Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
013	DaA	Daglum-Rhoades loams, 0 to 4 percent slopes	Daglum	50	G053BY800ND	Claypan
013	DaA	Daglum-Rhoades loams, 0 to 4 percent slopes	Rhoades	35	G053BY000ND	Not suited
013	Hr	Harriet loam	Harriet	90	G053BY000ND	Not suited
013	Hx	Heil silt loam	Heil	95	G053BY000ND	Not suited
013	Lh	La Prairie-Harriet loams	La Prairie	50	G053BY500ND	Overflow
013	Lh	La Prairie-Harriet loams	Harriet	30	G053BY000ND	Not suited
013	Lm	Letcher-Embden-Miranda complex	Letcher	35	G053BY800ND	Claypan
013	Lm	Letcher-Embden-Miranda complex	Embden	30	G053BY120ND	Droughty Loam
013	Lm	Letcher-Embden-Miranda complex	Miranda	20	G053BY000ND	Not suited
013	Na	Nahon-Aberdeen-Exline silt loams	Nahon	50	G053BY800ND	Claypan
013	Na	Nahon-Aberdeen-Exline silt loams	Aberdeen	20	G053BY210ND	Clayey Subsoil
013	Na	Nahon-Aberdeen-Exline silt loams	Exline	15	G053BY000ND	Not suited
013	NeA	Niobell-Noonan-Williams loams, 1 to 4 percent slopes	Niobell	40	G053BY210ND	Clayey Subsoil
013	NeA	Niobell-Noonan-Williams loams, 1 to 4 percent slopes	Noonan	30	G053BY800ND	Claypan
013	NeA	Niobell-Noonan-Williams loams, 1 to 4 percent slopes	Williams	20	G053BY100ND	Loam
013	Ng	Nishon silt loam	Nishon	90	G053BY900ND	Wet
013	Nh	Nishon-Heil silt loams	Nishon	50	G053BY900ND	Wet
013	Nh	Nishon-Heil silt loams	Heil	40	G053BY000ND	Not suited
013	No	Noonan-Niobell-Miranda loams	Noonan	35	G053BY800ND	Claypan
013	No	Noonan-Niobell-Miranda loams	Niobell	30	G053BY210ND	Clayey Subsoil
013	No	Noonan-Niobell-Miranda loams	Miranda	20	G053BY000ND	Not suited
013	Ra	Ranslo silty clay loam	Ranslo	85	G053BY800ND	Claypan
013	Rc	Ranslo-Harriet loams	Ranslo	45	G053BY800ND	Claypan
013	Rc	Ranslo-Harriet loams	Harriet	40	G053BY000ND	Not suited
013	TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	G053BY120ND	Droughty Loam
013	TeB	Tally-Letcher fine sandy loams, 1 to 6 percent slopes	Tally	55	G053BY120ND	Droughty Loam
013	TeB	Tally-Letcher fine sandy loams, 1 to 6 percent slopes	Letcher	30	G053BY800ND	Claypan
013	VzC	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	G053BY100ND	Loam
013	VzC	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	25	G053BY400ND	Limy Upland
013	VzE	Vida-Zahl loams, 9 to 25 percent slopes	Vida	55	G053BY109ND	Steep Loam
013	VzE	Vida-Zahl loams, 9 to 25 percent slopes	Zahl	25	G053BY400ND	Limy Upland
013	WaB	Williams loam, 2 to 6 percent slopes	Williams	85	G053BY100ND	Loam
013	WbA	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	60	G053BY100ND	Loam
013	WbA	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	25	G053BY500ND	Overflow
013	WbB	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	G053BY100ND	Loam
013	WbB	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	25	G053BY500ND	Overflow
013	WdA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
013	WdA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Bowbells	20	G053BY500ND	Overflow
013	WdA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Tonka	15	G053BY900ND	Wet
013	WdB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Williams	50	G053BY100ND	Loam
013	WdB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Bowbells	20	G053BY500ND	Overflow
013	WdB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Tonka	15	G053BY900ND	Wet

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
013	WfA	Williams-Cavour loams, 0 to 3 percent slopes	Williams	55	G053BY100ND	Loam
013	WfA	Williams-Cavour loams, 0 to 3 percent slopes	Cavour	25	G053BY800ND	Claypan
013	WfB	Williams-Cavour loams, 3 to 6 percent slopes	Williams	55	G053BY100ND	Loam
013	WfB	Williams-Cavour loams, 3 to 6 percent slopes	Cavour	25	G053BY800ND	Claypan
013	WhA	Williams-Cresbard-Tonka complex, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
013	WhA	Williams-Cresbard-Tonka complex, 0 to 3 percent slopes	Cresbard	20	G053BY210ND	Clayey Subsoil
013	WhA	Williams-Cresbard-Tonka complex, 0 to 3 percent slopes	Tonka	15	G053BY900ND	Wet
013	WhB	Williams-Cresbard-Tonka complex, 0 to 6 percent slopes	Williams	50	G053BY100ND	Loam
013	WhB	Williams-Cresbard-Tonka complex, 0 to 6 percent slopes	Cresbard	20	G053BY210ND	Clayey Subsoil
013	WhB	Williams-Cresbard-Tonka complex, 0 to 6 percent slopes	Tonka	15	G053BY900ND	Wet
013	WnB	Williams-Niobell loams, 1 to 6 percent slopes	Williams	55	G053BY100ND	Loam
013	WnB	Williams-Niobell loams, 1 to 6 percent slopes	Niobell	30	G053BY210ND	Clayey Subsoil
013	WrD	Williams-Vida loams, 6 to 15 percent slopes	Williams	50	G053BY100ND	Loam
013	WrD	Williams-Vida loams, 6 to 15 percent slopes	Vida	35	G053BY100ND	Loam
013	WsC	Williams-Zahl-Bowbells loams, 1 to 9 percent slopes	Williams	40	G053BY100ND	Loam
013	WsC	Williams-Zahl-Bowbells loams, 1 to 9 percent slopes	Zahl	25	G053BY400ND	Limy Upland
013	WsC	Williams-Zahl-Bowbells loams, 1 to 9 percent slopes	Bowbells	20	G053BY500ND	Overflow
013	ZaD	Zahl-Embden-Wabek variant complex, 3 to 15 percent slopes	Zahl	45	G053BY400ND	Limy Upland
013	ZaD	Zahl-Embden-Wabek variant complex, 3 to 15 percent slopes	Embden	25	G053BY120ND	Droughty Loam
013	ZaD	Zahl-Embden-Wabek variant complex, 3 to 15 percent slopes	Wabek	15	G053BY000ND	Not suited
013	ZdE	Zahl-Kloten-Edgeley complex, 9 to 35 percent slopes	Zahl	40	G053BY000ND	Not suited
013	ZdE	Zahl-Kloten-Edgeley complex, 9 to 35 percent slopes	Kloten	25	G053BY000ND	Not suited
