KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 3.21.90

CUTTING METHOD

SKIDDING METHOD

HAZARD ABATEMENT

SILVICULTURAL

OPERATION PERIOD

Wash Through

Fisher River - Lonesome Fire Salvage
Unit 1

57901022

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 5-10-90

CUTTING METHOD Clipper
SKIDDING METHOD RTS
HAZARD ABATEMENT Burned landing

DISTRICT Fisher River
SALE Smokey's Despair FS
OPERATION PERIOD Dec'89 - Jan-'90

COMPACTION (Heavy) Walk Through

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS

Unit 2: 24A; 5-15% slope; Cl - 4800-5050; E aspect; Hi/T = 620; Burned landing 1990

Unit 3: 21A; 15-25% slope; Cl - 4800-5000; E aspect; Hi/T = 620; Burned landing 1990

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 5-10-90

OBERVER Kootenai

DISTRICT Freckled Horse

SALE Freckled Horse S

Unit No. 1, 10, 11, 12

COMPACTION (Heavy)

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS

Unit 1: 56008054  48A; 20-35% slope; El. 4900-5400; NW aspect; burned landing 1992; H.T. 780

Unit 10: 56008050  33A; 40-55% slope; El. 3800-3900; N aspect; H.T. 292; BB 1992

Unit 11: 56008014  63A; 35-50% slope; El. 3300-3900; NE to NW aspect; H.T. 292; BB 1993

Unit 12: 56008056  30A; 30-45% slope; El. 3800-4200; NE aspect; H.T. 292; burned landing 1992

Shape of Unit and Pattern of Transect

Part of Dry Fork Fire 1988

UNIT 1: Hand 10, 11, 12; Cable 10, 11, 12; RTS 1

SKIDDING METHOD: Cable 10, 11, 12; RTS 1

HAZARD ABATEMENT: BB 1992, burn landing 1992

SILVICULTURAL: CC CC

OPERATION PERIOD: Dec '89 - Feb '90 - Unit 1

July - Aug '90 Units 10-12

Walk Through
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 5/14/90
CUTTING METHOD clipper

OBSERVER George Farms - F Simpson
DISTRICT Fisher River
HAZARD TREATMENT BB-1991
SALE Camp C. P.C. w/25%
SILVICULTURAL TREATMENT CC
UNIT No. 15 28A
OPERATION PERIOD Mid May 1990

SHAPE 21 7/8' (3700-4200) (Psime/Pine)
S aspect Ale: 4100 H.T.: 250

SHAPE OF UNIT AND PATTERN OF TRANSECT

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.

5/93
<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>
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<td>BURN PILES</td>
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</table>
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 6/13/90        CUTTING METHOD: chain

OBSERVER: Kuenen        SKIDDING METHOD: RT5

DISTRICT: Fisher River    HAZARD ABATEMENT: 1-Crosspiles

SALE: Burnt Boundary F.S.  SILVICULTURAL: CC

Unit No: 142

OPERATION PERIOD

COMPACTION (Heavy)

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS

Unit 1 - 57902009; 41A; 15'-25% slope; CL 4600-5200; E-SE aspect; HT 1625;

Unit 2 - 57903081; 53A; 10-20% slope; CL -5200-5500; NE aspect; HT 1670; Burned Landings 1990

Special Treatment Zone along S + NE edges of Unit 1; also LP5 in Unit 1

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 6/13/90

CUTTING METHOD hand clipper

SKIDDING METHOD RTS

HAZARD ABATEMENT Yarded tops

SILVICULTURAL SD

OPERATION PERIOD

COMPACTION (Heavy)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS

Unit 1: 57903085; 10-20% slope; EL = 5400; E aspect; HT = 625, burned handpits - 1992, burned boundaries - 1991

Protected stream course along N boundary

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire
DATE 6.13.90

DATE CUTOFF METHOD hand

SKIDDING METHOD cable

HAZARD ABATEMENT

SILVICULTURAL CC

OPERATION PERIOD Summer 1989-3

fall 1988-5

COMPAC (Heavy)

COMPAC (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID,TRAIL

SMZ/ROCK

COMMENTS

Unit 3: 57903083; 3A, 35-45% slope; E0: 4900-5100; SE aspect; H.T.: 323; burned, landslips 1990

Unit 5: 57903080; 36A, 30-40% slope; E0: 4600-5000; E aspect; H.T.: 731; burned, landslips

