. In order to check and verify the resweep beetle code data and confirm who performed the cruise, the following information must be made available to the Ministry of Forests and Range: the date(s) the resweep was completed and by whom; and for each re-classified tree, the original damage code and the updated damage code.
    - iv. Due to the rapid nature of change associated with needle colour attribute versus other timber attributes, beetle code classification will only be counted as an incorrect damage code if the cruisers' code is greater than the code determined by the Ministry of Forests and Range (e.g., the cruiser called a red attack (code 2) and the check cruise assessed the tree as green attack (code 1)).
    - v. The intent of allowing licensees to resweep for beetle codes is to provide the most recent description of the beetle code damage. As such, the Ministry of Forests and Range check cruise efforts will focus primarily on the correct determination of the beetle code attribute; however if in the general practice of completing the beetle code assessment, the Ministry of Forests and Range becomes aware of other significant inconsistencies with respect to the cruise standards, these issues will be addressed on a case by case basis.
6. **Ages:** Refer to Section 3.5.9.
- a. The age in 10s and tree classes must result in the correct application of the loss factors consistent with the Tree Class Modification of Loss Factor Tables at the end of Table 17. The original and check cruiser must agree on the maturity class of the trees upon review of the drilled cores.

Refer to the following Forintek publication for information regarding increment cores and increment borer maintenance:

“Increment Core Sampling Techniques for High Quality Cores”

The publication can be ordered through Forintek email address: [phyllis@van.forintek.ca](mailto:phyllis@van.forintek.ca)

- b. 95 percent of all trees must be placed in the correct immature and mature class for loss factors,
  - c. Coast - age in 10s of 13 and 14 - all tree classes must be verified since tree classes 1, 2, 3, 8 and 9 contribute to the percent second growth reporting (see Chapter 6, Positions 21 and 22).
7. **Breast Height:** when this limit is exceeded, the true position is used for a. and b. below. The height of the diameter-line marked at breast-height must not exceed plus or minus 5 percent (plus or minus 6.5 cm) from the true breast-height of 1.3 m above high side.

| Diameter at Breast Height (DBH) |                                                                                          |    |                                                                                        |
|---------------------------------|------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------|
| •                               | All live and dead potential trees as measured with a steel or equally accurate DBH tape. | a. | At least 90 percent of individual stems checked must be within 2 percent of true DBH.  |
|                                 |                                                                                          | b. | Average absolute variation of all DBHs checked must be within plus or minus 2 percent. |
| •                               | DU trees can be estimated.                                                               | a. | Estimate to the nearest 5 cm class.                                                    |

**8. Strip Lines or Tie Lines to Prism or Fixed-area Plots:**

Plus or minus 2 percent of horizontal distance.

Bearing-strip to strip or plot to plot and plot centre reference:

Plus or minus 2° - this translates to 3.49 m in 100 m using the formula:

$$(100 * (\tan 2 \text{ degrees})) = 3.49 \text{ percent}$$

Therefore, 3.49 percent \* 100 m = 3.49 m.

|                                                  |                                                |
|--------------------------------------------------|------------------------------------------------|
| <b>Plot centre reference tree</b>                | Plus or minus 1 percent of horizontal distance |
| <b>Radius - fixed area plots</b>                 | Plus or minus 1 percent of horizontal distance |
| <b>Radius - prism plots</b>                      | Plus or minus 1 percent of horizontal distance |
| <b>Length and width: fixed rectangular plots</b> | Plus or minus 1 percent of horizontal distance |

| <b>Boundary Traverse</b> | <b>Cruise-Based</b>       | <b>Scale-Based</b>        |
|--------------------------|---------------------------|---------------------------|
| Closure error            | Plus or minus 0.7 percent | Plus or minus 1 percent   |
| Area error               | Plus or minus 1 percent   | Plus or minus 1.5 percent |
| Inter-station distance   | Plus or minus 1 percent   | Plus or minus 2 percent   |

**3.6.3.2 Quality (Coast)- as they affect grade**

1. **Pathological indicators:** 90 percent of the individual indicators that occur in the middle or lower third must be coded in the correct third.
2. **Quality indicators:**
  - a. by Check Plot – greater than or equal to 90 percent of all quality indicators checked must be within plus or minus one code change.
  - b. for All Check Plots – greater than or equal to 90 percent of all quality indicators checked must be within plus or minus one code change. The exceptions are:

- knot codes 5 and 6 must be correct or they contribute to the number of incorrect codes, and
- Spiral Grain – if the check code is greater than 4 and the original is less than 5, or vice versa, then it is an error. Codes 5 to 9 will generate Y-Grade in all cases.

### 3.6.3.3 Slopes

#### **Slope:**

1. **Plots:**  $\geq 90$  percent of the individual plots checked must be within plus or minus 5 slope percentage points of the slope measured by the check cruiser.

A flagging tape tied at 15 m slope distance from plot centre at the steepest ground with the plot slope written on the flagging tape is recommended to assist in the check cruise process.

2. **Block or Cutting Permit:** the average variation of all slopes checked must be within plus or minus 5 slope percent.

### 3.6.4 Allowable Non-Sampling Errors - Original Versus Check Plots

Compile original and check plots as separate cruises on the most recent cruise compilation software.

### 3.6.4.1 Net Volume Standard

The following standards may be used to adjudicate marginal pass/fail check cruises. This section is not used if the other check parameters are clearly exceeded.

|                                              | Allowable Error                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>1. Individual checked plot volumes</b>    | <ul style="list-style-type: none"> <li>• <math>\geq 90</math> percent of the individual plot volumes must be within 7 percent of their true plot volume. This means that for 10 plots, only 1 may be 7 percent or more out. For 5 plots, none can be exceeded. Each plot must have a volume calculated for the original and the check data. Use a valid cruise compilation program and apply a one-hectare area. The plot pairs are then compared for net volume.</li> </ul> |
| <b>2. Total volume for all checked plots</b> | <ul style="list-style-type: none"> <li>• Average variation must be within 5 percent of true plot volume as determined by the check- cruiser. A minimum of 5 plots is required. The variation between the original plots and the check plot is calculated. The average variations are then calculated. The pluses cancel the minuses.</li> </ul>                                                                                                                              |
| <b>3. LRFs (Interior only)</b>               | <ul style="list-style-type: none"> <li>• LRF must be plus or minus 1 percent of true LRF for all plots checked.</li> </ul>                                                                                                                                                                                                                                                                                                                                                   |

Any one of the foregoing items, if outside the permissible measurement standard, are grounds for redoing the work.

### 3.6.5 Standards for Some Basic Cruise Functions

- a. Sample location must be sufficiently accurate to enable relocation of the samples at a future date. Fixed-area plots are subject to the standards in Section 3.3,
- b. adequate records must be kept of all data so that they may be traced to their specific sources for evaluation in their primary or later applications,
- c. the sampling design must meet the standards of Chapter 2,

- d. inadequate identification of plot centres, sample trees and strip lines in the field may also lead to rejection of the cruise, and
- e. forest typing must meet the criteria listed in Section 2.6.3.1 to ensure consistency of forest typing within cut blocks and among multiple cut blocks.

### 3.6.6 Check Cruising Dispute Mechanism

It is strongly recommended that the licensee and cruiser be present at the check cruise.

Where the licensee and ministry check-cruiser do not agree on aspects of the cruise the following procedure is to be followed.

It is recommended that check cruisers carry digital cameras with them in the field so that they can send digital photos to region, branch and third party cruising staff as a method to resolve disputes.

|        |                                                                                                                                                                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Step 1 | The Ministry of Forests and Range representative (MOF) sends the check cruise results to the licensee within one (1) week of the field check.                                                                                                    |
| Step 2 | If the cruise is rejected, the MOF attends the site with the original cruiser to attempt resolution of the dispute if necessary.                                                                                                                 |
| Step 3 | The licensee submits a written complaint to the District Manager (DM) within 30 days.                                                                                                                                                            |
| Step 4 | The DM or designate responds within 30 days.                                                                                                                                                                                                     |
| Step 5 | If the licensee appeals the District Managers decision, then the Regional Executive Director or designate must hear the appeal. The licensee must make the application to the Regional Manager within 30 days of the District Managers decision. |

- The western pine beetle (*Dendroctonus brevicomis*) in yellow pine (*Pinus ponderosa*-PY).
- The western balsam bark beetle (*Dryocoetes cofusus*) in alpine fir (*Abies lasiocarpa*-BL).

### Green Attack Code 1

Since the mountain pine beetle and the western pine beetle normally complete their life cycles in one year, the Green Attack code will represent trees that have been infested ten to twelve months or less. The crown is green but pitch tubes are evident on the lower bole and the inner bark will contain characteristic gallery patterns and immature stages of the beetles. Successfully attacked trees usually die within a few weeks following initial attack even though their crowns may stay green up to twelve months. How long the crown of an infested tree stays green depends on climate, soil, topography and tree species.  White pine and yellow pine infested by mountain pine beetle often start discolouring by fall or mid-spring.

### Red Attack Code 2

This code represents trees that, on average, had been attacked during the previous two seasons. The crowns first fade to straw colour, then to red and finally to rust colour before the needles fall off the tree. By the time the foliage is rust coloured, the beetles have usually left these trees to infest green trees. The boles of many trees in this category may be heavily worked by woodpeckers, making them susceptible to checking.

### Grey Attack Code 3

This code will represent trees that are dead and have grey needles except *Abies lasiocarpa*, which can have grey or red needles. The bole of the older kills will have much checking and loose bark. However, pitch tubes on the bark of the lower bole and/or bark beetle galleries under the bark will be readily discernible.

The western pine beetle has a different gallery pattern than the mountain pine beetle, but infested trees go through the same sequence of foliage changes after attacks by either beetle. Therefore, the same attack code is applicable.

The western balsam bark beetle usually completes its life cycle in two years. Therefore, both green and red attacked trees will contain brood. Also quite often there is no evidence of pitch tubes on the trunk of infected trees. Therefore, the boles of balsam fir need to be examined at close range for signs of boring dust in the crevices of the bark and/or small round holes in the bark that signify entry or emergence by this beetle. Thus, in the green infected stage, attacked trees are quite difficult to find. The western pine beetle has a different gallery pattern than the mountain pine beetle, but infested trees go through the same sequence of foliage changes after attacks by either beetle. Therefore, the same attack code is applicable.

The western balsam bark beetle usually completes its life cycle in two years. Therefore, both green and red attacked trees will contain brood. Also quite often there is no evidence of pitch tubes on the trunk of infected trees. Therefore, the boles of balsam fir need to be examined at close range for signs of boring dust in the crevices of the bark and/or small round holes in the bark that signify entry or emergence by this beetle. Thus, in the green infected stage, attacked trees are quite difficult to find.

### **Lodgepole Pine Beetle Attack Code Definition**

|                     |                                                                                                                                                                                                    |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Green Attack Code 1 | Trees attacked have green needles, but other colours may also be present. Green attack must contain greater than or equal to 5% green coloured needles.                                            |
| Red Attack Code 2   | Trees attacked have red, fading and possibly some grey needles. Red includes straw to rust colour. Red attack must contain less than 5% green needles and greater than or equal to 5% red needles. |
| Grey Attack Code 3  | Trees attacked have grey or no needles. Grey attack must have less than 5% red needles.                                                                                                            |

#### **A.6.1.4 Blister Rust Code 4 (Risk Group 2, White Pine)**

Normally used in stands where white pine is a major species (more than 20 percent of the volume) which is seriously infected with blister rust. This code can be used in a normal old growth H-C type containing a few scattered PW veterans.

All other insect attack codes take precedence over Blister Rust, Code 4.

#### **A.6.1.5 Attack Codes for Spruce, Douglas Fir**

| <b>Code</b> | <b>Description</b>           |
|-------------|------------------------------|
| 5           | Green Strip Attack – S and F |
| 6           | Green Full Attack – S and F  |
| 7           | Grey Attack – S and F        |
| 8           | Red Attack – Fir only        |

The first three codes are applicable to the spruce and fir beetle. Spruce foliage turns yellowish for a brief period in the winter season following an attack before the needles

drop off the tree. Therefore, the species was not included in the red attack. Infested trees with faded crowns should be included in the green (dead) full attack.

**Green Strip Attack Code 5 (Path/Tree Class = Risk Group, Fir and Spruce)**

The trees in this code will be infested in a strip on the lower bole where broods either failed or succeeded in completing their development. In either case, the attacks did not kill the trees. These trees will live on, at least until subsequent attacks (which can happen quite often) completely girdle the bole. In the case of Douglas fir, strip attacked (green in well established infestations are usually much less common than Green fully attacked trees. The loss factors are unaffected by this code.

**Green Fully Attacked Code 6 (Risk Group 2, Fir and Spruce)**

The trees in this code still have green foliage but the attack by the bark beetles has completely girdled the tree. Some of these trees will have a considerable amount of their bark removed by woodpeckers lowering the value because of checks and splits.

In the case of Douglas fir, the beetle usually has a one year life cycle. The attack is usually in May and June. The crowns of infested trees stay green from a few months to a year after attack. Do not code as Tree Class 3. The compilation program will downgrade these trees to Risk Group 2.

**Grey Attack Code 7 (Highest Risk Group and has to be dead, Fir and Spruce)**

This code represents trees which are dead and have gray needles. Little or no foliage is left, the boles of the older kills may have much checking and loose bark. The compilation program downgrades these trees to the highest risk group.

**Red Attack Code 8 (Risk Group 2, Fir)**

This code is reserved for Douglas fir where the red foliage remains on the tree for an average of two years. For bole and crown symptoms of infestation, consult the publication on Douglas fir Beetle<sup>3</sup> under the headings Damage and Detection. The compilation program downgrades these trees to Risk Group 2. If they have conk or blind conk they will be compiled as Risk Group 3.

**A.6.1.6 Defoliators (Path/Tree Class = Risk Group, All Species)**

This damage category includes hemlock looper, budworms, moths and other defoliators. If the classification is doubtful, assess the cambium on the north side at DBH.

Code X - trees with living cambium. Tree classes 1, 2, 5, 6, 8, and

Code Y - trees with dry cambium. All tree classes are allowed.

All other insect attack codes take precedence over defoliator, codes x and y except code 4, Blister Rust.

## A.6.2 Fire Damage

Standard cruising methods as outlined in the *Cruising Manual* are to be followed in conjunction with the following classifications and their codes.

### A.6.2.1 Light Damage - Code A

Damage consisting of scorched bark and foliage but no charring in the merchantable portion of the stem. Bark scorching greater than or equal to 5 years after the date that the fire was declared mopped up by the Ministry of Forests and Range does not qualify for the fire damage coding.

Classification: No change to the tree classification for light fire damage trees.

### A.6.2.2 Moderate Damage - Code B

Damage of any age consisting of some shallow charring of wood fibre in the merchantable portion of the stem.

Classification: Assign the tree class and record the pathological indicators as normal. The compilation program will down grade risk group 1 trees to risk group 2.

### A.6.2.3 Heavy Damage - Code C

Damage of any age consisting of extensive shallow charring or deep charring in the merchantable portion of the stem. Multiple deep checks in trees less than 30 cm DBH also qualify for heavy damage.

Classification: Assign the tree class and record the pathological indicator as normal. The compilation program will down grade these trees to the highest risk group.

Trees are coded as they appear at the time of the cruise only and not at the anticipated time of harvesting.

## Definitions:

|                            |                                                                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Merchantable section       | is the section of the stem between 30 cm stump and the 10 cm top diameter.                                                                                                                                                 |
| Charring                   | is the actual destruction of wood by fire. There must be identifiable damage to a surface area greater than 100 cm <sup>2</sup> .                                                                                          |
| Shallow charring           | is charring which is greater than 100 cm <sup>2</sup> in surface area and less than one-third of the radius of the tree.                                                                                                   |
| Extensive shallow charring | is charring in the bottom third of the tree that has 3 or more areas (each at least 100 cm <sup>2</sup> ) of exposed and charred wood fibre or the cumulative total of charred areas is greater than 300 cm <sup>2</sup> . |
| Deep charring              | is where charring is deeper than one-third of the radius of the tree.                                                                                                                                                      |
| Multiple deep checks       | is where more than 1 check is deeper than one-third of the radius of the tree.                                                                                                                                             |

1. Surface checking may occur as the result of fire damage but this does not affect tree classification.
2. Trees are coded as they appear at the time of the cruise and not at the anticipated time of harvesting.

**A.6.3 Down Trees**

The following Damage Codes will be entered in column 63 of the Tally Sheet (FS 205).

| Code | Condition of Down Trees                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| E    | The tree may have one clean break in the merchantable portion of the stem. The compilation program will assign the risk group by tree class and pathological indicators.                                |
| G    | The tree must have two or more clean breaks or one or more shattered breaks within the merchantable portion of the stem. The compilation program will down grade these trees to the highest risk group. |

## Definitions:

*Clean break* is a break in the merchantable portion of the stem which can be bucked out in a length equivalent to the diameter of the stem at the break.

*Shattered break* is a break more severe than a clean break.

*Break below stump height* a break not in the merchantable portion of the stem will be coded as an uprooted tree.

### Damage Call Matrix for Uprooted, Ice Damaged and Wind Sheared Trees

(Natural causes only)

|          |                                                                   |                                                                                                 |                                                                     |                                                                                                 |                                                                               |                                                                                                                                                                                               |
|----------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Uprooted | Uprooted with one clean break in merchantable portion of the tree | Uprooted and two or more clean break or one shattered break in merchantable portion of the tree | Ice Damage or Wind sheared                                          |                                                                                                 |                                                                               |                                                                                                                                                                                               |
|          |                                                                   |                                                                                                 | Top 1/3                                                             | Middle 1/3                                                                                      | Bottom 1/3                                                                    |                                                                                                                                                                                               |
| Record E | Record E                                                          | Record G                                                                                        | No down tree code.<br>Call dead or broken top if $\geq 5$ years old | Record E only<br>for clean or shattered breaks<br>Call dead or broken top if $\geq 5$ years old | Record E<br>for clean breaks<br>Call dead or broken top if $\geq 5$ years old | Record G<br>for one clean break in bottom 1/3 and one other clean break any merchantable portion of the tree or one or more shattered breaks<br>Call dead or broken top if $\geq 5$ years old |

Note: Record all trees in plot if DBH is in the plot (natural or man influenced)  
Damage codes can only be recorded for natural occurrences. No codes for hand felled or mechanical influences.  
Do not record uprooted TC 4 or TC 6

**Figure A.40** Damage Call Matrix for Uprooted, Ice Damaged and Wind Sheared Trees.

#### A.6.3.1 Sampling Down Trees

Down trees are defined as trees that have been uprooted, blown down, ice damaged or wind sheared. Standard cruise methods as outlined in the *Cruising Manual* are to be followed consistent with the following criteria:

- fixed or variable plots can be used for both standing and down trees,

- trees will be coded as of the time of cruising,
- do not record uprooted tree class 4 and 6 trees,
- the allowable tree classes for all codes are 1, 2, 3, 5, 7, 8, and 9,
- all trees with red, green or brown needles are classified as living trees,
- all uprooted trees, assign the appropriate down tree code,
- if tree is partially uprooted and supported by another standing tree assign the appropriate down tree code, and
- if tree is partially uprooted and self-supporting do not assign a down tree code.

#### Examples of Broken or Shattered Trees:

- if  $< 5$  years since the damage and the tree is broken or shattered in the top third *do not* code as a down tree or dead/broken top,
- if  $\geq 5$  years since the damage and the tree is broken or shattered in the top third larger than the merchantable diameter, code dead or broken top *only*. If broken above the merchantable diameter do not tally down tree code or dead or broken top,
- if  $< 5$  years since the damage and the tree is broken or shattered in the middle third, code E only and do not record dead or broken top,
- if  $\geq 5$  years since the damage and the tree is broken or shattered in the middle third, code E only and tally dead or broken top in 2nd third, and
- if  $< 5$  years since the damage and the tree is broken in the lower third, code E or G and do not tally a dead or broken top,
- if  $\geq 5$  years since the damage and the tree is broken in the lower third, code E or G and tally a dead or broken top.

