07/10/1996 Rexford - South Parsnip Pest Control Unit 10 13001100

KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

PATE 7.10.96	CUTTING METHOD Chapper
OBSERVER Kulmen	SKIDDING METHOD RTS
DISTRICT Refford	HAZARD TREATMENT
SALE South Parsnip P.C.	SILVICULTURAL TREATMENT WL seed tree 5D
Unit No. 10 117A	OPERATION PERIOD winter 95-96
S. F. Paranip Anea. 45	
COMPACTION (Heavy) IN M S S L	18MM (A) 1 ³⁷
@ MEMBL 45 0 /	DIS BE BUNDAN 260
COMPACTION (Light) DE	
	WWW WWW WW WW W W W W W W W W W W W W
UNDISTURBED WE DE BILO	
O N N N N N N N N N N N N N N N N N N N	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
DISPLACED S / S S S	
EXCAVATED SKID TRAIL	
See IM. 1977 1972	
MANDEN MANDEL STATE OF THE SECOND	₹ □ ³⁷
COMMENTS Soil is setwated now.	Soil was saturated during logging.
honerfore It is now	van extended trail, marton lead to
factured bedrock. The few w	returbers are going some good, but there
watercame from tracks as	I started brosion. Doyle or Alligar
peter formant of SE corner	
mille-across narlow pars	tofunit
SHAPE OF MYTT AND PATTERN OF TRANSECT	first bend
Por Contral of operations. Si	nall draw on northend; Shidded in to over meas. inlet at main landing-smached.
a all a trade to condinant	and med
Culve to to la part C. Iveit	inletat mainlanding-smached.
- Contact of the	

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.

			2 Midd	là:			· 1	
	1 Lowe	•			3 upper	1 1	Tota	<i>f</i> .
isturbance	1 1	- 11		%	Points	V/0	Points	<u> 70</u>
Heavy	45	19	30	18	45	7		 -
Light	13.5	5/00	38	55	400	59		
Undist.	60 1	25	45	27	235	34		
	· /	\longrightarrow	-				N.	
TOTAL	240	100	165	100	680	100		
Puddled	20	8	30	18	45	7		
Displaced	10	4	5	3	25	4		
6 51		1 B	ा वि	E 51	<u> </u>	10		Displace
<u>β</u> 57				8 L2	<u> </u>			- Pudded
001 50					5 h G	101 \	51 7	HIOL
70			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1				
- 55 00	55	11 7	V	55 0	91	85	05	-प्राकृ
	96 II		~~~		72 \	25 56		TARIT .
	91		- 11		, ε	9 8	 	HEAVY
1	11	Su	- 11	1 -	11	1 1	पाश्च	Jourg mysy
% 54	110/ 1/	2	Am	nu-tamo	7 6 77	na rados	7 7	
14					سر حرا		7	·
and the second of the second						6		
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			1		.	1		
		West feet						
						grade ja 18. dade 1999 Paris, gali ingrita salahi P		
			_					

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07/16/1996 Rexford - Inch Mountain Pest Control 12304104

12304/04 KOOTENAL NATIONAL FOREST SOIL DISTURBANCE DATA FORM

PATE 7.16.96	CUTTING METHOD Clipper/Processor	
OBSERVER Kulmen	SKIDDING METHOD Tractor	
DISTRICT Refford	HAZARD TREATMENT	
SALE Inch Mrt. 623-04-104	SILVICULTURAL TREATMENT SD Wh seed tree	9
Unit No. /	OPERATION PERIOD winter? late spring/sprin	T
SAF Illsi on Mafe COMPACTION (Heavy):	Unit not burned.	,
COMPACTION (Heavy)		!
COMPACTION (Light) AND MOMMAN	NIN MAMMA	71
BAKANANANARAKANA		6
UNDISTURBED A MANAMANA	ANNOT	7.5
		82
DISPLACED		
EXCAVATED SKID TRAIL		
largested SMZ		
COMMENTS Quartrite bedrock. S.	I very rocky. Soil very wet.	,
Some lerosan ochuming in &	ireline!	
Soil saturated. Wetspite scatte	at throughoutualt. More in southern	
That looks very good.	7	
Hish 4-10", myll in places		
SHAPE OF UNIT AND PATTERN OF TRANSECT		
uper		
Lower		
7993A		
impacted, i.e., skid trails (both heav compaction related to soil moisture), COMPACTION(Light) - any other area not UNDISTURBED - no signs of any machiner	included in heavy COMPACTION or UNDISTURBED.	
light compaction. SMZ - include within transect if withi	n harvest unit. 5/93	

Va

%

12304058 KOOTENAI NATIONAL FOREST SOLL DISTURBANCE DATA FORM

PATE <u>'/'/6' 76</u>	CUTTING METHOD Oupper
OBSERVER Kuennen	SKIDDING METHOD Tractor
DISTRICT Repford	HAZARD TREATMENT BB Spring 96
SALE Unit No. //	SILVICULTURAL TREATMENT SU FEW L Selectron
Planted ES, WL, DF 39th SAF/	9/5/ or Mefe Unit was burned
COMPACTION (Heavy)	8 3
COMPACTION (Light) AND	62
AND	
MANAMAMA DISPLACED/	90
EXCAVATED SKID TRAIL along lever	sland DD 3/20
pringarles & Crosion 1	3
COMMENTS Over Quarty to bedro	ch. Lots of angular soch in soil (over 65%)
Some bission in leganitar la	reliste - Lower gold of shiding als have song
Steeper than upper part, except	for 5W corner.
Unit looks very good.	
Mille - across middle of short Shape of Unit and Pattern of Transect	er part of unit!
	7993D
Janes Janes	Leave island

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.

	1 Lou		3 Mu	Alle	3 W	eper 1	1 Tota	
Disturbance	Points	%	Points	%	Points	0/0	Points	0/0
Heavy	800	3	3	1	0	0	11	1
Light	62	25	160	3.2	40	3 l	262	30
Undist.	180	72	332	67	90	69	602	69
							S	
TOTAL	250	100	495	100	130	100	875	100
- publied								
Displaced We	0	0	10		6	0	10	1
Erosion	3	1	0	0	0	0	3 1	0
	-1 45	7	1	·			<u> </u>	

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KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM 09/12/1996 Rexford - Upper Face Pest Control Unit 1 10403109

DATE 9.12.96	CUTTING METHOD Clepper
BSERVER Kuennen-Sullivan	SKIDDING METHOD
ISTRICT Redding	HAZARD TREATMENT .7
TALE Upper Face PC	SILVICULTURAL TREATMENT SODES - CTM
104-03-109 32A	OPERATION PERIOD August 1996
OMPACTION (Heavy)	17 10
COMPACTION (Light) AND	INDINATE ISC INDINATE ISC INDIN
NDISTURBED XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
ISPLACED S	40
ZNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNNN	
Roch:	3
OMMENTS .	dance I wake like they tracket
severy by and tried	for drive on every piece of grow
Planding. The water bars on	re disturbance in + around the
some of the bars is not	the best
hauld be a cool born to pro-	vide some site prep.
SHAPE OF UNIT AND PATTERN OF ZRANSECT	Rd 8000 8
gper niddle ower	
nesse	
- Lucel	
	future vegetative growth will be significantly

compaction related to soil moisture), landings, and other impacted areas.

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

<u>UNDISTURBED</u> - 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.

Unit 8

	Upp	er_	Mio	ldle	Law	er	Tota	
Disturbance	Points	%	Points	%	Points	0/0	Points	0
Heavy	17	10	10	3	13	6	40	6
Light	136	74	230	76	165	76	531	75
Undist.	30	16	63	21	40	18	133	19
						,		
TOTAL	183	100	303	100	218	100	704	100
Rock	5	3	7	a	1	1	13	Z
Displaced	10	5	58	19	40	18	108	15
1	I	1		l .				

r, 100 € .

