

Thompson, Pamela J.

From: no-reply@efilingmail.tylertech.cloud
Sent: Wednesday, April 10, 2024 8:34 AM
To: Thompson, Pamela J.
Subject: Filing Accepted for Case: 08-2024-CV-00694; Casey Voigt, et al. vs. North Dakota Public Service Commission, et al.; Envelope Number: 5616619

***** **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. *****

Filing Accepted

Envelope Number: 5616619
Case Number: 08-2024-CV-00694
Case Style: Casey Voigt, et al. vs. North Dakota Public Service Commission, et al.



The filing below was reviewed and has been accepted by the clerk's office. You may access the file copy of the document filed by clicking on the below link.

Filing Details	
Court	Burleigh County
Case Number	08-2024-CV-00694
Case Style	Casey Voigt, et al. vs. North Dakota Public Service Commission, et al.
Date/Time Submitted	4/9/2024 5:26 PM CST
Date/Time Accepted	4/10/2024 8:33 AM CST
Accepted Comments	
Filing Type	Exhibit
Filing Description	CR Exhibit 48 - Exhibit 31 - 2.1.7 OB Sample Analyses Pgs 1-150
Activity Requested	EFileAndServe
Filed By	Pamela Thompson
Filing Attorney	John Schuh

Document Details	
Lead Document	CR Exhibit 48 - Exhibit 31 - 2.1.7 OB Sample Analyses Pgs 1-150.pdf
Lead Document Page Count	150
File Copy	View Document

This link is active for 30 days. To access this document, you will be required to enter your email address. Click [here](#) for more information. If the link above is not accessible, copy this URL into your browser's address bar to view the document:

<https://northdakota.tylertech.cloud/ViewDocuments.aspx?FID=3b35bcee-4696-424d-88f7-0bbd2835a591>

For technical assistance, contact your service provider or
North Dakota Court's Information Technology Department 701-328-4218
Please do not reply to this email. It was automatically generated.

Casey and Julie Voigt v. Coyote Creek Mining Company, LLC
Case No. RC-23-348

2.1.7 OB Sample Analyses

Voigt Exhibit 31



Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/25/12
 Date Received: 07/06/12
 Date Reported: 08/14/12

Site: CC12004C

604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251661	36152	0-5	1.86	10.44	5.6	7.2	6.6	2.63	7.9	CLAY LOAM	25	36	39	64.8
13251662	36153	5-10	1.51	11.29	2.8	5.4	8.8	4.36	8.1	SILTY CLAY	17	42	41	85.4
13251663	36154	10-15	2.30	12.97	5.5	11.6	12.7	4.34	7.9	CLAY	15	14	71	95.1
13251664	36155	15-20	5.94	17.27	24.0	50.7	27.8	4.55	4.7	CLAY	39	14	47	78.1
13251665	36156	20-22	7.63	16.31	22.6	67.4	34.5	5.14	3.4	CLAY	45	12	43	69.4
13251666	36157	32-35	2.83	11.00	1.4	1.2	28.5	24.78	7.7	LOAM	33	46	21	73.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/25/12
 Date Received: 07/06/12
 Date Reported: 09/06/12

Site: CC12007C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251741	36181	0-5	1.65	12.59	3.8	8.7	8.3	3.33	8.0	CLAY LOAM	39	28	33	58.9
13251742	36182	5-10	4.82	16.02	20.1	33.4	23.6	4.57	7.9	CLAY LOAM	35	30	35	64.0
13251743	36183	10-15	4.41	14.56	22.9	23.0	18.3	3.81	7.6	CLAY	11	12	77	105.5
13251744	36184	15-20	4.98	15.05	25.2	27.7	22.0	4.28	7.4	CLAY LOAM	23	40	37	79.5
13251745	36185	20-25	4.76	14.49	20.4	29.1	19.5	3.91	7.2	CLAY	19	40	41	89.4
13251746	36186	25-30	3.30	17.16	9.8	27.9	18.9	4.36	7.9	SILTY CLAY LOAM	17	48	35	82.3
13251747	36187	30-35	5.63	16.72	18.2	56.5	19.5	3.19	7.8	SILTY CLAY LOAM	15	50	35	79.3
13251748	36188	35-40	7.80	23.38	34.3	119.9	28.2	3.21	5.7	CLAY LOAM	31	36	33	73.7
13251749	36189	48-53	2.59	12.15	6.3	8.2	17.0	6.33	7.0	SILTY CLAY LOAM	19	44	37	75.7



Coyote Creek LABORATORIES
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/25/12
 Date Received: 07/06/12
 Date Reported: 08/20/12

Site: CC-12008C

604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251701	35922	0-5	2.36	12.76	7.4	6.8	15.9	5.95	7.4	SANDY LOAM	76	13	11	28.9
13251702	35923	5-10	1.65	11.19	2.5	5.2	10.7	5.47	7.5	SANDY LOAM	67	14	19	45.1
13251703	35924	10-15	2.28	9.98	2.5	4.2	16.0	8.74	8.0	CLAY LOAM	43	24	33	71.3
13251704	35925	15-20	4.15	13.71	12.4	15.5	29.0	7.77	7.8	SANDY CLAY LOAM	47	24	29	61.0
13251705	35926	20-25	4.69	15.08	20.1	21.3	29.4	6.46	7.7	CLAY LOAM	43	26	31	63.6
13251706	35927	25-30	3.95	13.28	11.0	16.0	25.4	6.92	7.9	LOAM	35	38	27	64.7
13251707	35928	30-35	3.85	18.79	22.5	20.8	29.1	6.25	6.9	CLAY	21	26	53	80.5
13251708	35929	35-40	3.23	12.11	4.7	5.6	28.9	12.74	8.0	SILTY CLAY LOAM	19	42	39	85.2
13251709	35930	40-45	2.21	10.02	1.2	1.8	19.1	15.44	8.3	SILTY CLAY	9	42	49	141.5
13251710	35931	45-50	3.30	11.59	1.9	2.3	34.0	23.35	8.3	CLAY	13	40	47	131.1
13251711	35932	50-54	2.55	10.78	1.4	1.4	24.7	21.04	8.2	CLAY	7	24	69	116.1
13251712	35933	64-69	3.47	10.77	1.2	1.1	35.1	33.06	8.0	CLAY	19	28	53	118.8



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/26/12
Date Received: 07/06/12
Date Reported: 08/20/12

Site: CC12009C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366691	35827	0-5	2.55	12.44	8.8	9.9	13.1	4.28	7.9	SANDY CLAY LOAM	45	24	31	52.3
14366692	35828	5-10	3.16	10.69	3.3	7.5	23.0	9.94	8.1	CLAY LOAM	38	23	39	76.8
14366693	35829	10-15	2.70	11.83	3.0	5.3	23.6	11.51	8.2	LOAM	24	49	27	67.8
14366694	35830	15-20	4.28	10.50	6.4	7.9	30.6	11.44	8.0	SILTY CLAY LOAM	18	45	37	83.8
14366695	35831	20-25	2.23	10.59	1.7	2.0	19.9	14.53	8.3	CLAY	12	39	49	94.9
14366696	35832	25-30	3.36	11.51	3.1	3.6	32.0	17.55	7.4	CLAY	18	21	61	84.9
14366697	35833	30-35	3.94	11.88	3.2	3.3	40.4	22.50	7.2	CLAY	26	23	51	81.7
14366698	35834	35-40	2.93	9.62	0.7	0.8	26.6	29.89	8.2	SILTY CLAY	16	41	43	97.9
14366699	35835	40-45	2.57	11.01	0.5	0.8	27.0	33.87	8.5	CLAY	6	23	71	118.2
14366700	35836	45-50	2.76	10.39	0.6	0.6	27.5	35.66	8.4	CLAY	12	33	55	122.2
14366701	35837	50-55	2.72	10.97	0.5	0.5	28.9	41.26	8.4	CLAY	14	21	65	136.7
14366702	35838	55-60	2.16	9.65	0.3	0.3	20.2	36.83	8.7	CLAY LOAM	26	35	39	147.1
14366703	35839	60-65	1.98	11.08	0.3	0.3	21.3	38.54	8.7	SILTY CLAY	14	45	41	142.5
14366704	35840	65-70	2.62	9.18	0.3	0.3	23.4	41.47	8.7	CLAY	10	33	57	131.9
14366705	35841	70-72	0.92	10.51	0.2	0.2	9.3	20.70	8.5	CLAY LOAM	20	43	37	81.4
14366706	35842	83-88	2.05	10.99	0.4	0.4	21.7	32.95	8.0	CLAY	16	13	71	115.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/26/12
 Date Received: 07/06/12
 Date Reported: 09/06/12

Site: CC12010C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251721	35903	0-5	11.92	15.47	21.9	58.9	103.7	16.31	8.1	SANDY CLAY LOAM	56	17	27	45.0
13251722	35904	5-10	10.14	13.82	9.5	34.0	96.6	20.69	8.4	CLAY LOAM	42	23	35	73.7
13251723	35905	10-15	5.23	22.07	19.4	23.1	72.9	15.81	8.2	CLAY LOAM	24	37	39	85.8
13251724	35906	15-20	3.77	11.51	2.2	3.8	37.3	21.43	8.4	CLAY	14	37	49	92.6
13251725	35907	20-25	2.83	10.43	0.9	1.4	27.2	25.35	8.5	CLAY	14	33	53	85.9
13251726	35908	25-30	2.77	10.66	1.0	1.3	27.3	25.61	8.6	SILTY CLAY LOAM	18	43	39	91.8
13251727	35909	30-35	1.90	10.32	0.4	0.4	18.8	29.46	8.9	SILTY CLAY LOAM	16	49	35	82.8
13251728	35910	35-40	2.16	10.53	0.4	0.4	21.9	33.53	8.8	CLAY LOAM	26	45	29	77.4
13251729	35911	40-45	3.95	10.82	1.0	0.9	40.8	41.54	7.8	CLAY LOAM	23	38	39	99.9
13251730	35912	45-50	2.64	10.86	0.4	0.4	27.8	42.42	8.5	SILTY CLAY LOAM	17	44	39	142.8
13251731	35913	50-55	2.53	11.18	0.4	0.3	27.6	46.53	8.2	CLAY	13	32	55	124.9
13251732	35914	55-60	3.73	10.97	0.8	0.7	39.5	45.91	7.8	CLAY	19	34	47	100.6
13251733	35915	60-65	2.58	10.73	0.4	0.3	27.0	45.58	8.5	CLAY	11	28	61	158.6
13251734	35916	65-70	2.00	10.21	0.3	0.3	19.8	35.03	8.9	SILTY CLAY LOAM	15	48	37	158.5
13251735	35917	70-75	1.98	8.67	0.3	0.4	16.5	28.88	9.2	LOAM	27	46	27	145.6
13251736	35918	75-80	1.63	10.70	0.3	0.4	16.8	28.97	9.1	LOAM	33	40	27	147.7
13251737	35919	80-85	1.90	10.68	0.3	0.4	19.6	32.94	8.9	SILTY CLAY	13	46	41	145.2
13251738	35920	85-90	2.22	10.68	0.3	0.3	23.1	41.16	8.7	CLAY	5	40	55	139.1
13251739	35921	100-105	2.62	10.03	0.4	0.4	25.5	39.72	8.4	CLAY	17	34	49	149.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/26/12
 Date Received: 07/06/12
 Date Reported: 09/06/12

Site: CC12011C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366651	36213	0-5	9.95	14.51	21.3	40.4	82.7	14.89	8.0	CLAY	21	30	49	72.3
14366652	36214	5-10	10.21	13.70	17.4	36.7	85.7	16.47	8.0	CLAY	9	28	63	98.8
14366653	36215	10-15	8.61	13.75	18.7	27.7	72.0	14.96	7.9	CLAY	13	40	47	97.0
14366654	36216	15-20	4.64	12.22	4.0	7.3	45.4	19.08	8.2	SILTY CLAY	15	42	43	144.3
14366655	36217	20-25	4.09	11.42	2.9	3.9	39.9	21.58	8.1	CLAY	9	36	55	127.3
14366656	36218	25-28	5.30	7.73	2.0	2.7	36.3	23.66	7.7	CLAY	11	16	73	112.4
14366657	36219	39-44	2.10	10.64	1.3	1.3	19.8	17.38	7.4	CLAY	23	26	51	102.6



604 Highway 15 West
 P.O. BOX 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/26/12
 Date Received: 07/06/12
 Date Reported: 08/15/12

Site: CC12012C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251641	36136	0-5	1.82	10.30	9.0	4.0	5.7	2.24	7.1	SANDY LOAM	70	14	16	71.3
13251642	36137	5-10	1.50	10.62	7.9	3.6	4.5	1.86	7.7	CLAY LOAM	34	36	30	56.9
13251643	36138	10-15	1.04	11.93	6.6	3.1	2.7	1.23	7.7	CLAY LOAM	22	42	36	66.2
13251644	36139	15-20	1.27	12.10	7.4	3.9	4.1	1.72	7.7	CLAY LOAM	22	44	34	78.6
13251645	36140	20-25	1.36	11.75	5.9	3.9	6.1	2.77	8.0	CLAY LOAM	30	42	28	108.0
13251646	36141	25-30	1.98	10.01	3.5	2.8	13.5	7.54	8.1	CLAY LOAM	22	46	32	81.9
13251647	36142	30-35	2.35	10.57	1.5	1.2	22.2	19.20	7.9	CLAY	20	38	42	136.9
13251648	36143	35-40	2.67	10.52	1.1	0.9	26.2	26.63	8.2	CLAY	10	37	53	125.6
13251649	36144	40-45	2.04	10.39	0.3	0.2	20.6	39.56	8.8	CLAY	12	22	66	173.1
13251650	36145	45-50	2.33	10.01	0.4	0.4	22.6	36.31	8.8	CLAY	16	16	68	180.2
13251651	36146	50-55	2.32	10.65	0.6	0.5	23.6	31.79	8.6	CLAY LOAM	22	38	40	168.0
13251652	36147	55-60	2.13	10.32	0.4	0.4	21.2	33.70	8.9	SANDY CLAY LOAM	51	24	25	110.1
13251653	36148	60-65	2.09	10.16	0.4	0.4	20.5	33.71	8.8	SILTY CLAY LOAM	19	42	39	147.6
13251654	36149	65-70	2.34	9.43	0.4	0.4	21.3	35.30	8.8	SILTY CLAY	13	44	43	154.9
13251655	36150	70-72	1.45	11.09	0.4	0.3	15.4	26.40	8.2	CLAY LOAM	23	44	33	142.2
13251656	36151	84-89	1.73	10.55	0.3	0.2	17.7	32.96	8.5	SILTY CLAY LOAM	15	52	33	85.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvisc.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/27/12
 Date Received: 07/06/12
 Date Reported: 09/06/12

