

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
019	AfB	Alice fine sandy loam, 2 to 6 percent slopes	Alice	85	G060AY120SD	Droughty Loam
019	AfC	Alice fine sandy loam, 6 to 9 percent slopes	Alice	85	G060AY120SD	Droughty Loam
019	AlA	Altvan loam, 0 to 2 percent slopes	Altvan	85	G060AY120SD	Droughty Loam
019	AlB	Altvan loam, 2 to 6 percent slopes	Altvan	85	G060AY120SD	Droughty Loam
019	ArA	Arvada silt loam, 0 to 3 percent slopes	Arvada	90	G060AY000SD	Not suited
019	AsA	Arvada-Slickspots complex, 0 to 3 percent slopes	Arvada	60	G060AY000SD	Not suited
019	AsA	Arvada-Slickspots complex, 0 to 3 percent slopes	Slickspots	30	G060AY000SD	Not suited
019	BaA	Baca silty clay loam, 0 to 2 percent slopes	Baca	90	G060AY100SD	Loam
019	BaB	Baca silty clay loam, 2 to 6 percent slopes	Baca	90	G060AY100SD	Loam
019	Bh	Barnum silt loam, channeled	Barnum	90	G060AY500SD	Overflow
019	BmA	Bidman loam, 0 to 3 percent slopes	Bidman	90	G060AY210SD	Clayey Subsoil
019	BmB	Bidman loam, 3 to 6 percent slopes	Bidman	85	G060AY210SD	Clayey Subsoil
019	Bo	Blowout land	Orthents	100	G060AY000SD	Not suited
019	BrB	Bidman-Redig complex, 2 to 9 percent slopes	Bidman	60	G060AY210SD	Clayey Subsoil
019	BrB	Bidman-Redig complex, 2 to 9 percent slopes	Redig	30	G060AY120SD	Droughty Loam
019	BtB	Broadhurst clay, 0 to 6 percent slopes	Broadhurst	85	G060AY000SD	Not suited
019	BuD	Butche-Boneek complex, 6 to 25 percent slopes	Butche	50	G060AY000SD	Not suited
019	BuD	Butche-Boneek complex, 6 to 25 percent slopes	Boneek	30	G060AY100SD	Loam
019	CaF	Cabbart loam, 25 to 40 percent slopes	Cabbart	80	G060AY000SD	Not suited
019	CbD	Cabbart-Lismas complex, 6 to 18 percent slopes	Cabbart	45	G060AY000SD	Not suited
019	CbD	Cabbart-Lismas complex, 6 to 18 percent slopes	Lismas	35	G060AY000SD	Not suited
019	CgD	Cabbart-Scroggin loams, 6 to 25 percent slopes	Cabbart	50	G060AY000SD	Not suited
019	CgD	Cabbart-Scroggin loams, 6 to 25 percent slopes	Scroggin	30	G060AY000SD	Not suited
019	CmA	Nunn loam, 0 to 2 percent slopes	Nunn	90	G060AY100SD	Loam
019	CmB	Nunn loam, 2 to 6 percent slopes	Nunn	90	G060AY100SD	Loam
019	CmC	Nunn loam, 6 to 9 percent slopes	Nunn	85	G060AY100SD	Loam
019	DsA	Dix sandy loam, 0 to 3 percent slopes	Dix	80	G060AY130SD	Very Droughty Loam
019	EpD	Epsie clay, 3 to 25 percent slopes	Epsie	85	G060AY000SD	Not suited
019	EsE	Epsie-Shale land complex, 9 to 45 percent slopes	Epsie	70	G060AY000SD	Not suited
019	EsE	Epsie-Shale land complex, 9 to 45 percent slopes	Rock outcrop	30	G060AY000SD	Not suited
019	GgA	Glenberg fine sandy loam, 0 to 2 percent slopes	Glenberg	85	G060AY120SD	Droughty Loam
019	GgB	Glenberg fine sandy loam, 2 to 6 percent slopes	Glenberg	85	G060AY120SD	Droughty Loam
019	Gh	Glenberg and Haverson soils	Glenberg	45	G060AY500SD	Overflow
019	Gh	Glenberg and Haverson soils	Haverson	45	G060AY500SD	Overflow
019	GnC	Graner clay, 3 to 25 percent slopes	Graner	90	G060AY000SD	Not suited
019	GrE	Grummit clay, 3 to 25 percent slopes	Grummit	90	G060AY000SD	Not suited
019	HeA	Haverson loam, 0 to 2 percent slopes	Haverson	80	G060AY100SD	Loam
019	HeB	Haverson loam, 2 to 6 percent slopes	Haverson	80	G060AY100SD	Loam
019	HIB	Hisle loam, 0 to 9 percent slopes	Hisle	80	G060AY000SD	Not suited
019	HsB	Hisle-Slickspots complex, 0 to 9 percent slopes	Hisle	55	G060AY000SD	Not suited
019	HsB	Hisle-Slickspots complex, 0 to 9 percent slopes	Slickspots	30	G060AY000SD	Not suited
019	KlA	Kyle clay, 0 to 2 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
019	KlB	Kyle clay, 2 to 6 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
019	KlC	Kyle clay, 6 to 9 percent slopes	Kyle	85	G060AY210SD	Clayey Subsoil
019	Kt	Kyle clay, terrace	Kyle	95	G060AY210SD	Clayey Subsoil
019	KuB	Kyle-Pierre clays, 0 to 6 percent slopes	Kyle	50	G060AY210SD	Clayey Subsoil

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019	KuB	Kyle-Pierre clays, 0 to 6 percent slopes	Pierre	30	G060AY210SD	Clayey Subsoil
019	LcE	Lismas clay, 3 to 25 percent slopes	Lismas	75	G060AY000SD	Not suited
019	LeD	Lismas-Pierre clays, 3 to 18 percent slopes	Lismas	50	G060AY000SD	Not suited
019	LeD	Lismas-Pierre clays, 3 to 18 percent slopes	Pierre	35	G060AY210SD	Clayey Subsoil
019	LnA	Lohmiller silty clay loam, 0 to 2 percent slopes	Lohmiller	80	G060AY210SD	Clayey Subsoil
019	LnB	Lohmiller silty clay loam, 2 to 6 percent slopes	Lohmiller	80	G060AY210SD	Clayey Subsoil
019	Lo	Sage silty clay loam, 0 to 6 percent slopes	Sage	95	G060AY000SD	Not suited
019	Ls	Lohmiller silty clay loam, acid variant	Lohmiller	95	G060AY500SD	Overflow
019	MaA	Manter fine sandy loam, 0 to 2 percent slopes	Manter	85	G060AY120SD	Droughty Loam
019	MaB	Manter fine sandy loam, 2 to 6 percent slopes	Manter	85	G060AY120SD	Droughty Loam
