61903000

## KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

05/15/1991 Fisher River - Slippery Slime Salvage Unit 2

DATE 5.15.91	CUTTING METHOD Clipper
OBSERVER Kulnnen	SKIDDING METHOD RTS
DISTRICT Froher Rever	HAZARD ABATEMENT burn landings
	S SILVICULTURAL CC
Unit No. 7/ 57 ACTES	OPERATION PERIOD Summer 1990
COMPACTION(Heavy)	Walk-Through
COMPACTION (Light)	
UNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ/ROCK	
COMMENTS	
Unit 2: 579030 5 aspect; H.T. 663 Be	027;57A; 20-35% slope; Cle-4600-500
LDS; Two STZ's in	unik
Shape of Unit and Pattern of Transect	
Part of 1988 Dry For	ch Fire

05/15/1991 KOOTENAI NATIONAL FOREST Fisher River - Movie Spur Salvage - 55706 077 - 27A SOIL DISTURBANCE DATA FORM 57906027 DATE 5,15,91 CUTTING METHOD\_ OBSERVER Kuennen SKIDDING METHOD\_X DISTRICT Fisher River HAZARD ABATEMENT SILVICULTURAL 5T Summer 1990 OPERATION PERIOD Walk through COMPACTION(Heavy) COMPACTION (Light) UNDISTURBED DISPLACED EXCAVATED SKID\_TRAIL SMZ/ROCK COMMENTS 55906027 - 2719 10-20% slope (Ch - 4850 - 4950; est-

Shape of Unit and Pattern of Transect
Park of 1988 Aug. Dry Fork Fire

-D5

51502013

#### KOOTENAI NATIONAL FOREST SOIL DISTURBANCE MONITORING FORM

06/10/1991 Fisher River - Smoke Creek Pest Control Unit 3 57502013

H.T. Slope Location COMPACTI	Smarke Creek  3 Acres (D  VAGE  Upper  ON (Heavy)	CUTTING METHOD SKIDDING METHOD If tractor: HAZARD TREATMENT SILVICULTURAL TRMT OPERATION PERIOD Aspect I W-11 Elevation I 366	Can-Feb 19	dedicated
COMPACTI	ON (Light)			
UNDISTURE	BED			
DISPLACED				
EXCAVATE	SKID TRAIL			
SMZ/ROCK				-
COMMENTS	(Include soil, geology, org	anic debris, other pertinent into	2 horament	minimal.
- Eresi	for limited of	· Skilling area	surface (6	-8" over till.
- CH	RL 6760			
SHAPE OF U	NIT AND PATTERN OF TRA	ANSECT		7.74

<u>COMPACTION (Heavy)</u> - Any place where future vegetative growth will be significantly impacted, i.e., skid trails (both neavily and lightly used depending on amount of compaction related to soil moisture), landings, and other impacted areas. <u>COMPACTION (Light)</u> - Any other area not included in heavy COMPACTION or UNDISTURBED.

<u>UNDISTURBED</u> - No signs of any machinery or skidding acitvity.

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

SMZ - Include within transect if within harvest unit.

## 516 01 005 KOOTENAI NATIONAL FOREST SOIL DISTURBANCE MONITORING FORM

07/11/1991 Libby - Rainy Creek Unit 1

			5160	71005
	OBSERVER Lucinen	CUTTING METHOD SKIDDING METHOD	Hand	ctor
	DISTRICT Libby	If tractor:	dispersed	dedicated
	SALE/S.A. Rainy Creek	HAZARD TREATMENT		700
	Unit # 1 Acres 63 H.T. DF/arm	SILVICULTURAL TRMT	C C.	
	H.T. $\overline{DF/ann}$ Slope $35-55\%$	OPERATION PERIOD  Aspect I	J Summ	rer
	Location lower slope	Elevation	771	
	COMPACTION (Heavy)	Lievation		
	Com No Hor (Heavy)	1 \ 1 1	(1/	
•		10016-	Morent	
	COMPACTION (Light)	U = u a v c	10-30-9	
_				
_				
	UNDISTURBED			
-				
-	DISPLACED			
	DISPLACED			
-	EXCAVATED SKID TRAIL			
	ZNORVALLO ORIO TTIALE			
-	SMZ/ROCK			
-	COMMENTS (Include soil, geology, organic	debris, other pertinent info	)	
_	Area too been low	ced in the of	7 2	wetch trucks
_	were in existence and	Quere inter	and he	an seril disturban
_	standpoint Should	robably kine l	cen dable.	longed.
	Current operation	used lyans	line Smil	
. —	Secame part of			
-	VWIN Cohace Pate	ated mining	cluin.	
_				
-				
_				
$\overline{s}$	HAPE OF UNIT AND PATTERN OF TRANSE	=CT		
=	THE STATE WAS LIGHT OF THANSE			

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 acitvity.

