

North American Geochemical Soil Landscapes Project  
Soil Horizon Profile Data

Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071001	1	LF			26	17	n/r	none	plentiful	fine	throughout	0	n/a	none
NB071001	2	H			17	0	n/r	none	plentiful	fine	throughout	0	n/a	none
NB071001	3	A	e		0	-12	irregular	none	plentiful	fine	throughout	80	loamy sand	none
NB071001	4	B	f		-12	-22	n/r	none	plentiful	fine	throughout	60	loamy sand	none
NB071001	5	BC			-22	-34	wavy	none	plentiful	medium	throughout	0	n/r	none
NB071001	6	C			-34	-63 *	n/a	none	plentiful	medium	throughout	70	sandy loam	none
NB071002	1	H			3	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071002	2	A	h		0	-6	smooth	none	abundant	coarse	throughout	0	loam	none
NB071002	3	B	g		-6	-27	smooth	visible	abundant	coarse	throughout	35	silty loam	none
NB071002	4	BC			-27	-47	smooth	visible	few	medium	throughout	25	n/r	none
NB071002	5	C			-47	-75 *	n/a	visible	none			20	loam	none
NB071003	1	LFH			5	0	n/r	none	none			0	n/a	none
NB071003	2	A	e		0	-14	n/r	none	abundant	coarse	throughout	60	silty loam	none
NB071003	3	B	f		-14	-25	n/r	none	plentiful	medium	throughout	25	sandy loam	none
NB071003	4	BC			-25	-40	n/r	none	few	fine	throughout	30	n/r	none
NB071003	5	C			-40	-65 *	n/a	none	none			70	sandy clay loam	none
NB071004	1	LF			7	3	n/r	none	none			0	n/a	none
NB071004	2	H			3	0	smooth	none	abundant	fine	throughout	10	n/a	none
NB071004	3	A	h		0	-2	n/r	none	none			0	n/r	none
NB071004	4	A	e		-2	-6	irregular	none	none			0	n/r	none
NB071004	5	B	f		-6	-18	smooth	none	few	medium	throughout	20	silty loam	none
NB071004	6	BC			-18	-52	smooth	none	none			0	n/r	none
NB071004	7	C			-52	-72 *	n/a	none	few	fine	throughout	20	loamy sand	none
NB071005	1	LF			3	2	n/r	none	abundant	medium	matted	0	n/a	none
NB071005	2	H			2	0	smooth	none	abundant	medium	matted	0	n/a	none
NB071005	3	A	h		0	-5	irregular	none	few	medium	throughout	0	mostly organic	none
NB071005	4	A	ej		-5	-7	irregular	none	few	medium	throughout	0	n/r	none
NB071005	5	B	j		-7	-12	wavy	none	plentiful	coarse	throughout	0	silty loam	none
NB071005	6	BC			-12	-35	wavy	none	few	coarse	throughout	0	n/r	none
NB071005	7	C			-35	-64 *	n/a	none	none			0	silt	none
NB071006	1	LF			5	2	smooth	none	abundant	medium	matted	0	n/a	none
NB071006	2	H			2	0	smooth	none	abundant	medium	matted	0	n/a	none
NB071006	3	A	h		0	-1	irregular	none	abundant	medium	matted	0	n/r	none
NB071006	4	A	ej		-1	-5	irregular - broken	none	abundant	medium	matted	0	n/r	none
NB071006	5	B	j		-5	-15	irregular - wavy	none	plentiful	fine	throughout	0	silty loam	none
NB071006	6	BC			-15	-61	smooth	none	plentiful	fine	throughout	0	n/r	none
NB071006	7	C			-61	-77 *	n/a	none	few	fine	throughout	0	silty loam	none
NB071007	1	LF			8	5	n/r	none	abundant	medium	matted	0	n/a	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071007	2	H			5	0	wavy	none	abundant	medium	matted	0	n/a	none
NB071007	3	A	e		0	-15	wavy	none	abundant	medium	matted	0	n/r	none
NB071007	4	B			-15	-28	smooth	none	plentiful	fine	throughout	40	loam	none
NB071007	5	BC			-28	-53	n/r	none	few	fine	throughout	0	n/r	none
NB071007	6	C			-53	-63 *	n/a	none	few	fine	in cracks	70	sandy loam	none
NB071008	1	LF			5	4	n/r	none	plentiful	medium	throughout	0	n/a	none
NB071008	2	H			4	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NB071008	3	A	h		0	-1	smooth	none	plentiful	medium	throughout	0	n/r	none
NB071008	4	A	e		-1	-7	smooth	none	plentiful	medium	in cracks	0	n/r	none
NB071008	5	B	f		-7	-15	irregular	none	few	fine	in cracks	0	sandy loam	none
NB071008	6	BC			-15	-45	smooth	none	few	fine	in cracks	0	n/r	none
NB071008	7	C			-45	-58 *	n/a	none	few	fine	in cracks	0	sandy loam	none
NB071009	1	LF			6	3	smooth	none	none			0	n/a	none
NB071009	2	H			3	0	smooth	none	none			0	n/a	none
NB071009	3	A	e		0	-9	irregular	none	plentiful	medium	throughout	25	n/r	none
NB071009	4	B	f		-9	-16	smooth	none	none			10	silty loam	none
NB071009	5	BC			-16	-35	smooth	none	few	fine	throughout	1	n/r	none
NB071009	6	C			-35	-46 *	n/a	none	none			15	silty loam	none
NB071010	1	LF			3	1	smooth	none	none			0	n/a	none
NB071010	2	H			1	0	smooth	none	abundant	medium	throughout	0	n/a	none
NB071010	3	A	h		0	-1	irregular	none	-	medium	-	0	n/r	none
NB071010	4	A	e		-1	-5	smooth	none	-	medium	-	35	n/r	none
NB071010	5	B	f		-5	-26	smooth	none	abundant	medium	throughout	35	silty loam	none
NB071010	6	BC			-26	-52	smooth	none	few	fine	throughout	0	n/r	none
NB071010	7	C			-52	-67 *	n/a	none	few	fine	throughout	50	sand	none
NB071011	1	LF			11	8	smooth	none	abundant	medium	throughout	0	n/a	none
NB071011	2	H			8	0	smooth	none	abundant	medium	throughout	5	n/a	none
NB071011	3	A	e		0	-8	irregular	visible	plentiful	medium	throughout	40	n/r	none
NB071011	4	B	fg		-8	-20	irregular	visible	few	fine	throughout	25	loam	none
NB071011	5	BC			-20	-38	irregular	visible	few	fine	throughout	75	n/r	none
NB071011	6	C			-38	-48 *	n/a	none	none			50	loam	none
NB071012	1	LF			7	3	smooth	none	abundant	medium	throughout	10	n/a	none
NB071012	2	H			3	0	smooth	none	abundant	medium	throughout	20	n/a	none
NB071012	3	A	hj		0	-2	irregular	none	abundant	medium	throughout	20	n/r	none
NB071012	4	A	ej		-2	-4	smooth	none	abundant	medium	throughout	20	n/r	none
NB071012	5	B	f		-4	-16	smooth	none	few	medium	in cracks	20	sandy loam	none
NB071012	6	BC			-16	-45	smooth	none	few	fine	in cracks	20	n/r	none
NB071012	7	C			-45	-62 *	n/a	none	few	fine	in cracks	20	sandy loam	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071013	1	LF			5	3	smooth	none	plentiful	medium	throughout	0	n/a	none
NB071013	2	H			3	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NB071013	3	A	h		0	-3	smooth	none	plentiful	medium	throughout	50	n/r	none
NB071013	4	A	e		-3	-12	smooth	none	plentiful	medium	throughout	50	n/r	none
NB071013	5	B	f		-12	-29	smooth	none	few	fine	throughout	40	sandy loam	none
NB071013	6	BC			-29	-46	irregular	none	few	fine	throughout	40	n/r	none
NB071013	7	C			-46	-57 *	n/a	none	none			50	sandy loam	none
NB071014	1	LF			4	1	wavy	none	plentiful	medium	throughout	0	n/a	none
NB071014	2	H			1	0	wavy	none	plentiful	medium	throughout	0	n/a	none
NB071014	3	A	h		0	-2	wavy	none	plentiful	medium	throughout	40	n/r	none
NB071014	4	A	e		-2	-6	wavy	none	plentiful	medium	throughout	40	n/r	none
NB071014	5	B	f		-6	-18	smooth	none	few	fine	throughout	40	sandy loam	none
NB071014	6	BC			-18	-35	smooth	none	few	fine	throughout	75	n/r	none
NB071014	7	C			-35	-57 *	n/a	none	few	fine	throughout	80	silt	none
NB071015	1	LF			9	3	wavy	none	plentiful	medium	throughout	0	n/a	none
NB071015	2	H			3	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB071015	3	A	h		0	-1	smooth	none	abundant	coarse	throughout	60	n/r	none
NB071015	4	A	e		-1	-7	irregular	visible	few	fine	throughout	70	n/r	none
NB071015	5	B	g		-7	-22	smooth	visible	none			0	loam	none
NB071015	6	BC	g		-22	-46	irregular	visible	few	fine	throughout	60	n/r	none
NB071015	7	C			-46	-57 *	n/a	visible	few	fine	throughout	70	sandy loam	none
NB071016	1	LF			4	1	n/r	none	plentiful	medium	throughout	0	n/a	none
NB071016	2	H			1	0	n/r	none	plentiful	medium	throughout	0	n/a	none
NB071016	3	A	h		0	-1	irregular	none	plentiful	medium	throughout	10	n/r	none
NB071016	4	A	e		-1	-10	irregular	none	plentiful	medium	throughout	50	n/r	none
NB071016	5	B	f		-10	-21	irregular	none	plentiful	medium	throughout	40	silty loam	none
NB071016	6	BC			-21	-35	smooth	none	few	fine	throughout	30	n/r	none
NB071016	7	C			-35	-59 *	n/a	none	few	fine	throughout	40	loam	none
NB071017	1	LF			3	1	wavy	none	abundant	medium	throughout	0	n/a	none
NB071017	2	H			1	0	wavy	none	abundant	medium	throughout	0	n/a	none
NB071017	3	A	h		0	-3	wavy	none	abundant	medium	throughout	45	n/r	none
NB071017	4	A	ej		-3	-5	wavy	none	abundant	medium	throughout	30	n/r	none
NB071017	5	B	f		-5	-12	broken	none	abundant	medium	throughout	30	loam	none
NB071017	6	BC			-12	-30	smooth	none	plentiful	fine	throughout	40	n/r	none
NB071017	7	C			-30	-57 *	n/a	none	few	fine	in cracks	60	loam	none
NB071018	1	LF			7	5	smooth	none	abundant	coarse	throughout	5	n/a	none
NB071018	2	A	h		5	0	smooth	none	abundant	coarse	throughout	0	n/r	none
NB071018	3	A	ejh		0	-5	smooth	none	plentiful	medium	throughout	0	silty clay loam	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071018	4	B	g		-5	-10	smooth	visible	few	fine	throughout	0	silty clay loam	none
NB071018	5	BC	g		-10	-28	smooth	visible	few	fine	throughout	2	n/r	none
NB071018	6	C			-28	-50 *	n/a	visible	none			2	silty clay loam	none
NB071019	1	LF			6	4	smooth	none	abundant	medium	throughout	0	n/a	none
NB071019	2	H			4	0	smooth	none	abundant	medium	throughout	0	n/a	none
NB071019	3	A	p		0	-27	irregular	none	plentiful	medium	throughout	10	loam	none
NB071019	4	BC			-27	-45	smooth	none	few	fine	throughout	0	n/r	none
NB071019	5	C			-45	-60 *	n/a	none	few	fine	in cracks	60	loamy sand	none
NB071020	1	LF			4	2	smooth	none	abundant	medium	throughout	0	n/a	none
NB071020	2	H			2	0	smooth	none	abundant	medium	throughout	0	n/a	none
NB071020	3	A	ej		0	-3	smooth	none	abundant	medium	throughout	70	n/r	none
NB071020	4	B	f		-3	-19	smooth	none	plentiful	medium	throughout	45	silty loam	none
NB071020	5	BC			-19	-41	smooth	none	few	fine	throughout	45	n/r	none
NB071020	6	C			-41	-57 *	n/a	none	few	fine	throughout	70	loam	none
NB071021	1	LF			9	6	n/r	none	few	fine	throughout	0	n/a	none
NB071021	2	H			6	0	irregular	none	few	fine	matted	0	n/a	none
NB071021	3	A	ej		0	-2	irregular	none	few	medium	matted	30	n/r	none
NB071021	4	B			-2	-10	irregular	none	abundant	coarse	matted	20	sandy loam	none
NB071021	5	BC			-10	-33	smooth	none	few	medium	throughout	25	n/r	none
NB071021	6	C			-33	-52 *	n/a	none	few	fine	matted	30	loam	none
NB071022	1	LF			7	4	smooth	none	none			0	n/a	none
NB071022	2	H			4	0	smooth	none	none			0	n/a	none
NB071022	3	A	h		0	-2	smooth	none	none			0	n/r	none
NB071022	4	A	ej		-2	-4	smooth	none	none			50	n/r	none
NB071022	5	B	fh		-4	-18	smooth	none	none			50	loam	none
NB071022	6	BC			-18	-44	smooth	none	none			30	n/r	none
NB071022	7	C			-44	-58 *	n/a	none	none			20	loam	none
NB071023	1	LF			4	2	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071023	2	H			2	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071023	3	A	h		0	-1	smooth	none	abundant	coarse	throughout	30	n/r	none
NB071023	4	A	ej		-1	-3	smooth	none	abundant	coarse	throughout	30	n/r	none
NB071023	5	B			-3	-10	smooth	none	plentiful	medium	throughout	50	loam	none
NB071023	6	BC			-10	-46	smooth	none	few	fine	in cracks	40	n/r	none
NB071023	7	C			-46	-63 *	n/a	none	none			40	silty loam	none
NB071024	1	LF			5	3	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071024	2	H			3	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071024	3	A	ejh		0	-2	smooth	none	abundant	coarse	throughout	25	n/r	none
NB071024	4	B	f		-2	-10	smooth	none	plentiful	coarse	throughout	25	loam	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071024	5	BC			-10	-32	smooth	none	few	fine	throughout	20	n/r	none
NB071024	6	C			-32	-52 *	n/a	none	few	fine	in cracks	25	loam	none
