

Chehalis Sloughs WAU

Appendix B - Form A-3: Mass Wasting Summary Table

This table summarizes the total number of all landslides within each landform based on each landuse activity.

Mass Wasting Summary: Totals						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	72	2	9	17		100
2 = young stands (timber 5-15 yrs)	146	1	3	19		169
3 = submature timber (15-50 yrs)	277	3	24	46		350
4 = mature timber (>50 years)	25	1	2	4		32
5 = road	50	4	13	12		79
6 = partial cut						0
7 = yarding	5					5
8 = alpine						0
9 = other-e.g., housing, agric.	10		1	1		12
Totals	585	11	52	99	0	747

Mass Wasting Summary: Landform 1 - Inner Gorges						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	9		3			12
2 = young stands (timber 5-15 yrs)	17		1			18
3 = submature timber (15-50 yrs)	39	2				41
4 = mature timber (>50 years)	1					1
5 = road	6	2	1			9
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	72	4	5	0	0	81

Mass Wasting Summary: Landform 2 - Bedrock Hollows						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	8		1	1		10
2 = young stands (timber 5-15 yrs)	7					7
3 = submature timber (15-50 yrs)	16		1	1		18
4 = mature timber (>50 years)	1					1
5 = road	4					4
6 = partial cut						0
7 = yarding	1					1
8 = alpine						0
9 = other-e.g., housing, agric.	1					1
Landform Totals	38	0	2	2	0	42

Mass Wasting Summary: Landform 4 - River Terrace Margin						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)				1		1
2 = young stands (timber 5-15 yrs)	1			2		3
3 = submature timber (15-50 yrs)	8		1	6		15
4 = mature timber (>50 years)						0
5 = road	8		2	4		14
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.	1		1			2
Landform Totals	18	0	4	13	0	35

Mass Wasting Summary: Landform 7 - Active Scarps of Deep-seated Landslides						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	8	1		3		12
2 = young stands (timber 5-15 yrs)	9			4		13
3 = submature timber (15-50 yrs)	23		1	8		32
4 = mature timber (>50 years)	7			3		10
5 = road	4			1		5
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	51	1	1	19	0	72

Mass Wasting Summary: Landform 8 - Non-rule Identified Deep-seated Landslide Toes						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	1			6		7
2 = young stands (timber 5-15 yrs)				1		1
3 = submature timber (15-50 yrs)	2			1		3
4 = mature timber (>50 years)						0
5 = road				3		3
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	3	0	0	11	0	14

Mass Wasting Summary: Landform 9 - Meander Bends & Overbank Deposits of Surge Plain						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)						0
2 = young stands (timber 5-15 yrs)	14					14
3 = submature timber (15-50 yrs)	13		1			14
4 = mature timber (>50 years)						0
5 = road	3		1			4
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.	5			1		6
Landform Totals	35	0	2	1	0	38

Mass Wasting Summary: Landform 10 - Non-rule Identified Inner Gorges						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	11	1	1			13
2 = young stands (timber 5-15 yrs)	36		1	1		38
3 = submature timber (15-50 yrs)	52	1	8	3		64
4 = mature timber (>50 years)	9	1				10
5 = road	5	2	2			9
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	113	5	12	4	0	134

Mass Wasting Summary: Landform 11 - Steep Gradient Hillslopes (61-600%)						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	8		3			11
2 = young stands (timber 5-15 yrs)	18		1	1		20
3 = submature timber (15-50 yrs)	34		2	2		38
4 = mature timber (>50 years)			1			1
5 = road	3		1			4
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	63	0	8	3	0	74

Mass Wasting Summary: Landform 12 - Moderate Gradient Hillslopes (41-60%)						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	15			4		19
2 = young stands (timber 5-15 yrs)	29			8		37
3 = submature timber (15-50 yrs)	69		5	16		90
4 = mature timber (>50 years)	5			1		6
5 = road	10		3	3		16
6 = partial cut						0
7 = yarding	4					4
8 = alpine						0
9 = other-e.g., housing, agric.	1					1
Landform Totals	133	0	8	32	0	173

Mass Wasting Summary: Landform 14 - Flats (0-10%)						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)						0
2 = young stands (timber 5-15 yrs)						0
3 = submature timber (15-50 yrs)						0
4 = mature timber (>50 years)						0
5 = road						0
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	0	0	0	0	0	0

Mass Wasting Summary: Landform 15 - Ridge Tops and Noses (0-10%)						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)						0
2 = young stands (timber 5-15 yrs)						0
3 = submature timber (15-50 yrs)						0
4 = mature timber (>50 years)						0
5 = road						0
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.						0
Landform Totals	0	0	0	0	0	0

Mass Wasting Summary: Landform 16 - Low Gradient Hillslopes (11-40%)						
Activity	Shallow Landslides	Debris Flows	Debris Avalanches/ Slides	Deep-Seated Landslides	Earthflows	Total
1 = clearcut (timber 0-5 yrs)	12		1	2		15
2 = young stands (timber 5-15 yrs)	15	1		2		18
3 = submature timber (15-50 yrs)	21		5	9		35
4 = mature timber (>50 years)	2		1			3
5 = road	7		3	1		11
6 = partial cut						0
7 = yarding						0
8 = alpine						0
9 = other-e.g., housing, agric.	2					2
Landform Totals	59	1	10	14	0	84

