

57901022 - BA

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

03/21/1990
Fisher River - Lonesome Fire Salvage
Unit 1
57901022

DATE 3-21-90

CUTTING METHOD clipper

OBSERVER Kuennen

SKIDDING METHOD RTS

DISTRICT Fisher River

HAZARD ABATEMENT burned landings

SALE Lonesome F.S.

SILVICULTURAL CC

Unit No. 1
BA

OPERATION PERIOD Feb - Mar '90

COMPACTION(Heavy) Walk through

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID-TRAIL

SMZ/ROCK

COMMENTS

Unit 1; BA; 5-20% slope; Elv - 4700; SE Aspect;
H.T. - 620; Burned landings - 1990

Special Treatment gone in middle of unit.

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

7-55906032-24A

55906033-21A

DATE 5-10-90

CUTTING METHOD chipper

OBSERVER Kuennen

SKIDDING METHOD RTS

DISTRICT Fisher River

HAZARD ABATEMENT burned landings

SALE Smokey's Despair F.S.

SILVICULTURAL CC

Unit No. 2, 3

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; Ele-4900-5050 E aspect;
H.T. - 620; burned landings - 1990

Unit 3: 21A; 15-25% slope; Ele-4800-5000; E aspect;
H.T. - 620; burned landings 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

CUTTING METHOD hand 10,11,12; clipper-1

OBSERVER Kuennen

SKIDDING METHOD skippers/cable 10,11,12; RTS-1

DISTRICT Fisher River

HAZARD ABATEMENT BB-1992, burn landings 1992

SALE Freckled Horse F.S.

SILVICULTURAL CC → CC w/ reserves

Unit No. 1, 10, 11, 12

OPERATION PERIOD Dec '89 - Feb. '90 - Unit 1
July - Aug '90 Units 10-12

COMPACTION (Heavy) _____

COMPACTION (Light) _____

Walk Through

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID-TRAIL _____

SMZ/ROCK _____

COMMENTS

Unit 1: 56008054; 48A; 20-35% slope; Ele - 4900-5400';
NW aspect; burned landings - 1992; H.T. 750

Unit 10: 56008060; 33A; 40-55% slope; Ele - 3300-3900';
N aspect; H.T. - 292; BB-1992

Unit 11: 56008014; 63A; 35-50% slope; Ele - 3300-3900';
NE-NW aspect; H.T. - 292; BB-1993

Unit 12: 56008058; 30A; 30-45% slope; Ele - 3800-4200';
NE aspect; H.T. 292; burned landings 1992

Shape of Unit and Pattern of Transect

Part of Dry Fork Fire 1988

55405100

05/10/1990
Fisher River - Camp Creek Pest Control
Unit 15
55405100

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

cont # 46253

DATE 5.14.90 CUTTING METHOD clipper

OBSERVER Kuennen-Farmer-Buggeman SKIDDING METHOD RTS

DISTRICT Fisher River HAZARD TREATMENT BB-1991

SALE Camp Cr. P.C. ^{wk} 2103 SILVICULTURAL TREATMENT CC

Unit No. 15 28A

OPERATION PERIOD Mid May 1990

Walk-through slope: 21% (3700-4200) (Psmc/Vaca)
COMPACTON (Heavy) S aspect Elev: 4100 H.T.: 250

COMPACTON (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

COMMENTS Request from Purchaser to start logging. Soil is top with wept on the rd. Request to allow clipping w/ clipper staying on rocky ridges. Some compaction occurring under clipper. Can see the difference between machine riding + machine parked. Much denser where parked.

SHAPE OF UNIT AND PATTERN OF TRANSECT

COMPACTON (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.

COMPACTON (Light) - any other area not included in heavy COMPACTON 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.

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

3710267-1

57903081-2

DATE 6.13.90

CUTTING METHOD clipper

OBSERVER Kuennen

SKIDDING METHOD RTS

DISTRICT Fisher River

HAZARD ABATEMENT 1-Groppo pile

SALE Burnt Boundary F.S.

SILVICULTURAL CC

Unit No. 1+2

OPERATION PERIOD _____

COMPACTION(Heavy) _____

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

COMMENTS _____

Unit 1 - 57902009; 41A; 15-25% slope; Ele. 4800-5200';
E-SE aspect; H.T. 625;

Unit 2 - 57903081; 53A; 10-20% slope; Ele. 5200-5500';
NE aspect; H.T. 670' Burned landings - 1990

Special Treatment Zone along S + NE edges of Unit 2; also
LDS in Unit 1

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire

57903085-1

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 6.13.90

CUTTING METHOD hand clipper ^{sic} nr 7/4/03

OBSERVER Kuennen

SKIDDING METHOD RTS

DISTRICT Fisher River

HAZARD ABATEMENT Yarded tops

SALE Big Red F.S.

SILVICULTURAL SD

Unit No. 1

OPERATION PERIOD _____

COMPACTION(Heavy) _____

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

COMMENTS _____

10A
Unit 1: 57903085; 10-20% slope; Eo - 5400; E aspect;
H.T. - 625, burned hand pits - 1992, burned landings - 1991

Protected stream course along N boundary

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

57903083-3
57903080-5
DATE 6.13.90

CUTTING METHOD hand

OBSERVER Kuennen

SKIDDING METHOD cable

DISTRICT Fisher River

HAZARD ABATEMENT _____

SALE New Boundary F.S.