Site: CC12013C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366601	35886	0-5	2.00	12.14	6.1	6.2	12.0	4.82	8.1	SANDY CLAY LOAM	48	17	35	68.7
14366602	35887	5-10	5.19	14.84	6.3	17.6	53.1	15.37	8.1	CLAY LOAM	42	19	39	74.3
14366603	35888	10-15	7.53	13.72	16.2	27.1	60.1	12.92	8.0	LOAM	38	35	27	47.6
14366604	35889	15-20	5.71	14.18	13.9	19.1	48.0	11.84	7.9	CLAY	6	29	65	94.4
14366605	35890	20-25	5.73	14.19	17.1	18.8	45.4	10.72	7.8	CLAY	12	31	57	95.0
14366606	35891	25-30	6.65	17.61	30.2	28.5	58.4	10.78	5.9	CLAY LOAM	28	37	35	56.9
14366607	35892	30-35	6.10	14.93	14.1	13.7	63.3	16.98	6.8	CLAY	28	23	49	76.6
14366608	35893	35-40	3.77	9.74	1.6	1.5	33.6	27.08	7.9	CLAY	12	23	65	117.8
14366609	35894	40-45	2.92	10.41	0.5	0.4	29.4	42.11	8.9	SILTY CLAY	16	41	43	100.1
14366610	35895	45-50	1.95	10.23	0.3	0.3	19.3	33.08	8.8	SILTY CLAY	12	43	45	115.8
14366611	35896	50-55	1.73	10.10	0.3	0.3	16.8	28.92	8.8	SILTY CLAY	16	41	43	135.5
14366612	35897	55-60	1.55	10.35	0.2	0.2	15.6	32.34	9.0	CLAY LOAM	28	37	35	80.3
14366613	35898	60-65	2.22	8.86	0.3	0.3	19.0	33.52	8.9	SILTY CLAY	16	43	41	96.9
14366614	35899	65-70	1.76	10.39	0.4	0.4	17.5	27.06	8.7	SILTY CLAY	14	41	45	109.8
14366615	35900	70-75	2.47	8.99	0.5	0.5	21.2	30.64	8.3	CLAY	16	11	73	106.3
14366616	35901	76-76.7	2.68	10.02	1.1	0.9	24.9	25.34	7.4	CLAY	31	16	53	104.7
14366617	35902	88.2-93.2	2.91	11.26	4.1	3.4	25.2	13.02	7.7	CLAY	18	37	45	90.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvisc.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/26/12
 Date Received: 07/06/12
 Date Reported: 09/06/12

Site: CC12014C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366621	35866	0-5	1.59	11.88	7.2	5.7	6.0	2.35	7.6	SANDY CLAY LOAM	53	18	29	48.4
14366622	35867	5-10	1.05	11.90	4.5	5.3	2.7	1.23	7.9	CLAY LOAM	37	26	37	61.9
14366623	35868	10-15	1.35	11.77	4.4	7.3	4.2	1.71	7.9	SANDY LOAM	67	14	19	58.8
14366624	35869	15-20	1.95	12.34	6.9	9.2	8.0	2.80	7.9	SANDY LOAM	75	12	13	37.8
14366625	35870	20-25	1.73	12.35	6.3	7.5	7.5	2.84	8.0	LOAMY SAND	81	8	11	36.4
14366626	35871	25-30	1.63	12.94	6.6	8.0	6.5	2.43	7.9	SANDY LOAM	77	8	15	40.1
14366627	35872	30-35	1.59	12.25	6.0	7.2	6.3	2.45	7.9	SANDY LOAM	73	10	17	41.3
14366628	35873	35-40	1.53	10.91	4.0	4.9	7.8	3.68	8.2	SANDY LOAM	71	12	17	42.7
14366629	35874	40-45	2.41	10.25	1.3	1.2	22.2	19.80	8.2	CLAY	23	20	57	131.6
14366630	35875	45-50	2.29	10.24	0.9	0.8	21.8	23.79	8.4	CLAY	17	28	55	123.0
14366631	35876	50-55	1.85	9.85	0.3	0.3	17.7	33.20	9.1	CLAY	23	36	41	138.0
14366632	35877	55-60	2.09	9.41	0.3	0.3	19.0	33.93	9.2	CLAY LOAM	27	42	31	162.5
14366633	35878	60-65	1.82	10.41	0.2	0.3	18.4	36.49	9.1	CLAY LOAM	29	40	31	138.8
14366634	35879	65-70	1.95	10.20	0.3	0.3	19.3	34.21	9.0	CLAY LOAM	29	36	35	130.3
14366635	35880	70-75	2.32	10.28	0.3	0.3	23.2	41.97	9.1	SANDY CLAY LOAM	61	16	23	95.7
14366636	35881	75-80	2.02	11.06	0.3	0.3	21.7	38.13	9.0	SANDY CLAY LOAM	49	24	27	105.6
14366637	35882	80-85	1.98	10.45	0.4	0.3	20.0	33.00	8.9	CLAY LOAM	35	30	35	111.9
14366638	35883	85-90	2.49	10.20	0.7	0.7	24.0	29.01	8.7	CLAY	11	36	53	134.2
14366639	35884	90-94	1.11	10.97	0.3	0.3	11.5	20.18	8.4	CLAY	17	8	75	124.7
14366640	35885	106-111	0.86	10.62	0.4	0.4	8.3	12.84	8.1	CLAY	11	26	63	100.2



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/28/12
Date Received: 07/06/12
Date Reported: 08/14/12

Site: CC12015C

604 Highway 15 Wcst
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251511	36042	0-5	5.43	14.95	14.6	27.0	39.5	8.67	7.9	CLAY LOAM	33	30	37	75.9
13251512	36043	5-10	8.09	15.37	22.7	39.3	62.3	11.19	7.9	CLAY	23	26	51	102.9
13251513	36044	10-15	2.34	9.18	1.3	2.4	17.8	13.05	8.2	CLAY	9	12	79	156.7
13251514	36045	15-20	1.90	10.55	1.2	1.8	17.0	13.91	8.0	CLAY	11	32	57	109.5
13251515	36046	20-25	1.83	8.14	0.7	1.0	13.2	14.21	8.4	CLAY	5	32	63	160.1
13251516	36047	25-30	1.64	10.53	0.9	1.1	15.3	15.46	8.3	CLAY	3	28	69	176.2
13251517	36048	30-35	2.64	8.56	1.3	1.3	20.1	17.79	8.2	CLAY	5	22	73	151.3
13251518	36049	35-40	2.90	11.71	1.6	1.5	30.9	25.11	7.6	CLAY	23	30	47	85.4
13251519	36050	40-45	1.60	9.99	0.4	0.4	15.2	24.46	8.7	CLAY	9	34	57	211.4
13251520	36051	45-50	1.57	9.86	0.4	0.3	14.9	26.45	8.8	SILT LOAM	21	52	27	127.8
13251521	36052	50-55	1.91	10.43	0.4	0.3	19.2	31.88	8.8	SILTY CLAY LOAM	19	52	29	110.7
13251522	36053	55-60	2.07	9.32	0.4	0.3	18.6	31.07	8.5	LOAM	23	50	27	122.4
13251523	36054	60-65	1.60	10.48	0.3	0.3	16.2	29.28	8.9	CLAY LOAM	21	48	31	124.7
13251524	36055	65-70	1.82	9.20	0.3	0.3	16.1	28.73	8.9	SILTY CLAY LOAM	13	50	37	147.8
13251525	36056	70-75	2.00	10.34	0.4	0.4	19.9	31.53	8.7	CLAY	3	30	67	136.3
13251526	36057	75-80	2.89	11.53	0.8	0.8	31.7	35.67	7.5	CLAY	33	22	45	66.8
13251527	36058	80-85	1.68	10.31	0.3	0.3	16.8	31.65	8.6	CLAY	7	40	53	136.0
13251528	36059	85-90	1.54	10.07	0.3	0.3	15.0	28.74	8.8	SILTY CLAY LOAM	17	48	35	157.9
13251529	36060	90-95	1.53	7.75	0.2	0.2	11.4	25.35	9.1	SILTY CLAY LOAM	15	50	35	182.8
13251530	36061	95-100	1.45	10.79	0.3	0.3	15.0	27.17	8.6	SILTY CLAY LOAM	15	46	39	167.5
13251541	36062	100-105	1.94	8.56	0.3	0.2	16.1	31.48	9.0	LOAM	29	44	27	144.0
13251542	36063	105-110	1.64	10.40	0.3	0.4	16.3	27.55	8.9	CLAY LOAM	29	40	31	143.2
13251543	36064	110-115	2.00	10.02	0.3	0.3	19.4	33.75	8.7	SILTY CLAY	9	44	47	115.3
13251544	36065	115-120	1.91	11.11	0.5	0.4	20.3	30.39	8.5	CLAY	11	20	69	124.5
13251545	36066	120-121.25	1.50	10.54	0.4	0.3	15.1	25.36	7.8	CLAY	37	10	53	109.9
13251546	36067	132-137	1.73	10.36	0.3	0.3	17.3	32.28	8.3	CLAY LOAM	27	38	35	103.0



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/27/12
Date Received: 07/06/12
Date Reported: 09/06/12

Site: CC12016C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366711	36190	0-5	3.09	10.74	1.1	3.2	28.9	19.62	8.6	CLAY LOAM	39	24	37	113.8
14366712	36191	5-10	3.47	11.18	0.8	3.7	34.3	22.78	8.8	CLAY	19	28	53	158.1
14366713	36192	10-15	2.15	8.67	0.5	1.1	17.1	19.49	8.7	CLAY	11	22	67	168.7
14366714	36193	15-20	2.02	12.18	1.9	2.1	20.6	14.68	8.1	CLAY	17	40	43	111.3
14366715	36194	20-25	1.73	10.53	1.1	1.0	16.2	16.02	8.4	SILTY CLAY	15	42	43	106.8
14366716	36195	25-30	2.04	10.08	0.9	0.9	18.7	19.72	8.3	SILTY CLAY	5	42	53	108.2
14366717	36196	30-35	2.05	10.11	0.6	0.5	19.6	26.60	8.4	SILTY CLAY LOAM	17	48	35	97.1
14366718	36197	35-40	1.84	10.41	0.5	0.4	18.3	27.12	8.5	SILTY CLAY LOAM	15	48	37	114.3
14366719	36198	40-45	2.17	10.40	0.5	0.4	21.6	31.52	8.4	CLAY	7	32	61	87.9
14366720	36199	45-50	2.31	9.15	0.4	0.4	20.3	31.92	8.7	CLAY	9	34	57	95.2
14366721	36200	50-55	2.47	10.72	0.6	0.6	25.3	32.58	8.3	CLAY	15	30	55	118.2
14366722	36201	55-60	2.18	9.80	0.4	0.3	20.7	34.88	8.8	CLAY	5	36	59	138.1
14366723	36202	60-65	2.53	10.32	0.5	0.5	25.2	36.78	8.7	CLAY	13	20	67	93.1
14366724	36203	65-70	1.83	9.08	0.4	0.3	15.9	26.96	9.1	CLAY LOAM	25	38	37	83.4
14366725	36204	70-75	1.32	10.24	0.2	0.3	13.0	26.16	9.3	SILTY CLAY LOAM	17	44	39	119.2
14366726	36205	75-80	1.82	10.23	0.4	0.4	17.8	27.54	9.0	SILTY CLAY	11	44	45	137.9
14366727	36206	80-85	3.18	11.93	0.7	0.7	36.6	43.91	8.8	SILTY CLAY	13	46	41	134.1
14366728	36207	85-90	1.57	10.05	0.2	0.2	15.3	32.67	9.1	CLAY LOAM	33	36	31	97.8
14366729	36208	90-95	1.57	10.31	0.3	0.2	15.7	32.50	9.2	SANDY CLAY LOAM	55	20	25	87.3
14366730	36209	95-100	1.59	10.68	0.2	0.2	16.6	37.35	9.1	SANDY CLAY LOAM	46	25	29	113.3
14366731	36210	100-105	2.33	10.50	0.4	0.4	23.7	39.29	8.6	CLAY	18	35	47	130.2
14366732	36211	105-107	0.97	10.48	0.4	0.5	9.3	14.41	8.0	CLAY	9	8	83	132.8
14366733	36212	118-123	5.66	11.82	8.5	8.8	49.6	16.84	6.0	CLAY	17	16	67	108.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/28/12
 Date Received: 07/06/12
 Date Reported: 08/15/12

Site: CC12017C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12938481	35996	0-5	1.65	11.96	5.5	6.8	7.5	3.02	8.3	SANDY CLAY LOAM	47	31	31	52.9
12938482	35997	5-10	1.72	10.96	2.1	5.4	11.4	5.86	8.2	CLAY LOAM	33	28	39	77.1
12938483	35998	10-15	1.22	11.11	1.9	3.4	8.2	5.03	8.1	CLAY	31	24	45	79.1
12938484	35999	15-20	1.95	10.66	5.2	5.1	10.6	4.68	7.6	CLAY	15	24	61	83.7
12938485	36000	20-25	1.60	10.28	2.4	2.4	11.7	7.57	7.9	SILTY CLAY	17	42	41	95.2
12938486	36001	25-30	2.71	11.06	4.6	4.1	21.3	10.18	7.8	CLAY	11	31	58	104.2
12938487	36002	30-35	2.58	10.51	2.5	2.2	22.4	14.56	8.1	SILTY CLAY	5	44	51	100.5
12938488	36003	35-40	2.57	9.46	2.0	2.0	20.3	14.36	8.1	CLAY	17	28	55	94.7
12938489	36004	40-45	2.09	10.50	0.7	0.6	20.7	25.83	8.6	SILTY CLAY LOAM	17	48	35	112.3
12938490	36005	45-50	1.74	10.06	0.4	0.4	16.7	27.07	8.8	SILTY CLAY LOAM	19	50	31	118.0
12938491	36006	50-55	1.65	10.14	0.4	0.3	16.0	26.45	8.8	SILTY CLAY LOAM	19	48	33	149.5
12938492	36007	55-60	2.14	10.23	0.5	0.4	21.1	33.22	8.6	CLAY	9	34	57	133.2
12938493	36008	60-65	3.44	10.87	1.2	1.0	35.2	33.77	7.5	CLAY	25	21	54	106.0
12938494	36009	65-70	2.24	9.75	0.5	0.3	21.0	32.73	8.5	CLAY LOAM	25	40	35	104.5
12938495	36010	70-75	2.61	10.84	0.7	0.5	27.1	35.63	8.1	CLAY	19	40	41	124.8
12938496	36011	75-80	2.36	10.51	0.5	0.5	23.8	33.58	8.4	CLAY	7	20	73	151.3
12938497	36012	80-85	1.95	10.62	0.4	0.3	20.0	33.82	8.5	CLAY LOAM	36	34	30	121.2
12938498	36013	85-90	2.08	10.52	0.4	0.4	21.1	33.71	8.7	SILTY CLAY	7	50	43	133.4
12938499	36014	90-95	2.36	10.53	0.6	0.6	23.7	31.51	8.4	CLAY	3	31	66	124.4
12938500	36015	95-97.5	1.94	11.38	0.5	0.4	21.2	32.31	7.7	CLAY	23	18	59	104.0
13251501	36016	108-113	2.37	8.87	0.4	0.3	20.3	34.13	8.3	CLAY	10	31	59	115.3



