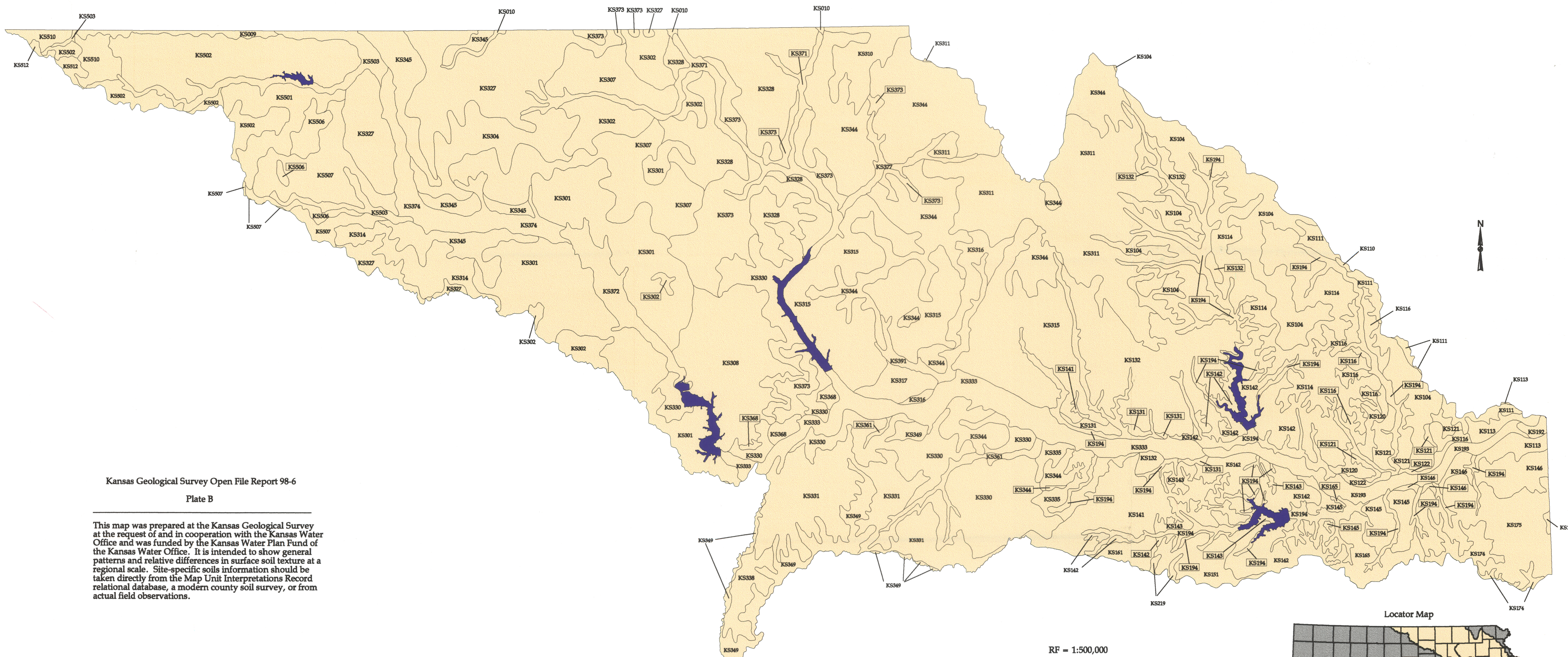


Identification Numbers for STATSGO Map Units in the Kansas-Lower Republican River Basins in Kansas

EXPLANATION

Surface soils were classified by assigning numeric values to soil textures and calculating an area weighted average textural score for each Map Unit. Scores ranged from 1 to 21 with 1 being the finest texture and 21 being the coarsest texture. The classification limits applied to the Map Units were based on the twelve textural classes used by the NRCS with two exceptions - the fine textured Map Units having scores less than 3.5 were grouped together and an extra classification break was introduced to allow greater distinction among the many silt loams.