#### **A.6.4 Extremely Damaged Stands (Windthrow, Flood Damaged, Fire, Insects or Disease)**

Where damage conditions are such that a stand cruise procedure becomes too costly in terms of recoverable values from the salvageable material, the Regional Manager has the following options of estimating the volume and quality of both the damaged and undamaged wood left on the area:

1. Applying an estimated damage factor (derived either by aerial or ground reconnaissance) to an earlier cruise of the area when the stand was undamaged.

2. Applying an estimated damage factor to volumes derived from the inventory map and average lines for the area.



**Figure A.41** *Example of Mechanical Damage.*

## **Appendix 7 Interior Dead Potential White Pine Log Grade Algorithm**

### **A.7.1 Assumption**

Pathology and surface characteristics on the tree can predict grade (see Figure A.43).

### **A.7.2 Procedures**

1. The compilation program utilizes a matrix for allocation of path in thirds to the 5 metre logs (see Appendix A.10.3 of the *Cruise Compilation Manual*).
2. Pathological indicators are collected as per the manual.
3. Saprot/checks are recorded in the root rot column. At least 50 percent of the log must be suitable for lumber. Sound cores must be at least 10 cm top diameter, and logs less than 15 cm top diameter are allowed only one check 4 cm deep or more to be classified as sawlog. Code the pathological indicator tree third positions 1 to 7 for each third that *does not* qualify as lumber.

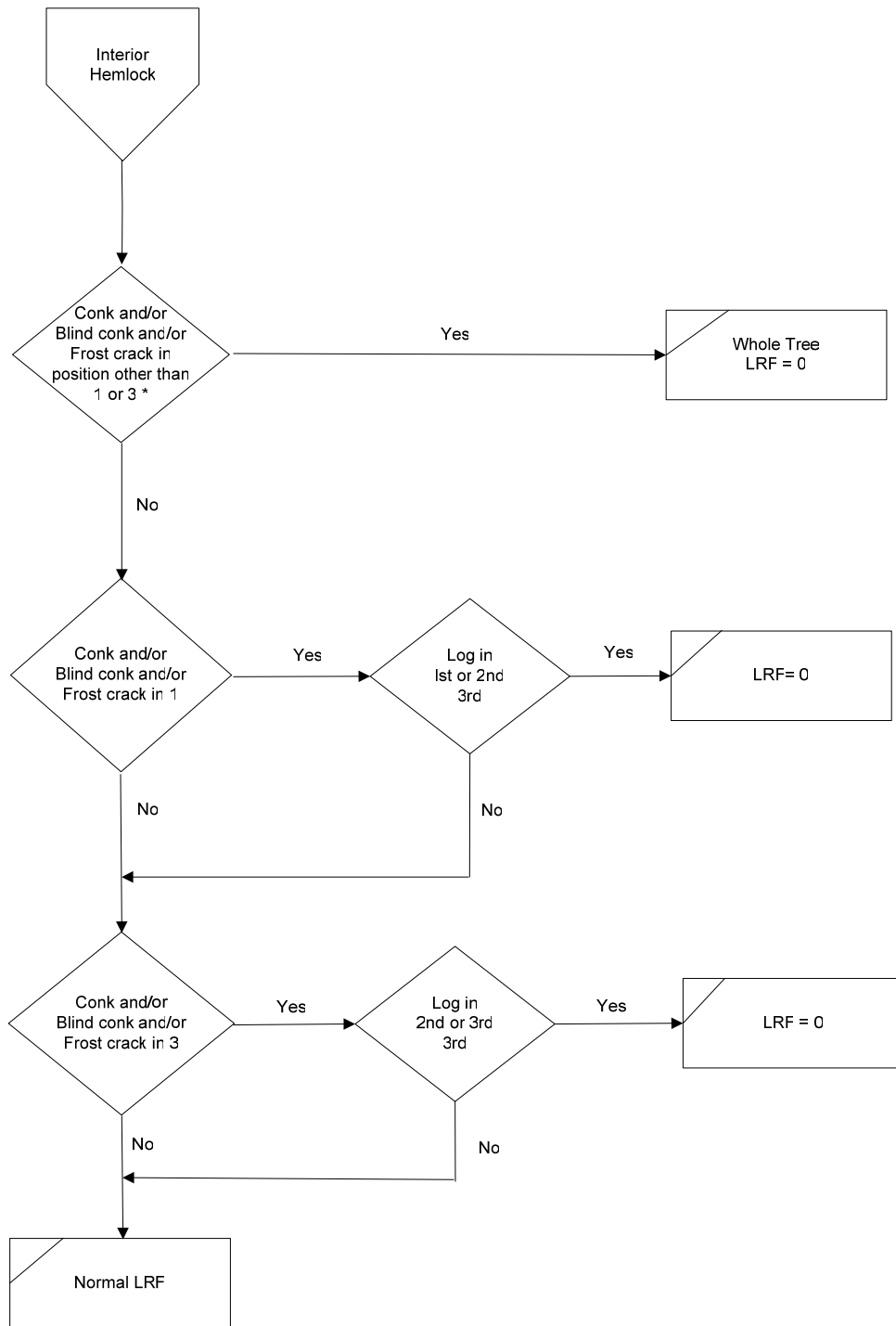


**Figure A.42** Interior Hemlock.

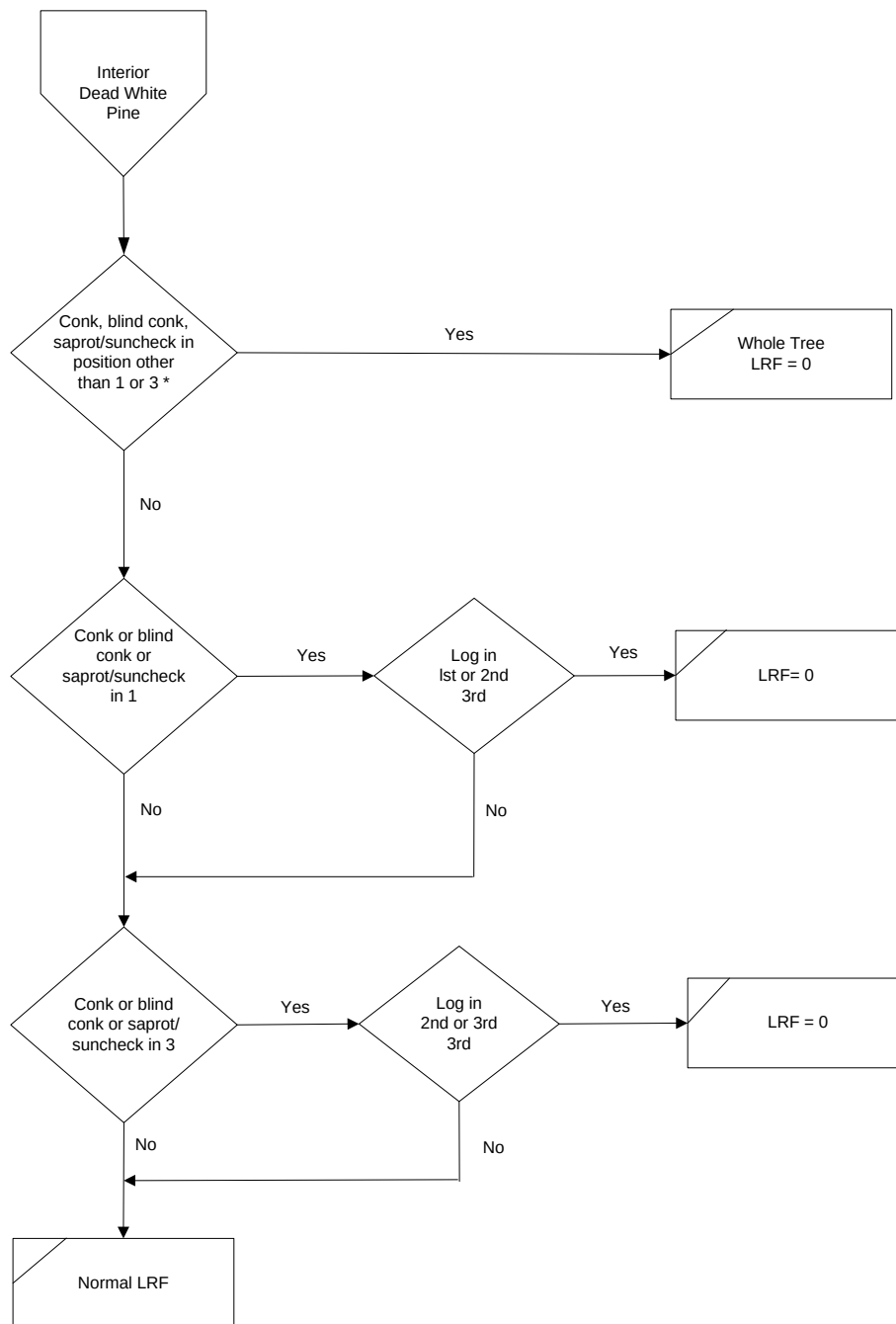


**Figure A.43** *Dead Potential White Pine Log Grade Algorithm.*

Refer to Sections 3.5.6.3 and A.7.2 for details regarding the data collection for dead potential white pine.

## Appendix 8 Region and District Codes

| Region                                | District                                                                | Number |
|---------------------------------------|-------------------------------------------------------------------------|--------|
| Coast Forest Region (RCO)             | Campbell River Forest District                                          | 05     |
|                                       | Chilliwack Forest District                                              | 01     |
|                                       | North Coast Forest District (Prince Rupert)                             | 08     |
|                                       | North Island – Central Coast Forest District (Port McNeill, Hagensborg) | 06     |
|                                       | Queen Charlotte Island Forest District                                  | 07     |
|                                       | South Island Forest District (Port Alberni, Duncan)                     | 04     |
|                                       | Squamish Forest District                                                | 02     |
|                                       | Sunshine Coast Forest District (Powell River, Sechelt)                  | 03     |
| Southern Interior Forest Region (RSI) | 100 Mile House Forest District                                          | 08     |
|                                       | Arrow Boundary Forest District (Castlegar, Grand Forks, Nakusp)         | 09     |
|                                       | Cascades Forest District (Merritt, Lillooet, Princeton)                 | 04     |
|                                       | Central Cariboo Forest District (Williams Lake, Horsefly, Likely)       | 06     |
|                                       | Chilcotin Forest District (Alexis Creek)                                | 05     |
|                                       | Columbia Forest District (Revelstoke, Golden)                           | 10     |
|                                       | Headwaters Forest District (Clearwater, McBride)                        | 01     |
|                                       | Kamloops Forest District                                                | 02     |
|                                       | Kootenay Lake Forest District                                           | 12     |
|                                       | Okanagan Shuswap Forest District (Vernon, Penticton, Salmon Arm)        | 03     |
|                                       | Quesnel Forest District                                                 | 07     |
|                                       | Rocky Mountain Forest District (Cranbrook, Invermere)                   | 11     |
| Northern Interior Forest Region (RNI) | Fort Nelson Forest District                                             | 06     |
|                                       | Fort St. James Forest District                                          | 03     |
|                                       | Kalum Forest District                                                   | 09     |
|                                       | Mackenzie Forest District                                               | 04     |
|                                       | Nadina Forest District (Burns Lake, Houston)                            | 08     |
|                                       | Peace Forest District (Dawson Creek, Fort St. John)                     | 05     |
|                                       | Prince George Forest District                                           | 01     |
|                                       | Skeena Stikine Forest District (Smithers, Dease Lake, Hazelton)         | 07     |
|                                       | Vanderhoof Forest District                                              | 02     |

## British Columbia Timber Sales Offices

|            |            |                |               |
|------------|------------|----------------|---------------|
| Burns Lake | Chilliwack | Campbell River | Dawson Creek  |
| Kamloops   | Nelson     | Prince George  | Port McNeill  |
| Terrace    | Vanderhoof | Vernon         | Williams Lake |

Access the BCTS map at: <http://www.for.gov.bc.ca/bcts/maps>

## Forest Region and District Boundaries - April 1, 2003

### RSI · Southern Interior Forest Region (Kamloops)

DMH · 100 Mile House Forest District (100 Mile House)  
 DAB · Arrow Boundary Forest District (Castlegar, Grand Forks, Nakusp)  
 DCS · Cascades Forest District (Merritt, Lillooet, Princeton)  
 DCC · Central Cariboo Forest District (Williams Lake, Horsefly, Likely)  
 DCH · Chilcotin Forest District (Alexis Creek)  
 DCO · Columbia Forest District (Revelstoke, Golden)  
 DHW · Headwaters Forest District (Clearwater, McBride)  
 DKA · Kamloops Forest District (Kamloops)  
 DKL · Kootenay Lake Forest District (Nelson)  
 DOS · Okanagan Shuswap Forest District (Vernon, Penticton, Salmon Arm)  
 DQU · Quesnel Forest District (Quesnel)  
 DRM · Rocky Mountain Forest District (Cranbrook, Invermere)

### RNI · Northern Interior Forest Region (Prince George)

DFN · Fort Nelson Forest District (Fort Nelson)  
 DJA · Fort St. James Forest District (Fort St. James)  
 DKM · Kalum Forest District (Terrace)  
 DMK · Mackenzie Forest District (Mackenzie)  
 DND · Nadina Forest District (Burns Lake, Houston)  
 DPC · Peace Forest District (Dawson Creek, Fort St. John)  
 DPG · Prince George Forest District (Prince George)  
 DSS · Skeena Stikine Forest District (Smithers, Dease Lake, Hazelton)  
 DVA · Vanderhoof Forest District (Vanderhoof)

### RCO · Coast Forest Region (Nanaimo)

DCR · Campbell River Forest District (Campbell River)  
 DCK · Chilliwack Forest District (Chilliwack)  
 DNC · North Coast Forest District (Prince Rupert)  
 DIC · North Island - Central Coast Forest District (Port McNeill, Hagensborg)  
 DQC · Queen Charlotte Islands Forest District (Queen Charlotte City)  
 DSI · South Island Forest District (Port Alberni, Duncan)  
 DSQ · Squamish Forest District (Squamish)  
 DSC · Sunshine Coast Forest District (Powell River, Sechelt)

\* Denotes BC Timber Sales Location



Figure A.44 Forest Region and District Boundaries.

## **Appendix 9 Site Index Tables for British Columbia – All Species**

The site index tables must be used for appraisal cruising.

The tables may be purchased on a waterproof paper from:

Crown Publications  
521 Fort Street  
Victoria BC V8W 1E7  
Phone: (250) 386-4636

### **A.9.1 Use of Site Index Tables for BC to Determine the Age Corrections at Breast Height**

1. Refer to the most recent Coast and Interior site index tables for the target tree species.
2. Bore the tree at breast-height (1.3 m) above the high-side.
3. Count the growth rings between the cambium and the pith (count the pith as one ring). Enter under "Counted Age" on Card Type 3 (FS 205).
4. From top height and boring height age, determine the site index. Then go to the bottom of the Site Index Table to obtain the "Years to bh" (boring height) age correction.
5. Add this age correction to "Counted Age" to get the total age.

Complete Site Index Tables

**Table of Site Index by Breast Height Age and Height**  
**Species: Fdc – Coastal Douglas-fir**

[illegible]

**Table of Site Index by Breast Height Age and Height**  
**Species: Fdc – Coastal Douglas-fir**

| Age<br>@ bh               | Top Height (m) |    |    |       |    |    |       |    |    |       |    |    |       |    |    |       |    |   |       |   |  |     |
|---------------------------|----------------|----|----|-------|----|----|-------|----|----|-------|----|----|-------|----|----|-------|----|---|-------|---|--|-----|
|                           | 5              | 6  | 7  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 | 19 | 20    | 21 |   |       |   |  |     |
|                           | Site Index (m) |    |    |       |    |    |       |    |    |       |    |    |       |    |    |       |    |   |       |   |  |     |
| 5                         | 35             | 45 | 53 | 59    | 62 | 65 | 67    | 69 | 69 | 51    | 54 | 57 | 59    | 61 | 63 |       |    |   |       |   |  |     |
| 10                        | 15             | 20 | 24 | 29    | 33 | 38 | 42    | 47 | 51 | 33    | 36 | 39 | 42    | 45 | 47 | 50    | 52 |   |       |   |  |     |
| 15                        | 10             | 13 | 16 | 19    | 22 | 24 | 27    | 30 | 33 | 25    | 27 | 29 | 31    | 34 | 36 | 38    | 40 |   |       |   |  |     |
| 20                        | 8              | 10 | 12 | 15    | 17 | 19 | 21    | 23 | 25 | 23    | 25 | 27 | 29    | 31 | 33 | 34    | 36 |   |       |   |  |     |
| 25                        | 7              | 9  | 10 | 12    | 14 | 16 | 17    | 19 | 21 | 22    | 24 | 26 | 27    | 29 | 31 | 33    | 34 |   |       |   |  |     |
| 30                        | 6              | 8  | 9  | 11    | 12 | 14 | 15    | 17 | 18 | 19    | 21 | 22 | 24    | 25 | 27 | 28    | 30 |   |       |   |  |     |
| 35                        | 6              | 7  | 8  | 10    | 11 | 12 | 14    | 15 | 16 | 17    | 19 | 20 | 21    | 23 | 24 | 25    | 26 |   |       |   |  |     |
| 40                        | 5              | 7  | 8  | 9     | 10 | 11 | 12    | 14 | 15 | 16    | 17 | 18 | 19    | 21 | 22 | 23    | 24 |   |       |   |  |     |
| 45                        | 5              | 6  | 7  | 8     | 9  | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 | 20 | 21    | 22 |   |       |   |  |     |
| 50                        | 5              | 6  | 7  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 | 19 | 20    | 21 |   |       |   |  |     |
| 55                        | 5              | 6  | 7  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 | 19 | 20    | 21 |   |       |   |  |     |
| 60                        | 5              | 6  | 6  | 7     | 8  | 9  | 10    | 11 | 12 | 13    | 14 | 15 | 16    | 17 | 18 | 19    | 20 |   |       |   |  |     |
| 65                        | 5              | 6  | 6  | 7     | 8  | 9  | 10    | 11 | 12 | 13    | 14 | 15 | 16    | 17 | 18 | 19    | 20 |   |       |   |  |     |
| 70                        | 5              | 6  | 7  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 | 19 | 20    | 21 |   |       |   |  |     |
| 75                        | 5              | 6  | 7  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 | 19 | 20    | 21 |   |       |   |  |     |
| 80                        | 5              | 6  | 7  | 7     | 8  | 9  | 10    | 11 | 12 | 13    | 14 | 15 | 16    | 17 | 18 | 19    | 20 |   |       |   |  |     |
| 85                        | 5              | 6  | 6  | 7     | 8  | 9  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 90                        | 5              | 6  | 6  | 7     | 8  | 9  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 95                        | 5              | 6  | 6  | 7     | 8  | 8  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 100                       | 5              | 6  | 6  | 7     | 8  | 8  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 105                       | 5              | 6  | 7  | 7     | 8  | 9  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 110                       | 5              | 6  | 7  | 7     | 8  | 9  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 115                       | 5              | 6  | 7  | 7     | 8  | 9  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 120                       | 5              | 6  | 7  | 7     | 8  | 9  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 125                       | 5              | 6  | 6  | 7     | 8  | 8  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 130                       | 5              | 6  | 6  | 7     | 8  | 8  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 135                       | 5              | 6  | 6  | 7     | 8  | 8  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 140                       | 5              | 6  | 6  | 7     | 7  | 8  | 9     | 10 | 11 | 12    | 13 | 14 | 15    | 16 | 17 | 18    | 19 |   |       |   |  |     |
| 145                       | 5              | 6  | 6  | 7     | 7  | 8  | 9     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 150                       | 5              | 6  | 6  | 7     | 7  | 8  | 9     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 155                       | 5              | 6  | 6  | 7     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 160                       | 5              | 6  | 6  | 7     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 165                       | 5              | 5  | 6  | 7     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 170                       | 5              | 5  | 6  | 7     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 175                       | 5              | 5  | 6  | 6     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 180                       | 5              | 5  | 6  | 6     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 185                       | 5              | 5  | 6  | 6     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 190                       | 5              | 5  | 6  | 6     | 7  | 8  | 8     | 9  | 10 | 11    | 12 | 13 | 14    | 15 | 16 | 17    | 18 |   |       |   |  |     |
| 195                       | 5              | 5  | 6  | 6     | 7  | 7  | 8     | 8  | 9  | 10    | 11 | 12 | 13    | 14 | 15 | 16    | 17 |   |       |   |  |     |
| 200                       | 5              | 5  | 6  | 6     | 7  | 7  | 8     | 8  | 9  | 10    | 11 | 12 | 13    | 14 | 15 | 16    | 17 |   |       |   |  |     |
| Years to Boring Total     |                |    |    |       |    |    |       |    |    |       |    |    |       |    |    |       |    |   | 48+   |   |  |     |
| Site Index<br>Correct yrs | Up to 10       |    |    | 11-16 |    |    | 17-22 |    |    | 23-28 |    |    | 29-35 |    |    | 36-41 |    |   | 42-47 |   |  | 48+ |
|                           | 12             | 11 | 10 | 11    | 10 | 9  | 9     | 8  | 7  | 6     | 5  | 4  | 3     | 2  | 1  | 0     | 0  | 0 | 0     | 0 |  |     |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
Date: February 28, 2002  
Site Index Equation: Bruce (1981)

Table of Site Index by Breast Height Age and Height  
Species: Fdc – Coastal Douglas-fir

| Age<br>@ bh | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 5           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 20          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 25          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 35          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 40          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 45          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 50          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 55          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 60          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 65          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 70          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 75          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 80          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 85          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 90          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 95          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 100         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 105         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 110         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 115         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 120         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 125         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 130         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 135         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 140         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 145         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 150         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 155         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 160         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 165         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 170         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 175         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 180         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 185         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 190         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 195         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 200         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Years to Boring Height

| Site Index<br>Correct yrs | Up to 10 | 11-16 | 17-22 | 23-28 | 29-35 | 36-41 | 42-47 | 48+ |
|---------------------------|----------|-------|-------|-------|-------|-------|-------|-----|
|                           | 12       | 11    | 10    | 9     | 8     | 7     | 6     | 5   |

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Table of Site Index by Breast Height Age and Height  
Species: Fdc – Coastal Douglas-fir

| Age<br>@ bh | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 5           |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 20          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 25          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 35          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 40          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 45          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 50          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 55          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 60          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 65          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 70          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 75          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 80          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 85          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 90          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 95          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 100         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 105         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 110         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 115         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 120         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 125         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 130         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 135         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 140         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 145         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 150         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 155         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 160         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 165         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 170         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 175         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 180         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 185         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 190         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 195         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 200         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Years to Boring Height

| Site Index<br>Correct yrs | Up to 10 | 11-16 | 17-22 | 23-28 | 29-35 | 36-41 | 42-47 | 48+ |
|---------------------------|----------|-------|-------|-------|-------|-------|-------|-----|
|                           | 12       | 11    | 10    | 9     | 8     | 7     | 6     | 5   |

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Figure A.45 Fdc – Coastal Douglas-Fir.