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/27/12
Date Received: 07/06/12
Date Reported: 09/06/12

Site: CC12018C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366661	35843	0-5	3.74	14.50	22.9	17.1	14.3	3.19	7.8	CLAY	19	26	55	81.9
14366662	35844	5-10	4.10	12.90	4.4	13.8	34.7	11.48	8.3	CLAY	5	26	69	105.0
14366663	35845	10-15	3.82	11.99	3.2	7.5	35.1	15.17	8.3	CLAY	5	26	69	127.3
14366664	35846	15-20	2.56	8.17	1.3	1.8	17.8	14.41	8.1	CLAY	3	14	83	143.9
14366665	35847	20-25	4.39	12.31	7.8	8.5	37.7	13.23	7.9	SILTY CLAY	15	42	43	107.6
14366666	35848	25-30	2.88	10.60	1.7	2.3	26.6	19.02	8.4	LOAM	31	48	21	59.2
14366667	35849	30-35	2.70	10.15	0.9	1.0	25.4	25.67	8.5	SILTY CLAY LOAM	19	46	35	91.7
14366668	35850	35-40	2.67	10.11	0.7	0.7	25.6	30.21	8.3	CLAY	11	40	49	106.7
14366669	35851	40-45	2.24	10.34	0.4	0.4	22.4	36.06	8.5	SILTY CLAY LOAM	13	48	39	107.1
14366670	35852	45-50	2.83	7.79	0.3	0.3	21.4	37.63	8.6	SILTY CLAY LOAM	17	50	33	94.1
14366671	35853	50-55	2.48	10.09	0.3	0.4	24.3	41.15	8.4	CLAY	15	34	51	93.5
14366672	35854	55-60	2.55	10.12	0.5	0.4	24.9	37.69	8.5	CLAY	11	36	53	101.2
14366673	35855	60-65	3.19	10.39	0.6	0.6	32.0	41.50	7.8	CLAY	13	18	69	87.6
14366674	35856	65-70	2.41	10.39	0.4	0.3	24.3	41.02	8.4	CLAY	15	30	55	116.4
14366675	35857	70-75	1.91	10.35	0.2	0.2	19.3	41.69	8.6	CLAY LOAM	21	42	37	121.3
14366676	35858	75-80	2.19	9.19	0.3	0.3	19.5	34.19	8.5	SILTY CLAY	9	42	49	108.2
14366677	35859	80-85	1.74	10.59	0.3	0.5	17.6	27.33	8.7	SILTY CLAY LOAM	19	46	35	99.0
14366678	35860	85-90	1.52	10.27	0.2	0.4	15.0	28.29	8.9	LOAM	41	32	27	104.7
14366679	35861	90-95	1.45	10.75	0.5	0.8	14.2	17.25	8.6	SILTY CLAY LOAM	19	46	35	149.0
14366680	35862	95-100	1.79	8.46	0.4	0.5	14.2	21.15	8.7	CLAY LOAM	25	40	35	134.0
14366681	35863	100-105	1.52	10.13	0.4	0.5	14.5	21.95	8.6	CLAY	15	36	49	97.8
14366682	35864	105-109	2.04	10.20	0.5	0.5	19.8	27.63	8.5	CLAY	7	20	73	92.0
14366683	35865	121-126	4.25	11.41	2.2	1.5	44.7	32.58	6.7	CLAY	14	11	75	122.0



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/02/12
Date Received: 07/06/12
Date Reported: 08/14/12

Site: CC12019C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12938461	35966	0-5	7.48	16.16	13.0	32.3	75.6	15.88	8.1	SANDY CLAY LOAM	59	16	25	46.4
12938462	35967	5-10	3.07	11.32	1.2	3.9	29.6	18.49	8.6	CLAY LOAM	29	38	33	119.0
12938463	35968	10-15	1.83	8.54	0.6	1.1	13.9	15.01	8.5	SANDY LOAM	57	24	19	72.2
12938464	35969	15-20	1.73	10.45	0.9	1.4	15.8	14.64	8.4	LOAM	47	34	19	65.2
12938465	35970	20-25	2.03	10.30	0.9	1.7	18.3	16.06	8.5	LOAM	49	32	19	68.2
12938466	35972	25-30	3.19	10.81	1.5	2.3	30.7	22.26	8.4	SANDY LOAM	69	14	17	66.7
12938467	35973	30-35	2.94	9.40	0.7	0.9	26.1	29.42	8.8	SANDY LOAM	63	20	17	81.7
12938468	35975	35-40	2.41	10.39	0.8	0.8	23.4	26.27	8.6	SANDY CLAY LOAM	49	18	33	85.7
12938469	35977	40-45	2.55	10.35	0.8	0.7	24.9	28.51	8.4	CLAY	27	22	51	108.4
12938470	35979	45-50	2.91	10.52	0.8	0.7	29.1	33.29	7.9	CLAY	35	14	51	102.0
12938471	35982	50-55	2.40	9.07	0.4	0.4	20.9	32.30	8.6	CLAY	19	26	55	84.5
12938472	35984	55-60	1.47	10.10	0.3	0.3	14.2	25.73	9	CLAY LOAM	27	40	33	96.9
12938473	35986	60-65	1.85	11.02	0.3	0.3	19.8	36.67	8.5	CLAY LOAM	22	45	33	99.4
12938474	35987	65-70	1.76	10.36	0.3	0.3	17.7	33.19	8.8	CLAY LOAM	21	44	35	132.9
12938475	35990	70-75	2.02	10.66	0.3	0.3	20.9	37.77	8.7	SILTY CLAY	17	42	41	136.8
12938476	35991	75-80	2.05	10.68	0.3	0.3	21.2	36.93	8.8	SILTY CLAY LOAM	17	46	37	139.9
12938477	35992	80-85	2.48	11.09	0.4	0.4	26.7	42.11	8.8	CLAY	17	38	45	92.3
12938478	35993	85-90	2.17	10.58	0.3	0.3	22.3	39.46	8.6	CLAY	11	30	59	99.9
12938479	35994	90-93	1.75	10.41	0.4	0.4	17.4	26.73	7.4	CLAY LOAM	37	24	39	83.9
12938480	35995	104-109	1.95	11.15	0.4	0.4	20.9	33.10	8.1	CLAY	15	18	67	145.0



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/28/12
Date Received: 07/06/12
Date Reported: 09/06/12

Site: CC12020C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvisc.com

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251671	36158	0-5	2.50	10.80	6.6	7.4	13.0	4.92	7.9	CLAY LOAM	43	22	35	59.6
13251672	36159	5-10	2.50	11.15	1.5	3.9	22.4	13.55	8.4	CLAY	15	32	53	79.3
13251673	36160	10-15	4.35	12.70	4.9	8.6	41.8	16.09	7.0	CLAY	17	36	47	85.3
13251674	36161	15-20	4.19	11.46	4.2	5.9	37.9	16.84	7.9	SILTY CLAY LOAM	19	42	39	111.2
13251675	36162	20-25	3.35	10.74	2.0	3.0	31.0	19.56	8.1	SILTY CLAY	13	42	45	130.9
13251676	36163	25-30	2.24	10.09	0.7	1.1	20.8	22.03	8.5	SILTY CLAY LOAM	19	50	31	133.8
13251677	36164	30-35	5.60	13.06	2.1	3.1	68.0	42.39	8.6	LOAM	41	34	25	112.5
13251678	36165	35-40	2.48	10.78	0.9	0.9	25.0	26.63	8.4	CLAY LOAM	23	44	33	127.7
13251679	36166	40-45	2.40	9.43	0.4	0.6	21.6	30.42	8.6	SILTY CLAY LOAM	17	52	31	132.5
13251680	36167	45-50	2.97	7.40	0.5	0.5	21.0	30.20	8.8	CLAY LOAM	21	44	35	127.3
13251681	36168	50-55	1.97	9.65	0.3	0.3	18.3	31.35	9.0	LOAM	41	34	25	130.2
13251682	36169	55-60	1.64	11.47	0.4	0.3	18.1	30.81	9.0	LOAM	41	36	23	115
13251683	36170	60-65	2.82	10.93	0.8	0.7	29.3	33.21	8.0	CLAY	15	26	59	136.5
13251684	36171	65-70	2.36	10.63	0.5	0.4	24.1	35.48	8.5	CLAY	13	34	53	126.1
13251685	36172	70-75	1.63	10.07	0.3	0.3	15.8	28.54	9.0	CLAY LOAM	23	40	37	164.5
13251686	36173	75-80	1.93	9.30	0.4	0.4	17.2	29.01	8.8	SILTY CLAY LOAM	13	48	39	168
13251687	36174	80-85	2.00	10.57	0.4	0.3	20.4	34.76	8.7	CLAY	7	36	57	144.2
13251688	36175	85-90	1.77	10.31	0.3	0.3	17.7	32.22	8.8	SILTY CLAY	15	42	43	176.3
13251689	36176	90-95	1.75	10.44	0.3	0.3	17.7	31.96	8.8	SILTY CLAY LOAM	19	44	37	150
13251690	36177	95-100	2.06	8.64	0.3	0.3	17.2	32.66	8.7	CLAY	15	40	45	140.8
13251692	36178	100-105	1.86	10.42	0.3	0.3	18.8	35.66	8.6	CLAY	5	28	67	139
13251693	36179	105-107	1.00	11.87	0.3	0.6	11.0	16.33	8.5	CLAY	5	22	73	131
13251694	36180	118-123	1.73	10.39	0.3	0.4	17.3	29.39	7.7					127.8

Not enough sample



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/28/12
 Date Received: 07/06/12
 Date Reported: 08/15/12

Site: CC12021C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12938441	35951	0-5	2.27	12.14	3.5	8.7	15.3	6.20	8.0	CLAY LOAM	38	24	38	69.5
12938442	35952	5-10	5.34	12.07	7.7	16.4	40.3	11.62	8.0	CLAY LOAM	34	26	40	79.2
12938443	35953	10-15	7.38	17.69	22.8	41.7	66.0	11.62	7.9	CLAY LOAM	20	44	36	82.5
12938444	35954	15-20	4.52	11.27	7.8	9.6	33.5	11.37	7.8	SILTY CLAY	9	42	49	98.6
12938445	35955	20-25	3.28	12.15	5.2	4.1	30.5	14.13	7.3	SILTY CLAY	9	42	49	91.6
12938446	35956	25-30	3.12	9.06	1.1	1.0	26.1	25.14	8.1	SILTY CLAY	17	41	42	119.5
12938447	35957	30-35	1.94	10.35	0.5	0.4	19.2	28.00	8.6	CLAY	19	24	57	153.8
12938448	35958	35-40	2.04	8.90	0.4	0.4	17.3	27.22	9.0	CLAY LOAM	21	46	33	92.6
12938449	35959	40-45	1.76	10.49	0.3	0.3	17.8	31.38	9.1	CLAY LOAM	25	44	31	107.6
12938450	35960	45-50	1.75	10.50	0.2	0.2	17.9	36.06	9.3	LOAM	43	32	25	117.9
12938451	35961	50-55	1.68	10.18	0.3	0.3	16.5	29.92	9.2	LOAM	33	40	27	100.9
12938452	35962	55-60	2.36	9.99	0.5	0.4	22.6	32.09	8.6	SILTY CLAY	9	46	45	123.8
12938453	35963	60-65	2.12	10.57	0.5	0.4	21.5	32.69	8.6	CLAY	13	26	61	124.6
12938454	35964	65-67	1.41	11.21	0.3	0.4	15.1	25.06	7.6	CLAY	29	10	61	118.5
12938455	35965	78-83	1.20	11.30	0.6	0.6	12.4	16.52	8.1	CLAY	13	40	47	95.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/28/12
 Date Received: 07/06/12
 Date Reported: 09/04/12

Site: CC12022C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12938421	35934	0-5	1.25	11.33	2.0	5.8	6.4	3.23	8.3	CLAY LOAM	34	26	40	71.6
12938422	35935	5-10	1.00	11.03	0.4	1.2	9.4	10.44	8.9	CLAY LOAM	26	44	30	96.2
12938423	35936	10-15	1.33	10.79	0.4	0.9	13.1	16.55	8.7	SILTY CLAY LOAM	18	52	30	120.1
12938424	35937	15-20	1.48	10.98	0.5	0.9	14.9	18.26	8.5	SILT LOAM	24	51	25	100.5
12938425	35938	20-25	1.48	10.04	0.5	0.7	13.7	17.67	8.6	CLAY LOAM	22	50	28	130.9
12938426	35939	25-30	3.69	11.47	2.8	2.7	36.8	22.15	7.5	CLAY	22	16	62	132.8
12938427	35940	30-35	2.54	9.83	0.7	0.6	23.7	29.72	8.4	CLAY	6	32	62	144.5
12938428	35941	35-40	1.91	10.35	0.3	0.3	19.1	32.79	8.9	Not enough sample				171.6
12938429	35942	40-45	1.57	10.52	0.3	0.4	15.8	26.06	9.2	CLAY LOAM	26	44	30	151.2
12938430	35943	45-50	1.98	10.34	0.3	0.3	19.9	36.25	8.9	CLAY LOAM	26	40	34	131.2
12938431	35944	50-55	1.48	12.75	0.3	0.2	18.4	36.87	9.3	LOAM	44	34	22	111.5
12938432	35945	55-60	1.64	10.74	0.3	0.2	17.2	36.01	9.3	SANDY CLAY LOAM	52	24	24	111.7
12938433	35946	60-65	2.04	10.38	0.3	0.3	20.5	36.50	8.8	SILTY CLAY LOAM	18	42	40	148.6
12938434	35947	65-70	2.30	11.64	0.4	0.3	26.0	42.92	9.0	CLAY LOAM	36	36	28	138.7
12938435	35948	70-75	1.90	10.18	0.3	0.2	18.8	37.15	8.9	SILTY CLAY LOAM	14	46	40	178.6
12938436	35949	75-80	2.78	10.67	0.4	0.4	28.8	44.61	8.6	CLAY	8	26	66	165.8
12938437	35950	90-95	1.40	9.44	0.3	0.2	12.7	25.59	8.9	SILTY CLAY	15	44	41	105.5



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/26/12
Date Received: 07/06/12
Date Reported: 08/16/12

