

08/08/2001
Cabinet - Burnt Lion
Unit 2A
73101003

73101003
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

Just
20A?

DATE 8/30
OBSERVER Krenner / Castillo
DISTRICT
SALE/S.A. Burnt Lion
Unit # 20A Acres 38
H.T. Hagar / Clun
Slope Broken 25-30% Aspect 1 E-SE
Location lower 15 2 Elevation 4220 - 4350
CUTTING METHOD Clipper (Timco)
SKIDDING METHOD RTS
If tractor: dispersed dedicated
HAZARD TREATMENT BB - spring 02
SILVICULTURAL TRMT CC w/ Reserve
OPERATION PERIOD Jan - Feb '00
COMPACTION (Heavy)

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

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

Start N 47° 42.335 4230 Stop N 47° 42.333
W 115° 33.795 W 115° 33.454
Stop N 47° 42.389 Stop
W 115° 33.687
Pass 1 Pass 2

SHAPE OF UNIT AND PATTERN OF TRANSECT

Trail Put to Bed -

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.

08/07/2001
Cabinet - Burnt Lion
Unit 22
73101004/73101007

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

73101004/73101007

DATE 8/7/01 CUTTING METHOD *Tractor*
OBSERVER *Ruggen / Costello* SKIDDING METHOD *TS*
DISTRICT *Cabinet* If tractor: dispersed dedicated
SALE/S.A. *Burnt Lion* *Dave Clay* HAZARD TREATMENT *whole tree yard, piles burned up*
Unit # *22* Acres *168* SILVICULTURAL TRMT *shelterwood*
H.T. *GF* *SAF* OPERATION PERIOD *Aug. 1999*
Slope *5-35* Aspect *N 4 E*
Location *upper* Elevation *4250-4500*
COMPACTION (Heavy) *|||||* 45

COMPACTION (Light) *|||||* 204

UNDISTURBED *|||||* 221

DISPLACED *|||||* 10

EXCAVATED SKID TRAIL

SMZ/ROCK

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

Upper half was excavator piled + scarified. Some jackpot burning below.

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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TRANSECT SUMMARY FORM

	Transect 1		Transect 2		Transect 3		Transect 4		Transect 5		TOTALS		
	Pts.	%	Pts.	%	Pts.	%	Pts.	%	Pts.	%	Pts.	%	
D i s t u r b	HEAVY	45	10	49	12	41	6	51	8	47	10	233	9
	LIGHT	204	43	190	47	298	47	330	49	236	50	1258	47
	UNDISTURB	221	47	168	41	294	47	290	43	192	40	1165	44
	TOTALS	470	100	407	100	633	100	671	100	475	100	2656	100
	DISPLACED	10	2	17	4	9	1	20	3	22	5	78	3
	EROSION												
	PUDDLED												
	SMZ												
	ROCK												
	BURN PILES	0	0	0	0	18	3	4	1	14	3	36	1

**KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM**

DATE 8/7/01 CUTTING METHOD _____
 OBSERVER _____ SKIDDING METHOD _____
 DISTRICT _____ If tractor: dispersed _____ dedicated _____
 SALE/S.A. _____ HAZARD TREATMENT _____
 Unit # _____ Acres 168 SILVICULTURAL TRMT _____
 H.T. _____ OPERATION PERIOD _____
 Slope _____ Aspect I _____
 Location _____ Elevation I _____
 COMPACTION (Heavy) ~~|||||~~ || 47

COMPACTION (Light) ~~|||||~~ || 236

UNDISTURBED ~~|||||~~ || 192

DISPLACED ~~|||||~~ || 22

EXCAVATED SKID TRAIL _____

SMZ/ROCK ~~|||||~~ || 14
 Bound Pk _____

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

Start N 47° 42.912
 W 115° 35.768

*84 shelterwood.
84 thinning*

Crossed temp road @ start of transect

Step N 47° 42.730
 W 115° 35.460 4402

SHAPE OF UNIT AND PATTERN OF TRANSECT

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KOOTENAI NATIONAL FOREST
 SOIL DISTURBANCE MONITORING FORM

DATE 8/8/01 CUTTING METHOD clipper - Timco
 SERVER Kuennen/Castillo SKIDDING METHOD Tractor
 DISTRICT Cabinet If tractor: dispersed dedicated
 SALE/S.A. Burnt Lion HAZARD TREATMENT BB - w/ excavated fireline
 Unit # 27A Acres 78 SILVICULTURAL TRMT Seed Tree CC w/ reserves
 H.T. 530 OPERATION PERIOD Winter w/ snow roads
 Slope 45-50 Aspect E
 Location Dixie Peak mid Elevation 4000-4700
 COMPACTION (Heavy) |||||