10403112 Unit 10 10403112 CUTTING METHOD (likene DATE 9.12.96 (south), Loger (north) HAZARD TREATMENT DISTRICT SILVICULTURAL TREATMENT _ SALE / OPERATION PERIOD 104-03-112 10/20 19/2 COMPACTION (Light) UNDISTURBED 33/80 DISPLACED 38/42 EXCAVATED SKID 50/20 COMMENTS SHAPE OF UNIT AND PATTERN OF TRANSECT 1.200 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

KOOTENAI NATIONAL FOREST

SOIL DISTURBANCE DATA FORM

09/12/1996

Rexford - Upper Face Pest Control

Unit 10

	U parasaling	RT	5102	13 Cart	1 Uyen	Do	700-	
Disturbance	Points	%	Points	%	Points	0/0	Points	0
Heavy	10	7	19.	10	20	8	21.	7.
Light	110	77	147-	22	203	77	219	_7/_
Undist.	23	16	25	/3	40	15	48	22
TOTAL	143	100	191	100	263	100	308	100
lewestrips	50		50		50		20	
Displaced	33	23	38	20	80	30	42	14
•	•	· R	TS	•		T	Doze	1
•				+			-	
	e -41;	l	١ ^				1 1	1

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RTS	I	00	er	
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29 9		41	7	
257 77		422	74	and the same
48 14	ν.	108	19	
334 100		571	100	
71 21	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	122	21	
		•	• :	, (
905				

07/10/1996

Rexford - Ural Creek

Unit 5
12802164

12662164

KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

/Shelterwood 47: 20 20 20 20 20 32: 32: 34: 34:
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70 70 70 70 70 70 28
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20//
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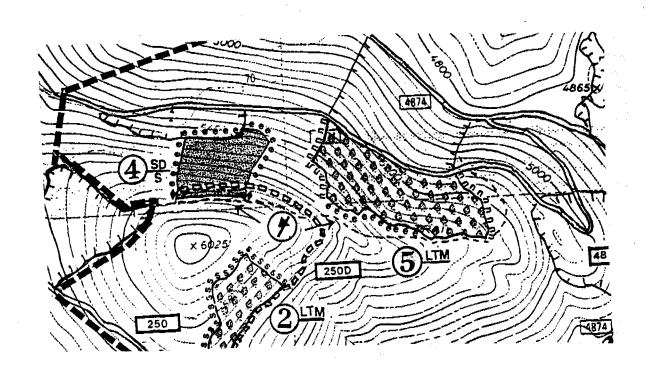
COMPACTION(Light) - any other area not included in heavy COMPACTION or UNDISTURBED.

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.

				4	•		1	1
	1 how	er	2 Uppe				10Ta	<u>_</u> _
Disturbance	Points	%	Points	%	Points	0/0	Points	0
Heavy	47	7	7				54	4
i-ight	299	47	325	47			622	47
Undist.	287	46	360	52		,	647	49
						- .		
TOTAL	631	100	692	100			1323	100
Erosion	20	3	/3	2			<i>3</i> 3	2
Displaced	20	3	. 17	2			37	. 3
Displaced Published	5	1 /	0	D			5	0
		1		l ·	Į.	•		



4190224 KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

07/17/1996 Three Rivers - French Mudpickens Unit 8 41901226/41902124

5/93

DATE 7.17.96	CUTTING METHOD Chapter	— <i>[</i>
OBSERVER Kuennen	SKIDDING METHOD Tractor	\ <u>\</u>
DISTRICT Three Rivers	HAZARD TREATMENT Smalle feavator pil	es
SALE French Mudpickens Unit No. Budpickens	SILVICULTURAL TREATMENT Seed tree (WE	`
39A	OPERATION PERIOD Summe '95	
WRC/Clun-WH/Clun EtsSEd	repert #197 St. 124	_ 6
		_ 4
COMPACTION (Light)	A MANANA MA A A A A A A A A A A A A A A	_316
		_ 3z
UNDISTURBED AND MONTH		_ 28
		_ 23
DISPLACED []		2
		_ 13
Burn piles	<u>, – ML – 11 – 11 – 12 – 13 – 13 – 13 – 13 – 13</u>	15 15
Erosion: i / 1	A Activity and the second of t	/3 4
		3_
COMMENTS ASA 8-16"		_ 3 _ (
	emboundary-erosion occurring	_ 3 _ (
COMMENTS Ash 8-16" Fireline too Leep slong worth	entoundary-erasion occurring	_ 3
COMMENTS ASA 8-16"	entomentary-erasion occurring +9F ots of duff left, dos = 25T of 73".	3 (
COMMENTS Ash 8-16" Fireline too deep slong worth	entoundary-erasion occurring +2E ots of duff left, dos = 25T of 73".	
COMMENTS Ash 8-16" Fireline too Leep slong worth	entoundary-erasion occurring. 12 tots of duff left, dos = 25 T of 73".	
COMMENTS Ash 8-16" Fireline too Leep slong worth	entoundary-erasion occurring +2 to of duff left, dos = 25 T of 73".	- 3 - 3 - 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
COMMENTS Ash 8-16" Fireline too Leep slong morth	embrundary-erasion occurring 1. Lots of duff left, doo = 25T of 73".	- 3
COMMENTS Ask 8-16" Fireline too Leep stong morth	entoundary-crossion occurring +DF ots of duff left, doo = 25 T of 73".	
COMMENTS Ask 8-16" Fireline too Leep stong morth	embrundary-crossion occurring + 2 f - 25 T of 73".	- 3
COMMENTS Ask 8-16" Fireline too Leep stong morth	entoundary-erasion occurring 19 tots of duff left, dos = 25 T of 73". GCT	- 3
COMMENTS Ask 8-16" Fireline too Leep stong morth	emboundary-crossion occurring +9E ots of duff left, doo = 25 T of 73".	
COMMENTS Ask 8-16" Fireline too Leep stong morth	emboundary-erasion occurring 19E ts of deff left, doo = 25T of 73".	- 3
COMMENTS Ask 8-16" Fireline too Leep story worth	emboundary-crossion occurring 19 fots of duff left, doo = 25 T of 73".	- 3
COMMENTS Ash 8-16" Fireline too Leep slong morth	emboundary-erasion occurring 12 tots of duff left, doo = 25 T of 73". ECT	- 3 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1
COMMENTS Ash 8-16" Fireline too Leep slong morth	entoundary-crossion occurring 19 tots of duff left, doo = 25 T of 73". ECT	
COMMENTS Ash 8-16" Fireline too Leep slong morth	emboundary-crosson occurring. 19 ots of duff left, doo = 25 T of 73".	- 3
COMMENTS Ash 8-16" Fineline too deep slong months Lantis planted w/ WL +WWP SHAPE OF INIT AND PATTERN OF TRANSE	enternal and a second and second	- 3
COMMENTS Ash 8-16" Fineline for leep slong months SHAPE OF INIT AND PATTERN OF TRANSE COMPACTION(Heavy) - any place where impacted, i.e., skid trails (both h	e future vegetative growth will be significantly neavily and lightly used depending on amount of	
COMMENTS Ask 8-16" Fineline for leep slong months SHAPE OF INIT AND PATTERN OF TRANSE COMPACTION(Heavy) - any place where impacted, i.e., skid trails (both he compaction related to soil moisture)	e future vegetative growth will be significantly neavily and lightly used depending on amount of e), landings, and other impacted areas.	
COMMENTS As 8-16" Fineline for leep along months SHAPE OF INIT AND PATTERN OF TRANSE COMPACTION(Heavy) - any place where impacted, i.e., skid trails (both hecompaction related to soil moisture	e future vegetative growth will be significantly neavily and lightly used depending on amount of e), landings, and other impacted areas. not included in heavy COMPACTION or UNDISTURBE	

light compaction.

SMZ - include within transect if within harvest unit.