Table of Site Index by Breast Height Age and Height  
Species: Hwc – Western Hemlock - Coast

| Age @ bh | 23             | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | Age @ bh |
|----------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------|
|          | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |
|          | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |          |
| 10       | 52             | 54 | 55 | 56 | 50 | 51 | 52 | 54 | 55 | 50 | 51 | 52 | 53 | 54 | 50 | 51 | 10       |
| 15       | 44             | 46 | 47 | 48 | 45 | 46 | 47 | 49 | 50 | 45 | 46 | 47 | 48 | 49 | 45 | 46 | 15       |
| 20       | 38             | 40 | 41 | 42 | 44 | 45 | 46 | 47 | 49 | 40 | 41 | 42 | 43 | 44 | 40 | 41 | 20       |
| 25       | 34             | 35 | 36 | 37 | 39 | 40 | 41 | 42 | 43 | 35 | 36 | 37 | 38 | 39 | 35 | 36 | 25       |
| 30       | 30             | 31 | 32 | 34 | 35 | 36 | 37 | 38 | 39 | 31 | 32 | 33 | 34 | 35 | 31 | 32 | 30       |
| 35       | 27             | 28 | 29 | 31 | 32 | 33 | 34 | 35 | 36 | 27 | 28 | 29 | 30 | 31 | 27 | 28 | 35       |
| 40       | 25             | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 25 | 26 | 27 | 28 | 29 | 25 | 26 | 40       |
| 45       | 23             | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 23 | 24 | 25 | 26 | 27 | 23 | 24 | 45       |
| 50       | 21             | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 21 | 22 | 23 | 24 | 25 | 21 | 22 | 50       |
| 55       | 20             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 20 | 21 | 22 | 23 | 24 | 20 | 21 | 55       |
| 60       | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 19 | 20 | 21 | 22 | 23 | 19 | 20 | 60       |
| 65       | 18             | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 18 | 19 | 20 | 21 | 22 | 18 | 19 | 65       |
| 70       | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 17 | 18 | 19 | 20 | 21 | 17 | 18 | 70       |
| 75       | 17             | 17 | 18 | 19 | 20 | 20 | 21 | 22 | 23 | 17 | 18 | 19 | 20 | 21 | 17 | 18 | 75       |
| 80       | 16             | 17 | 17 | 18 | 19 | 20 | 20 | 21 | 22 | 16 | 17 | 18 | 19 | 20 | 16 | 17 | 80       |
| 85       | 15             | 16 | 17 | 17 | 18 | 19 | 20 | 20 | 21 | 15 | 16 | 17 | 18 | 19 | 15 | 16 | 85       |
| 90       | 15             | 16 | 16 | 17 | 18 | 19 | 20 | 20 | 21 | 15 | 16 | 17 | 18 | 19 | 15 | 16 | 90       |
| 95       | 14             | 15 | 16 | 16 | 17 | 18 | 19 | 20 | 20 | 14 | 15 | 16 | 17 | 18 | 14 | 15 | 95       |
| 100      | 14             | 15 | 16 | 16 | 17 | 18 | 19 | 20 | 20 | 14 | 15 | 16 | 17 | 18 | 14 | 15 | 100      |
| 105      | 14             | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 20 | 14 | 15 | 16 | 17 | 18 | 14 | 15 | 105      |
| 110      | 14             | 14 | 15 | 15 | 16 | 17 | 17 | 18 | 19 | 14 | 15 | 16 | 17 | 18 | 14 | 15 | 110      |
| 115      | 13             | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 18 | 13 | 14 | 15 | 16 | 17 | 13 | 14 | 115      |
| 120      | 13             | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 18 | 13 | 14 | 15 | 16 | 17 | 13 | 14 | 120      |
| 125      | 13             | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 17 | 13 | 14 | 15 | 16 | 17 | 13 | 14 | 125      |
| 130      | 12             | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 12 | 13 | 14 | 15 | 16 | 12 | 13 | 130      |
| 135      | 12             | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 16 | 12 | 13 | 14 | 15 | 16 | 12 | 13 | 135      |
| 140      | 12             | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 16 | 12 | 13 | 14 | 15 | 16 | 12 | 13 | 140      |
| 145      | 11             | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 145      |
| 150      | 11             | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 150      |
| 155      | 11             | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 155      |
| 160      | 11             | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 160      |
| 165      | 11             | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 165      |
| 170      | 11             | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 170      |
| 175      | 11             | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 15 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 175      |
| 180      | 11             | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 11 | 12 | 13 | 14 | 15 | 11 | 12 | 180      |
| 185      | 10             | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 10 | 11 | 12 | 13 | 14 | 10 | 11 | 185      |
| 190      | 10             | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 10 | 11 | 12 | 13 | 14 | 10 | 11 | 190      |
| 195      | 10             | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 14 | 10 | 11 | 12 | 13 | 14 | 10 | 11 | 195      |
| 200      | 10             | 10 | 11 | 11 | 12 | 12 | 13 | 13 | 14 | 10 | 11 | 12 | 13 | 14 | 10 | 11 | 200      |

Years to Boring Height

| Site Index Correct yrs | 10-13 | 14-20 | 21-27 | 28-34 | 35-42 | 43-49 | 50+ |
|------------------------|-------|-------|-------|-------|-------|-------|-----|
|                        | 8     | 7     | 6     | 5     | 4     | 3     | 2   |

Page 2

Table of Site Index by Breast Height Age and Height  
Species: Hwc – Western Hemlock - Coast

| Age @ bh | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|----------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|          | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|          | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10       | 26             | 30 | 33 | 36 | 39 | 42 | 44 | 47 | 49 | 51 | 52 | 54 | 56 | 57 | 58 | 60 |    |
| 15       | 18             | 20 | 23 | 26 | 28 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 45 | 46 | 48 | 49 | 51 |
| 20       | 13             | 15 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 33 | 35 | 37 | 38 | 40 | 41 | 43 |
| 25       | 11             | 13 | 14 | 16 | 18 | 20 | 21 | 23 | 25 | 26 | 28 | 29 | 31 | 32 | 34 | 35 | 37 |
| 30       | 9              | 11 | 12 | 14 | 15 | 17 | 18 | 20 | 21 | 23 | 24 | 25 | 27 | 28 | 30 | 31 | 32 |
| 35       | 8              | 9  | 11 | 12 | 13 | 15 | 16 | 17 | 19 | 20 | 21 | 23 | 24 | 25 | 26 | 28 | 29 |
| 40       | 7              | 8  | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 20 | 21 | 23 | 24 | 25 | 26 |
| 45       | 6              | 7  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 24 |
| 50       | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 55       | 6              | 7  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 60       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 65       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 70       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 75       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 80       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 85       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 90       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 95       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 100      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 105      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 110      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 115      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 120      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 125      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 130      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 135      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 140      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 145      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 150      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 155      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 160      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 165      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 170      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 175      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 180      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 185      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 190      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 195      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 200      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |

Years to Boring Height

| Site Index Correct yrs | 10-13 | 14-20 | 21-27 | 28-34 | 35-42 | 43-49 | 50+ |
|------------------------|-------|-------|-------|-------|-------|-------|-----|
|                        | 8     | 7     | 6     | 5     | 4     | 3     | 2   |

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Date: February 27, 2002

Site Index Equation: Wiley (1978)

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Table of Site Index by Breast Height Age and Height  
Species: Hwc – Western Hemlock - Coast

| Age<br>@ bh    | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Age<br>@ bh |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|
|                | 39             | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 |             |
| Site Index (m) |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 10             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 15             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 20             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 25             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 30             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 35             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 40             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 45             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 50             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 55             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 60             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 65             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 70             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 75             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 80             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 85             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 90             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 95             |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 100            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 105            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 110            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 115            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 120            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 125            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 130            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 135            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 140            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 145            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 150            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 155            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 160            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 165            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 170            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 175            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 180            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 185            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 190            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 195            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |
| 200            |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |

| Years to Boring Height |       |       |       |       |       |       |     |             |       | Years to Boring Height |       |       |       |       |     |  |  |  |  |
|------------------------|-------|-------|-------|-------|-------|-------|-----|-------------|-------|------------------------|-------|-------|-------|-------|-----|--|--|--|--|
| Site Index             | 10-13 | 14-20 | 21-27 | 28-34 | 35-42 | 43-49 | 50+ | Site Index  | 10-13 | 14-20                  | 21-27 | 28-34 | 35-42 | 43-49 | 50+ |  |  |  |  |
| Correct yrs            | 8     | 7     | 6     | 5     | 4     | 3     | 2   | Correct yrs | 8     | 7                      | 6     | 5     | 4     | 3     | 2   |  |  |  |  |

Figure A.46 Hwc – Western Hemlock - Coast.