Site: CC-12023C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251621	36068	0-5	0.95	11.59	1.5	4.5	5.1	2.93	8.3	SANDY LOAM	61	24	15	37.3
13251622	36069	5-10	1.91	10.13	0.6	1.4	17.4	17.46	8.5	CLAY LOAM	29	34	37	73.8
13251623	36070	10-15	3.48	10.21	1.4	3.3	30.7	19.87	8.5	SANDY CLAY LOAM	57	20	23	58.8
13251624	36071	15-20	2.04	10.41	0.7	1.0	19.5	21.10	8.5	SANDY LOAM	63	18	19	62.0
13251625	36072	20-25	1.54	10.76	0.7	0.7	15.2	18.62	8.7	SANDY CLAY LOAM	57	20	23	66.9
13251626	36073	25-30	2.00	10.45	0.5	0.6	19.8	26.85	8.8	SANDY CLAY LOAM	55	22	23	57.4
13251627	36074	30-35	1.88	10.46	0.5	0.5	18.7	27.63	8.6	CLAY	11	40	49	65.7
13251628	36075	35-40	2.04	10.71	0.5	0.5	20.8	28.75	8.5	SILTY CLAY	7	46	47	68.6
13251629	36076	40-45	2.62	10.49	0.6	0.6	26.2	33.18	8.3	CLAY	11	28	61	108.9
13251630	36077	45-50	4.32	11.89	1.5	1.3	48.5	40.81	7.4	CLAY LOAM	35	32	33	80.2
13251631	36078	50-55	3.73	11.07	1.0	1.0	39.3	39.85	7.4	CLAY	23	34	43	86.5
13251632	36079	55-57	1.52	11.26	0.3	0.4	16.4	27.80	7.8	SILTY CLAY LOAM	15	46	39	81.3
13251633	36080	69-74	2.22	10.81	0.4	0.4	23.1	35.23	7.9	CLAY	19	26	55	111.3



Coyote Creek LABORATORIES
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 06/28/12
 Date Received: 07/06/12
 Date Reported: 08/20/12

Site: CC12024C

604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251551	36107	0-5	6.80	16.46	11.9	28.8	71.2	15.77	8.2	CLAY LOAM	39	22	39	63.2
13251552	36108	5-10	8.40	16.75	19.8	42.1	78.8	14.17	8.2	CLAY	13	38	49	89.5
13251553	36109	10-15	7.35	19.78	28.0	43.2	74.2	12.43	7.8	CLAY	15	38	47	94.1
13251554	36110	15-20	7.97	17.83	28.2	41.0	72.9	12.39	7.5	CLAY	18	37	45	115.1
13251555	36111	20-25	8.16	18.98	29.6	41.2	84.1	14.13	7.6	CLAY	14	39	47	104.0
13251556	36112	25-30	4.65	11.91	5.2	7.7	42.5	16.72	8.3	LOAM	37	38	25	86.1
13251557	36113	30-35	3.53	9.46	1.3	1.8	30.2	24.00	8.5	CLAY	9	22	69	178.8
13251558	36114	35-40	2.68	10.52	0.9	1.1	26.1	25.85	8.5	CLAY	5	16	79	173.3
13251559	36115	40-45	2.34	10.35	0.6	0.6	23.0	29.10	8.6	CLAY	17	28	55	144.3
13251560	36116	45-50	2.45	10.17	0.6	0.6	23.6	29.39	8.5	CLAY	3	24	73	157.4
13251561	36117	50-55	2.60	9.56	0.5	0.6	23.7	31.30	8.5	CLAY	1	26	73	148.7
13251562	36118	55-60	2.74	10.76	0.5	0.5	28.5	39.94	8.5	CLAY	5	22	73	140.3
13251563	36119	60-65	2.38	9.55	0.3	0.3	22.1	39.01	8.8	CLAY	15	34	51	157.6
13251564	36120	65-70	1.97	11.57	0.3	0.3	22.2	38.85	8.7	CLAY	21	26	53	139.3
13251565	36121	70-75	1.91	10.63	0.3	0.3	19.8	37.49	8.8	CLAY	19	26	55	147.4
13251566	36122	75-80	2.02	10.44	0.3	0.3	20.5	38.28	8.9	CLAY LOAM	23	42	35	127.2
13251567	36123	80-85	2.29	9.78	0.3	0.3	21.8	41.32	8.7	CLAY	5	36	59	127.6
13251568	36124	85-90	2.15	9.18	0.4	0.4	18.9	29.52	8.8	SILTY CLAY	13	44	43	136.6
13251569	36125	90-95	1.94	9.41	0.4	0.4	17.4	26.70	8.7	SILTY CLAY	13	46	41	136.6
13251570	36126	95-100	3.60	9.50	0.9	0.9	32.3	33.55	8.0	CLAY	23	34	43	114.3
13251581	36127	100-105	2.66	10.17	0.6	0.5	25.9	34.98	8.3	CLAY	21	36	43	108.5
13251582	36128	105-110	2.29	10.17	0.4	0.4	22.5	35.67	8.7	SILTY CLAY	15	42	43	133.1
13251583	36129	110-115	1.82	10.07	0.3	0.3	17.7	31.94	8.9	CLAY	9	38	53	172.6
13251571	36130	115-120	1.65	10.26	0.3	0.3	16.3	27.97	8.8	SILTY CLAY	13	46	41	159.1
13251572	36131	120-125	2.00	9.24	0.4	0.5	17.7	27.32	8.8	CLAY LOAM	21	44	35	145.2
13251573	36132	125-130	1.73	10.13	0.3	0.3	16.9	29.87	9.0	CLAY LOAM	35	36	29	134.3
13251574	36133	130-135	1.91	10.17	0.3	0.4	18.7	31.10	8.9	CLAY	21	36	43	139.3
13251575	36134	135-136.5	2.31	9.37	0.4	0.4	20.9	34.49	7.9	CLAY	21	24	56	123.2
13251576	36135	148.65-153.65	1.71	10.75	0.3	0.3	17.7	30.80	8.2	CLAY	19	38	43	87.7

Agricultural Testing



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/28/12
Date Received: 07/06/12
Date Reported: 08/16/12

Site: CC12025C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
13251591	36081	0-5	2.36	12.50	3.9	10.1	15.5	5.88	8.1	CLAY LOAM	31	32	37	57.7
13251592	36082	5-10	7.20	14.59	25.6	37.6	41.9	7.45	7.9	CLAY LOAM	39	24	37	56.1
13251593	36083	10-15	5.14	14.75	24.5	22.6	28.7	5.92	7.7	CLAY	21	38	41	72.7
13251594	36084	15-20	4.77	12.98	25.0	19.6	17.3	3.66	7.7	CLAY	11	20	69	87.4
13251595	36085	20-25	3.07	13.26	16.0	11.9	12.8	3.43	7.7	CLAY	17	38	45	87.0
13251596	36086	25-30	1.91	11.11	5.5	5.1	10.7	4.67	7.8	CLAY LOAM	35	32	33	76.6
13251597	36087	30-35	2.55	9.31	3.6	4.8	15.3	7.44	8.2	CLAY	13	26	61	105.8
13251598	36088	35-40	2.43	11.71	2.8	4.4	21.3	11.30	8.3	CLAY	11	12	77	135.4
13251599	36089	40-45	2.52	10.69	2.3	3.3	21.3	12.73	8.0	CLAY	15	20	65	119.1
13251600	36090	45-50	2.52	10.20	2.1	2.7	20.9	13.52	8.3	CLAY	9	26	65	90.4
13251601	36091	50-55	2.45	9.52	1.5	1.6	20.2	16.25	8.3	CLAY	5	26	69	95.2
13251602	36092	55-60	2.50	10.40	1.3	1.2	23.5	21.09	8.0	CLAY	15	24	61	91.9
13251603	36093	60-65	2.22	10.15	1.1	1.0	20.5	20.36	7.6	CLAY LOAM	27	38	35	115.2
13251604	36094	65-70	1.86	10.26	0.7	0.9	17.4	19.27	8.2	CLAY	13	10	77	113.6
13251605	36095	70-75	2.04	7.92	0.5	0.5	15.2	22.03	8.7	CLAY LOAM	21	44	35	98.5
13251606	36096	75-80	1.56	10.23	0.4	0.4	15.1	22.69	8.9	LOAM	33	40	27	98.2
13251607	36097	80-85	1.72	8.27	0.4	0.5	13.4	20.19	9.0	CLAY LOAM	25	40	35	121.1
13251608	36098	85-90	2.07	10.00	0.5	0.4	19.8	30.01	8.3	CLAY	19	30	51	126.6
13251609	36099	90-95	2.08	10.03	0.5	0.5	19.9	29.13	8.6	SILTY CLAY LOAM	17	44	39	115.4
13251610	36100	95-100	1.67	10.65	0.3	0.4	17.2	30.60	9.0	LOAM	43	30	27	116.4
13251611	36101	100-105	1.64	10.73	0.2	0.2	17.1	35.17	8.9	CLAY LOAM	33	30	37	91.1
13251612	36102	105-110	3.46	10.12	0.7	0.6	33.6	40.48	7.7	CLAY LOAM	33	28	39	74.0
13251613	36103	110-115	2.74	11.01	0.6	0.6	29.0	37.88	7.9	CLAY LOAM	23	38	39	89.8
13251614	36104	115-120	2.64	10.95	0.5	0.5	27.9	38.92	8.2	CLAY	15	38	47	89.9
13251615	36105	120-125	2.99	11.30	0.7	0.7	32.4	38.76	7.3	CLAY	36	14	51	73.9
13251616	36106	134.6-139.6	2.49	10.71	0.5	0.5	25.7	37.35	8.4	CLAY	19	40	41	97.6



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 06/28/12
Date Received: 07/06/12
Date Reported: 08/14/12

Site: CC12026C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polartcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12938391	36017	0-5	1.86	10.05	2.8	3.5	12.4	6.96	7.9	SANDY CLAY LOAM	47	20	33	58.1
12938392	36018	5-10	0.82	10.56	0.6	0.7	7.3	8.85	8.2	CLAY	21	34	45	130.4
12938393	36019	10-15	1.18	9.87	0.7	0.9	10.1	11.39	8.2	SANDY CLAY LOAM	47	26	27	92.2
12938394	36020	15-20	1.38	10.09	0.8	1.1	12.1	12.72	8.2	CLAY	21	36	43	159.4
12938395	36021	20-25	2.64	8.23	1.5	2.1	18.2	13.66	8.2	CLAY	17	18	65	174.7
12938396	36022	25-30	2.83	11.33	2.1	2.5	27.4	17.91	7.6	CLAY	13	34	53	101.6
12938397	36023	30-35	2.64	10.29	1.9	2.0	23.3	16.66	8.2	CLAY	17	22	61	99.8
12938398	36024	35-40	3.09	11.24	2.6	2.6	29.5	18.35	8.2	CLAY	11	20	69	112.1
12938399	36025	40-45	2.09	10.71	1.9	1.8	18.7	13.70	8.2	CLAY	9	24	67	72.0
12938400	36026	45-50	5.36	13.30	14.4	12.7	44.1	11.95	6.8	SILTY CLAY LOAM				61.6
12938401	36027	50-55	1.98	9.34	1.4	1.5	15.6	13.01	8.2	CLAY	15	40	45	90.8
12938402	36028	55-60	2.04	10.52	1.4	1.3	18.8	16.30	8.0	CLAY	17	8	75	87.8
12938403	36029	60-65	1.75	10.43	0.6	0.6	17.0	21.58	8.5	SILTY CLAY LOAM	19	46	35	83.8
12938404	36030	65-70	1.82	10.13	0.5	0.5	17.5	24.76	8.8	SILTY CLAY LOAM	17	54	29	71.0
12938405	36031	70-75	1.63	10.09	0.5	0.4	15.6	23.88	8.8	SILTY CLAY LOAM	17	46	37	84.4
12938406	36032	75-80	1.78	10.50	0.4	0.4	17.9	28.28	9.0	CLAY LOAM	29	43	28	77.0
12938407	36033	80-85	1.78	9.87	0.3	0.3	17.0	30.44	8.8	SILTY CLAY	15	42	43	85.8
12938408	36034	85-90	5.26	11.75	3.0	2.6	56.2	33.54	7.6	SANDY CLAY LOAM	46	20	34	64.2
12938409	36035	90-95	2.74	10.63	0.6	0.6	27.9	36.18	8.4	CLAY LOAM	37	34	29	103.4
12938410	36036	95-100	2.17	10.52	0.4	0.3	22.1	37.74	8.6	CLAY	19	36	45	117.0
12938411	36037	100-105	3.67	10.82	0.9	0.8	38.1	41.91	7.9	CLAY LOAM	23	38	39	92.7
12938412	36038	105-110	2.17	10.78	0.5	0.3	22.6	36.70	8.2	CLAY LOAM	33	32	35	95.4
12938413	36039	110-115	2.37	9.85	0.4	0.3	22.6	36.27	8.3	CLAY	13	20	67	123.9
12938414	36040	115-117	2.91	11.25	0.7	0.6	31.4	38.98	7.7	CLAY	33	24	43	104.8
12938415	36041	127.4-13	1.86	10.85	0.4	0.3	19.5	33.26	8.5	SILTY CLAY LOAM	17	50	33	100.6

NES-Not enough sample

Agricultural Testing

Voigt-022



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX: (701) 587-6013
 email: agwise@polarcomm.com
 Homepage: www.agwise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/09/12
 Date Received: 07/24/12
 Date Reported: 12/07/12

