

HYDRIC SOILS MAP UNIT LIST
WASHINGTON/RAMSEY COUNTIES, MINNESOTA
11-25-97

MAP SYMBOL	MAP UNIT NAME	HYDRIC COMPONENT	LOCATION CODE	HYDRIC CRITERIA	NATURAL WOODLAND
2	OSTRANDER SILT LOAM, 0 TO 2 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
2B	OSTRANDER SILT LOAM, 2 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
2C	OSTRANDER SILT LOAM, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
7B	HUBBARD LOAMY SAND, 1 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
7C	HUBBARD LOAMY SAND, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
7D	HUBBARD LOAMY SAND, 12 TO 18 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
8	SPARTA LOAMY SAND, 0 TO 2 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
8B	SPARTA LOAMY SAND, 2 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
8C	SPARTA LOAMY SAND, 6 TO 15 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
12C	EMMERT GRAVELLY LOAMY COARSE SAND, 3 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
12D	EMMERT GRAVELLY LOAMY COARSE SAND, 15 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
49	ANTIGO SILT LOAM, 0 TO 2 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3,3	Yes
49B	ANTIGO SILT LOAM, 2 TO 6 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3,3	Yes
49C	ANTIGO SILT LOAM, 6 TO 12 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3,3	Yes
49D	ANTIGO SILT LOAM, 12 TO 18 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
75	BLUFFTON LOAM	Whole Unit	DP	2B3,3	No
100B	COPASTON LOAM, 0 TO 6 PERCENT SLOPES	Faxon (I)	DQ	2B3	No
100C	COPASTON LOAM, 6 TO 12 PERCENT SLOPES	Faxon (I)	DQ	2B3	No
113	WEBSTER LOAM	Whole Unit	DQ	2B3	No
120	BRILL SILT LOAM	Barronett (I)	DQ,DP	2B3,3	Yes
123	DUNDAS FINE SANDY LOAM	Whole Unit	DQ	2B3	Yes
132B	HAYDEN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	Bluffton (I)	DP	2B3,3	No
132B	HAYDEN FINE SANDY LOAM, 2 TO 6 PERCENT SLOPES	Rifle (I)	DP	1,3	No
132C	HAYDEN FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES	Bluffton (I)	DP	2B3,3	No
132C	HAYDEN FINE SANDY LOAM, 6 TO 12 PERCENT SLOPES	Rifle (I)	DP	1,3	No
132D	HAYDEN FINE SANDY LOAM, 12 TO 25 PERCENT SLOPES	Bluffton (I)	DP	2B3,3	No
132D	HAYDEN FINE SANDY LOAM, 12 TO 25 PERCENT SLOPES	Rifle (I)	DP	1,3	No
151	BURKHARDT SANDY LOAM, 0 TO 3 PERCENT SLOPES	Markey (I)	DP	1,3	No
151B	BURKHARDT SANDY LOAM, 3 TO 9 PERCENT SLOPES	Markey (I)	DP	1,3	No
153B	SANTIAGO SILT LOAM, 2 TO 6 PERCENT SLOPES	Auburndale (I)	DQ,DP	2B3,3	Yes
153C	SANTIAGO SILT LOAM, 6 TO 15 PERCENT SLOPES	Auburndale (I)	DQ,DP	2B3,3	Yes
155B	CHETEK SANDY LOAM, 0 TO 6 PERCENT SLOPES	Markey (I)	DP	1,3	No
155C	CHETEK SANDY LOAM, 6 TO 12 PERCENT SLOPES	Markey (I)	DP	1,3	No
155D	CHETEK SANDY LOAM, 12 TO 25 PERCENT SLOPES	Markey (I)	DP	1,3	No
158B	ZIMMERMAN LOAMY FINE SAND, 0 TO 6 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
158C	ZIMMERMAN LOAMY FINE SAND, 6 TO 12 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
158D	ZIMMERMAN LOAMY FINE SAND, 12 TO 25 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
159	ANOKA LOAMY FINE SAND, 0 TO 3 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
159B	ANOKA LOAMY FINE SAND, 3 TO 9 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
161	ISANTI LOAMY FINE SAND, DEPRESSIONAL	Whole Unit	DP	2B2,3	No
162	LINO LOAMY FINE SAND	Isanti (I)	DP	2B2,3	No
166	RONNEBY FINE SANDY LOAM	Prebish (I)	DP	2B3,3	No
169B	BRAHAM LOAMY FINE SAND, 1 TO 6 PERCENT SLOPES	Kratke (I)	DQ,FL	2B3,3	No
169B	BRAHAM LOAMY FINE SAND, 1 TO 6 PERCENT SLOPES	Blomford (I)	DQ,FL	2B2	Yes
169C	BRAHAM LOAMY FINE SAND, 6 TO 15 PERCENT SLOPES	Kratka (I)	DQ,FL	2B3	Yes
169C	BRAHAM LOAMY FINE SAND, 6 TO 15 PERCENT SLOPES	Blomford (I)	DQ,FL	2B2	Yes
170	BLOMFORD LOAMY FINE SAND	Whole Unit	DQ,FL	2B2	Yes
