<table>
<thead>
<tr>
<th></th>
<th>Unit 4</th>
<th></th>
<th>Unit 7</th>
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<tbody>
<tr>
<td></td>
<td>Point %</td>
<td></td>
<td>Point %</td>
</tr>
<tr>
<td>Heavy</td>
<td>72</td>
<td>98</td>
<td>38</td>
</tr>
<tr>
<td>Light</td>
<td>100</td>
<td>35</td>
<td>10</td>
</tr>
<tr>
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<td>53</td>
<td>20</td>
<td>33</td>
</tr>
<tr>
<td>Mad</td>
<td>42</td>
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<td>Rock</td>
<td>59</td>
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</tr>
<tr>
<td>Alder</td>
<td>21</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td>Spring</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>LDS</td>
<td>364</td>
<td>35</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>369</td>
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<td></td>
</tr>
</tbody>
</table>

Legend:
- Heavy
- Light
- Undisturbed

Map:
- LDS
- LTM
- Transect

Location:
- 7184.1

Date:
- 2010
Good Creek Soil Samples - above road 7197

After samples

A. Above rd. 7197 (new rd.)
1. Landing area just above rd on W. end of unit.
2. Shed trail leading to landing above rd.
3. Depression near upper rd. W. end of unit near shed.
4. Shed trail leading to depression, near middle of unit.
5. Shed trail on 3/4 of unit, above rd.
6. Shed trail to depression in soil, in middle depression 3/4 of
   contract area.
7. Shed trail near 8 1/2 of contract area.

B. Below rd. 7197
20. Upper end of major shed trail. E. end of unit.
10. just below rd 7197, dedicated trail/haul back shed.
11. Landing SW corner of unit.
12. Dedicated trail 3/4 down hill, mapped each.

15. Main shed trail near south end of unit, close to landing.
16. Main lateral, up slope, hill lower end.
17. Main lateral upper end.
18. Main lateral.
19. Above 7197 (new rd.) Below 7197

<table>
<thead>
<tr>
<th>53</th>
<th>42</th>
<th>31</th>
<th>52</th>
<th>8</th>
<th>53</th>
<th>52</th>
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<td>10</td>
<td>3</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td></td>
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<td>2</td>
<td>4</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>113</td>
<td>106</td>
<td>203</td>
<td>180</td>
<td>360</td>
<td>160</td>
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<td></td>
</tr>
</tbody>
</table>

* included in undisturbed.
KOOTENAI NATIONAL FOREST
SOIL IMPACT DATA FORM

DATE 10.20.92
OBSERVER Kuennen
DISTRICT Rexford
SALE South Pinto UNIT # 2 133-03-082

COMPACTION HEAVY

M.E. 14

COMPACTION LIGHT

M.E. 165 57%

UNDISTURBED

M.E. 89 30%

DISPLACED

M.E. 113 38%

EXCAVATED SKID TRAIL

Tread Coming to incline Heavy 72 M.E. Limit 2

SMZ

COMMENTS Lot of disturbance in upper NW corner of unit where older wet spot is. Wet area, given # W
Spurce 60 years old, 21’ at stump (14"") Excavated to find lower east, East lower chilled in depression, pushing into wet spot

SHAPE OF UNIT AND PATTERN OF WALK THROUGH.

W - 293
M - 287
E - 279
5. Pinto Unit 2
Bulki Density Samples

1. Main trail near landing 1.16
2. Main trail W, near lower end, as it makes the bend 1.27, 1.23
3. Lateral trail, west side 1.42, 1.15
4. Main trail W, half way up 1.28, 1.05
5. Undist. (W) w/ alder patch .87, .91
6. Lateral trail (W) 3/4 way up, on more ridge 1.09, .96
7. Glacial till, from root wad 3/4" in profile
8. Main trail middle 3/4 way up 1.18, 1.09
9. Main trail (E) 1/2 way up more slash left 1.48, 1.55
10. Main trail (E) 3/4 way up 1.07, 1.23
11. Lateral trail (E) 3/4 way up 1.38, 1.42