Site: CC12027C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420891	37524	0-5	2.14	11.50	9.5	7.2	7.9	2.74	7.60	CLAY LOAM	37	24	39	51.3
14420892	37525	5-10	2.14	12.33	6.8	7.5	12.1	4.52	7.80	CLAY LOAM	39	30	31	53.5
14420893	37526	10-15	2.10	13.20	8.1	8.2	11.4	4.00	7.70	CLAY LOAM	25	44	31	53.7
14420894	37527	15-20	2.91	13.72	13.4	13.8	12.7	3.45	7.60	CLAY	21	10	69	89.4
14420895	37528	20-25	2.00	12.24	7.4	7.9	9.2	3.33	7.70	CLAY	10	21	69	87.0
14420896	37529	25-30	1.86	11.86	6.9	5.9	9.3	3.70	7.70	CLAY	10	15	75	85.5
14420897	37530	30-35	4.84	10.36	16.3	15.8	18.0	4.50	4.90	CLAY LOAM	35	30	35	71.1
14420898	37531	35-40	2.91	12.79	11.4	8.3	17.5	5.59	7.90	CLAY LOAM	23	44	33	70.9
14420899	37532	40-45	2.54	11.54	6.1	4.5	18.7	8.14	7.40	CLAY	27	8	65	105.5
14420900	37533	45-50	3.09	11.14	5.4	4.0	25.0	11.48	7.70	CLAY	13	30	57	91.8
14420901	37534	50-55	3.29	9.16	1.8	1.5	26.8	20.74	8.10	CLAY	5	38	57	99.3
14420902	37535	55-60	2.73	10.59	0.8	0.7	27.4	32.06	8.40	SILTY CLAY LOAM	9	52	39	118.0
14420903	37536	60-65	5.20	13.76	2.7	2.7	66.2	40.31	7.20	SANDY CLAY LOAM	48	20	32	85.4
14420904	37537	65-70	3.09	10.98	0.5	0.5	32.9	46.44	8.40	CLAY LOAM	29	38	33	94.9
14420905	37538	70-75	2.37	10.83	0.6	0.5	24.5	32.74	8.30	SILTY CLAY	11	42	47	96.5
14420906	37539	75-80	3.79	11.88	1.0	0.9	43.1	44.22	7.90	CLAY	17	36	47	88.7
14420907	37540	80-85	2.20	9.99	0.4	0.3	21.3	36.29	9.00	SILTY CLAY LOAM	14	49	37	122.9
14420908	37541	85-90	2.23	10.46	0.5	0.4	22.4	32.44	8.84	SILTY CLAY LOAM	15	50	35	111.8
14420909	37542	90-95	2.06	11.08	0.4	0.3	22.1	35.73	9.07	LOAM	30	43	27	103.9
14420910	37543	95-100	2.09	10.47	0.4	0.4	21.1	34.39	8.64	CLAY	12	29	59	126.3
14420911	37544	100-104.9	2.96	11.57	0.7	0.7	32.8	38.67	7.18	CLAY	28	13	59	106.0
14420912	37545	114.3-119.3	1.65	10.85	0.3	0.3	17.3	31.42	8.56	CLAY LOAM	20	47	33	86.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/09/12
 Date Received: 07/24/12
 Date Reported: 12/07/12

Site: CC-12028C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420331	37546	0-5	2.71	11.71	10.8	5.7	15.2	5.28	7.37	LOAMY SAND	80	10	10	25.7
14420332	37547	5-10	2.70	12.77	10.1	6.3	18.1	6.34	7.60	LOAMY SAND	82	10	8	26.2
14420333	37548	10-15	1.48	12.58	6.4	5.2	6.9	2.87	7.77	SANDY CLAY LOAM	52	24	24	41.0
14420334	37549	15-20	2.04	13.42	12.0	8.7	6.7	2.10	7.54	LOAM	46	30	24	85.2
14420335	37550	20-25	3.23	15.58	26.1	16.7	7.6	1.64	7.46	CLAY	24	28	48	72.1
14420336	37551	25-30	2.30	13.31	13.5	9.8	7.3	2.14	7.56	CLAY	16	26	58	81.3
14420337	37552	30-35	2.40	12.59	12.2	9.1	8.9	2.74	7.73	CLAY LOAM	24	46	30	56.5
14420338	37553	35-40	1.79	13.34	10.1	7.1	6.6	2.26	7.92	CLAY LOAM	22	48	30	65.3
14420339	37554	40-45	2.19	13.31	12.4	8.2	8.5	2.66	7.19	SILTY CLAY LOAM	16	44	40	74.0
14420340	37555	45-50	2.65	12.04	8.9	5.4	17.6	6.57	7.76	SILTY CLAY LOAM	16	44	40	77.3
14420341	37556	50-55	2.22	10.49	2.3	1.6	19.4	13.82	8.24	CLAY LOAM	22	44	34	88.3
14420342	37557	55-60	2.14	10.73	0.8	0.7	21.4	24.48	8.23	CLAY	12	34	54	116.1
14420343	37558	60-65	1.57	11.05	0.3	0.2	16.9	35.15	8.88	SILTY CLAY LOAM	10	50	40	133.4
14420344	37559	65-70	2.24	10.55	0.4	0.3	22.9	39.11	9.06	CLAY LOAM	22	50	28	112.3
14420345	37560	70-75	1.78	10.81	0.3	0.3	18.7	36.70	9.05	CLAY LOAM	24	48	28	128.8
14420346	37561	75-80	2.03	10.62	0.2	0.2	21.1	43.70	8.87	CLAY LOAM	26	44	30	119.0
14420347	37562	80-85	2.07	9.58	0.4	0.4	19.0	28.76	8.99	CLAY LOAM	21	42	37	139.5
14420348	37563	85-90	1.95	10.48	0.5	0.4	19.6	30.16	8.94	CLAY	9	36	55	136.1
14420349	37564	90-95	10.33	14.01	5.0	7.5	132.2	52.86	7.17	CLAY	29	28	43	98.9
14420350	37565	106.6-111.6	2.00	10.40	0.8	0.6	19.4	23.39	8.35	CLAY	17	32	51	140.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/09/12
 Date Received: 07/24/12
 Date Reported: 12/07/12

Site: CC12029C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420851	37566	0-5	1.50	12.39	4.7	4.8	9.1	4.17	7.87	CLAY LOAM	31	31	38	74.3
14420852	37567	5-10	2.23	12.63	7.2	8.4	12.5	4.48	7.95	CLAY	21	23	56	93.5
14420853	37568	10-15	4.54	15.69	20.7	27.5	23.1	4.70	4.68	CLAY	29	21	50	86.8
14420854	37569	15-20	4.85	15.38	24.3	30.5	19.9	3.80	7.29	CLAY	17	35	48	98.3
14420855	37570	20-25	3.52	14.07	14.0	17.6	17.9	4.51	7.48	CLAY LOAM	23	41	36	81.4
14420856	37571	25-30	2.23	11.72	5.4	5.2	15.5	6.73	7.97	LOAM	49	28	23	62.4
14420857	37572	30-35	1.59	10.73	2.4	2.3	12.4	8.07	8.20	CLAY	17	38	45	130.2
14420858	37573	35-40	1.78	10.83	2.0	1.8	15.6	11.39	8.32	SILTY CLAY	11	46	43	142.3
14420859	37574	40-45	1.30	10.55	0.9	0.8	12.0	12.79	8.46	SILTY CLAY	15	42	43	149.4
14420860	37575	45-50	1.65	10.66	0.9	0.8	16.0	17.75	8.58	CLAY LOAM	21	42	37	158.5
14420861	37576	50-55	1.30	10.68	0.5	0.4	12.9	18.39	8.67	SILTY CLAY	9	42	49	159.9
14420862	37577	55-60	2.24	9.61	0.5	0.5	20.6	29.37	8.58	CLAY	23	22	55	159.7
14420863	37578	60-65	2.90	11.30	0.6	0.6	31.6	40.89	7.95	CLAY	15	32	53	94.5
14420864	37579	65-70	2.20	11.54	0.5	0.4	24.4	35.46	8.60	CLAY	11	20	69	107.1
14420865	37580	70-75	2.57	10.72	0.6	0.4	26.6	37.49	8.61	CLAY	11	20	69	115.5
14420866	37581	75-77.6	2.24	9.99	0.4	0.3	21.7	37.63	8.73	CLAY	21	24	55	95.4
14420867	37582	79-85	1.77	11.25	0.3	0.3	19.3	34.40	8.61	CLAY LOAM	27	36	37	132.3
14420868	37583	85-90	3.22	13.04	1.1	1.1	39.8	37.92	7.50	CLAY	27	10	63	131.9
14420869	37584	90-95	2.04	11.03	0.3	0.3	22.0	42.96	8.89	SILTY CLAY LOAM	13	50	37	125.2
14420870	37585	95-100	1.73	10.44	0.2	0.2	17.7	40.60	9.05	SILTY CLAY LOAM	17	52	31	134.0
14420871	37586	100-102	1.04	11.29	0.1	0.1	11.5	34.25	9.25	SILT LOAM	15	62	23	108.8
14420872	37587	103.6-110	4.09	10.81	1.5	1.3	41.4	35.15	6.83	CLAY	21	20	59	109.2
14420873	37588	105-110	2.17	10.19	0.6	0.4	21.1	29.24	8.54	CLAY LOAM	25	42	33	111.0

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14420874	37589	110-115	2.45	9.83	0.4	0.4	23.3	35.84	8.61	CLAY	13	32	55	112.7
14420875	37590	115-120	1.86	10.11	0.4	0.3	18.1	31.26	8.90	CLAY	23	26	51	145.5
14420876	37591	120-125	1.97	10.34	0.4	0.3	19.7	32.93	8.93	CLAY	17	30	53	139.9
14420877	37592	125-130	2.09	10.10	0.4	0.4	20.2	30.73	8.87	CLAY LOAM	25	44	31	123.6
14420878	37593	130-135	1.78	9.24	0.3	0.3	15.8	28.71	8.95	CLAY LOAM	27	42	31	120.7
14420879	37594	135-140	1.99	9.76	0.5	0.3	18.6	28.76	8.82	CLAY LOAM	21	40	39	122.4
14420880	37595	140-142.9	2.40	11.21	0.6	0.5	25.7	33.92	7.57	CLAY	23	18	59	104.0
14420881	37596	143.6-144.2	1.23	11.22	0.4	0.4	12.9	19.53	8.19	CLAY	27	2	71	138.6
14420882	37597	154.8-159.8	2.23	10.28	0.5	0.4	22.0	33.13	8.48	SILTY CLAY LOAM	17	44	39	111.8



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/10/12
Date Received: 07/24/12
Date Reported: 12/07/12

Site: CC12030C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420301	37598	0-5	1.58	12.36	6.0	6.7	6.8	2.71	7.97	CLAY LOAM	35	30	35	58.7
14420302	37599	5-10	1.05	11.29	3.2	4.5	4.2	2.16	8.13	CLAY LOAM	31	34	35	67.6
14420303	37600	10-15	2.30	11.22	9.8	7.2	8.8	3.01	7.91	CLAY LOAM	31	32	37	68.8
14420304	37601	15-20	3.46	15.17	24.7	14.2	13.7	3.10	7.76	CLAY LOAM	31	30	39	69.1
14420305	37602	20-25	2.50	14.72	15.2	10.1	11.5	3.22	7.83	CLAY LOAM	25	36	39	81.7
14420306	37603	25-30	2.87	12.80	12.6	9.0	15.1	4.60	7.83	SILTY CLAY LOAM	17	46	37	67.1
14420307	37604	30-35	4.56	13.23	28.3	18.0	14.0	2.91	7.70	SILTY CLAY LOAM	15	52	33	58.4
14420308	37605	35-40	3.48	14.46	22.0	12.7	15.6	3.74	7.70	LOAM	33	40	27	47.5
14420309	37606	40-45	2.39	12.97	12.0	8.6	10.4	3.22	7.76	LOAM	47	30	23	38.5
14420310	37607	45-50	2.18	12.25	11.1	7.1	8.5	2.81	7.77	CLAY	15	12	73	95.2
14420311	37608	50-55	1.76	12.33	6.6	4.5	10.7	4.55	7.83	CLAY	9	28	63	95.3
14420312	37609	55-60	1.95	11.80	6.5	4.5	12.0	5.09	7.85	CLAY	9	24	67	96.2
14420313	37610	60-65	3.62	12.53	11.4	9.0	24.9	7.81	0.68	SANDY CLAY	49	14	37	65.2
14420314	37611	65-70	2.08	10.29	2.2	1.8	17.4	12.31	0.81	CLAY	19	40	41	106.3
14420315	37612	70-75	3.42	8.38	3.5	2.8	22.4	12.62	0.78	CLAY	13	26	61	94.4
14420316	37613	75-80	2.18	10.53	1.7	1.4	19.8	15.93	0.82	SILTY CLAY LOAM	15	48	37	92.9
14420317	37614	80-85	1.80	9.74	0.6	0.5	16.4	22.09	0.85	SILTY CLAY LOAM	17	46	37	109.3
14420318	37615	85-90	2.48	10.42	0.8	0.6	24.5	29.59	0.79	CLAY	15	32	53	113.8
14420319	37616	90-95	2.88	8.72	0.6	0.4	24.1	33.57	0.82	CLAY	13	30	57	117.9
14420320	37617	95-100	1.86	10.19	0.4	0.3	18.3	31.16	0.87	CLAY LOAM	27	34	39	112.3
14420321	37618	100-105	1.70	9.78	0.3	0.3	16.0	27.70	0.88	CLAY	23	36	41	159.2
14420322	37619	105-110	2.00	9.94	0.3	0.3	19.3	35.43	0.88	CLAY	25	26	49	141.5
14420323	37620	110-115	1.88	10.07	0.4	0.3	18.2	31.00	0.89	SILTY CLAY LOAM	19	42	39	128.3
14420324	37621	115-120	1.66	9.69	0.3	0.2	15.6	30.62	0.90	CLAY LOAM	31	38	31	118.8
14420325	37622	120-125	2.66	7.97	0.4	0.3	20.5	34.77	0.85	CLAY	13	36	51	133.1
14420326	37623	125-129	2.36	10.76	0.5	0.5	24.3	33.58	0.83	CLAY	17	18	65	127.2
14420327	37624	140-145	1.48	10.42	0.3	0.3	14.9	28.15	0.85	CLAY	33	26	41	104.7



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/10/12
Date Received: 07/24/12
Date Reported: 12/17/12

