

ATCHISON COUNTY

JAN.1, 1990

R=200

MAP UNIT SYM.	MAP UNIT NAME	SLOPE RANGE	AVG. SLOPE LENGTH	K	T	E.I.		HEL CLASS
						MIN.	MAX.	
10	BLENCOE SICL, CLAYEY SUB.	0-2	120	.28	5	1.0-2.4		NHEL
11	COLO SIL	0-2	121	.28	5	1.0-2.5		NHEL
12	COLO SICL	1-5	121	.28	5	1.0-2.5		NHEL
12	JUDSON SICL	1-5	147	.28	5	1.8-7.4		NHEL
13C2	CONTRARY SIL, ER.	5-9	168	.32	5	8.7-20.5		HEL
13D2	CONTRARY SIL, ER.	9-14	168	.32	5	20.5-38.4		HEL
14	DOCKERY SIL	0-2	197	.37	5	1.5-3.7		NHEL
15	GILLIAM SIL	0-2	183	.28	5	1.1-2.7		NHEL
16	HAYNIE SIL	0-2	94	.37	5	1.2-3.0		NHEL
17	HAYNIE SIL, SS,RARE FL.	0-2	94	.37	5	1.2-3.0		NHEL
18	HAYNIE SIL, SS,FREQ.FL.	0-2	94	.37	5	1.2-3.0		HYD
19C2	HIGGINSVILLE SICL, ER.	5-9	168	.37	5	10.1-23.7		HEL
19D2	HIGGINSVILLE SICL, ER.	9-14	168	.37	5	23.7-44.4		HEL
20D2	IDA SIL, ER.	9-14	151	.43	5	24.1-48.2		HEL
20E2	IDA SIL, ER.	14-25	151	.43	5	48.2-129.0		HEL
21B	JUDSON SIL	2-5	147	.28	5	2.6-7.4		NHEL
22C2	LAMONI CL, ER.	5-9	200	.32	3	16.2-36.3		HEL
22D2	LAMONI CL, ER.	9-14	200	.32	3	36.3-64.0		HEL
23	LUTON SIC	0-2	169	.28	5	1.0-2.6		NHEL
24D3	MALVERN COMPLEX, SEV. ER.	9-14	204	.43	2	73.1-129		HEL
24D3	SHELBY COMPLEX, SEV. ER.	9-14	204	.28	4	23.8-42.0		HEL
25B	MARSHALL SIL	2-5	165	.32	5	2.9-8.7		PHEL
25C2	MARSHALL SICL, ER.	5-9	165	.32	5	8.7-20.5		HEL
25D2	MARSHALL SICL, ER.	9-14	165	.32	5	20.5-38.4		HEL
26	MCPAUL SIL	0-2	107	.37	5	1.2-3.0		NHEL
27B	MONONA SIL	2-5	165	.32	5	2.9-8.7		PHEL
27C2	MONONA SIL, ER.	5-9	165	.32	5	8.7-20.5		HEL
27D2	MONONA SIL, ER.	9-16	165	.32	5	20.5-44.4		HEL
28	MOVILLE SIL	0-2	181	.32	4	1.6-3.8		NHEL
29B	NAPIER SIL	2-5	99	.32	5	2.6-6.9		NHEL
30	GULLIED LAND COMPLEX	1-5	VAR.	VAR.	VAR.	VAR.		VAR.
30	NAPIER COMPLEX	1-5	99	.32	5	0.5-6.9		NHEL
31	NODAWAY SIL	0-2	96	.37	5	1.2-3.0		NHEL
32B	OLMITZ L	2-5	144	.28	5	2.5-7.1		NHEL
33	ONAWA SIC, RARE FL.	0-2	136	.32	5	1.2-2.8		NHEL
34	ONAWA SIC, FREQ. FL.	0-2	136	.32	5	1.2-2.8		NHEL
35	PAXICO SIL	0-2	94	.37	5	1.2-3.0		NHEL
36	PERCIVAL SIC	0-2	98	.28	4	1.1-2.8		NHEL
37	SALIX SICL	0-2	125	.28	5	1.0-2.4		NHEL
38	SARPY LFS,LOAM.SUB.,RARE FL.	0-2	81	.17	5	0.5-1.3		NHEL
39	SARPY LFS, FREQ. FL.	0-2	81	.17	5	0.5-1.3		NHEL
40B	SHARPSBURG SICL	2-5	193	.32	5	3.2-9.7		PHEL
40C2	SHARPSBURG SICL, ER.	5-9	193	.32	5	9.7-21.8		HEL
41C2	SHELBY CL, ER.	5-9	204	.28	5	8.5-19.0		HEL
41D2	SHELBY CL, ER.	9-14	204	.28	5	19.0-33.6		HEL
41E2	SHELBY CL, ER.	14-20	204	.28	5	33.6-67.2		HEL
42F	TIMULA SIL	25-60	151	.37	5	111-340.4		HEL
43G	TIMULA SIL	30-90	151	.37	5	148-353.2		HEL

43G HAMBURG SIL  
44 ZOOK SICL

30-90  
0-2

151  
126

.43  
.28

5  
5

172+  
1.0-2.5

HEL  
NHSL

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AREA RES. SOIL SCIENTIST

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