UNITED STATES
DEPARTMENT OF
AGRICULTURE

Soil
Conservation
Service

Arcata Soil Survey Office
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Humboldt State University
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SUBJ: CPA - HEL DATA FOR
VALLEYS OF THE PLUMAS
SUPPLEMENTAL SSA

April 19, 1993

TO: KEN WEAVER

FILE:180
: SUSHEL2.DOC

The soil survey information for the Valleys of the Plumas area is a supplement to the Plumas National Forest Area Soil Survey. The National Forest did not develop the soils database for this area. The soil factors below are assigned by reviewing the manuscript for this area. They will be reviewed and revised if necessary.

This information is a draft but can be used to calculate HEL class.

The HEL calculations are given below:

MUID	MAP SYMBOL	SOIL NAME	(#)	%	WIND C VALUE	EROSION I VALUE	HEL CLASS	R VALUE	K VALUE	WATER T VALUE	EROSION SLOPE PERCEN MIN	MAX	SLOPE LENGTH MIN	MAX	LS- VALUE MIN	MAX	8T/RK	HEL CLASS
	10	Badenaugh	1	100	0.05	38	3	45	0.10	5	2	5	100	600	0.200	1.310	8.888	3
	11	Badenaugh	1	50	0.05	38	3	45	0.10	5	2	5	100	600	0.200	1.310	8.889	3
	11	Bieber	2	30	0.05	38	3	45	0.24	1	2	5	100	600	0.200	1.310	0.741	2
	12	Bieber	1	100	0.05	38	3	45	0.24	1	0	2	200	800	0.000	0.370	0.741	3
	13	Dotta	1	100	0.05	56	3	45	0.32	5	2	5	100	600	0.200	1.310	2.778	3
	14	Fluvents	1	100	0.05	86	3	45	0.20	5	0	2	200	800	0.000	0.370	4.444	3
	15	Fluvents	1	60	0.05	86	3	45	0.20	5	0	5	100	800	0.000	1.510	4.444	3
	15	Greenhorn Variant	2	20	0.05	134	3	45	0.15	5	0	5	100	800	0.000	1.510	5.926	3
	16	Forgay	1	100	0.05	48	3	45	0.10	5	2	5	100	600	0.200	1.310	8.889	3
	17	Forgay	1	100	0.05	0	3	45	0.05	5	2	5	100	600	0.200	1.310	17.778	3
	18	Forgay	1	70	0.05	0	3	45	0.05	5	0	5	100	800	0.000	0.370	17.778	3
	18	Urban land	2	20														
	19	Forgay Variant	1	100	0.05	56	3	45	0.20	5	2	9	100	600	0.200	2.870	4.444	3
	20	Gansner	1	100	0.05	86	3	45	0.37	5	0	1	200	800	0.000	0.240	2.402	3
	21	Gansner	1	100	0.05	86	3	45	0.10	5	0	1	200	800	0.000	0.240	8.889	3
	22	Greenhorn	1	100	0.05	180	3	45	0.10	5	0	2	200	800	0.000	0.370	8.889	3
	23	Greenhorn	1	100	0.05	56	3	45	0.32	5	0	1	200	800	0.000	0.240	2.778	3
	24	Keddie	1	100	0.05	48	3	45	0.32	5	0	2	200	800	0.000	0.370	2.778	3
	25	Keddie	1	100	0.05	48	3	45	0.32	5	2	4	100	600	0.200	0.820	2.778	3
	26	Keddie	1	100	0.05	48	3	45	0.32	5	2	4	100	600	0.200	0.820	2.778	3
	27	Keddie	1	100	0.05	48	3	45	0.32	3	0	1	200	800	0.000	0.240	1.667	3
	28	Keddie	1	100	0.05	38	3	45	0.20	5	0	2	200	800	0.000	0.370	4.444	3
	29	Keddie	1	100	0.05	38	3	45	0.20	5	2	5	100	600	0.200	1.310	4.444	3
	30	Massack	1	100	0.05	86	3	45	0.32	5	0	1	200	800	0.000	0.240	2.778	3
	31	Massack Variant	1	100	0.05	86	3	45	0.32	5	0	2	200	800	0.000	0.370	2.778	3

MUID	MAP SYMBOL	SOIL NAME	(#)	%	WIND EROSION C VALUE	WIND EROSION I VALUE	WIND EROSION HEL CLASS	R VALUE	K VALUE	WATER EROSION T VALUE	SLOPE PERCEN MIN.	SLOPE PERCEN MAX	SLOPE LENGTH MIN	SLOPE LENGTH MAX	LS- VALUE MIN	LS- VALUE MAX	8T/RK	HEL CLASS
	32	Plumas	1	100	0.05	48	3	45	0.15	5	0	5	100	800	0.000	1.510	5.926	3
	33	Plumas Variant	1	100	0.05	56	3	45	0.20	5	2	5	100	600	0.200	1.310	4.444	3
	34	Ramelli	1	100	0.05	38	3	45	0.20	5	0	2	200	800	0.000	0.370	4.444	3
	35	Ramelli	1	100	0.05	86	3	45	0.20	5	0	1	200	800	0.000	0.240	4.444	3
	36	Riverwash	1	45														
	36	Fluvents	2	40	0.05	86	3	45	0.20	5	0	2	200	800	0.000	0.370	4.444	3
	37	Smithneck	1	100	0.05	86	3	45	0.24	5	0	2	200	800	0.000	0.370	3.704	3
	38	Smithneck Variant	1	100	0.05	86	3	45	0.32	5	0	5	100	800	0.000	1.510	2.778	3

Sincerely,

David W. Howell

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