1	1-L	ower	120	Apper			Tota]
		i			1/	%		%
rie vy	6	_ /	4	1		•	10	
Light Undist.	315	52	320	58	}		635	55
undist.		47	230	41			515	44
	606	100	554	100			1160	100
	·		l		i.			
Burn Piles	15	2.5	15	2.7	;		30	3
Displaced _ Erosion	8	1	/3	2			21	a
crosion	4	.6	3	1.5		1.7	7	.6
1						_		
	No. of the second secon							
The state of the s		1.44	, a - 4					
	and the second	and National w			er en			

A Comment

Alexander (

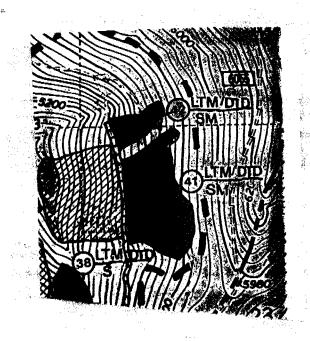
SOIL DISTURBANCE DATA_FORM Unit 42 42701175 ipped CUTTING METHOD SKIDDING METHOD HAZARD TREATMENT SILVICULTURAL TREATMENT CC W/ reserves OPERATION PERIOD Janfal. 1996 427-01-175 COMPACTION (Heavy) 区:: 91 60 199 20/ 35 DISPLACED X X X : 51 図 図 図 図 図 EXCAVATED SKID TRAIL 11 SMZ COMMENTS 1) 15% rock on surface, 60-70% rock in waterbarred but due to the rock content, probably didn't need Rock is angular. Probably Ravalli Fm. found on suff trails 35-45% slope, lower partion of unit tell that a disper was there except for This was winter logged so impact to soils was minimal SHAPE OF UNIT AND PATTERN OF TRANSECT Unit 41 lies adjacent to Unit 42. Even though transent 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. 5/93 SMZ - include within transect if within harvest unit.

KOOTENAI NATIONAL FOREST

09/23/1996

Three Rivers - Fowler FIre Salvage

	North	l .	Sour					
_	Tran	sect	Tran	sect			Tota	11
tur banco	Points		Points	%/0	Points	0/0	Points	0
Heavy	11	4	14	5	2		25	4
Light	91	30	60	22			151	26
Undist.	199	66	201	73			400	70
		r						
TOTAL	301	100	275	100			576	100
Excavated Trail	11 %	4	14	5			25	Ч
Displaced	35	12	51	19		12.47.44.35	86	15
•	ı	i				,		



07/01/1996 Libby - Thompson View Salvage	KOOTENAI NATIONAL FOREST Contract No. 5348/ SOIL DISTURBANCE DATA FORM	
Unit 1 59602503	596-02-503 (00000000). CUTTING METHOD Line	
BERVER Kuennen	SKIDDING METHOD	
DISTRICT Libby	HAZARD TREATMENT	
SALE Thompson View	Salvage SILVICULTURAL TREATMENT LTM	
SAF/Vase WNU	OPERATION PERIOD Summer 1993	
COMPACTION(Heavy)	X Land Cychange 7/20	
COMPACTION (Light) A A A A	MAMMAMAMAM 165 MAMMAMAMA 210	
UNDISTURBED AND AND AND AND AND AND AND AND AND AN	[
DISPLACED A A A	20/50	
EXCAVATED SKID TRAIL		
SMZ		
Control of the Contro		
COMMENTS ash 6-10", include along nor	och confant below ash 50-70 por oular. there bey, too deep, us waterbars, erosion e there, mostly ineffective.	
COMMENTS ash 6-10", reline along nor coops waterland as	them below too doese, no waterbars, erosion	-to
propos witerlass as	them below too doese, no waterbars, erosion	to
propos witerlass as	them bly, too doep, no waterbars, erosion a those, mustly ineffective.	to
propos witerlass as	there begge too does, no waterbars, erosion a those, mostly ineffective. enage on st past gate; lacking prior to go so 6770 Por R uxper unit boundars.	to
Like the surface dr	there begge too does, no waterbars, erosion a those, mostly ineffective. enage on st past gate; lacking prior to go so 6770 Por R uxper unit boundars.	to
Like the surface dr	there begge too does, no waterbars, erosion a those, mostly ineffective. enage on st past gate; lacking prior to go so 6770 Por R uxper unit boundars.	to
Like the surface dr	there begge too does, no waterbars, erosion a those, mostly ineffective. enage on st past gate; lacking prior to go so 6770 Por R uxper unit boundars.	to
Like the surface dr	there begge too does, no waterbars, erosion a those, mostly ineffective. enage on st past gate; lacking prior to go so 6770 Por R uxper unit boundars.	to
COMPACTION (Heavy) - any plantage impacted, i.e., skid trails compaction related to soil COMPACTION (Light) - any oth NDISTURBED - no signs of a	there begge too does, no waterbars, erosion a those, mostly ineffective. enage on st past gate; lacking prior to go so 6770 Por R uxper unit boundars.	to

5/93

 $\underline{\mathtt{SMZ}}$ - include within transect if within harvest unit.

•	Upp	er	Low	er			Tota	
Pistur bance	Points	0/0	Points	%	Points	0/0	Points	9/0
Heavy	7	Z	20	6		·	27	4
Light	165	56	210	61		,	375	59
Undist.	123	42	^=)1Z	33			235	37
TOTAL	295	100	342	100			637	100
						·		
Displaced	20	7	50	15			70	11

2 38 MARINE RECEIVED

	-02-51/87) N (0000002)	Unit 4 & 7
DATE 7.1.96	CUTTING METHOD Clype	
PSERVER Kuchnen	SKIDDING METHOD dogge	
DISTRICT Libby	HAZARD TREATMENT	
SALE Thompson View:	Salvage SILVICULTURAL TREATMENT S	D
Unit No. 4+7 6A 32A	OPERATION PERIOD Summer	1995
SAF/Clun on Vage	Land Exchange	
COMPACTION (Heavy)		
COMPACTION (Light) NOW NOW NO NOT NOT NOT NOT NOT NOT NOT NOT NOT	MMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMMM	1 Lower 22 upper 22
UNDISTURBED AND MAN		Lower 14 upper 15
DISPLACED AND BE		30/
EXCAVATED SKID TRAFL		
SMZ		
COMMENTS		
Du corner of unt ste	epert of all units.	
ash - 6-10"	west side of leave island in	Sheeting
To the way and the state of		<i>//</i>
Late of erasson in w	est fine line	
		18/1/3
SHAPE OF UNIT AND PATTERN OF	TRANSECT	SO
	· · · · · · · · · · · · · · · · · · ·	
	(/)/// * I//	747
,		19///
en e	/////•/0/	2///
· · · · · · · · · · · · · · · · · · ·		9 ////
	Land of the land o	6/1/
· 通過企	(H)H(IIII)	Z 13 11
impacted, i.e., skid trails compaction related to soil me	e where future vegetative growth will be (both heavily and lightly used depending oisture), landings, and other impacted a r area not included in heavy COMPACTION	on amount of reas.
UNDISTURBED - no signs of an	y machinery or skidding activity.	
DISPLACED - any place soil he light compaction.	as been mounded by machinery, also inclu	ide in heavy or
SMZ - include within transec	t if within harvest unit.	5/93

KOOTENAI NATIONAL FOREST

SOIL DISTURBANCE DATA FORM

PRIVATE

07/01/1996

Libby - Thompson View Salvage

_	Lou	uer	UPF	per			LTota	
Disturbance	Points	%	Points	%	Points	0/0	Points	00
Heavy	20	5	18	5			38	5
Light	220	57	224	57			444	51
Undist.	145	38	150	38			295	38
								ŕ
TOTAL	385	100	39Z	100		i na é sa cing co	777	100
	•	विद्याद	A. Tet				N N N	X. (3)
Displaced	30	8	3 ⊘	8		/ZZX	160	8
•		1		l se se se				
					in the second se			
	· · ·25							V