<u>DISPLACED</u> - Any place soil has been mounded by machinery, also include in heavy or light compaction. <u>SMZ</u> - Include within transect if within harvest unit. 44601220

#### KOOTENAI NATIONAL FOREST SOIL DISTURBANCE MONITORING FORM

^				.5
DATE QUEET!	1997 CUTTING	METHOD	Lane	. <u>(</u>
OBSERVER / Kuchane		METHOD	Tageton	
DISTRICT Three Rin	If tracto		spersed	dedicated
SALE/S.A. Logen Rid	A RECOLD HAZARD	TREATMENT	,	
Unit # 7 Acres	12 SILVICUL	TURAL TRMT	CC	
H.T. WRC/ CELL	n OPERATION	ON PERIOD		
Slope 10 - 30	2 Aspect	1 Souther	rest	
Location	ix Elevation	on 1 2680 - 3		
COMPACTION (Heavy)				
		1 11 11	. 1	
		ach-th	rough	
COMPACTION (Light)				
				· · · · · · · · · · · · · · · · · · ·
UNDISTURBED	781			
ONDISTORBED				
DISPLACED				
		-		
EXCAVATED SKID TRAIL				
,				
SMZ/ROCK		<del></del>		
·				
COMMENTS (Include soil, ge	ology, organic debris, othe	r pertinent info)		
- Batha re	arrian area	and weth	and was	in the unit.
for layouth	- mit know	Kreena	strong words	wetterne
- governede Hu	ad to avoid by	thank fur	ing harne	string Firem
- Justintone 21	accession.			
	1021			
- Cyf Xd- 441	0/+			
		· · · · · · · · · · · · · · · · · · ·		
		<u> </u>		
	<del></del>			
			, make	· · · · · · · · · · · · · · · · · · ·
SHAPE OF UNIT AND PATTER	N OF TRANSECT		"A	

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 acitvity.

DISPLACED - Any place soil has been mounded by machinery, also include in heavy or light compaction. SMZ - Include within transect if within harvest unit.

446 01 227

#### KOOTENAI NATIONAL FOREST SOIL DISTURBANCE MONITORING FORM

DATE OBSERVER KNENNEN / Che DISTRICT SALE/S.A. Loven Ritge Russ Unit # 9 Acres 8 H.T. WH/ Clan Slope 45-60 Location COMPACTION (Heavy)	CUTTING METHOD  SKIDDING METHOD  If tractor:  Le HAZARD TREATMENT  SILVICULTURAL TRMT  OPERATION PERIOD  Aspect   100  Elevation   30 40	Seed free  theren  - 3280'	dedicated
COMPACTION (Light)	Walk-Th	rough	
UNDISTURBED			
DISPLACED			
EXCAVATED SKID TRAIL		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
SMZ/ROCK			
COMMENTS (Include soil, geology, organical Solding, no Volcanica Osh Shrifare Carridors, Petenthel for Justin Han 176 of Coff Rd 4419 R	nic debris, other pertinent info (8-12") complete 2 eresis, the shipline con unit. Good gro	hosplanson hosplanson se was soo wing site:	ent in corridors Firth of soil c se are confined
SHAPE OF UNIT AND PATTERN OF TRAI	NSECT		, , , , , , , , , , , , , , , , , , , ,

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

JNDISTURBED - No signs of any machinery or skidding acitvity.

<u>DISPLACED</u> - Any place soil has been mounded by machinery, also include in heavy or light compaction. <u>SMZ</u> - Include within transect if within harvest unit.

57907003-2	KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM  O8/13/1991 Fisher River - Spring Clearance
DATE 8 · /3 · 9/	CUTTING METHOD Clipper 57902003
OBSERVER Kuennen	
DISTRICT Fisher Rev	er HAZARD ABATEMENT Gropple piling
SALE Spring Clearan	
	2a OPERATION PERIOD Summer 1990
COMPACTION(Heavy)	Walh-Through
COMPACTION (Light)	
UNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ/ROCK	