South Pinto
Unit 2

<table>
<thead>
<tr>
<th>Cut to length</th>
<th>Forwarder 2(n)</th>
<th>Fuller-Processor 2(2)</th>
<th>% Cumul</th>
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</thead>
<tbody>
<tr>
<td>No.</td>
<td>%</td>
<td>No.</td>
<td>%</td>
</tr>
<tr>
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<td>51</td>
<td>55</td>
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<tr>
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<td>40</td>
<td>54</td>
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<td>Diaph.</td>
<td>0</td>
<td>7</td>
<td>(1)</td>
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<tr>
<td>Rock</td>
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</tr>
<tr>
<td>Spring</td>
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<td>11</td>
<td></td>
</tr>
</tbody>
</table>

859

Connections made 03/108/01

10.20.92
**KOOTENAI NATIONAL FOREST**

**SOIL IMPACT DATA FORM**

**DATE:** 10/23/92

**OBSEVER:** Kunnen - Confield - Hanson

**DISTRICT:** Rexford

**SALE:** South Pinto

**UNIT #:** 4

**Comments:**
- **Compaction Heavy:** [ ]
- **Compaction Light:** [ ]
- **Undisturbed:** [ ]
- **Displaced:** [ ]
- **Excavated Skid Trail:** [ ]
- **Shape of Unit and Pattern of Walk Through:** [ ]

**Additional Notes:**
- 4-5" logs required
- Series of main trails
- Grapple - Shidder

**Shape of Unit and Pattern of Walk Through:**
<table>
<thead>
<tr>
<th></th>
<th>Slideboom</th>
<th>Gripple Spreader</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>No.</strong></td>
<td><strong>%</strong></td>
<td><strong>No.</strong></td>
</tr>
<tr>
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<td>17</td>
<td>15</td>
</tr>
<tr>
<td>Light</td>
<td>58</td>
<td>80</td>
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<tr>
<td>Undist</td>
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<td>Drag</td>
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<tr>
<td>Rock</td>
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<td>3</td>
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<tr>
<td></td>
<td><strong>115</strong></td>
<td><strong>99</strong></td>
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</tbody>
</table>
DATE 10-28-92

OBSERVER M. Moeller

DISTRICT D-4

SALE Dogwood Windy UNIT # 28

29AC w/ vol. of 750 M

COMPACTION HEAVY

COMPACTION LIGHT

UNDISTURBED

DISPLACED 25

EXCAVATED SKID TRAIL:

SMZ

COMMENTS: This whole unit has been run over pretty well. A lot of cat turn. The skid pattern is well spread out. Some of the large piles at the loading were taken care of. Cat put in water bars. No grading.

SHAPE OF UNIT AND PATTERN OF WALK THROUGH.
Buy Samples

1. NE Corner of unit on a skid trail
2. West side unit 1/2 way down on a skid trail. This sample composed of organics - not centin

Dogwood Windy
Unit 28

<table>
<thead>
<tr>
<th>No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy</td>
<td>68</td>
</tr>
<tr>
<td>Light</td>
<td>180</td>
</tr>
<tr>
<td>Undist</td>
<td>58</td>
</tr>
<tr>
<td>Digest</td>
<td>125</td>
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<tr>
<td>Geo Skid Trail</td>
<td>2</td>
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</table>

--- transect
KOOTENAI NATIONAL FOREST
SOIL IMPACT DATA FORM

10/20/1992
Yaak - Upper Basin
Unit 9 & 9A
42903210  42903211

Date 10/28/92
Observer M. Mosher
District D-4
Sale Upper Basin Unit # 9 & 9A

Unit 9 - clipped, grapple-shidder, whole-tree yanked, return tags to unit.

Unit 9A - hand felled, whole-tree yanked, Link Belt 108

Compaction

Heavy

Light

Undisturbed

Displaced

Excavated Skid Trail:

SMZ

Comments: Lower 2/3 of unit is less disturbed than the upper 1/3.

The lower 2/3 was a line unit. There was a large pole at the landing on the road in the middle of the unit. The upper 1/3 was heavily impacted with skid trails and Dozer Trailer.

Shape of Unit and Pattern of Walk Through.
Skid 

#1 Skid 

Trail on N.E. Corner of Unit 

#2 On side of rock that runs through Unit 

Lot of sticks + other organics mixed in. Appears to be some till also mixed in.