NB071025	1	LF			8	2	n/r	none	abundant	fine	throughout	0	n/a	none
NB071025	2	H			2	0	smooth	none	abundant	medium	matted	0	n/a	none
NB071025	3	A	h		0	-4	smooth	none	abundant	medium	matted	0	n/r	none
NB071025	4	A	e		-4	-8	wavy	none	few	medium	throughout	0	sand	none
NB071025	5	B	j		-8	-19	smooth	none	abundant	medium	matted	0	sand	none
NB071025	6	BC			-19	-38	smooth	none	few	fine	throughout	0	n/r	none
NB071025	7	C			-38	-72 *	n/a	none	few	fine	throughout	0	sand	none
NB071026	1	LF			6	2	n/r	none	none			0	n/a	none
NB071026	2	H			2	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071026	3	A	h		0	-3	smooth	none	abundant	coarse	throughout	0	n/r	none
NB071026	4	A	e		-3	-12	wavy	none	plentiful	medium	throughout	0	sand	none
NB071026	5	B	f		-12	-23	smooth	none	plentiful	medium	matted	0	sandy silt	none
NB071026	6	BC			-13	-54	smooth	none	few	fine	throughout	0	n/r	none
NB071026	7	C			-54	-80 *	n/a	none	few	fine	throughout	0	sand	none
NB071027	1	LF			5	3	n/r	none	abundant	medium	throughout	0	n/a	none
NB071027	2	A	h		3	0	n/r	none	abundant	coarse	matted	50	silty loam	none
NB071027	3	B			0	-20	n/r	none	plentiful	medium	throughout	60	n/r	none
NB071027	4	BC			-20	-53	n/r	none	plentiful	medium	throughout	60	n/r	none
NB071027	5	C			-53	-83 *	n/a	none	few	fine	throughout	60	n/r	none
NB071028	1	LF			10	8	n/r	none	none			0	n/a	none
NB071028	2	A	h		8	0	n/r	none	none			0	loam	none
NB071028	3	B			0	-13	n/r	none	none			0	loam	none
NB071028	4	BC			-13	-27	n/r	none	none			0	n/r	none
NB071028	5	C			-27	-57 *	n/a	none	none			0	silty loam	none
NB071029	1	LF			6	3	n/r	none	abundant	medium	throughout	0	n/a	none
NB071029	2	H			3	0	wavy	none	abundant	medium	throughout	20	n/a	none
NB071029	3	A	he		0	-4	wavy	none	abundant	medium	throughout	20	n/r	none
NB071029	4	B	f		-4	-14	smooth	none	abundant	medium	throughout	30	loam	none
NB071029	5	BC			-14	-30	smooth	none	plentiful	fine	throughout	30	n/r	none
NB071029	6	C			-30	-54 *	n/a	none	few	fine	throughout	40	loam	none
NB071030	1	LF			5	2	smooth	none	abundant	medium	throughout	20	n/a	none
NB071030	2	H			2	0	smooth	none	abundant	medium	throughout	20	n/a	none
NB071030	3	A	h		0	-1	smooth	none	abundant	medium	throughout	20	n/r	none
NB071030	4	A	ej		-1	-2	smooth	none	abundant	medium	throughout	30	n/r	none
NB071030	5	B			-2	-9	smooth	none	plentiful	fine	matted	0	loam	none
NB071030	6	BC			-9	-28	smooth	visible	few	fine	throughout	20	n/r	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071030	7	C			-28	-55 *	n/a	visible	few	fine	throughout	20	sandy clay loam	none
NB071031	1	LF			5	2	smooth	none	abundant	medium	throughout	0	n/a	none
NB071031	2	H			2	0	smooth	none	abundant	medium	throughout	0	n/a	none
NB071031	3	A	h		0	-2	smooth	none	abundant	medium	throughout	50	n/r	none
NB071031	4	A	ej		-2	-6	wavy	none	none			60	n/r	none
NB071031	5	B	f		-6	-20	wavy	none	abundant	medium	throughout	70	silty loam	none
NB071031	6	BC			-20	-41	smooth	none	plentiful	fine	throughout	70	n/r	none
NB071031	7	C			-41	-62 *	n/a	none	few	fine	throughout	75	sandy loam	none
NB071032	1	LF			5	2	smooth	none	abundant	medium	throughout	0	n/a	none
NB071032	2	H			2	0	smooth	none	abundant	medium	throughout	0	n/a	none
NB071032	3	A	h		0	-1	smooth	none	abundant	medium	throughout	0	n/r	none
NB071032	4	A	e		-1	-3	wavy	none	abundant	medium	throughout	40	n/r	none
NB071032	5	B	f		-3	-18	smooth	none	plentiful	medium	throughout	50	sandy loam	none
NB071032	6	BC			-18	-46	smooth	none	few	fine	throughout	60	n/r	none
NB071032	7	C			-46	-65 *	n/a	none	few	fine	throughout	70	sandy loam	none
NB071033	1	LF			13	3	wavy	none	abundant	medium	throughout	0	n/a	none
NB071033	2	H			3	0	wavy	none	abundant	medium	throughout	0	n/a	none
NB071033	3	A	h		0	-2	irregular	none	abundant	medium	throughout	0	n/r	none
NB071033	4	A	e		-2	-11	irregular	none	plentiful	fine	throughout	10	n/r	none
NB071033	5	B	fg		-11	-16	wavy	visible	plentiful	fine	throughout	10	n/r	none
NB071033	6	BC	g		-16	-33	wavy	visible	none			20	loam	none
NB071033	7	C			-33	-53 *	n/a	visible	none			20	sandy clay loam	none
NB071034	1	LF			6	3	n/r	none	none			0	n/a	none
NB071034	2	A	h		3	0	smooth - wavy	none	abundant	fine	throughout	0	n/r	none
NB071034	3	A	e		0	-9	irregular - wavy	none	plentiful	medium	throughout	50	sand	none
NB071034	4	B	f		-9	-24	smooth	none	plentiful	medium	throughout	30	sandy loam	none
NB071034	5	BC			-24	-35	smooth	none	few	fine	throughout	20	sandy loam	none
NB071034	6	C			-35	-52 *	n/a	none	few	fine	throughout	10	sandy loam	none
NB071035	1	LF			7	3	irregular	none	abundant	medium	throughout	0	n/a	none
NB071035	2	A	h		3	0	irregular	none	abundant	coarse	throughout	50	n/r	none
NB071035	3	A	e		0	-12	irregular	none	abundant	coarse	throughout	50	n/r	none
NB071035	4	B	f		-12	-23	irregular	none	abundant	medium	throughout	50	silty loam	none
NB071035	5	BC			-23	-55	smooth - wavy	none	none			50	n/r	none
NB071035	6	C			-55	-80 *	n/a	none	none			50	sandy loam	none
NB071036	1	LF			5	3	smooth	none	plentiful	medium	throughout	5	n/a	none
NB071036	2	A	h		3	0	smooth - wavy	none	plentiful	medium	throughout	5	n/r	none
NB071036	3	A	e		0	-13	smooth	none	plentiful	medium	throughout	10	n/r	none
NB071036	4	B	fj		-13	-19	smooth	none	plentiful	medium	throughout	5	loam	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071036	5	BC			-19	-35	smooth	none	few	fine	throughout	5	n/r	none
NB071036	6	C			-35	-57 *	n/a	none	few	fine	matted	10	sandy clay loam	none
NB071037	1	LF			24	19	n/r	none	none			0	n/a	none
NB071037	2	H			19	0	n/r	none	abundant	coarse	throughout	0	n/a	none
NB071037	3	A	gh		0	-7	n/r	visible	few	fine	throughout	0	clay	none
NB071037	4	B	g		-7	-28	n/r	visible	few	fine	matted	0	clay	none
NB071037	5	BC	g		-28	-46	n/r	visible	none			20	sand	none
NB071037	6	C			-46	-66 *	n/a	visible	none			30	sand	none
NB071038	1	LF			4	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB071038	2	A	h		2	0	wavy	none	abundant	coarse	throughout	80	n/r	none
NB071038	3	A	e		0	-10	irregular	none	abundant	medium	throughout	80	n/r	none
NB071038	4	B	f		-10	-21	wavy	none	plentiful	medium	throughout	40	loam	none
NB071038	5	BC			-21	-39	wavy	none	plentiful	fine	throughout	50	n/r	none
NB071038	6	C			-39	-58 *	n/a	none	few	fine	throughout	60	sandy loam	none
NB071039	1	LF			7	4	n/r	none	none			0	n/a	none
NB071039	2	A	h		4	0	n/r	none	abundant	medium	throughout	50	n/r	none
NB071039	3	A	p	1	0	-11	n/r	none	abundant	medium	throughout	50	loam	none
NB071039	4	B	f		-11	-21	n/r	none	plentiful	medium	throughout	30	sandy loam	none
NB071039	5	BC			-21	-28	n/r	none	plentiful	fine	throughout	30	sandy clay loam	none
NB071039	6	C			-28	-44 *	n/a	none	few	fine	in cracks	35	n/r	none
NB071040	1	LF			4	1	wavy	none	abundant	medium	throughout	0	n/a	none
NB071040	2	H			1	0	wavy	none	abundant	medium	throughout	0	n/a	none
NB071040	3	A	h		0	-1	wavy	none	abundant	medium	throughout	60	n/r	none
NB071040	4	A	e		-1	-4	wavy	none	abundant	medium	throughout	60	n/r	none
NB071040	5	B	f		-4	-22	wavy	none	abundant	medium	throughout	60	silty loam	none
NB071040	6	BC			-22	-34	irregular	none	abundant	medium	throughout	75	n/r	none
NB071040	7	C			-34	-54	n/a	none	plentiful	fine	throughout	80	loamy sand	none
NB071040	8	RX			-54		n/a	n/a	few	fine	throughout	0	n/a	none
NB071041	1	LF			6	3	wavy	none	abundant	coarse	throughout	0	n/a	none
NB071041	2	H			3	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB071041	3	A	h		0	-3	wavy	none	abundant	coarse	throughout	70	n/r	none
NB071041	4	A	e		-3	-15	wavy	visible	abundant	medium	throughout	70	n/r	none
NB071041	5	B	f		-15	-22	wavy	visible	plentiful	medium	throughout	60	sandy loam	none
NB071041	6	BC			-22	-32	wavy	visible	plentiful	fine	throughout	60	n/r	none
NB071041	7	C			-32	-47 *	n/a	none	few	fine	throughout	60	loam	none
NB071042	1	LF			6	4	smooth - wavy	none	abundant	medium	throughout	0	n/a	none
NB071042	2	H			4	0	smooth - wavy	none	abundant	medium	throughout	0	n/a	none
NB071042	3	A	h		0	-3	smooth - wavy	none	abundant	medium	throughout	0	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071042	4	A	e		-3	-7	smooth - wavy	none	abundant	medium	throughout	20	loamy sand	none
NB071042	5	B	fh		-7	-13	smooth - wavy	none	plentiful	fine	throughout	35	sandy loam	none
NB071042	6	BC			-13	-39	smooth - wavy	none	plentiful	fine	throughout	40	loam	none
NB071042	7	C			-39	-58 *	n/a	none	few	fine	throughout	50	n/r	none
NB071043	1	LF			4	2	smooth	none	none			0	n/a	none
NB071043	2	A	h		2	0	smooth	none	abundant	coarse	throughout	10	n/r	none
NB071043	3	A	p		0	-17	smooth	none	abundant	coarse	throughout	20	loam	none
NB071043	4	B	f		-17	-24	smooth	none	plentiful	medium	throughout	40	loam	none
NB071043	5	BC			-24	-41	smooth	none	plentiful	fine	throughout	40	n/r	none
NB071043	6	C			-41	-63 *	n/a	none	few	fine	throughout	50	loam	none
NB071044	1	LF			6	3	wavy	none	none			0	n/a	none
NB071044	2	H			3	0	wavy	none	none			0	n/a	none
NB071044	3	A	h		0	-4	wavy	none	abundant	coarse	throughout	35	n/r	none
NB071044	4	A	e		-4	-13	wavy	none	abundant	coarse	throughout	35	sandy loam	none
NB071044	5	B	fh		-13	-26	wavy	none	plentiful	coarse	throughout	35	loam	none
NB071044	6	BC			-26	-55	wavy	none	few	medium	throughout	50	n/r	none
NB071044	7	C			-55	-80	n/a	none	few	fine	throughout	70	loam	none
NB071044	8	RX			-80		n/a	n/a	none			0	n/a	none
NB071045	1	LF			5	2	n/r	none	none			0	n/a	none
NB071045	2	H			2	0	wavy	none	abundant	fine	throughout	0	n/a	none
NB071045	3	A	e		0	-6	irregular	none	abundant	coarse	matted	0	n/r	none
NB071045	4	B	fh		-6	-10	wavy - smooth	none	abundant	coarse	throughout	0	silty loam	none
NB071045	5	B	f		-10	-22	smooth	none	plentiful	medium	throughout	0	loamy sand	none
NB071045	6	BC			-22	-55	smooth	none	plentiful	medium	throughout	0	n/r	none
NB071045	7	C			-55	-66 *	n/a	none	few	fine	throughout	0	sand	none
NB071046	1	LF			14	13	n/r	none	none			0	n/a	none
NB071046	2	A	p		13	0	n/r	none	abundant	coarse	throughout	5	n/r	none
NB071046	3	B			0	-5	n/r	none	abundant	medium	throughout	5	loam	none
NB071046	4	BC			-5	-23	n/r	none	plentiful	medium	throughout	5	n/r	none
NB071046	5	C			-23	-42 *	n/a	none	few	fine	matted	5	silty loam	none
NB071047	1	LF			7	1	n/r	none	-	coarse	throughout	0	n/a	none
NB071047	2	A	eh		1	0	smooth	none	-	coarse	throughout	20	n/r	none
NB071047	3	A	e		0	-6	irregular	none	-	coarse	throughout	20	sandy loam	none
NB071047	4	B	f		-6	-17	smooth	none	-	medium	-	20	loam	none
NB071047	5	BC			-17	-43	smooth	visible	-	fine	throughout	20	n/r	none
NB071047	6	C			-43	-67 *	n/a	visible	few	fine	matted	20	loam	none
NB071048	1	LF			6	1	n/r	none	none			0	n/a	none
NB071048	2	A	eh		1	0	smooth	none	abundant	coarse	throughout	10	n/r	none



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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071048	3	A	e		0	-17	smooth	none	abundant	coarse	matted	25	n/r	none
NB071048	4	B	f		-17	-26	smooth	none	plentiful	medium	throughout	10	n/r	none
NB071048	5	BC			-26	-44	smooth	visible	few	fine	throughout	5	n/r	none
NB071048	6	C			-44	-57 *	n/a	none	none			5	n/r	none