1147°	MAAMMAT MAMTANAT PARECT	07/01/1996
paivare	KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM	Libby - Thompson View Salvage
	596-02-520 (00000004)	Unit 6 59602520
DATE 7, 1, 96	CUTTING METHOD (Dingler	
	_	
Jerver Kaennen	SKIDDING METHOD donger	
DISTRICT Libby	HAZARD TREATMENT	
	Salvege SILVICULTURAL TREATMENT SD	<u> </u>
Unit No	OPERATION PERIOD Summer	1995
SAF/Xete SW	hand exchange - stand nos. g	one.
COMPACTION (Heavy) K S K	Lower	33
MILLIE "		3
COMPACTION(Light)		193
N N N N N N N N N N N N N N N N N N N	MANASSANA mid/a	
UNDISTURBED XXXXX	DIDIDIDI Lower	
N N N N N N N N N N N N N N N N N N N	ABB M middle	<u> 15</u> 0
DE DE DE DE LE	Sal	45/43/5
DISPLACED DE CEL	N N N N N N N N N N N N N N N N N N N	<u> 43/43/</u> 3
EXCAVATED SKID TRAIL		7
Love		
SMZ.		
COMMENTS miged		
1 Locas Thin (2'-6"), 0	Soch content high (50-75%); angular	· ·
Waterbass for lands	cert en mion between them	·
Essentouch	ringin some of shid Track.	
)		
Lowertrans: contain	above landing	
nille : just bel	on leave islands,	
SHAFE OF UNIT AND PATTERN OF	E TRANSECT	gar
SUPER OF OUTL WAS ENTIRED OF	TRANSLOI	
	asp.	
•		
in the second of	**************************************	
v	Warrell W. Carriel III	7
COMPACTION(Heaver) - any nlag	ce where future vegetative growth will be sign	nificantly
Consider the Contract of the C	"""	

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.

NDISTURBED - no signs of any machinery or skidding activity.

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

SMZ - include within transect if within harvest unit.

	Lou	er	Mia	dle	Upp.	er 1	LTota	
Disturbance.	Points	%	Points	%	Points	0/0	Points	010
Heavy	33	10	17	5	3	2	53	6
Light	193	57	190	53	85	51	468	54
Undist.	112	33	150	42	80	48	342	40
TOTAL	338	100	357	100	168	100	863	100
			•					
Displaced	45	13	43	12	5.	3	93	11

PAIVATE	KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM	07/01/1996 Libby - Thompson View Salvage Unit 5
DATE 7:1.96	596-02-519 (OOC CUTTING METHOD (900003) 59602519
PERVER Kuennen	SKIDDING METHOD_	boger
DISTRICT Libby	HAZARD TREATMENT_	
SALE Thompson Vie	Salvey SILVICULTURAL TREATM	ENT SD
Bas Z area St	4F/Xete SW Land Che	inner 1995
COMPACTION (Heavy)	1	30/15
(K)		Z80
COMPACTION(Light)		AND AND AND STO
UNDISTURBED NE NAME OF THE PROPERTY OF THE PRO	ANDRONO BARAN	Lower 190 152
DISPLACED BE BI & B	4	33/35
EXCAVATED SKID TRAIL		
SMZ		
comments Quite a lot of w il not quite as how ong lower transe	indhow! ho as with 6. Ash 2-6" m et tractor sperator seen	tel to be heavy handed.
	Annual superior super	
Lower: Contour els	s up from Ad. 6770	
SHAPE OF UNIT AND PATTERN	OF TRANSECT	
· · · · · · · · · · · · · · · · · · ·	· ·	Tellit
impacted, i.e., skid trail compaction related to soil COMPACTION(Light) - any ot	ace where future vegetative growth so (both heavily and lightly used moisture), landings, and other in the area not included in heavy CO any machinery or skidding activit	depending on amount of mpacted areas. MPACTION or UNDISTURBED.

PLACED - any place soil has been mounded by machinery, also include in heavy or

SMZ - include within transect if within harvest unit.

aght compaction.

07/01/1996

	Low	er	Upp	er			Tota	
istur banco	Points	%	Points	%	Points	0/0	Points	%
Heavy	30	6	15	3			45	_5_
Light	280	56	270	62			550	59
Undist.	190	38	^ /5 Z	35		·	342	36
		, ·						
TOTAL	500	100	437	100			937	100
Displaced	33	7	35	8			68	7

a por la companya de la co La companya de la companya del companya del companya de la companya del companya de la companya del companya de la companya del companya

Jayan Jayan

SOIL DISTURBANCE DATA FORM Unit 1 72809003 CUTTING METHOD SKIDDING METHOD SERVER HAZARD TREATMENT DISTRICT SILVICULTURAL TREATMENT SALE OPERATION PERIOD Wans 728-09-00 COMPACTION (Heavy) COMPACTION(Light) 对对对对对对对对对对对对对对对对对对对对 Z Z DISPLACED EXCAVATED SKID TRAIL SMZ COMMENTS 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.

KOOTENAI NATIONAL FOREST

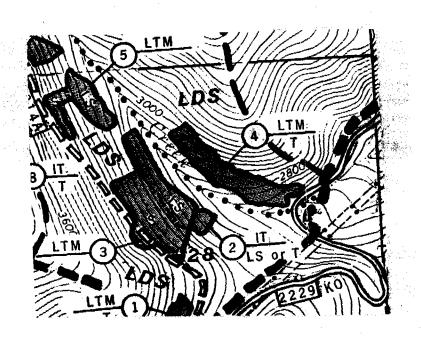
10/17/1996

Cabinet - Beetle Bug Salvage

	Upp	er_	Lon	rer			11 Tota	
Disturbance	Points	l _ li	Points	%/0	Points	0/0	Points	0
Heavy	1	0	3	/			4	Charles 2
Light	90	39	110	39			260	39
Undist.	140	61	170	60			310	60
								1
TOTAL	231	100	283	100			514	100
					25			
Displaced	0	<u> </u>	2		3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	100	2	0
/	I .	i		· ·	,	1		

10/11/1000	NAI NATIONAL FOREST ISTURBANCE DATA FORM
Cabinet - Stevens Blacktail Unit 4 72206041	2206041 . 10% 90%
DATE Oct - 17, 1996	CUTTING METHOD Hand & Chipped
BSERVER Gennen/Brooks	SKIDDING METHOD Tractor
DISTRICT Colinet	HAZARD TREATMENT
sustain as Rhack tril	SILVICULTURAL TREATMENT LTM
Unit No. 4	OPERATION PERIOD Sentember 199
122-06-097 13A	OFERALION LENIOR
COMPACTION (Heavy) N N N N 14 1	<u> </u>
	N N N N N N N N N N N N N N N N N N N
NESSER SE	
UNDISTURBED MAN MAN MAN	PM DDDDDDDDD DDD GOD
DISPLACED BEN M M M: (54)	
EXCAVATED SKID TRAIL	
SMZ	
Secontained trail of been leveled more. Some water callecting little exosion, my	on mid sortion of Trail with ight hay from some some rippen
of rail unis too a	
Due to skidding getters	n did a server of yig mage across
,	
SHAPE OF UNIT AND PATTERN OF TRANS	ECT
4	
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1 See 2 2 1
Blackfait C	
chtart C	
impacted, i.e., skid trails (both compaction related to soil moistur	e future vegetative growth will be significantly heavily and lightly used depending on amount of e), landings, and other impacted areas.
<u>COMPACTION(Light)</u> - any other area <u>UNDISTURBED</u> - no signs of any mach	not included in heavy COMPACTION or UNDISTURBED
	n mounded by machinery, also include in heavy or
light compaction.	•
$\frac{1}{1000}$ - include within transect if w	ithin harvest unit. 5/93

							Tota	1
Disturbance	Points	%	Points	%/0	Points	0/0	Points	01
Heavy	41	5					41	5
Light	502	61					502	67
Undist.	207	28					207	28
TOTAL	950	100					750	100
		· · · · · · · · · · · · · · · · · · ·					17.	
Displaced	54	c A	1 24 21				2.54	7
/	1	İ	•	i	•	•		