013	ZdE	Zahl-Kloten-Edgeley complex, 9 to 35 percent slopes	Edgeley	20	G053BY000ND	Not suited
021	13A	Tally fine sandy loam, 0 to 3 percent slopes	Tally	90	G053BY120ND	Droughty Loam
021	13B	Tally fine sandy loam, 3 to 6 percent slopes	Tally	85	G053BY120ND	Droughty Loam
021	13C	Tally fine sandy loam, 6 to 9 percent slopes	Tally	85	G053BY120ND	Droughty Loam
021	15	Harriet silt loam	Harriet	90	G053BY000ND	Not suited
021	16	Egas silty clay loam	Egas	90	G053BY000ND	Not suited
021	17	Hecla loamy sand	Hecla	85	G053BY300ND	Sand
021	18	Parshall fine sandy loam	Parshall	85	G053BY100ND	Loam
021	19	Heil silt loam	Heil	95	G053BY000ND	Not suited
021	1A	Bowbells loam	Bowbells	85	G053BY500ND	Overflow
021	2	Grail silty clay loam	Grail	85	G053BY210ND	Clayey Subsoil
021	21A	Linton-Grassna silt loams, 0 to 3 percent slopes	Linton	40	G053BY100ND	Loam
021	21A	Linton-Grassna silt loams, 0 to 3 percent slopes	Grassna	35	G053BY500ND	Overflow
021	21B	Linton silt loam, 3 to 6 percent slopes	Linton	85	G053BY100ND	Loam
021	21C	Linton-Sutley silt loams, 6 to 9 percent slopes	Linton	50	G053BY100ND	Loam
021	21C	Linton-Sutley silt loams, 6 to 9 percent slopes	Sutley	35	G053BY400ND	Limy Upland
021	22B	Linton-Sutley silt loams, 2 to 6 percent slopes	Linton	55	G053BY100ND	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
021	22B	Linton-Sutley silt loams, 2 to 6 percent slopes	Sutley	30	G053BY400ND	Limy Upland
021	22C	Linton silt loam, 6 to 9 percent slopes	Linton	85	G053BY100ND	Loam
021	24A	Yecross loamy sand, 0 to 6 percent slopes	Yecross	85	G053BY300ND	Sand
021	24C	Yecross loamy sand, 6 to 15 percent slopes	Yecross	85	G053BY300ND	Sand
021	27B	Maddock loamy fine sand, 0 to 6 percent slopes	Maddock	90	G053BY300ND	Sand
021	27C	Maddock loamy fine sand, 6 to 12 percent slopes	Maddock	85	G053BY300ND	Sand
021	28	Wyndmere fine sandy loam, 0 to 3 percent slopes	Wyndmere	90	G053BY700ND	Subirrigated
021	29	Vallers loam	Vallers	85	G053BY900ND	Wet
021	30	Parnell silty clay loam, ponded	Parnell	90	G053BY000ND	Not suited
021	34A	Bowdle loam, 0 to 3 percent slopes	Bowdle	85	G053BY120ND	Droughty Loam
021	34B	Bowdle loam, 3 to 6 percent slopes	Bowdle	85	G053BY120ND	Droughty Loam
021	36B	Lehr-Wabek loams, 2 to 6 percent slopes	Lehr	55	G053BY130ND	Very Droughty Loam
021	36B	Lehr-Wabek loams, 2 to 6 percent slopes	Wabek	35	G053BY003ND	Very Shallow To Grav
021	36B	Lehr-Wabek loams, 2 to 6 percent slopes	Bowbells	4	G053BY100ND	Loam
021	38	Parnell silty clay loam	Parnell	90	G053BY000ND	Not suited
021	4	Grassna silt loam	Grassna	85	G053BY500ND	Overflow
021	5	Williams-Noonan loams, 0 to 4 percent slopes	Williams	45	G053BY100ND	Loam
021	5	Williams-Noonan loams, 0 to 4 percent slopes	Noonan	30	G053BY800ND	Claypan
021	51	Tonka silt loam	Tonka	85	G053BY900ND	Wet
021	52A	Lehr loam, 0 to 3 percent slopes	Lehr	90	G053BY130ND	Very Droughty Loam
021	52B	Lehr loam, 3 to 6 percent slopes	Lehr	85	G053BY130ND	Very Droughty Loam
021	53D	Wabek-Lehr loams, 6 to 15 percent slopes	Wabek	50	G053BY000ND	Not suited
021	53D	Wabek-Lehr loams, 6 to 15 percent slopes	Lehr	40	G053BY130ND	Very Droughty Loam
021	53E	Wabek loam, 9 to 25 percent slopes	Wabek	85	G053BY000ND	Not suited
021	54	Divide loam, 0 to 4 percent slopes	Divide	85	G053BY700ND	Subirrigated
021	56	Regan silt loam	Regan	85	G053BY000ND	Not suited
021	57A	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
021	57A	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	35	G053BY500ND	Overflow
021	57B	Williams-Bowbells loams, 3 to 6 percent slopes	Williams	50	G053BY100ND	Loam
021	57B	Williams-Bowbells loams, 3 to 6 percent slopes	Bowbells	35	G053BY100ND	Loam
021	57C	Williams-Vida loams, 6 to 9 percent slopes	Williams	50	G053BY100ND	Loam
021	57C	Williams-Vida loams, 6 to 9 percent slopes	Vida	35	G053BY100ND	Loam
021	58B	Williams-Vida loams, 3 to 6 percent slopes	Williams	50	G053BY100ND	Loam
021	58B	Williams-Vida loams, 3 to 6 percent slopes	Vida	35	G053BY100ND	Loam
021	59D	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	G053BY100ND	Loam
021	59D	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	35	G053BY400ND	Limy Upland
021	61E	Zahl-Vida loams, 9 to 30 percent slopes	Zahl	45	G053BY400ND	Limy Upland
021	61E	Zahl-Vida loams, 9 to 30 percent slopes	Vida	40	G053BY109ND	Steep Loam
021	62	Vida very stony loam, 3 to 15 percent slopes	Vida	85	G053BY000ND	Not suited
021	65B	Bryant-Sutley silt loams, 2 to 6 percent slopes	Bryant	55	G053BY100ND	Loam
021	65B	Bryant-Sutley silt loams, 2 to 6 percent slopes	Sutley	30	G053BY400ND	Limy Upland
021	65C	Bryant-Sutley silt loams, 6 to 9 percent slopes	Bryant	45	G053BY100ND	Loam
021	65C	Bryant-Sutley silt loams, 6 to 9 percent slopes	Sutley	40	G053BY400ND	Limy Upland
021	65D	Sutley-Linton silt loams, 9 to 15 percent slopes	Sutley	45	G053BY400ND	Limy Upland
021	65D	Sutley-Linton silt loams, 9 to 15 percent slopes	Linton	40	G053BY100ND	Loam
021	66	Arveson fine sandy loam	Arveson	85	G053BY900ND	Wet
021	67A	Farnuf loam, 0 to 3 percent slopes	Farnuf	85	G053BY100ND	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
021	67B	Farnuf loam, 3 to 6 percent slopes	Farnuf	85	G053BY100ND	Loam
021	68A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Bryant	45	G053BY100ND	Loam
021	68A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Grassna	40	G053BY500ND	Overflow
021	68B	Bryant silt loam, 3 to 6 percent slopes	Bryant	90	G053BY100ND	Loam