NB071049	1	LF			4	2	n/r	none	none			0	n/a	none
NB071049	2	H			2	0	smooth	none	-	-	-	0	n/a	none
NB071049	3	A	h		0	-2	smooth	none	-	-	-	0	n/r	none
NB071049	4	A	e		-2	-9	irregular	none	-	-	-	40	sand	none
NB071049	5	B	f		-9	-22	smooth	none	-	-	-	30	loam	none
NB071049	6	BC			-22	-35	smooth	none	-	-	-	25	n/r	none
NB071049	7	C			-35	-60 *	n/a	none	-	-	-	25	sandy loam	none
NB071050	1	LF			4	2	n/r	none	-	-	-	0	n/a	none
NB071050	2	H			2	0	n/r	none	abundant	coarse	throughout	10	n/a	none
NB071050	3	A	h		0	-5	n/r	none	abundant	coarse	throughout	10	n/r	none
NB071050	4	A	e		-5	-10	n/r	none	plentiful	coarse	matted	15	silty sand	none
NB071050	5	B	f		-10	-20	n/r	none	plentiful	medium	throughout	15	loam	none
NB071050	6	BC			-20	-40	n/r	none	plentiful	fine	throughout	25	n/r	none
NB071050	7	C			-40	-58 *	n/a	none	few	fine	throughout	40	loam	none
NB071051	1	LF			6	3	n/r	none	plentiful	medium	throughout	0	n/a	none
NB071051	2	H			3	0	n/r	none	plentiful	medium	throughout	0	n/a	none
NB071051	3	A	h		0	-3	n/r	none	abundant	medium	throughout	0	n/r	none
NB071051	4	A	ej		-3	-7	n/r	none	plentiful	coarse	matted	20	sandy loam	none
NB071051	5	B	fj		-7	-17	n/r	none	abundant	medium	throughout	25	loam	none
NB071051	6	BC	g		-17	-41	n/r	visible	few	fine	throughout	35	n/r	none
NB071051	7	C			-41	-57 *	n/a	none	few	fine	throughout	50	loam	none
NB071052	1	LF			3	1	n/r	none	few	coarse	throughout	0	n/a	none
NB071052	2	H			1	0	n/r	none	abundant	coarse	throughout	0	n/a	none
NB071052	3	A	h		0	-3	n/r	none	abundant	coarse	matted	25	n/r	none
NB071052	4	A	e		-3	-13	n/r	none	plentiful	medium	throughout	30	sandy loam	none
NB071052	5	B	fj		-13	-23	n/r	none	plentiful	medium	throughout	25	silty loam	none
NB071052	6	BC			-23	-42	n/r	none	few	fine	throughout	30	n/r	none
NB071052	7	C			-42	-57 *	n/a	none	few	fine	throughout	35	silty loam	none
NB071053	1	LF			14	12	n/r	none	abundant	coarse	throughout	0	n/a	none
NB071053	2	A	p		12	0	smooth	none	abundant	coarse	throughout	20	loam	none
NB071053	3	BC			0	-33	smooth	none	plentiful	medium	throughout	25	silty loam	none
NB071053	4	C			-33	-50 *	n/a	none	few	fine	throughout	35	silty loam	none
NB071054	1	LF			15	13	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071054	2	A	p		13	0	smooth	none	abundant	coarse	throughout	15	loam	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB071054	3	B	f		0	-6	smooth	none	abundant	coarse	throughout	25	loam	none
NB071054	4	BC			-6	-39	smooth	none	abundant	coarse	throughout	35	n/r	none
NB071054	5	C			-39	-57 *	n/a	none	plentiful	fine	throughout	50	loam	none
NB071055	1	LF			18	4	n/r	none	abundant	medium	throughout	0	n/a	none
NB071055	2	H			4	0	n/r	none	abundant	medium	throughout	0	n/a	none
NB071055	3	A	h		0	-4	n/r	none	abundant	medium	throughout	0	n/r	none
NB071055	4	A	e		-4	-7	n/r	none	few	fine	matted	0	sandy loam	none
NB071055	5	B	f		-7	-21	n/r	none	plentiful	fine	throughout	0	loam	none
NB071055	6	BC			-21	-32	n/r	none	plentiful	fine	throughout	0	loam	none
NB071055	7	C			-32	-76 *	n/a	none	few	fine	throughout	0	loam	none
NB071056	1	LF			7	4	n/r	none	plentiful	medium	throughout	0	n/a	none
NB071056	2	H			4	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB071056	3	A	h		0	-4	smooth	none	abundant	coarse	throughout	0	n/r	none
NB071056	4	A	ej		-4	-7	smooth	none	plentiful	medium	matted	60	sandy loam	none
NB071056	5	B	f		-7	-18	smooth	none	plentiful	medium	throughout	60	silty loam	none
NB071056	6	BC			-18	-36	smooth	none	plentiful	fine	throughout	50	n/r	none
NB071056	7	C			-36	-48 *	n/a	none	few	fine	in cracks	45	loam	none
NB072001	1	LF			5	3	smooth	none	plentiful	medium	throughout	20	n/a	none
NB072001	2	H			3	0	smooth	none	plentiful	medium	throughout	20	n/a	none
NB072001	3	A	h		0	-2	wavy	none	plentiful	medium	throughout	20	n/r	none
NB072001	4	A	e		-2	-6	irregular	none	plentiful	medium	throughout	20	n/r	none
NB072001	5	B	f		-6	-17	smooth	none	few	fine	in cracks	15	silty loam	none
NB072001	6	BC			-17	-39	smooth	none	few	fine	in cracks	30	n/r	none
NB072001	7	C			-39	-67 *	n/a	none	none			60	silty loam	none
NB072002	1	LF			6	2	smooth	none	abundant	medium	throughout	50	n/a	none
NB072002	2	H			2	0	smooth	none	abundant	medium	throughout	50	n/a	none
NB072002	3	A	h		0	-2	irregular	none	abundant	medium	throughout	50	n/r	none
NB072002	4	A	e		-2	-9	irregular	none	plentiful	medium	matted	50	n/r	none
NB072002	5	B	f		-9	-25	irregular	none	plentiful	medium	matted	40	sandy clay loam	none
NB072002	6	BC			-25	-41	smooth	none	few	fine	in cracks	30	n/r	none
NB072002	7	C			-41	-58 *	n/a	none	few	fine	in cracks	10	clay loam	none
NB072003	1	LF			6	2	smooth	none	plentiful	coarse	throughout	10	n/a	none
NB072003	2	H			2	0	wavy	none	plentiful	coarse	throughout	10	n/a	none
NB072003	3	A	h		0	-2	wavy	none	plentiful	coarse	throughout	10	n/r	none
NB072003	4	A	j		-2	-5	irregular	none	plentiful	coarse	throughout	10	n/r	none
NB072003	5	B	f		-5	-18	smooth	none	plentiful	medium	in cracks	10	loam	none
NB072003	6	BC			-18	-37	smooth	none	few	medium	in cracks	20	n/r	none
NB072003	7	C			-38	-58 *	n/a	none	few	medium	in cracks	30	sandy clay loam	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072004	1	LF			5	2	wavy	none	abundant	medium	matted	10	n/a	none
NB072004	2	H			2	0	irregular	none	abundant	medium	matted	10	n/a	none
NB072004	3	A	h		0	-2	irregular	none	plentiful	medium	throughout	20	n/r	none
NB072004	4	A	e		-2	-9	wavy	none	plentiful	medium	throughout	30	n/r	none
NB072004	5	B	f		-9	-18	smooth	none	few	fine	in cracks	30	loam	none
NB072004	6	BC			-18	-33	smooth	none	few	fine	in cracks	60	n/r	none
NB072004	7	C			-33	-43	n/a	none	few	fine	in cracks	60	sandy clay loam	none
NB072004	8	RX	OTNF		-43		n/a	n/a	none			0	n/a	none
NB072005	1	LF			8	5	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072005	2	H			5	0	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072005	3	A	h		0	-2	smooth	none	abundant	coarse	throughout	10	n/r	none
NB072005	4	A	e		-2	-5	wavy	none	abundant	coarse	throughout	10	n/r	none
NB072005	5	B	f		-5	-16	wavy	visible	few	fine	in cracks	10	loam	none
NB072005	6	BC			-16	-28	smooth	visible	few	fine	in cracks	15	n/r	none
NB072005	7	C			-28	-41	n/a	none	few	fine	in cracks	35	sandy loam	none
NB072005	8	RX	v		-41		n/a	n/a	none			0	n/a	none
NB072006	1	LF			6	3	smooth	none	abundant	coarse	throughout	10	n/a	none
NB072006	2	H			3	0	smooth	none	abundant	coarse	throughout	10	n/a	none
NB072006	3	A	h		0	-4	wavy	none	abundant	coarse	throughout	10	n/r	none
NB072006	4	A	ej		-4	-7	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072006	5	B	f		-7	-24	irregular	none	abundant	medium	throughout	10	loam	none
NB072006	6	BC			-24	-32	smooth	none	few	fine	in cracks	20	n/r	none
NB072006	7	C			-32	-52 *	n/a	none	few	fine	in cracks	40	silty loam	none
NB072007	1	LF			8	4	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072007	2	H			4	0	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072007	3	A	h		0	-6	smooth	none	abundant	coarse	throughout	5	n/r	none
NB072007	4	A	ej		-6	-8	smooth	none	abundant	coarse	in cracks	5	n/r	none
NB072007	5	B	m		-8	-17	irregular	none	few	medium	in cracks	15	sandy clay loam	none
NB072007	6	BC			-17	-31	wavy	none	few	medium	in cracks	15	n/r	none
NB072007	7	C			-31	-56 *	n/a	none	few	medium	in cracks	30	sandy clay loam	none
NB072008	1	LF			6	2	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072008	2	H			2	0	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072008	3	A	h		0	-6	smooth	none	abundant	coarse	throughout	5	n/r	none
NB072008	4	A	ej		-6	-8	smooth	none	abundant	coarse	throughout	5	n/r	none
NB072008	5	B	m		-8	-17	irregular	none	few	medium	in cracks	15	sandy clay loam	none
NB072008	6	BC			-17	-33	wavy	none	few	medium	in cracks	15	n/r	none
NB072008	7	C			-33	-58 *	n/a	none	few	medium	in cracks	35	sandy clay loam	none
NB072009	1	LF			7	4	smooth	none	abundant	coarse	throughout	5	n/a	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072009	2	H			4	0	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072009	3	A	h		0	-4	smooth	none	abundant	coarse	throughout	5	n/r	none
NB072009	4	A	e		-4	-14	irregular	none	abundant	medium	throughout	10	n/r	none
NB072009	5	B	f		-14	-25	irregular	none	few	medium	in cracks	15	sandy clay loam	none
NB072009	6	BC			-25	-38	irregular	none	few	fine	in cracks	15	n/r	none
NB072009	7	C			-38	-61 *	n/a	none	few	fine	in cracks	45	sandy clay loam	none
NB072010	1	LF			7	3	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072010	2	H			3	0	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072010	3	A	h		0	-6	irregular	none	abundant	coarse	throughout	5	n/r	none
NB072010	4	A	ej		-6	-8	irregular	none	plentiful	medium	throughout	10	n/r	none
NB072010	5	B	f		-8	-20	irregular	none	plentiful	medium	in cracks	20	loam	none
NB072010	6	BC			-20	-37	wavy	none	few	fine	in cracks	30	n/r	none
NB072010	7	C			-37	-52 *	n/a	none	few	fine	in cracks	50	sandy clay loam	none
NB072011	1	LF			8	3	smooth	none	abundant	coarse	throughout	5	moosy	none
NB072011	2	H			3	0	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072011	3	A	h		0	-3	smooth	none	abundant	coarse	throughout	5	n/r	none
NB072011	4	A	e		-3	-13	smooth	none	few	coarse	in cracks	10	n/r	none
NB072011	5	B	f		-13	-25	smooth	none	few	fine	in cracks	10	silty loam	none
NB072011	6	BC			-25	-36	smooth	none	few	fine	in cracks	20	n/r	none
NB072011	7	C			-36	-62 *	n/a	none	few	fine	in cracks	30	silty loam	none
NB072012	1	LF			7	3	wavy	none	few	medium	throughout	5	n/a	none
NB072012	2	H			3	0	smooth	none	abundant	medium	throughout	5	n/a	none
NB072012	3	A	h		0	-2	wavy	none	abundant	medium	throughout	5	n/r	none
NB072012	4	A	e		-2	-12	irregular	none	abundant	fine	throughout	35	colluvium	none
NB072012	5	B	f		-12	-22	irregular	none	few	fine	in cracks	15	sandy loam	none
NB072012	6	BC			-22	-38	wavy	none	few	fine	in cracks	35	n/r	none
NB072012	7	C			-38	-57 *	n/a	none	few	fine	in cracks	60	sandy loam	none
NB072013	1	LF			8	3	irregular	none	abundant	coarse	throughout	20	moosy	none
NB072013	2	H			3	0	wavy	none	abundant	coarse	throughout	30	n/a	none
NB072013	3	A	h		0	-2	wavy	none	abundant	coarse	throughout	40	n/r	none
NB072013	4	A	e		-2	-17	wavy	none	few	fine	in cracks	40	n/r	none
NB072013	5	B	f		-17	-35	wavy	none	few	fine	in cracks	30	silt	none
NB072013	6	BC			-35	-42	wavy	none	few	fine	in cracks	30	n/r	none
NB072013	7	C			-42	-57 *	n/a	none	few	fine	in cracks	60	silt	none
NB072014	1	LF			6	3	irregular	none	plentiful	medium	matted	0	n/a	none
NB072014	2	H			3	0	irregular	none	plentiful	medium	matted	5	n/a	none
NB072014	3	A	hj		0	-1	irregular	none	plentiful	medium	throughout	5	n/r	none
NB072014	4	A	e		-1	-6	irregular	none	plentiful	medium	throughout	25	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072014	5	B	f		-6	-18	irregular	visible	few	fine	in cracks	25	silty loam	none
NB072014	6	BC			-18	-30	smooth	none	few	fine	in cracks	35	n/r	none
NB072014	7	C			-30	-53 *	n/a	none	few	fine	in cracks	35	silty loam	none
