**SOIL DISTURBANCE DATA FORM**

**DATE**: 6-21-94

**CUTTING METHOD**: Chopping

**SKIDDING METHOD**: Tractor/Radial

**HAZARD TREATMENT**: 

**SILVICULTURAL TREATMENT**: SD

**OPERATION PERIOD**: May-June

**COMPACTION (Heavy)**

- T-1: 151
- T-2: 123
- T-3: 69

**COMPACTION (Light)**

- T-1: 243

**UNDISTURBED**: 161

**DISPLACED**: 29

**EXCAVATED SKID TRAIL**: 63

**SUZ**

**COMMENTS**: Rock outcrop (6 Places) 2.3m + 2.7m

Northwest corner of unit (T-3 area) landscape steeper
resulting heavy displacement. Poor soil conditions,
control of operation.

SHAPE OF UNIT AND PATTERN OF TRANSECT

- **T-1**
- **T-2**
- **T-3**

**COMPACTION (Heavy)** - any place where future vegetative growth will be significantly impacted, i.e., skid trails (both heavily and lightly used depending on amount of compaction related to soil moisture), landings, and other impacted areas.

**COMPACTION (Light)** - any other area not included in heavy COMPACTION or UNDISTURBED.

**UNDISTURBED** - no signs of any machinery or skidding activity.

**DISPLACED** - any place soil has been mounded by machinery, also include in heavy or light compaction.

**SMZ** - include within transect if within harvest unit.

06/21/1994
Fisher River - Calx Mountain
Unit 8
57701015

5/93
<table>
<thead>
<tr>
<th></th>
<th>T1</th>
<th>T2</th>
<th>T3</th>
<th>Total</th>
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<tr>
<td>Points</td>
<td>49</td>
<td>25</td>
<td>44</td>
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<tr>
<td>%</td>
<td>12</td>
<td>10</td>
<td>23</td>
<td>14</td>
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<tr>
<td>Light</td>
<td>243</td>
<td>151</td>
<td>111</td>
<td>505</td>
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<td>59</td>
<td>63</td>
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<td>Undis</td>
<td>123</td>
<td>63</td>
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<td>99</td>
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| Displaced | 64   | 15   | 12   | 63    | 33    | 156   | 19    |
| Rock     | 15   | 4    |      |       |       |       |       |

644

Diagram of T1 and T2:

T1 + T2:

<p>| | |</p>
<table>
<thead>
<tr>
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<tr>
<td>74</td>
<td>11</td>
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<td>394</td>
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<td>186</td>
<td>29</td>
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<table>
<thead>
<tr>
<th>Disturbance</th>
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<th>Upper</th>
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<tr>
<td></td>
<td>Points</td>
<td>%</td>
<td>Points</td>
</tr>
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<td>13</td>
<td>6</td>
<td>20</td>
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<tr>
<td>Light</td>
<td>172</td>
<td>51</td>
<td>265</td>
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<tr>
<td>Undist.</td>
<td>150</td>
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<td>335</td>
<td>100</td>
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<td>Displaced</td>
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<td>4</td>
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<tr>
<td>SMZ</td>
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KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 6/30/94

CUTTING METHOD

SKIDDING METHOD Tractor

HAZARD TREATMENT Excavator Pile

SILVICULTURAL TREATMENT LTM

OPERATION PERIOD Winter '93-'94

COMPACTION (Heavy):

COMPACTION (Light):

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

H.T. OF/PHMA → GF/PHMA

OLD LOGGING ACTIVITY

15-30% SLOPES

15-35% SLOPES

SHAPE OF UNIT AND PATTERN OF TRANSECT

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