## A.9.2 Interior

| Table of Site Index by Breast Height Age and Height<br>Species: Fdi – Interior Douglas-fir |                | Table of Site Index by Breast Height Age and Height<br>Species: Fdi – Interior Douglas-fir |                |
|--------------------------------------------------------------------------------------------|----------------|--------------------------------------------------------------------------------------------|----------------|
| Age<br>@ bh                                                                                | Top Height (m) | Age<br>@ bh                                                                                | Top Height (m) |
| 5                                                                                          | 18             | 28                                                                                         | 28             |
| 6                                                                                          | 22             | 29                                                                                         | 30             |
| 7                                                                                          | 26             | 30                                                                                         | 31             |
| 8                                                                                          | 30             | 31                                                                                         | 32             |
| 9                                                                                          | 34             | 32                                                                                         | 33             |
| 10                                                                                         | 38             | 33                                                                                         | 34             |
| 11                                                                                         | 42             | 34                                                                                         | 35             |
| 12                                                                                         | 46             | 35                                                                                         | 36             |
| 13                                                                                         | 50             | 36                                                                                         | 37             |
| 14                                                                                         | 54             | 37                                                                                         | 38             |
| 15                                                                                         | 58             | 38                                                                                         | 39             |
| 16                                                                                         | 62             | 39                                                                                         | 40             |
| 17                                                                                         | 66             | 40                                                                                         | 41             |
| 18                                                                                         | 70             | 41                                                                                         | 42             |
| 19                                                                                         | 74             | 42                                                                                         | 43             |
| 20                                                                                         | 78             | 43                                                                                         | 44             |
| 21                                                                                         | 82             | 44                                                                                         | 45             |
| 22                                                                                         | 86             | 45                                                                                         | 46             |
| 23                                                                                         | 90             | 46                                                                                         | 47             |
| 24                                                                                         | 94             | 47                                                                                         | 48             |
| 25                                                                                         | 98             | 48                                                                                         | 49             |
| 26                                                                                         | 102            | 49                                                                                         | 50             |
| 27                                                                                         | 106            | 50                                                                                         | 51             |
| 28                                                                                         | 110            | 51                                                                                         | 52             |
| 29                                                                                         | 114            | 52                                                                                         | 53             |
| 30                                                                                         | 118            | 53                                                                                         | 54             |
| 31                                                                                         | 122            | 54                                                                                         | 55             |
| 32                                                                                         | 126            | 55                                                                                         | 56             |
| 33                                                                                         | 130            | 56                                                                                         | 57             |
| 34                                                                                         | 134            | 57                                                                                         | 58             |
| 35                                                                                         | 138            | 58                                                                                         | 59             |
| 36                                                                                         | 142            | 59                                                                                         | 60             |
| 37                                                                                         | 146            | 60                                                                                         | 61             |
| 38                                                                                         | 150            | 61                                                                                         | 62             |
| 39                                                                                         | 154            | 62                                                                                         | 63             |
| 40                                                                                         | 158            | 63                                                                                         | 64             |
| 41                                                                                         | 162            | 64                                                                                         | 65             |
| 42                                                                                         | 166            | 65                                                                                         | 66             |
| 43                                                                                         | 170            | 66                                                                                         | 67             |
| 44                                                                                         | 174            | 67                                                                                         | 68             |
| 45                                                                                         | 178            | 68                                                                                         | 69             |
| 46                                                                                         | 182            | 69                                                                                         | 70             |
| 47                                                                                         | 186            | 70                                                                                         | 71             |
| 48                                                                                         | 190            | 71                                                                                         | 72             |
| 49                                                                                         | 194            | 72                                                                                         | 73             |
| 50                                                                                         | 198            | 73                                                                                         | 74             |
| 51                                                                                         | 202            | 74                                                                                         | 75             |
| 52                                                                                         | 206            | 75                                                                                         | 76             |
| 53                                                                                         | 210            | 76                                                                                         | 77             |
| 54                                                                                         | 214            | 77                                                                                         | 78             |
| 55                                                                                         | 218            | 78                                                                                         | 79             |
| 56                                                                                         | 222            | 79                                                                                         | 80             |
| 57                                                                                         | 226            | 80                                                                                         | 81             |
| 58                                                                                         | 230            | 81                                                                                         | 82             |
| 59                                                                                         | 234            | 82                                                                                         | 83             |
| 60                                                                                         | 238            | 83                                                                                         | 84             |
| 61                                                                                         | 242            | 84                                                                                         | 85             |
| 62                                                                                         | 246            | 85                                                                                         | 86             |
| 63                                                                                         | 250            | 86                                                                                         | 87             |
| 64                                                                                         | 254            | 87                                                                                         | 88             |
| 65                                                                                         | 258            | 88                                                                                         | 89             |
| 66                                                                                         | 262            | 89                                                                                         | 90             |
| 67                                                                                         | 266            | 90                                                                                         | 91             |
| 68                                                                                         | 270            | 91                                                                                         | 92             |
| 69                                                                                         | 274            | 92                                                                                         | 93             |
| 70                                                                                         | 278            | 93                                                                                         | 94             |
| 71                                                                                         | 282            | 94                                                                                         | 95             |
| 72                                                                                         | 286            | 95                                                                                         | 96             |
| 73                                                                                         | 290            | 96                                                                                         | 97             |
| 74                                                                                         | 294            | 97                                                                                         | 98             |
| 75                                                                                         | 298            | 98                                                                                         | 99             |
| 76                                                                                         | 302            | 99                                                                                         | 100            |
| 77                                                                                         | 306            | 100                                                                                        | 101            |
| 78                                                                                         | 310            | 101                                                                                        | 102            |
| 79                                                                                         | 314            | 102                                                                                        | 103            |
| 80                                                                                         | 318            | 103                                                                                        | 104            |
| 81                                                                                         | 322            | 104                                                                                        | 105            |
| 82                                                                                         | 326            | 105                                                                                        | 106            |
| 83                                                                                         | 330            | 106                                                                                        | 107            |
| 84                                                                                         | 334            | 107                                                                                        | 108            |
| 85                                                                                         | 338            | 108                                                                                        | 109            |
| 86                                                                                         | 342            | 109                                                                                        | 110            |
| 87                                                                                         | 346            | 110                                                                                        | 111            |
| 88                                                                                         | 350            | 111                                                                                        | 112            |
| 89                                                                                         | 354            | 112                                                                                        | 113            |
| 90                                                                                         | 358            | 113                                                                                        | 114            |
| 91                                                                                         | 362            | 114                                                                                        | 115            |
| 92                                                                                         | 366            | 115                                                                                        | 116            |
| 93                                                                                         | 370            | 116                                                                                        | 117            |
| 94                                                                                         | 374            | 117                                                                                        | 118            |
| 95                                                                                         | 378            | 118                                                                                        | 119            |
| 96                                                                                         | 382            | 119                                                                                        | 120            |
| 97                                                                                         | 386            | 120                                                                                        | 121            |
| 98                                                                                         | 390            | 121                                                                                        | 122            |
| 99                                                                                         | 394            | 122                                                                                        | 123            |
| 100                                                                                        | 398            | 123                                                                                        | 124            |
| 101                                                                                        | 402            | 124                                                                                        | 125            |
| 102                                                                                        | 406            | 125                                                                                        | 126            |
| 103                                                                                        | 410            | 126                                                                                        | 127            |
| 104                                                                                        | 414            | 127                                                                                        | 128            |
| 105                                                                                        | 418            | 128                                                                                        | 129            |
| 106                                                                                        | 422            | 129                                                                                        | 130            |
| 107                                                                                        | 426            | 130                                                                                        | 131            |
| 108                                                                                        | 430            | 131                                                                                        | 132            |
| 109                                                                                        | 434            | 132                                                                                        | 133            |
| 110                                                                                        | 438            | 133                                                                                        | 134            |
| 111                                                                                        | 442            | 134                                                                                        | 135            |
| 112                                                                                        | 446            | 135                                                                                        | 136            |
| 113                                                                                        | 450            | 136                                                                                        | 137            |
| 114                                                                                        | 454            | 137                                                                                        | 138            |
| 115                                                                                        | 458            | 138                                                                                        | 139            |
| 116                                                                                        | 462            | 139                                                                                        | 140            |
| 117                                                                                        | 466            | 140                                                                                        | 141            |
| 118                                                                                        | 470            | 141                                                                                        | 142            |
| 119                                                                                        | 474            | 142                                                                                        | 143            |
| 120                                                                                        | 478            | 143                                                                                        | 144            |
| 121                                                                                        | 482            | 144                                                                                        | 145            |
| 122                                                                                        | 486            | 145                                                                                        | 146            |
| 123                                                                                        | 490            | 146                                                                                        | 147            |
| 124                                                                                        | 494            | 147                                                                                        | 148            |
| 125                                                                                        | 498            | 148                                                                                        | 149            |
| 126                                                                                        | 502            | 149                                                                                        | 150            |
| 127                                                                                        | 506            | 150                                                                                        | 151            |
| 128                                                                                        | 510            | 151                                                                                        | 152            |
| 129                                                                                        | 514            | 152                                                                                        | 153            |
| 130                                                                                        | 518            | 153                                                                                        | 154            |
| 131                                                                                        | 522            | 154                                                                                        | 155            |
| 132                                                                                        | 526            | 155                                                                                        | 156            |
| 133                                                                                        | 530            | 156                                                                                        | 157            |
| 134                                                                                        | 534            | 157                                                                                        | 158            |
| 135                                                                                        | 538            | 158                                                                                        | 159            |
| 136                                                                                        | 542            | 159                                                                                        | 160            |
| 137                                                                                        | 546            | 160                                                                                        | 161            |
| 138                                                                                        | 550            | 161                                                                                        | 162            |
| 139                                                                                        | 554            | 162                                                                                        | 163            |
| 140                                                                                        | 558            | 163                                                                                        | 164            |
| 141                                                                                        | 562            | 164                                                                                        | 165            |
| 142                                                                                        | 566            | 165                                                                                        | 166            |
| 143                                                                                        | 570            | 166                                                                                        | 167            |
| 144                                                                                        | 574            | 167                                                                                        | 168            |
| 145                                                                                        | 578            | 168                                                                                        | 169            |
| 146                                                                                        | 582            | 169                                                                                        | 170            |
| 147                                                                                        | 586            | 170                                                                                        | 171            |
| 148                                                                                        | 590            | 171                                                                                        | 172            |
| 149                                                                                        | 594            | 172                                                                                        | 173            |
| 150                                                                                        | 598            | 173                                                                                        | 174            |
| 151                                                                                        | 602            | 174                                                                                        | 175            |
| 152                                                                                        | 606            | 175                                                                                        | 176            |
| 153                                                                                        | 610            | 176                                                                                        | 177            |
| 154                                                                                        | 614            | 177                                                                                        | 178            |
| 155                                                                                        | 618            | 178                                                                                        | 179            |
| 156                                                                                        | 622            | 179                                                                                        | 180            |
| 157                                                                                        | 626            | 180                                                                                        | 181            |
| 158                                                                                        | 630            | 181                                                                                        | 182            |
| 159                                                                                        | 634            | 182                                                                                        | 183            |
| 160                                                                                        | 638            | 183                                                                                        | 184            |
| 161                                                                                        | 642            | 184                                                                                        | 185            |
| 162                                                                                        | 646            | 185                                                                                        | 186            |
| 163                                                                                        | 650            | 186                                                                                        | 187            |
| 164                                                                                        | 654            | 187                                                                                        | 188            |
| 165                                                                                        | 658            | 188                                                                                        | 189            |
| 166                                                                                        | 662            | 189                                                                                        | 190            |
| 167                                                                                        | 666            | 190                                                                                        | 191            |
| 168                                                                                        | 670            | 191                                                                                        | 192            |
| 169                                                                                        | 674            | 192                                                                                        | 193            |
| 170                                                                                        | 678            | 193                                                                                        | 194            |
| 171                                                                                        | 682            | 194                                                                                        | 195            |
| 172                                                                                        | 686            | 195                                                                                        | 196            |
| 173                                                                                        | 690            | 196                                                                                        | 197            |
| 174                                                                                        | 694            | 197                                                                                        | 198            |
| 175                                                                                        | 698            | 198                                                                                        | 199            |
| 176                                                                                        | 702            | 199                                                                                        | 200            |
| 177                                                                                        | 706            | 200                                                                                        | 201            |
| 178                                                                                        | 710            | 201                                                                                        | 202            |
| 179                                                                                        | 714            | 202                                                                                        | 203            |
| 180                                                                                        | 718            | 203                                                                                        | 204            |
| 181                                                                                        | 722            | 204                                                                                        | 205            |
| 182                                                                                        | 726            | 205                                                                                        | 206            |
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| 184                                                                                        | 734            | 207                                                                                        | 208            |
| 185                                                                                        | 738            | 208                                                                                        | 209            |
| 186                                                                                        | 742            | 209                                                                                        | 210            |
| 187                                                                                        | 746            | 210                                                                                        | 211            |
| 188                                                                                        | 750            | 211                                                                                        | 212            |
| 189                                                                                        | 754            | 212                                                                                        | 213            |
| 190                                                                                        | 758            | 213                                                                                        | 214            |
| 191                                                                                        | 762            | 214                                                                                        | 215            |
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| 193                                                                                        | 770            | 216                                                                                        | 217            |
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| 199                                                                                        | 794            | 222                                                                                        | 223            |
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| 211                                                                                        | 842            | 234                                                                                        | 235            |
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| 213                                                                                        | 850            | 236                                                                                        | 237            |
| 214                                                                                        | 854            | 237                                                                                        | 238            |
| 215                                                                                        | 858            | 238                                                                                        | 239            |
| 216                                                                                        | 862            | 239                                                                                        | 240            |
| 217                                                                                        | 866            | 240                                                                                        | 241            |
| 218                                                                                        | 870            | 241                                                                                        | 242            |
| 219                                                                                        | 874            | 242                                                                                        | 243            |
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| 221                                                                                        | 882            | 244                                                                                        | 245            |
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| 254                                                                                        | 1014           | 277                                                                                        | 278            |
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| 256                                                                                        | 1022           | 279                                                                                        | 280            |
| 257                                                                                        | 1026           | 280                                                                                        | 281            |
| 258                                                                                        | 1030           | 281                                                                                        | 282            |
| 259                                                                                        | 1034           | 282                                                                                        | 283            |
| 260                                                                                        | 1038           | 283                                                                                        | 284            |
| 261                                                                                        | 1042           | 284                                                                                        | 285            |
| 262                                                                                        | 1046           | 285                                                                                        | 286            |
| 263                                                                                        | 1050           | 286                                                                                        | 287            |
| 264                                                                                        | 1054           | 287                                                                                        | 288            |
| 265                                                                                        | 1058           | 288                                                                                        | 289            |
| 266                                                                                        | 1062           | 289                                                                                        | 290            |
| 267                                                                                        | 1066           | 290                                                                                        | 291            |
| 268                                                                                        | 1070           | 291                                                                                        | 292            |
| 269                                                                                        | 1074           | 292                                                                                        | 293            |
| 270                                                                                        | 1078           | 293                                                                                        | 294            |
| 271                                                                                        | 1082           | 294                                                                                        | 295            |
| 272                                                                                        | 1086           | 295                                                                                        | 296            |
| 273                                                                                        | 1090           | 296                                                                                        | 297            |
| 274                                                                                        | 1094           | 297                                                                                        | 298            |
| 275                                                                                        | 1098           | 298                                                                                        | 299            |
| 276                                                                                        | 1102           | 299                                                                                        | 300            |
| 277                                                                                        | 1106           | 300                                                                                        | 301            |
| 278                                                                                        | 1110           | 301                                                                                        | 302            |
| 279                                                                                        | 1114           | 302                                                                                        | 303            |
| 280                                                                                        | 1118           | 303                                                                                        | 304            |
| 281                                                                                        | 1122           | 304                                                                                        | 305            |
| 282                                                                                        | 1126           | 305                                                                                        | 306            |
| 283                                                                                        | 1130           | 306                                                                                        | 307            |
| 284                                                                                        | 1134           | 307                                                                                        | 308            |
| 285                                                                                        | 1138           | 308                                                                                        | 309            |
| 286                                                                                        | 1142           | 309                                                                                        | 310            |
| 287                                                                                        | 1146           | 310                                                                                        | 311            |
| 288                                                                                        | 1150           | 311                                                                                        | 312            |
| 289                                                                                        | 1154           | 312                                                                                        | 313            |
| 290                                                                                        | 1158           | 313                                                                                        | 314            |
| 291                                                                                        | 1162           | 314                                                                                        | 315            |
| 292                                                                                        | 1166           | 315                                                                                        | 316            |
| 293                                                                                        | 1170           | 316                                                                                        | 317            |
| 294                                                                                        | 1174           | 317                                                                                        | 318            |
| 295                                                                                        | 1178           | 318                                                                                        | 319            |
| 296                                                                                        | 1182           | 319                                                                                        | 320            |
| 297                                                                                        | 1186           | 320                                                                                        | 321            |
| 298                                                                                        | 1190           | 321                                                                                        | 322            |
| 299                                                                                        | 1194           | 322                                                                                        | 323            |
| 300                                                                                        | 1198           | 323                                                                                        | 324            |
| 301                                                                                        | 1202           | 324                                                                                        | 325            |
| 302                                                                                        | 1206           | 325                                                                                        | 326            |
| 303                                                                                        | 1210           | 326                                                                                        | 327            |
| 304                                                                                        | 1214           | 327                                                                                        | 328            |
| 305                                                                                        | 1218           | 328                                                                                        | 329            |
| 306                                                                                        | 1222           | 329                                                                                        | 330            |
| 307                                                                                        | 1226           | 330                                                                                        | 331            |
| 308                                                                                        | 1230           | 331                                                                                        | 332            |
| 309                                                                                        | 1234           | 332                                                                                        | 333            |
| 310                                                                                        | 1238           | 333                                                                                        | 334            |
| 311                                                                                        | 1242           | 334                                                                                        | 335            |
| 312                                                                                        | 1246           | 335                                                                                        | 336            |
| 313                                                                                        | 1250           | 336                                                                                        | 337            |
| 314                                                                                        | 1254           | 337                                                                                        | 338            |
| 315                                                                                        | 1258           | 338                                                                                        | 339            |
| 316                                                                                        | 1262           | 339                                                                                        | 340            |
| 317                                                                                        | 1266           | 340                                                                                        | 341            |
| 318                                                                                        | 1270           | 341                                                                                        | 342            |
| 319                                                                                        | 1274           | 342                                                                                        | 343            |
| 320                                                                                        | 1278           | 343                                                                                        | 344            |
| 321                                                                                        | 1282           | 344                                                                                        | 345            |
| 322                                                                                        | 1286           | 345                                                                                        | 346            |
| 323                                                                                        | 1290           | 346                                                                                        | 347            |
| 324                                                                                        | 1294           | 347                                                                                        | 348            |
| 325                                                                                        | 1298           | 348                                                                                        | 349            |
| 326                                                                                        | 1302           | 349                                                                                        | 350            |
| 327                                                                                        | 1306           | 350                                                                                        | 351            |
| 328                                                                                        | 1310           |                                                                                            |                |

| Table of Site Index by Breast Height Age and Height<br>Species: Hwi – Interior Western Hemlock |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|------------------------------------------------------------------------------------------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|
| Age<br>@ bh                                                                                    | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |
|                                                                                                | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 10                                                                                             | 24             | 28 | 32 | 35 | 39 | 41 | 43 | 45 | 46 | 48 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |  |
| 15                                                                                             | 16             | 19 | 22 | 25 | 27 | 30 | 32 | 34 | 36 | 39 | 41 | 42 | 43 | 45 | 47 | 48 | 49 |    |    |    |    |    |    |  |
| 20                                                                                             | 12             | 15 | 17 | 19 | 21 | 23 | 25 | 27 | 29 | 31 | 32 | 34 | 36 | 37 | 39 | 40 | 42 | 43 | 45 | 47 | 48 | 49 |    |  |
| 25                                                                                             | 10             | 12 | 14 | 16 | 17 | 19 | 21 | 22 | 24 | 25 | 27 | 28 | 30 | 31 | 33 | 34 | 36 | 37 | 38 | 40 | 41 | 42 | 44 |  |
| 30                                                                                             | 8              | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 25 | 26 | 27 | 28 | 30 | 31 | 32 | 33 | 35 | 36 | 37 | 38 |  |
| 35                                                                                             | 7              | 9  | 10 | 11 | 13 | 14 | 15 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 25 | 26 | 28 | 29 | 30 | 31 | 32 | 33 | 35 |  |
| 40                                                                                             | 6              | 7  | 9  | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |
| 45                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 50                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 55                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 60                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 65                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 70                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 75                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 80                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 85                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 90                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 95                                                                                             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 100                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 105                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 110                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 115                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 120                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 125                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 130                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 135                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 140                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 145                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 150                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 155                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 160                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 165                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 170                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 175                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 180                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 185                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 190                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 195                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |
| 200                                                                                            | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |

Years to Boring Height

Site Index

Correct yrs

56789101112131415161718192021222324252627282930313233343536373839

| Table of Site Index by Breast Height Age and Height<br>Species: Hwi – Interior Western Hemlock |                |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|------------------------------------------------------------------------------------------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| Age<br>@ bh                                                                                    | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|                                                                                                | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10                                                                                             | 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15                                                                                             | 45             | 46 | 47 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 20                                                                                             | 40             | 41 | 42 | 43 | 44 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 25                                                                                             | 36             | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30                                                                                             | 33             | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 35                                                                                             | 30             | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 40                                                                                             | 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 45                                                                                             | 25             | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 50                                                                                             | 23             | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |
| 55                                                                                             | 21             | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |    |
| 60                                                                                             | 20             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |    |
| 65                                                                                             | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |    |
| 70                                                                                             | 18             | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |    |
| 75                                                                                             | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |    |
| 80                                                                                             | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |    |
| 85                                                                                             | 15             | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |    |
| 90                                                                                             | 14             | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |    |
| 95                                                                                             | 13             | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    |
| 100                                                                                            | 12             | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |
| 105                                                                                            | 11             | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 110                                                                                            | 10             | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 |    |    |    |    |    |    |    |

## A.9.3 Provincial – Coast and Interior

Table of Site Index by Breast Height Age and Height  
Species: Act – Black Cottonwood – Provincial

| Age @ bh | 18 | 19 | 20 | 21 | Top Height (m) |    |    |    |    | Site Index (m) |    |     |    |    | 26 | 27 | 28 | Age @ bh |
|----------|----|----|----|----|----------------|----|----|----|----|----------------|----|-----|----|----|----|----|----|----------|
|          |    |    |    |    | 22             | 23 | 24 | 25 | 26 | 27             | 28 | 29  | 30 | 31 | 32 | 33 | 34 |          |
| 10       | 47 | 49 | 50 | 52 | 53             | 55 | 56 | 57 | 59 | 60             | 61 | 10  |    |    |    |    |    | 10       |
| 15       | 38 | 40 | 41 | 42 | 43             | 45 | 46 | 47 | 48 | 49             | 51 | 15  |    |    |    |    |    | 15       |
| 20       | 33 | 34 | 35 | 36 | 37             | 39 | 40 | 41 | 42 | 43             | 44 | 20  |    |    |    |    |    | 20       |
| 25       | 29 | 30 | 31 | 32 | 33             | 34 | 35 | 37 | 38 | 39             | 40 | 25  |    |    |    |    |    | 25       |
| 30       | 26 | 27 | 28 | 29 | 30             | 31 | 32 | 33 | 34 | 35             | 36 | 30  |    |    |    |    |    | 30       |
| 35       | 23 | 24 | 25 | 26 | 27             | 29 | 30 | 31 | 32 | 33             | 34 | 35  |    |    |    |    |    | 35       |
| 40       | 21 | 22 | 23 | 24 | 25             | 26 | 27 | 28 | 29 | 30             | 31 | 40  |    |    |    |    |    | 40       |
| 45       | 19 | 21 | 22 | 23 | 24             | 25 | 26 | 27 | 28 | 29             | 30 | 45  |    |    |    |    |    | 45       |
| 50       | 18 | 19 | 20 | 21 | 22             | 23 | 24 | 25 | 26 | 27             | 28 | 50  |    |    |    |    |    | 50       |
| 55       | 17 | 18 | 19 | 20 | 21             | 22 | 23 | 24 | 25 | 26             | 27 | 55  |    |    |    |    |    | 55       |
| 60       | 16 | 17 | 18 | 19 | 20             | 21 | 22 | 23 | 24 | 25             | 26 | 60  |    |    |    |    |    | 60       |
| 65       | 15 | 16 | 17 | 18 | 19             | 20 | 21 | 22 | 23 | 24             | 25 | 65  |    |    |    |    |    | 65       |
| 70       | 14 | 15 | 16 | 17 | 18             | 19 | 20 | 21 | 22 | 23             | 24 | 70  |    |    |    |    |    | 70       |
| 75       | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22             | 23 | 75  |    |    |    |    |    | 75       |
| 80       | 12 | 13 | 14 | 15 | 16             | 17 | 18 | 19 | 20 | 21             | 22 | 80  |    |    |    |    |    | 80       |
| 85       | 11 | 12 | 13 | 14 | 15             | 16 | 17 | 18 | 19 | 20             | 21 | 85  |    |    |    |    |    | 85       |
| 90       | 11 | 12 | 13 | 14 | 15             | 16 | 17 | 18 | 19 | 20             | 21 | 90  |    |    |    |    |    | 90       |
| 95       | 10 | 11 | 12 | 13 | 14             | 15 | 16 | 17 | 18 | 19             | 20 | 95  |    |    |    |    |    | 95       |
| 100      | 10 | 10 | 11 | 12 | 13             | 14 | 15 | 16 | 17 | 18             | 19 | 100 |    |    |    |    |    | 100      |
| 105      | 9  | 10 | 10 | 11 | 12             | 13 | 14 | 15 | 16 | 17             | 18 | 105 |    |    |    |    |    | 105      |
| 110      | 9  | 9  | 10 | 11 | 12             | 13 | 14 | 15 | 16 | 17             | 18 | 110 |    |    |    |    |    | 110      |
| 115      | 8  | 9  | 9  | 10 | 11             | 12 | 13 | 14 | 15 | 16             | 17 | 115 |    |    |    |    |    | 115      |
| 120      | 8  | 8  | 9  | 10 | 11             | 12 | 13 | 14 | 15 | 16             | 17 | 120 |    |    |    |    |    | 120      |
| 125      | 7  | 8  | 8  | 9  | 10             | 11 | 12 | 13 | 14 | 15             | 16 | 125 |    |    |    |    |    | 125      |
| 130      | 7  | 7  | 8  | 8  | 9              | 10 | 11 | 12 | 13 | 14             | 15 | 130 |    |    |    |    |    | 130      |
| 135      | 7  | 7  | 7  | 8  | 8              | 9  | 10 | 11 | 12 | 13             | 14 | 135 |    |    |    |    |    | 135      |
| 140      | 6  | 7  | 7  | 7  | 8              | 8  | 9  | 10 | 11 | 12             | 13 | 140 |    |    |    |    |    | 140      |
| 145      | 6  | 6  | 7  | 7  | 7              | 8  | 8  | 9  | 10 | 11             | 12 | 145 |    |    |    |    |    | 145      |
| 150      | 6  | 6  | 6  | 7  | 7              | 7  | 8  | 8  | 9  | 10             | 11 | 150 |    |    |    |    |    | 150      |
| 155      | 6  | 6  | 6  | 6  | 7              | 7  | 7  | 8  | 8  | 9              | 10 | 155 |    |    |    |    |    | 155      |
| 160      | 6  | 6  | 6  | 6  | 6              | 7  | 7  | 7  | 8  | 8              | 9  | 160 |    |    |    |    |    | 160      |
| 165      | 5  | 6  | 6  | 6  | 6              | 6  | 7  | 7  | 7  | 8              | 8  | 165 |    |    |    |    |    | 165      |
| 170      | 5  | 5  | 6  | 6  | 6              | 6  | 6  | 7  | 7  | 7              | 8  | 170 |    |    |    |    |    | 170      |
| 175      | 5  | 5  | 5  | 6  | 6              | 6  | 6  | 6  | 7  | 7              | 7  | 175 |    |    |    |    |    | 175      |
| 180      | 5  | 5  | 5  | 5  | 6              | 6  | 6  | 6  | 6  | 7              | 7  | 180 |    |    |    |    |    | 180      |
| 185      | 5  | 5  | 5  | 5  | 5              | 6  | 6  | 6  | 6  | 6              | 7  | 185 |    |    |    |    |    | 185      |
| 190      | 5  | 5  | 5  | 5  | 5              | 5  | 6  | 6  | 6  | 6              | 6  | 190 |    |    |    |    |    | 190      |
| 195      | 5  | 5  | 5  | 5  | 5              | 5  | 5  | 6  | 6  | 6              | 6  | 195 |    |    |    |    |    | 195      |
| 200      | 5  | 5  | 5  | 5  | 5              | 5  | 5  | 5  | 5  | 5              | 5  | 200 |    |    |    |    |    | 200      |