Textural Score	MUID	Map Unit Name
12.02	KS369	WELLS-VALENTINE-ORTELLO
9.73	KS374	CARR-MUIR-HUMBARGER
9.47	KS317	MORRILL-THURMAN-WYMORE
8.57	KS372	MUIR-EUDORA-SUTPHEN
8.37	KS302	HEDVILLE-LANCASTER-LANCASTER
8.28	KS193	EUDORA-EUDORA-KIMO
8.19	KS303	HORD-ROXBURY-MCCOOK
8.18	KS508	ULY-HOLDREGE-ULY
8.06	KS010	HOBBS-HORD-HORD
8.00	KS512	HARNEY-HARNEY-HOLDREGE
8.00	KS371	EUDORA-MUIR-NODAWAY
8.00	KS333	EUDORA-HAYNIE-MUIR
7.96	KS301	HEIZER-BROWNELL-HARNEY
7.88	KS122	GOSPORT-WELDA-SHELBY
7.75	KS510	HOLDREGE-NUCKOLLS-ULY
7.71	KS165	BATES-WOODSON-SUMMIT
7.70	KS219	WOODSON-KENOMA-DENNIS
7.68	KS507	HARNEY-HARNEY-CRETE
7.40	KS502	HARNEY-HOLDREGE-ROXBURY
7.20	KS174	GRUNDY-POLO-SUMMIT
7.06	KS361	READING-IVAN-CHASE
7.03	KS306	HARNEY-HARNEY-CORINTH
6.88	KS327	CRETE-CRETE-HASTINGS
6.73	KS368	SMOLAN-SMOLAN-SMOLAN
6.73	KS316	WAMEGO-ELMONT-KENNEBEC
6.73	KS113	HIGGINSVILLE-KNOX-KNOX
6.72	KS116	GOSPORT-SOIGN-LADOGA
6.68	KS121	ELMONT-MARTIN-VINLAND
6.24	KS146	SHARPSBURG-SHARPSBURG-SHARPSBURG
6.15	KS131	GYMER-SHARPSBURG-LADYSMITH
6.12	KS307	CRETE-CRETE-LANCASTER
6.12	KS009	GEARY-KIPSON-HOLDER
5.94	KS145	WOODSON-WOODSON-PAWNEE
5.94	KS110	KNOX-MARSHALL-ARMSTER
5.77	KS175	POLO-SAMPSEL-OSKA
5.76	KS151	LULA-KENOMA-SUMMIT
5.68	KS304	KIPSON-HASTINGS-CRETE
5.64	KS377	WABASH-MUIR-KENNEBEC
5.58	KS373	KIPSON-PAWNEE-CRETE
5.57	KS314	KIPSON-HASTINGS-ARMO
5.42	KS161	KENOMA-CLIME-KENOMA
5.32	KS192	HAYNIE-LETA-HAYNIE
5.28	KS328	CRETE-CRETE-MAYBERRY
5.18	KS114	PAWNEE-SHELBY-SHELBY
5.15	KS301	CRETE-CRETE-CRETE
4.95	KS345	HASTINGS-CRETE-CRETE
4.90	KS120	MARTIN-GRUNDY-ELMONT
4.83	KS142	MARTIN-VINLAND-OSKA
4.73	KS104	GRUNDY-GRUNDY-PAWNEE
4.71	KS132	PAWNEE-SOIGN-LADYSMITH
4.67	KS344	PAWNEE-WYMORE-PAWNEE
4.64	KS315	TULLY-BENFIELD-CLIME
4.64	KS308	WYMORE-IRWIN-KIPSON
4.60	KS335	MARTIN-WAMEGO-WAMEGO
4.53	KS111	SHARPSBURG-SHARPSBURG-SHELBY
4.51	KS143	MARTIN-PAWNEE-SOIGN
4.44	KS194	WABASH-READING-KENNEBEC
4.38	KS331	FLORENCE-LABETTE-CLIME
4.37	KS141	MARTIN-LADYSMITH-MARTIN
4.36	KS391	CHASE-WABASH-KENNEBEC
4.32	KS330	CLIME-SOIGN-MARTIN
4.24	KS311	PAWNEE-PAWNEE-BURCHARD
4.17	KS310	WYMORE-WYMORE-WYMORE
4.12	KS338	IRWIN-IRWIN-KIPSON
4.10	KS349	IRWIN-LADYSMITH-IRWIN



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Plate B

This map was prepared at the Kansas Geological Survey at the request of and in cooperation with the Kansas Water Office and was funded by the Kansas Water Plan Fund of the Kansas Water Office. It is intended to show general patterns and relative differences in surface soil texture at a regional scale. Site-specific soils information should be taken directly from the Map Unit Interpretations Record relational database, a modern county soil survey, or from actual field observations.

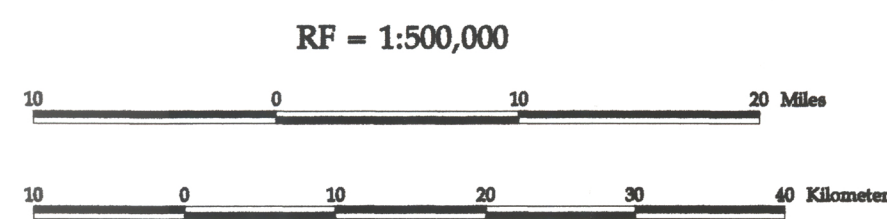


The Kansas Geological Survey compiled this map according to specific cartographic standards, using what is thought to be the most reliable information available. The Kansas Geological Survey does not guarantee freedom from errors or inaccuracies and disclaims any legal responsibility or liability for interpretations made from the map, or decisions based thereon.

Projection: Lambert Conformal Conic
 Standard Parallels: 33 and 45 degrees North
 Central Meridian: -98.15 degrees West
 Latitude of Origin: 36 degrees North
 Datum: NAD27

Data Source: U.S. Department of Agriculture, Natural Resources Conservation Service (NRCS), 1994

Compiled by Jeff Schloss and Lee Bissinger at the Kansas Geological Survey in May 1998.



One inch equals approximately eight miles