Site: CC12031C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420261	37625	0-5	4.26	11.84	6.7	4.9	38.9	16.21	0.78	SANDY CLAY LOAM	59	18	23	43.0
14420262	37626	5-10	1.69	11.54	5.1	5.4	9.0	3.96	7.79	SANDY CLAY LOAM	49	22	29	51.8
14420263	37627	10-15	2.00	13.24	7.1	9.1	10.3	3.61	7.87	SANDY CLAY LOAM	45	24	31	61.7
14420264	37628	15-20	3.85	15.68	23.3	24.5	12.6	2.59	7.63	CLAY LOAM	33	36	31	67.9
14420265	37629	20-25	2.38	14.01	12.4	11.3	9.6	2.80	7.59	CLAY LOAM	43	28	29	66.4
14420266	37630	25-30	2.10	15.16	12.5	11.2	8.2	2.38	5.64	CLAY LOAM	43	18	39	64.5
14420267	37631	30-35	2.70	13.95	17.0	12.8	7.9	2.04	7.88	CLAY	23	36	41	96.5
14420268	37632	35-40	2.92	12.87	17.4	11.8	8.4	2.19	8.12	CLAY LOAM	31	38	31	71.3
14420269	37633	40-45	2.27	12.98	12.9	8.0	8.6	2.64	8.13	CLAY LOAM	27	44	29	70.9
14420270	37634	45-50	1.77	12.00	5.9	3.5	11.8	5.43	8.21	CLAY	17	40	43	106.1
14420271	37635	50-55	1.83	11.03	3.5	2.3	14.5	8.54	8.34	SILTY CLAY LOAM	15	50	35	90.7
14420272	37636	55-60	2.15	10.58	2.9	2.0	17.9	11.42	8.23	SILTY CLAY	17	42	41	124.6
14420273	37637	60-65	2.00	11.07	1.5	1.0	19.6	17.60	8.23	CLAY	15	20	65	136.8
14420274	37638	65-70	3.57	10.48	2.6	1.6	33.1	22.70	8.11	CLAY	12	13	75	114.2
14420275	37639	70-75	3.91	11.02	1.9	1.6	39.6	30.15	7.62	CLAY	10	35	55	82.5
14420276	37640	75-80	3.84	8.62	1.0	0.7	31.4	34.06	8.37	CLAY	5	19	76	105.9
14420277	37641	80-85	2.80	10.66	0.7	0.6	28.5	35.02	8.45	CLAY	3	20	77	102.9
14420278	37642	85-90	6.08	11.54	3.3	2.4	64.4	38.11	7.17	CLAY	39	13	48	84.4
14420279	37643	90-95	4.09	10.62	1.3	1.1	41.0	36.96	7.78	CLAY	11	19	70	113.3
14420280	37644	95-100	4.45	8.85	1.0	0.9	37.5	38.46	8.73	CLAY LOAM	35	32	33	77.1
14420281	37645	100-105	3.12	10.36	0.9	0.6	30.9	36.12	8.75	SILTY CLAY	11	48	41	99.4
14420282	37646	105-110	4.22	12.06	2.0	1.4	47.5	36.31	7.62	CLAY	19	34	47	107.8
14420283	37647	110-115	3.18	10.48	1.0	0.7	31.6	34.45	8.22	SILTY CLAY	13	42	45	120.4
14420284	37648	115-120	4.31	10.16	1.1	1.0	41.7	40.74	8.57	SILTY CLAY	18	41	41	95.1
14420285	37649	120-125	2.45	10.04	0.3	0.2	24.1	45.78	8.94	CLAY	15	32	53	138.4
14420286	37650	125-130	3.39	8.58	0.7	0.7	27.7	32.99	8.89	SILTY CLAY LOAM	14	49	37	121.5
14420287	37651	130-135	6.06	12.49	1.6	1.5	72.6	58.39	8.96	CLAY LOAM	21	44	35	106.1
14420288	37652	135-140	2.45	10.18	0.6	0.4	24.0	34.70	9.07	CLAY LOAM	35	36	29	93.8
14420289	37653	140-145	1.74	10.13	0.5	0.3	16.9	27.14	8.92	SILTY CLAY LOAM	17	44	39	122.0

Agricultural Testing

Voigt-028

Ref#	Lab#	Depth	EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420290	37654	145-150.8	6.55	4.0	3.2	76.3	40.02	6.68	CLAY	37	17	46	86.5
14420291	37655	161-166	2.59	0.4	0.3	28.8	47.51	8.42	CLAY	13	25	62	118.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/11/12
 Date Received: 07/24/12
 Date Reported: 12/19/12

Site: CC12032C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420221	37656	0-5	2.60	12.16	5.4	8.9	17.3	6.46	7.97	CLAY LOAM	41	21	38	59.9
14420222	37657	5-10	2.78	12.71	7.6	10.3	17.4	5.82	7.98	CLAY LOAM	43	23	34	60.2
14420223	37658	10-15	3.56	13.68	12.9	14.7	21.1	5.67	7.81	SANDY CLAY LOAM	47	21	32	59.6
14420224	37659	15-20	4.35	15.59	24.5	24.1	19.2	3.90	6.40	CLAY	31	27	42	73.7
14420225	37660	20-25	4.75	13.15	22.4	24.3	15.8	3.26	7.28	CLAY LOAM	27	37	36	89.3
14420226	37661	25-30	3.82	15.01	19.4	22.4	15.5	3.39	7.44	CLAY LOAM	21	39	40	91.6
14420227	37662	30-35	4.64	15.82	24.8	25.1	23.5	4.70	7.70	CLAY LOAM	33	39	28	63.7
14420228	37663	35-40	4.33	15.51	17.9	23.3	26.0	5.73	7.69	LOAM	41	33	26	66.8
14420229	37664	40-45	3.94	11.68	7.9	9.2	28.8	9.84	8.39	SILTY CLAY LOAM	15	45	40	92.5
14420230	37665	45-50	3.87	12.93	8.3	8.0	33.7	11.79	8.51	SILTY CLAY LOAM	13	53	34	85.4
14420231	37666	50-55	3.30	11.90	4.5	4.1	30.7	14.77	8.38	SILTY CLAY LOAM	15	45	40	96.3
14420232	37667	55-60	2.78	11.48	2.0	1.6	28.3	21.04	8.56	SILTY CLAY	13	43	44	123.2
14420233	37668	60-65	2.78	11.17	0.9	0.6	29.6	35.18	8.49	CLAY	5	15	80	130.2
14420234	37669	65-70	2.92	11.33	0.9	0.6	31.6	36.95	8.49	CLAY	11	13	76	130.6
14420235	37670	70-75	2.91	11.03	0.9	0.6	30.6	34.75	8.55	CLAY	13	13	74	117.0
14420236	37671	75-80	3.41	11.46	1.0	0.8	37.3	39.35	8.27	CLAY	9	25	66	103.1
14420237	37672	80-85	2.75	10.15	0.6	0.4	26.9	37.21	8.60	CLAY	5	21	74	104.7
14420238	37673	85-90	3.26	8.94	0.8	0.5	27.8	34.67	8.58	CLAY	5	21	74	108.9
14420239	37674	90-95	2.73	10.79	0.7	0.5	28.2	35.56	8.53	CLAY	19	35	46	110.7
14420240	37675	95-100	2.41	10.54	0.6	0.4	24.4	35.03	8.58	CLAY	9	35	56	122.8
14420241	37676	100-105	2.04	10.74	0.5	0.4	21.1	32.67	8.96	CLAY LOAM	25	47	28	110.5
14420242	37677	105-110	2.28	9.16	0.5	0.4	19.9	28.45	9.03	LOAM	35	41	24	101.1
14420243	37678	110-115	3.48	11.30	1.1	0.9	37.3	37.55	7.86	CLAY	21	31	48	102.0
14420244	37679	115-120	5.31	12.15	2.4	1.8	60.3	41.83	7.88	CLAY LOAM	41	29	30	96.0
14420245	37680	120-125	2.35	11.93	0.6	0.8	26.7	32.25	9.18	CLAY LOAM	23	39	38	136.0
14420246	37681	125-130	2.85	11.42	1.2	0.7	30.7	31.80	8.74	SILTY CLAY LOAM	15	45	40	113.7
14420247	37682	130-135	2.00	10.46	0.3	0.2	20.3	38.27	9.15	LOAM	33	41	26	108.4

Agricultural Testing

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420248	37683	135-140	2.41	10.21	0.5	0.4	23.7	34.77	8.88	CLAY LOAM	23	45	32	104.7
14420249	37684	140-145	2.22	9.59	0.4	0.2	20.7	37.39	9.09	CLAY LOAM	37	33	30	102.5
14420250	37685	145-150	2.40	10.01	0.4	0.4	23.2	36.09	8.84	SILTY CLAY	15	41	44	125.4
14420251	37686	150.1-153.75	2.45	11.06	0.5	0.4	26.1	37.29	7.91	CLAY	23	27	50	110.7
14420252	37687	164-169	2.66	8.59	0.5	0.3	22.1	35.77	8.50	CLAY LOAM	23	41	36	95.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarconhm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/11/12
 Date Received: 07/24/12
 Date Reported: 12/19/12

Site: CC12033C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420051	37688	0-5	2.50	13.85	9.6	5.6	19.4	7.03	7.53	LOAMY SAND	87	5	8	28.2
14420052	37689	5-10	2.15	12.45	6.2	5.0	15.5	6.55	7.54	SAND	91	1	8	27.8
14420053	37690	10-15	1.17	11.06	2.8	1.9	8.2	5.30	7.65	CLAY LOAM	35	27	38	91.5
14420054	37691	15-20	2.16	9.92	4.9	3.7	12.9	6.26	7.90	CLAY LOAM	31	34	35	89.5
14420055	37692	20-25	2.04	11.20	2.6	1.9	18.4	12.33	8.22	SILTY CLAY LOAM	19	42	39	113.2
14420056	37693	25-30	1.82	9.94	1.3	1.1	15.8	14.56	8.42	CLAY LOAM	37	32	31	86.2
14420057	37694	30-35	2.05	10.28	0.8	0.7	19.6	22.64	8.63	SANDY LOAM	61	20	19	60.4
14420058	37695	35-40	3.90	11.92	1.7	1.3	43.5	35.62	8.59	SANDY CLAY LOAM	53	18	29	79.8
14420059	37696	40-45	2.32	10.40	0.6	0.4	23.1	33.17	8.65	CLAY	19	18	63	128.1
14420060	37697	45-50	3.87	10.11	1.1	0.9	37.2	37.74	8.52	CLAY	35	18	47	92.9
14420061	37698	50-55	3.93	10.95	1.3	1.2	40.5	36.10	7.50	CLAY	25	34	41	85.5
14420062	37699	55-60	2.71	11.14	0.6	0.5	29.1	40.18	8.50	CLAY	13	20	67	109.4
14420063	37700	60-65	2.61	10.46	0.4	0.3	26.5	42.93	8.56	CLAY	15	14	71	122.0
14420064	37701	65-69.5	2.74	9.36	0.4	0.4	24.8	37.41	8.83	CLAY	19	22	59	88.7
14420065	37702	70.15-73	1.82	11.16	0.9	1.2	18.2	17.72	8.84	SILTY CLAY LOAM	17	44	39	119.5
14420066	37703	73-75	2.25	10.09	0.3	0.3	22.2	42.37	8.79	CLAY LOAM	21	46	33	132.2
14420067	37704	75-80	2.00	10.32	0.3	0.3	20.1	37.50	8.95	CLAY LOAM	23	38	39	136.1
14420068	37705	80-85	2.07	11.71	0.2	0.2	23.8	51.48	9.08	CLAY LOAM	31	36	33	109.8
14420069	37706	85-90	3.49	12.18	1.0	1.0	40.5	40.63	8.07	CLAY	15	28	57	107.3
14420070	37707	90-95	2.77	8.98	0.7	0.4	23.8	32.09	9.04	SILTY CLAY LOAM	17	48	35	142.2
14420071	37708	95-96.5	3.24	13.05	0.7	0.5	41.0	51.84	8.78	CLAY	5	36	59	101.2
14420072	37709	98.2-100	12.06	14.34	22.4	19.2	131.3	28.79	6.07	CLAY	35	14	51	78.0
14420073	37710	100-105	3.04	10.68	0.7	0.5	31.2	39.28	8.62	CLAY LOAM	25	36	39	105.2
14420074	37711	105-110	2.93	10.85	0.7	0.4	30.7	41.60	8.71	CLAY	19	34	47	108.5
14420075	37712	110-115	2.78	10.17	0.7	0.5	27.0	34.30	8.68	CLAY	23	28	49	106.4
14420076	37713	115-120	3.10	8.63	0.5	0.3	25.9	39.78	8.77	CLAY	21	28	51	137.6
14420077	37714	120-125	3.00	10.48	0.8	0.6	30.0	35.43	8.73	CLAY	19	36	45	127.3

Agricultural Testing

Ref#	Lab#	Depth	EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420078	37715	125-130	3.46	0.9	0.6	37.7	44.15	9.02	CLAY LOAM	29	42	29	110.2
14420079	37716	130-135	2.25	0.5	0.4	22.6	35.02	9.00	SILTY CLAY LOAM	19	44	37	109.3
14420080	37717	135-140	2.94	0.7	0.9	25.7	28.95	8.80	CLAY	25	30	45	102.9
14420081	37718	140-141	4.04	1.5	1.4	44.5	37.14	7.77	CLAY	27	26	47	97.1
14420082	37719	151.5-156.5	3.22	0.7	0.6	32.5	40.22	8.52	CLAY LOAM	21	40	39	110.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarconnm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/11/12
 Date Received: 07/24/12
 Date Reported: 12/07/12

Site: CC12034C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420921	37720	0-5	2.73	10.93	2.3	5.4	22.1	11.18	8.30	SANDY CLAY LOAM	53	26	21	49.7
14420922	37721	5-10	4.26	12.05	2.5	10.7	38.1	14.81	8.60	SANDY CLAY LOAM	49	26	25	64.7
14420923	37722	10-15	2.62	8.29	0.8	2.2	18.7	15.21	8.50	SANDY CLAY LOAM	65	14	21	66.0
14420924	37723	15-20	1.91	10.21	0.8	1.4	17.3	16.33	8.30	SANDY LOAM	69	12	19	62.8
14420925	37724	20-25	2.42	10.35	0.8	1.3	23.0	22.56	8.70	SANDY LOAM	65	22	13	47.5
14420926	37725	25-30	2.09	10.15	0.5	0.7	19.9	25.04	9.00	SANDY LOAM	71	14	15	56.8
14420927	37726	30-35	2.13	8.81	0.5	0.4	17.9	27.36	8.70	CLAY	13	28	59	76.6
14420928	37727	35-40	2.18	10.37	0.5	0.5	21.6	31.19	8.60	CLAY	15	14	71	79.9
14420929	37728	40-45	2.80	10.58	0.5	0.5	28.7	42.46	8.30	CLAY	7	32	61	95.8
14420930	37729	45-50	2.86	10.38	0.7	0.6	28.4	35.18	8.40	CLAY	17	22	61	68.3
14420931	37730	50-55	2.73	10.31	0.7	0.7	26.8	32.69	8.50	CLAY	7	18	75	76.7
14420932	37731	55-60	2.48	10.31	0.6	0.6	24.4	31.71	8.60	CLAY	9	22	69	64.5
14420933	37732	60-65	3.75	8.13	0.7	1.1	28.7	30.15	8.40	CLAY	11	12	77	76.4
14420934	37733	65-70	2.75	14.13	0.8	1.2	36.8	36.37	8.70	CLAY	7	32	61	84.8
14420935	37734	70-75	3.43	7.90	0.6	0.5	25.9	34.07	8.50	SILTY CLAY	15	42	43	72.7
14420936	37735	75-80	2.02	10.64	0.4	0.4	20.7	31.65	8.82	SILTY CLAY	9	47	44	129.0
14420937	37736	80-85	2.55	11.45	0.6	0.6	27.9	35.16	8.20	CLAY	17	30	53	65.2
14420938	37737	85-90	2.74	11.54	0.9	0.7	30.0	33.75	8.28	CLAY LOAM	33	31	36	116.3
14420939	37738	90-95	2.19	11.31	0.5	0.4	23.9	36.01	8.74	CLAY	23	15	62	123.0
14420940	37739	95-100	1.40	11.10	0.2	0.2	15.1	30.45	9.33	CLAY LOAM	39	25	36	157.5
14420941	37740	100-105	2.50	12.26	0.6	0.6	29.5	38.07	9.12	SILTY CLAY LOAM	19	41	40	155.9
14420942	37741	105-110	1.82	10.61	0.4	0.6	18.4	26.53	9.00	CLAY	17	33	50	146.1
14420943	37742	110-115	2.08	9.87	0.3	0.2	20.0	40.58	9.10	SILTY CLAY LOAM	19	43	38	141.2