Years to Boring Height

| Site Index (m) | All S.I.'s |
|----------------|------------|
| Correct yrs    | 2          |

Page 2

Table of Site Index by Breast Height Age and Height  
Species: Act – Black Cottonwood – Provincial

| Age @ bh | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|----------|----------------|----|----|----|----|----|----|----|----|----|----|----|
|          | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |
|          | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |
| 10       | 24             | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 41 | 43 | 44 | 46 |
| 15       | 18             | 20 | 22 | 24 | 26 | 28 | 29 | 31 | 33 | 34 | 35 | 37 |
| 20       | 14             | 16 | 18 | 20 | 21 | 23 | 24 | 26 | 27 | 29 | 30 | 31 |
| 25       | 12             | 13 | 15 | 17 | 18 | 20 | 21 | 22 | 24 | 25 | 26 | 27 |
| 30       | 10             | 11 | 13 | 14 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 |
| 35       | 9              | 10 | 11 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 |
| 40       | 7              | 9  | 10 | 11 | 12 | 13 | 15 | 16 | 17 | 18 | 19 | 20 |
| 45       | 7              | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| 50       | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| 55       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| 60       | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 |
| 65       | 5              | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 |
| 70       | 5              | 5  | 5  | 6  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 |
| 75       | 5              | 5  | 5  | 5  | 6  | 6  | 7  | 8  | 9  | 10 | 11 | 12 |
| 80       |                |    |    |    | 5  | 6  | 6  | 7  | 8  | 9  | 10 | 11 |
| 85       |                |    |    |    | 5  | 5  | 6  | 6  | 7  | 8  | 9  | 10 |
| 90       |                |    |    |    | 5  | 5  | 5  | 6  | 6  | 7  | 8  | 9  |
| 95       |                |    |    |    | 5  | 5  | 5  | 5  | 6  | 6  | 7  | 8  |
| 100      |                |    |    |    | 5  | 5  | 5  | 5  | 5  | 6  | 6  | 7  |
| 105      |                |    |    |    | 5  | 5  | 5  | 5  | 5  | 5  | 6  | 6  |
| 110      |                |    |    |    | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 6  |
| 115      |                |    |    |    | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
| 120      |                |    |    |    | 5  | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
| 125      |                |    |    |    |    | 5  | 5  | 5  | 5  | 5  | 5  | 5  |
| 130      |                |    |    |    |    |    | 5  | 5  | 5  | 5  | 5  | 5  |
| 135      |                |    |    |    |    |    |    | 5  | 5  | 5  | 5  | 5  |
| 140      |                |    |    |    |    |    |    |    | 5  | 5  | 5  | 5  |
| 145      |                |    |    |    |    |    |    |    |    | 5  | 5  | 5  |
| 150      |                |    |    |    |    |    |    |    |    |    | 5  | 5  |
| 155      |                |    |    |    |    |    |    |    |    |    |    | 5  |
| 160      |                |    |    |    |    |    |    |    |    |    |    |    |
| 165      |                |    |    |    |    |    |    |    |    |    |    |    |
| 170      |                |    |    |    |    |    |    |    |    |    |    |    |
| 175      |                |    |    |    |    |    |    |    |    |    |    |    |
| 180      |                |    |    |    |    |    |    |    |    |    |    |    |
| 185      |                |    |    |    |    |    |    |    |    |    |    |    |
| 190      |                |    |    |    |    |    |    |    |    |    |    |    |
| 195      |                |    |    |    |    |    |    |    |    |    |    |    |
| 200      |                |    |    |    |    |    |    |    |    |    |    |    |

Years to Boring Height

| Site Index (m) | All S.I.'s |
|----------------|------------|
| Correct yrs    | 2          |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
 Date: February 27, 2002  
 Site Index Equation: Thrower (1992)

Page 1

Table of Site Index by Breast Height Age and Height  
Species: Act – Black Cottonwood - Provincial

| Age<br>@ bh | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | Age<br>@ bh |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|
| 10          | 62 | 64 | 65 | 66 | 67 | 68 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 10          |
| 15          | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 15          |
| 20          | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 20          |
| 25          | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 25          |
| 30          | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 30          |
| 35          | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 35          |
| 40          | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 40          |
| 45          | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 45          |
| 50          | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 50          |
| 55          | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 55          |
| 60          | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 60          |
| 65          | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 65          |
| 70          | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 70          |
| 75          | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 75          |
| 80          | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 80          |
| 85          | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 85          |
| 90          | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 90          |
| 95          | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 95          |
| 100         | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 100         |
| 105         | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 105         |
| 110         | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 110         |
| 115         | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 115         |
| 120         | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 120         |
| 125         | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 125         |
| 130         | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 130         |
| 135         | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 135         |
| 140         | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 140         |
| 145         | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 145         |
| 150         | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 150         |
| 155         | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 155         |
| 160         | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 160         |
| 165         | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 165         |
| 170         | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 170         |
| 175         | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 175         |
| 180         | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 180         |
| 185         | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 185         |
| 190         | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 190         |
| 195         | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 195         |
| 200         | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 200         |

Years to Boring Height

Site Index (m)  
Correct yrs

All S.I.'s  
2

Figure A.49 Act – Black Cottonwood - Provincial.

| Table of Site Index by Breast Height Age and Height<br>Species: At & E – Trembling Aspen & Birch – Provincial |                | Table of Site Index by Breast Height Age and Height<br>Species: At & E – Trembling Aspen & Birch – Provincial |                |
|---------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------|----------------|
| Age<br>@ bh                                                                                                   | Top Height (m) | Age<br>@ bh                                                                                                   | Top Height (m) |
| 5                                                                                                             | 6              | 5                                                                                                             | 6              |
| 6                                                                                                             | 7              | 6                                                                                                             | 7              |
| 7                                                                                                             | 8              | 7                                                                                                             | 8              |
| 8                                                                                                             | 9              | 8                                                                                                             | 9              |
| 9                                                                                                             | 10             | 9                                                                                                             | 10             |
| 10                                                                                                            | 11             | 10                                                                                                            | 11             |
| 11                                                                                                            | 12             | 11                                                                                                            | 12             |
| 12                                                                                                            | 13             | 12                                                                                                            | 13             |
| 13                                                                                                            | 14             | 13                                                                                                            | 14             |
| 14                                                                                                            | 15             | 14                                                                                                            | 15             |
| 15                                                                                                            | 16             | 15                                                                                                            | 16             |
| 16                                                                                                            | 17             | 16                                                                                                            | 17             |
| 17                                                                                                            | 18             | 17                                                                                                            | 18             |
| 18                                                                                                            | 19             | 18                                                                                                            | 19             |
| 19                                                                                                            | 20             | 19                                                                                                            | 20             |
| 20                                                                                                            | 21             | 20                                                                                                            | 21             |
| 21                                                                                                            | 22             | 21                                                                                                            | 22             |
| 22                                                                                                            | 23             | 22                                                                                                            | 23             |
| 23                                                                                                            | 24             | 23                                                                                                            | 24             |
| 24                                                                                                            | 25             | 24                                                                                                            | 25             |
| 25                                                                                                            | 26             | 25                                                                                                            | 26             |
| 26                                                                                                            | 27             | 26                                                                                                            | 27             |
| 27                                                                                                            | 28             | 27                                                                                                            | 28             |
| 28                                                                                                            | 29             | 28                                                                                                            | 29             |
| 29                                                                                                            | 30             | 29                                                                                                            | 30             |
| 30                                                                                                            | 31             | 30                                                                                                            | 31             |
| 31                                                                                                            | 32             | 31                                                                                                            | 32             |
| 32                                                                                                            | 33             | 32                                                                                                            | 33             |
| 33                                                                                                            | 34             | 33                                                                                                            | 34             |
| 34                                                                                                            | 35             | 34                                                                                                            | 35             |
| 35                                                                                                            | 36             | 35                                                                                                            | 36             |
| 36                                                                                                            | 37             | 36                                                                                                            | 37             |
| 37                                                                                                            | 38             | 37                                                                                                            | 38             |
| 38                                                                                                            | 39             | 38                                                                                                            | 39             |
| 39                                                                                                            | 40             | 39                                                                                                            | 40             |
| 40                                                                                                            | 41             | 40                                                                                                            | 41             |
| 41                                                                                                            | 42             | 41                                                                                                            | 42             |
| 42                                                                                                            | 43             | 42                                                                                                            | 43             |
| 43                                                                                                            | 44             | 43                                                                                                            | 44             |
| 44                                                                                                            | 45             | 44                                                                                                            | 45             |
| 45                                                                                                            | 46             | 45                                                                                                            | 46             |
| 46                                                                                                            | 47             | 46                                                                                                            | 47             |
| 47                                                                                                            | 48             | 47                                                                                                            | 48             |
| 48                                                                                                            | 49             | 48                                                                                                            | 49             |
| 49                                                                                                            | 50             | 49                                                                                                            | 50             |
| 50                                                                                                            | 51             | 50                                                                                                            | 51             |
| 51                                                                                                            | 52             | 51                                                                                                            | 52             |
| 52                                                                                                            | 53             | 52                                                                                                            | 53             |
| 53                                                                                                            | 54             | 53                                                                                                            | 54             |
| 54                                                                                                            | 55             | 54                                                                                                            | 55             |
| 55                                                                                                            | 56             | 55                                                                                                            | 56             |
| 56                                                                                                            | 57             | 56                                                                                                            | 57             |
| 57                                                                                                            | 58             | 57                                                                                                            | 58             |
| 58                                                                                                            | 59             | 58                                                                                                            | 59             |
| 59                                                                                                            | 60             | 59                                                                                                            | 60             |
| 60                                                                                                            | 61             | 60                                                                                                            | 61             |
| 61                                                                                                            | 62             | 61                                                                                                            | 62             |
| 62                                                                                                            | 63             | 62                                                                                                            | 63             |
| 63                                                                                                            | 64             | 63                                                                                                            | 64             |
| 64                                                                                                            | 65             | 64                                                                                                            | 65             |
| 65                                                                                                            | 66             | 65                                                                                                            | 66             |
| 66                                                                                                            | 67             | 66                                                                                                            | 67             |
| 67                                                                                                            | 68             | 67                                                                                                            | 68             |
| 68                                                                                                            | 69             | 68                                                                                                            | 69             |
| 69                                                                                                            | 70             | 69                                                                                                            | 70             |
| 70                                                                                                            | 71             | 70                                                                                                            | 71             |
| 71                                                                                                            | 72             | 71                                                                                                            | 72             |
| 72                                                                                                            | 73             | 72                                                                                                            | 73             |
| 73                                                                                                            | 74             | 73                                                                                                            | 74             |
| 74                                                                                                            | 75             | 74                                                                                                            | 75             |
| 75                                                                                                            | 76             | 75                                                                                                            | 76             |
| 76                                                                                                            | 77             | 76                                                                                                            | 77             |
| 77                                                                                                            | 78             | 77                                                                                                            | 78             |
| 78                                                                                                            | 79             | 78                                                                                                            | 79             |
| 79                                                                                                            | 80             | 79                                                                                                            | 80             |
| 80                                                                                                            | 81             | 80                                                                                                            | 81             |
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| Age<br>@ bh                   | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
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| 45                            | 6   | 7   | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16    | 17  | 18 | 19 |
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| 55                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 60                            | 5   | 6   | 7     | 8     | 9     | 10    | 10    | 11    | 12    | 13    | 14    | 15  | 16 | 17 |
| 65                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 70                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 75                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 80                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 85                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 90                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 95                            | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
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| 105                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 110                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 115                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 120                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 125                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 130                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 135                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 140                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
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| 150                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 155                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 160                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 165                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 170                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 175                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 180                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 185                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 190                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 195                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
| 200                           | 5   | 6   | 7     | 8     | 9     | 10    | 11    | 12    | 13    | 14    | 15    | 16  | 17 | 18 |
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| Table of Site Index by Breast Height Age and Height<br>Species: Ba – Amabilis fir – All Balsam Species - Provincial |     |                |       |       |       |       |       |       |       |       |       |     |    | Table of Site Index by Breast Height Age and Height<br>Species: Ba – Amabilis fir – All Balsam Species - Provincial |     |                |       |       |       |       |       |       |       |       |       |     |     |
|---------------------------------------------------------------------------------------------------------------------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|----|---------------------------------------------------------------------------------------------------------------------|-----|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|
| Age<br>@ bh                                                                                                         |     | Top Height (m) |       |       |       |       |       |       |       |       |       |     |    | Age<br>@ bh                                                                                                         |     | Top Height (m) |       |       |       |       |       |       |       |       |       |     |     |
| 33                                                                                                                  | 34  | 35             | 36    | 37    | 38    | 39    | 40    | 41    | 42    | 43    | 44    | 45  | 46 | 47                                                                                                                  | 48  | 49             | 50    | 51    | 52    | 53    | 54    | 55    | 56    | 57    | 58    | 59  | 60  |
| Site Index (m)                                                                                                      |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     |     |
| 10                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 10  |
| 15                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 15  |
| 20                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 20  |
| 25                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 25  |
| 30                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 30  |
| 35                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 35  |
| 40                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 40  |
| 45                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 45  |
| 50                                                                                                                  | 33  |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 50  |
| 55                                                                                                                  | 31  | 32             | 33    |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 55  |
| 60                                                                                                                  | 30  | 30             | 31    | 32    |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 60  |
| 65                                                                                                                  | 28  | 29             | 29    | 30    | 31    | 32    |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 65  |
| 70                                                                                                                  | 27  | 28             | 29    | 29    | 30    | 31    | 32    |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 70  |
| 75                                                                                                                  | 26  | 27             | 27    | 28    | 29    | 30    | 31    | 32    |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 75  |
| 80                                                                                                                  | 25  | 26             | 27    | 28    | 29    | 30    | 31    | 32    |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 80  |
| 85                                                                                                                  | 24  | 25             | 26    | 27    | 28    | 29    | 30    | 31    | 32    |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 85  |
| 90                                                                                                                  | 23  | 24             | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 90  |
| 95                                                                                                                  | 22  | 23             | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 95  |
| 100                                                                                                                 | 21  | 22             | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32  |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 100 |
| 105                                                                                                                 | 20  | 21             | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 31  | 32 |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     | 105 |
| 110                                                                                                                 | 20  | 21             | 22    | 23    | 24    | 25    | 26    | 27    | 28    | 29    | 30    | 30  | 30 | 32                                                                                                                  |     |                |       |       |       |       |       |       |       |       |       |     | 110 |
| 115                                                                                                                 | 20  | 20             | 21    | 22    | 23    | 24    | 25    | 26    | 26    | 27    | 28    | 29  | 30 | 30                                                                                                                  | 31  | 32             |       |       |       |       |       |       |       |       |       |     | 115 |
| 120                                                                                                                 | 19  | 20             | 21    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 27    | 28  | 29 | 29                                                                                                                  | 30  | 31             | 32    |       |       |       |       |       |       |       |       |     | 120 |
| 125                                                                                                                 | 19  | 19             | 20    | 21    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 27  | 28 | 28                                                                                                                  | 29  | 30             | 31    | 32    |       |       |       |       |       |       |       |     | 125 |
| 130                                                                                                                 | 18  | 19             | 20    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 27    | 27  | 28 | 28                                                                                                                  | 29  | 30             | 30    | 31    | 32    |       |       |       |       |       |       |     | 130 |
| 135                                                                                                                 | 18  | 18             | 19    | 20    | 20    | 21    | 22    | 23    | 24    | 25    | 26    | 26  | 27 | 27                                                                                                                  | 28  | 29             | 30    | 30    | 31    | 32    |       |       |       |       |       |     | 135 |
| 140                                                                                                                 | 17  | 18             | 19    | 19    | 20    | 21    | 21    | 22    | 23    | 24    | 25    | 26  | 26 | 27                                                                                                                  | 27  | 28             | 29    | 30    | 31    | 32    |       |       |       |       |       |     | 140 |
| 145                                                                                                                 | 17  | 18             | 18    | 19    | 20    | 20    | 21    | 22    | 23    | 24    | 25    | 25  | 26 | 26                                                                                                                  | 27  | 28             | 28    | 29    | 30    | 31    | 32    |       |       |       |       |     | 145 |
| 150                                                                                                                 | 17  | 17             | 18    | 19    | 20    | 20    | 21    | 22    | 23    | 24    | 25    | 26  | 26 | 27                                                                                                                  | 27  | 28             | 29    | 30    | 30    | 31    | 32    |       |       |       |       |     | 150 |
| 155                                                                                                                 | 16  | 17             | 18    | 19    | 20    | 21    | 21    | 22    | 23    | 24    | 25    | 26  | 26 | 27                                                                                                                  | 27  | 28             | 29    | 30    | 31    | 32    |       |       |       |       |       |     | 155 |
| 160                                                                                                                 | 16  | 17             | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 24    | 25    | 25  | 26 | 26                                                                                                                  | 27  | 28             | 29    | 30    | 31    | 32    |       |       |       |       |       |     | 160 |
| 165                                                                                                                 | 16  | 16             | 17    | 18    | 19    | 20    | 21    | 21    | 22    | 23    | 24    | 24  | 24 | 25                                                                                                                  | 26  | 27             | 28    | 29    | 30    | 31    | 32    |       |       |       |       |     | 165 |
| 170                                                                                                                 | 16  | 17             | 17    | 18    | 19    | 20    | 21    | 21    | 22    | 23    | 24    | 24  | 24 | 24                                                                                                                  | 25  | 26             | 27    | 28    | 29    | 30    | 31    | 32    |       |       |       |     | 170 |
| 175                                                                                                                 | 15  | 16             | 17    | 18    | 19    | 20    | 20    | 21    | 22    | 23    | 24    | 24  | 24 | 24                                                                                                                  | 25  | 26             | 27    | 28    | 29    | 30    | 31    | 32    |       |       |       |     | 175 |
| 180                                                                                                                 | 15  | 16             | 16    | 17    | 18    | 19    | 20    | 21    | 21    | 22    | 23    | 24  | 24 | 24                                                                                                                  | 25  | 26             | 27    | 28    | 29    | 30    | 31    | 32    |       |       |       |     | 180 |
| 185                                                                                                                 | 15  | 16             | 17    | 17    | 18    | 19    | 20    | 21    | 21    | 22    | 23    | 23  | 23 | 23                                                                                                                  | 24  | 25             | 26    | 27    | 28    | 29    | 30    | 31    | 32    |       |       |     | 185 |
| 190                                                                                                                 | 15  | 16             | 16    | 17    | 17    | 18    | 19    | 20    | 21    | 22    | 23    | 23  | 23 | 23                                                                                                                  | 24  | 25             | 26    | 27    | 28    | 29    | 30    | 31    | 32    |       |       |     | 190 |
| 195                                                                                                                 | 14  | 15             | 16    | 16    | 17    | 17    | 18    | 19    | 20    | 21    | 22    | 22  | 22 | 22                                                                                                                  | 23  | 24             | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    |       |     | 195 |
| 200                                                                                                                 | 14  | 15             | 15    | 16    | 16    | 17    | 17    | 18    | 19    | 20    | 21    | 22  | 22 | 22                                                                                                                  | 23  | 24             | 25    | 26    | 27    | 28    | 29    | 30    | 31    | 32    |       |     | 200 |
| Years to Boring Height                                                                                              |     |                |       |       |       |       |       |       |       |       |       |     |    |                                                                                                                     |     |                |       |       |       |       |       |       |       |       |       |     |     |
| Site Index                                                                                                          | 5-7 | 8-9            | 10-12 | 13-14 | 15-17 | 18-19 | 20-21 | 22-24 | 25-26 | 27-29 | 30-31 | 32+ |    | Site Index                                                                                                          | 5-7 | 8-9            | 10-12 | 13-14 | 15-17 | 18-19 | 20-21 | 22-24 | 25-26 | 27-29 | 30-31 | 32+ |     |
| Correct yrs                                                                                                         | 16  | 15             | 14    | 13    | 12    | 11    | 10    | 9     | 8     | 7     | 6     | 5   |    | Correct yrs                                                                                                         | 16  | 15             | 14    | 13    | 12    | 11    | 10    | 9     | 8     | 7     | 6     | 5   |     |

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Figure A.51 Ba – Amabilis Fir – All Balsam Species - Provincial.