019	McA	Manvel silty clay loam, 0 to 2 percent slopes	Manvel	95	G060AY400SD	Limy Upland
019	McB	Manvel silty clay loam, 2 to 6 percent slopes	Manvel	85	G060AY400SD	Limy Upland
019	Mh	Aquolls	Aquolls	100	G060AY000SD	Not suited
019	MIA	Mawer fine sandy loam, 0 to 2 percent slopes	Mawer	80	G060AY130SD	Very Droughty Loam
019	MIB	Mawer fine sandy loam, 2 to 6 percent slopes	Mawer	80	G060AY130SD	Very Droughty Loam
019	Mn	McKenzie clay	McKenzie	90	G060AY900SD	Wet
019	MoE	Midway silty clay loam, 6 to 25 percent slopes	Midway	80	G060AY000SD	Not suited
019	MrD	Midway-Razor silty clay loams, 3 to 15 percent slopes	Midway	50	G060AY000SD	Not suited
019	MrD	Midway-Razor silty clay loams, 3 to 15 percent slopes	Razor	30	G060AY210SD	Clayey Subsoil
019	Ms	Minatare-Whitelake fine sandy loams, 0 to 3 percent slopes	Minatare	55	G060AY000SD	Not suited
019	Ms	Minatare-Whitelake fine sandy loams, 0 to 3 percent slopes	Whitelake	40	G060AY800SD	Claypan
019	Mt	Mine pits and dumps	Orthents	100	G060AY000SD	Not suited
019	MuB	Minnequa silty clay loam, 2 to 6 percent slopes	Minnequa	85	G060AY400SD	Limy Upland
019	MuC	Minnequa silty clay loam, 6 to 9 percent slopes	Minnequa	85	G060AY400SD	Limy Upland
019	ObA	Loburn loam, 0 to 3 percent slopes	Loburn	85	G060AY800SD	Claypan
019	Og	Orthents, gravelly	Orthents	100	G060AY000SD	Not suited
019	Or	Orthents, clayey	Orthents	100	G060AY000SD	Not suited
019	PeE	Enning silty clay loam, 6 to 25 percent slopes	Enning	80	G060AY000SD	Not suited
019	PmD	Enning-Minnequa silty clay loams, 3 to 15 percent slopes	Enning	50	G060AY000SD	Not suited
019	PmD	Enning-Minnequa silty clay loams, 3 to 15 percent slopes	Minnequa	30	G060AY400SD	Limy Upland
019	PrA	Pierre clay, 0 to 2 percent slopes	Pierre	90	G060AY210SD	Clayey Subsoil
019	PrB	Pierre clay, 2 to 6 percent slopes	Pierre	80	G060AY210SD	Clayey Subsoil
019	PrD	Pierre clay, 6 to 21 percent slopes	Pierre	80	G060AY000SD	Not suited
019	RaB	Ralph loam, 3 to 6 percent slopes	Ralph	80	G060AY100SD	Loam
019	RcA	Razor silty clay loam, 0 to 2 percent slopes	Razor	95	G060AY210SD	Clayey Subsoil
019	RcB	Razor silty clay loam, 2 to 6 percent slopes	Razor	90	G060AY210SD	Clayey Subsoil
019	RcC	Razor silty clay loam, 6 to 9 percent slopes	Razor	85	G060AY210SD	Clayey Subsoil
019	RdE	Redig clay loam, 9 to 25 percent slopes	Redig	85	G060AY000SD	Not suited
019	Rh	Riverwash	Riverwash	100	G060AY000SD	Not suited
019	Sa	Sage-Slickspots complex, 0 to 15 percent slopes	Sage	55	G060AY000SD	Not suited
019	Sa	Sage-Slickspots complex, 0 to 15 percent slopes	Slickspots	25	G060AY000SD	Not suited
019	Sb	Sage silty clay loam, 0 to 3 percent slopes	Sage	80	G060AY000SD	Not suited
019	ScA	Satanta loam, 0 to 2 percent slopes	Satanta	80	G060AY100SD	Loam

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019	ScB	Satanta loam, 2 to 6 percent slopes	Satanta	80	G060AY100SD	Loam
019	ScC	Satanta loam, 6 to 9 percent slopes	Satanta	80	G060AY100SD	Loam
019	SdA	Savo silty clay loam, 0 to 2 percent slopes	Savo	85	G060AY100SD	Loam
019	SdB	Savo silty clay loam, 2 to 6 percent slopes	Savo	85	G060AY100SD	Loam
019	SeE	Schamber loam, 6 to 25 percent slopes	Schamber	75	G060AY000SD	Not suited
019	Sg	Shale land	Rock outcrop	80	G060AY000SD	Not suited
019	ShF	Shale land-Grummit complex, 15 to 45 percent slopes	Rock outcrop	60	G060AY000SD	Not suited
019	ShF	Shale land-Grummit complex, 15 to 45 percent slopes	Grummit	30	G060AY000SD	Not suited
019	SkB	Slickspots-Demar complex, 0 to 6 percent slopes	Slickspots	60	G060AY000SD	Not suited
019	SkB	Slickspots-Demar complex, 0 to 6 percent slopes	Demar	40	G060AY800SD	Claypan
019	SIB	Slickspots-Wasa complex, 0 to 6 percent slopes	Slickspots	60	G060AY000SD	Not suited
019	SIB	Slickspots-Wasa complex, 0 to 6 percent slopes	Wasa	30	G060AY000SD	Not suited
019	SmE	Snomo-Shale land complex, 3 to 25 percent slopes	Snomo	55	G060AY000SD	Not suited
019	SmE	Snomo-Shale land complex, 3 to 25 percent slopes	Rock outcrop	30	G060AY000SD	Not suited
019	Sr	Stetter clay	Stetter	85	G060AY500SD	Overflow
019	Ss	Stetter clay, channeled	Stetter	95	G060AY500SD	Overflow
019	St	Lismas clay, 12 to 45 percent slopes, stony	Lismas	60	G060AY000SD	Not suited
019	SuA	Swanboy clay, 0 to 3 percent slopes	Swanboy	85	G060AY000SD	Not suited
019	Sv	Swanboy-Slickspots complex	Swanboy	50	G060AY000SD	Not suited
019	Sv	Swanboy-Slickspots complex	Slickspots	30	G060AY000SD	Not suited
019	Te	Lismas-Shale outcrop complex, 25 to 50 percent slopes	Lismas	60	G060AY000SD	Not suited
019	Te	Lismas-Shale outcrop complex, 25 to 50 percent slopes	Rock outcrop	20	G060AY000SD	Not suited
019	ToB	Twotop clay, 0 to 9 percent slopes	Twotop	85	G060AY000SD	Not suited
019	VaA	Vale silt loam, 0 to 2 percent slopes	Vale	90	G060AY100SD	Loam