10/01/1000	NATIONAL FOREST URBANCE DATA FORM 7 9 7 7 1 5
Cabinet - Stevens Blacktail Unit 16 71902015	
DATE Oct. 7, 1996	CUTTING METHOD Hand
BSERVER Kulmnen	SKIDDING METHOD RTS w/ grapple
DISTRICT Cabinet	HAZARD TREATMENT
SALESTEVENS-Blacktest	SILVICULTURAL TREATMENT Seed tree -DF
Unit No. // ₀	OPERATION PERIOD Best-Oct 1996
GF/Copore above	Below rd,
COMPACTION (Heavy)	4 1
	190 S N N N 38
COMPACTION (Light) A A A A A A A A A A A A A A A A A A A	ABBASANDA DA BARA DA L. 17
	165 BANANAN
UNDISTURBED AND AND AND AND AND AND AND AND AND AN	80 MMMMMM 23
LBBBBBB	80 X M X M X M 2 3
M M DISPLACED M	10 10
EXCAVATED SKID TRAIL	
Set Soch :	
comments pissersed shidding. One	shifter was bunching logs, the other
LT 562	
H.TGF/Cooc: Libo, Xete Pamy	Cook Amal, Spirea, Vany, PYR, Carn
+151112 5222 11110 3222 522	
SHAPE OF UNIT AND PATTERN OF TRANSECT	
	below no
Obove rd: Hand felled, grapple childred, whole-tree yarded, mixed-con Slape 10-30	
Slape 10-30.	Y . C
Elow rd hand belled,	↑
rappled, tops left.	
slope - flat w/ depression	
rain trail- heavy compaction al	live
	ture vegetative growth will be significantly
impacted, i.e., skid trails (both heave compaction related to soil moisture),	vily and lightly used depending on amount of landings, and other impacted areas.
COMPACTION(Light) - any other area not	included in heavy COMPACTION or UNDISTURBED.
UNDISTURBED - no signs of any machiner DISPLACED - any place soil has been mo	cy or skidding activity. Sounded by machinery, also include in heavy or
light compaction.	
SMZ - include within transect if within	in harvest unit. 5/93
I	

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District Lance	Bints	6/10 10	Boints 10 in 15	5/10 /0	F 15		F Open
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	a de la companya de l						
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					19 0h	730 175	75, pu
					Ь	38	paro H
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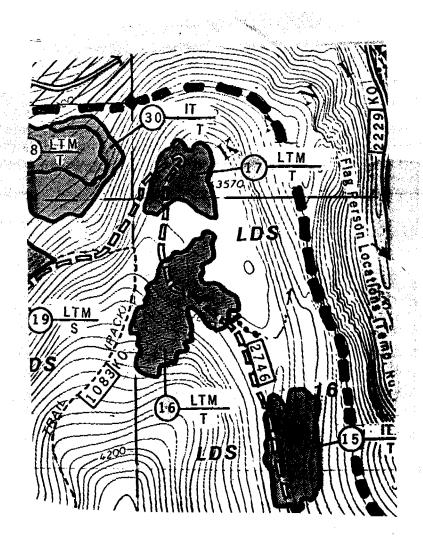
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14	125	67	061	14	<i>೨೦೮</i>	وراع	591.	+112.7
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16	STAIG	%	STAID	0/0	stried.	20/0	Star 8	Swade
	otot	. 47	WY	m	",W"	'E' vo	7	
			79	h1.6	py	modt	1	

	Λ	
DATE Oct. 7, 1996	CUTTING METHOD Hand	
BSERVER Kuennen	skidding method RTS ω /	grapple
DISTRICT Cabinet	HAZARD TREATMENT BB Oc	1. 1996
SALE Fevens Blacktail	silvicultural treatment S	ed pres DF
919 1279 17A	OPERATION PERIOD Sept 19	96
COMPACTION (Heavy) A ML		
COMPACTION(Light) 🛛 🗸 🔯 🗸		
UNDISTURBED MANAGE		
DISPLACED		
J 4 0 1 1 1 1 0 1 1 1 1 1 1 1 1 1 1 1 1 1		
EXCAVATED SKID TRAIL		
SMZ		
COMMENTS Dispersed shidle	ing w/ major trails. He	vy compact
in major trails. Top	cotgraphy flishy so no dis	elecement'
)——————————————————————————————————————		
SHAPE OF UNIT AND PATTERN OF TR	ANSECT	
SHAPE OF UNIT AND PATTERN OF TR	ANSECT	
SHAPE OF UNIT AND PATTERN OF TR	ANSECT	
SHAPE OF UNIT AND PATTERN OF TR	ANSECT	
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A CONTROL OF THE PROPERTY OF T		
A CONTROL OF THE PROPERTY OF T	ANSECT	
A CONTROL OF THE PROPERTY OF T		
A Lun	itn	he significantly
COMPACTION(Heavy) - any place w	here future vegetative growth will	be significantly
COMPACTION(Heavy) - any place wimpacted, i.e., skid trails (bo	here future vegetative growth will the heavily and lightly used dependent	ing on amount of
COMPACTION(Heavy) - any place wimpacted, i.e., skid trails (bo compaction related to soil mois COMPACTION(Light) - any other a	here future vegetative growth will the heavily and lightly used dependent ture), landings, and other impacted real not included in heavy COMPACTI	ing on amount of d areas.
COMPACTION(Heavy) - any place wimpacted, i.e., skid trails (bo compaction related to soil mois COMPACTION(Light) - any other a UNDISTURBED - no signs of any m	here future vegetative growth will th heavily and lightly used depend ture), landings, and other impacte rea not included in heavy COMPACTI achinery or skidding activity.	ing on amount of d areas. ON or UNDISTURBED
COMPACTION(Heavy) - any place wimpacted, i.e., skid trails (bo compaction related to soil mois COMPACTION(Light) - any other a UNDISTURBED - no signs of any mDISPLACED - any place soil has	here future vegetative growth will the heavily and lightly used dependent ture), landings, and other impacted real not included in heavy COMPACTI	ing on amount of d areas. ON or UNDISTURBED
COMPACTION(Heavy) - any place wimpacted, i.e., skid trails (bo compaction related to soil mois COMPACTION(Light) - any other a UNDISTURBED - no signs of any m	here future vegetative growth will th heavily and lightly used depend ture), landings, and other impacte rea not included in heavy COMPACTI achinery or skidding activity. been mounded by machinery, also in	ing on amount of d areas. ON or UNDISTURBED

KOOTENAI NATIONAL FOREST

10/07/1996

							Tota	1.
Disturbance. Heavy Light Undist.	Points	0/0	Points	%	Points	0/0	Points	0
Heavy	25	9						**Xileyo, sor
Light	180	64						<u></u> 11
Undist.	15	27			112			
TOTAL	280	100						
		<u> </u>				e sees a left leg		
Displaced	0	0				W BATTO	TO THE STATE OF TH	
<i>1</i>	I		•					



PATE Janel 1796	CUTTING METHOD Nank
OBSERVER Luennan	skidding method RTS
DISTRICT Rexford	HAZARD TREATMENTS/ashing 144 Jack pet bun
SALE Dodge C. Fullo	SILVICULTURAL TREATMENT LTM 3-G.
Unit No. / 3 4-4 Dodge Creek Fuels, Unit 1, 3 & 4	OPERATION PERIOD Wanter 95-96
102001, 10503026, 10503025	Ele. 2600 location - le ver
COMPACTION(Heavy)	
COMPACTION(Light)	
JNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ	
COMMENTS Wenter operation - 1	Versley let Looks Very good!

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.