COMPACTION (Light) |||||

UNDISTURBED |||||

DISPLACED |||||

EXCAVATED SKID TRAIL

SMZ/ROCK |||||
 Recon. Road

COMMENTS (Include soil, geology, organic debris, other pertinent info)
 Start N 47° 39.963 Start N 47° 39.779 4380
W 115° 40.205 W 115° 40.385
 Stop N 47° 39.694 Stop N 47° 39.698 4467
W 115° 40.284 W 115° 40.384

SHAPE OF UNIT AND PATTERN OF TRANSECT

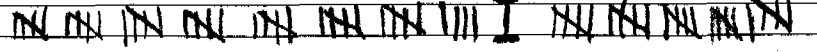
- Old excavated skid trail - |||||

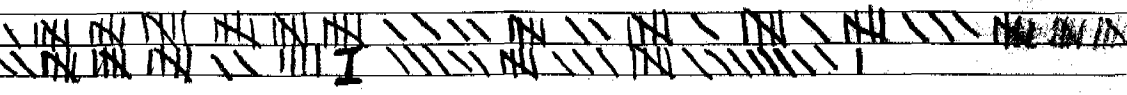
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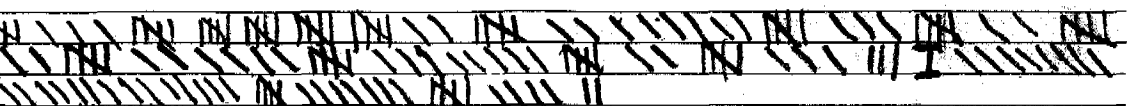
27-A


KOOTENAI NATIONAL FOREST SOIL DISTURBANCE MONITORING FORM

DATE _____ CUTTING METHOD _____
 OBSERVER _____ SKIDDING METHOD _____
 DISTRICT _____ If tractor: dispersed _____ dedicated _____
 SALE/S.A. _____ HAZARD TREATMENT _____
 Unit # _____ Acres _____ SILVICULTURAL TRMT _____
 H.T. _____ OPERATION PERIOD _____
 Slope _____ Aspect | _____
 Location _____ Elevation | _____

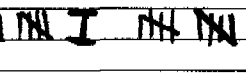
COMPACTION (Heavy) *Pass 3* 

COMPACTION (Light) 

UNDISTURBED 

DISPLACED 

EXCAVATED SKID TRAIL _____

SMZ/ROCK *Recon. Road* 

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

Start	N 47° 39.676	4550	Start	N 47° 40.048	4350
	W 115° 40.512			W 115° 40.417	
Stop	N 47° 39.990	4500	Stop	N 47° 39.874	4240
	W 115° 40.468			W 115° 40.337	

Pass 3

Pass 4

SHAPE OF UNIT AND PATTERN OF TRANSECT

Old excavated skid trail - IIII I IIIII

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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12902108
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 9-5-01 CUTTING METHOD clipper
OBSERVER Kuennen SKIDDING METHOD Tractor
DISTRICT Rexford HAZARD TREATMENT BB-Fall 1999;
SALE Lost-Soul-Salvage SILVICULTURAL TREATMENT SD
Unit No. 3 31A

watershed: E. Branch Big Cr. OPERATION PERIOD winter 98-99
H.T: SAF/Clun/Mep → SAF/Luhi Ele: 5000-5300' Aspect: North
COMPACTION (Heavy)

COMPACTION (Light) Walk through

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ

COMMENTS See Lost Soul #4 discussion.

Burns look good! Plenty of CWD subsequent to burn.
From soil + water standpoint both Unit 3 + 4 look good.

Part of Rexford District BMP review

SHAPE OF UNIT AND PATTERN OF TRANSECT

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SMZ - include within transect if within harvest unit.

12902107
KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE DATA FORM

DATE 9-5-01 CUTTING METHOD clipper
OBSERVER Kuennen SKIDDING METHOD Tractor
DISTRICT Rexford HAZARD TREATMENT BB-Fall 2000
SALE Lost-Soul-Salvage SILVICULTURAL TREATMENT SD
Unit No. 4 55A
H.T: SAF/Clun/Mefe -> SAF/Luki OPERATION PERIOD winter 99-00
Elev: 5400-5750' Aspect: North

COMPACTION(Heavy) _____
Walk through
COMPACTION(Light) _____

UNDISTURBED _____

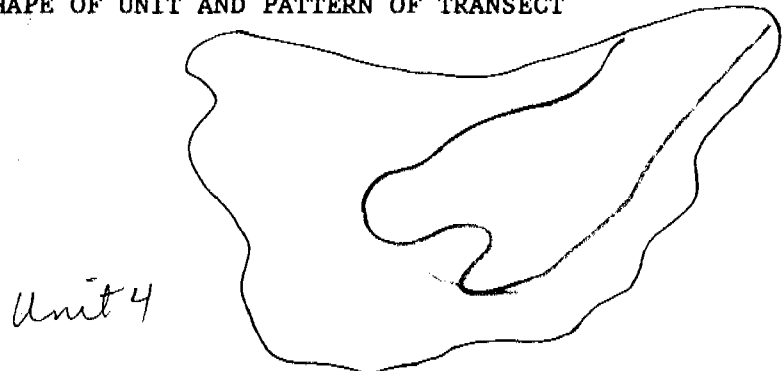
DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ _____

COMMENTS Roads used for access 333, 4814, 6245
Flappers used for surface drainage - many installed incorrectly.
Some ditch/scour has occurred. Area is very moist-
compacted till. Very few defined drainages - lots of surface
water, esp. during spring runoff. Some pipes need cleaning.
Older pipes have no sherd; newer ones do.
See Unit 3
Part of Rexford District BMP review.