019	WaB	Wasa-Slickspots complex, 0 to 6 percent slopes	Wasa	60	G060AY000SD	Not suited
019	WaB	Wasa-Slickspots complex, 0 to 6 percent slopes	Slickspots	35	G060AY000SD	Not suited
019	WhA	Whitelake fine sandy loam, 0 to 2 percent slopes	Whitelake	85	G060AY800SD	Claypan
019	WnB	Winler clay, 0 to 9 percent slopes	Winler	70	G060AY000SD	Not suited
047	Aa	Absted silt loam	Absted	85	G060AY800SD	Claypan
047	AaC	Alice fine sandy loam, 2 to 9 percent slopes	Alice	90	G060AY120SD	Droughty Loam
047	AbA	Altvan loam, 0 to 2 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
047	AbB	Altvan loam, 2 to 6 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
047	Ap	Aquolls, nearly level	Aquolls	100	G060AY000SD	Not suited
047	Ar	Arvada loam	Arvada	90	G060AY000SD	Not suited
047	AsB	Ascalon fine sandy loam, 0 to 6 percent slopes	Ascalon	90	G060AY120SD	Droughty Loam
047	AsC	Ascalon fine sandy loam, 6 to 9 percent slopes	Ascalon	90	G060AY120SD	Droughty Loam
047	Bb	Bankard fine sandy loam	Bankard	90	G060AY300SD	Sand
047	CnD	Colby-Norka silt loams, 6 to 15 percent slopes	Colby	50	G060AY400SD	Limy Upland
047	CnD	Colby-Norka silt loams, 6 to 15 percent slopes	Norka	35	G060AY100SD	Loam
047	DaB	Dailey fine sand, 0 to 6 percent slopes	Dailey	90	G060AY300SD	Sand
047	DaC	Dailey fine sand, 6 to 12 percent slopes	Dailey	90	G060AY300SD	Sand
047	DwA	Dwyer loamy fine sand, 0 to 2 percent slopes	Dwyer	90	G060AY300SD	Sand
047	DwB	Dwyer loamy fine sand, 2 to 6 percent slopes	Dwyer	90	G060AY300SD	Sand

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047	DwE	Dwyer loamy fine sand, 6 to 25 percent slopes	Dwyer	85	G060AY000SD	Not suited
047	EaC	Eckley loam, 0 to 9 percent slopes	Eckley	90	G060AY130SD	Very Droughty Loam
047	Ga	Glenberg fine sandy loam	Glenberg	90	G060AY120SD	Droughty Loam
047	GrE	Grummit-Rock outcrop complex, 3 to 40 percent slopes	Grummit	60	G060AY000SD	Not suited
047	GrE	Grummit-Rock outcrop complex, 3 to 40 percent slopes	Rock outcrop	30	G060AY000SD	Not suited
047	GsD	Grummit-Snomo clays, 3 to 15 percent slopes	Grummit	55	G060AY000SD	Not suited
047	GsD	Grummit-Snomo clays, 3 to 15 percent slopes	Snomo	30	G060AY000SD	Not suited
047	Ha	Haverson loam	Haverson	90	G060AY100SD	Loam
047	He	Hisle-Slickspots complex	Hisle	60	G060AY000SD	Not suited
047	He	Hisle-Slickspots complex	Slickspots	30	G060AY000SD	Not suited
047	Ho	Hoven silt loam	Hoven	95	G060AY000SD	Not suited
047	JaB	Jayem fine sandy loam, 2 to 9 percent slopes	Jayem	90	G060AY120SD	Droughty Loam
047	KyA	Kyle clay, 0 to 2 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
047	KyB	Kyle clay, 2 to 6 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
047	Lo	Lohmiller silty clay loam	Lohmiller	90	G060AY210SD	Clayey Subsoil
047	Lp	Lohmiller silty clay loam, channelled, 0 to 2 percent slopes	Lohmiller	100	G060AY500SD	Overflow
047	MaA	Manvel silt loam, 0 to 2 percent slopes	Manvel	90	G060AY400SD	Limy Upland
047	MbA	Manzanola silty clay loam, 0 to 2 percent slopes	Manzanola	90	G060AY210SD	Clayey Subsoil
047	MbB	Manzanola silty clay loam, 2 to 6 percent slopes	Manzanola	90	G060AY210SD	Clayey Subsoil
047	MoB	Minnequa silt loam, 2 to 6 percent slopes	Minnequa	90	G060AY400SD	Limy Upland
047	MpE	Minnequa-Midway silty clay loams, 6 to 25 percent slopes	Minnequa	50	G060AY400SD	Limy Upland
047	MpE	Minnequa-Midway silty clay loams, 6 to 25 percent slopes	Midway	35	G060AY000SD	Not suited
047	MtA	Mitchell very fine sandy loam, 0 to 2 percent slopes	Mitchell	90	G060AY400SD	Limy Upland
047	MtB	Mitchell very fine sandy loam, 2 to 6 percent slopes	Mitchell	90	G060AY400SD	Limy Upland
047	NoA	Norka silt loam, 0 to 2 percent slopes	Norka	90	G060AY100SD	Loam
047	NoB	Norka silt loam, 2 to 6 percent slopes	Norka	90	G060AY100SD	Loam
047	NoC	Norka silt loam, 6 to 9 percent slopes	Norka	90	G060AY100SD	Loam
047	NuA	Nunn clay loam, 0 to 2 percent slopes	Nunn	90	G060AY100SD	Loam
047	NuB	Nunn clay loam, 2 to 6 percent slopes	Nunn	90	G060AY100SD	Loam
047	NuC	Nunn clay loam, 6 to 9 percent slopes	Nunn	90	G060AY100SD	Loam
047	PeB	Pierre clay, 2 to 6 percent slopes	Pierre	90	G060AY210SD	Clayey Subsoil
047	PgE	Pierre-Grummit clays, 6 to 25 percent slopes	Pierre	60	G060AY210SD	Clayey Subsoil
047	PgE	Pierre-Grummit clays, 6 to 25 percent slopes	Grummit	30	G060AY000SD	Not suited
047	PsE	Pierre-Samsil clays, 6 to 25 percent slopes	Pierre	50	G060AY210SD	Clayey Subsoil
047	PsE	Pierre-Samsil clays, 6 to 25 percent slopes	Samsil	35	G060AY000SD	Not suited
047	Pt	Pits, gravel	Orthents	100	G060AY000SD	Not suited
047	SaE	Samsil clay, 15 to 40 percent slopes	Samsil	85	G060AY000SD	Not suited
047	SbD	Samsil-Pierre clays, 6 to 15 percent slopes	Samsil	45	G060AY000SD	Not suited