174C	GALE SILT LOAM, 6 TO 15 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
174F	GALE SILT LOAM, 25 TO 50 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
177B	GOTHAM LOAMY SAND, 1 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
177C	GOTHAM LOAMY SAND, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No

MAP SYMBOL	MAP UNIT NAME	HYDRIC COMPONENT	LOCATION CODE	HYDRIC CRITERIA	NATURAL WOODLAND
177D	GOTHAM LOAMY SAND, 12 TO 20 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No
189	AUBURNDALE SILT LOAM	Whole Unit	DQ,DP	2B3,3	Yes
225	NESSEL FINE SANDY LOAM, 1 TO 4 PERCENT SLOPES	Buffton-Dundas (I)	DQ,DP	2B3,3	Yes
259B	GRAYS SILT LOAM, 2 TO 6 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3,3	Yes
264	FREON SILT LOAM, 1 TO 4 PERCENT SLOPES	Auburndale (I)	DQ,DP	2B3,3	Yes
265	SODERVILLE LOAMY FINE SAND	Isanti (I)	DP	2B2,3	No
266	FREER SILT LOAM	Whole Unit	DQ,FL	2B3	Yes
298	RICHWOOD SILT LOAM, 0 TO 2 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
298B	RICHWOOD SILT LOAM, 2 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
301B	LINDSTROM SILT LOAM, 2 TO 4 PERCENT SLOPES	Otter (I)	DQ,DP	2B3,3	No
302B	ROSHOLT SANDY LOAM, 1 TO 6 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3,3	Yes
302C	ROSHOLT SANDY LOAM, 6 TO 15 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3	Yes
325	PREBISH LOAM	Whole Unit	DP	2B3,3	No
327	DICKMAN SANDY LOAM, 0 TO 2 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
327B	DICKMAN SANDY LOAM, 2 TO 6 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
327C	DICKMAN SANDY LOAM, 6 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
329	CHASKA SILT LOAM, FREQUENTLY FLOODED	PD, VPD SOIL (I)	FP	2B3,4	Yes
340B	WHALAN SILT LOAM, 1 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
340C	WHALAN SILT LOAM, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
342B	KINGSLEY SANDY LOAM, 2 TO 6 PERCENT SLOPES	Prebish (I)	DP	2B3,3	No
342B	KINGSLEY SANDY LOAM, 2 TO 6 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
342C	KINGSLEY SANDY LOAM, 6 TO 12 PERCENT SLOPES	Prebish (I)	DP	2B3,3	No
342C	KINGSLEY SANDY LOAM, 6 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
342D	KINGSLEY SANDY LOAM, 12 TO 18 PERCENT SLOPES	Prebish (I)	DP	2B3,3	No
342D	KINGSLEY SANDY LOAM, 12 TO 18 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
342E	KINGSLEY SANDY LOAM, 18 TO 30 PERCENT SLOPES	Prebish (I)	DP	2B3,3	No
342E	KINGSLEY SANDY LOAM, 18 TO 30 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
367B	CAMPIA SILT LOAM, 0 TO 8 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3,3	Yes
408	FAXON SILT LOAM	Whole Unit	FL,DQ	2B3	No
411	WAUKEGAN SILT LOAM, 0 TO 2 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
411B	WAUKEGAN SILT LOAM, 2 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
411C	WAUKEGAN SILT LOAM, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
449	CRYSTAL LAKE SILT LOAM, 1 TO 3 PERCENT SLOPES	Barronett (I)	DQ,DP	2B3, 3	Yes
452	COMSTOCK SILT LOAM	Barronett (I)	DQ,DP	2B3, 3	Yes
453B	DE MONTREVILLE LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
453C	DE MONTREVILLE LOAMY FINE SAND, 6 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
453D	DE MONTREVILLE LOAMY FINE SAND, 12 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
454B	MAHTOMEDI LOAMY SAND, 0 TO 6 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
454C	MAHTOMEDI LOAMY SAND, 6 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
454D	MAHTOMEDI LOAMY SAND, 12 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
454F	MAHTOMEDI LOAMY SAND, 25 TO 40 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
456	BARRONETT SILT LOAM	Whole Unit	DQ,DP	2B3,3	Yes
