HIGHLY ERODIBLE LAND
Howard County, Iowa (IA089) : Detailed Soil Map Legend

Map Symbol	Soil name	HEL (water)	HEL (wind)
21	MUCK, SHALLOW	NHEL	NHEL
27A	TERRIL LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
27B	TERRIL LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
41A	SPARTA LOAMY FINE SAND, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
41B	SPARTA LOAMY FINE SAND, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
41C	SPARTA LOAMY FINE SAND, 5 TO 9 PERCENT SLOPES	PHEL	NHEL
83B	KENYON LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
83C	KENYON LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
83C2	KENYON LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
84	CLYDE SILTY CLAY LOAM	NHEL	NHEL
96	TURLIN SILT LOAM, ACID VARIANT	NHEL	NHEL
109B	BACKBONE FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
109C	BACKBONE FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
110A	LAMONT FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
110B	LAMONT FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
110C	LAMONT FINE SANDY LOAM, 5 TO 9 PERCENT SLOPES	PHEL	NHEL
133	COLO SILTY CLAY LOAM, LOAMY SUBSTRATUM	NHEL	NHEL
136A	ANKENY SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
148A	WINNESHIEK LOAM, SHALY SUBSOIL VARIANT, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
152	MARSHAN CLAY LOAM, DEEP	NHEL	NHEL
153	MARSHAN CLAY LOAM, DEPRESSIONAL	NHEL	NHEL
162B	DOWNS SILT LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
162C	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
162C2	DOWNS SILT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
162D2	DOWNS SILT LOAM, 9 TO 14 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
162E2	DOWNS SILT LOAM, 14 TO 20 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
163C	FAYETTE SILT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
163D	FAYETTE SILT LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
163E	FAYETTE SILT LOAM, 14 TO 20 PERCENT SLOPES	HEL	NHEL
163F	FAYETTE SILT LOAM, 20 TO 30 PERCENT SLOPES	HEL	NHEL
171A	BASSETT LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
171B	BASSETT LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
171C	BASSETT LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
171C2	BASSETT LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
175A	DICKINSON FINE SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
175B	DICKINSON FINE SANDY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
177A	SAUDE LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
177B	SAUDE LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
178A	WAUKEE LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
178B	WAUKEE LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
195B	RADFORD AND HUNTSVILLE SILT LOAMS, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
198B	FLOYD LOAM, 1 TO 4 PERCENT SLOPES	NHEL	NHEL
207B	WHALAN LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
207C	WHALAN LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	HEL	NHEL
213A	ROCKTON LOAM, DEEP, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
213B	ROCKTON LOAM, DEEP, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
213C	ROCKTON LOAM, DEEP, 5 TO 9 PERCENT SLOPES	HEL	NHEL
214A	ROCKTON LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
214B	ROCKTON LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
214C	ROCKTON LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	HEL	NHEL
214C2	ROCKTON LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES, MODERATEL ERODED	HEL	NHEL
221	MUCK, MODERATELY DEEP	NHEL	NHEL
225	LAWLER LOAM, MODERATELY DEEP	NHEL	NHEL
226	LAWLER LOAM, DEEP	NHEL	NHEL
284A	SAUDE SANDY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
284B	SAUDE SANDY LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
285C	BURKHARDT SANDY LOAM, 3 TO 9 PERCENT SLOPES	HEL	NHEL
302B	COGGON LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
303B	PINICON SILT LOAM, 1 TO 4 PERCENT SLOPES	NHEL	NHEL
315	COLO-ALLUVIAL LAND COMPLEX, CHANNELED	NHEL	NHEL
354	MARSH	NHEL	NHEL
391B	CLYDE-FLOYD COMPLEX, 1 TO 4 PERCENT SLOPES	NHEL	NHEL
394A	OSTRANDER LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL

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U. S. DEPARTMENT OF AGRICULTURE
04/01/2003

HIGHLY ERODIBLE LAND
Howard County, Iowa (IA089) : Detailed Soil Map Legend

Map Symbol	Soil name	HEL (water)	HEL (wind)
394B	OSTRANDER LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
394C	OSTRANDER LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
394C2	OSTRANDER LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
398	TRIPOLI SILTY CLAY LOAM	NHEL	NHEL
399A	READLYN LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
399B	READLYN LOAM, 2 TO 5 PERCENT SLOPES	NHEL	NHEL
407B	SCHLEY SILT LOAM, 1 TO 4 PERCENT SLOPES	NHEL	NHEL
412B	SOGN LOAM, 2 TO 5 PERCENT SLOPES	HEL	NHEL
412D	SOGN LOAM, 5 TO 14 PERCENT SLOPES	HEL	NHEL
412F	SOGN LOAM, 14 TO 40 PERCENT SLOPES	HEL	NHEL
444	JACWIN SILTY CLAY LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
467	RADFORD SILT LOAM	NHEL	NHEL
471A	ORAN LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
471B	ORAN LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
482A	RACINE LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
482B	RACINE LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
482C	RACINE LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
482C2	RACINE LOAM, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
485	SPILLVILLE LOAM	NHEL	NHEL
491B	RENOVA LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
575B	DICKINSON-OSTRANDER COMPLEX, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
576B	DICKINSON-RACINE COMPLEX, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
585	SPILLVILLE-COLO COMPLEX	NHEL	NHEL
615	SPILLVILLE-COLO COMPLEX, CHANNELED	NHEL	NHEL
620B	PORT BYRON SILT LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
621	MUCK, DEEP	NHEL	NHEL
713A	WINNESHIEK LOAM, DEEP, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
713B	WINNESHIEK LOAM, DEEP, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
713C	WINNESHIEK LOAM, DEEP, 5 TO 9 PERCENT SLOPES	PHEL	NHEL
714A	WINNESHIEK LOAM, MODERATELY DEEP, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
714B	WINNESHIEK LOAM, MODERATELY DEEP, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
714C	WINNESHIEK LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES	HEL	NHEL
714C2	WINNESHIEK LOAM, MODERATELY DEEP, 5 TO 9 PERCENT SLOPES, MODERATELY ERODED	HEL	NHEL
714D	WINNESHIEK LOAM, MODERATELY DEEP, 9 TO 14 PERCENT SLOPES	HEL	NHEL
715	COLO-ALLUVIAL LAND COMPLEX	NHEL	NHEL
725	HAYFIELD LOAM, MODERATELY DEEP	NHEL	NHEL
726	HAYFIELD LOAM, DEEP	NHEL	NHEL
776A	LILAH SANDY LOAM, 0 TO 3 PERCENT SLOPES	NHEL	NHEL
776C	LILAH SANDY LOAM, 3 TO 9 PERCENT SLOPES	HEL	NHEL
776D	LILAH SANDY LOAM, 9 TO 14 PERCENT SLOPES	HEL	NHEL
777A	WAPSIE LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
777B	WAPSIE LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
777C	WAPSIE LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
778A	SATTRE LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
781B	LOURDES LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
781C	LOURDES LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
782A	DONNAN LOAM, 0 TO 2 PERCENT SLOPES	NHEL	NHEL
782B	DONNAN LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
783B	CRESCO LOAM, 2 TO 5 PERCENT SLOPES	PHEL	NHEL
783C	CRESCO LOAM, 5 TO 9 PERCENT SLOPES	HEL	NHEL
784B	RICEVILLE LOAM, 1 TO 4 PERCENT SLOPES	NHEL	NHEL
797	JAMESTON SILTY CLAY LOAM	NHEL	NHEL
798B	PROTIVIN LOAM, 1 TO 4 PERCENT SLOPES	NHEL	NHEL

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