047	SbD	Samsil-Pierre clays, 6 to 15 percent slopes	Pierre	40	G060AY210SD	Clayey Subsoil
047	ScA	Satanta loam, 0 to 2 percent slopes	Satanta	90	G060AY100SD	Loam
047	ScB	Satanta loam, 2 to 6 percent slopes	Satanta	90	G060AY100SD	Loam
047	ScC	Satanta loam, 6 to 9 percent slopes	Satanta	85	G060AY100SD	Loam
047	SdA	Savo silt loam, 0 to 2 percent slopes	Savo	90	G060AY100SD	Loam

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047	SdB	Savo silt loam, 2 to 6 percent slopes	Savo	90	G060AY100SD	Loam
047	SmE	Schamber-Eckley complex, 9 to 40 percent slopes	Schamber	45	G060AY000SD	Not suited
047	SmE	Schamber-Eckley complex, 9 to 40 percent slopes	Eckley	40	G060AY000SD	Not suited
047	SnE	Shingle-Penrose-Rock outcrop complex, 15 to 40 percent slopes	Shingle	45	G060AY000SD	Not suited
047	SnE	Shingle-Penrose-Rock outcrop complex, 15 to 40 percent slopes	Penrose	25	G060AY000SD	Not suited
047	SnE	Shingle-Penrose-Rock outcrop complex, 15 to 40 percent slopes	Rock outcrop	20	G060AY000SD	Not suited
047	St	Stetter clay	Stetter	90	G060AY500SD	Overflow
047	Sw	Swanboy clay	Swanboy	90	G060AY000SD	Not suited
047	VaE	Valent loamy fine sand, 6 to 25 percent slopes	Valent	90	G060AY000SD	Not suited
047	WpC	Winler-Pierre clays, 2 to 9 percent slopes	Winler	50	G060AY000SD	Not suited
047	WpC	Winler-Pierre clays, 2 to 9 percent slopes	Pierre	35	G060AY210SD	Clayey Subsoil
047	ZnE	Zigweid-Nihill complex, 6 to 20 percent slopes	Zigweid	50	G060AY400SD	Limy Upland
047	ZnE	Zigweid-Nihill complex, 6 to 20 percent slopes	Nihill	35	G060AY000SD	Not suited
063	BnA	Bullock-Assinniboine fine sandy loams, 0 to 4 percent slopes	Bullock	55	G060AY000SD	Not suited
063	BnA	Bullock-Assinniboine fine sandy loams, 0 to 4 percent slopes	Assinniboine	30	G060AY120SD	Droughty Loam
063	Hf	Harlake silty clay, channeled	Harlake	85	G060AY210SD	Clayey Subsoil
063	HsB	Hisle-Slickspots complex, 0 to 6 percent slopes	Hisle	55	G060AY000SD	Not suited
063	HsB	Hisle-Slickspots complex, 0 to 6 percent slopes	Slickspots	25	G060AY000SD	Not suited
063	KyB	Kyle clay, 2 to 6 percent slopes	Kyle	85	G060AY210SD	Clayey Subsoil
063	LhD	Lismas-Hisle complex, 6 to 25 percent slopes	Lismas	50	G060AY000SD	Not suited
063	LhD	Lismas-Hisle complex, 6 to 25 percent slopes	Hisle	30	G060AY000SD	Not suited
063	LkD	Lismas-Winler clays, 6 to 25 percent slopes	Lismas	45	G060AY000SD	Not suited
063	LkD	Lismas-Winler clays, 6 to 25 percent slopes	Winler	30	G060AY000SD	Not suited
063	LrF	Lismas-Rock outcrop complex, 15 to 60 percent slopes	Lismas	55	G060AY000SD	Not suited
063	LrF	Lismas-Rock outcrop complex, 15 to 60 percent slopes	Rock outcrop	20	G060AY000SD	Not suited
063	SbA	Sage-Hisle variant complex, 0 to 2 percent slopes	Sage	60	G060AY000SD	Not suited
063	SbA	Sage-Hisle variant complex, 0 to 2 percent slopes	Hisle	20	G060AY000SD	Not suited
063	SwA	Swanboy clay, 0 to 9 percent slopes	Swanboy	85	G060AY000SD	Not suited
063	SyA	Swanboy-Slickspots complex, 0 to 2 percent slopes	Swanboy	55	G060AY000SD	Not suited
063	SyA	Swanboy-Slickspots complex, 0 to 2 percent slopes	Slickspots	25	G060AY000SD	Not suited
063	TzA	Twotop clay, 0 to 3 percent slopes	Twotop	85	G060AY000SD	Not suited
063	WhB	Winler-Hisle complex, 0 to 9 percent slopes	Winler	50	G060AY000SD	Not suited
063	WhB	Winler-Hisle complex, 0 to 9 percent slopes	Hisle	30	G060AY000SD	Not suited
063	WsC	Winler-Lismas clays, 2 to 15 percent slopes	Winler	50	G060AY000SD	Not suited
063	WsC	Winler-Lismas clays, 2 to 15 percent slopes	Lismas	25	G060AY000SD	Not suited
081	GcD	GRUMMIT-ROCK OUTCROP COMPLEX, 3 TO 20 PERCENT SLOPES	Grummit	75	G060AY000SD	Not suited
081	GcD	GRUMMIT-ROCK OUTCROP COMPLEX, 3 TO 20 PERCENT SLOPES	Rock outcrop	15	G060AY000SD	Not suited
081	GdE	GRUMMIT-ROCK OUTCROP COMPLEX, 15 TO 50 PERCENT SLOPES	Grummit	60	G060AY000SD	Not suited

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081	GdE	GRUMMIT-ROCK OUTCROP COMPLEX, 15 TO 50 PERCENT SLOPES	Rock outcrop	35	G060AY000SD	Not suited
081	HcA	HISLE SILT LOAM, 0 TO 3 PERCENT SLOPES	Hisle	85	G060AY000SD	Not suited
081	HdA	HISLE-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	Hisle	65	G060AY000SD	Not suited
081	HdA	HISLE-SLICKSPOTS COMPLEX, 0 TO 3 PERCENT SLOPES	Slickspots	20	G060AY000SD	Not suited
081	KaA	KYLE CLAY, 0 TO 2 PERCENT SLOPES	Kyle	90	G060AY210SD	Clayey Subsoil
081	KaB	KYLE CLAY, 2 TO 6 PERCENT SLOPES	Kyle	90	G060AY210SD	Clayey Subsoil
081	NcD	NIHILL GRAVELLY LOAM, 6 TO 25 PERCENT SLOPES	Nihill	85	G060AY000SD	Not suited
081	NdA	NUNN CLAY LOAM, 0 TO 2 PERCENT SLOPES	Nunn	85	G060AY100SD	Loam
081	NdB	NUNN CLAY LOAM, 2 TO 6 PERCENT SLOPES	Nunn	85	G060AY100SD	Loam
081	NdC	NUNN CLAY LOAM, 6 TO 9 PERCENT SLOPES	Nunn	85	G060AY100SD	Loam