SMZ in middle, unit 5; LDS commerical

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire
DATE: Sept. 20, 1990

OBserver: Kellen

Cutting Method: Hand

Skidding Method: If tractor:

Hazards Treatment: CC

Silvicultural TRMT: FB spring 1991

Operation Period: Summer 1990

SALE/S.A. District: Fisher River - Devastation Alley

Unit #: 1

Acres: 18

H.T.:

Slope: 55-65

Aspect: S -> SE

Location: steep face into upper. Elevation: 4700 (4600-4800)

Compaction (Heavy): Walk-through

Compaction (Light):

Undisturbed:

Displaced:

Excavated Skid Trail:

SMZ/Rock:

Comments: Skyline logged - salvaging of 1988 Dry Fork Fire area. Some replantment in skidding corridor. Little or no economy log clear cuts. Seeding was used. partially good. Mostly LPP.

Part of 1988 Dry Fork Fire

Shape of Unit and Pattern of Transect:

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.
# Soil Disturbance Monitoring Form

**Kootenai National Forest**

## Date
- **09/20/1990**

## Cutting Method
- **Chopper + RT's**
- **Tractor + RT's**

## Skidding Method
- **Dispersed**
- **Dedicated**

## Hazard Treatment
- **SILVICULTURAL TRMT**

## Operation Period
- **July Salvage CC**

## Unit
- **2**
- **55906034**

## Acreage
- **6.3**

## Slope
- **28 - 35°**

## Location
- **Upper**

## Elevation
- **4500'**

## Comments
- **Location along Rd. At 357. Lot of compaction, displacement on skid trails, including very poor tracks, possibly due to hillside mats from high winds. Damage closed till very dense, objective where soils wet.**

## Shape of Unit and Pattern of Transect

### 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.
<table>
<thead>
<tr>
<th>DATE</th>
<th>Sept. 1990</th>
</tr>
</thead>
<tbody>
<tr>
<td>OBSERVER</td>
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<tr>
<td>DISTRICT</td>
<td></td>
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<tr>
<td>SALE/S.A.</td>
<td></td>
</tr>
<tr>
<td>Unit #</td>
<td>3</td>
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<tr>
<td>Acres</td>
<td>59</td>
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<tr>
<td>H.T.</td>
<td>530</td>
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<tr>
<td>Slope</td>
<td>39°</td>
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<tr>
<td>Location</td>
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<tr>
<td>COMPACTION (Heavy)</td>
<td>Walk-Throug</td>
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<tr>
<td>COMPACTION (Light)</td>
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<tr>
<td>UNDISTURBED</td>
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<td>DISPLACED</td>
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<tr>
<td>EXCAVATED SKID TRAIL</td>
<td></td>
</tr>
<tr>
<td>SMZ/ROCK</td>
<td></td>
</tr>
</tbody>
</table>

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

Once had previously been logged. Again skid trails greatly are not present but still some shows. Some old trails were paced, but some new ones were built. Expect a lot of junks to be delivered to Cripple House Creek.

Part of 1988 Dry Fork Fire

**SHAPE OF UNIT AND PATTERN OF TRANSECT**

**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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**SMZ** - Include within transect if within harvest unit.
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 10/23/90

CUTTING METHOD Clipper

SKIDDING METHOD RTS

HAZARD ABATEMENT Burn landings, grapple pile upper area

SILVICULTURAL CC upper area

OPERATION PERIOD Walk through

COMPACT (Heavy)

COMPACT (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS

Unit 2: 15-30% slope; E aspect; Eo 4800-5300; HI 620
Burn landings - 1990

Special treatment zone along drainageway and road
SMZ adjacent to drain in SE corner

Shape of Unit and Pattern of Transect

Part of Aug 1988 Dry Fork Fire
### Soil Disturbance Data Form

**KOOTENAI NATIONAL FOREST**  
**SOIL DISTURBANCE DATA FORM**  

<table>
<thead>
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<td>Observer</td>
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<td>Cutting Method</td>
<td>Hand</td>
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<td>Skidding Method</td>
<td>Cable</td>
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<td>Troy</td>
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<td>Sale</td>
<td>Red Top Cyclone</td>
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<td>Unit No.</td>
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<td>HAZARD TREATMENT</td>
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<td>SILVICULTURAL TREATMENT</td>
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<td>Operation Period</td>
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**SMZ** - include within transect if within harvest unit.

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Comments: Lots of wet spots within harvest unit - not accounted for in unit report. Need to make some agreement w/ purchasers on evading these areas.

**Shape of Unit and Pattern of Transect**