021	68C	Bryant silt loam, 6 to 9 percent slopes	Bryant	85	G053BY100ND	Loam
021	71	Ranslo-Harriet silt loams	Ranslo	55	G053BY800ND	Claypan
021	71	Ranslo-Harriet silt loams	Harriet	30	G053BY000ND	Not suited
021	72	Straw loam, channeled	Straw	85	G053BY100ND	Loam
021	77	Pits, gravel	Orthents	99	G053BY000ND	Not suited
021	7A	Hamerly silt loam, 0 to 3 percent slopes	Hamerly	85	G053BY700ND	Subirrigated
021	7B	Hamerly silt loam, 3 to 6 percent slopes	Hamerly	90	G053BY700ND	Subirrigated
021	80	Ranslo silt loam	Ranslo	90	G053BY800ND	Claypan
021	9C	Seroco loamy fine sand, 2 to 15 percent slopes	Seroco	90	G053BY300ND	Sand
021	9E	Seroco-Dune land complex	Seroco	45	G053BY000ND	Not suited
021	9E	Seroco-Dune land complex	Dune land	35	G053BY000ND	Not suited
045	Ba	Bearden loam	Bearden	85	G053BY700ND	Subirrigated
045	Bc	Bowbells-Cresbard loams	Bowbells	50	G053BY500ND	Overflow
045	Bc	Bowbells-Cresbard loams	Cresbard	30	G053BY210ND	Clayey Subsoil
045	BoA	Bowdle loam, 0 to 2 percent slopes	Bowdle	85	G053BY120ND	Droughty Loam
045	BoB	Bowdle loam, 2 to 6 percent slopes	Bowdle	90	G053BY120ND	Droughty Loam
045	BrA	Bryant loam, 0 to 2 percent slopes	Bryant	79	G053BY100ND	Loam
045	BrB	Bryant loam, 2 to 6 percent slopes	Bryant	82	G053BY100ND	Loam
045	BrC	Bryant loam, 6 to 9 percent slopes	Bryant	85	G053BY100ND	Loam
045	BvA	Bryant loam, sand substratum, 1 to 3 percent slopes	Bryant	80	G053BY100ND	Loam
045	BxB	Bryant-Grassna loams, 2 to 6 percent slopes	Bryant	55	G053BY100ND	Loam
045	BxB	Bryant-Grassna loams, 2 to 6 percent slopes	Grassna	25	G053BY100ND	Loam
045	Dv	Divide loam	Divide	90	G053BY700ND	Subirrigated
045	EdE	Edgeley loam, 6 to 20 percent slopes	Edgeley	80	G053BY000ND	Not suited
045	Gr	Grassna loam	Grassna	90	G053BY500ND	Overflow
045	He	Heil silt loam	Heil	85	G053BY000ND	Not suited
045	LeA	Lehr loam, 0 to 3 percent slopes	Lehr	80	G053BY130ND	Very Droughty Loam
045	LeB	Lehr loam, 3 to 6 percent slopes	Lehr	80	G053BY130ND	Very Droughty Loam
045	LhB	Lehr-Bowdle loams, 0 to 6 percent slopes	Lehr	50	G053BY130ND	Very Droughty Loam
045	LhB	Lehr-Bowdle loams, 0 to 6 percent slopes	Bowdle	30	G053BY120ND	Droughty Loam
045	Lt	Letcher fine sandy loam	Letcher	90	G053BY800ND	Claypan
045	Lv	La Prairie, Channeled, and Ranslo soils	La Prairie	50	G053BY500ND	Overflow
045	Lv	La Prairie, Channeled, and Ranslo soils	Ranslo	44	G053BY800ND	Claypan
045	Mb	Parnell, ponded	Parnell	95	G053BY000ND	Not suited
045	MdA	Mondamin silty clay loam, 0 to 2 percent slopes	Mondamin	82	G053BY210ND	Clayey Subsoil
045	MdB	Mondamin silty clay loam, 2 to 6 percent slopes	Mondamin	80	G053BY210ND	Clayey Subsoil
045	Mh	Mondamin-Heil silty clay loams	Mondamin	55	G053BY210ND	Clayey Subsoil
045	Mh	Mondamin-Heil silty clay loams	Heil	25	G053BY000ND	Not suited
045	NmA	Niobell-Miranda loams, 0 to 3 percent slopes	Niobell	42	G053BY210ND	Clayey Subsoil
045	NmA	Niobell-Miranda loams, 0 to 3 percent slopes	Miranda	30	G053BY000ND	Not suited
045	NpB	Niobell-Noonan loams, 1 to 5 percent slopes	Niobell	35	G053BY210ND	Clayey Subsoil
045	NpB	Niobell-Noonan loams, 1 to 5 percent slopes	Noonan	30	G053BY800ND	Claypan
045	Or	Orthents, loamy	Orthents	95	G053BY000ND	Not suited

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
045	Pa	Parnell silty clay loam	Parnell	85	G053BY000ND	Not suited
045	Rh	Ranslo-Harriet silt loams	Ranslo	45	G053BY800ND	Claypan
045	Rh	Ranslo-Harriet silt loams	Harriet	40	G053BY000ND	Not suited
045	Rn	Regan silt loam	Regan	82	G053BY900ND	Wet
045	Sp	Spottswood loam	Spottswood	85	G053BY500ND	Overflow
045	TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	G053BY120ND	Droughty Loam
045	TbB	Temvik-Bryant loams, 2 to 6 percent slopes	Temvik	50	G053BY100ND	Loam
045	TbB	Temvik-Bryant loams, 2 to 6 percent slopes	Bryant	35	G053BY100ND	Loam
045	TgB	Temvik-Grassna loams, 3 to 6 percent slopes	Temvik	50	G053BY100ND	Loam
045	TgB	Temvik-Grassna loams, 3 to 6 percent slopes	Grassna	30	G053BY100ND	Loam
045	TgC	Temvik-Grassna loams, 6 to 9 percent slopes	Temvik	50	G053BY100ND	Loam
045	TgC	Temvik-Grassna loams, 6 to 9 percent slopes	Grassna	25	G053BY100ND	Loam
045	Tn	Tonka-Nishon silt loams	Tonka	50	G053BY900ND	Wet
045	Tn	Tonka-Nishon silt loams	Nishon	40	G053BY900ND	Wet
045	VdC	Vida extremely stony loam, 3 to 15 percent slopes	Vida	90	G053BY000ND	Not suited
045	VwC	Vida-Williams loams, 6 to 15 percent slopes	Vida	45	G053BY100ND	Loam
045	VwC	Vida-Williams loams, 6 to 15 percent slopes	Williams	35	G053BY100ND	Loam
045	VzE	Vida-Zahill loams, 15 to 25 percent slopes	Vida	45	G053BY109ND	Steep Loam
045	VzE	Vida-Zahill loams, 15 to 25 percent slopes	Zahill	30	G053BY400ND	Limy Upland
045	WaD	Wabek loam, 6 to 20 percent slopes	Wabek	90	G053BY000ND	Not suited
045	WbC	Wabek-Bowdle loams, 6 to 15 percent slopes	Bowdle	35	G053BY120ND	Droughty Loam
045	WbC	Wabek-Bowdle loams, 6 to 15 percent slopes	Wabek	35	G053BY000ND	Not suited
045	WnB	Williams-Bowbells loams, 3 to 6 percent slopes	Williams	65	G053BY100ND	Loam
045	WnB	Williams-Bowbells loams, 3 to 6 percent slopes	Bowbells	20	G053BY100ND	Loam
045	WnC	Williams-Bowbells loams, 6 to 9 percent slopes	Williams	60	G053BY100ND	Loam
045	WnC	Williams-Bowbells loams, 6 to 9 percent slopes	Bowbells	20	G053BY100ND	Loam
045	WtA	Williams-Bowbells-Nishon complex, 0 to 2 percent slopes	Williams	50	G053BY100ND	Loam