081	PcB	PIERRE CLAY, 2 TO 6 PERCENT SLOPES	Pierre	90	G060AY210SD	Clayey Subsoil
081	PcD	PIERRE CLAY, 6 TO 25 PERCENT SLOPES	Pierre	85	G060AY210SD	Clayey Subsoil
081	SaA	SATANTA LOAM, 0 TO 2 PERCENT SLOPES	Satanta	90	G060AY100SD	Loam
081	SaB	SATANTA LOAM, 2 TO 6 PERCENT SLOPES	Satanta	90	G060AY100SD	Loam
081	SaC	SATANTA LOAM, 6 TO 9 PERCENT SLOPES	Satanta	85	G060AY100SD	Loam
113	BnE	Buften silty clay loam, 9 to 20 percent slopes	Buften	85	G060AY000SD	Not suited
113	Bu	Buffington silty clay loam, 0 to 2 percent slopes	Buffington	85	G060AY210SD	Clayey Subsoil
113	Gp	Pits, gravel	Orthents	100	G060AY000SD	Not suited
113	Hs	Hisle silt loam, 0 to 9 percent slopes	Hisle	80	G060AY000SD	Not suited
113	Ht	Hisle-Swanboy complex, saline, 0 to 6 percent slopes	Hisle	50	G060AY000SD	Not suited
113	Ht	Hisle-Swanboy complex, saline, 0 to 6 percent slopes	Swanboy	45	G060AY000SD	Not suited
113	KyA	Swanboy clay, 0 to 3 percent slopes	Swanboy	95	G060AY000SD	Not suited
113	KyB	Swanboy clay, 3 to 5 percent slopes	Swanboy	95	G060AY000SD	Not suited
113	KzA	Kyle silty clay, 0 to 3 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
113	MgD	Minnequa silty clay loam, 5 to 12 percent slopes	Minnequa	80	G060AY400SD	Limy Upland
113	PcE	Enning and Minnequa silty clay loams, 5 to 20 percent slopes	Enning	40	G060AY000SD	Not suited
113	PcE	Enning and Minnequa silty clay loams, 5 to 20 percent slopes	Minnequa	40	G060AY400SD	Limy Upland
113	Pd	Enning-Rock outcrop complex, 5 to 40 percent slopes	Enning	55	G060AY000SD	Not suited
113	Pd	Enning-Rock outcrop complex, 5 to 40 percent slopes	Rock outcrop	25	G060AY000SD	Not suited
113	PeC	Pierre clay, 3 to 9 percent slopes	Pierre	85	G060AY210SD	Clayey Subsoil
113	Pse	Pierre-Samsil clays, 9 to 25 percent slopes	Pierre	60	G060AY000SD	Not suited
113	Pse	Pierre-Samsil clays, 9 to 25 percent slopes	Samsil	25	G060AY000SD	Not suited
113	Ss	Samsil-Shale outcrop complex, 3 to 40 percent slopes	Samsil	60	G060AY000SD	Not suited
113	Ss	Samsil-Shale outcrop complex, 3 to 40 percent slopes	Rock outcrop	20	G060AY000SD	Not suited
113	Sw	Swanboy clay, 0 to 6 percent slopes	Swanboy	80	G060AY000SD	Not suited
600	AlA	Altvan loam, 0 to 2 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
600	AlB	Altvan loam, 2 to 6 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
600	AnB	Arvada silt loam, 0 to 6 percent slopes	Arvada	90	G060AY000SD	Not suited
600	ArB	Arvada-Slickspots complex, 0 to 6 percent slopes	Arvada	55	G060AY000SD	Not suited
600	ArB	Arvada-Slickspots complex, 0 to 6 percent slopes	Slickspots	30	G060AY000SD	Not suited

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
600	Ba	Bankard soils	Bankard	85	G060AY300SD	Sand
600	BID	Blackpipe silt loam, 6 to 15 percent slopes	Blackpipe	80	G060AY100SD	Loam
600	BsD	Blackpipe-Shingle complex, 6 to 15 percent slopes	Blackpipe	50	G060AY100SD	Loam
600	BsD	Blackpipe-Shingle complex, 6 to 15 percent slopes	Shingle	30	G060AY000SD	Not suited
600	Ga	Glenberg soils	Glenberg	90	G060AY120SD	Droughty Loam
600	Gp	Orthents, gravelly	Orthents	100	G060AY000SD	Not suited
600	HbB	Hisle-Slickspots complex, 0 to 6 percent slopes	Hisle	60	G060AY000SD	Not suited
600	HbB	Hisle-Slickspots complex, 0 to 6 percent slopes	Slickspots	30	G060AY000SD	Not suited
600	Ho	Hoven silt loam	Hoven	90	G060AY000SD	Not suited
600	KaA	Keith silt loam, 0 to 2 percent slopes	Keith	90	G060AY100SD	Loam
600	KaB	Keith silt loam, 2 to 6 percent slopes	Keith	90	G060AY100SD	Loam
600	KbA	Kyle clay, 0 to 2 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
600	KbB	Kyle clay, 2 to 6 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
600	KcB	Kyle soils, 2 to 6 percent slopes, mounded	Kyle	90	G060AY210SD	Clayey Subsoil
600	LbE	Lismas clay, 15 to 40 percent slopes	Lismas	80	G060AY000SD	Not suited
600	LcD	Lismas-Winler association, sloping	Lismas	50	G060AY000SD	Not suited
600	LcD	Lismas-Winler association, sloping	Winler	30	G060AY000SD	Not suited
600	Le	Lohmiller silty clay loam	Lohmiller	85	G060AY210SD	Clayey Subsoil
600	Lh	Lohmiller and Glenberg soils, channeled	Glenberg	40	G060AY500SD	Overflow
600	Lh	Lohmiller and Glenberg soils, channeled	Lohmiller	40	G060AY500SD	Overflow
600	Ma	Macken silty clay	Macken	90	G060AY900SD	Wet
600	NbE	Nihill gravelly loam, 9 to 40 percent slopes	Nihill	75	G060AY000SD	Not suited
600	NcA	Nunn clay loam, 0 to 2 percent slopes	Nunn	90	G060AY100SD	Loam
600	NcB	Nunn clay loam, 2 to 6 percent slopes	Nunn	90	G060AY100SD	Loam
600	NcC	Nunn clay loam, 6 to 9 percent slopes	Nunn	85	G060AY100SD	Loam
600	OaA	Onita clay loam, 0 to 4 percent slopes	Onita	85	G060AY500SD	Overflow
600	PbB	Pierre clay, 2 to 6 percent slopes	Pierre	90	G060AY210SD	Clayey Subsoil
600	PbC	Pierre clay, 6 to 15 percent slopes	Pierre	85	G060AY210SD	Clayey Subsoil