NB072015	1	LF			6	3	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072015	2	H			3	0	wavy	none	abundant	coarse	throughout	5	n/a	none
NB072015	3	A	h		0	-14	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072015	4	B	f		-14	-32	wavy	none	few	medium	in cracks	20	sandy clay loam	none
NB072015	5	BC			-32	-42	smooth	none	few	fine	in cracks	20	n/r	none
NB072015	6	C			-42	-57 *	n/a	none	few	fine	in cracks	40	silty loam	none
NB072016	1	LF			7	2	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072016	2	H			2	0	wavy	none	abundant	coarse	throughout	5	n/a	none
NB072016	3	A	h		0	-1	wavy	none	abundant	coarse	throughout	5	n/r	none
NB072016	4	A	e		-1	-15	irregular	none	few	medium	in cracks	10	n/r	none
NB072016	5	B	f		-15	-30	wavy	none	few	medium	in cracks	40	loam	none
NB072016	6	BC			-30	-38	smooth	none	few	fine	in cracks	70	n/r	none
NB072016	7	C			-43	-63 *	n/a	none	few	fine	in cracks	90	loamy sand	none
NB072017	1	LF			9	3	irregular	none	abundant	coarse	throughout	50	colluvium	none
NB072017	2	H			3	0	irregular	none	abundant	coarse	throughout	50	colluvium	none
NB072017	3	A	h		0	-1	irregular	none	abundant	coarse	throughout	75	colluvium	none
NB072017	4	A	e		-1	-11	irregular	none	abundant	coarse	throughout	75	colluvium	none
NB072017	5	B	f		-11	-22	wavy	none	few	fine	in cracks	75	silty loam	none
NB072017	6	BC			-22	-37	wavy	none	few	fine	in cracks	60	n/r	none
NB072017	7	C			-37	-57 *	n/a	none	few	fine	in cracks	50	sandy clay loam	none
NB072018	1	LF			10	5	smooth	none	abundant	coarse	throughout	5	n/a	none
NB072018	2	H			5	0	wavy	none	abundant	coarse	throughout	5	n/a	none
NB072018	3	A	h		0	-3	irregular	none	abundant	coarse	throughout	5	n/r	none
NB072018	4	A	e		-3	-14	irregular	none	abundant	medium	throughout	20	n/r	none
NB072018	5	B	f		-14	-28	wavy	none	few	fine	in cracks	40	sandy clay loam	none
NB072018	6	BC			-28	-40	wavy	none	few	fine	in cracks	40	n/r	none
NB072018	7	C			-40	-55 *	n/a	none	few	fine	in cracks	30	silty loam	none
NB072019	1	LF			9	6	wavy	none	abundant	coarse	throughout	5	n/a	none
NB072019	2	H			6	0	wavy	none	abundant	coarse	throughout	5	n/a	none
NB072019	3	A	h		0	-1	wavy	none	abundant	coarse	throughout	5	n/r	none
NB072019	4	A	e		-1	-8	irregular	none	plentiful	coarse	in cracks	20	n/r	none
NB072019	5	B	f		-8	-24	irregular	none	few	fine	in cracks	30	sandy loam	none
NB072019	6	BC			-24	-39	irregular	none	few	fine	in cracks	60	ablation till	none
NB072019	7	C			-39	-59 *	n/a	none	few	fine	in cracks	60	sandy clay loam	none
NB072020	1	LF			8	3	wavy	none	abundant	coarse	throughout	0	n/a	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072020	2	H			3	0	wavy	none	abundant	coarse	throughout	5	n/a	none
NB072020	3	A	h		0	-1	irregular	none	abundant	coarse	throughout	5	n/r	none
NB072020	4	A	e		-1	-6	irregular	none	abundant	coarse	throughout	40	n/r	none
NB072020	5	B	f		-6	-18	irregular	none	abundant	coarse	throughout	50	sandy loam	none
NB072020	6	BC			-18	-38	wavy	none	plentiful	medium	in cracks	60	n/r	none
NB072020	7	C			-38	-58	n/a	none	plentiful	medium	in cracks	80	silty sand	none
NB072020	8	RX	v		-100		n/a	n/a	none			0	n/a	none
NB072021	1	LF			5	2	smooth	none	plentiful	medium	throughout	0	n/a	none
NB072021	2	H			2	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NB072021	3	A	hj		0	-1	wavy	none	plentiful	medium	throughout	0	n/r	none
NB072021	4	A	e		-1	-23	wavy	none	plentiful	medium	in cracks	0	n/r	none
NB072021	5	B	f		-23	-38	irregular	none	few	medium	in cracks	0	loamy sand	none
NB072021	6	BC			-38	-48	irregular	none	few	medium	in cracks	0	n/r	none
NB072021	7	C	1		-48	-97 *	n/a	none	few	medium	in cracks	5	sand	none
NB072021	8	C	2		-63	-65	n/a	none	none			0	silty loam lens	none
NB072022	1	LF			6	3	smooth	none	abundant	coarse	throughout	0	n/a	none
NB072022	2	H			3	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB072022	3	A	h		0	-3	irregular	none	abundant	coarse	throughout	5	n/r	none
NB072022	4	A	e		-3	-12	irregular	visible	plentiful	medium	in cracks	5	n/r	none
NB072022	5	B	f		-12	-22	irregular	visible	plentiful	medium	in cracks	10	clay	none
NB072022	6	BC			-22	-39	smooth	visible	few	fine	in cracks	20	n/r	none
NB072022	7	C			-39	-57 *	n/a	visible	few	fine	in cracks	30	clay	none
NB072023	1	LF			5	3	smooth	none	abundant	coarse	throughout	0	n/a	none
NB072023	2	H			3	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072023	3	A	h		0	-2	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072023	4	A	ej		-2	-7	irregular	none	plentiful	medium	throughout	5	n/r	none
NB072023	5	B	f		-7	-20	wavy	none	plentiful	medium	throughout	15	loam	none
NB072023	6	BC			-20	-37	wavy	none	few	coarse	in cracks	15	n/r	none
NB072023	7	C			-37	-62 *	n/a	none	few	coarse	in cracks	25	silty loam	none
NB072024	1	LF			7	3	smooth	none	abundant	coarse	throughout	0	n/a	none
NB072024	2	H			3	0	smooth	none	abundant	coarse	throughout	0	n/a	none
NB072024	3	A	hj		0	-1	smooth	none	abundant	coarse	throughout	0	n/r	none
NB072024	4	A	e		-1	-7	wavy	none	abundant	medium	throughout	5	n/r	none
NB072024	5	B	f		-7	-17	wavy	none	abundant	medium	throughout	20	loam	none
NB072024	6	BC			-17	-32	wavy	none	plentiful	medium	in cracks	25	n/r	none
NB072024	7	C			-32	-57 *	n/a	none	few	medium	in cracks	35	silty loam	none
NB072025	1	LF			6	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072025	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072025	3	A	hj		0	-2	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072025	4	A	e		-2	-4	wavy	none	abundant	coarse	throughout	10	n/r	none
NB072025	5	B	f		-4	-17	wavy	none	few	medium	in cracks	20	loam	none
NB072025	6	BC			-17	-28	smooth	none	few	medium	in cracks	20	n/r	none
NB072025	7	C			-28	-53 *	n/a	none	few	fine	in cracks	50	silty loam	none
NB072026	1	LF			6	3	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072026	2	H			3	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072026	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072026	4	A	ej		-1	-4	irregular	none	few	medium	in cracks	10	n/r	none
NB072026	5	B	f		-4	-17	irregular	none	few	medium	in cracks	10	loam	none
NB072026	6	BC			-17	-39	irregular	none	few	medium	in cracks	10	n/r	none
NB072026	7	C			-39	-72	n/a	none	few	medium	in cracks	10	sandy loam	none
NB072026	8	RX			-77		n/a	n/a	none			0	n/a	none
NB072027	1	LF			10	5	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072027	2	H			5	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072027	3	A	hj		0	-1	irregular	none	abundant	medium	throughout	0	n/r	none
NB072027	4	A	e		-1	-13	wavy	none	few	medium	in cracks	10	n/r	none
NB072027	5	B	f		-13	-19	irregular	none	few	fine	in cracks	10	sandy clay loam	none
NB072027	6	BC			-19	-30	irregular	none	few	fine	in cracks	20	n/r	none
NB072027	7	C			-30	-60 *	n/a	none	few	fine	in cracks	20	sandy clay loam	none
NB072028	1	LF			10	5	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072028	2	H			5	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072028	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072028	4	A	e		-1	-9	irregular	none	abundant	medium	throughout	0	n/r	none
NB072028	5	B	f		-9	-25	irregular	none	few	fine	in cracks	5	sandy loam	none
NB072028	6	BC			-25	-41	irregular	none	few	fine	in cracks	5	n/r	none
NB072028	7	C			-41	-75 *	n/a	none	few	fine	in cracks	5	oamy sand within silty loam layer	none
NB072029	1	LF			9	4	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072029	2	H			4	0	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072029	3	A	hj		0	-2	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072029	4	A	e		-2	-12	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072029	5	B	f		-12	-22	irregular	none	few	medium	in cracks	30	sandy clay loam	none
NB072029	6	BC			-22	-35	irregular	none	few	medium	in cracks	40	n/r	none
NB072029	7	C			-35	-62 *	n/a	none	few	medium	in cracks	70	sandy clay loam	none
NB072030	1	LF			7	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072030	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072030	3	A	hj		0	-1	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072030	4	A	e		-1	-9	irregular	none	abundant	coarse	throughout	10	n/r	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072030	5	B	f		-9	-34	irregular	none	plentiful	medium	throughout	10	sandy loam	none
NB072030	6	BC			-34	-48	irregular	none	plentiful	medium	throughout	20	n/r	none
NB072030	7	C			-48	-73 *	n/a	none	plentiful	medium	throughout	30	sand	none
NB072031	1	LF			11	4	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072031	2	H			4	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072031	3	A	h		0	-3	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072031	4	A	e		-3	-10	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072031	5	B	f		-10	-26	irregular	none	abundant	coarse	throughout	10	sandy loam	none
NB072031	6	BC			-26	-38	irregular	none	plentiful	medium	in cracks	15	n/r	none
NB072031	7	C			-38	-61 *	n/a	none	plentiful	medium	in cracks	20	sand	none
NB072032	1	LF			5	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072032	2	H			2	0	irregular	none	abundant	coarse	throughout	10	n/a	none
NB072032	3	A	hj		0	-2	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072032	4	A	e		-2	-14	irregular	none	few	medium	in cracks	50	n/r	none
NB072032	5	B	f		-14	-27	irregular	none	few	medium	in cracks	60	loam	none
NB072032	6	BC			-27	-43	irregular	none	few	medium	in cracks	40	n/r	none
NB072032	7	C			-43	-63 *	n/a	none	few	medium	in cracks	40	silty loam	none
NB072033	1	LF			6	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072033	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072033	3	A	h		0	-2	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072033	4	A	p		-2	-12	wavy	none	abundant	coarse	throughout	5	disturbed	none
NB072033	5	A	e		-12	-18	wavy	none	few	medium	in cracks	10	n/r	none
NB072033	6	B	f		-18	-24	wavy	none	few	medium	in cracks	20	loam	none
NB072033	7	BC			-24	-33	wavy	none	few	medium	in cracks	20	n/r	none
NB072033	8	C			-33	-63 *	n/a	none	few	medium	in cracks	30	sandy clay loam	none
NB072034	1	LF			8	3	irregular	none	abundant	coarse	throughout	30	n/a	none
NB072034	2	H			3	0	wavy	none	abundant	coarse	throughout	30	n/a	none
NB072034	3	A	h		0	-3	wavy	none	abundant	coarse	throughout	30	n/r	none
NB072034	4	A	e		-3	-12	irregular	none	abundant	coarse	throughout	30	n/r	none
NB072034	5	B	f		-12	-30	irregular	none	few	fine	in cracks	30	sandy clay loam	none
NB072034	6	BC			-30	-52	wavy	none	few	fine	in cracks	40	n/r	none
NB072034	7	C			-52	-72 *	n/a	none	few	fine	in cracks	65	silty loam	none
NB072035	1	LF			8	4	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072035	2	H			4	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072035	3	A	h		0	-8	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072035	4	A	e		-8	-20	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072035	5	B			-20	-26	irregular	none	few	fine	in cracks	30	silty loam	none
NB072035	6	BC			-26	-31	irregular	none	few	fine	in cracks	40	n/r	none



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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072035	7	C			-31	-45	n/a	none	few	fine	in cracks	60	silty loam	none