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14420944	37743	115-120	2.00	10.86	0.3	0.2	21.2	42.30	8.98	CLAY	19	37	44	126.5
14420945	37744	120-125	1.84	10.77	0.2	0.2	19.4	41.85	9.04	CLAY	19	39	42	134.7
14420946	37745	125-130.2	2.83	11.73	0.6	0.5	32.1	43.82	7.81	CLAY	33	21	46	99.9
14420947	37746	140.4-145.4	2.32	10.67	0.4	0.3	24.1	40.44	8.26	CLAY	19	19	62	125.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/12/12
 Date Received: 07/24/12
 Date Reported: 12/19/12

Site: CC12035C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420121	37747	0-5	9.55	16.74	24.2	43.8	91.9	15.76	8.25	LOAM	45	29	26	74.5
14420122	37748	5-10	6.67	12.47	10.7	14.6	57.8	16.25	7.89	SILTY CLAY LOAM	19	43	38	106.6
14420123	37749	10-15	7.01	13.28	15.5	16.0	61.6	15.53	7.94	CLAY LOAM	21	41	38	112.2
14420124	37750	15-20	3.77	9.78	1.6	2.3	32.9	23.30	8.25	CLAY LOAM	33	37	30	136.0
14420125	37751	20-25	3.32	11.34	1.8	2.0	33.8	24.43	8.54	CLAY LOAM	35	37	28	123.3
14420126	37752	25-30	2.93	11.31	1.0	1.0	31.1	31.18	8.77	CLAY LOAM	27	45	28	104.9
14420127	37753	30-35	3.30	10.81	0.8	0.8	34.1	38.13	8.89	SANDY LOAM	65	19	16	70.0
14420128	37754	35-40	3.35	9.70	0.8	0.7	31.0	35.95	8.67	CLAY	23	25	52	127.1
14420129	37755	40-45	4.42	12.55	1.9	1.4	52.2	40.53	8.61	CLAY	13	19	68	102.7
14420130	37756	45-50	4.77	11.37	2.0	1.7	50.5	36.94	7.96	CLAY	15	35	50	101.7
14420131	37757	50-55	3.64	9.89	1.0	0.8	34.2	35.93	8.35	CLAY	19	21	60	108.4
14420132	37758	55-60	2.95	10.65	0.8	0.5	30.1	37.36	8.54	CLAY	3	17	80	128.8
14420133	37759	60-65	3.10	10.51	0.7	0.5	31.4	40.54	8.33	CLAY	7	15	78	125.8
14420134	37760	65-70	2.03	10.57	0.4	0.3	20.7	33.48	9.00	CLAY LOAM	23	41	36	148.7
14420135	37761	70-75	2.73	8.86	0.4	0.3	23.4	37.48	8.98	CLAY	19	37	44	133.9
14420136	37762	75-80	2.45	10.78	0.5	0.4	25.5	38.64	8.82	SILTY CLAY	11	45	44	138.6
14420137	37763	80-85	2.86	11.07	0.6	0.5	30.6	41.31	9.00	SILTY CLAY	5	45	50	141.9
14420138	37764	85-90	2.85	9.19	0.6	0.4	25.2	35.73	8.80	SILTY CLAY LOAM	15	53	32	112.2
14420139	37765	90-95	2.18	10.21	0.3	0.3	21.7	39.75	8.83	LOAM	31	43	26	103.9
14420140	37766	95-100	5.65	12.97	3.2	2.2	67.9	41.33	7.11	SANDY CLAY LOAM	57	19	24	88.4
14420141	37767	100-105	2.69	10.69	0.4	0.3	28.0	46.75	8.62	SILTY CLAY	9	45	46	135.1
14420142	37768	105-110	2.19	10.54	0.3	0.3	22.5	39.76	8.80	SILTY CLAY LOAM	19	41	40	143.0
14420143	37769	110-115	2.59	9.63	0.3	0.3	24.4	45.23	8.70	CLAY	13	29	58	144.3
14420144	37770	115-120	2.32	10.67	0.3	0.2	24.3	49.35	8.74	CLAY	9	35	56	157.3
14420145	37771	120-125	3.56	11.16	1.0	0.8	37.9	39.86	8.69	CLAY LOAM	25	37	38	131.5
14420146	37772	125-130	2.52	10.53	0.5	0.4	25.7	38.89	8.79	CLAY LOAM	33	37	30	108.1
14420147	37773	130-135	2.13	10.04	0.4	0.3	20.8	36.88	9.21	SANDY CLAY LOAM	51	27	22	101.1

Agricultural Testing

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420148	37774	135-140	2.32	10.47	0.6	0.4	23.3	32.69	9.01	CLAY LOAM	31	38	31	116.6
14420149	37775	140-145	2.61	9.37	0.5	0.4	23.6	36.26	8.67	CLAY	7	22	71	126.3
14420150	37776	145-148.4	1.46	11.61	0.4	0.2	16.4	31.96	8.24	CLAY	11	14	75	129.6
14420151	37777	158.4-163.4	1.65	10.48	0.2	0.1	16.9	39.29	8.51	CLAY	19	36	45	101.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agwise@polarcomm.com
 Homepage: www.agwise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/12/12
 Date Received: 07/24/12
 Date Reported: 12/19/12

Site: CC12036C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420191	37778	0-5	1.64	12.66	8.4	5.1	7.2	2.79	7.71	SANDY CLAY LOAM	61	17	22	50.2
14420192	37779	5-10	1.68	10.21	6.3	4.0	6.9	3.05	7.59	SANDY CLAY LOAM	59	15	26	40.7
14420193	37780	10-15	1.04	11.75	4.2	2.7	5.3	2.86	7.93	SANDY CLAY LOAM	45	15	40	53.7
14420194	37781	15-20	1.58	10.81	4.5	3.1	9.4	4.82	7.81	CLAY	31	13	56	75.8
14420195	37782	20-25	1.52	10.89	3.2	3.0	10.4	5.93	8.00	CLAY	17	11	72	88.0
14420196	37783	25-30	2.15	10.36	2.2	1.6	18.5	13.48	8.64	CLAY LOAM	25	37	38	86.0
14420197	37784	30-35	1.95	9.81	1.1	0.8	17.3	17.87	8.67	SILTY CLAY LOAM	17	45	38	98.4
14420198	37785	35-40	2.12	10.17	0.7	0.5	20.3	26.07	8.68	CLAY	13	27	60	135.7
14420199	37786	40-45	2.53	10.51	0.7	0.5	25.5	33.94	8.87	SILT LOAM	23	51	26	84.9
14420200	37787	45-50	2.18	10.80	0.5	0.4	22.6	32.65	9.07	LOAM	43	35	22	72.0
14420201	37788	50-55	3.18	11.03	0.9	0.6	33.6	38.98	8.23	CLAY	31	23	46	88.9
14420202	37789	55-60	3.89	9.50	1.0	0.8	35.2	37.30	7.87	CLAY	31	24	45	113.9
14420203	37790	60-65	2.18	10.76	0.4	0.3	22.7	37.95	8.83	LOAM	39	34	27	107.4
14420204	37791	65-70	2.23	11.09	0.4	0.4	24.0	39.04	8.80	CLAY	29	30	41	113.5
14420205	37792	70-75	3.30	10.97	0.6	0.6	35.0	44.01	8.19	CLAY	23	28	49	104.0
14420206	37793	75-80	2.18	9.66	0.2	0.2	20.6	43.83	9.13	CLAY LOAM	41	30	29	125.5
14420207	37794	80-85	2.81	10.57	0.4	0.3	28.9	47.26	8.81	CLAY	17	36	47	118.1
14420208	37795	85-90	2.98	10.60	0.5	0.4	30.7	47.66	8.86	CLAY LOAM	29	36	35	111.1
14420209	37796	90-95	2.04	10.70	0.2	0.1	21.4	49.44	9.16	SANDY CLAY LOAM	51	26	23	103.2
14420210	37797	95-100	1.88	10.11	0.2	0.1	18.8	52.60	9.22	SANDY CLAY LOAM	57	20	23	100.1
14420211	37798	100-105	2.29	10.42	0.3	0.2	23.4	50.45	8.93	CLAY	19	40	41	115.8
14420212	37799	105-106.65	2.46	9.74	0.4	0.3	23.3	39.95	7.60	CLAY	29	18	53	103.3
14420213	37800	117.4-122.4	2.67	11.15	0.4	0.3	29.0	47.75	8.17	SILTY CLAY LOAM	19	42	39	95.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/12/12
 Date Received: 07/24/12
 Date Reported: 12/19/12

Site: CC12037C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419961	37802	0-5	6.63	14.41	21.2	20.2	54.2	11.92	7.97	CLAY LOAM	27	37	36	104.5
14419962	37803	5-10	5.10	16.71	19.4	14.8	51.1	12.35	7.93	CLAY LOAM	29	39	32	123.4
14419963	37804	10-15	2.48	10.09	1.5	1.7	21.8	17.27	8.54	CLAY	22	37	41	190.3
14419964	37805	15-20	1.94	10.04	0.8	0.9	17.8	19.45	9.01	SANDY CLAY LOAM	52	23	25	150.4
14419965	37806	20-25	2.23	10.21	0.7	0.7	21.4	25.58	9.14	SANDY CLAY LOAM	58	19	23	136.7
14419966	37807	25-30	2.12	9.90	0.5	0.4	20.1	30.64	9.26	CLAY LOAM	36	33	31	128.7
14419967	37808	30-35	2.23	10.28	0.4	0.3	22.2	36.40	9.38	CLAY LOAM	38	33	29	109.1
14419968	37809	35-40	3.15	10.11	0.6	0.6	30.6	39.30	8.80	CLAY	24	13	63	131.6
14419969	37810	40-45	3.41	10.74	0.9	0.7	35.0	38.97	8.16	CLAY	8	37	55	107.1
14419970	37811	45-50	2.48	10.93	0.6	0.9	25.6	28.98	8.69	CLAY	4	15	81	137.8
14419971	37812	50-55	2.59	10.56	0.6	0.6	26.1	33.55	8.60	CLAY	17	16	67	144.9
14419972	37813	55-60	2.30	11.08	0.6	0.5	24.4	33.42	8.73	CLAY	17	15	68	151.5
14419973	37814	60-65	2.00	11.14	0.4	0.4	21.5	33.63	9.13	SILTY CLAY LOAM	18	50	32	127.6
14419974	37815	65-70	2.73	10.27	0.5	0.4	27.1	40.34	9.11	CLAY LOAM	21	51	28	105.5
14419975	37816	70-75	2.27	12.01	0.6	0.5	26.3	36.71	9.28	SILTY CLAY LOAM	18	49	33	103.8
14419976	37817	75-80	2.08	10.55	0.3	0.2	21.4	39.36	9.12	CLAY LOAM	23	43	34	110.5
14419977	37818	80-85	3.00	11.69	0.9	0.7	33.5	38.13	8.27	SILTY CLAY	11	42	47	96.7
14419978	37819	85-90	1.72	12.47	0.5	0.4	20.5	30.41	8.97	SILTY CLAY LOAM	12	53	35	91.9
14419979	37820	90-95	3.80	11.44	1.0	0.7	41.7	44.96	8.57	CLAY	19	17	64	114.4
14419983	37821	95-100	3.45	11.82	0.8	0.7	39.3	45.56	7.29	CLAY	38	11	51	101.0
14419980	37822	100-105	3.20	11.30	0.8	0.6	34.8	41.95	8.62	CLAY LOAM	39	29	32	117.3
14419981	37823	105-110	2.83	10.29	0.7	0.5	27.9	36.08	8.44	CLAY	19	31	50	106.1
14419982	37824	110-115	3.38	11.31	0.8	0.7	36.7	42.03	8.23	SILTY CLAY LOAM	16	47	37	88.9
14419984	37825	115-120	3.53	10.18	0.8	0.6	34.5	40.82	8.59	CLAY	19	37	44	134.4
14419985	37826	120-125	1.68	11.66	0.4	0.3	18.8	30.29	9.17	CLAY LOAM	38	31	31	101.9
14419986	37827	125-130	1.86	11.21	0.4	0.3	20.1	33.75	9.20	LOAM	49	29	22	100.2
14419987	37828	130-135	1.50	11.63	0.4	0.3	16.7	27.62	9.22	CLAY LOAM	21	39	40	98.2

Agricultural Testing

Voigt-039

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419988	37829	135-138.2	1.41	11.46	0.4	0.3	15.4	25.10	8.37	CLAY	20	23	57	114.6
14419989	37830	148.8-153.8	2.22	11.29	0.6	0.4	24.1	34.38	8.24	CLAY	18	31	51	92.3



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/13/12
Date Received: 07/24/12
Date Reported: 11/05/12

Site: CC12038C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419991	37831	0-5	3.11	11.77	2.0	2.6	32.0	21.18	8.54	CLAY	45	6	49	235.1
14419992	37832	5-10	4.47	12.24	2.0	2.5	50.3	33.69	8.61	SILTY CLAY LOAM	17	46	37	165.0
14419993	37833	10-15	2.56	11.49	1.3	1.4	26.7	22.88	8.47	SILTY CLAY LOAM	19	44	37	175.6
14419994	37834	15-20	2.70	10.65	1.0	1.4	26.4	24.04	8.63	SANDY CLAY LOAM	49	26	25	146.8
14419995	37835	20-25	2.23	10.18	0.5	0.4	21.8	32.38	8.95	CLAY LOAM	33	36	31	151.1
14419996	37836	25-30	2.77	10.59	0.6	0.5	28.2	38.44	8.55	CLAY	7	26	67	156.3
14419997	37837	30-35	4.01	7.83	0.7	0.5	30.3	40.40	8.37	CLAY	23	6	71	161.9
14419998	37838	35-40	2.82	10.71	0.7	0.8	28.7	33.54	8.29	CLAY	25	2	73	154.4
14419999	37839	40-45	2.50	10.55	0.5	0.4	25.5	38.47	8.08	CLAY	11	20	69	115.0
14420000	37840	45-50.2	2.60	10.43	0.6	0.4	26.2	37.75	8.00	CLAY	21	10	69	99.8
14420001	37841	51.2-55	2.19	9.16	0.3	0.2	19.5	38.64	8.47	CLAY	17	18	65	128.5
14420002	37842	55-60	2.36	10.25	0.4	0.3	23.5	38.57	8.48	CLAY	7	16	77	135.7
14420003	37843	60-65	1.68	10.24	0.3	0.3	16.6	30.48	9.04	CLAY LOAM	23	38	39	145.4
14420004	37844	65-70	3.00	10.88	0.7	0.6	31.4	39.67	7.91	CLAY	21	24	55	123.1
14420005	37845	70-73.6	2.52	10.40	0.5	0.3	25.4	39.13	8.25	CLAY	11	22	67	128.8
14420006	37846	76.2-80	1.91	10.56	0.4	0.3	19.5	34.51	8.12	CLAY	19	12	69	150.7
14420007	37847	80-85	3.27	8.07	0.5	0.3	25.6	40.33	8.40	CLAY	19	30	51	116.2
14420008	37848	85-90	5.77	13.68	1.1	1.0	76.8	75.02	8.52	CLAY	19	18	63	129.1
14420009	37849	90-95	2.00	10.39	0.3	0.4	20.1	34.15	9.02	CLAY LOAM	39	30	31	145.8
14420010	37850	95-100	1.91	10.23	0.3	0.2	19.1	39.02	8.85	SILT LOAM	21	54	25	165.5
14420011	37851	100-105	2.04	10.69	0.3	0.3	21.2	38.24	8.72	CLAY	18	28	54	83.0
14420012	37852	105-110	1.76	11.12	0.3	0.2	19.0	36.75	9.13	CLAY LOAM	44	27	29	77.1
14420013	37853	110-115	1.13	14.91	0.3	0.3	16.2	28.41	9.15	CLAY LOAM	34	36	30	87.7
14420014	37854	115-120	1.80	11.25	0.5	0.3	19.5	31.89	8.93	SILTY CLAY	16	41	43	112.2
14420015	37855	120-123	2.12	12.33	0.5	0.5	25.2	36.72	7.83	CLAY	22	23	55	94.3
14420016	37856	133.6-138.6	1.79	11.14	0.5	0.3	19.1	30.40	8.39	SILTY CLAY	18	41	41	86.9