045	WtA	Williams-Bowbells-Nishon complex, 0 to 2 percent slopes	Bowbells	25	G053BY500ND	Overflow
045	WtA	Williams-Bowbells-Nishon complex, 0 to 2 percent slopes	Nishon	15	G053BY900ND	Wet
045	WtB	Williams-Bowbells-Nishon complex, 2 to 6 percent slopes	Williams	50	G053BY100ND	Loam
045	WtB	Williams-Bowbells-Nishon complex, 2 to 6 percent slopes	Bowbells	20	G053BY500ND	Overflow
045	WvC	Williams-Bowbells-Parnell complex, 6 to 9 percent slope s	Williams	45	G053BY100ND	Loam
045	WvC	Williams-Bowbells-Parnell complex, 6 to 9 percent slope s	Bowbells	20	G053BY100ND	Loam
049	Bb	Bowbells loam	Bowbells	80	G053BY500ND	Overflow
049	BoA	Bowdle loam, 0 to 3 percent slopes	Bowdle	90	G053BY120ND	Droughty Loam
049	BrA	Bryant-Grassna silt loams, 0 to 2 percent slopes	Bryant	65	G053BY100ND	Loam
049	BrA	Bryant-Grassna silt loams, 0 to 2 percent slopes	Grassna	20	G053BY500ND	Overflow
049	BrB	Bryant-Grassna silt loams, 2 to 6 percent slopes	Bryant	60	G053BY100ND	Loam
049	BrB	Bryant-Grassna silt loams, 2 to 6 percent slopes	Grassna	25	G053BY100ND	Loam
049	He	Heil silt loam	Heil	90	G053BY000ND	Not suited
049	La	La Prairie loam	La Prairie	80	G053BY100ND	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
049	Lb	La Prairie loam, channeled	La Prairie	80	G053BY500ND	Overflow
049	LeA	Lehr loam, 0 to 3 percent slopes	Lehr	90	G053BY130ND	Very Droughty Loam
049	LeB	Lehr loam, 3 to 6 percent slopes	Lehr	90	G053BY130ND	Very Droughty Loam
049	MaA	Ruso sandy loam, 0 to 3 percent slopes	Ruso	90	G053BY130ND	Very Droughty Loam
049	MbA	Manning variant loam, 0 to 3 percent slopes	Manning	90	G053BY130ND	Very Droughty Loam
049	MoA	Mondamin silty clay loam, 0 to 2 percent slopes	Mondamin	85	G053BY210ND	Clayey Subsoil
049	MoB	Mondamin silty clay loam, 2 to 6 percent slopes	Mondamin	85	G053BY210ND	Clayey Subsoil
049	NaA	Niobell-Noonan loams, 0 to 3 percent slopes	Niobell	40	G053BY210ND	Clayey Subsoil
049	NaA	Niobell-Noonan loams, 0 to 3 percent slopes	Noonan	30	G053BY800ND	Claypan
049	Nn	Nishon silt loam	Nishon	90	G053BY900ND	Wet
049	Pa	Parnell silty clay loam	Parnell	90	G053BY000ND	Not suited
049	Pp	Parnell silty clay loam, ponded	Parnell	90	G053BY000ND	Not suited
049	Pt	Pits, gravel	Orthents	99	G053BY000ND	Not suited
049	RaA	Raber-Cavo complex, 0 to 2 percent slopes	Raber	54	G053BY210ND	Clayey Subsoil
049	RaA	Raber-Cavo complex, 0 to 2 percent slopes	Cavo	30	G053BY800ND	Claypan
049	RaB	Raber-Cavo complex, 2 to 6 percent slopes	Raber	54	G053BY210ND	Clayey Subsoil
049	RaB	Raber-Cavo complex, 2 to 6 percent slopes	Cavo	30	G053BY800ND	Claypan
049	Rh	Ranslo-Harriet silt loams	Ranslo	50	G053BY800ND	Claypan
049	Rh	Ranslo-Harriet silt loams	Harriet	35	G053BY000ND	Not suited
049	TaA	Tally fine sandy loam, 0 to 2 percent slopes	Tally	80	G053BY120ND	Droughty Loam
049	TaB	Tally fine sandy loam, 2 to 6 percent slopes	Tally	80	G053BY120ND	Droughty Loam
049	Tn	Tonka-Nishon silt loams	Tonka	55	G053BY900ND	Wet
049	Tn	Tonka-Nishon silt loams	Nishon	40	G053BY900ND	Wet
049	VaC	Vida-Williams very stony loams, 2 to 9 percent slopes	Vida	50	G053BY000ND	Not suited
049	VaC	Vida-Williams very stony loams, 2 to 9 percent slopes	Williams	30	G053BY000ND	Not suited
049	VdC	Vida-Williams-Bowbells loams, 2 to 9 percent slopes	Vida	35	G053BY100ND	Loam
049	VdC	Vida-Williams-Bowbells loams, 2 to 9 percent slopes	Williams	25	G053BY100ND	Loam
049	VdC	Vida-Williams-Bowbells loams, 2 to 9 percent slopes	Bowbells	20	G053BY100ND	Loam
049	WnA	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	60	G053BY100ND	Loam
049	WnA	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	25	G053BY500ND	Overflow
049	WnB	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	G053BY100ND	Loam
049	WnB	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	20	G053BY100ND	Loam
049	WoA	Williams-Bowbells-Nishon complex, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
049	WoA	Williams-Bowbells-Nishon complex, 0 to 3 percent slopes	Bowbells	20	G053BY500ND	Overflow
049	WoA	Williams-Bowbells-Nishon complex, 0 to 3 percent slopes	Nishon	15	G053BY900ND	Wet
049	WoB	Williams-Bowbells-Nishon complex, 1 to 6 percent slopes	Williams	40	G053BY100ND	Loam
049	WoB	Williams-Bowbells-Nishon complex, 1 to 6 percent slopes	Bowbells	20	G053BY100ND	Loam
049	WoB	Williams-Bowbells-Nishon complex, 1 to 6 percent slopes	Nishon	20	G053BY900ND	Wet
049	WpA	Williams-Bowbells-Noonan loams, 0 to 3 percent slopes	Williams	55	G053BY100ND	Loam
049	WpA	Williams-Bowbells-Noonan loams, 0 to 3 percent slopes	Bowbells	15	G053BY500ND	Overflow

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
049	WpA	Williams-Bowbells-Noonan loams, 0 to 3 percent slopes	Noonan	15	G053BY800ND	Claypan
049	WpB	Williams-Bowbells-Noonan loams, 1 to 6 percent slopes	Williams	50	G053BY100ND	Loam
049	WpB	Williams-Bowbells-Noonan loams, 1 to 6 percent slopes	Bowbells	20	G053BY100ND	Loam
049	WpB	Williams-Bowbells-Noonan loams, 1 to 6 percent slopes	Noonan	15	G053BY800ND	Claypan
049	WvB	Williams-Bowbells-Vida loams, 1 to 6 percent slopes	Williams	50	G053BY100ND	Loam
049	WvB	Williams-Bowbells-Vida loams, 1 to 6 percent slopes	Bowbells	20	G053BY100ND	Loam
049	WvB	Williams-Bowbells-Vida loams, 1 to 6 percent slopes	Vida	15	G053BY100ND	Loam
049	WwB	Williams-Niobell-Noonan loams, 3 to 6 percent slopes	Williams	45	G053BY100ND	Loam
049	WwB	Williams-Niobell-Noonan loams, 3 to 6 percent slopes	Niobell	20	G053BY210ND	Clayey Subsoil