LDG, STZ adjacent to wedge of unit

08/13/1991

### KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

Fisher River - Down & Dirty Fire Salvage Unit 2 57902087 / 57903082 / 57903043

DATE	8.13.91	CUTTING METHOD Clipper
OBSERVER_	Kuennen	SKIDDING METHOD RTS
	isher River	HAZARD ABATEMENT
SALEDow	nt Dirty F.S	silvicultural <u>CC</u>
Unit l	No. 2	OPERATION PERIOD 5 mm nier (990
COMPACTIO	DN(Heavy)	Walk-Through
COMPACTIO	DN (Light)	
UNDISTURB	SED	
DISPLACED		
EXCAVATED	SKID_TRAIL	
SMZ/ROCK		
COMMENTS		,
Unit 2	1:57902043-91	A, 57903082 10A, 57903087-21A;
5-20% x SW; Hi	lope: Clo-4900 T625-663;	5300: Nagent w/ some 5-
Spend	Islamen 30	ne along hainageway, LDS
Shape of Uni	t and Pattern of Transect	
Part .	1 1988 Duy For	A Fire

Fisher River - In the Black Fire Salvage 57902045 -21A KOOTENAI NATIONAL FOREST Unit 3 SOIL DISTURBANCE DATA FORM 57902045 DATE 8.13.91 CUTTING METHOD Clepper OBSERVER Kuennen SKIDDING METHOD RTS/ doner DISTRICT Fisher Rever HAZARD ABATEMENT \_\_\_\_\_ SALE In the Black F.S. SILVICULTURAL ( OPERATION PERIOD Simmer (989 COMPACTION(Heavy) Walk-Through COMPACTION (Light) UNDISTURBED DISPLACED EXCAVATED SKID TRAIL SMZ/ROCK COMMENTS Unit 3: 2/4; 10-20% slope; Ele-5500 H.T. - 670; burned landings 1990 Protected Stream course in NW portion of unit, LDS

08/13/1991

Shape of Unit and Pattern of Transect.
Part of 1988 Dry Ford Fire

09/18/1991

4)A-57704057 - 40A
KOOTENAI NATIONAL FOREST

SOIL DISTURBANCE DATA FORM

Fisher River - End of the Burnt Fire Salvage Unit 1 & 1A 57904057

DATE 9.18.91	CUTTING METHOD Clepper
OBSERVER Kulnnen	SKIDDING METHOD
DISTRICT Fisher River	HAZARD ABATEMENT
SALEEND A SHE Burnt F.S.	SILVICULTURAL LTM-1+1A
Unit 10. 10 17	OPERATION PERIOD 5 commer 1989
COMPACTION(Heavy)	Walk-Through
COMPACTION (Light)	
UNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ/ROCK	
COMMENTS	; Ele-3700-4300'; W-SW aspect; H.T323
Leave dead standing in	cullo
Shape of Unit and Pattern of Transect Part of Aug 1988 Duy	Fork Fire

57901027 57901029 57901030 1-574010x1-25A 4-57901050 -18A 3-57901029 · 9A KOOTENAI NATIONAL FOREST Fisher River SOIL DISTURBANCE DATA FORM Unit 1,3 & 4 Fisher River - Frustration Fire Salvage DATE 9.18.91 CUTTING METHOD clipper OBSERVER Kulnnen SKIDDING METHOD K7 DISTRICT Fisher River SALE Trustration F.S. SILVICULTURAL 1-CC w/ ST, 3+4-CC OPERATION PERIOD Dec 188-Feb. 189 Walk-Through COMPACTION(Heavy) COMPACTION (Light) UNDISTURBED DISPLACED **EXCAVATED SKID TRAIL** \ SMZ/ROCK COMMENTS Unit 1: 10-25% slape; Cle-5200-5400; 5-58 aspect; H.T.-625 Unit 3: 10-20% slope; Ele-5000-5100; 5 aspect; H.T. - 620 Unit 4: 10-20% slope; Ele-5000-5200; E-NEaspert; H.T. - 625

Shape of Unit and Pattern of Transect

Part of Aug 1988 Dry Fork Frie Special Treatment some between unit 344 Dozen pile portions of Units 3+4

55907064 55907042 55907065 55907043 4- 60901065-174 -55907064 -4A 3 - 55907042-64 KOOTENAI NATIONAL FOREST 5 - 5575 7543 - 64 SOIL DISTURBANCE DATA FORM 09/18/1991 DATE 9.18.91 - Out of the Black Fire Salvage CUTTING METHOD\_\_ OBSERVER Kulmen SKIDDING METHOD DISTRICT Fisher Kiver HAZARD ABATEMENT Grappepile - 3, burn linking SILVICULTURAL LTM-1, 4,5, CC-3 SALE Out of the Black F.S. OPERATION PERIOD Dec- 90, Jan-Feb - 91 Walk- Hrough COMPACTION(Heavy) COMPACTION (Light) UNDISTURBED DISPLACED **EXCAVATED SKID TRAIL** SMZ/ROCK COMMENTS Unit 1: 15-25% slope; Ele-4650-4700; w-NW aspect; H.T. -620; jochpot burn' Unit 3: 10-25% slope; Ele-4450-450; N-NE aspect; 15-25% slape; Ele-4600-4800; E-NEaspert; H.T.-620 10-20% slope; Ele-4500-4600; Naspert; H.T.-620