NB072035	8	RX	o/c		-45		n/a	n/a	none			100	n/a	none
NB072036	1	LF			3	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072036	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072036	3	A	h		0	-3	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072036	4	A	p		-3	-13	irregular	none	few	medium	in cracks	30	n/r	none
NB072036	5	Old H			-13	-15	irregular	none	few	medium	in cracks	30	n/a	none
NB072036	6	A	e		-15	-18	irregular	none	few	medium	in cracks	30	n/r	none
NB072036	7	B	f		-18	-25	irregular	none	few	medium	in cracks	70	silty loam	none
NB072036	8	BC			-25	-53	irregular	none	few	medium	in cracks	70	n/r	none
NB072036	9	C			-53	-73	n/a	none	few	medium	in cracks	80	sandy loam	none
NB072036	10	RX	v		-73		n/a	n/a	none			95	n/a	none
NB072037	1	LF			5	2	wavy	none	abundant	medium	throughout	0	n/a	none
NB072037	2	H			2	0	wavy	none	abundant	medium	throughout	0	n/a	none
NB072037	3	A	h		0	-2	irregular	none	abundant	medium	throughout	0	n/r	none
NB072037	4	A	e		-2	-11	irregular	none	abundant	medium	throughout	10	n/r	none
NB072037	5	B	f		-11	-31	irregular	visible	few	fine	in cracks	20	sandy clay loam	none
NB072037	6	BC			-31	-48	wavy	none	few	fine	in cracks	30	n/r	none
NB072037	7	C			-48	-68 *	n/a	none	none			40	sandy clay loam	none
NB072038	1	LF			5	2	wavy	none	abundant	medium	throughout	10	n/a	none
NB072038	2	H			2	0	wavy	none	abundant	medium	throughout	10	n/a	none
NB072038	3	A	h		0	-3	irregular	none	abundant	medium	throughout	10	n/r	none
NB072038	4	A	e		-3	-10	irregular	none	abundant	medium	throughout	20	n/r	none
NB072038	5	B	f		-10	-23	irregular	none	few	fine	in cracks	50	silty loam	none
NB072038	6	BC			-23	-38	irregular	none	few	fine	in cracks	70	n/r	none
NB072038	7	C			-38	-48	n/a	none	few	fine	in cracks	90	silty loam	none
NB072038	8	RX	v		-48		n/a	n/a	none			0	n/a	none
NB072039	1	LF			6	2	irregular	none	abundant	medium	throughout	5	n/a	none
NB072039	2	H			2	0	irregular	none	abundant	medium	throughout	15	n/a	none
NB072039	3	A	h		0	-2	wavy	none	abundant	medium	throughout	20	n/r	none
NB072039	4	A	e		-2	-10	irregular	none	abundant	medium	throughout	30	n/r	none
NB072039	5	B	f		-10	-18	irregular	none	few	fine	in cracks	30	sandy clay loam	none
NB072039	6	BC			-18	-33	wavy	none	few	fine	in cracks	40	n/r	none
NB072039	7	C			-33	-53 *	n/a	none	few	fine	in cracks	40	sandy clay loam	none
NB072040	1	LF			6	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072040	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072040	3	A	h		0	-3	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072040	4	A	e		-3	-13	irregular	none	abundant	coarse	throughout	30	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072040	5	B	f		-13	-33	irregular	none	few	medium	in cracks	40	loam	none
NB072040	6	BC			-33	-48	irregular	none	few	medium	in cracks	60	n/r	none
NB072040	7	C			-48	-73 *	n/a	none	few	medium	in cracks	70	silty loam	none
NB072041	1	LF			4	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072041	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072041	3	A	h		0	-3	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072041	4	A	e		-3	-13	irregular	none	abundant	coarse	throughout	30	n/r	none
NB072041	5	B	f		-13	-23	irregular	none	few	medium	in cracks	40	silty loam	none
NB072041	6	BC			-23	-30	irregular	none	few	medium	in cracks	60	n/r	none
NB072041	7	C			-31	-47	n/a	none	few	medium	in cracks	70	silty loam	none
NB072041	8	RX	v		-47		n/a	n/a	none			0	n/a	none
NB072042	1	LF			8	3	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072042	2	H			3	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072042	3	A	h		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072042	4	A	ej		-1	-5	irregular	none	abundant	coarse	throughout	15	n/r	none
NB072042	5	B	m		-5	-17	wavy	none	few	medium	in cracks	15	sandy clay loam	none
NB072042	6	BC			-17	-29	wavy	none	few	medium	in cracks	30	n/r	none
NB072042	7	C			-30	-52 *	n/a	none	few	medium	in cracks	40	sandy clay loam	none
NB072043	1	LF			6	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072043	2	H			2	0	smooth	none	abundant	coarse	throughout	40	n/a	none
NB072043	3	A	h		0	-15	wavy	none	abundant	coarse	throughout	50	n/r	none
NB072043	4	B	m		-15	-23	irregular	none	few	medium	in cracks	30	sandy clay loam	none
NB072043	5	BC			-23	-33	irregular	none	few	medium	in cracks	30	n/r	none
NB072043	6	C			-33	-53 *	n/a	none	few	medium	in cracks	35	sandy clay loam	none
NB072044	1	LF			6	2	wavy	none	few	medium	in cracks	0	n/a	none
NB072044	2	H			2	0	wavy	none	few	medium	in cracks	0	n/a	none
NB072044	3	A	h		0	-3	irregular	none	few	medium	in cracks	0	n/r	none
NB072044	4	A	p		-3	-21	irregular	none	few	medium	in cracks	10	n/r	none
NB072044	5	A	e		-21	-25	irregular	none	few	medium	in cracks	10	n/r	none
NB072044	6	B	f		-25	-38	irregular	none	few	medium	in cracks	10	loamy sand	none
NB072044	7	BC			-38	-53	irregular	none	few	medium	in cracks	10	n/r	none
NB072044	8	C			-48	-73 *	n/a	none	few	medium	in cracks	40	sand	none
NB072045	1	LF			6	2	irregular	none	abundant	coarse	throughout	0	needles	none
NB072045	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072045	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072045	4	A	e		-1	-7	irregular	none	few	medium	in cracks	10	n/r	none
NB072045	5	B	f		-7	-18	irregular	none	few	medium	in cracks	10	sandy loam	none
NB072045	6	BC			-18	-33	irregular	none	few	medium	in cracks	10	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072045	7	C			-33	-53 *	n/a	none	few	medium	in cracks	40	loamy sand	none
NB072046	1	LF			7	3	irregular	none	abundant	coarse	throughout	0	moosy	none
NB072046	2	H			3	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072046	3	A	h		0	-4	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072046	4	A	eg		-4	-17	irregular	visible	few	medium	in cracks	0	n/r	none
NB072046	5	B	fg		-17	-29	irregular	visible	few	medium	in cracks	10	clay loam	none
NB072046	6	BC	g		-29	-36	irregular	visible	few	medium	in cracks	10	n/r	none
NB072046	7	C	g		-36	-52 *	n/a	visible	few	medium	in cracks	15	sandy clay loam	none
NB072047	1	LF			5	2	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072047	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072047	3	A	ej		0	-1	irregular	none	abundant	coarse	throughout	15	n/r	none
NB072047	4	A	e		-1	-10	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072047	5	B	f		-10	-23	irregular	none	few	medium	in cracks	20	silty loam	none
NB072047	6	BC			-23	-38	wavy	none	few	medium	in cracks	30	n/r	none
NB072047	7	C			-38	-53 *	n/a	none	few	medium	in cracks	40	sandy clay loam	none
NB072048	1	LF			6	3	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072048	2	H			3	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072048	3	A	h		0	-3	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072048	4	A	e		-3	-10	wavy	none	abundant	coarse	throughout	20	n/r	none
NB072048	5	B	f		-10	-19	wavy	none	few	medium	in cracks	20	silty loam	none
NB072048	6	BC			-19	-35	wavy	none	few	medium	in cracks	30	n/r	none
NB072048	7	C			-35	-52 *	n/a	none	few	medium	in cracks	40	silty loam	none
NB072049	1	LF			6	3	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072049	2	H			3	0	irregular	none	abundant	coarse	throughout	10	n/a	none
NB072049	3	A	hj		0	-3	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072049	4	A	e		-3	-13	irregular	none	abundant	coarse	throughout	30	n/r	none
NB072049	5	B	m		-13	-23	irregular	none	few	medium	in cracks	30	silty loam	none
NB072049	6	BC			-23	-35	wavy	none	few	medium	in cracks	30	n/r	none
NB072049	7	C			-35	-52 *	n/a	none	few	medium	in cracks	30	sandy clay loam / clay loam	none
NB072050	1	LF			12	10	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072050	2	H			10	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072050	3	A	h		0	-4	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072050	4	A	e		-4	-16	irregular	visible	abundant	coarse	throughout	10	n/r	none
NB072050	5	B	g		-16	-25	irregular	visible	few	medium	in cracks	10	silty loam	none
NB072050	6	BC	g		-25	-32	irregular	visible	few	medium	in cracks	20	n/r	none
NB072050	7	C	g		-32	-45 *	n/a	visible	few	medium	in cracks	30	sandy clay loam	none
NB072051	1	LF			6	3	wavy	none	abundant	coarse	throughout	0	moosy	none
NB072051	2	H			3	0	irregular	none	abundant	coarse	throughout	0	n/a	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072051	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072051	4	A	e		-1	-6	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072051	5	B	m		-6	-19	irregular	none	few	medium	in cracks	20	silty loam	none
NB072051	6	BC			-19	-30	irregular	none	few	medium	in cracks	30	n/r	none
NB072051	7	C			-30	-50	n/a	none	few	medium	in cracks	75	sandy clay loam	none
NB072051	8	RX	v		-50		n/a	n/a	none			0	n/a	none
NB072052	1	LF			7	3	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072052	2	H			3	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072052	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072052	4	A	ej		-1	-5	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072052	5	B	f		-5	-17	irregular	none	few	medium	in cracks	20	silty loam	none
NB072052	6	BC			-17	-30	irregular	none	few	medium	in cracks	40	n/r	none
NB072052	7	C			-30	-52 *	n/a	none	few	medium	in cracks	50	sandy clay loam	none
NB072053	1	LF			6	3	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072053	2	H			3	0	irregular	none	abundant	coarse	throughout	20	n/a	none
NB072053	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072053	4	A	ej		-1	-9	irregular	none	abundant	coarse	throughout	50	n/r	none
NB072053	5	B	f		-9	-25	irregular	none	abundant	coarse	throughout	50	silty loam	none
NB072053	6	BC			-25	-42	irregular	none	few	medium	in cracks	50	n/r	none
NB072053	7	C			-42	-57 *	n/a	none	few	medium	in cracks	60	silty loam	none
NB072054	1	LF			5	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072054	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072054	3	A	h		0	-8	irregular	none	abundant	coarse	throughout	5	n/r	none
NB072054	4	B	m		-8	-23	irregular	none	abundant	coarse	throughout	20	silty loam	none
NB072054	5	BC			-23	-31	irregular	none	few	medium	in cracks	20	n/r	none
NB072054	6	C			-31	-53 *	n/a	none	few	medium	in cracks	30	sandy clay loam	none
NB072055	1	LF			5	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072055	2	h			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072055	3	A	h		0	-3	wavy	none	abundant	coarse	throughout	5	n/r	none
NB072055	4	A	e		-3	-10	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072055	5	B	f		-10	-23	irregular	none	abundant	coarse	throughout	20	silty loam	none
NB072055	6	BC			-23	-33	irregular	none	few	medium	in cracks	30	n/r	none
NB072055	7	C			-33	-53 *	n/a	none	few	medium	in cracks	60	sandy clay loam	none
