

KOOTENAI NATIONAL FOREST  
SOIL DISTURBANCE DATA FORM

DATE 6.21.94

CUTTING METHOD clipped

OBSERVER Kuennen/Siemens

SKIDDING METHOD Tractor/Rubber tire

DISTRICT Fisher River

HAZARD TREATMENT \_\_\_\_\_

SALE Calx Mnt.

SILVICULTURAL TREATMENT SD

Unit No. 8

OPERATION PERIOD May-June

~~627-01-015~~  
577 01 015

COMPACTION (Heavy)     (T-1)

T-1 T-2 T-3  
89 25 44

COMPACTION (Light)                    (T-1) 243

151 111

UNDISTURBED         (T-1)

123  
23 34

DISPLACED     (T-1)

64  
29 63

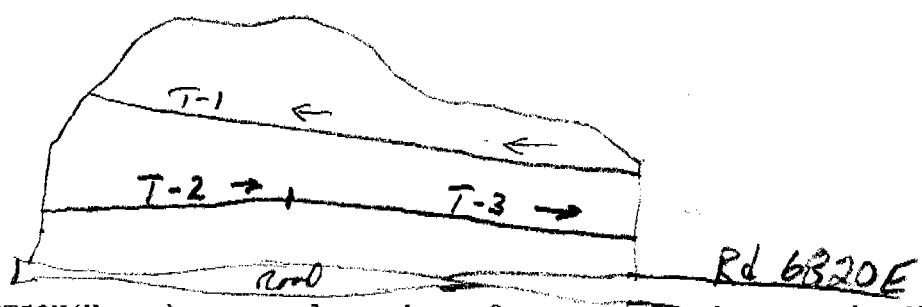
EXCAVATED SKID TRAIL \_\_\_\_\_

SMZ \_\_\_\_\_

COMMENTS Rock outcrop (6 paces) + 4 more + 2 + 3 (T-1)

Northwest corner of unit (T-3 area) landscape steeps resulting heavy displacement. Poor sale administrator control of operation.

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.

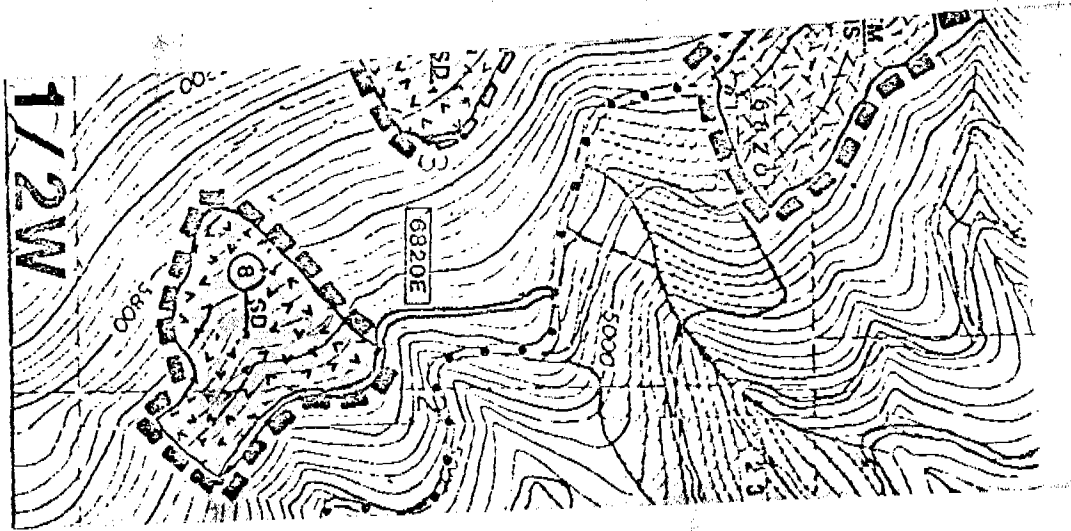
UNDISTURBED - no signs of any machinery or skidding activity.

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

SMZ - include within transect if within harvest unit.

	T1		T2		T3		Total	
	Points	%	Points	%	Points	%	Points	%
Heavy	49	12	25	10	44	23	118	14
Light	243	59	151	63	111	59	505	60
Undis.	123	30	63	26	34	18	220	26
Total	415	101	239	99	189	100	843	100
		644						
Displaced	64	15	29	12	63	33	156	19
Rock	15	4						

644  
11  
29  
14



T1 + T2  
74 14  
394 60  
186 29  
654



Lower Upper

Total

Disturbance	Lower		Upper		Total	
	Points	%	Points	%	Points	%
Heavy	73	6	20	4	33	4
Light	172	51	265	58	437	55
Undist.	150	45	175	38	325	41
<b>TOTAL</b>	<b>335</b>	<b>100</b>	<b>460</b>	<b>100</b>	<b>795</b>	<b>100</b>
Displaced	12	4	12	3	24	3
SMZ	2		27	6	29	4

22-52401106

KOOTENAI NATIONAL FOREST  
SOIL DISTURBANCE DATA FORM

23-52401107

06/30/1994 Libby - Prospect Parmenter

Unit 22 & 23 52401106 52401106

DATE 6.30.94

CUTTING METHOD \_\_\_\_\_

OBSERVER Kuennen

SKIDDING METHOD Tractor

DISTRICT Libby

HAZARD TREATMENT Excavator Pile

SALE Prospect/Parmenter  
Unit No. 22 + 23 4+6A

SILVICULTURAL TREATMENT LTM

OPERATION PERIOD Winter '93-'94

22-524-01-106 22 23-524-01-107

23

COMPACTION(Heavy): 2 D

COMPACTION(Light)  48  LT 65  
 LT 80

UNDISTURBED  30  LT 50  
 LT 60

DISPLACED: 7 water bars 6

EXCAVATED SKID TRAIL \_\_\_\_\_

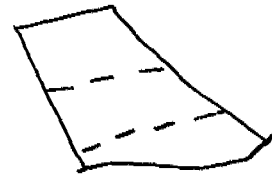
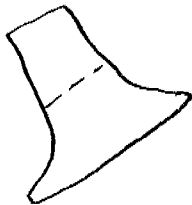
SMZ \_\_\_\_\_

COMMENTS

H.T. DF/Phma → GF/Phma  
*old logging activity*  
*15-30% slopes*

*old logging activity*  
*15-35% slopes*

SHAPE OF UNIT AND PATTERN OF TRANSECT



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