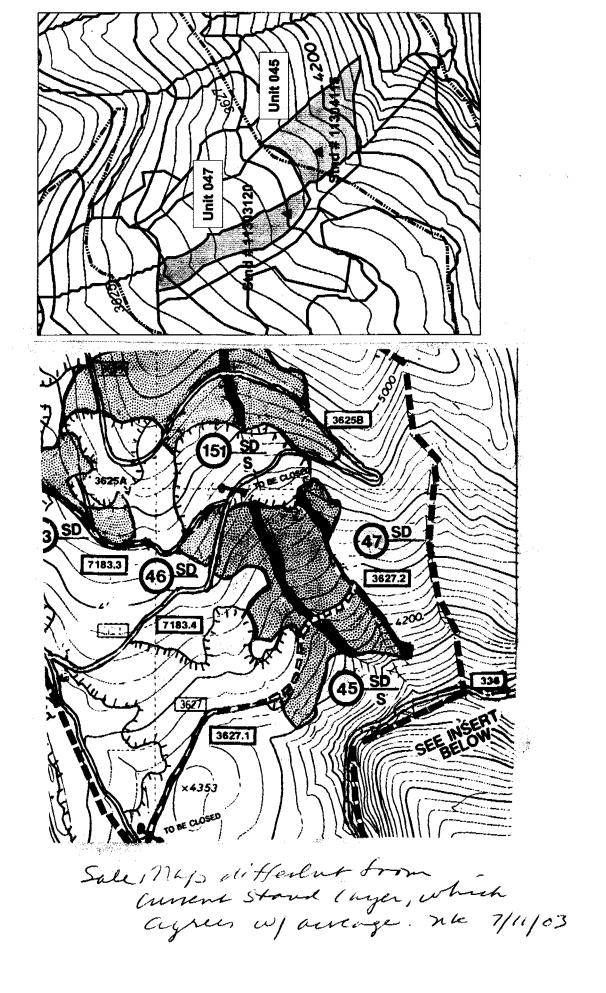
 $\overline{ ext{DISPLACED}}$ - any place soil has been mounded by machinery, also include in heavy or light compaction.

SMZ - include within transect if within harvest unit.

11304 115 KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

03/29/1996 Rexford - North Fork West FIre Salvage Unit 45 11304115

DATE 3/2	9/96	CUTTING METHOD clips / hand
OBSERVER	Kuennen/Sullivan	SKIDDING METHOD RTS
DISTRICT_	efford to salve	HAZARD ABATEMENT Jackput '99
SALE/orth	, , , , , , , , , , , , , , , , , , , ,	SILVICULTURAL ST Cut
HT-533 El-	1200 A5-SE Char	OPERATION PERIOD Jan - Feb '96
COMPACTIO	ON(Heavy)	45° 50
COMPACTIO	DN (Light)	
UNDISTURB	ED	
DISPLACED		
EXCAVATED	SKID TRAIL	
SMZ/ROCK		
COMMENTS		
_ Open	etrans occurring	on snow roads. Operations look
intou	nits to be put to a	elle the landing Temp. road
Chang of I.L.	it and Pattern of Transect	
i shape of On	it and rattern of fransect	



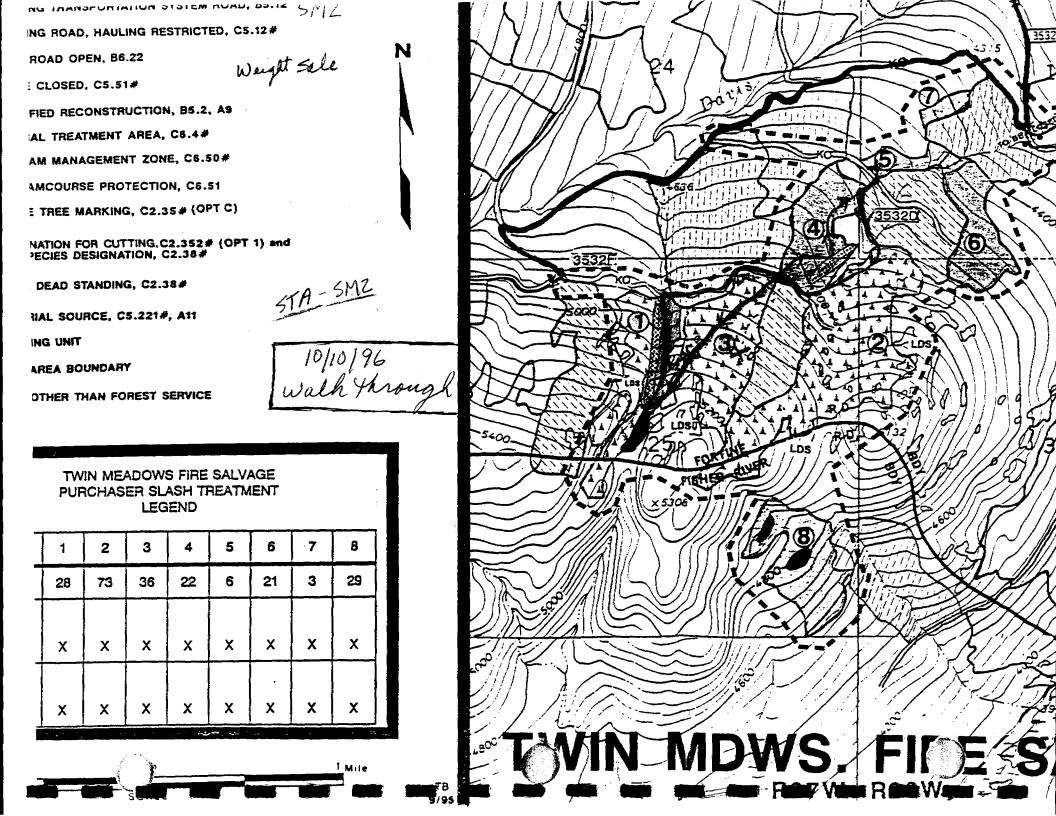
KOOTENAI NATIONAL FOREST Unit 47
SOIL DISTURBANCE DATA FORM 03/05/1996
Rexford - N
Unit 47
11303120

03/05/1996 Rexford - North Fork West Fire Salvage

	DATE 3/5/96	CUTTING METHOD Clipper
	OBSERVER Luenner / Enery	SKIDDING METHOD RTS
	DISTRICT Refford!	HAZARD ABATEMENT Jack put 199
ĺ	SALENON Forth West Fire Salvage Unit No. 47 91	
HT-6	, 21, El- 4500. As-52	OPERATION PERIOD Jan-Fet 96
	COMPACTION(Heavy)	en a si na con escala con escala describación de la constante
•		- Dolle Herrical
	COMPACTION (Light)	
	UNDISTURBED	
	DISPLACED	
	EXCAVATED SKID TRAIL	
 }	SMZ/ROCK	
	COMMENTS Oxferation look very	nding.
•		<u></u>
•		
Ì		
	Shape of Unit and Pattern of Transect	

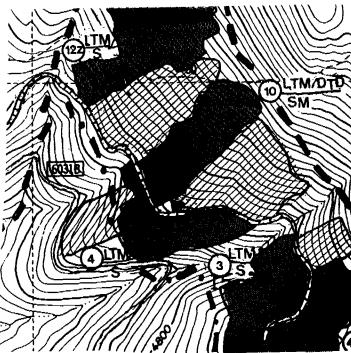
	KOOTENAI NATIONAL FOREST	10/10/1996	
	SOIL DISTURBANCE DATA FORM	Fortine - Twin Meadows FIre Salvage	
<i>O</i> 1	•	Utill 1, 2, 3, 4	35406069
DATE Oct-10, 1996	CUTTING METHOD	1 1 1000	35407007 35406071/
BSERVER nennen	skidding method_{	11 00 100	35407002 35407011
ISTRICT Fortine	HAZARD TREATMENT		
SALE Twin Molwo. Fire Sa	Long SILVICULTURAL TRE	ATMENTS 43 LTM, 4 Spa	les.
Unit No. 1, 2, 3, 4	OPERATION PERIOD	Jan-Feb. 1996, Jun	e'96
Wolk through	11 2.354-09-009 12	+ 3. 354-69-674.09A + 4. 354-00-576.09A	•
COMPACTION (Heavy) CC w/ re	serves (3) CC	w/ reserves	1
COMPACTION(Light) (3) CC	w reserves (4)	: ST Seed cut	
UNDISTURBED			
DISPLACED			
EXCAVATED SKID TRAIL			
SMZ			<u></u>
Certification for El langed, the off way of the accumulation No strong was accurated with war decling. Unit 4 was scanned in the or Notice of UNIT and PATTERN OF Wenter logging in Unit Summer logging in Unit	to 1, 2 + 3 was excel it 4 was good. Lu	List were wroter was a track of the compartion tooks to overland, lent.	de low!
COMPACTION(Heavy) - any plac	e where future vegetative gro	owth will be significantly	
impacted, i.e., skid trails	(both heavily and lightly use of sture), landings, and other	ed depending on amount of	
COMPACTION(Light) - any other	er area not included in heavy ny machinery or skidding acti	COMPACTION or UNDISTURBED.	
	has been mounded by machinery		