NB072056	1	LF			5	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072056	2	H			2	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072056	3	A	h		0	-3	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072056	4	A	e		-3	-12	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072056	5	B	f		-12	-23	wavy	none	few	medium	in cracks	20	sandy loam	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072056	6	BC			-23	-33	wavy	none	few	medium	in cracks	20	n/r	none
NB072056	7	C			-33	-53 *	n/a	none	few	medium	in cracks	40	sandy clay loam	none
NB072057	1	LF			7	2	irregular	none	abundant	coarse	throughout	0	mossy	none
NB072057	2	h			2	0	irregular	none	abundant	coarse	throughout	5	n/a	none
NB072057	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072057	4	A	e		-1	-12	irregular	none	abundant	coarse	throughout	40	n/r	none
NB072057	5	B	f		-12	-23	irregular	none	few	medium	in cracks	50	silty loam	none
NB072057	6	BC			-23	-31	irregular	none	few	medium	in cracks	40	n/r	none
NB072057	7	C			-31	-53 *	n/a	none	few	medium	in cracks	50	sandy clay loam	none
NB072058	1	LF			7	2	wavy	none	abundant	coarse	throughout	0	mossy	none
NB072058	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072058	3	A	hj		0	-1	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072058	4	B	ej		-1	-6	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072058	5	B	m		-6	-23	irregular	visible	abundant	coarse	throughout	20	sandy clay loam	none
NB072058	6	BC			-23	-33	irregular	none	few	medium	in cracks	20	n/r	none
NB072058	7	C			-33	-53 *	n/a	none	few	medium	in cracks	30	sandy clay loam	none
NB072059	1	LF			9	2	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072059	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072059	3	A	hg		0	-1	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072059	4	A	eg		-1	-10	irregular	none	abundant	coarse	throughout	50	n/r	none
NB072059	5	B	m		-10	-18	irregular	visible	few	medium	in cracks	50	sandy loam	none
NB072059	6	BC			-18	-28	irregular	none	few	medium	in cracks	60	n/r	none
NB072059	7	C			-28	-43.5 *	n/a	none	few	medium	in cracks	50	sandy clay loam	none
NB072060	1	LF			4	1	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072060	2	H			1	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072060	3	A	h		0	-4	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072060	4	A	e		-4	-17	irregular	none	abundant	coarse	throughout	30	n/r	none
NB072060	5	B	f		-17	-25	irregular	none	abundant	coarse	throughout	30	silty loam	none
NB072060	6	BC			-25	-32	irregular	none	few	medium	in cracks	30	n/r	none
NB072060	7	C			-32	-54 *	n/a	none	few	medium	in cracks	40	sandy clay loam	none
NB072061	1	LF			6	1	irregular	none	abundant	coarse	throughout	0	mossy	none
NB072061	2	H			1	0	irregular	none	abundant	coarse	throughout	0	n/a	none
NB072061	3	A	h		0	-2	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072061	4	A	e		-2	-17	irregular	none	few	medium	in cracks	50	n/r	none
NB072061	5	B	f		-17	-34	irregular	none	few	medium	in cracks	35	sandy clay loam	none
NB072061	6	BC			-34	-44	wavy	none	few	medium	in cracks	35	n/r	none
NB072061	7	C			-44	-64 *	n/a	none	few	medium	in cracks	30	sandy clay loam	none
NB072062	1	LF			5	2	wavy	none	abundant	coarse	throughout	0	n/a	none

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## Soil Horizon Profile Data

Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NB072062	2	H			2	0	irregular	none	abundant	coarse	throughout	10	n/a	none
NB072062	3	A	h		0	-2	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072062	4	A	e		-2	-14	irregular	none	few	medium	in cracks	40	n/r	none
NB072062	5	B	f		-14	-24	irregular	none	few	medium	in cracks	25	sandy clay loam	none
NB072062	6	BC			-24	-35	irregular	none	few	medium	in cracks	25	n/r	none
NB072062	7	C			-35	-63 *	n/a	none	few	medium	in cracks	30	sandy loam	none
NB072063	1	LF			6	2	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072063	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072063	3	A	h		0	-4	wavy	none	abundant	coarse	throughout	10	n/r	none
NB072063	4	A	ej		-4	-11	irregular	none	abundant	coarse	throughout	20	n/r	none
NB072063	5	B	f		-11	-23	irregular	none	few	medium	in cracks	30	silty loam	none
NB072063	6	BC			-23	-38	irregular	none	few	medium	in cracks	40	n/r	none
NB072063	7	C			-38	-58 *	n/a	none	few	medium	in cracks	60	sandy clay loam	none
NB072064	1	LF			5	2	irregular	none	abundant	coarse	throughout	10	n/a	none
NB072064	2	H			2	0	irregular	none	abundant	coarse	throughout	10	n/a	none
NB072064	3	A	h		0	-2	irregular	none	abundant	coarse	throughout	30	n/r	none
NB072064	4	A	e		-2	-8	irregular	none	plentiful	medium	in cracks	30	n/r	none
NB072064	5	B	m		-8	-20	irregular	none	plentiful	medium	in cracks	20	silty clay loam	none
NB072064	6	BC			-20	-38	irregular	none	plentiful	medium	in cracks	20	n/r	none
NB072064	7	C			-38	-63 *	n/a	none	plentiful	medium	in cracks	35	sandy clay loam	none
NB072065	1	LF			5	2	wavy	none	abundant	coarse	throughout	0	n/r	none
NB072065	2	H			2	0	wavy	none	abundant	coarse	throughout	0	n/a	none
NB072065	3	A	hj		0	-2	wavy	none	abundant	coarse	throughout	10	n/r	none
NB072065	4	A	e		-2	-14	irregular	none	abundant	coarse	throughout	30	n/r	none
NB072065	5	B	f		-14	-31	irregular	none	plentiful	coarse	in cracks	30	sandy loam	none
NB072065	6	BC			-31	-37	irregular	none	plentiful	coarse	in cracks	30	n/r	none
NB072065	7	C			-37	-58 *	n/a	none	few	coarse	in cracks	60	silty loam	none
NB072066	1	LF			7	2	irregular	none	abundant	coarse	throughout	0	n/r	none
NB072066	2	H			2	0	irregular	none	abundant	coarse	throughout	10	n/a	none
NB072066	3	A	h		0	-5	irregular	none	abundant	coarse	throughout	10	n/r	none
NB072066	4	A	ej		-5	-8	irregular	none	abundant	coarse	throughout	25	n/r	none
NB072066	5	B	f		-8	-23	irregular	none	few	medium	in cracks	25	sandy clay loam	none
NB072066	6	BC			-23	-43	irregular	none	few	medium	in cracks	30	n/r	none
NB072066	7	C			-43	-58 *	n/a	none	few	medium	in cracks	35	sandy clay loam	none
NS071001	1	LF			10	3	n/r	none	abundant	fine	throughout	0	n/a	none
NS071001	2	H			3	0	n/r	none	abundant	fine	throughout	0	n/a	none
NS071001	3	A	he		0	-3	broken	none	abundant	fine	throughout	0	n/r	none
NS071001	4	B	f		-3	-36	irregular	none	abundant	medium	throughout	3	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071001	5	B	m		-36	-48	irregular	none	few	fine	throughout	0	n/r	none
NS071001	6	BC			-48	-59	irregular	none	none			0	n/r	none
NS071001	7	C			-59	n/r	n/a	none	none			0	n/r	none
NS071002	1	F			6	1	n/r	none	none			0	n/a	none
NS071002	2	H			1	0	smooth	none	plentiful	fine	matted	0	n/a	none
NS071002	3	A	e		0	-14	wavy	none	plentiful	medium	throughout	30	sandy loam	none
NS071002	4	B	f		-14	-44	irregular	none	abundant	medium	throughout	25	sandy loam	none
NS071002	5	BC			-44	-69	irregular	none	few	fine	throughout	45	sandy loam	none
NS071002	6	C			-69	-79 *	n/a	none	few	medium	in cracks	60	sandy loam	none
NS071003	1	LF			6	1	smooth	none	few	fine	throughout	0	n/a	none
NS071003	2	H			1	0	irregular	none	plentiful	fine	throughout	10	n/a	none
NS071003	3	A	h		0	-1	smooth	none	abundant	fine	throughout	20	n/r	none
NS071003	4	A	e		-1	-6	wavy	none	plentiful	fine	throughout	10	n/r	none
NS071003	5	B	f		-6	-34	wavy	none	plentiful	fine	throughout	5	loamy sand	none
NS071003	6	BC			-34	-49	wavy	none	few	fine	matted	2	sandy loam	none
NS071003	7	C			-49	-79 *	n/a	none	-	fine	throughout	0	loamy sand	none
NS071004	1	LF			2	1	smooth	none	plentiful	fine	matted	20	n/a	none
NS071004	2	A	h		1	0	smooth	none	few	fine	throughout	10	n/r	none
NS071004	3	B	m		0	-22	broken	visible	few	medium	throughout	5	silty clay	none
NS071004	4	B	g		-22	-28	smooth	none	few	fine	throughout	5	sandy clay	none
NS071004	5	BC			-28	-39	smooth	none	few	fine	throughout	3	silty clay loam	none
NS071004	6	C			-39	-89 *	n/a	none	none			0	sandy clay	none
NS071005	1	LF			5	4	smooth	none	abundant	coarse	throughout	10	n/a	none
NS071005	2	A	h		4	0	broken	none	plentiful	fine	throughout	15	n/r	none
NS071005	3	A	e		0	-5	smooth	none	abundant	medium	throughout	25	n/r	none
NS071005	4	B	f		-5	-19	smooth	none	plentiful	fine	throughout	20	sandy clay	none
NS071005	5	BC			-19	-24	smooth	none	few	fine	throughout	2	sandy clay	none
NS071005	6	C			-24	-121 *	n/a	none	none			0	clay	none
NS071006	1	LF			8	5	wavy	none	plentiful	fine	matted	0	n/a	none
NS071006	2	H			5	0	wavy	none	plentiful	fine	matted	0	n/a	none
NS071006	3	A	h		0	0	wavy	none	plentiful	fine	throughout	5	n/r	none
NS071006	4	B	m		0	-28	wavy	none	plentiful	fine	throughout	8	sandy clay loam	none
NS071006	5	BC	gj		-28	-52	wavy	visible	few	fine	in cracks	10	sandy clay loam	none
NS071006	6	C			-52	-120 *	n/a	none	-	fine	-	0	sandy clay	none
NS071007	1	LF			3.5	1.5	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071007	2	H			1.5	0	smooth	none	abundant	fine	throughout	0	n/a	none
NS071007	3	B	f		0	-32	wavy	none	plentiful	medium	throughout	0	n/r	none
NS071007	4	B	m		-32	-37	wavy	none	few	fine	throughout	0	n/r	none

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## Soil Horizon Profile Data

Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071007	5	BC	gj		-37	-53.5	wavy	visible	few	fine	throughout	0	silty clay loam	none
NS071007	6	C			-53.5	n/r	n/a	none	none			25	n/r	none
NS071008	1	LF			36.5	35	smooth	none	abundant	fine	throughout	5	n/a	none
NS071008	2				35	0	smooth	none	plentiful	fine	in cracks	40	sandy loam	none
NS071009	1	LF			15	6	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071009	2	H			6	0	irregular	none	abundant	medium	throughout	3	n/a	none
NS071009	3	A	h		0	-3	irregular	none	plentiful	fine	throughout	15	n/r	none
NS071009	4	A	e		-3	-8	irregular	none	plentiful	fine	throughout	25	n/r	none
NS071009	5	B			-8	-23	irregular	none	plentiful	fine	throughout	30	sandy loam	none
NS071009	6	BC			-23	-37	smooth	visible	none			50	sandy loam	none
NS071009	7	C			-37	-59 *	n/a	none	none			50	sandy loam	none
NS071010	1	LF			3.5	0.5	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071010	2	H			0.5	0	broken	none	few	fine	throughout	0	n/a	none
NS071010	3	A	h		0	-8	wavy	none	plentiful	medium	throughout	5	n/r	none
NS071010	4	A	e		-8	-14	broken	none	few	fine	throughout	2	sandy loam	none
NS071010	5	B	f1		-14		wavy	none	few	medium	throughout	7	loamy sand	none
NS071010	6	B	f2			-44	wavy	none	few	medium	throughout	7	loamy sand	none
NS071010	7	C			-44	-74.5 *	n/a	none	few	coarse	in cracks	15	silty loam	none
NS071011	1	LF			7	3	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071011	2	H			3	0	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071011	3	A	h		0	-2	smooth	none	plentiful	fine	throughout	2	n/r	none
NS071011	4	B	f		-2	-15	wavy	none	plentiful	medium	throughout	8	silty clay loam	none
NS071011	5	C			-15	-77 *	n/a	none	few	fine	in cracks	10	silty sand	none
NS071012	1	LF			6	2	smooth	none	few	fine	throughout	0	n/a	none
NS071012	2	H			2	0	smooth	none	plentiful	medium	throughout	3	n/a	none
NS071012	3	A	h		0	-10	smooth	none	few	medium	throughout	8	n/r	none
NS071012	4	A	e		-10	-14	broken	none	few	fine	throughout	15	n/r	none
NS071012	5	B	f		-14	-30	wavy	none	few	medium	throughout	15	loamy sand	none
NS071012	6	BC			-30	-40	wavy	visible	few	fine	throughout	15	loamy sand	none