Shape of Unit and Pattern of Transect

Part of Aug 1988 Dry Fork Fire

3/88

1-5-10/2 21A 3-55907036-21A 09/18/1991 Fisher River - Green Burnt Fire Salvage Unit 1 & 3 55907063 55907036

### KOOTENAI NATIONAL FOREST SOIL DISTURBANCE DATA FORM

DATE 9.18.91	CUTTING METHOD Clipper
OBSERVER Kuennen	SKIDDING METHOD_R45
DISTRICT Fisher River	HAZARD ABATEMENT grapple pile 1+3
	SILVICULTURAL LTM-1, CC-3
Unit No. 143	OPERATION PERIOD July - Aug - 1990
COMPACTION(Heavy)	walk-Through
COMPACTION (Light)	
UNDISTURBED	
DISPLACED	
EXCAVATED SKID TRAIL	
SMZ/ROCK	
COMMENTS	
HIT -100 + D5	pe; Ele-4750-4950; Easpert;
H.T 621;	; Ele-4300-4500; W-NW aspert;
LDS in Unit 3, Prote	tel Freamconce dang SW edge
of Unit 3	
Shape of Unit and Pattern of Transect	E. L.E.
Part of Aug 1988 Dry	1 ord me

09/24/1991 Fortine - Blessed Ridge

KOOTENAI NATIONAL FOREST 34405055
_ 344.5-55 SOIL DISTURBANCE MONITORING FORM
C + 1 46832
Sept 24 1991 CUTTING METHOD Chipper/delimber
SEF Kulmul SKIDDING METHOD  If tractor: dispersed dedicated
LES.A. Blessed Ridge HAZARD TREATMENT BB w/ tractor freline
Init # 5 Acres ST SILVICULTURAL TRMTC- Seed free; LPP have
OPERATION PERIOD 9/1991  OPERATION PERIOD 9/1991  OPERATION PERIOD 9/1991
A A A A A A A A A A A A A A A A A A A
OMPACTION (Heavy)
11) ath-through
OMPACTION (Light)
NUISTURBED
) LACED
AVATED SKID TRAIL
SMZ/ROCK
The state of the s
MMENTS (Include soil, geology, organic debris, other pertinent info)
no fuldling, some displacementain shit trails to a - backs
4-8 fu volcanie fish surface. Soil + water resources look good.
HAPE OF UNIT AND PATTERN OF TRANSECT
17 17 No. 36 2 1 19 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

ACTION (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 acitvity.

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

244.5-57

SOIL DISTURBANCE MONITORING FORM

09/24/1991 Fortine - Blessed Ridge Unit 7 34405057

311	-,		,		
	viennen stine ussed Ridge Acres 41. 30. 30. 30. 30. 30. 30. 30. 30	CUTTING METHOD SKIDDING METHOD If tractor: HAZARD TREATMENT SILVICULTURAL TRM OPERATION PERIOD Aspect	dispersed BB w/ Vi seel thee 7/1991 steely	dedicated	vesi
		( alh	Through		
OMPACTION (Ligh	nt)		7		
UNDISTURBED					
<u> </u>	TDAIL				
EXCAVATED SKID	I HAIL				
6MZ/ROCK					
COMMENTS (Included	de esil medemu organio	debris, other pertinent inf	<u> </u>		
shid the	uddling;	wind displace	frent + Ct	il & water	
SHAPE OF UNIT AND	D PATTERN OF TRANS	ECT			

COMPACTION (Heavy) - Any place where future vegetative growth will be significantly impacted, i.e., skid trails (both avily and lightly used depending on amount of compaction related to soil moisture), landings, and other impacted areas.

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

INDISTURBED - No signs of any machinery or skidding acitvity.