049	WwB	Williams-Niobell-Noonan loams, 3 to 6 percent slopes	Noonan	15	G053BY800ND	Claypan
049	WxC	Williams-Vida-Bowbells stony loams, 2 to 9 percent slopes	Williams	40	G053BY000ND	Not suited
049	WxC	Williams-Vida-Bowbells stony loams, 2 to 9 percent slopes	Bowbells	20	G053BY000ND	Not suited
049	WxC	Williams-Vida-Bowbells stony loams, 2 to 9 percent slopes	Vida	20	G053BY000ND	Not suited
049	WzD	Williams-Zahill-Bowbells loams, 2 to 15 percent slopes	Williams	40	G053BY100ND	Loam
049	WzD	Williams-Zahill-Bowbells loams, 2 to 15 percent slopes	Zahill	25	G053BY400ND	Limy Upland
049	WzD	Williams-Zahill-Bowbells loams, 2 to 15 percent slopes	Bowbells	20	G053BY100ND	Loam
049	ZaE	Zahill loam, 15 to 40 percent slopes	Zahill	80	G053BY000ND	Not suited
049	ZcE	Zahill very stony loam, 6 to 25 percent slopes	Zahill	80	G053BY000ND	Not suited
049	ZlD	Zahill-La Prairie complex, 2 to 25 percent slopes	Zahill	45	G053BY400ND	Limy Upland
049	ZlD	Zahill-La Prairie complex, 2 to 25 percent slopes	La Prairie	30	G053BY500ND	Overflow
089	10	Brantford loam	Brantford	85	G053BY130ND	Very Droughty Loam
089	100	Parnell silty clay loam, ponded	Parnell	90	G053BY000ND	Not suited
089	11A	Bearpaw-Greenway loams, 0 to 3 percent slopes	Bearpaw	50	G053BY210ND	Clayey Subsoil
089	11A	Bearpaw-Greenway loams, 0 to 3 percent slopes	Greenway	35	G053BY210ND	Clayey Subsoil
089	11B	Bearpaw-Greenway loams, 3 to 6 percent slopes	Bearpaw	45	G053BY210ND	Clayey Subsoil
089	11B	Bearpaw-Greenway loams, 3 to 6 percent slopes	Greenway	35	G053BY210ND	Clayey Subsoil
089	14D	Vida extremely stony loam, 3 to 15 percent slopes	Vida	85	G053BY000ND	Not suited
089	15A	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
089	15A	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	30	G053BY500ND	Overflow
089	15B	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	G053BY100ND	Loam
089	15B	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	20	G053BY500ND	Overflow
089	15C	Williams-Bowbells loams, 2 to 9 percent slopes	Williams	55	G053BY100ND	Loam
089	15C	Williams-Bowbells loams, 2 to 9 percent slopes	Bowbells	25	G053BY100ND	Loam
089	16A	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
089	16A	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Bowbells	20	G053BY500ND	Overflow
089	16A	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Tonka	15	G053BY900ND	Wet
089	16B	Williams-Bowbells-Tonka complex, 1 to 6 percent slopes	Williams	45	G053BY100ND	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
089	16B	Williams-Bowbells-Tonka complex, 1 to 6 percent slopes	Bowbells	20	G053BY100ND	Loam
089	16B	Williams-Bowbells-Tonka complex, 1 to 6 percent slopes	Tonka	15	G053BY900ND	Wet
089	16C	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Williams	45	G053BY100ND	Loam
089	16C	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Bowbells	20	G053BY100ND	Loam
089	16C	Williams-Bowbells-Parnell complex, 1 to 9 percent slopes	Parnell	15	G053BY000ND	Not suited
089	17B	Vida-Williams loams, 3 to 6 percent slopes	Vida	45	G053BY100ND	Loam
089	17B	Vida-Williams loams, 3 to 6 percent slopes	Williams	40	G053BY100ND	Loam
089	17C	Vida-Williams-Bowbells loams, 2 to 15 percent slopes	Vida	40	G053BY100ND	Loam
089	17C	Vida-Williams-Bowbells loams, 2 to 15 percent slopes	Williams	30	G053BY100ND	Loam
089	17C	Vida-Williams-Bowbells loams, 2 to 15 percent slopes	Bowbells	20	G053BY100ND	Loam
089	17D	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	G053BY100ND	Loam
089	17D	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	25	G053BY400ND	Limy Upland
089	17E	Vida-Zahill loams, 15 to 25 percent slopes	Vida	45	G053BY109ND	Steep Loam
089	17E	Vida-Zahill loams, 15 to 25 percent slopes	Zahill	35	G053BY400ND	Limy Upland
089	18A	Williams-Niobell loams, 0 to 3 percent slopes	Williams	55	G053BY100ND	Loam
089	18A	Williams-Niobell loams, 0 to 3 percent slopes	Niobell	30	G053BY210ND	Clayey Subsoil
089	20A	Lehr loam, 0 to 3 percent slopes	Lehr	90	G053BY130ND	Very Droughty Loam
089	20B	Lehr loam, 3 to 6 percent slopes	Lehr	85	G053BY130ND	Very Droughty Loam
089	22A	Niobell-Miranda loams, 0 to 3 percent slopes	Niobell	45	G053BY210ND	Clayey Subsoil
089	22A	Niobell-Miranda loams, 0 to 3 percent slopes	Miranda	30	G053BY000ND	Not suited
089	23A	Noonan variant loam, 0 to 2 percent slopes	Noonan	85	G053BY800ND	Claypan
089	24A	Niobell-Noonan loams, 1 to 5 percent slopes	Niobell	45	G053BY210ND	Clayey Subsoil
089	24A	Niobell-Noonan loams, 1 to 5 percent slopes	Noonan	35	G053BY800ND	Claypan
089	25	Miranda-Heil complex	Miranda	55	G053BY000ND	Not suited
089	25	Miranda-Heil complex	Heil	30	G053BY000ND	Not suited
089	26	Cresbard-Cavour loams	Cresbard	50	G053BY210ND	Clayey Subsoil
089	26	Cresbard-Cavour loams	Cavour	35	G053BY800ND	Claypan
089	27B	Lehr-Bowdle loams, 0 to 6 percent slopes	Lehr	55	G053BY130ND	Very Droughty Loam
089	27B	Lehr-Bowdle loams, 0 to 6 percent slopes	Bowdle	35	G053BY120ND	Droughty Loam
089	29	Exline-Harmony complex	Exline	55	G053BY000ND	Not suited
089	29	Exline-Harmony complex	Harmony	35	G053BY210ND	Clayey Subsoil
089	30	Letcher-Parshall loams, 0 to 4 percent slopes	Letcher	40	G053BY800ND	Claypan
089	30	Letcher-Parshall loams, 0 to 4 percent slopes	Parshall	35	G053BY100ND	Loam
089	31	Harmony silty clay loam	Harmony	85	G053BY210ND	Clayey Subsoil
089	32	Harmony-Exline complex	Harmony	55	G053BY210ND	Clayey Subsoil