Table of Site Index by Breast Height Age and Height  
Species: Cw – Western Redcedar - Provincial

| Age<br>@ bh | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|-------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|             | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|             | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10          | 22             | 26 | 29 | 32 | 36 | 39 | 41 | 44 | 47 | 49 | 52 | 54 | 56 | 58 | 48 | 50 | 52 |
| 15          | 15             | 18 | 21 | 23 | 26 | 28 | 31 | 33 | 35 | 38 | 40 | 42 | 44 | 46 | 38 | 40 | 43 |
| 20          | 12             | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 30 | 32 | 35 |
| 25          | 10             | 12 | 13 | 15 | 17 | 19 | 20 | 22 | 24 | 25 | 27 | 29 | 30 | 32 | 33 | 35 | 37 |
| 30          | 9              | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 25 | 26 | 28 | 29 | 31 | 32 |
| 35          | 8              | 9  | 10 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 21 | 22 | 23 | 25 | 26 | 27 | 28 |
| 40          | 7              | 8  | 9  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 45          | 6              | 7  | 8  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 50          | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 55          | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 60          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 65          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 70          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 75          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 80          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 85          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 90          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 95          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 100         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 105         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 110         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 115         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 120         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 125         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 130         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 135         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 140         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 145         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 150         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 155         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 160         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 165         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 170         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 175         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 180         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 185         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 190         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 195         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 200         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |

Years to Boring Height

| Site Index  | 5-10 | 11-16 | 17-22 | 23-28 | 29-35 | 36-41 | 42-47 | 48+ |
|-------------|------|-------|-------|-------|-------|-------|-------|-----|
| Correct yrs | 12   | 11    | 10    | 9     | 8     | 7     | 6     | 5   |

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Table of Site Index by Breast Height Age and Height  
Species: Cw – Western Redcedar - Provincial

| Age<br>@ bh | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
|-------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|             | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
|             | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10          | 22             | 26 | 29 | 32 | 36 | 39 | 41 | 44 | 47 | 49 | 52 | 54 | 56 | 58 | 48 | 50 | 52 |
| 15          | 15             | 18 | 21 | 23 | 26 | 28 | 31 | 33 | 35 | 38 | 40 | 42 | 44 | 46 | 38 | 40 | 43 |
| 20          | 12             | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 30 | 32 | 35 |
| 25          | 10             | 12 | 13 | 15 | 17 | 19 | 20 | 22 | 24 | 25 | 27 | 29 | 30 | 32 | 33 | 35 | 37 |
| 30          | 9              | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 25 | 26 | 28 | 29 | 31 | 32 |
| 35          | 8              | 9  | 10 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 21 | 22 | 23 | 25 | 26 | 27 | 28 |
| 40          | 7              | 8  | 9  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 45          | 6              | 7  | 8  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |
| 50          | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 55          | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| 60          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 65          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 70          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 75          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 80          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 85          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 90          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 95          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 100         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 105         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 110         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 115         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 120         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 125         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 130         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 135         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 140         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 145         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 150         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 155         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 160         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 165         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 170         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 175         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 180         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 185         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 190         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 195         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 200         | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |

Years to Boring Height

| Site Index  | 5-10 | 11-16 | 17-22 | 23-28 | 29-35 | 36-41 | 42-47 | 48+ |
|-------------|------|-------|-------|-------|-------|-------|-------|-----|
| Correct yrs | 12   | 11    | 10    | 9     | 8     | 7     | 6     | 5   |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
Date: February 27, 2002  
Site Index Equation: Kurucz (1985)

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| Table of Site Index by Breast Height Age and Height<br>Species: Cw – Western Redcedar - Provincial |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
|----------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-----|----|----|----------------|----|----|----|--|
| Age<br>@ bh                                                                                        | 39   | 40    | 41    | 42    | 43    | 44    | 45    | 46  | 47 | 48 | Top Height (m) |    |    |    |  |
|                                                                                                    |      |       |       |       |       |       |       |     |    |    | Site Index (m) |    |    |    |  |
| 10                                                                                                 |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
| 15                                                                                                 |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
| 20                                                                                                 |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
| 25                                                                                                 |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
| 30                                                                                                 |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
| 35                                                                                                 | 50   | 51    |       |       |       |       |       |     |    |    |                |    |    |    |  |
| 40                                                                                                 | 45   | 46    | 48    | 49    | 50    | 51    |       |     |    |    |                |    |    |    |  |
| 45                                                                                                 | 42   | 43    | 44    | 45    | 46    | 47    | 48    | 49  | 50 |    |                |    |    |    |  |
| 50                                                                                                 | 39   | 40    | 41    | 42    | 43    | 44    | 45    | 46  | 47 | 48 |                |    |    |    |  |
| 55                                                                                                 | 37   | 38    | 39    | 40    | 41    | 42    | 43    | 44  | 45 | 46 | 47             | 48 | 49 | 50 |  |
| 60                                                                                                 | 35   | 36    | 37    | 38    | 39    | 40    | 41    | 42  | 43 | 44 | 45             | 46 | 47 | 48 |  |
| 65                                                                                                 | 33   | 34    | 35    | 36    | 37    | 38    | 39    | 40  | 41 | 42 | 43             | 44 | 45 | 46 |  |
| 70                                                                                                 | 32   | 33    | 34    | 35    | 36    | 37    | 38    | 39  | 40 | 41 | 42             | 43 | 44 | 45 |  |
| 75                                                                                                 | 30   | 31    | 32    | 33    | 34    | 35    | 36    | 37  | 38 | 39 | 40             | 41 | 42 | 43 |  |
| 80                                                                                                 | 29   | 30    | 31    | 32    | 33    | 34    | 35    | 36  | 37 | 38 | 39             | 40 | 41 | 42 |  |
| 85                                                                                                 | 28   | 29    | 30    | 31    | 32    | 33    | 34    | 35  | 36 | 37 | 38             | 39 | 40 | 41 |  |
| 90                                                                                                 | 27   | 28    | 29    | 30    | 31    | 32    | 33    | 34  | 35 | 36 | 37             | 38 | 39 | 40 |  |
| 95                                                                                                 | 27   | 27    | 28    | 29    | 30    | 31    | 32    | 33  | 34 | 35 | 36             | 37 | 38 | 39 |  |
| 100                                                                                                | 26   | 27    | 28    | 29    | 30    | 31    | 32    | 33  | 34 | 35 | 36             | 37 | 38 | 39 |  |
| 105                                                                                                | 25   | 26    | 27    | 28    | 29    | 30    | 31    | 32  | 33 | 34 | 35             | 36 | 37 | 38 |  |
| 110                                                                                                | 25   | 26    | 27    | 28    | 29    | 30    | 31    | 32  | 33 | 34 | 35             | 36 | 37 | 38 |  |
| 115                                                                                                | 24   | 25    | 26    | 27    | 28    | 29    | 30    | 31  | 32 | 33 | 34             | 35 | 36 | 37 |  |
| 120                                                                                                | 24   | 25    | 26    | 27    | 28    | 29    | 30    | 31  | 32 | 33 | 34             | 35 | 36 | 37 |  |
| 125                                                                                                | 23   | 24    | 25    | 26    | 27    | 28    | 29    | 30  | 31 | 32 | 33             | 34 | 35 | 36 |  |
| 130                                                                                                | 23   | 24    | 25    | 26    | 27    | 28    | 29    | 30  | 31 | 32 | 33             | 34 | 35 | 36 |  |
| 135                                                                                                | 23   | 24    | 25    | 26    | 27    | 28    | 29    | 30  | 31 | 32 | 33             | 34 | 35 | 36 |  |
| 140                                                                                                | 22   | 23    | 24    | 25    | 26    | 27    | 28    | 29  | 30 | 31 | 32             | 33 | 34 | 35 |  |
| 145                                                                                                | 22   | 23    | 24    | 25    | 26    | 27    | 28    | 29  | 30 | 31 | 32             | 33 | 34 | 35 |  |
| 150                                                                                                | 22   | 23    | 24    | 25    | 26    | 27    | 28    | 29  | 30 | 31 | 32             | 33 | 34 | 35 |  |
| 155                                                                                                | 21   | 22    | 23    | 24    | 25    | 26    | 27    | 28  | 29 | 30 | 31             | 32 | 33 | 34 |  |
| 160                                                                                                | 21   | 22    | 23    | 24    | 25    | 26    | 27    | 28  | 29 | 30 | 31             | 32 | 33 | 34 |  |
| 165                                                                                                | 21   | 22    | 23    | 24    | 25    | 26    | 27    | 28  | 29 | 30 | 31             | 32 | 33 | 34 |  |
| 170                                                                                                | 21   | 22    | 23    | 24    | 25    | 26    | 27    | 28  | 29 | 30 | 31             | 32 | 33 | 34 |  |
| 175                                                                                                | 21   | 22    | 23    | 24    | 25    | 26    | 27    | 28  | 29 | 30 | 31             | 32 | 33 | 34 |  |
| 180                                                                                                | 21   | 22    | 23    | 24    | 25    | 26    | 27    | 28  | 29 | 30 | 31             | 32 | 33 | 34 |  |
| 185                                                                                                | 20   | 21    | 22    | 23    | 24    | 25    | 26    | 27  | 28 | 29 | 30             | 31 | 32 | 33 |  |
| 190                                                                                                | 20   | 21    | 22    | 23    | 24    | 25    | 26    | 27  | 28 | 29 | 30             | 31 | 32 | 33 |  |
| 195                                                                                                | 20   | 21    | 22    | 23    | 24    | 25    | 26    | 27  | 28 | 29 | 30             | 31 | 32 | 33 |  |
| 200                                                                                                | 20   | 21    | 22    | 23    | 24    | 25    | 26    | 27  | 28 | 29 | 30             | 31 | 32 | 33 |  |
| Years to Boring Height                                                                             |      |       |       |       |       |       |       |     |    |    |                |    |    |    |  |
| Site Index                                                                                         | 5-10 | 11-16 | 17-22 | 23-28 | 29-35 | 36-41 | 42-47 | 48+ |    |    |                |    |    |    |  |
| Correct yrs                                                                                        | 12   | 11    | 10    | 9     | 8     | 7     | 6     | 5   |    |    |                |    |    |    |  |

| Table of Site Index by Breast Height Age and Height<br>Species: Cw – Western Redcedar - Provincial |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
|----------------------------------------------------------------------------------------------------|------|-------|-------|-------|-------|-------|-------|-----|----|----|----|----|----|----|----|
| Age<br>@ bh                                                                                        | 55   | 56    | 57    | 58    | 59    | 60    | 61    | 62  | 63 | 64 | 65 | 66 | 67 | 68 | 69 |
|                                                                                                    |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 10                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 15                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 20                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 25                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 30                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 35                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 40                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 45                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 50                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 55                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 60                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 65                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 70                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 75                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 80                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 85                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 90                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 95                                                                                                 |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 100                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 105                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 110                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 115                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 120                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 125                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 130                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 135                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 140                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 145                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 150                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 155                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 160                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 165                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 170                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 175                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 180                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 185                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 190                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 195                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| 200                                                                                                |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| Years to Boring Height                                                                             |      |       |       |       |       |       |       |     |    |    |    |    |    |    |    |
| Site Index                                                                                         | 5-10 | 11-16 | 17-22 | 23-28 | 29-35 | 36-41 | 42-47 | 48+ |    |    |    |    |    |    |    |
| Correct yrs                                                                                        | 12   | 11    | 10    | 9     | 8     | 7     | 6     | 5   |    |    |    |    |    |    |    |

Figure A.52 Cw – Western Redcedar - Provincial.

| Table of Site Index by Breast Height Age and Height<br>Species: Dr – Red Alder - Provincial |    |      |       |       |     |                           |    |      |       |       |     |    |    |    | Table of Site Index by Breast Height Age and Height<br>Species: Dr – Red Alder - Provincial |    |    |    |    |    |    |    |    |    |    |    |    |    |            |
|---------------------------------------------------------------------------------------------|----|------|-------|-------|-----|---------------------------|----|------|-------|-------|-----|----|----|----|---------------------------------------------------------------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|------------|
| Age<br>@bh                                                                                  | 6  | 7    | 8     | 9     | 10  | 11                        | 12 | 13   | 14    | 15    | 16  | 17 | 18 | 19 | 20                                                                                          | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | Age<br>@bh |
| Site Index (m)                                                                              |    |      |       |       |     |                           |    |      |       |       |     |    |    |    | Site Index (m)                                                                              |    |    |    |    |    |    |    |    |    |    |    |    |    |            |
| 10                                                                                          | 13 | 16   | 18    | 21    | 23  | 26                        | 28 | 31   | 33    | 36    | 38  |    |    |    | 29                                                                                          | 31 | 32 |    |    |    |    |    |    |    |    |    |    |    | 10         |
| 15                                                                                          | 10 | 12   | 13    | 15    | 17  | 19                        | 21 | 22   | 24    | 26    | 28  | 30 | 31 | 33 |                                                                                             |    |    |    |    |    |    |    |    |    |    |    |    |    | 15         |
| 20                                                                                          | 8  | 10   | 11    | 13    | 14  | 16                        | 17 | 19   | 20    | 22    | 23  | 25 | 26 | 28 |                                                                                             |    |    |    |    |    |    |    |    |    |    |    |    |    | 20         |
| 25                                                                                          | 7  | 9    | 10    | 11    | 13  | 14                        | 15 | 17   | 18    | 19    | 21  | 22 | 23 | 25 |                                                                                             |    | 32 | 30 |    |    |    |    |    |    |    |    |    |    | 25         |
| 30                                                                                          | 7  | 8    | 9     | 11    | 12  | 13                        | 14 | 15   | 17    | 18    | 19  | 20 | 21 | 23 |                                                                                             | 24 | 25 | 26 | 27 | 29 | 30 |    |    |    |    |    |    |    | 30         |
| 35                                                                                          | 7  | 8    | 9     | 10    | 11  | 12                        | 13 | 15   | 16    | 17    | 18  | 19 | 20 | 21 |                                                                                             | 22 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    |    |    |    | 35         |
| 40                                                                                          | 6  | 7    | 9     | 10    | 11  | 12                        | 13 | 14   | 15    | 16    | 17  | 18 | 19 | 20 |                                                                                             | 21 | 22 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    |    |    | 40         |
| 45                                                                                          | 6  | 7    | 8     | 9     | 10  | 11                        | 12 | 13   | 14    | 15    | 16  | 18 | 19 | 20 |                                                                                             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    |    | 45         |
| 50                                                                                          | 6  | 7    | 8     | 9     | 10  | 11                        | 12 | 13   | 14    | 15    | 16  | 17 | 18 | 19 |                                                                                             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    | 50         |
| 55                                                                                          | 6  | 7    | 8     | 9     | 10  | 11                        | 12 | 13   | 14    | 15    | 16  | 17 | 18 | 19 |                                                                                             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    | 55         |
| 60                                                                                          | 6  | 7    | 8     | 9     | 10  | 11                        | 12 | 13   | 14    | 15    | 16  | 17 | 18 |    | 19                                                                                          | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    |    |    | 60         |
| 65                                                                                          | 6  | 7    | 8     | 9     | 9   | 10                        | 11 | 12   | 13    | 14    | 15  | 16 | 17 | 18 |                                                                                             | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 |    |    |    | 65         |
| 70                                                                                          | 6  | 7    | 7     | 8     | 9   | 10                        | 11 | 12   | 13    | 14    | 15  | 16 | 17 | 18 |                                                                                             | 19 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |    | 70         |
| 75                                                                                          | 6  | 6    | 7     | 8     | 9   | 10                        | 11 | 12   | 13    | 14    | 15  | 16 | 17 | 17 |                                                                                             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 27 | 28 |    | 75         |
| 80                                                                                          | 6  | 6    | 7     | 8     | 9   | 10                        | 11 | 12   | 13    | 14    | 15  | 15 | 16 | 17 |                                                                                             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 24 | 25 | 26 | 27 | 28 |    | 80         |
| 85                                                                                          | 5  | 6    | 7     | 8     | 9   | 10                        | 11 | 12   | 13    | 14    | 14  | 15 | 16 | 17 |                                                                                             | 18 | 19 | 20 | 21 | 22 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 85         |
| 90                                                                                          | 5  | 6    | 7     | 8     | 9   | 10                        | 11 | 12   | 13    | 13    | 14  | 15 | 16 | 17 |                                                                                             | 18 | 19 | 20 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 28 | 90         |
| 95                                                                                          | 5  | 6    | 7     | 8     | 9   | 10                        | 11 | 12   | 12    | 13    | 14  | 15 | 16 | 17 |                                                                                             | 18 | 19 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 26 | 27 | 28 | 95         |
| 100                                                                                         | 5  | 6    | 7     | 8     | 9   | 10                        | 11 | 11   | 12    | 13    | 14  | 15 | 16 | 17 |                                                                                             | 18 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 25 | 26 | 27 | 28 | 100        |
| Years to Boring Height                                                                      |    |      |       |       |     |                           |    |      |       |       |     |    |    |    | Years to Boring Height                                                                      |    |    |    |    |    |    |    |    |    |    |    |    |    |            |
| Site Index<br>Correct yrs                                                                   | ≤6 | 7-14 | 15-21 | 22-28 | 29+ | Site Index<br>Correct yrs | ≤6 | 7-14 | 15-21 | 22-28 | 29+ |    |    |    |                                                                                             |    |    |    |    |    |    |    |    |    |    |    |    |    |            |
|                                                                                             | 5  | 4    | 3     | 2     | 1   |                           | 5  | 4    | 3     | 2     | 1   |    |    |    |                                                                                             |    |    |    |    |    |    |    |    |    |    |    |    |    |            |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
 Date: February 27, 2002  
 Site Index Equation: Nigh and Courtin (1998)

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Figure A.53 Dr - Red Alder - Provincial.