Upper Basin 

Unit 9

<table>
<thead>
<tr>
<th>No.</th>
<th>%</th>
<th>No.</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy</td>
<td>60</td>
<td>21</td>
<td>7</td>
</tr>
<tr>
<td>Light</td>
<td>182</td>
<td>62</td>
<td>40</td>
</tr>
<tr>
<td>Undist.</td>
<td>50</td>
<td>17</td>
<td>66</td>
</tr>
<tr>
<td>Dipol</td>
<td>40</td>
<td>38</td>
<td>4</td>
</tr>
<tr>
<td>Sea Shell</td>
<td>10</td>
<td>113</td>
<td></td>
</tr>
</tbody>
</table>

= transect
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

---

CUTTING METHOD: Clipper
SKIDDING METHOD: Rubber Tire
HAZARD TREATMENT: None
SILVICULTURAL TREATMENT: 1+0

OPERATION PERIOD: 1st Traverse 9 6%
2nd Traverse

COMPACTION (Heavy) 12 19
COMPACTION (Light) .68 74
UNDISTURBED 63 45
DISPLACED .25 30
XCAVATED SKID TRAIL 0 0

COMMENTS:

SHAPE OF UNIT AND PATTERN OF TRANSECT

6% compaction

Return of Unit 9, also ran on myself along lower edge of unit on 5/20/93. Came out w/ 9-10%.

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 relation 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.

MZ - include within transect if within harvest unit.

05/07/1993
Yaak - Upper Basin
Unit 9
42903210
<table>
<thead>
<tr>
<th>Transect 1</th>
<th>Transect 2</th>
<th>Transect 3</th>
<th>Transect 4</th>
<th>Transect 5</th>
<th>TOTALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>D HEAVY</td>
<td>22</td>
<td>13</td>
<td>19</td>
<td>12</td>
<td>41</td>
</tr>
<tr>
<td>LIGHT</td>
<td>83</td>
<td>49</td>
<td>94</td>
<td>59</td>
<td>177</td>
</tr>
<tr>
<td>UNDISTURE</td>
<td>63</td>
<td>38</td>
<td>45</td>
<td>29</td>
<td>108</td>
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<tr>
<td>TOTALS</td>
<td>168</td>
<td>100</td>
<td>158</td>
<td>100</td>
<td>326</td>
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</tbody>
</table>

| DISPLAY   | 25        | 15        | 30        | 19        | 55     |
| EROSION   |           |           |           |           | 17     |
| PUDDLED   |           |           |           |           |        |
| SMZ       |           |           |           |           |        |
| ROCK      |           |           |           |           |        |
| BURN PILES|           |           |           |           |        |
Blue-Rice Sale  Unit 21 LTM Tractor Log & Pile #4

Compaction

Heavy  21

Light-Med.  238

Displacement

Transport goes from SW corner to NE to 1446.5 feet.
Then transport heads S to SW corner ofaller unit,
then to SW 60 land corner in SM2.

Platteville  59

20 sample pits where transport crosses SW.

Undisturbed

Small percentage unit up CAT tracks. Soil surface very dry.

Wet or dry profile, soil is moist. Ground conditions play an important

role in structure. Root system of a few RO. Most of compaction judged

to be slight & mod. Category: a. soil moisture below 50% for

the most part. some machine ruts over larger trees will require good

soil profile. b. and if material is well mixed, light weight material has

a strongly illustrated unit. If area improves, this will be okay.

Mike Moore  N.D. 91, 책임기자

Blue Rice  08/19/92

Displacement

Indisturbed lot of 30 pits in undisturbed below read

Excellent seed germination on new construction
<table>
<thead>
<tr>
<th></th>
<th>Unit 21</th>
<th></th>
<th>Unit 17</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>21</td>
<td>7</td>
<td>67</td>
<td>30</td>
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<tr>
<td>Heavy</td>
<td>238</td>
<td>15</td>
<td>104</td>
<td>43</td>
</tr>
<tr>
<td>Light</td>
<td>40</td>
<td>13</td>
<td>72</td>
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<tr>
<td>Displaced</td>
<td>57</td>
<td>18</td>
<td>243</td>
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<tr>
<td>Habitat</td>
<td>318</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Blue Rice**