089	32	Harmony-Exline complex	Exline	30	G053BY000ND	Not suited
089	37	Straw loam, channeled	Straw	85	G053BY100ND	Loam
089	38	Regan silt loam	Regan	85	G053BY900ND	Wet
089	3A	Bowdle loam, 0 to 3 percent slopes	Bowdle	85	G053BY120ND	Droughty Loam
089	3B	Bowdle loam, 3 to 6 percent slopes	Bowdle	85	G053BY120ND	Droughty Loam
089	40A	Mondamin silty clay loam, 0 to 3 percent slopes	Mondamin	85	G053BY210ND	Clayey Subsoil
089	40B	Mondamin silty clay loam, 3 to 6 percent slopes	Mondamin	85	G053BY210ND	Clayey Subsoil

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
089	43C	Wabek-Bowdle complex, 3 to 15 percent slopes	Wabek	50	G053BY000ND	Not suited
089	43C	Wabek-Bowdle complex, 3 to 15 percent slopes	Bowdle	40	G053BY120ND	Droughty Loam
089	44D	Wabek gravelly loam, 6 to 20 percent slopes	Wabek	85	G053BY000ND	Not suited
089	45B	Wabek-Lehr complex, 2 to 9 percent slopes	Wabek	50	G053BY000ND	Not suited
089	45B	Wabek-Lehr complex, 2 to 9 percent slopes	Lehr	30	G053BY130ND	Very Droughty Loam
089	52B	Lihen-Parshall fine sandy loams, 0 to 6 percent slopes	Lihen	50	G053BY130ND	Very Droughty Loam
089	52B	Lihen-Parshall fine sandy loams, 0 to 6 percent slopes	Parshall	30	G053BY100ND	Loam
089	52D	Lihen loamy fine sand, 6 to 20 percent slopes	Lihen	85	G053BY000ND	Not suited
089	54B	Tansem-Roseglen loams, 2 to 6 percent slopes	Tansem	55	G053BY100ND	Loam
089	54B	Tansem-Roseglen loams, 2 to 6 percent slopes	Roseglen	30	G053BY100ND	Loam
089	55A	Parshall-Tally fine sandy loams, 0 to 3 percent slopes	Parshall	45	G053BY100ND	Loam
089	55A	Parshall-Tally fine sandy loams, 0 to 3 percent slopes	Tally	35	G053BY120ND	Droughty Loam
089	55B	Tally fine sandy loam, 2 to 6 percent slopes	Tally	85	G053BY120ND	Droughty Loam
089	56D	Tansem variant loam, 9 to 15 percent slopes	Tansem	85	G053BY400ND	Limy Upland
089	57A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Bryant	55	G053BY100ND	Loam
089	57A	Bryant-Grassna silt loams, 0 to 3 percent slopes	Grassna	25	G053BY500ND	Overflow
089	57B	Bryant-Grassna silt loams, 1 to 6 percent slopes	Bryant	55	G053BY100ND	Loam
089	57B	Bryant-Grassna silt loams, 1 to 6 percent slopes	Grassna	25	G053BY500ND	Overflow
089	57C	Bryant silt loam, 6 to 9 percent slopes	Bryant	85	G053BY100ND	Loam
089	58B	Temvik-Grassna-Bearpaw complex, 1 to 6 percent slopes	Temvik	35	G053BY100ND	Loam
089	58B	Temvik-Grassna-Bearpaw complex, 1 to 6 percent slopes	Grassna	30	G053BY500ND	Overflow
089	58B	Temvik-Grassna-Bearpaw complex, 1 to 6 percent slopes	Bearpaw	25	G053BY210ND	Clayey Subsoil
089	5A	Bowbells loam, 0 to 2 percent slopes	Bowbells	85	G053BY500ND	Overflow
089	5B	Bowbells loam, 2 to 6 percent slopes	Bowbells	85	G053BY100ND	Loam
089	6	Arnegard loam	Arnegard	85	G053BY100ND	Loam
089	62	Hamerly loam	Hamerly	85	G053BY700ND	Subirrigated
089	64	Grassna silt loam	Grassna	85	G053BY500ND	Overflow
089	65	Grail silty clay loam	Grail	85	G053BY500ND	Overflow
089	7	Bearden silt loam	Bearden	85	G053BY700ND	Subirrigated
089	72	Ranslo-Harriet loams	Ranslo	45	G053BY800ND	Claypan
089	72	Ranslo-Harriet loams	Harriet	40	G053BY000ND	Not suited
089	75	Tonka-Nishon silt loams	Tonka	50	G053BY900ND	Wet
089	75	Tonka-Nishon silt loams	Nishon	35	G053BY900ND	Wet
089	76	Parnell silty clay loam	Parnell	90	G053BY000ND	Not suited
089	77	Nishon-Heil silt loam	Nishon	50	G053BY900ND	Wet
089	77	Nishon-Heil silt loam	Heil	40	G053BY000ND	Not suited
089	8	Rentill loam	Rentill	85	G053BY120ND	Droughty Loam
089	80	Heil silt loam	Heil	95	G053BY000ND	Not suited
089	82	Stirum loam	Stirum	85	G053BY000ND	Not suited
089	85	Ranslo loam	Ranslo	90	G053BY800ND	Claypan
089	86	Harriet loam	Harriet	90	G053BY000ND	Not suited
089	87	Marysland loam	Marysland	90	G053BY900ND	Wet
089	88	Divide loam	Divide	85	G053BY700ND	Subirrigated
089	97	Regan silt loam, wet	Regan	90	G053BY000ND	Not suited

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
089	98	Vallers silty clay loam	Vallers	85	G053BY900ND	Wet
089	99	Pits, gravel	Orthents	99	G053BY000ND	Not suited
089	9A	Bearpaw loam, 0 to 3 percent slopes	Bearpaw	85	G053BY210ND	Clayey Subsoil
089	9B	Bearpaw loam, 3 to 6 percent slopes	Bearpaw	85	G053BY210ND	Clayey Subsoil
089	9C	Bearpaw loam, 6 to 9 percent slopes	Bearpaw	85	G053BY210ND	Clayey Subsoil
107	Du	Durrstein silt loam	Durrstein	85	G053BY000ND	Not suited
107	GlA	Glenham loam, 0 to 2 percent slopes	Glenham	90	G053BY100ND	Loam
107	GpB	Glenham-Plankinton complex, 0 to 4 percent slopes	Glenham	60	G053BY100ND	Loam
107	GrA	Glenham-Prosper loams, 0 to 3 percent slopes	Glenham	55	G053BY100ND	Loam
107	GrA	Glenham-Prosper loams, 0 to 3 percent slopes	Prosper	35	G053BY500ND	Overflow
107	GrB	Glenham-Prosper loams, 1 to 6 percent slopes	Glenham	65	G053BY100ND	Loam
107	GrB	Glenham-Prosper loams, 1 to 6 percent slopes	Prosper	25	G053BY500ND	Overflow
107	JgB	Java-Glenham loams, 2 to 6 percent slopes	Java	45	G053BY400ND	Limy Upland
107	JgB	Java-Glenham loams, 2 to 6 percent slopes	Glenham	40	G053BY100ND	Loam
107	Wp	Worthing silty clay loam, ponded	Worthing	95	G053BY000ND	Not suited
115	Dq	Dovecreek silt loam, 0 to 2 percent slopes	Dovecreek	90	G053BY500ND	Overflow
115	LrA	Lehr-Bowdle loams, 0 to 3 percent slopes	Lehr	55	G053BY130ND	Very Droughty Loam
115	LrA	Lehr-Bowdle loams, 0 to 3 percent slopes	Bowdle	35	G053BY120ND	Droughty Loam
115	LrB	Lehr-Bowdle loams, 3 to 6 percent slopes	Lehr	60	G053BY130ND	Very Droughty Loam