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

#### TRANSECT SUMMARY FORM

	Tennont	et 1 Transact 2		ct 1 Transect 2 Transect 3 Transect		et 4	Transect		TOTALS			
	Transect Pts.	<del>- 1</del> %	Pts.	%	Pts.	%	Pts.	%_	Pts.	%	Pts.	%
D HEAVY												_
s LIGHT												\$ ()
u UNDISTURB												
TOTALS			`							<del></del>		
DISPLACED												
EROSION	_						-		<u> </u>	· · · · · · · · · · · · · · · · · · ·	- <del>-</del>	
PUDDLED												
								<del></del>				
SMZ								<u> </u>				
ROCK				· ————————————————————————————————————						:		
BURN PILES												

09/24/1991

Fortine - Blessed Ridge

**KOOTENAI NATIONAL FOREST** Unit 10 SOIL DISTURBANCE MONITORING FORM 34506032

CUTTING METHOD

SKIDDING METHOD

OPERATION PERIOD

If tractor:

Aspect |

Elevation |

345.6-32

dispersed dedicated HAZARD TREATMENT SILVICULTURAL TRMT(2:5)

COMPACTION (Heavy)

COMPACTION (Light)

UNDISTURBED

DISPLACED

DATE

**OBSERVER** 

DISTRICT

SALE/S.A.

H.T.

Slope

Location

Unit# 18

**EXCAVATED SKID TRAIL** 

SMZ/ROCK

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

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. <u>COMPACTION (Light)</u> - Any other area not included in heavy COMPACTION or UNDISTURBED.

<u>UNDISTURBED</u> - No signs of any machinery or skidding acitvity.

DISPLACED - Any place soil has been mounded by machinery, also include in heavy or light compaction. SMZ - Include within transect if within harvest unit.

345.1-34

### KOUTENAL NATIONAL COREST SOIL DISTURBANCE MONITORING FORM

09/25/1991 Fortine - Blessed Ridge Unit 16 34501034

					3-30103-	
DATE	Sept 25.	1997	<b>CUTTING METHOD</b>	_Ckinne	1/ Letimber	
OBSERVER	Kills	nen	SKIDDING METHOD			
PISTRICT	Forting		If tractor:	dispersed	dedicated	
3ALE/S.A.	Blessel	Rilal	HAZARD TREATMENT	BB W	I truster for	reline
Unit #/ (	Acres _	22 23	SILVICULTURAL TRM	Museuth	ce remove	eleLP)
н.т	663		OPERATION PERIOD	6/1991	, , , , , , , , , , , , , , , , , , ,	
Slope _	25-30		Aspect   name	Keren	(west3)	
Location	m	it	Elevation   4600	-48801		
COMPACTIO	N (Heavy)			~- <b>,</b>		
			11101	1		
			walk-	mough		
COMPACTIO	N (Light)					
UNDISTURBE	=D					
DICOL ACED						
DISPLACED		<u> </u>				
EXCAVATED	CKID TOAH					
EXCAVATED	SKID THAIL _					
SMZ/ROCK					Α.	
SIVIZ/HOCK _					tion	
COMMENTS	(Include soil o	eology organi	c debris, other pertinent info	o) fetriff		
٨٨٨			ne displaces		istly on go	-1-11
1 7 70	Juane		utinan near	and the		wate,
a constant	urana.	Look as	- 1 4-0"10	1 100	al surface.	ce acti z
	unclo	corre en		C. A. MA. Co.	ed surgare.	
			,			
SHAPE OF UN	IT AND PATTE	BN OF TRANS	SECT			

<u>COMPACTION (Heavy)</u> - 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. <u>COMPACTION (Light)</u> - Any other area not included in heavy COMPACTION or UNDISTURBED.

UNDISTURBED - No signs of any machinery or skidding acitvity.

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

12/03/1991 Rexford - Good Creek Pest Control Unit 1 11105078

# 111-05-078 KOOTENAI NATIONAL FOREST SOIL DISTURBANCE MONITORING FORM

SEF. Huenner STECT Respond LISA. Good Cr. Init # 1 Acres 28 1.T SAF Iou 20-35 Location mid - upp DMPACTION (Heavy)	SKIDDING METHOD  If tractor:  HAZARD TREATMENT  SILVICULTURAL TRM  OPERATION PERIOD  Aspect 1 //5°-	Dec. 1990/	dedicated _	
OMPACTION (Light)		- Julian Julian State Control of the		
- (2.g.i.)				
NDISTURBED				
)IS LACED				
XCAVATED SKID TRAIL				
IWZ/HOCK				
APE OF UNIT AND PATTERN O	FTRANSECT			

'ACTION (Heavy) - Any place where future vegetative growth will be significantly impacted, i.e., skid trails (both leavily 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 acitvity.

DISPLACED - Any place soil has been mounded by machinery, also include in heavy or light compaction. SMZ - Include within transect if within harvest unit.