NS071012	7	C			-40	-85 *	n/a	none	few	fine	throughout	20	loamy sand	none
NS071013	1	LF			9	3	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071013	2	H			3	0	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071013	3	A	h		0	-4	wavy	none	plentiful	medium	throughout	20	n/r	none
NS071013	4	B	f		-4	-31	wavy	none	plentiful	medium	throughout	25	loamy sand	none
NS071013	5	BC			-31	-48	wavy	none	few	medium	throughout	30	loamy sand	none
NS071013	6	C			-48	-80 *	n/a	none	none			45	sandy loam	none
NS071014	1	LF			2.5	0.5	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071014	2	H			0.5	0	wavy	none	plentiful	fine	throughout	5	n/a	none



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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071014	3	A	h		0	-5	wavy	none	plentiful	fine	throughout	10	n/r	none
NS071014	4	B	f		-5	-24.5	wavy	none	few	medium	throughout	25	sandy loam	none
NS071014	5	B	h		-24.5	-43	wavy	none	few	coarse	throughout	25	loamy sand	none
NS071014	6	C			-43	-72.5 *	n/a	visible	few	coarse	throughout	30	loamy sand	none
NS071015	1	LF			4	2	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071015	2	H			2	0	smooth	none	none			0	n/a	none
NS071015	3	A	h		0	-6	smooth	none	abundant	coarse	matted	10	n/r	none
NS071015	4	B	fh		-6	-43	wavy	visible	plentiful	fine	throughout	15	loam	none
NS071015	5	BC			-43	-65	wavy	visible	few	medium	in cracks	20	sandy loam	none
NS071015	6	C			-65	-81 *	n/a	none	none			30	sandy loam	none
NS071016	1	LF			3	1	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071016	2	H			1	0	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071016	3	A	h		0	-4	smooth	none	plentiful	medium	throughout	5	n/r	none
NS071016	4	B	f		-4	-21	wavy	none	few	medium	throughout	5	n/r	none
NS071016	5	BC			-21	-41	wavy	visible	none			5	n/r	none
NS071016	6	C			-41	-53 *	n/a	visible	none			5	n/r	none
NS071017	1	LF			10	3	smooth	none	abundant	fine	throughout	0	n/a	none
NS071017	2	H			3	0	smooth	none	plentiful	coarse	throughout	5	n/a	none
NS071017	3	A	h		0	-0.5	broken	none	plentiful	medium	throughout	15	n/r	none
NS071017	4	A	e		-0.5	-1.5	broken	none	few	medium	throughout	20	n/r	none
NS071017	5	B	f		-1.5	-31.5	wavy	none	plentiful	fine	throughout	25	sandy loam	none
NS071017	6	C			-31.5	-60 *	n/a	none	few	fine	matted	40	sandy loam	none
NS071018	1	LF			12	5	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071018	2	H			5	0	wavy	none	plentiful	coarse	throughout	0	n/a	none
NS071018	3	B	f		0	-19	wavy	none	abundant	medium	throughout	20	sandy loam	none
NS071018	4	BC			-19	-39	smooth	visible	plentiful	fine	throughout	25	sandy loam	none
NS071018	5	C			-39	-66 *	n/a	none	none			35	sandy loam	none
NS071019	1	LF			3	2	smooth	none	few	fine	throughout	0	n/a	none
NS071019	2	H			2	0	smooth	none	few	fine	throughout	0	n/a	none
NS071019	3	A	e		0	-4	broken	none	few	coarse	throughout	20	n/r	none
NS071019	4	A	h		-4	-5	broken	none	abundant	fine	throughout	20	n/r	none
NS071019	5	B	f		-5	-52	smooth	none	abundant	fine	throughout	25	fine sand	none
NS071019	6	BC			-52	-64	smooth	visible	few	fine	matted	30	medium sand	none
NS071019	7	C			-64	-80 *	n/a	none	none			50	medium sand	none
NS071020	1	LF			6	2	smooth	none	few	fine	throughout	0	n/a	none
NS071020	2	H			2	0	smooth	none	abundant	medium	throughout	5	n/a	none
NS071020	3	A	e		0	-12	irregular	none	few	fine	throughout	10	n/r	none
NS071020	4	A	h		-12	-16	irregular	none	plentiful	fine	throughout	10	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071020	5	B	f		-16	-32	wavy	visible	plentiful	medium	throughout	15	fine sand	none
NS071020	6	BC			-32	-42	wavy	visible	few	medium	in cracks	20	medium sand	none
NS071020	7	C			-42	-70 *	n/a	none	none			25	medium sand	none
NS071021	1	LF			1.25	0.25	smooth	none	abundant	fine	throughout	0	n/a	none
NS071021	2	H			0.25	0	wavy	none	abundant	fine	throughout	0	n/a	none
NS071021	3	A	h		0	-19	wavy	none	abundant	fine	throughout	10	n/r	none
NS071021	4	B	f1		-19	-42	wavy	none	plentiful	medium	throughout	15	loamy sand	none
NS071021	5	B	f2		-42	-53	wavy	none	few	fine	throughout	15	fine sand	none
NS071021	6	BC			-53	-65	wavy	visible	none			20	medium sand	none
NS071021	7	C			-65	-92.75 *	n/a	none	few	medium	throughout	50	medium sand	none
NS071022	1	LF			3.5	0.5	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071022	2	H			0.5	0	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071022	3	A	e		0	-3	broken	none	few	medium	throughout	10	n/r	none
NS071022	4	B	f		-3	-35	wavy	none	abundant	medium	throughout	15	loamy sand	none
NS071022	5	BC			-35	-59.5	n/a	none	few	coarse	throughout	33	loamy sand	none
NS071022	6	Rx			-59.5		n/a	n/a	none			0	n/a	none
NS071023	1	LF			10	4	smooth	none	abundant	medium	throughout	0	n/a	none
NS071023	2	H			4	0	smooth	none	abundant	fine	throughout	0	n/a	none
NS071023	3	A	e		0	-1	broken	none	few	coarse	throughout	5	n/r	none
NS071023	4	A	h		-1	-6	broken	none	abundant	fine	throughout	5	n/r	none
NS071023	5	B	f		-6	-19	wavy	none	few	coarse	throughout	10	silty sand	none
NS071023	6	BC			-19	-46	wavy	visible	few	fine	matted	15	sandy clay loam	none
NS071023	7	C			-46	-68 *	n/a	none	none			25	sandy clay loam	none
NS071024	1	LF			9.5	2.5	smooth	none	abundant	medium	throughout	2	n/a	none
NS071024	2	H			2.5	0	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071024	3	A	e		0	-5	irregular	none	few	fine	throughout	5	n/r	none
NS071024	4	B	f		-5	-23	wavy	none	plentiful	medium	throughout	10	silty sand	none
NS071024	5	BC			-23	-36	wavy	visible	few	fine	throughout	15	sandy clay loam	none
NS071024	6	C			-36	-52.5 *	n/a	visible	none			20	sandy clay loam	none
NS071025	1	LF			5.25	0.25	smooth	none	abundant	fine	throughout	0	n/a	none
NS071025	2	H			0.25	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071025	3	A	h		0	-1.75	broken	none	few	fine	throughout	5	n/r	none
NS071025	4	B	f1		-1.75	-28.75	wavy	none	plentiful	medium	throughout	10	silty clay loam	none
NS071025	5	B	f2		-28.75	-44.75	wavy	none	few	coarse	throughout	15	silty loam	none
NS071025	6	C			-44.75	-62.75 *	n/a	none	few	medium	throughout	20	silty sand	none
NS071026	1	LF			5	1	smooth	none	abundant	fine	throughout	5	n/a	none
NS071026	2	H			1	0	smooth	none	abundant	medium	throughout	5	n/a	none
NS071026	3	A	h		0	-0.5	broken	none	plentiful	medium	throughout	25	n/r	none

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## Soil Horizon Profile Data

Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071026	4	A	e		-0.5	-6.5	broken	none	few	medium	throughout	40	n/r	none
NS071026	5	B	f		-6.5	-29	n/r	none	plentiful	medium	throughout	40	silty clay loam	none
NS071027	1	LF			8	2	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071027	2	H			2	0	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071027	3	A	h		0	-1	broken	none	abundant	fine	throughout	5	n/r	none
NS071027	4	A	e		-1	-2	broken	none	few	fine	throughout	15	n/r	none
NS071027	5	B	f		-2	-34	wavy	visible	plentiful	fine	throughout	15	sandy loam	none
NS071027	6	C			-34	-68 *	n/a	none	none			25	sandy clay loam	none
NS071028	1	LF			10	2	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071028	2	H			2	0	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071028	3	A	h		0	-0.5	broken	none	plentiful	coarse	throughout	10	n/r	none
NS071028	4	A	e		-0.5	-3	broken	none	few	medium	throughout	20	n/r	none
NS071028	5	B	f1		-3	-32	wavy	visible	few	coarse	throughout	20	loam	none
NS071028	6	B	f2		-32	-64	wavy	none	few	fine	throughout	25	silty clay loam	none
NS071028	7	C			-64	-94 *	n/a	none	none			40	silty loam	none
NS071029	1	LF			4.5	0.5	smooth	none	abundant	fine	throughout	0	n/a	none
NS071029	2	H			0.5	0	smooth	none	plentiful	coarse	throughout	0	n/a	none
NS071029	3	A	h		0	-1	wavy	none	plentiful	medium	throughout	10	n/r	none
NS071029	4	A	e		-1	-2.5	broken	none	few	medium	throughout	20	n/r	none
NS071029	5	B	f1		-2.5	-17.5	wavy	none	plentiful	medium	throughout	20	silty clay loam	none
NS071029	6	B	f2		-17.5	-50.5	smooth	visible	few	medium	matted	25	sandy loam	none
NS071029	7	C			-50.5	-91.5 *	n/a	none	none			40	loamy sand	none
NS071030	1	LF			13	12	smooth	none	none			20	n/a	none
NS071030	2	A	h		12	0	wavy	none	abundant	medium	throughout	30	n/r	none
NS071030	3	B	f		0	-13	wavy	none	abundant	fine	throughout	25	sandy loam	none
NS071030	4	B	fj		-13	-31	wavy	visible	plentiful	medium	throughout	30	sandy loam	none
NS071030	5	C			-31	-56 *	n/a	none	few	medium	matted	45	sandy clay loam	none
NS071031	1	LF			2	1	smooth	none	few	fine	throughout	0	n/a	none
NS071031	2	H			1	0	smooth	none	few	fine	throughout	0	n/a	none
NS071031	3	A	h		0	-6	wavy	none	plentiful	medium	throughout	5	n/r	none
NS071031	4	A	e		-6	-7	broken	none	few	fine	matted	10	n/r	none
NS071031	5	B	f		-7	-17	wavy	none	few	fine	throughout	10	sandy loam	none
NS071031	6	BC			-17	-33	wavy	visible	few	medium	throughout	15	loamy sand	none
NS071031	7	C			-33	-59 *	n/a	none	none			20	loamy sand	none
NS071032	1	LF			6	3	smooth	none	abundant	fine	throughout	2	n/a	none
NS071032	2	H			3	0	smooth	none	plentiful	fine	throughout	5	n/a	none
NS071032	3	A	h		0	-2	broken	none	plentiful	fine	throughout	10	n/r	none
NS071032	4	A	e		-2	-3	broken	none	plentiful	fine	throughout	5	n/r	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071032	5	B	f		-3	-24	wavy	none	few	medium	throughout	25	loamy sand	none
NS071032	6	C			-24	-63 *	n/a	none	few	fine	in cracks	40	loamy sand	none
NS071033	1	LF			4	3	smooth	none	none			0	n/a	none
NS071033	2	H			3	0	smooth	none	abundant	fine	throughout	5	n/a	none
NS071033	3	A	e		0	-8	broken	none	few	fine	throughout	15	n/r	none
NS071033	4	B	f		-8	-32	irregular	none	plentiful	fine	throughout	20	silty clay loam	none
NS071033	5	BC			-32	-51	wavy	none	few	fine	throughout	25	silty clay loam	none
NS071033	6	C			-51	-62 *	n/a	none	few	medium	throughout	30	loamy sand	none
NS071034	1	LF			5	3	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071034	2	H			3	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071034	3	A	h		0	-5	smooth	none	abundant	fine	throughout	0	n/r	none
NS071034	4	B	h		-5	-36	smooth - wavy	none	plentiful	medium	throughout	5	sandy loam	none
NS071034	5	B	m		-36	-52	smooth - wavy	visible	few	medium	in cracks	15	sandy loam	none
NS071034	6	C			-52	-66 *	n/a	none	none			20	loam	none
NS071035	1	LF			6	4	smooth	none	abundant	fine	throughout	0	n/a	none
NS071035	2	H			4	0	smooth	none	abundant	medium	throughout	0	n/a	none
NS071035	3	A	h		0	-19	wavy	none	few	coarse	throughout	5	n/r	none
NS071035	4	B	hf		-19	-31	irregular	visible	few	medium	in cracks	5	sandy clay	none
NS071035	5	B	m		-31	-43	wavy	visible	few	fine	in cracks	5	sandy clay	none
NS071035	6	C			-43	-64 *	n/a	none	none			10	clay	none
NS071036	1	LF			7.5	0.5	smooth	none	few	fine	throughout	0	n/a	none
NS071036	2	H			0.5	0	smooth	none	few	fine	throughout	0	n/a	none
NS071036	3	A	h		0	-10	irregular	none	abundant	coarse	throughout	5	n/r	none
NS071036	4	B	f		-10	-31	irregular	none	abundant	fine	throughout	20	loamy sand	none
NS071036	5	C	1		-31	-48 *	n/a	none	few	fine	throughout	30	loamy sand	none