Table of Site Index by Breast Height Age and Height  
Species: Lw – Western Larch - Provincial

| Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  | Site Index (m) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Age<br>@ bh |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |  |                |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Years to Boring Height

| Site Index<br>Correct yrs | Years to Boring Height |    |    |    |    |    |       |       |       |       |       |       |   | 41+ |
|---------------------------|------------------------|----|----|----|----|----|-------|-------|-------|-------|-------|-------|---|-----|
|                           | 5                      | 6  | 7  | 8  | 9  | 10 | 11-12 | 13-14 | 15-16 | 17-21 | 22-27 | 28-40 |   |     |
|                           | 21                     | 18 | 16 | 14 | 13 | 12 | 11    | 10    | 9     | 8     | 7     | 6     | 5 |     |

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Table of Site Index by Breast Height Age and Height  
Species: Lw – Western Larch - Provincial

| Age<br>@ bh            | Top Height (m) |    |    |    |    |    |       |       |       |       | Site Index (m) |       |     |    |    |    |    |    |    |    | Age<br>@ bh |    |    |    |
|------------------------|----------------|----|----|----|----|----|-------|-------|-------|-------|----------------|-------|-----|----|----|----|----|----|----|----|-------------|----|----|----|
|                        | 5              | 6  | 7  | 8  | 9  | 10 | 11    | 12    | 13    | 14    | 15             | 16    | 17  | 18 | 19 | 20 | 21 | 22 | 23 | 24 |             | 25 | 26 | 27 |
| 10                     | 20             | 23 | 26 | 29 | 32 | 35 | 38    | 41    | 44    | 47    | 50             | 20    | 23  | 26 | 29 | 32 | 35 | 38 | 41 | 43 | 45          | 47 | 49 | 40 |
| 15                     | 15             | 17 | 19 | 22 | 24 | 26 | 28    | 30    | 32    | 34    | 36             | 39    | 41  | 43 | 45 | 47 | 49 | 51 | 53 | 55 | 57          | 59 | 61 | 63 |
| 20                     | 13             | 14 | 16 | 18 | 19 | 21 | 23    | 25    | 26    | 28    | 30             | 31    | 33  | 35 | 36 | 38 | 40 | 41 | 43 | 45 | 47          | 48 | 50 | 53 |
| 25                     | 11             | 12 | 14 | 15 | 17 | 18 | 20    | 21    | 22    | 24    | 25             | 27    | 28  | 30 | 31 | 33 | 34 | 35 | 37 | 38 | 40          | 41 | 43 | 45 |
| 30                     | 9              | 11 | 12 | 13 | 15 | 16 | 17    | 18    | 20    | 21    | 22             | 24    | 25  | 26 | 27 | 29 | 30 | 31 | 33 | 34 | 35          | 36 | 38 | 40 |
| 35                     | 8              | 9  | 11 | 12 | 13 | 14 | 15    | 16    | 18    | 19    | 20             | 21    | 22  | 23 | 25 | 26 | 27 | 28 | 29 | 30 | 32          | 33 | 34 | 36 |
| 40                     | 7              | 8  | 9  | 10 | 12 | 13 | 14    | 15    | 16    | 17    | 18             | 19    | 20  | 21 | 22 | 23 | 25 | 26 | 27 | 28 | 29          | 30 | 32 | 33 |
| 45                     | 6              | 7  | 8  | 9  | 10 | 11 | 12    | 13    | 14    | 15    | 16             | 17    | 18  | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26          | 27 | 28 | 29 |
| 50                     | 5              | 6  | 7  | 8  | 9  | 10 | 11    | 12    | 13    | 14    | 15             | 16    | 17  | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25          | 26 | 27 | 28 |
| 55                     | 5              | 6  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 60                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 65                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 70                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 75                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 80                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 85                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 90                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 95                     | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 100                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 105                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 110                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 115                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 120                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 125                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 130                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 135                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 140                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 145                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 150                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 155                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 160                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 165                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 170                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 175                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 180                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 185                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 190                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 195                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| 200                    | 5              | 5  | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14             | 15    | 16  | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 23          | 24 | 25 | 26 |
| Years to Boring Height |                |    |    |    |    |    |       |       |       |       |                |       |     |    |    |    |    |    |    |    |             |    |    |    |
| Site Index             | 5              | 6  | 7  | 8  | 9  | 10 | 11-12 | 13-14 | 15-16 | 17-21 | 22-27          | 28-40 | 41+ |    |    |    |    |    |    |    |             |    |    |    |
| Correct yrs            | 21             | 18 | 16 | 14 | 13 | 12 | 11    | 10    | 9     | 8     | 7              | 6     | 5   |    |    |    |    |    |    |    |             |    |    |    |

Years to Boring Height

| Site Index<br>Correct yrs | Years to Boring Height |    |    |    |    |    |       |       |       |       | Years to Boring Height |       |     |  |  |  |  |  |  |  | Site Index<br>Correct yrs | 41+ |  |
|---------------------------|------------------------|----|----|----|----|----|-------|-------|-------|-------|------------------------|-------|-----|--|--|--|--|--|--|--|---------------------------|-----|--|
|                           | 5                      | 6  | 7  | 8  | 9  | 10 | 11-12 | 13-14 | 15-16 | 17-21 | 22-27                  | 28-40 | 41+ |  |  |  |  |  |  |  |                           |     |  |
|                           | 21                     | 18 | 16 | 14 | 13 | 12 | 11    | 10    | 9     | 8     | 7                      | 6     | 5   |  |  |  |  |  |  |  |                           |     |  |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
Date: March 11, 2002  
Site Index Equation: Milner (1992)

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Figure A.54 Lw – Western Larch – Provincial.

**Figure A.55 Pli – Lodgepole Pine - Provincial.**

| Age @ bh | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    | Site Index (m) |    |    |    |    |    |    |    |    |    |    |     | Age @ bh |
|----------|----------------|----|----|----|----|----|----|----|----|----|----|----|----------------|----|----|----|----|----|----|----|----|----|----|-----|----------|
|          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |     |          |
| 10       | 19             | 22 | 25 | 28 | 31 | 33 | 36 | 38 | 41 | 43 | 45 | 47 | 49             | 39 | 40 | 42 | 44 | 45 | 47 | 48 | 50 |    |    | 10  |          |
| 15       | 13             | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 35 | 37             | 32 | 33 | 35 | 36 | 38 | 39 | 40 | 42 | 43 | 44 | 15  |          |
| 20       | 11             | 12 | 14 | 16 | 18 | 20 | 21 | 23 | 24 | 26 | 27 | 29 | 30             | 32 | 33 | 35 | 36 | 38 | 39 | 40 | 42 | 43 | 44 | 20  |          |
| 25       | 30             | 8  | 9  | 10 | 12 | 13 | 14 | 16 | 17 | 18 | 20 | 21 | 22             | 23 | 25 | 26 | 28 | 29 | 30 | 31 | 33 | 34 | 35 | 25  |          |
| 30       | 8              | 9  | 10 | 12 | 13 | 14 | 15 | 17 | 18 | 20 | 21 | 22 | 23             | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 30  |          |
| 35       | 6              | 7  | 8  | 9  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 35  |          |
| 40       | 4              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 40  |          |
| 45       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 45  |          |
| 50       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 50  |          |
| 55       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 55  |          |
| 60       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 60  |          |
| 65       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 65  |          |
| 70       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 70  |          |
| 75       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 75  |          |
| 80       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 80  |          |
| 85       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 85  |          |
| 90       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 90  |          |
| 95       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 95  |          |
| 100      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 100 |          |
| 105      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 105 |          |
| 110      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 110 |          |
| 115      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 115 |          |
| 120      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 120 |          |
| 125      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 125 |          |
| 130      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 130 |          |
| 135      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 135 |          |
| 140      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 140 |          |
| 145      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 145 |          |
| 150      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 150 |          |
| 155      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 155 |          |
| 160      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 160 |          |
| 165      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 165 |          |
| 170      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 170 |          |
| 175      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 175 |          |
| 180      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 180 |          |
| 185      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 185 |          |
| 190      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 190 |          |
| 195      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 195 |          |
| 200      | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 200 |          |

| Years to Boring Height |    |    |    |    |    |                                                                                                                                                                                                                                                                                               |    |                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                       |                                                                                                                                                                                                                            | Years to Boring Height                                                                                                                                                                                          |                                                                                                                                                                                                      |                                                                                                                                                                                           |                                                                                                                                                                                |                                                                                                                                                                     |                                                                                                                                                          |                                                                                                                                               |                                                                                                                                     |                                                                                                                         |                                                                                                              |                                                                                                   |                                                                                        |                                                                             |                                                                  |                                                       |                                            |                                 |                      |          |
|------------------------|----|----|----|----|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------------------|-------------------------------------------------------|--------------------------------------------|---------------------------------|----------------------|----------|
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10                                                                                                                                                                                                                                                                                            | 11 | 12                                                                                                                                                                                                                                                                     | 13                                                                                                                                                                                                                                                          | 14                                                                                                                                                                                                                                               | 15                                                                                                                                                                                                                                    | 17                                                                                                                                                                                                                         | 18                                                                                                                                                                                                              | 21                                                                                                                                                                                                   | 22                                                                                                                                                                                        | 26                                                                                                                                                                             | 27                                                                                                                                                                  | 36                                                                                                                                                       | 37                                                                                                                                            | 40                                                                                                                                  | 41                                                                                                                      | 42                                                                                                           | 43                                                                                                | 44                                                                                     | 45                                                                          | 46                                                               | 47                                                    | 48                                         | 49                              | 50                   | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 22 <td>26<td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 26 <td>27<td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 27 <td>36<td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 36 <td>37<td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td> | 37 <td>40<td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td> | 40 <td>41<td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td>  | 41 <td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td> | 42 <td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td> | 43 <td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td> | 44 <td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td> | 45 <td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td> | 46 <td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td> | 47 <td>48<td>49<td>50<td>Age @ bh</td></td></td></td> | 48 <td>49<td>50<td>Age @ bh</td></td></td> | 49 <td>50<td>Age @ bh</td></td> | 50 <td>Age @ bh</td> | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 22 <td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 26 <td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 27 <td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td> | 36 <td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td> | 37 <td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td> | 40 <td>41</td> <td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td> | 41                                                                                                                      | 42 <td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td> | 43 <td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td> | 44 <td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td> | 45 <td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td> | 46 <td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td> | 47 <td>48<td>49<td>50<td>Age @ bh</td></td></td></td> | 48 <td>49<td>50<td>Age @ bh</td></td></td> | 49 <td>50<td>Age @ bh</td></td> | 50 <td>Age @ bh</td> | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 22 <td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 26 <td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 27 <td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td> | 36 <td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td> | 37 <td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td> | 40 <td>41</td> <td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td> | 41                                                                                                                      | 42 <td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td> | 43 <td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td> | 44 <td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td> | 45 <td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td> | 46 <td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td> | 47 <td>48<td>49<td>50<td>Age @ bh</td></td></td></td> | 48 <td>49<td>50<td>Age @ bh</td></td></td> | 49 <td>50<td>Age @ bh</td></td> | 50 <td>Age @ bh</td> | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
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| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
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| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
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| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
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| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
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| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 22 <td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 26 <td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 27 <td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td> | 36 <td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td> | 37 <td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td> | 40 <td>41</td> <td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td> | 41                                                                                                                      | 42 <td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td> | 43 <td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td> | 44 <td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td> | 45 <td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td> | 46 <td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td> | 47 <td>48<td>49<td>50<td>Age @ bh</td></td></td></td> | 48 <td>49<td>50<td>Age @ bh</td></td></td> | 49 <td>50<td>Age @ bh</td></td> | 50 <td>Age @ bh</td> | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 22 <td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 26 <td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 27 <td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td> | 36 <td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td> | 37 <td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td> | 40 <td>41</td> <td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td> | 41                                                                                                                      | 42 <td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td> | 43 <td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td> | 44 <td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td> | 45 <td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td> | 46 <td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td> | 47 <td>48<td>49<td>50<td>Age @ bh</td></td></td></td> | 48 <td>49<td>50<td>Age @ bh</td></td></td> | 49 <td>50<td>Age @ bh</td></td> | 50 <td>Age @ bh</td> | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 22 <td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 26 <td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td></td> | 27 <td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td></td> | 36 <td>37<td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td></td> | 37 <td>40<td>41</td><td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td></td> | 40 <td>41</td> <td>42<td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td></td> | 41                                                                                                                      | 42 <td>43<td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td></td> | 43 <td>44<td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td></td> | 44 <td>45<td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td></td> | 45 <td>46<td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td></td> | 46 <td>47<td>48<td>49<td>50<td>Age @ bh</td></td></td></td></td> | 47 <td>48<td>49<td>50<td>Age @ bh</td></td></td></td> | 48 <td>49<td>50<td>Age @ bh</td></td></td> | 49 <td>50<td>Age @ bh</td></td> | 50 <td>Age @ bh</td> | Age @ bh |
| Correct yrs            | 16 | 14 | 12 | 11 | 10 | 9                                                                                                                                                                                                                                                                                             | 8  | 7                                                                                                                                                                                                                                                                      | 6                                                                                                                                                                                                                                                           | 5                                                                                                                                                                                                                                                | 4                                                                                                                                                                                                                                     | 3                                                                                                                                                                                                                          | 2                                                                                                                                                                                                               | 1                                                                                                                                                                                                    | 0                                                                                                                                                                                         | 0                                                                                                                                                                              | 0                                                                                                                                                                   | 0                                                                                                                                                        | 0                                                                                                                                             | 0                                                                                                                                   | 0                                                                                                                       | 0                                                                                                            | 0                                                                                                 | 0                                                                                      | 0                                                                           | 0                                                                | 0                                                     | 0                                          | 0                               | 0                    | 0        |
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 <td>11</td> <td>12<td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td>                                                                    | 11 | 12 <td>13<td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td></td>                                                                    | 13 <td>14<td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td></td></td></td></td>                                                                    | 14 <td>15<td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td></td></td></td>                                                                    | 15 <td>17<td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td></td></td>                                                                    | 17 <td>18<td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td></td>                                                                    | 18 <td>21<td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td></td>                                                                    | 21 <td>22<td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td></td>                                                                    | 22 <td>26<td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td></td>                                                                    | 26 <td>27<td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td></td>                                                                    | 27 <td>36<td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td></td>                                                                    | 36 <td>37<td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td></td>                                                                    | 37 <td>40<td>41</td><td>42<td>43<td>44<td>45&lt;/</td></td></td></td></td>                                                                    | 40 <td>41</td> <td>42<td>43<td>44<td>45&lt;/</td></td></td></td>                                                                    | 41                                                                                                                      | 42 <td>43<td>44<td>45&lt;/</td></td></td>                                                                    | 43 <td>44<td>45&lt;/</td></td>                                                                    | 44 <td>45&lt;/</td>                                                                    | 45</                                                                        |                                                                  |                                                       |                                            |                                 |                      |          |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
Date: March 11, 2002  
Site Index Equation: Nigh (1999)

**Table of Site Index by Breast Height Age and Height**  
**Species: Pw – Western White Pine - Provincial**

| Age @ bh       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|
| Top Height (m) | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |
| 10             | 25             | 29 | 32 | 35 | 37 | 40 | 42 | 44 | 46 | 48 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |
| 15             | 18             | 21 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 39 | 41 | 42 | 44 | 45 | 47 | 48 | 49 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |
| 20             | 14             | 17 | 19 | 21 | 23 | 25 | 26 | 28 | 30 | 31 | 33 | 34 | 35 | 37 | 38 | 39 | 41 | 42 | 43 | 44 | 45 | 46 | 48 |  |  |  |  |  |  |  |  |  |  |
| 25             | 11             | 13 | 15 | 17 | 19 | 20 | 22 | 24 | 25 | 26 | 28 | 29 | 30 | 32 | 33 | 34 | 35 | 36 | 38 | 39 | 40 | 41 | 42 |  |  |  |  |  |  |  |  |  |  |
| 30             | 9              | 11 | 13 | 14 | 16 | 17 | 19 | 20 | 21 | 22 | 24 | 25 | 27 | 28 | 29 | 30 | 31 | 32 | 34 | 35 | 36 | 37 | 38 |  |  |  |  |  |  |  |  |  |  |
| 35             | 8              | 9  | 11 | 12 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |  |  |  |  |  |  |  |  |  |  |
| 40             | 6              | 8  | 9  | 10 | 12 | 13 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  |  |  |  |  |
| 45             | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |  |  |  |  |  |  |  |  |  |  |
| 50             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 55             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 60             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 65             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 70             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 75             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 80             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 85             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 90             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 95             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 100            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 105            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 110            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 115            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 120            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 125            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 130            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 135            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 140            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 145            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 150            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 155            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 160            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 165            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 170            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 175            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 180            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 185            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 190            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 195            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 200            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |

| Age @ bh       | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
|----------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|--|--|--|--|
| Top Height (m) | Site Index (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |
| 10             | 25             | 29 | 32 | 35 | 37 | 40 | 42 | 44 | 46 | 48 | 50 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |
| 15             | 18             | 21 | 24 | 26 | 28 | 30 | 32 | 34 | 36 | 38 | 39 | 41 | 42 | 44 | 45 | 47 | 48 | 49 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |
| 20             | 14             | 17 | 19 | 21 | 23 | 25 | 26 | 28 | 30 | 31 | 33 | 34 | 35 | 37 | 38 | 39 | 41 | 42 | 43 | 44 | 45 | 46 | 48 |  |  |  |  |  |  |  |  |  |  |
| 25             | 11             | 13 | 15 | 17 | 19 | 20 | 22 | 24 | 25 | 26 | 28 | 29 | 30 | 32 | 33 | 34 | 35 | 36 | 38 | 39 | 40 | 41 | 42 |  |  |  |  |  |  |  |  |  |  |
| 30             | 9              | 11 | 13 | 14 | 16 | 17 | 19 | 20 | 21 | 22 | 24 | 25 | 27 | 28 | 29 | 30 | 31 | 32 | 34 | 35 | 36 | 37 | 38 |  |  |  |  |  |  |  |  |  |  |
| 35             | 8              | 9  | 11 | 12 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 |  |  |  |  |  |  |  |  |  |  |
| 40             | 6              | 8  | 9  | 10 | 12 | 13 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 |  |  |  |  |  |  |  |  |  |  |
| 45             | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |  |  |  |  |  |  |  |  |  |  |
| 50             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 55             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 60             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 65             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |  |  |  |  |  |  |  |
| 70             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 75             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 80             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 85             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 90             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 95             | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 100            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 105            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 110            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 115            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 120            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 125            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 130            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 135            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 140            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 145            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 150            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 155            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 160            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 165            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 170            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |  |  |  |  |  |  |  |
| 175            | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 |    |    |    |    |    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |  |

**Figure A.56 Pw – Western White Pine – Provincial.**

**Table of Site Index by Breast Height Age and Height**  
**Species: Py – Ponderosa Pine - Provincial**

[illegible]

**Table of Site Index by Breast Height Age and Height**  
**Species: Py – Ponderosa Pine - Provincial**

| Age<br>@ bh            | Top Height (m) |    |    |    |      |       |       |       |     |    |    |    |    |    |    |    |    |    |    |    |    |    | Site Index (m) |    |
|------------------------|----------------|----|----|----|------|-------|-------|-------|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----------------|----|
|                        | 5              | 6  | 7  | 8  | 9    | 10    | 11    | 12    | 13  | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |                | 27 |
| 10                     | 22             | 27 | 32 | 37 | 42   | 47    |       |       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |                |    |
| 15                     | 14             | 18 | 21 | 25 | 28   | 31    | 34    | 38    | 41  | 44 | 47 | 50 |    |    |    |    |    |    |    |    |    |    |                |    |
| 20                     | 11             | 13 | 16 | 19 | 22   | 25    | 28    | 31    | 33  | 35 | 38 | 40 | 42 | 45 | 47 | 49 |    |    |    |    |    |    |                |    |
| 25                     | 9              | 11 | 13 | 15 | 17   | 19    | 21    | 23    | 26  | 28 | 30 | 32 | 34 | 36 | 38 | 40 | 41 | 43 | 45 | 47 | 49 |    |                |    |
| 30                     | 8              | 9  | 11 | 13 | 14   | 16    | 17    | 19    | 21  | 22 | 24 | 25 | 27 | 29 | 30 | 32 | 33 | 35 | 36 | 38 | 40 | 41 | 43             |    |
| 35                     | 7              | 8  | 9  | 11 | 12   | 14    | 15    | 16    | 18  | 19 | 21 | 22 | 23 | 25 | 26 | 27 | 29 | 30 | 32 | 33 | 34 | 36 | 37             |    |
| 40                     | 6              | 7  | 8  | 10 | 11   | 12    | 13    | 15    | 16  | 17 | 18 | 19 | 21 | 22 | 23 | 24 | 26 | 27 | 28 | 29 | 30 | 32 | 33             |    |
| 45                     | 5              | 6  | 7  | 8  | 9    | 10    | 11    | 12    | 13  | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28             | 30 |
| 50                     | 5              | 6  | 7  | 8  | 9    | 10    | 11    | 12    | 13  | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27             |    |
| 55                     | 5              | 6  | 6  | 7  | 8    | 9     | 10    | 11    | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26             |    |
| 60                     | 5              | 6  | 7  | 8  | 9    | 9     | 10    | 11    | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26             |    |
| 65                     | 5              | 6  | 7  | 8  | 9    | 9     | 10    | 11    | 12  | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26             |    |
| 70                     | 5              | 5  | 6  | 7  | 8    | 9     | 9     | 10    | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25             |    |
| 75                     | 5              | 5  | 6  | 7  | 8    | 9     | 9     | 10    | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25             |    |
| 80                     | 5              | 6  | 6  | 7  | 8    | 9     | 9     | 10    | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24             |    |
| 85                     | 5              | 5  | 6  | 7  | 8    | 9     | 9     | 10    | 11  | 12 | 13 | 14 | 15 | 16 | 17 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24             |    |
| 90                     | 5              | 5  | 6  | 6  | 7    | 8     | 8     | 9     | 10  | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24             |    |
| 95                     | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 100                    | 5              | 5  | 6  | 7  | 7    | 8     | 8     | 9     | 9   | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23             |    |
| 105                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 110                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 115                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 120                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 125                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 130                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 135                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 140                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 145                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 150                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 155                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 160                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 165                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 170                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 175                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 180                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 185                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 190                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 195                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| 200                    | 5              | 5  | 6  | 6  | 7    | 7     | 8     | 8     | 9   | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22             |    |
| Years to Boring Height |                |    |    |    |      |       |       |       |     |    |    |    |    |    |    |    |    |    |    |    |    |    |                |    |
| Site Index             | 5              | 6  | 7  | 8  | 9-10 | 11-14 | 15-22 | 23-47 | 48+ |    |    |    |    |    |    |    |    |    |    |    |    |    |                |    |
| Correct yrs            | 14             | 13 | 12 | 11 | 10   | 9     | 8     | 7     | 6   |    |    |    |    |    |    |    |    |    |    |    |    |    |                |    |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
Date: March 11, 2002  
Site Index Equation: Hann and Scrivani (1986)