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X=YAS
X=Y

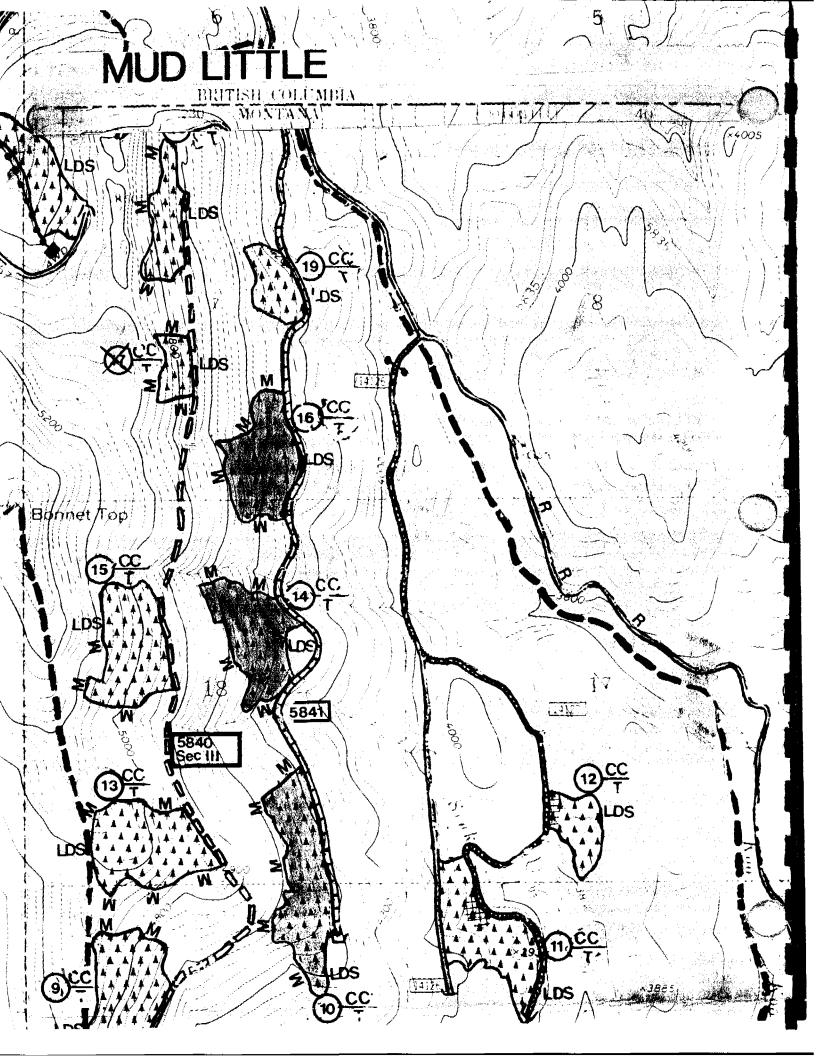


10 42701178 - 39A	19 42764/18	•
	KOOTENAI NATIONAL FOREST OIL DISTURBANCE DATA FORM	01/23/1996 Three Rivers
DATE 1/23/96	CUTTING METHOD clipper/hand	- Fowler Fire Salvag Unit 10 & 17
OBSERVERKuennen/Maller	n skidding method RTS	42701178 42704118
DISTRICT Three Rivers	HAZARD ABATEMENT	
SALE Fowler Fire Salvage Unit No. 10 + 17	SILVICULTURAL Regeneration Cut	CC w/reser
Unit No. 10 + 17 132/740 El-5060-5200, As-54	V-NWOPERATION PERIOD San 16	
COMPACTION(Heavy) slope 2	5-35 Walle-Hr	sus l
COMPACTION (Light)		7
UNDISTURBED		
DISPLACED		
EXCAVATED SKID TRAIL		
SMZ/ROCK		1
COMMENTS Operation reco	ming on snow roads. Snow	very deep. A
impact to soil. Weed to be	, , , , , , , , , , , , , , , , , , , ,	
of sous.		





07/18/1996 1994 Grapple piles, 1995 burn CC w/ Reserves Hand Sawn KOOTENAI NATIONAL FOREST Three Rivers - Mud Little SOIL IMPACT DATA FORM 42202162 42202165 DATE 7.18.96 OBSERVER Kulmen also 10+16 422-02-164 DISTRICT Three Kivers SALE Mud Little Planted to WL, DF, WWP WH/Clun COMPACTION HEAVY COMPACTION LIGHT UNDISTURBED DISPLACED EXCAVATED SKID TRAIL SMZ rensects were made. Looks like de Have some problem w/ unit layout on units 10,14,16.



45303179

KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

09/17/1996 Three Rivers - Studebaker Fire Salvage Unit 16 45303179

рате <u>9-17-96</u>	CUTTING METHOD hand
OBSERVER Kuennen	SKIDDING METHOD Cable
DISTRICT Three Rivers	HAZARD ABATEMENT
SALESTudebaha F. S. Unit No. 16 3A	OPERATION PERIOD Jan. '96
COMPACTION(Heavy)	<i>V</i>
COMPACTION (Light)	Walk Through
UNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ/ROCK	
COMMENTS	silvre in drainage. No impact to soil
Shape of Unit and Pattern of Transect	101,16. Hurush

HONOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM 09/17/1996 Three Rivers - Studebaker Fire Salvage Unit 17 45303143

	DATE 9-17-96	CUTTING METHOD hand
N. A. D. C. HOLLES	OBSERVER Kuenne	SKIDDING METHOD <u>Calple</u>
	DISTRICT Three Rivers	HAZARD ABATEMENT
} .	SALE Studebaker Eno Salvag	LSILVICULTURAL <u>Sw seed</u>
ļ	Unit No. 17 1A 624 EL-5500 As-5 Slope 35 COMPACTION(Heavy)	OPERATION PERIOD Aug '97
	CONFACTION(Fleavy)	Walk VI A
	COMPACTION (Light)	
	UNDISTURBED	
	DISPLACED	
}	EXCAVATED SKID TRAIL	
	SMZ/ROCK	
er de Silveria	COMMENTS small Old lebris failure in c no remotel around	orner of unit, Recommend no road or or above failure. No impact to soil
	Shape of Unit and Pattern of Transect 'www	the - through