- **Unit 21**
  - Heavy: 238
  - Light: 40
  - Displaced: 57
  - Habitat: 318

- **Unit 17**
  - Heavy: 67
  - Light: 104
  - Displaced: 72
  - Habitat: 243

---

- **Structure**: right align

---

- **Transect**
<table>
<thead>
<tr>
<th></th>
<th>Logged</th>
<th>Logged</th>
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<tbody>
<tr>
<td>Heavy</td>
<td>24</td>
<td>65</td>
<td>20%</td>
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<tr>
<td>Light</td>
<td>53%</td>
<td>56%</td>
<td>55%</td>
</tr>
<tr>
<td>Displaced</td>
<td>44%</td>
<td>49%</td>
<td>46%</td>
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<tr>
<td>UnDISTa</td>
<td>58%</td>
<td>33%</td>
<td>25%</td>
</tr>
</tbody>
</table>

Blue Mountain Sale
Unit 2
1992

Alone Rd 755 P. No part logged in 1992 from SW corner to NE

Black = no. of pts
Red = percent
Fisher River - Homesteader
Unit 4
58906031 63906031

10/16/1992

Homesteader Silo Unit 4 Tractor shielded hand tamp

Compaction

Heavy

Light

Undisturbed

Displaced

SMZ

Gravelly shield Trail

Comments: Generally have light important unit started SW corner of unit

6/18-02-02 Homesteader Sale Unit 27 handfilled 10-16-92

Compaction

Heavy

Light

Undisturbed

Displaced

27 tarpaper pulled to turn then rapped

Comments: between shidding & piling there is very little ground where cat didn't run

C.L.

Un disturbed

Disturbed

C.L.
Fisher River - Homesteader
Unit 30
59002029   64002029

10/16/1992

Homesteader Sale Unit 29  640-02-007  10.16.92
Hand-felled; crawler
whole tree yarded

Comments: All short trails crossed unit. WWP in stand.
Tractor logged + piled

Unit 4  Unit 29  Unit 30  Upper 35%  Lower 15%

Henry   14   4   25   12   7   30   13   1   2   11
Light   45   14   63   104  44   183  80   38   64   72
Undist. 224  69   14   46   29   11   7   20   34   13
Displ.   33  10   50   62  18   163  45   9   13   39
SMZ     32   10  
Extra trail 11  3   119  162  229  288

-= transsect
DATE 10-29-92

OBSERVER M. Moore

DISTRICT D-3

SALE E. Port. UNIT # 1

638-01-113 351A

COMPAC TION HEAVY

COMPAC TION LIGHT

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

COMMENTS This unit is a hard tree stand. Mostly

Larch and Pine. There was a lot of slash left from

Ex. 3. There is an old road that runs along the

top of the unit that was used in the operation. The

unit is still has a lot of material left as slash.

It appears less disturbed than other unit. It was

less excavated skid trail than other units.

SHAPE OF UNIT AND PATTERN OF WALK THROUGH.
<table>
<thead>
<tr>
<th>No.</th>
<th>%</th>
</tr>
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<tbody>
<tr>
<td>tree</td>
<td>96</td>
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<td>light</td>
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<tr>
<td>Exect.</td>
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</tbody>
</table>

387

[Diagram of East Ranita with annotations]
DATE 10-3-92

COMPACTION HEAVY

COMPACTION LIGHT

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

COMMENTS Most of this unit has been disturbed. Skid trails are all over. The north corner of the unit has been burned. There is a fire line within the unit around the affected area. There are two large piles on the south end of the unit.

SHAPE OF UNIT AND PATTERN OF WALK THROUGH.

10/29/1992
Cabinet - Beaver Peak Resell
Unit 9
71502005
KOOTENAI NATIONAL FOREST
SOIL IMPACT DATA FORM

tree length
fractional (dozer)
drag chain

715-02-005
#1: On the side of unit 9 south
#2: Upper middle of 3 trees south
#3: Taken in the North end of unit

Beaver Peak Resell
Unit 9

<table>
<thead>
<tr>
<th>No.</th>
<th>Heavy</th>
<th>71</th>
<th>24</th>
</tr>
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<tr>
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<td>65</td>
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<tr>
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<td>Undist.</td>
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<td>11</td>
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<tr>
<td></td>
<td>Diaph.</td>
<td>68</td>
<td>23</td>
</tr>
</tbody>
</table>

--- = transect

--- INSERT NO. 2 FOR UNIT NO. 1 ---
KOOTENAI NATIONAL FOREST
SOIL IMPACT DATA FORM

DATE 10-21-92

EXCAVATED SKID TRAIL:

SMZ

COMMENTS

SHAPE OF UNIT AND PATTERN OF WALK THROUGH.