SILVICULTURAL CC

Unit No. 3 5

OPERATION PERIOD Summer 1989-3
fall 1988-5

COMPACTION(Heavy) _____

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

COMMENTS _____

Unit 3: 57903083; 5A; 35-45% slope; Ele. 4900-5100';
SE aspect; H.T. 323; burned landings - 1990

Unit 5: 57903080; 36A; 30-40% slope; Ele. 4600-5000';
E aspect; H.T. 731; burned landings

SMZ in middle of unit 5; L.D.S. non-merchantable

Shape of Unit and Pattern of Transect

Part of 1988 Dry Fork Fire

55902066

09/20/1990
Fisher River - Devastation Alley
Unit 1 55902066

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

Lot # 47475

DATE Sept. 20 1990 CUTTING METHOD Hand
 OBSERVER Khenhen SKIDDING METHOD Skyline
 DISTRICT Fisher River If tractor: dispersed dedicated Cable corrid.
 SALE/S.A. Devastation Alley HAZARD TREATMENT BB spring 1991
 Unit # 1 Acres 18 SILVICULTURAL TRMT CC
 H.T. _____ OPERATION PERIOD Summer 1990
 Slope 55-65% Aspect S → SE
 Location steep face into Crisples Elevation 4700 (4600-4800)
 COMPACTION (Heavy) _____

Walk-through

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

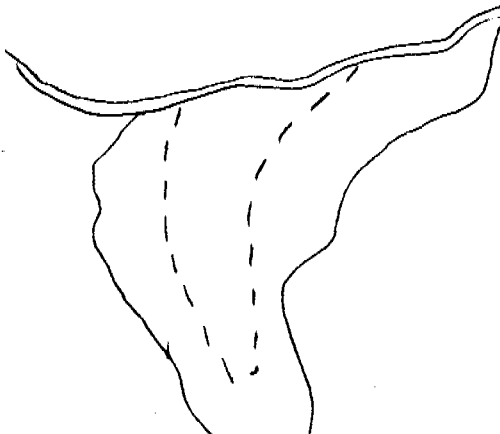
SMZ/ROCK _____

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

Skyline based - salvaging of 1988 Dry Fork Fire area.
Some replacement for skidding corridors. Little erosion.
Log cross trains & seeding were used. Looks very good. Mostly LPP

Part of 1988 Dry Fork Fire

SHAPE OF UNIT AND PATTERN OF TRANSECT



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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.

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM
B-747A

559-6-34

DATE	Sept 20, 1990	CUTTING METHOD	chipper
OBSERVER	Kuennen	SKIDDING METHOD	Tractor + RTS
DISTRICT	Fisher River	If tractor:	dispersed _____ dedicated <input checked="" type="checkbox"/>
SALE/S.A.	Black Horse Salvage	HAZARD TREATMENT	NA
Unit #	2 Acres 63	SILVICULTURAL TRMT	fire salvage CC
H.T.	SAF 530'	OPERATION PERIOD	7/1990
Slope	20 - 35%	Aspect	northerly
Location	upper	Elevation	4500'

COMPACTION (Heavy)

Walk-through

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

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

Location above Rd 835A. Lots of erosion + displacement on skid trails. Waterbars very good. Trails perpendicular to hill making for difficult waterbaring. Ground till very dense. Operate this when soils wet.

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

SMZ - Include within transect if within harvest unit.

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

559-6-35

DATE Sept. 1990 CUTTING METHOD hand
OBSERVER R. Whinnin SKIDDING METHOD tractor - RTS
DISTRICT Fisher River salvage lf tractor: dispersed dedicated
SALE/S.A. Black Horse HAZARD TREATMENT BC Burn
Unit # 3 Acres 59 SILVICULTURAL TRMT CC: fire salvage
H.T. 530 OPERATION PERIOD 8/1990
Slope 34% Aspect N
Location _____ Elevation 4300

COMPACTION (Heavy) _____

Walk-Through

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

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

Area had previously been logged. Again skid trails
waterbars are poor, most will not function. Some of
the old trails were used, but some new ones were built.
With a little effort no new ones would have to have been
built.
Expect a lot of fines to be delivered to Cripple Horse Creek.

Part of 1988 Dry Fork Fire

SHAPE OF UNIT AND PATTERN OF TRANSECT _____

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30 10/23/90
3-19-90 > 2

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

10/23/1990
Fisher River - Crossroads Fire Salvage
Unit 2
55907054

DATE 10.23.90

CUTTING METHOD clipper

OBSERVER Kuennen

SKIDDING METHOD RTS

DISTRICT Fisher River

HAZARD ABATEMENT burn landings, grapple pile
uppr area

SALE Crossroads Fire S.
Unit No. 2 49A

SILVICULTURAL CC

OPERATION PERIOD _____

COMPACTION (Heavy) Walk through

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

COMMENTS _____

Unit 2 is 15-30% slope; E aspect; Ele - 4800-5300; H.T. - 620
Burn landings - 1990

Special treatment zone along drainage way + road
SMZ adjacent to drainage in SE corner

Shape of Unit and Pattern of Transect
Part of Aug 1988 Dry Fork Fire

403 01 157

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

cont. # 45149

DATE 10.4.90 CUTTING METHOD hand

OBSERVER Kuennen Church-Williams SKIDDING METHOD cable

DISTRICT Troy HAZARD TREATMENT BB

SALE Red Top Cyclone SILVICULTURAL TREATMENT CC
Unit No. 1 13 Acres

H.T. w/ cyclone OPERATION PERIOD Summer 1990
through Ele: 4800

COMPACTION(Heavy) Aspect: SSE

COMPACTION(Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

COMMENTS Lots of wet spots w/ harvest units - not accounted for in unit layout. Need to make some agreements w/ purchaser on avoiding these areas.

SHAPE OF UNIT AND PATTERN OF TRANSECT

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