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**Figure A.57 Py – Ponderosa Pine – Provincial.**

**Table of Site Index by Breast Height Age and Height  
Species: Sb – Black Spruce - Provincial**

|    |    | Top Height (m) |    |    |    |    |    |    |    |    |    | Site Index (m) |    |    |    |    |    |    |    |    |    | Age @ bh |  |
|----|----|----------------|----|----|----|----|----|----|----|----|----|----------------|----|----|----|----|----|----|----|----|----|----------|--|
| 28 | 29 | 30             | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40             | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50       |  |
|    |    |                |    |    |    |    |    |    |    |    |    |                |    |    |    |    |    |    |    |    |    |          |  |
| 49 | 50 | 45             | 46 | 48 | 49 | 50 |    |    |    |    |    |                |    |    |    |    |    |    |    |    |    | 10       |  |
| 39 | 44 | 41             | 42 | 43 | 44 | 45 | 46 | 48 | 49 | 50 |    |                |    |    |    |    |    |    |    |    |    | 15       |  |
| 36 | 37 | 38             | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48             | 49 | 50 |    |    |    |    |    |    |    | 20       |  |
| 33 | 34 | 35             | 36 | 37 | 38 | 39 | 40 | 41 | 43 | 44 | 45 | 46             | 47 | 48 | 49 | 50 |    |    |    |    |    | 25       |  |
| 33 | 34 | 35             | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45             | 46 | 47 | 48 | 49 | 50 |    |    |    |    | 30       |  |
| 30 | 31 | 32             | 33 | 34 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43             | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    | 35       |  |
| 29 | 30 | 31             | 32 | 34 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43             | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    | 40       |  |
| 29 | 30 | 31             | 32 | 34 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43             | 44 | 45 | 46 | 47 | 48 | 49 | 50 |    |    | 45       |  |
| 28 | 29 | 30             | 31 | 32 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41             | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 50       |  |
| 27 | 28 | 29             | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39             | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49       |  |
| 26 | 27 | 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38             | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 60       |  |
| 25 | 26 | 27             | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37             | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 65       |  |
| 24 | 25 | 26             | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36             | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 70       |  |
| 23 | 24 | 25             | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35             | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 75       |  |
| 22 | 23 | 24             | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34             | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 80       |  |
| 22 | 23 | 24             | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34             | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 85       |  |
| 21 | 22 | 23             | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33             | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 90       |  |
| 20 | 21 | 22             | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32             | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 95       |  |
| 20 | 21 | 22             | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32             | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 100      |  |
| 19 | 20 | 21             | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31             | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 105      |  |
| 19 | 20 | 21             | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31             | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 110      |  |
| 18 | 19 | 20             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30             | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 115      |  |
| 18 | 19 | 20             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30             | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 120      |  |
| 18 | 19 | 20             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30             | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 125      |  |
| 18 | 19 | 20             | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30             | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 130      |  |
| 17 | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29             | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 135      |  |
| 17 | 18 | 19             | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29             | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 140      |  |
| 16 | 17 | 18             | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 145      |  |
| 16 | 17 | 18             | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 150      |  |
| 16 | 17 | 18             | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28             | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 155      |  |
| 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27             | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 160      |  |
| 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27             | 28 | 29 | 30 | 31 | 33 | 34 | 35 | 36 | 37 | 165      |  |
| 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27             | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 170      |  |
| 15 | 16 | 17             | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27             | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 175      |  |
| 15 | 15 | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 26 | 27             | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 180      |  |
| 14 | 15 | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26             | 27 | 28 | 29 | 30 | 31 | 33 | 34 | 35 | 36 | 185      |  |
| 14 | 15 | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26             | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 35 | 36 | 190      |  |
| 14 | 15 | 16             | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26             | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 35 | 36 | 195      |  |
| 14 | 15 | 15             | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25             | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 200      |  |
| 13 | 14 | 15             | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 25 | 26             | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36       |  |

| Years to Boring Height |  |    |    |    |    |    |       |       |       |       |       |    |  |
|------------------------|--|----|----|----|----|----|-------|-------|-------|-------|-------|----|--|
| Site Index             |  | 5  | 6  | 7  | 8  | 9  | 10-11 | 12-13 | 14-17 | 18-24 | 25-41 | 42 |  |
| Correct yrs            |  | 23 | 21 | 20 | 19 | 18 | 17    | 16    | 15    | 14    | 13    | 12 |  |

**Table of Site Index by Breast Height Age and Height  
Species: Sb – Black Spruce – Provincial**

| Age<br>@ bh            | Top Height (m) |    |    |    |    |       |       |       |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  | Site Index (m) |
|------------------------|----------------|----|----|----|----|-------|-------|-------|-------|-------|----|----|----|----|----|----|----|----|----|----|----|----|----|--|--|--|----------------|
|                        | 5              | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14    | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |                |
| 10                     | 17             | 20 | 23 | 25 | 27 | 29    | 32    | 34    | 35    | 37    | 39 | 41 | 43 | 44 | 46 | 47 | 49 |    |    |    |    |    |    |  |  |  |                |
| 15                     | 13             | 15 | 17 | 19 | 21 | 23    | 25    | 27    | 28    | 30    | 31 | 33 | 34 | 36 | 37 | 39 | 40 | 41 | 43 | 44 | 45 | 47 | 48 |  |  |  |                |
| 20                     | 10             | 12 | 14 | 16 | 18 | 19    | 21    | 22    | 24    | 25    | 27 | 28 | 29 | 31 | 32 | 33 | 35 | 36 | 37 | 38 | 39 | 41 | 42 |  |  |  |                |
| 25                     | 9              | 10 | 12 | 14 | 15 | 17    | 18    | 19    | 21    | 22    | 23 | 25 | 26 | 27 | 28 | 30 | 31 | 32 | 33 | 34 | 35 | 37 | 38 |  |  |  |                |
| 30                     | 8              | 9  | 10 | 12 | 13 | 15    | 16    | 17    | 18    | 20    | 21 | 22 | 23 | 24 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 35 |  |  |  |                |
| 35                     | 7              | 8  | 9  | 11 | 12 | 13    | 14    | 15    | 17    | 18    | 19 | 20 | 21 | 22 | 23 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |  |  |  |                |
| 40                     | 6              | 7  | 8  | 10 | 11 | 12    | 13    | 14    | 15    | 16    | 17 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |  |  |  |                |
| 45                     | 5              | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14    | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |                |
| 50                     | 5              | 6  | 7  | 8  | 9  | 10    | 11    | 12    | 13    | 14    | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 |  |  |  |                |
| 55                     | 5              | 6  | 6  | 7  | 8  | 9     | 10    | 11    | 12    | 13    | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 |  |  |  |                |
| 60                     | 5              | 6  | 6  | 7  | 8  | 9     | 10    | 10    | 11    | 12    | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |  |  |  |                |
| 65                     | 5              | 6  | 6  | 7  | 8  | 9     | 10    | 11    | 12    | 13    | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |    |  |  |  |                |
| 70                     | 5              | 5  | 6  | 6  | 7  | 8     | 8     | 9     | 10    | 11    | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |    |  |  |  |                |
| 75                     | 5              | 5  | 6  | 6  | 7  | 8     | 8     | 9     | 10    | 11    | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 |    |  |  |  |                |
| 80                     | 5              | 5  | 6  | 6  | 7  | 8     | 8     | 9     | 10    | 11    | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 |    |    |  |  |  |                |
| 85                     | 5              | 5  | 6  | 6  | 7  | 8     | 8     | 9     | 9     | 10    | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |    |    |  |  |  |                |
| 90                     | 5              | 5  | 6  | 6  | 7  | 8     | 8     | 9     | 9     | 10    | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |    |    |  |  |  |                |
| 95                     | 5              | 5  | 6  | 6  | 7  | 8     | 8     | 9     | 9     | 10    | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |    |    |  |  |  |                |
| 100                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 105                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 110                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 115                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 120                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 125                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 130                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 135                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 140                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 145                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 150                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 155                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 160                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 165                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 170                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 175                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 180                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 185                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 185                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 190                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 195                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| 200                    | 5              | 5  | 5  | 5  | 6  | 6     | 7     | 8     | 8     | 9     | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |    |    |  |  |  |                |
| Years to Boring Height |                |    |    |    |    |       |       |       |       |       |    |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |                |
| Site Index             | 5              | 6  | 7  | 8  | 9  | 10-11 | 12-13 | 14-17 | 18-24 | 25-41 | 42 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |                |
| Correct yrs            | 23             | 21 | 20 | 19 | 18 | 17    | 16    | 15    | 14    | 13    | 12 |    |    |    |    |    |    |    |    |    |    |    |    |  |  |  |                |

**Figure A.58 Sb – Black Spruce – Provincial.**

Table of Site Index by Breast Height Age and Height  
Species: Ss- Sitka Spruce - Provincial

| Age<br>@ bh | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 10          | 24 | 29 | 33 | 37 | 40 | 44 | 47 | 50 | 53 | 56 | 59 | 62 | 65 | 68 |    |    |    |
| 15          | 16 | 20 | 23 | 25 | 28 | 31 | 33 | 36 | 38 | 40 | 43 | 45 | 47 | 49 | 51 | 53 | 55 |
| 20          | 12 | 15 | 17 | 19 | 22 | 24 | 26 | 28 | 30 | 32 | 34 | 35 | 37 | 39 | 41 | 42 | 44 |
| 25          | 10 | 12 | 14 | 16 | 18 | 19 | 21 | 23 | 24 | 26 | 28 | 29 | 31 | 32 | 34 | 35 | 37 |
| 30          | 8  | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 21 | 22 | 24 | 25 | 27 | 28 | 29 | 31 | 32 |
| 35          | 7  | 8  | 10 | 11 | 13 | 14 | 15 | 17 | 18 | 19 | 21 | 22 | 23 | 24 | 26 | 27 | 28 |
| 40          | 6  | 7  | 9  | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 20 | 21 | 22 | 23 | 24 | 25 |
| 45          | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 17 | 18 | 19 | 20 | 21 | 22 |
| 50          | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
| 55          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 60          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 65          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 70          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 75          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 80          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 85          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 90          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 95          | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 100         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 105         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 110         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 115         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 120         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 125         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 130         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 135         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 140         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 145         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 150         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 155         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 160         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 165         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 170         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 175         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 180         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 185         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 190         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 195         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 200         | 5  | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |

#### Years to Boring Height

| Site Index  | 10-11 | 12-17 | 18-22 | 23-28 | 29-33 | 34-38 | 39-44 | 45-49 | 50+ |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Correct yrs | 10    | 9     | 8     | 7     | 6     | 5     | 4     | 3     | 2   |

SiteTools Version 3.2m – Research Branch, British Columbia Ministry of Forests  
Date: February 27, 2002  
Site Index Equation: Nigh (1997)

Table of Site Index by Breast Height Age and Height  
Species: Ss- Sitka Spruce - Provincial

| Age<br>@ bh | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 |
|-------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 10          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 20          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 25          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 30          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 35          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 40          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 45          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 50          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 55          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 60          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 65          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 70          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 75          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 80          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 85          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 90          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 95          |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 100         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 105         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 110         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 115         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 120         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 125         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 130         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 135         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 140         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 145         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 150         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 155         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 160         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 165         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 170         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 175         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 180         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 185         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 190         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 195         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 200         |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

#### Years to Boring Height

| Site Index  | 10-11 | 12-17 | 18-22 | 23-28 | 29-33 | 34-38 | 39-44 | 45-49 | 50+ |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-----|
| Correct yrs | 10    | 9     | 8     | 7     | 6     | 5     | 4     | 3     | 2   |

| Table of Site Index by Breast Height Age and Height<br>Species: Ss- Sitka Spruce - Provincial |                | Table of Site Index by Breast Height Age and Height<br>Species: Ss- Sitka Spruce - Provincial |                |
|-----------------------------------------------------------------------------------------------|----------------|-----------------------------------------------------------------------------------------------|----------------|
| Age<br>@ bh                                                                                   | Top Height (m) | Age<br>@ bh                                                                                   | Top Height (m) |
| 10                                                                                            | 55             | 10                                                                                            | 55             |
| 15                                                                                            | 56             | 15                                                                                            | 56             |
| 20                                                                                            | 57             | 20                                                                                            | 57             |
| 25                                                                                            | 58             | 25                                                                                            | 58             |
| 30                                                                                            | 59             | 30                                                                                            | 59             |
| 35                                                                                            | 60             | 35                                                                                            | 60             |
| 40                                                                                            | 61             | 40                                                                                            | 61             |
| 45                                                                                            | 62             | 45                                                                                            | 62             |
| 50                                                                                            | 63             | 50                                                                                            | 63             |
| 55                                                                                            | 64             | 55                                                                                            | 64             |
| 60                                                                                            | 65             | 60                                                                                            | 65             |
| 65                                                                                            | 66             | 65                                                                                            | 66             |
| 70                                                                                            | 67             | 70                                                                                            | 67             |
| 75                                                                                            | 68             | 75                                                                                            | 68             |
| 80                                                                                            | 69             | 80                                                                                            | 69             |
| 85                                                                                            | 70             | 85                                                                                            | 70             |
| 90                                                                                            | 71             | 90                                                                                            | 71             |
| 95                                                                                            | 72             | 95                                                                                            | 72             |
| 100                                                                                           | 73             | 100                                                                                           | 73             |
| 105                                                                                           | 74             | 105                                                                                           | 74             |
| 110                                                                                           | 75             | 110                                                                                           | 75             |
| 115                                                                                           | 76             | 115                                                                                           | 76             |
| 120                                                                                           | 77             | 120                                                                                           | 77             |
| 125                                                                                           | 78             | 125                                                                                           | 78             |
| 130                                                                                           | 79             | 130                                                                                           | 79             |
| 135                                                                                           | 80             | 135                                                                                           | 80             |
| 140                                                                                           | 81             | 140                                                                                           | 81             |
| 145                                                                                           | 82             | 145                                                                                           | 82             |
| 150                                                                                           | 83             | 150                                                                                           | 83             |
| 155                                                                                           | 84             | 155                                                                                           | 84             |
| 160                                                                                           | 85             | 160                                                                                           | 85             |
| 165                                                                                           | 86             | 165                                                                                           | 86             |
| 170                                                                                           | 87             | 170                                                                                           | 87             |
| 175                                                                                           | 88             | 175                                                                                           | 88             |
| 180                                                                                           | 89             | 180                                                                                           | 89             |
| 185                                                                                           | 90             | 185                                                                                           | 90             |
| 190                                                                                           | 91             | 190                                                                                           | 91             |
| 195                                                                                           | 92             | 195                                                                                           | 92             |
| 200                                                                                           | 93             | 200                                                                                           | 93             |
| Years to Boring Height                                                                        |                | Years to Boring Height                                                                        |                |
| Site Index                                                                                    | 10-11          | Site Index                                                                                    | 10-11          |
| Correct yrs                                                                                   | 10             | Correct yrs                                                                                   | 10             |
| 12-17                                                                                         | 12-17          | 12-17                                                                                         | 12-17          |
| 18-22                                                                                         | 18-22          | 18-22                                                                                         | 18-22          |
| 23-28                                                                                         | 23-28          | 23-28                                                                                         | 23-28          |
| 29-33                                                                                         | 29-33          | 29-33                                                                                         | 29-33          |
| 34-38                                                                                         | 34-38          | 34-38                                                                                         | 34-38          |
| 39-44                                                                                         | 39-44          | 39-44                                                                                         | 39-44          |
| 45-49                                                                                         | 45-49          | 45-49                                                                                         | 45-49          |
| 50+                                                                                           | 50+            | 50+                                                                                           | 50+            |

Figure A.59 Ss – Sitka Spruce - Provincial.

Table of Site Index by Breast Height Age and Height  
Species: Sw – White Spruce and Englemann Spruce – Provincial

| Age<br>@ bh | Top Height (m) |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | Age<br>@ bh |    |    |    |
|-------------|----------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|----|----|----|
|             | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 |             | 25 | 26 | 27 |
| 10          | 23             | 27 | 31 | 34 | 36 | 39 | 42 | 44 | 47 | 49 |    |    |    |    |    |    |    |    |    |    |             |    |    |    |
| 15          | 16             | 19 | 22 | 24 | 27 | 29 | 31 | 33 | 35 | 37 | 39 | 40 | 42 | 44 | 45 | 47 | 49 | 50 |    |    |             |    |    |    |
| 20          | 13             | 15 | 17 | 19 | 21 | 22 | 24 | 25 | 27 | 28 | 29 | 31 | 32 | 33 | 35 | 36 | 37 | 38 | 40 | 41 | 42          |    |    |    |
| 25          | 10             | 12 | 14 | 16 | 18 | 19 | 20 | 22 | 23 | 24 | 26 | 27 | 28 | 29 | 30 | 32 | 33 | 34 | 35 | 36 | 37          |    |    |    |
| 30          | 8              | 10 | 12 | 13 | 15 | 16 | 18 | 19 | 20 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33          | 34 |    |    |
| 35          | 7              | 9  | 10 | 11 | 13 | 14 | 15 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31          |    |    |    |
| 40          | 6              | 8  | 9  | 10 | 11 | 12 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29          | 30 |    |    |
| 45          | 6              | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27          | 28 | 29 |    |
| 50          | 5              | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25          | 26 | 27 |    |
| 55          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 60          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 65          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 70          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 75          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 80          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 85          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 90          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 95          | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 100         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 105         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 110         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 115         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 120         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 125         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 130         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 135         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 140         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 145         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 150         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 155         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 160         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 165         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 170         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 175         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 180         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 185         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 190         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 195         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |
| 200         | 5              | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24          | 25 | 26 |    |

| Years to Boring Height |    |    |    |    |    |    |    |       |       |       |       |       | Years to Boring Height |       |     |  |  |  |  |  |  |  |  |  |  |
|------------------------|----|----|----|----|----|----|----|-------|-------|-------|-------|-------|------------------------|-------|-----|--|--|--|--|--|--|--|--|--|--|
| Site Index             | 5  | 6  | 7  | 8  | 9  | 10 | 11 | 12-13 | 14-15 | 16-17 | 18-20 | 21-25 | 26-33                  | 34-47 | 48+ |  |  |  |  |  |  |  |  |  |  |
| Correct yrs            | 30 | 27 | 24 | 22 | 20 | 19 | 18 | 17    | 16    | 15    | 14    | 13    | 12                     | 11    | 10  |  |  |  |  |  |  |  |  |  |  |

Figure A.60 Sw – White and Englemann Spruce - Provincial.

## **Appendix 10 CGNF Standards and Procedures for the Coast Forest Region**

For the Coast Forest Region, the effective date is November 1, 2006 (optional) or January 1, 2007 (mandatory).

The *CGNF Standards and Procedures for the Coast Forest Region* is available at:

<http://www.for.gov.bc.ca/hva/manuals/cgnf/index.htm>