460B	BAYTOWN SILT LOAM, 1 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
460C	BAYTOWN SILT LOAM, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
468	OTTER SILT LOAM	Whole Unit	DQ,DP	2B3,3	No
472B	CHANNAHON SILT LOAM, 1 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
472C	CHANNAHON SILT LOAM, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
472D	CHANNAHON SILT LOAM, 12 TO 18 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
481	KRATKA FINE SANDY LOAM	Whole Unit	DQ,FL	2B3	No
488F	BRODALE FLAGGY LOAM, 20 TO 50 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
504B	DULUTH SILT LOAM, 1 TO 6 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
504C	DULUTH SILT LOAM, 6 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
504D	DULUTH SILT LOAM, 12 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	1,3	No
507	POSKIN SILT LOAM	Barronett (I)	DQ,DP	2B3,3	Yes
529	RIPON SILT LOAM, 1 TO 2 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No

MAP SYMBOL	MAP UNIT NAME	HYDRIC COMPONENT	LOCATION CODE	HYDRIC CRITERIA	NATURAL WOODLAND
529B	RIPON SILT LOAM, 2 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
529C	RIPON SILT LOAM, 6 TO 12 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
540	SEELYEVILLE MUCK	Whole Unit	DP	1,3	No
541	RIFLE MUCK	Whole Unit	DP	1,3	No
543	MARKEY MUCK	Whole Unit	DP	1,3	No
544	CATHRO MUCK	Whole Unit	D	1,3	No
552	KERSTON MUCK	Whole Unit	DP	1,3	No
852B	URBANLAND-COPASTON COMPLEX, 0 TO 8 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
857	URBANLAND-WAUKEGON COMPLEX, 0 TO 3 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
857C	URBANLAND-WAUKEGON COMPLEX, 3 TO 15 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
858	URBANLAND-CHETEK COMPLEX, 0 TO 3 PERCENT SLOPES	Markey (I)	DP	1,3	No
858C	URBANLAND-CHETEK COMPLEX, 3 TO 15 PERCENT SLOPES	Markey (I)	DP	1,3	No
859B	URBANLAND-ZIMMERMAN COMPLEX, 1 TO 8 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
860C	URBANLAND-HAYDEN-KINGSLEY COMPLEX, 3 TO 15 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
860D	URBANLAND-HAYDEN-KINGSLEY COMPLEX, 15 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
861C	URBANLAND-KINGSLEY COMPLEX, 3 TO 15 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
861D	URBANLAND-KINGSLEY COMPLEX, 15 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
862	URBANLAND-DUNDAS COMPLEX, 1 TO 4 PERCENT SLOPES	Dundas (C)	DQ	2B3	Yes
863	URBANLAND-LINO COMPLEX, 0 TO 3 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
896C	MAHTOMEDI-KINGSLEY COMPLEX, 3 TO 12 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
896D	MAHTOMEDI-KINGSLEY COMPLEX, 12 TO 25 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
896F	MAHTOMEDI-KINGSLEY COMPLEX, 25 TO 40 PERCENT SLOPES	VPD SOIL (I)	DP	2B3,3,1	No
1013	PITS, QUARRY	--	--	--	--
1027	UDORTHENTS, WET SUBSTRATUM	PD,VPD SOIL (I)	DQ,DP	2B3,3	No
1029	PITS, GRAVEL	PD,VPD SOIL (I)	DQ,DP	2B2,3	No
1033	UDIFLUVENTS	PD SOIL (I)	FP	2B3,4	Yes
1039	URBANLAND	--	--	--	--
1040	UDORTHENTS	PD,VPD SOIL (I)	DQ,DP	2B3,3	No
1055	SEELYEVILLE MUCK, PONDED	Whole Unit	DP	1,3	No
18138	LINO VARIANT LOAMY FINE SAND, 2 TO 6 PERCENT SLOPES	Isanti (I)	DP	2B2,3	No
1819F	DORERTON-ROCK OUTCROP COMPLEX, 25 TO 65 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
1820F	MAHTOMEDI VARIANT-ROCK OUTCROP COMPLEX, 25 TO 60 % SLOPES	PD SOIL (I)	DQ	2B3	No
1821	ALGANSEE LOAMY SAND	PD,VPD SOIL (I)	FP	2B3,3,4	Yes
1827	WAUKEGAN VARIANT SILT LOAM, 0 TO 2 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
18278	WAUKEGAN VARIANT SILT LOAM, 2 TO 9 PERCENT SLOPES	PD SOIL (I)	DQ	2B3	No
1847	BARRONETT SILT LOAM, SANDY SUBSTRATUM	Whole Unit	FL,DQ,DP	2B3, 3	Yes
1848B	SPARTA LOAMY SAND, BEDROCK SUBSTRATUM, 0 TO 6 PERCENT SLOPES	PD SOIL (I)	DQ	2B2	No