115	LrB	Lehr-Bowdle loams, 3 to 6 percent slopes	Bowdle	30	G053BY120ND	Droughty Loam
115	MdA	Max-Arnegard loams, 0 to 3 percent slopes	Max	50	G053BY100ND	Loam
115	MdA	Max-Arnegard loams, 0 to 3 percent slopes	Arnegard	40	G053BY500ND	Overflow
115	MdB	Max-Arnegard loams, 1 to 6 percent slopes	Max	60	G053BY100ND	Loam
115	MdB	Max-Arnegard loams, 1 to 6 percent slopes	Arnegard	30	G053BY500ND	Overflow
115	MgB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Max	45	G053BY100ND	Loam
115	MgB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Arnegard	30	G053BY500ND	Overflow
115	MgB	Max-Arnegard-Zahl loams, 1 to 6 percent slopes	Zahl	20	G053BY400ND	Limy Upland
115	MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Max	40	G053BY100ND	Loam
115	MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Niobell	30	G053BY210ND	Clayey Subsoil
115	MnB	Max-Niobell-Noonan loams, 2 to 6 percent slopes	Noonan	20	G053BY800ND	Claypan
115	MxC	Max-Zahl-Arnegard loams, 2 to 9 percent slopes	Max	45	G053BY100ND	Loam
115	MxC	Max-Zahl-Arnegard loams, 2 to 9 percent slopes	Zahl	30	G053BY400ND	Limy Upland
115	MxC	Max-Zahl-Arnegard loams, 2 to 9 percent slopes	Arnegard	20	G053BY100ND	Loam
115	My	Miranda-Heil complex, 0 to 2 percent slopes	Miranda	50	G053BY000ND	Not suited
115	My	Miranda-Heil complex, 0 to 2 percent slopes	Heil	40	G053BY000ND	Not suited
115	Nc	Niobell-Noonan loams, 0 to 2 percent slopes	Niobell	60	G053BY210ND	Clayey Subsoil
115	Nc	Niobell-Noonan loams, 0 to 2 percent slopes	Noonan	30	G053BY800ND	Claypan
115	Nd	Niobell-Noonan-Heil complex, 0 to 2 percent slopes	Niobell	40	G053BY210ND	Clayey Subsoil
115	Nd	Niobell-Noonan-Heil complex, 0 to 2 percent slopes	Noonan	30	G053BY800ND	Claypan
115	Nd	Niobell-Noonan-Heil complex, 0 to 2 percent slopes	Heil	20	G053BY000ND	Not suited
115	NeA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Niobell	40	G053BY210ND	Clayey Subsoil
115	NeA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Noonan	30	G053BY800ND	Claypan
115	NeA	Niobell-Noonan-Max loams, 0 to 3 percent slopes	Max	20	G053BY100ND	Loam
115	Nm	Noonan-Miranda loams, 0 to 2 percent slopes	Noonan	55	G053BY800ND	Claypan
115	Nm	Noonan-Miranda loams, 0 to 2 percent slopes	Miranda	35	G053BY000ND	Not suited
115	Pc	Parshall loams, 0 to 3 percent slopes	Parshall	85	G053BY100ND	Loam
115	Sw	Straw loam, channeled	Straw	85	G053BY500ND	Overflow

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
115	Sx	Straw loam, 0 to 2 percent slopes	Straw	90	G053BY100ND	Loam
115	To	Tonka-Rimlap silt loams, 0 to 1 percent slopes	Tonka	60	G053BY900ND	Wet
115	To	Tonka-Rimlap silt loams, 0 to 1 percent slopes	Rimlap	30	G053BY900ND	Wet
115	WaA	Williams-Bowbells loams, 0 to 3 percent slopes	Williams	50	G053BY100ND	Loam
115	WaA	Williams-Bowbells loams, 0 to 3 percent slopes	Bowbells	40	G053BY500ND	Overflow
115	WaB	Williams-Bowbells loams, 1 to 6 percent slopes	Williams	60	G053BY100ND	Loam
115	WaB	Williams-Bowbells loams, 1 to 6 percent slopes	Bowbells	30	G053BY500ND	Overflow
115	WbA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Williams	45	G053BY100ND	Loam
115	WbA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Bowbells	25	G053BY500ND	Overflow
115	WbA	Williams-Bowbells-Tonka complex, 0 to 3 percent slopes	Tonka	20	G053BY900ND	Wet
115	WbB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Williams	50	G053BY100ND	Loam
115	WbB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Bowbells	25	G053BY500ND	Overflow
115	WbB	Williams-Bowbells-Tonka complex, 0 to 6 percent slopes	Tonka	20	G053BY900ND	Wet
115	WcA	Williams-Niobell loams, 0 to 3 percent slopes	Williams	55	G053BY100ND	Loam
115	WcA	Williams-Niobell loams, 0 to 3 percent slopes	Niobell	30	G053BY210ND	Clayey Subsoil
115	WcB	Williams-Niobell loams, 3 to 6 percent slopes	Williams	60	G053BY100ND	Loam
115	WcB	Williams-Niobell loams, 3 to 6 percent slopes	Niobell	30	G053BY210ND	Clayey Subsoil
115	WdA	Williams-Niobell-Tonka complex, 0 to 3 percent slopes	Williams	45	G053BY100ND	Loam
115	WdA	Williams-Niobell-Tonka complex, 0 to 3 percent slopes	Niobell	25	G053BY210ND	Clayey Subsoil
115	WdA	Williams-Niobell-Tonka complex, 0 to 3 percent slopes	Tonka	20	G053BY900ND	Wet
115	WhD	Williams-Vida loams, 6 to 15 percent slopes	Williams	50	G053BY100ND	Loam
115	WhD	Williams-Vida loams, 6 to 15 percent slopes	Vida	40	G053BY100ND	Loam
115	WmB	Williams-Zahl-Bowbells loams, 1 to 6 percent slopes	Williams	50	G053BY100ND	Loam
115	WmB	Williams-Zahl-Bowbells loams, 1 to 6 percent slopes	Zahl	25	G053BY400ND	Limy Upland
115	WmB	Williams-Zahl-Bowbells loams, 1 to 6 percent slopes	Bowbells	20	G053BY500ND	Overflow
115	WmC	Williams-Zahl-Bowbells loams, 2 to 9 percent slopes	Williams	45	G053BY100ND	Loam
115	WmC	Williams-Zahl-Bowbells loams, 2 to 9 percent slopes	Zahl	30	G053BY400ND	Limy Upland
115	WmC	Williams-Zahl-Bowbells loams, 2 to 9 percent slopes	Bowbells	20	G053BY100ND	Loam
115	ZaE	Zahill loam, 15 to 40 percent slopes	Zahill	85	G053BY000ND	Not suited
115	ZbC	Zahl-Max loams, 6 to 9 percent slopes	Zahl	50	G053BY400ND	Limy Upland
115	ZbC	Zahl-Max loams, 6 to 9 percent slopes	Max	40	G053BY100ND	Loam
115	ZbD	Zahl-Max loams, 9 to 20 percent slopes	Zahl	55	G053BY400ND	Limy Upland
115	ZbD	Zahl-Max loams, 9 to 20 percent slopes	Max	35	G053BY100ND	Loam
129	AgA	Agar silt loam, 0 to 2 percent slopes	Agar	85	G053BY100ND	Loam