SHAPE OF UNIT AND PATTERN OF TRANSECT



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10/30/2001
Fortine - Sinclair Salvage
Unit 2
31604073

31604073

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

DATE 10/30/01 CUTTING METHOD hand
OBSERVER Kuennen SKIDDING METHOD RTS
DISTRICT Fortine If tractor: dispersed dedicated
SALE/S.A. Sinclair Salvage Re-Ad HAZARD TREATMENT
Unit # 2 Acres 22 SILVICULTURAL TRMT LTM
H.T. DF/LibD OPERATION PERIOD
Slope 5-25 Aspect SW
Location lower Elevation 3650-3900
COMPACTION (Heavy)

Walk through

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

COMMENTS (Include soil, geology, organic debris, other pertinent info)
*CWD adequate. Some windthrow has occurred. Waterbars
in main skid trail just adequate.*

Part of a Kootenai Cat. Ex. Review

SHAPE OF UNIT AND PATTERN OF TRANSECT

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10/30/2001
Fortine - Sinclair Salvage
Unit 1
31604074

31604074

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

E 10/30/01
SERVER Rupprecht CUTTING METHOD and
DISTRICT Fortune SKIDDING METHOD RTS
SALE/S.A. Sinclair Salvage If tractor: dispersed dedicated
Unit # 1 Acres 36 HAZARD TREATMENT Understory burn 1998 spring
H.T. SILVICULTURAL TRMT CTM
Slope 10-20 Aspect SW
Location lower Elevation 3400 - 3900
COMPACTION (Heavy)

Walk Through

COMPACTION (Light)

UNDISTURBED

DISPLACED

EXCAVATED SKID TRAIL

SMZ/ROCK

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

CWD adequate.

Part of a Kootenai Cat. Ex. Review

SHAPE OF UNIT AND PATTERN OF TRANSECT

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SMZ - Include within transect if within harvest unit.

70702060

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

DATE 10/31/01 CUTTING METHOD clipper
 OPERATOR Kulonen SKIDDING METHOD tractor
 DISTRICT Cabinet Salvage If tractor: dispersed dedicated
 SALE/S.A. Bull Liber STS HAZARD TREATMENT BB fall '01
 Unit # 2 Acres 20 SILVICULTURAL TRMT LTM/T CC w/ Reserves
 H.T. GF/Clun - DF/Phma OPERATION PERIOD summer '01
 Slope 5-15 Aspect southeast
 Location lower Elevation 2300-2500
 COMPACTION (Heavy) _____

walk-through

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

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

*Old trail coming off power line corridor used for access. Trail
 cut to bed through unit. Recontouring by rough
 Part of a Cat. Ex. review for Kootenai*

SHAPE OF UNIT AND PATTERN OF TRANSECT

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 SMZ - Include within transect if within harvest unit.

70702062

KOOTENAI NATIONAL FOREST
SOIL DISTURBANCE MONITORING FORM

DATE 10/31/01 CUTTING METHOD clipper
 OBSERVER K. Simpson SKIDDING METHOD 1 tractor
 DISTRICT Cabinet Salvage tractor: dispersed dedicated
 SALE/S.A. Bull Liber SSTS HAZARD TREATMENT BB fall '01
 Unit # 3 Acres 12 SILVICULTURAL TRMT SD/T
 H.T. GF/Chun - DF/Phind OPERATION PERIOD Summer 2001
 Slope 5-20 Aspect southeast
 Location lower Elevation 2300-2360
 COMPACTION (Heavy) _____

Walk-through

COMPACTION (Light) _____

UNDISTURBED _____

DISPLACED _____

EXCAVATED SKID TRAIL _____

SMZ/ROCK _____

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

Excavator line put around unit. Line excessive on steep
 portion on west slope. Unit BB earlier this fall. Marginal burn
 did not reduce full hazard. From soil & water standpoint unit
 looks good. Sufficient CWD.

Old trail coming off power line corridor used for access. Trail
 put to bed. Small flatment of side hill construction originally.
 Recontouring okay - very rough

Part of a Cat. Ex. review for Koot.

SHAPE OF UNIT AND PATTERN OF TRANSECT _____

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