To: Reinhard Muller  
Resource Officer, Silviculture  
Curt Clarke, Silviculture Branch  

From: Glen Thompson  
Date: June 21, 1988  
File: 955-23-6

WORKING PLAN

1. Objectives:

To test and compare the effectiveness of the "tree shelter" tube as used in the U.K. for protection against browse from deer and to determine its effect on survival and growth of coniferous seedlings. Western Red Cedar is the main target species.

2. Location:
   i) TSA: Arrowsmith  
   ii) TSB: Cowichan 43  
       92B092-013  
       92B092-014  
       92B092-009  
       92B091-003  
       92B091-005  
   iii) Chemainus Land District Block 1  
   iv) VIP Forest Reserve  
   v) Van. Region/Duncan District  
   vi) Banon Creek, approximately 9 kilometers south of Ladysmith

3. Trial Stock

<table>
<thead>
<tr>
<th>Seedlot No.</th>
<th>Stock Type</th>
<th>Code</th>
<th>Nursery</th>
</tr>
</thead>
<tbody>
<tr>
<td>9929</td>
<td>2+0 415</td>
<td>PSB</td>
<td>Koksila</td>
</tr>
<tr>
<td>9929</td>
<td>2+0 312</td>
<td>PSB</td>
<td>Koksila</td>
</tr>
</tbody>
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JUN 23 1988  
Ministry of Forests & Lands  
SILVICULTURE BRANCH  
VICTORIA, B.C.
4. Plot Design and Stock Requirements
   a) Two sites, 2 blocks/site, 20 treatments/block/site
   b) Treatments: I Tubed
      II Vexar
      III Control
   c) Design
      Source
      Sites       Df
      S-1=1
      Blocks(site)   B-1(S)=2
      Treatment       T-1=2
      Treatment x Site (T-1)(S-1)=2
      Treatment x Block(site) (T-1)(B-1)(S)=4/11
      TOTAL T x B(S) x S-1 = 11
   d) Trees will be measured for survival and height growth
   e) Treatment trees random selection

5. Dates of Planting and Assessment
   Plant April 1988
   Assessment:
   a) 6 weeks after planting measured for survival and height growth
   b) After first growing season measured for survival and height growth
   c) After first winter prior to flush measure survival and height growth
   d) After end of second growing season and after second winter
   e) Measured annually as interest in project expressed

6. Summarize and Report
   a) Summarize data from 6 weeks to after first winter prior to flush and issue interim report. 1989 summer
   b) Summer/Fall 1990 summarize data and issue final report

Glen Thompson, R.P.F.
A/District Silviculturist
Duncan Forest District