129	AgB	Agar silt loam, 2 to 6 percent slopes	Agar	85	G053BY100ND	Loam
129	AgC	Agar silt loam, 6 to 9 percent slopes	Agar	85	G053BY100ND	Loam
129	AkA	Akaska silt loam, 0 to 2 percent slopes	Akaska	90	G053BY120ND	Droughty Loam
129	AkB	Akaska silt loam, 2 to 6 percent slopes	Akaska	85	G053BY120ND	Droughty Loam
129	Ao	Aquolls	Aquolls	95	G053BY000ND	Not suited
129	Ar	Arveson sandy loam, wet	Arveson	85	G053BY900ND	Wet
129	Bn	Bon loam	Bon	90	G053BY500ND	Overflow
129	BoA	Bowbells loam, 0 to 3 percent slopes	Bowbells	85	G053BY100ND	Loam

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
129	BwA	Bowdle loam, 0 to 2 percent slopes	Bowdle	90	G053BY120ND	Droughty Loam
129	BwB	Bowdle loam, 2 to 6 percent slopes	Bowdle	90	G053BY120ND	Droughty Loam
129	BxB	Bowdle-Wabek loams, 2 to 6 percent slopes	Bowdle	55	G053BY120ND	Droughty Loam
129	BxB	Bowdle-Wabek loams, 2 to 6 percent slopes	Wabek	35	G053BY003ND	Very Shallow To Grav
129	BxC	Bowdle-Wabek loams, 6 to 9 percent slopes	Bowdle	50	G053BY120ND	Droughty Loam
129	BxC	Bowdle-Wabek loams, 6 to 9 percent slopes	Wabek	40	G053BY000ND	Not suited
129	BxD	Bowdle-Wabek loams, 9 to 15 percent slopes	Bowdle	50	G053BY120ND	Droughty Loam
129	BxD	Bowdle-Wabek loams, 9 to 15 percent slopes	Wabek	40	G053BY000ND	Not suited
129	Co	Colvin silt loam	Colvin	90	G053BY900ND	Wet
129	DeA	Demky loam, 0 to 2 percent slopes	Demky	85	G053BY210ND	Clayey Subsoil
129	DeB	Demky loam, 2 to 6 percent slopes	Demky	85	G053BY210ND	Clayey Subsoil
129	DgA	Demky-Jerauld complex, 0 to 2 percent slopes	Demky	50	G053BY210ND	Clayey Subsoil
129	DgA	Demky-Jerauld complex, 0 to 2 percent slopes	Jerauld	30	G053BY000ND	Not suited
129	Dm	Divide loam	Divide	85	G053BY700ND	Subirrigated
129	Du	Durrstein silt loam	Durrstein	85	G053BY000ND	Not suited
129	Eg	Egas silty clay loam	Egas	90	G053BY000ND	Not suited
129	GeE	Gettys clay loam, 9 to 40 percent slopes	Gettys	85	G053BY000ND	Not suited
129	Gp	Gravel pits	Orthents	99	G053BY000ND	Not suited
129	HeA	Hecla loamy sand, 0 to 3 percent slopes	Hecla	90	G053BY300ND	Sand
129	HkA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Highmore	50	G053BY100ND	Loam
129	HkA	Highmore-Eakin silt loams, 0 to 2 percent slopes	Eakin	30	G053BY100ND	Loam
129	HkB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Highmore	50	G053BY100ND	Loam
129	HkB	Highmore-Eakin silt loams, 2 to 6 percent slopes	Eakin	30	G053BY100ND	Loam
129	HkC	Highmore-Eakin silt loams, 6 to 9 percent slopes	Highmore	45	G053BY100ND	Loam
129	HkC	Highmore-Eakin silt loams, 6 to 9 percent slopes	Eakin	35	G053BY100ND	Loam
129	HmB	Highmore-Raber complex, 2 to 6 percent slopes	Highmore	55	G053BY100ND	Loam
129	HmB	Highmore-Raber complex, 2 to 6 percent slopes	Raber	25	G053BY210ND	Clayey Subsoil
129	HmC	Highmore-Raber complex, 6 to 9 percent slopes	Highmore	55	G053BY100ND	Loam
129	HmC	Highmore-Raber complex, 6 to 9 percent slopes	Raber	30	G053BY210ND	Clayey Subsoil
129	LaA	Lehr loam, 0 to 2 percent slopes	Lehr	90	G053BY130ND	Very Droughty Loam
129	LaB	Lehr loam, 2 to 6 percent slopes	Lehr	90	G053BY130ND	Very Droughty Loam
129	LbB	Lehr-Bowdle loams, 2 to 9 percent slopes	Lehr	60	G053BY130ND	Very Droughty Loam
129	LbB	Lehr-Bowdle loams, 2 to 9 percent slopes	Bowdle	30	G053BY120ND	Droughty Loam
129	Ma	Macken silty clay	Macken	85	G053BY900ND	Wet
129	MdB	Maddock loamy fine sand, 0 to 6 percent slopes	Maddock	90	G053BY300ND	Sand
129	MdC	Maddock loamy fine sand, 6 to 15 percent slopes	Maddock	90	G053BY300ND	Sand
129	Mo	Mobridge silt loam	Mobridge	85	G053BY500ND	Overflow
129	Pa	Parnell clay loam, wet	Parnell	95	G053BY000ND	Not suited
129	PrA	Parshall fine sandy loam, 0 to 2 percent slopes	Parshall	95	G053BY100ND	Loam
129	PrB	Parshall fine sandy loam, 2 to 6 percent slopes	Parshall	95	G053BY100ND	Loam
129	RaB	Raber loam, 2 to 6 percent slopes	Raber	90	G053BY210ND	Clayey Subsoil
129	RaC	Raber loam, 6 to 9 percent slopes	Raber	90	G053BY210ND	Clayey Subsoil
129	RbD	Raber-Gettys complex, 6 to 15 percent slopes	Raber	60	G053BY210ND	Clayey Subsoil
129	RbD	Raber-Gettys complex, 6 to 15 percent slopes	Gettys	35	G053BY400ND	Limy Upland
129	Re	Regan silt loam	Regan	95	G053BY000ND	Not suited
129	Te	Tetonka silt loam	Tetonka	95	G053BY900ND	Wet
129	VdD	Vida stony loam, 3 to 15 percent slopes	Vida	85	G053BY000ND	Not suited

Survey area	Mapunit symbol	Mapunit name	Component	Pct	FSG ID	FSG name
129	VzD	Vida-Zahl loams, 6 to 15 percent slopes	Vida	55	G053BY100ND	Loam
129	VzD	Vida-Zahl loams, 6 to 15 percent slopes	Zahl	30	G053BY400ND	Limy Upland
129	WbA	Williams-Bowbells loams, 0 to 2 percent slopes	Williams	50	G053BY100ND	Loam
129	WbA	Williams-Bowbells loams, 0 to 2 percent slopes	Bowbells	40	G053BY100ND	Loam
129	WbB	Williams-Bowbells loams, 2 to 6 percent slopes	Williams	55	G053BY100ND	Loam
129	WbB	Williams-Bowbells loams, 2 to 6 percent slopes	Bowbells	35	G053BY100ND	Loam
129	WdC	Williams-Vida loams, 6 to 9 percent slopes	Williams	55	G053BY100ND	Loam
129	WdC	Williams-Vida loams, 6 to 9 percent slopes	Vida	35	G053BY100ND	Loam
129	YeB	Yecross loamy fine sand, 0 to 6 percent slopes	Yecross	90	G053BY300ND	Sand
129	YeC	Yecross loamy fine sand, 6 to 15 percent slopes	Yecross	90	G053BY300ND	Sand
129	ZaE	Zahl-Williams loams, 15 to 34 percent slopes	Zahl	55	G053BY000ND	Not suited
129	ZaE	Zahl-Williams loams, 15 to 34 percent slopes	Williams	40	G053BY000ND	Not suited