NS071036	6	C	2		-48	-72.5 *	n/a	none	none			35	loamy sand	none
NS071037	1	LF			1.5	0.5	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071037	2	H			0.5	0	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071037	3	A	h		0	-13	smooth	none	abundant	coarse	throughout	40	n/r	none
NS071037	4	B	fh		-13	-24	broken	none	abundant	fine	throughout	40	sandy loam	none
NS071037	5	C			-24	-55.5 *	n/a	none	few	medium	in cracks	50	sandy loam	none
NS071038	1	LF			3	2	smooth	none	none			0	n/a	none
NS071038	2	A	h1		2	0	smooth - wavy	none	plentiful	fine	throughout	0	n/r	none
NS071038	3	A	h2		0	-4	wavy	none	plentiful	coarse	throughout	0	n/r	none
NS071038	4	B	f		-4	-15	wavy	none	abundant	medium	throughout	5	sandy loam	none
NS071038	5	BC			-15	-49	wavy	none	few	fine	throughout	10	sandy loam	none
NS071038	6	C			-49	-77 *	n/a	none	none			15	sandy loam	none
NS071039	1	LF			9	4	smooth	none	none			0	n/a	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071039	2	H			4	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071039	3	A	h		0	-3	broken - wavy	none	plentiful	medium	throughout	5	n/r	none
NS071039	4	B	f		-3	-24	wavy	none	abundant	coarse	throughout	20	loamy sand	none
NS071039	5	BC			-24	-42	wavy	none	plentiful	medium	throughout	30	sandy loam	none
NS071039	6	C			-42	-69 *	n/a	none	few	coarse	in cracks	35	sandy loam	none
NS071040	1	LF			7	1	smooth	none	abundant	fine	throughout	0	n/a	none
NS071040	2	H			1	0	smooth	none	abundant	medium	throughout	0	n/a	none
NS071040	3	A	h		0	-1	broken	none	abundant	fine	throughout	5	n/r	none
NS071040	4	B	hf		-1	-8	smooth	none	plentiful	fine	throughout	10	sandy loam	none
NS071040	5	B	f		-8	-33	smooth	visible	few	fine	throughout	20	loam	none
NS071040	6	C			-33	-64 *	n/a	none	none			30	sandy loam	none
NS071041	1	LF			15	6	smooth	none	abundant	fine	throughout	0	n/a	none
NS071041	2	H			6	0	smooth	none	abundant	fine	throughout	0	n/a	none
NS071041	3	A	e		0	-12	wavy	none	few	fine	throughout	35	n/r	none
NS071041	4	B	f		-12	-24	irregular	none	abundant	fine	throughout	40	sandy loam	none
NS071041	5	C			-24	-54 *	n/a	none	few	medium	throughout	50	loam	none
NS071042	1	LF			6	1	smooth	none	abundant	fine	throughout	0	n/a	none
NS071042	2	H			1	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071042	3	A	e		0	-1	broken	none	few	coarse	throughout	35	n/r	none
NS071042	4	B	f		-1	-29	wavy	none	plentiful	fine	throughout	30	sandy loam	none
NS071042	5	BC			-29	-43	wavy	none	few	fine	in cracks	35	sandy loam	none
NS071042	6	C			-43	-59 *	n/a	none	none			40	loamy sand	none
NS071043	1	LF			9	8.5	smooth	none	none			0	n/a	none
NS071043	2	A	h		8.5	0	wavy	none	abundant	fine	throughout	10	n/r	none
NS071043	3	B	f		0	-38	wavy	none	abundant	fine	matted	20	sandy loam	none
NS071043	4	C			-38	-72.5 *	n/a	none	none			35	loam	none
NS071044	1	LF			2	1	smooth	none	abundant	fine	throughout	0	n/a	none
NS071044	2	A	h		1	0	broken	none	abundant	fine	throughout	20	n/r	none
NS071044	3	B	f1		0	-32	wavy	none	plentiful	medium	throughout	30	n/r	none
NS071044	4	B	f2		-32	-54	n/r	none	few	medium	throughout	30	n/r	none
NS071044	5	C			-54	-79 *	n/a	none	none			40	n/r	none
NS071045	1	LF			5	2	smooth	none	few	fine	throughout	10	n/a	none
NS071045	2	H			2	0	smooth	none	abundant	medium	throughout	10	n/a	none
NS071045	3	A	h		0	-0.5	broken	none	plentiful	fine	throughout	10	n/r	none
NS071045	4	B	f		-0.5	-24.5	wavy	none	abundant	medium	throughout	30	loamy sand	none
NS071045	5	BC			-24.5	-59.5	wavy	none	plentiful	medium	throughout	40	loamy sand	none
NS071045	6	C			-59.5	-90 *	n/a	none	-	-	throughout	45	sandy loam	none
NS071046	1	LF			11	6	smooth	none	plentiful	fine	throughout	0	n/a	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071046	2	H			6	0	smooth	none	plentiful	coarse	throughout	0	n/a	none
NS071046	3	A	e		0	-5	wavy	none	few	fine	throughout	20	n/r	none
NS071046	4	A	h		-5	-8	wavy - broken	none	abundant	fine	throughout	20	n/r	none
NS071046	5	B	fh		-8	-31	wavy	none	plentiful	fine	matted	20	n/r	none
NS071046	6	BC			-31	-40	wavy	none	few	fine	throughout	30	n/r	none
NS071046	7	C			-40	-66 *	n/a	none	none			30	n/r	none
NS071047	1	LF			7	3	smooth	none	none			0	n/a	none
NS071047	2	H			3	0	smooth	none	none			0	n/a	none
NS071047	3	A	e		0	-2	wavy	none	none			0	n/r	none
NS071047	4	B	f		-2	-19	irregular	none	none			0	n/r	none
NS071047	5	B	m1		-19	-45	wavy	none	none			0	n/r	none
NS071047	6	B	m2		-45	-55	wavy	none	none			0	n/r	none
NS071047	7	C			-55	-72 *	n/a	none	none			0	n/r	none
NS071048	1	LF			25	21	smooth	none	none			0	n/a	none
NS071048	2	A	h		21	0	wavy	none	plentiful	fine	throughout	20	n/r	none
NS071048	3	B	f		0	-22	broken	none	few	fine	throughout	40	sandy loam	none
NS071048	4	C			-22	-26 *	n/a	none	none			50	sandy loam	none
NS071049	1	LF			5	1	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071049	2	H			1	0	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071049	3	B	f		0	-25	irregular	none	abundant	fine	throughout	35	sandy loam	none
NS071049	4	BC			-25	-57	wavy	none	few	fine	throughout	50	sandy loam	none
NS071049	5	C			-57	-88 *	n/a	none	few	fine	throughout	50	loam	none
NS071050	1	LF			16	9	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071050	2	H			9	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071050	3	A	h		0	-6	wavy	none	few	fine	throughout	10	n/r	none
NS071050	4	B	f		-6	-51	wavy	none	few	medium	matted	10	loam	none
NS071050	5	C			-51	-70 *	n/a	none	none			50	sandy loam	none
NS071051	1	LF			16	6	smooth	none	few	fine	throughout	0	n/a	none
NS071051	2	H			6	0	smooth	none	plentiful	medium	throughout	0	n/a	none
NS071051	3	A	h		0	-4	wavy	none	few	fine	throughout	10	n/r	none
NS071051	4	B	f		-4	-51	wavy	none	few	fine	throughout	10	sandy loam	none
NS071051	5	C			-51	-71 *	n/a	none	none			15	sandy loam	none
NS071052	1	LF			4	1	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071052	2	H			1	0	smooth	none	plentiful	fine	throughout	10	n/a	none
NS071052	3	A	e		0	-2	smooth	none	few	coarse	throughout	25	n/r	none
NS071052	4	B	f		-2	-20	wavy	none	plentiful	medium	throughout	30	loamy sand	none
NS071052	5	C			-20	-54 *	n/a	none	plentiful	medium	throughout	40	loamy sand	none
NS071053	1	LF			18	12	smooth	none	plentiful	fine	throughout	0	n/a	none

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Site ID	Horizon				Depth (cm)		Horizon Boundary (base of horizon)	Redoximorphic	Roots			Coarse Fragments %	Soil Texture Field Observation	Effervescence
	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
NS071053	2	H			12	0	smooth	none	plentiful	coarse	throughout	0	n/a	none
NS071053	3	A	e		0	-2	wavy	none	few	medium	throughout	20	n/r	none
NS071053	4	B	f		-2	-20	wavy	visible	few	fine	throughout	25	sandy clay loam	none
NS071053	5	C			-20	-43 *	n/a	none	none			25	sandy clay loam	none
NS071054	1	LF			1.5	0.5	smooth	none	few	fine	throughout	0	n/a	none
NS071054	2	H			0.5	0	smooth	none	few	medium	throughout	0	n/a	none
NS071054	3	A	h		0	-5.5	irregular	none	plentiful	medium	throughout	15	n/r	none
NS071054	4	B	f		-5.5	-28.5	wavy	none	plentiful	medium	throughout	15	loam	none
NS071054	5	C			-28.5	-80.5 *	n/a	none	few	coarse	throughout	20	loamy sand	none
NS071055	1	LF			4	1	smooth	none	abundant	medium	throughout	0	n/a	none
NS071055	2	H			1	0	wavy	none	plentiful	medium	throughout	0	n/a	none
NS071055	3	A	h		0	-15	wavy	none	abundant	fine	throughout	25	n/r	none
NS071055	4	B	f		-15	-39	wavy	none	plentiful	medium	throughout	30	sand	none
NS071055	5	B	fc		-39	-70	wavy	none	none			60	sand	none
NS071055	6	C			-70	-78 *	n/a	none	none			60	medium sand	none
NS071056	1	LF			25.5	25	smooth	none	few	fine	throughout	0	n/a	none
NS071056	2	A	h		25	0	wavy	none	few	fine	throughout	5	n/r	none
NS071056	3	B	fh		0	-16	wavy	none	few	fine	throughout	10	sandy loam	none
NS071056	4	B	f		-16	-54	wavy	none	few	medium	in cracks	15	loam	none
NS071056	5	BC			-54	-67 *	n/r	none	none			15	loam	none
NS071057	1	LF			4	1	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071057	2	H			1	0	smooth	none	plentiful	fine	throughout	0	n/a	none
NS071057	3	A	h		0	-22	wavy	none	plentiful	fine	throughout	15	n/r	none
NS071057	4	B	mgj		-22	-30	wavy	visible	few	fine	throughout	20	sandy loam	none
NS071057	5	C			-30	-81 *	n/a	visible	none			30	sandy loam	none
PE071001	1	A	p		18	0	smooth	none	none			0	sandy loam	none
PE071001	2	B	f		0	-6	irregular	none	none			0	sandy loam	none
PE071001	3	BC			-6	-74 *	irregular	none	none			5	sandy loam	none
PE071002	1	LF			5	3	smooth	none	none			0	n/a	none
PE071002	2	A	h		3	0	wavy	none	abundant	fine	throughout	0	sandy loam	none
PE071002	3	A	e		0	-4	irregular	none	abundant	fine	throughout	0	sandy loam	none
PE071002	4	B	f		-4	-27	irregular	none	abundant	medium	throughout	0	sandy loam	none
PE071002	5	BC			-27	-82 *	n/r	none	few	fine	in cracks	3	sandy loam	none
PE071003	1	LF			7	4	smooth	none	none			0	n/a	none
PE071003	2	A	h		4	0	smooth	none	abundant	fine	throughout	0	n/r	none
PE071003	3	A	e		0	-6	broken	none	plentiful	medium	in cracks	0	silty loam	none
PE071003	4	B	f		-6	-19	wavy	none	few	coarse	throughout	0	silty loam	none
PE071003	5	BC			-19	-86 *	n/r	none	few	fine	throughout	15	silty loam	none

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	#	Ma	Suffix	M	Up	Low			Quantity	Size	Location			
PE071004	1	LH			6	4	n/r	none	none			0	n/a	none
PE071004	2	A	h		4	0	smooth	none	few	fine	throughout	0	n/r	none
PE071004	3	A	e		0	-18	broken	none	abundant	fine	throughout	0	n/r	none
PE071004	4	B	f		-18	-36	wavy	none	few	fine	throughout	5	n/r	none
PE071004	5	C			-36	-81 *	n/a	none	none			5	sandy loam	none
PE071005	1	LF			9	7	smooth	none	none			0	n/a	none
PE071005	2	A	h		7	0	smooth	none	abundant	fine	matted	0	n/r	none
PE071005	3	A	e		0	-10	broken	none	plentiful	fine	throughout	0	sandy loam	none
PE071005	4	B	f		-10	-43	wavy	none	few	fine	throughout	0	sandy loam	none
PE071005	5	BC			-73	-78 *	n/r	none	none			0	sandy loam	none
PE071006	1	LF			11	10	smooth	none	none			0	n/a	none
PE071006	2	A	h		10	0	smooth	none	abundant	fine	matted	0	n/r	none
PE071006	3	A	e		0	-10	irregular	none	few	fine	in cracks	0	sandy loam	none
PE071006	4	B	f		-10	-18	irregular	none	none			0	sandy loam	none
PE071006	5	BC			-18	-31	wavy	none	none			0	sandy loam	none
PE071006	6	C			-31	-85 *	n/a	none	none			0	sandy loam	none
PE071007	1	A	p		23	0	smooth	none	none			0	n/r	none
PE071007	2	BC			0	-15	wavy	none	none			0	silty loam	none
PE071007	3	C			-15	-72 *	n/a	none	none			0	silty loam	none
PE071008	1	LF			21	20	smooth	none	none			0	n/a	none
PE071008	2	A	p		20	0	smooth	none	plentiful	fine	throughout	0	sandy loam	none
PE071008	3	BC			0	-15	wavy	none	few	fine	throughout	3	sandy loam	none
PE071008	4	C			-15	-72 *	n/a	none	few	fine	in cracks	5	clay sandy loam	none
PE071009	1	LF			9	7	n/r	none	none			0	n/a	none
PE071009	2	A	h		7	0	smooth	none	abundant	fine	matted	0	n/r	none
PE071009	3	A	e		0	-23	smooth	none	few	fine	in cracks	0	silty clay loam	none
PE071009	4	B	f		-23	-41	smooth	none	none			0	n/r	none
PE071009	5	BC			-41	-88 *	n/r	none	none			2	silty clay loam	none