KOOTENAI NATIONAL FOREST SOIL DISTURBANCE D'A FORM

09/23/1996 Three Rivers - Fowl Ball Unit 19 42702104

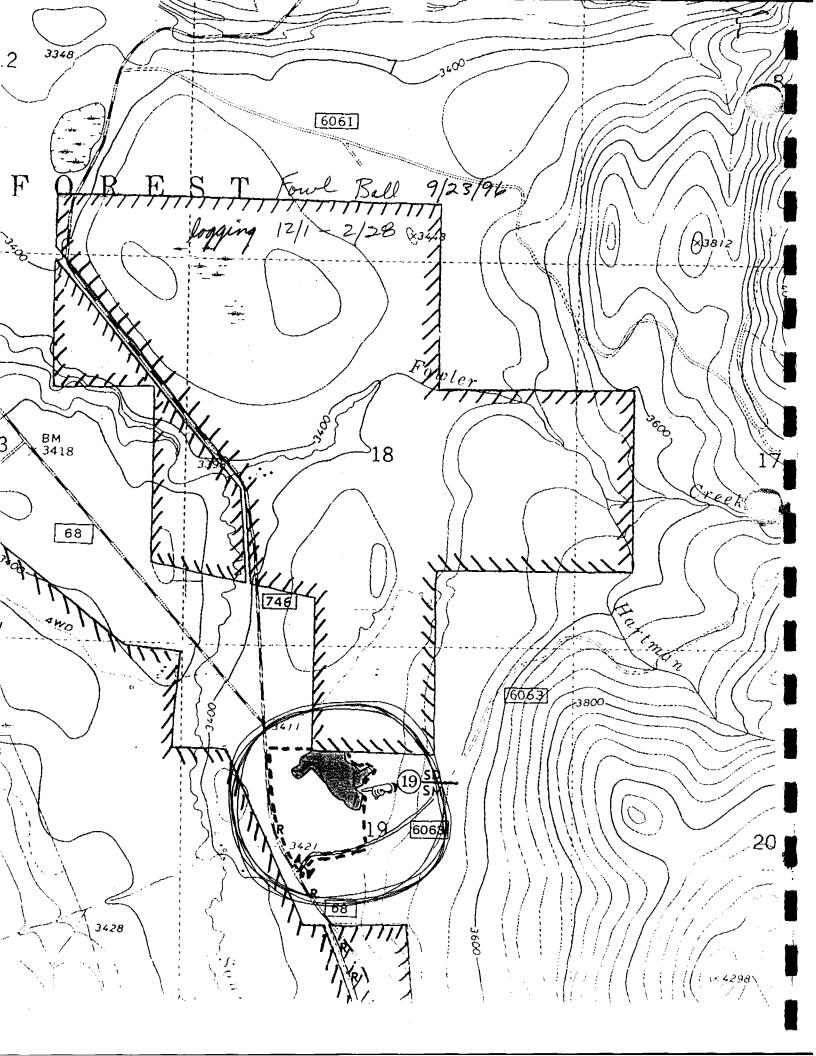
DATE 9.23.96	CUTTING METHOD Hand
BSERVER Kuennen/Moeller/Bajons	Ukkidding methodRTS
DISTRICT Three Ravers	HAZARD TREATMENT Excavator Pile
SALE Foul Ball RE-AD	SILVICULTURAL TREATMENT Species Des. LPP
Unit No. 17 9H	OPERATION PERIOD Jan-Fel. 1996
SAF walk throught	427-02-104
COMPACTION(Heavy)	
COMPACTION(Light)	
UNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ	
COMMENTS No trangerta ! wal	h through! The unit is long things of flat.
ashis scattered glosent, a	reged presents
landing Soil compaction	on its estitent inthese trails
over simest eller the unit	- Very little is Listerfeld more your
splegent, over all the un	it, at the soil surface
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.



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KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

7020 11/29/1996 Libby - Sheldon Interface

Unit 5 51404048/51704020 CUTTING METHOD DATE 1/29SKIDDING METHOD KT DISTRICT Libby HAZARD ABATEMENT SILVICULTURAL Improvements OPERATION PERIOD Dec 95-lan 9/2 COMPACTION(Heavy) COMPACTION (Light) UNDISTURBED DISPLACED EXCAVATED SKID TRAIL SMZ/ROCK Shape of Unit and Pattern of Transect/walk though

02/23/1996 Libby - Prospect Parmenter 52301088

52301088 - 11A KOOTENAI NATIONAL FOREST

SOIL DISTURBANCE DATA FORM

	DATE 2/23/96	CUTTING METHOD clipper/hand
San Carlotte	OBSERVER Luennen Crawford	SKIDDING METHOD Cable
	DISTRICT Libby	HAZARD ABATEMENT understry born 197
	SALEProspect Parmenter	SILVICULTURAL SW seel reserve
М.	312 El-3500, As-5 Shope 50	OPERATION PERIOD Jul Aug 196
H1.	COMPACTION(Heavy)	
		walktungt
	COMPACTION (Light)	
	UNDISTURBED	
	DISPLACED	
	EXCAVATED SKID TRAIL	
	SMZ/ROCK	
المستندية	COMMENTS	
	Shape of Unit and Pattern of Transect	

10/04/1996 SOIL DISTURBANCE DATA FORM Cabinet - Genos Vex SSTS 74103054 Unit 1 & 2 DATE Oct. 4, 1996 74101054/74105054 CUTTING METHOD SKIDDING METHOD Horse SERVER / HAZARD TREATMENT DISTRICT (SILVICULTURAL TREATMENT 17M OPERATION PERIOD Summer 1996 741-05-054 COMPACTION (Heavy) COMPACTION(Light) UNDISTURBED DISPLACED EXCAVATED SKID TRAIL SMZ

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.

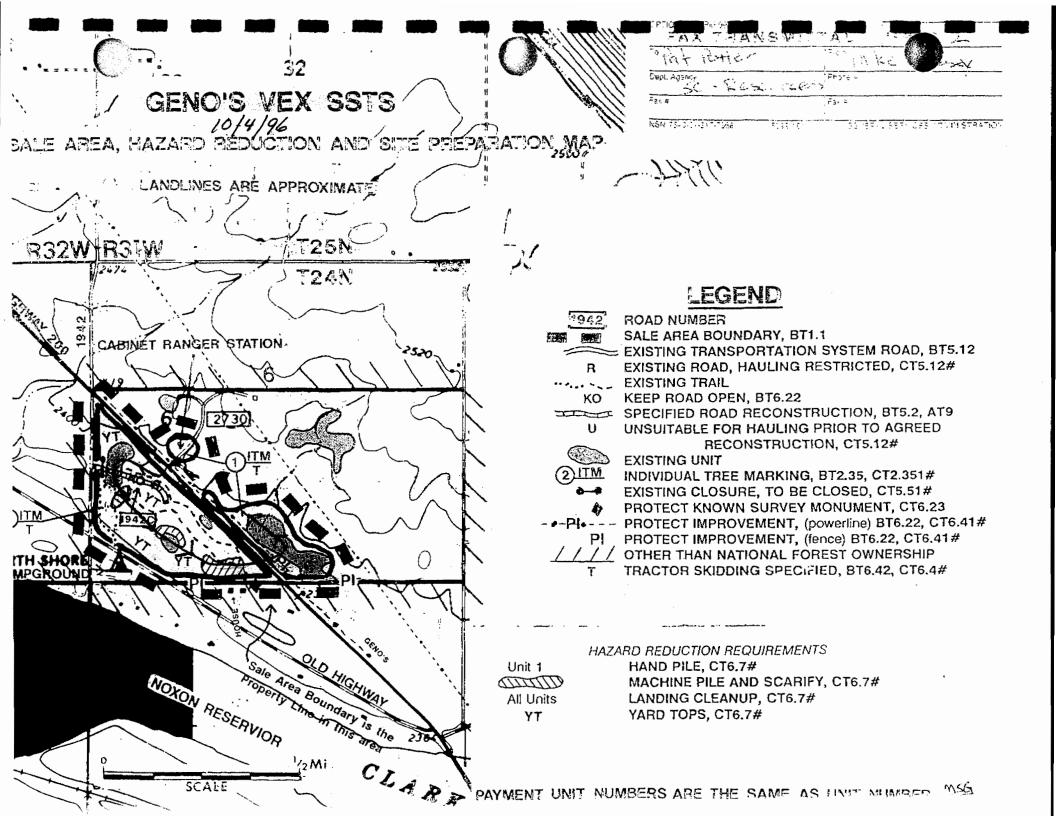
COMPACTION(Light) - any other area not included in heavy COMPACTION or UNDISTURBED.

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.

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SMZ - include within transect if within harvest unit.



-	110601005	Cabinet - Pilik Horse Salvag Unit 1
DATE Och 4, 1996	_ CUTTING METHOD //a	70601005
OBSERVER Juennen	skidding method	forse (Howard Pag
SISTRICT Cabinet	HAZARD TREATMENT_	
SALE Pilik Horse	SILVICULTURAL TREATMENT_	,
	Acres OPERATION PERIOD Su	mmer 1996
Walk Throug	111 706-01-005	
COMPACTION (Heavy)	<u> </u>	
COMPACTION(Light)		
COMPACTION(LIGHTC)		
UNDISTURBED		
DISPLACED		
EXCAVATED SKID TRAIL		
SMZ		
COMMENTS This was on	e of the units reviewe	das part of the KN
Salvage sele ma	retaring Hand felled his	rellogged.
where a lot of 1st	ridging occurred, the	rutt land of the
had been related	in two previous entries	The same in
The current logging	unt on the old trails.	off the ship trails,

SOIL DISTURBANCE DATA FORM

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10/04/1996