TRACTOR-LOGGED

HEAVY

SMZ OF UNIT AND PATTERN OF WALK THROUGH.

UNIT AND PATTERN OF WALK THROUGH.

10/21/1992

Cabinet - Dry Gulch Dixie
Unit 14
73007069
Dry Gulch Dixie

Unit 14

<table>
<thead>
<tr>
<th>Cable</th>
<th>Tractor</th>
</tr>
</thead>
<tbody>
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<td>No.</td>
<td>%</td>
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<tr>
<td>No.</td>
<td>%</td>
</tr>
<tr>
<td>Heavy</td>
<td>4 3</td>
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<tr>
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<td>13 10</td>
</tr>
<tr>
<td>Undet.</td>
<td>108 87</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Dredg.3</td>
<td>2 10</td>
</tr>
<tr>
<td>Eger. trail</td>
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</table>
KOOTENAI NATIONAL FOREST
SOIL IMPACT DATA FORM

DATE 9-22-92

OBSERVER Mr. Mather

DISTRICT D-7

SALE Dry Gulch Dixie UNIT # 16

730-09-042 16A

COMPACTION HEAVY

COMPACTION LIGHT

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

COMMENTS

1. Spring located 20 feet from lower edge of unit.

2. Unit is less disturbed in the bottom 1/4 than in the upper 3/4. The bottom 1/4 is a clear cut, the upper 3/4 is a loose tree with about 6-10 trees/ha.

SHAPE OF UNIT AND PATTERN OF WALK THROUGH.
**#1** SW corner of unit on Excavated Trail.
**#2** The bank of road (S008A) that runs forward from.
**#3** W won up unit on skid Trail

Dry Gulch Dip/e
Unit 16

<table>
<thead>
<tr>
<th>No.</th>
<th>%</th>
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</thead>
<tbody>
<tr>
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<td>Light</td>
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<tr>
<td>Displ</td>
<td>23</td>
</tr>
<tr>
<td>Erica</td>
<td>18</td>
</tr>
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</table>

**I VISION NO. 2**

![Diagram with numbers and symbols]
<table>
<thead>
<tr>
<th>CUTTING METHOD</th>
<th>SKIDDING METHOD</th>
<th>HAZARD TREATMENT</th>
<th>SILVICULTURAL TRMT</th>
<th>OPERATION PERIOD</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>tractor:</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **CUTTING METHOD**: 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.
- **SKIDDING METHOD**: Any other area not included in heavy COMPACTION or UNDISTURBED.
- **HAZARD TREATMENT**: No signs of any machinery or skidding activity.
- **UNDISTURBED**: Any place soil has been mounded by machinery, also include in heavy or light compaction.
- **DISPLACED**: Include within transect if within harvest unit.

**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.
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.

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UNDISTURBED - No signs of any machinery or skidding activity.

DISPLACtED - Any place soil has been mounded by machinery, also include in heavy or light compaction.

SMZ - Include within transect if within harvest unit.

SHAPE OF UNIT AND PATTERN OF TRANSECt
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

DATE: July 21, 1992

UNIT #: 18
ACRES: 621
LOCATION: 2776

CUTTING METHOD: RFS
SKIDDING METHOD: dispersed
HAZARD TREATMENT: Grand solid out
SILVICULTURAL TRMT: Cut & Reseed/Plnt
OPERATION PERIOD: 5/1991

COMPACTION (Heavy)

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS: (Include soil, geology, organic debris, other pertinent info)

SHAPE OF UNIT AND PATTERN OF TRANSECT

ACTION (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.