600	SaE	Samsil clay, 15 to 40 percent slopes	Samsil	75	G060AY000SD	Not suited
600	SbD	Samsil-Pierre association, sloping	Samsil	45	G060AY000SD	Not suited
600	SbD	Samsil-Pierre association, sloping	Pierre	30	G060AY210SD	Clayey Subsoil
600	ScE	Samsil-Rock outcrop association, steep	Samsil	50	G060AY000SD	Not suited
600	ScE	Samsil-Rock outcrop association, steep	Rock	30	G060AY000SD	Not suited
			outcrop			
600	SdA	Satanta loam, 0 to 2 percent slopes	Satanta	90	G060AY100SD	Loam
600	SdB	Satanta loam, 2 to 6 percent slopes	Satanta	85	G060AY100SD	Loam
600	SdC	Satanta loam, 6 to 9 percent slopes	Satanta	80	G060AY100SD	Loam
600	SeA	Satanta-Beckton loams, 0 to 3 percent slopes	Satanta	55	G060AY100SD	Loam
600	SeA	Satanta-Beckton loams, 0 to 3 percent slopes	Beckton	30	G060AY800SD	Claypan
600	ShA	Savo silty clay loam, 0 to 2 percent slopes	Savo	85	G060AY100SD	Loam
600	SkB	Savo and Blackpipe soils, 2 to 6 percent slopes	Blackpipe	40	G060AY100SD	Loam
600	SkB	Savo and Blackpipe soils, 2 to 6 percent slopes	Savo	40	G060AY100SD	Loam
600	St	Stetter clay	Stetter	80	G060AY500SD	Overflow
600	SwB	Swanboy clay, 2 to 6 percent slopes	Swanboy	85	G060AY000SD	Not suited
600	SyB	Swanboy-Slickspots complex, 0 to 6 percent slopes	Swanboy	55	G060AY000SD	Not suited
600	SyB	Swanboy-Slickspots complex, 0 to 6 percent slopes	Slickspots	35	G060AY000SD	Not suited
600	WbC	Winler clay, 2 to 9 percent slopes	Winler	80	G060AY000SD	Not suited

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
600	WcB	Winler-Swanboy clays, 0 to 6 percent slopes	Winler	55	G060AY000SD	Not suited
600	WcB	Winler-Swanboy clays, 0 to 6 percent slopes	Swanboy	35	G060AY000SD	Not suited
600	ZaD	Zigweid-Nihill complex, 6 to 15 percent slopes	Zigweid	50	G060AY400SD	Limy Upland
600	ZaD	Zigweid-Nihill complex, 6 to 15 percent slopes	Nihill	25	G060AY000SD	Not suited
601	Ba	Bankard loamy fine sand	Bankard	90	G060AY300SD	Sand
601	Bb	Bankard gravelly loamy sand	Bankard	90	G060AY300SD	Sand
601	Gc	Glenberg fine sandy loam	Glenberg	85	G060AY120SD	Droughty Loam
601	HfB	Hisle-Slickspots complex, 0 to 4 percent slopes	Hisle	60	G060AY000SD	Not suited
601	HfB	Hisle-Slickspots complex, 0 to 4 percent slopes	Slickspots	25	G060AY000SD	Not suited
601	KyA	Kyle clay, 0 to 2 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
601	KyB	Kyle clay, 2 to 6 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
601	LbE	Lismas clay, 15 to 40 percent slopes	Lismas	85	G060AY000SD	Not suited
601	Ld	Lohmiller silty clay loam	Lohmiller	90	G060AY210SD	Clayey Subsoil
601	Lg	Lohmiller silty clay loam, channeled	Lohmiller	90	G060AY500SD	Overflow
601	NuA	Nunn clay loam, 0 to 2 percent slopes	Nunn	85	G060AY100SD	Loam
601	NuB	Nunn clay loam, 2 to 6 percent slopes	Nunn	85	G060AY100SD	Loam
601	PeB	Pierre clay, 2 to 6 percent slopes	Pierre	90	G060AY210SD	Clayey Subsoil
601	PeC	Pierre clay, 6 to 15 percent slopes	Pierre	90	G060AY210SD	Clayey Subsoil
601	PIE	Pierre-Lismas clays, 15 to 40 percent slopes	Pierre	60	G060AY000SD	Not suited
601	PIE	Pierre-Lismas clays, 15 to 40 percent slopes	Lismas	25	G060AY000SD	Not suited
601	PsC	Pierre-Samsil clays, 6 to 15 percent slopes	Pierre	55	G060AY210SD	Clayey Subsoil
601	PsC	Pierre-Samsil clays, 6 to 15 percent slopes	Samsil	30	G060AY000SD	Not suited
601	SaD	Samsil clay, 6 to 25 percent slopes	Samsil	85	G060AY000SD	Not suited
601	SbE	Samsil-Rock outcrop complex, 15 to 40 percent slopes	Samsil	50	G060AY000SD	Not suited
601	SbE	Samsil-Rock outcrop complex, 15 to 40 percent slopes	Rock outcrop	40	G060AY000SD	Not suited
601	SdA	Satanta loam, 0 to 2 percent slopes	Satanta	90	G060AY100SD	Loam
601	SdB	Satanta loam, 2 to 6 percent slopes	Satanta	90	G060AY100SD	Loam
601	St	Stetter clay	Stetter	90	G060AY500SD	Overflow
601	SwA	Swanboy clay	Swanboy	85	G060AY000SD	Not suited
601	SyA	Swanboy-Slickspots complex, 0 to 2 percent slopes	Swanboy	55	G060AY000SD	Not suited
601	SyA	Swanboy-Slickspots complex, 0 to 2 percent slopes	Slickspots	30	G060AY000SD	Not suited
601	WhC	Winler clay, 2 to 9 percent slopes	Winler	85	G060AY000SD	Not suited
601	WIC	Winler-Lismas clays, 6 to 15 percent slopes	Winler	60	G060AY000SD	Not suited
601	WIC	Winler-Lismas clays, 6 to 15 percent slopes	Lismas	30	G060AY000SD	Not suited
605	AaA	Altvan loam, 0 to 2 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
605	AaB	Altvan loam, 2 to 6 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
605	AaC	Altvan loam, 6 to 9 percent slopes	Altvan	85	G060AY120SD	Droughty Loam
605	AbA	Altvan sandy loam, 0 to 2 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
605	AbB	Altvan sandy loam, 2 to 6 percent slopes	Altvan	90	G060AY120SD	Droughty Loam