07/21/1992
Libby - Banfield
Unit 18
51302032
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

Stand ID:

Date:

CUTTING METHOD: [Blank]

SKIDDING METHOD: [Blank]

HAZARD TREATMENT:

SILVICULTURAL TRMT:

OPERATION PERIOD:

If tractor:

HAZARD TREATMENT:

SILVICULTURAL TRMT:

OPERATION PERIOD:

Acreage:

Location:

IMPACTION (Heavy):

IMPACTION (Light):

UNDISTURBED:

IS PLACED:

XCAVATED SKID TRAIL:

RMRock:

COMMENTS (Include soil, geology, organic debris, other pertinent info):

This was part of a site prep removal. I am not sure if the project called for 40-45% removal of soil as part of the bog removal, according to the specification. It was to be lightly or moderately done, but I don't know if it was done. I think there is a significant amount of it. I do not have any information on the project, but it was a low to medium impact area. No signs of any machinery or skiding activity.

SHAPE OF UNIT AND PATTERN OF TRANSECT:

ACTION (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.

07/21/1992
Libby - Snowshoe Road Bugs
Unit 2
52802050
<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>CUTTING METHOD</td>
<td>Dispersed</td>
</tr>
<tr>
<td>SKIDDING METHOD</td>
<td>Dedicated</td>
</tr>
<tr>
<td>HAZARD TREATMENT</td>
<td>Run Landings - 10/1/92</td>
</tr>
<tr>
<td>OPERATION PERIOD</td>
<td>7/11/92</td>
</tr>
<tr>
<td>Aspect</td>
<td>L/R</td>
</tr>
<tr>
<td>Elevation</td>
<td>2600</td>
</tr>
<tr>
<td>ACTION (Heavy)</td>
<td>Any place where future vegetative growth</td>
</tr>
<tr>
<td></td>
<td>will be significantly impacted, i.e., skid</td>
</tr>
<tr>
<td></td>
<td>trails (both heavily and lightly used</td>
</tr>
<tr>
<td></td>
<td>depending on amount of compaction related</td>
</tr>
<tr>
<td></td>
<td>to soil moisture), landings, and other</td>
</tr>
<tr>
<td></td>
<td>impacted areas.</td>
</tr>
<tr>
<td>ACTION (Light)</td>
<td>Any other area not included in heavy</td>
</tr>
<tr>
<td></td>
<td>compaction or undisturbed.</td>
</tr>
<tr>
<td>UNDISTURBED</td>
<td>No signs of any machinery or skidding</td>
</tr>
<tr>
<td></td>
<td>activity.</td>
</tr>
<tr>
<td>DISPLACED</td>
<td>Any place soil has been mounded by</td>
</tr>
<tr>
<td></td>
<td>machinery, also include in heavy or light</td>
</tr>
<tr>
<td></td>
<td>compaction.</td>
</tr>
<tr>
<td>SMZ</td>
<td>Include within transect if within harvest</td>
</tr>
<tr>
<td></td>
<td>unit.</td>
</tr>
</tbody>
</table>

*Note: The transect was part of a site prep review. The unit was scheduled for natural regen. It was left that the regen of regeneration would be light in nature. Regen would be supplemented if necessary.*

Date: 07/21/1992
Libby - Snowshoe Road Bugs
Unit 5
52802124
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

SERV. July 21, 1992

CUTTING METHOD

THPD Libby

SKIDDING METHOD

HAZARD TREATMENT

SILVICULTURAL TRMT

OPERATION PERIOD

571

IF tractor: dispersed dedicated

E A Hoodoo

C - Upper 1/3 - Parked 1 C/93

L HAZARD TREATMENT

WUS - 2 C/87

ACCOUNT (Heavy)

WALK-THROUGH

ACCOUNT (Light)

NDISTURBED

ISPLACED

XCULIATED SKID TRAIL

ISMOCK

COMMENTS (Include soil, geology, organic debris, other pertinent info)

This was part of a site prep service. Cut

Aging should never have been mixed. Operations occurred

on the site was too steep to be cut. Soil compaction

areas below 20% which is greater than the 18% recommended

for machinery operations. Apparently, this unit should have

been cut first. Since this unit was scheduled for

planting there definitely was need for 50% mineral soil.


SHAPE OF UNIT AND PATTERN OF TRANSECT

ACTION (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.

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