605	ArA	Arvada loam, 0 to 4 percent slopes	Arvada	90	G060AY000SD	Not suited
605	BaA	Baca silt loam, 0 to 4 percent slopes	Baca	85	G060AY100SD	Loam
605	BcB	Bankard loamy fine sand, 0 to 4 percent slopes	Bankard	85	G060AY300SD	Sand
605	BfA	Beckton silt loam, 0 to 4 percent slopes	Beckton	90	G060AY800SD	Claypan
605	BIA	Blackpipe clay loam, 0 to 2 percent slopes	Blackpipe	85	G060AY100SD	Loam
605	BIB	Blackpipe clay loam, 2 to 6 percent slopes	Blackpipe	85	G060AY100SD	Loam
605	BnC	Blackpipe-Norrest complex, 6 to 12 percent slopes	Blackpipe	50	G060AY100SD	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
605	BnC	Blackpipe-Norrest complex, 6 to 12 percent slopes	Norrest	35	G060AY210SD	Clayey Subsoil
605	Bp	Bridgeport silt loam	Bridgeport	85	G060AY100SD	Loam
605	CmC	Colby-Norka silt loams, 6 to 15 percent slopes	Colby	55	G060AY400SD	Limy Upland
605	CmC	Colby-Norka silt loams, 6 to 15 percent slopes	Norka	30	G060AY100SD	Loam
605	Cn	Colombo loam	Colombo	85	G060AY100SD	Loam
605	Co	Colombo loam, channeled	Colombo	90	G060AY500SD	Overflow
605	Cp	Colombo-Urban land complex	Colombo	50	G060AY100SD	Loam
605	Cp	Colombo-Urban land complex	Urban land	40	G060AY000SD	Not suited
605	CuD	Conata-Hisle complex, 6 to 25 percent slopes	Conata	50	G060AY000SD	Not suited
605	CuD	Conata-Hisle complex, 6 to 25 percent slopes	Hisle	35	G060AY000SD	Not suited
605	Eg	Egas silty clay loam	Egas	90	G060AY000SD	Not suited
605	EmA	Emigrant loam, 0 to 2 percent slopes	Emigrant	90	G060AY120SD	Droughty Loam
605	EmB	Emigrant loam, 2 to 6 percent slopes	Emigrant	90	G060AY120SD	Droughty Loam
605	EnD	Enning-Minnequa silt loams, 9 to 25 percent slopes	Enning	50	G060AY000SD	Not suited
605	EnD	Enning-Minnequa silt loams, 9 to 25 percent slopes	Minnequa	35	G060AY400SD	Limy Upland
605	FaE	Fairburn clay loam, 9 to 40 percent slopes	Fairburn	85	G060AY000SD	Not suited
605	FgE	Fairburn gravelly clay loam, 15 to 45 percent slopes, bouldery	Fairburn	85	G060AY000SD	Not suited
605	FhE	Fairburn-Badland complex, 9 to 40 percent slopes	Fairburn	50	G060AY000SD	Not suited
605	FhE	Fairburn-Badland complex, 9 to 40 percent slopes	Badland	30	G060AY000SD	Not suited
605	FoF	Fairburn-Orella-Badland complex, 15 to 45 percent slopes	Fairburn	40	G060AY000SD	Not suited
605	FoF	Fairburn-Orella-Badland complex, 15 to 45 percent slopes	Orella	25	G060AY000SD	Not suited
605	FoF	Fairburn-Orella-Badland complex, 15 to 45 percent slopes	Badland	20	G060AY000SD	Not suited
605	Gb	Glenberg fine sandy loam	Glenberg	90	G060AY120SD	Droughty Loam
605	GrE	Grummit-Rock outcrop complex, 6 to 40 percent slopes	Grummit	55	G060AY000SD	Not suited
605	GrE	Grummit-Rock outcrop complex, 6 to 40 percent slopes	Rock outcrop	30	G060AY000SD	Not suited
605	GsD	Grummit-Urban land complex, 9 to 30 percent slopes	Grummit	55	G060AY000SD	Not suited
605	GsD	Grummit-Urban land complex, 9 to 30 percent slopes	Urban land	30	G060AY000SD	Not suited
605	Ha	Haverson silt loam	Haverson	90	G060AY100SD	Loam
605	Hc	Haverson loam, channeled	Haverson	90	G060AY500SD	Overflow
605	HsB	Hisle-Slickspots complex, 0 to 6 percent slopes	Hisle	70	G060AY000SD	Not suited
605	HsB	Hisle-Slickspots complex, 0 to 6 percent slopes	Slickspots	20	G060AY000SD	Not suited
605	JaA	Jayem fine sandy loam, 0 to 3 percent slopes	Jayem	90	G060AY120SD	Droughty Loam
605	JaC	Jayem fine sandy loam, 3 to 9 percent slopes	Jayem	85	G060AY120SD	Droughty Loam
605	KyA	Kyle clay, 0 to 3 percent slopes	Kyle	90	G060AY210SD	Clayey Subsoil
605	KyB	Kyle clay, 3 to 6 percent slopes	Kyle	85	G060AY210SD	Clayey Subsoil
605	KyC	Kyle clay, 6 to 9 percent slopes	Kyle	85	G060AY210SD	Clayey Subsoil
605	Lo	Lohmiller silty clay	Lohmiller	85	G060AY210SD	Clayey Subsoil
605	Lp	Lohmiller silty clay, channeled	Lohmiller	90	G060AY500SD	Overflow
605	MaB	Manvel silt loam, 0 to 6 percent slopes	Manvel	85	G060AY400SD	Limy Upland
605	MeC	Manvel-Minnequa silt loams, 2 to 9 percent slopes	Manvel	55	G060AY400SD	Limy Upland
605	MeC	Manvel-Minnequa silt loams, 2 to 9 percent slopes	Minnequa	30	G060AY400SD	Limy Upland
605	MgC	Manvel-Urban land complex, 6 to 15 percent slopes	Manvel	50	G060AY400SD	Limy Upland

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
605	MgC	Manvel-Urban land complex, 6 to 15 percent slopes	Urban land	35	G060AY000SD	Not suited
605	MosE	Midway clay loam, 15 to 40 percent slopes, stony	Midway	85	G060AY000SD	Not suited
605	MpD	Midway-Urban land complex, 9 to 30 percent slopes	Midway	55	G060AY000SD	Not suited
605	MpD	Midway-Urban land complex, 9 to 30 percent slopes	Urban land	30	G060AY000SD	Not suited
605	MrC	Minnequa-Penrose complex, 6 to 9 percent slopes	Minnequa	60	G060AY400SD	Limy Upland
605	MrC	Minnequa-Penrose complex, 6 to 9 percent slopes	Penrose	30	G060AY000SD	Not suited
605	NdE	Nihill gravelly loam, 9 to 40 percent slopes	Nihill	85	G060AY000SD	Not suited
605	NeD	Nihill very gravelly loam, 0 to 25 percent slopes	Nihill	80	G060AY000SD	Not suited
605	NgA	Norka silt loam, 0 to 2 percent slopes	Norka	90	G060AY100SD	Loam
605	NgB	Norka silt loam, 2 to 6 percent slopes	Norka	90	G060AY100SD	Loam
605	NkD	Norrest silty clay loam, 6 to 15 percent slopes	Norrest	85	G060AY210SD	Clayey Subsoil
605	NuA	Nunn loam, 0 to 2 percent slopes	Nunn	90	G060AY100SD	Loam
605	NuB	Nunn loam, 2 to 6 percent slopes	Nunn	90	G060AY100SD	Loam
605	NuC	Nunn loam, 6 to 12 percent slopes	Nunn	85	G060AY100SD	Loam
605	NvA	Nunn-Beckton complex, 0 to 3 percent slopes	Nunn	55	G060AY100SD	Loam
605	NvA	Nunn-Beckton complex, 0 to 3 percent slopes	Beckton	35	G060AY800SD	Claypan
605	NvC	Nunn-Beckton complex, 3 to 9 percent slopes	Nunn	50	G060AY100SD	Loam
605	NvC	Nunn-Beckton complex, 3 to 9 percent slopes	Beckton	35	G060AY800SD	Claypan
605	NwA	Nunn-Urban land complex, 0 to 3 percent slopes	Nunn	60	G060AY100SD	Loam
605	NwA	Nunn-Urban land complex, 0 to 3 percent slopes	Urban land	30	G060AY000SD	Not suited
605	Ow	Owanka clay loam	Owanka	90	G060AY100SD	Loam
605	Ox	Owanka-Beckton complex	Owanka	50	G060AY100SD	Loam
605	Ox	Owanka-Beckton complex	Beckton	40	G060AY800SD	Claypan
605	PdF	Penrose-Rock outcrop complex, 9 to 60 percent slopes	Penrose	65	G060AY000SD	Not suited
605	PdF	Penrose-Rock outcrop complex, 9 to 60 percent slopes	Rock outcrop	25	G060AY000SD	Not suited
605	PeB	Pierre clay, 2 to 6 percent slopes	Pierre	90	G060AY210SD	Clayey Subsoil
605	PeD	Pierre clay, 6 to 15 percent slopes	Pierre	85	G060AY210SD	Clayey Subsoil
605	PgD	Pierre-Grummit clays, 6 to 15 percent slopes	Pierre	65	G060AY210SD	Clayey Subsoil
605	PgD	Pierre-Grummit clays, 6 to 15 percent slopes	Grummit	30	G060AY000SD	Not suited
605	PhB	Pierre-Hisle complex, 0 to 9 percent slopes	Pierre	55	G060AY210SD	Clayey Subsoil
605	PhB	Pierre-Hisle complex, 0 to 9 percent slopes	Hisle	35	G060AY000SD	Not suited
605	PkC	Pierre-Urban land complex, 6 to 15 percent slopes	Pierre	60	G060AY210SD	Clayey Subsoil
605	PkC	Pierre-Urban land complex, 6 to 15 percent slopes	Urban land	35	G060AY000SD	Not suited
605	Ps	Pits, gravel	Orthents	100	G060AY000SD	Not suited
605	Rv	Riverwash	Riverwash	85	G060AY000SD	Not suited
605	SbF	Samsil clay, 25 to 40 percent slopes	Samsil	85	G060AY000SD	Not suited
605	ScE	Samsil-Pierre clays, 15 to 25 percent slopes	Samsil	55	G060AY000SD	Not suited
605	ScE	Samsil-Pierre clays, 15 to 25 percent slopes	Pierre	30	G060AY000SD	Not suited
605	SdF	Samsil-Rock outcrop complex, 25 to 75 percent slopes	Samsil	55	G060AY000SD	Not suited
605	SdF	Samsil-Rock outcrop complex, 25 to 75 percent slopes	Rock outcrop	30	G060AY000SD	Not suited
605	SeA	Satanta loam, 0 to 2 percent slopes	Satanta	90	G060AY100SD	Loam
605	SeB	Satanta loam, 2 to 6 percent slopes u	Satanta	90	G060AY100SD	Loam
605	SfA	Satanta sandy loam, 0 to 2 percent slopes	Satanta	90	G060AY100SD	Loam
605	SfB	Satanta sandy loam, 2 to 6 percent slopes u	Satanta	90	G060AY100SD	Loam
605	SgA	Satanta-Beckton complex, 0 to 3 percent slopes	Satanta	55	G060AY100SD	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
605	SgA	Satanta-Beckton complex, 0 to 3 percent slopes	Beckton	35	G060AY800SD	Claypan
605	ShA	Satanta-Beckton sandy loams, 0 to 3 percent slopes	Satanta	55	G060AY100SD	Loam
605	ShA	Satanta-Beckton sandy loams, 0 to 3 percent slopes	Beckton	35	G060AY800SD	Claypan
605	SkA	Satanta-Urban land complex, 0 to 2 percent slopes	Satanta	45	G060AY100SD	Loam
605	SkA	Satanta-Urban land complex, 0 to 2 percent slopes	Urban land	45	G060AY000SD	Not suited
605	SkB	Satanta-Urban land complex, 2 to 6 percent slopes	Satanta	45	G060AY100SD	Loam
605	SkB	Satanta-Urban land complex, 2 to 6 percent slopes	Urban land	45	G060AY000SD	Not suited
605	SmA	Savo silt loam, 0 to 2 percent slopes	Savo	90	G060AY100SD	Loam
605	SmB	Savo silt loam, 2 to 6 percent slopes	Savo	90	G060AY100SD	Loam
605	SmC	Savo silt loam, 6 to 9 percent slopes	Savo	85	G060AY100SD	Loam
605	SoB	Savo-Urban land complex, 0 to 9 percent slopes	Savo	55	G060AY100SD	Loam
605	SoB	Savo-Urban land complex, 0 to 9 percent slopes	Urban land	35	G060AY000SD	Not suited
605	StE	Schamber-Samsil complex, 15 to 40 percent slopes	Schamber	55	G060AY000SD	Not suited
605	StE	Schamber-Samsil complex, 15 to 40 percent slopes	Samsil	30	G060AY000SD	Not suited
605	SzB	Swanboy clay, 0 to 6 percent slopes	Swanboy	90	G060AY000SD	Not suited
605	TfA	Tilford silt loam, 0 to 2 percent slopes	Tilford	90	G060AY100SD	Loam
605	ZnD	Zigweid-Nihill complex, 6 to 15 percent slopes	Zigweid	50	G060AY400SD	Limy Upland
605	ZnD	Zigweid-Nihill complex, 6 to 15 percent slopes	Nihill	35	G060AY000SD	Not suited