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/13/12
Date Received: 07/24/12
Date Reported: 12/19/12

Site: CC12039C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420091	37857	0-5	5.64	18.96	22.9	26.4	57.6	11.61	7.99	CLAY	23	33	44	97.4
14420092	37858	5-10	6.69	16.07	13.0	24.7	69.8	16.08	8.25	SANDY CLAY LOAM	59	19	22	67.2
14420093	37859	10-15	2.98	11.20	1.4	2.6	29.4	20.73	8.44	SANDY CLAY LOAM	57	21	22	83.8
14420094	37860	15-20	2.58	10.69	0.6	1.2	25.8	27.22	8.87	SANDY LOAM	65	15	20	89.9
14420095	37861	20-25	3.56	9.76	1.2	1.3	32.2	28.62	8.70	SANDY CLAY LOAM	61	17	22	78.5
14420096	37862	25-30	2.55	10.42	0.7	0.6	25.2	31.05	8.82	SILTY CLAY LOAM	17	47	36	125.2
14420097	37863	30-35	2.67	9.97	0.6	0.5	25.6	35.53	8.90	SILTY CLAY	13	41	46	142.9
14420098	37864	35-40	3.17	11.21	0.8	0.7	34.0	39.19	8.53	CLAY	7	17	76	139.5
14420099	37865	40-45	3.77	10.84	1.1	0.9	38.8	38.04	8.10	CLAY	11	25	64	109.3
14420100	37866	45-50	3.14	10.96	0.8	0.7	32.9	37.56	8.30	CLAY	9	27	64	106.7
14420101	37867	50-55	2.72	10.57	0.7	0.7	27.3	32.19	8.60	CLAY	5	15	80	114.0
14420102	37868	55-60	4.18	12.08	1.3	0.9	48.3	45.90	8.50	CLAY	5	17	78	121.1
14420103	37869	60-65	2.59	11.17	0.6	0.4	27.9	39.21	8.60	CLAY LOAM	25	43	32	90.4
14420104	37870	65-70	2.25	11.13	0.5	0.4	24.1	34.60	8.80	CLAY	15	37	48	129.1
14420105	37871	70-75	2.35	9.86	0.6	0.5	22.1	30.96	8.80	CLAY	5	33	62	143.3
14420106	37872	75-80	2.50	10.79	0.6	0.5	25.9	35.71	8.70	SILTY CLAY LOAM	13	53	34	102.0
14420107	37873	80-85	2.51	10.53	0.6	0.6	25.3	33.83	9.11	SANDY CLAY LOAM	51	25	24	97.8
14420108	37874	85-90	4.64	12.21	1.7	1.4	53.6	43.14	7.53	CLAY	37	19	44	105.9
14420109	37875	90-95	5.62	11.67	3.0	2.6	60.0	35.77	7.15	CLAY	23	21	56	112.8
14420110	37876	95-100	2.26	10.86	0.5	0.4	23.6	35.16	8.83	CLAY	13	35	52	112.0
14420111	37877	100-105	2.68	10.94	0.8	0.5	28.0	33.98	8.87	CLAY	23	35	42	132.5
14420112	37878	105-110	2.95	10.59	0.8	0.6	29.9	35.68	8.78	SILTY CLAY	11	43	46	126.8
14420113	37879	110-115	2.31	10.09	0.5	0.4	22.4	32.45	8.95	SILTY CLAY LOAM	17	47	36	132.6
14420114	37880	115-120	2.36	10.61	0.5	0.4	24.1	36.20	8.95	SILTY CLAY LOAM	19	47	34	119.2
14420115	37881	120-125	1.90	10.54	0.2	0.2	19.6	44.49	9.23	SANDY CLAY LOAM	57	19	24	101.9
14420116	37882	125-130	2.10	10.87	0.3	0.3	22.3	44.46	9.11	CLAY LOAM	29	41	30	130.8
14420117	37883	130-134.4	3.33	10.43	0.8	0.5	33.5	41.95	7.80	CLAY	19	23	58	109.4
14420118	37884	144.8-149.8	2.27	10.89	0.3	0.2	24.1	45.16	8.47	SILTY CLAY	13	43	44	95.9

Agricultural Testing

Voigt-042



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/16/12
 Date Received: 07/24/12
 Date Reported: 12/19/12

Site: CC12040C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420161	37885	0-5	9.03	14.22	19.8	42.6	65.9	11.80	8.12	CLAY LOAM	27	33	40	99.1
14420162	37886	5-10	7.78	13.06	16.7	22.1	62.7	14.23	6.62	CLAY LOAM	23	37	40	98.3
14420163	37887	10-15	7.89	13.94	21.3	24.4	64.3	13.46	7.70	CLAY	19	39	42	111.9
14420164	37888	15-20	6.04	12.09	8.7	11.2	53.1	16.82	8.04	SILTY CLAY	17	41	42	136.2
14420165	37889	20-25	5.18	11.14	5.2	5.6	46.8	20.13	8.24	SILTY CLAY	11	41	48	159.4
14420166	37890	25-30	4.68	11.16	1.8	2.0	48.4	35.23	8.84	CLAY LOAM	21	43	36	118.0
14420167	37891	30-35	3.61	11.10	1.2	1.0	37.8	35.68	8.77	SILTY CLAY	13	41	46	135.9
14420168	37892	35-40	3.17	10.56	0.8	0.6	32.1	38.49	8.93	CLAY LOAM	43	27	30	110.7
14420169	37893	40-45	5.07	11.94	1.5	1.1	57.9	50.57	8.76	CLAY	9	35	56	124.5
14420170	37894	45-50	3.51	11.40	1.1	0.7	38.2	40.38	8.62	CLAY	7	15	78	128.2
14420171	37895	50-55	3.82	11.55	1.0	0.9	42.3	43.84	7.56	CLAY	13	39	48	114.0
14420172	37896	55-60	3.55	11.43	1.1	0.8	38.7	39.75	8.29	CLAY	7	17	76	115.3
14420173	37897	60-65	3.56	9.87	0.8	0.5	33.8	40.78	8.10	CLAY	15	13	72	122.2
14420174	37898	65-70	2.78	10.97	0.6	0.5	29.4	40.23	8.36	CLAY	9	35	56	131.7
14420175	37899	70-75	2.40	10.65	0.5	0.4	24.7	37.56	8.51	CLAY	9	31	60	136.8
14420176	37900	75-80	2.23	10.28	0.4	0.3	22.2	37.91	8.64	CLAY	11	25	64	162.5
14420177	37901	80-85	3.75	10.86	1.2	0.9	38.6	37.28	8.36	SILTY CLAY LOAM	19	47	34	104.7
14420178	37902	85-90	4.23	12.75	1.0	0.7	52.1	55.31	8.99	LOAM	43	35	22	111.7
14420179	37903	90-95	4.91	12.80	2.3	1.8	58.7	40.99	6.91	SANDY LOAM	71	15	14	93.6
14420180	37904	95-100	2.48	10.75	0.5	0.4	25.8	39.13	8.40	CLAY	15	31	54	128.8
14420181	37905	100-105	4.61	10.94	1.4	1.2	47.9	42.28	7.57	CLAY	29	29	42	92.2
14420182	37906	105-110	3.72	11.45	1.0	0.8	40.9	43.92	8.10	SILTY CLAY LOAM	15	45	40	105.9
14420183	37907	110-115	2.63	10.49	0.6	0.5	26.5	36.03	8.54	CLAY	7	31	62	135.9
14420184	37908	115-120	2.15	10.93	0.6	0.4	22.5	31.36	8.59	SILTY CLAY	11	41	48	132.6
14420185	37909	120-125	2.64	10.88	0.5	0.4	27.9	43.62	8.79	SILTY CLAY	11	43	46	124.8
14420186	37910	125-129	3.34	10.86	0.9	0.7	34.6	38.06	8.23	CLAY	7	23	70	119.3
14420187	37911	139.45-144.49	2.35	11.18	0.4	0.4	25.5	40.71	8.54	CLAY LOAM	31	33	36	94.5

Agricultural Testing



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agwise@polarcomm.com
 Homepage: www.agwise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/16/12
 Date Received: 07/06/12
 Date Reported: 10/30/12

Site: CC12041C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419881	37912	0-5	3.09	12.40	2.2	4.2	31.9	17.8	7.95	CLAY	22	35	43	132.1
14419882	37913	5-10	2.96	11.17	2.0	3.8	27.2	15.9	8.45	CLAY LOAM	22	39	39	146.7
14419883	37914	10-15	3.58	10.55	3.3	4.2	30.4	15.8	8.18	CLAY	20	21	59	192.9
14419884	37915	15-20	5.13	14.54	16.1	12.4	46.1	12.2	7.76	CLAY	26	19	55	165.3
14419885	37916	20-25	2.59	11.47	1.7	1.6	26.4	20.6	8.33	CLAY	4	27	69	139.9
14419886	37917	25-30	4.47	11.86	2.5	2.2	48.3	31.4	7.02	CLAY	24	17	59	131.1
14419887	37918	30-35	2.08	11.16	0.6	0.7	21.9	27.6	9.14	CLAY LOAM	40	27	33	137.6
14419888	37919	35-40	2.33	10.52	0.5	0.4	23.6	35.2	8.85	CLAY	14	31	55	135.2
14419889	37920	40-45	2.80	11.72	0.4	0.4	32.0	49.4	8.16	CLAY	22	35	43	108.9
14419890	37921	45-50	2.19	10.57	0.2	0.2	22.8	55.4	9.24	CLAY LOAM	30	35	35	105.6
14419891	37922	50-55	2.56	11.62	0.4	0.3	29.1	49.9	8.77	CLAY	18	39	43	86.5
14419892	37923	55-60	1.90	10.64	0.2	0.1	19.9	50.3	9.25	CLAY	22	37	41	116.9
14419893	37924	60-65	2.09	9.65	0.2	0.1	19.9	53.3	9.21	CLAY	22	33	45	120.8
14419894	37925	65-70	1.91	11.41	0.2	0.2	21.4	48.3	8.99	SILTY CLAY	8	43	49	123.1
14419895	37926	70-73	2.51	12.71	0.5	0.4	31.0	46.8	7.65	CLAY	36	15	49	98.7
14419896	37927	83.8-88.8	1.76	11.34	0.3	0.2	19.4	37.0	8.26	SILTY CLAY LOAM	18	47	35	89.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/16/12
 Date Received: 07/06/12
 Date Reported: 10/30/12

Site: CC12042C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420021	37928	0-5	2.33	11.89	4.1	7.4	16.2	6.76	7.9	CLAY LOAM	33	32	35	56.3
14420022	37929	5-10	7.23	16.46	21.0	35.3	62.7	11.81	7.8	CLAY LOAM	39	22	39	80.8
14420023	37930	10-15	6.24	15.76	22.7	25.6	50.1	10.19	7.6	SANDY CLAY LOAM	47	22	31	115.0
14420024	37931	15-20	6.26	15.68	17.4	19.9	60.9	14.11	6.5	CLAY LOAM	27	40	33	122.9
14420025	37932	20-25	3.18	11.39	1.6	2.9	31.7	21.22	8.1	CLAY	11	38	51	165.7
14420026	37933	25-30	3.52	11.31	2.0	2.9	34.9	22.26	8.2	CLAY LOAM	23	40	37	132.1
14420027	37934	30-35	3.39	10.03	1.1	1.2	31.7	29.37	8.7	CLAY LOAM	25	40	35	128.1
14420028	37935	35-40	2.82	10.50	0.7	0.6	28.3	35.01	8.9	LOAM	41	32	27	108.5
14420029	37936	40-45	1.91	11.22	0.6	0.5	20.3	27.18	8.8	CLAY	17	40	43	170.9
14420030	37937	45-50	2.06	10.44	0.5	0.3	20.7	32.34	8.7	CLAY	7	18	75	138.1
14420031	37938	50-55	2.56	10.57	0.6	0.4	26.1	38.55	8.7	CLAY	5	8	87	133.6
14420032	37939	55-60	3.32	11.38	0.7	0.6	36.5	45.40	8.1	CLAY	11	38	51	111.9
14420033	37940	60-64.5	2.68	9.17	0.6	0.4	23.6	33.26	7.9	CLAY	29	20	51	95.2
14420034	37941	65.7-70	2.62	11.57	1.3	0.4	28.6	31.27	8.5	LOAM	39	38	23	70.8
14420035	37942	70-75	2.18	10.64	0.5	0.4	22.4	34.81	9.0	LOAM	37	40	23	89.7
14420036	37943	75-80	1.70	10.18	0.4	0.4	16.5	25.97	9.1	LOAM	49	32	19	101.9
14420037	37944	80-85	1.67	10.60	0.4	0.2	17.1	30.97	9.3	SANDY CLAY LOAM	49	23	28	98.4
14420038	37945	85-90	1.50	10.47	0.3	0.2	15.2	31.07	9.4	SANDY CLAY LOAM	59	19	22	78.4
14420039	37946	90-95	2.23	12.34	0.5	0.3	26.7	40.79	9.2	CLAY LOAM	25	39	36	104.1
14420040	37947	95-100	2.33	11.83	0.6	0.5	28.5	36.17	8.5	CLAY	29	7	64	95.7
14420041	37948	100-102	1.78	11.47	0.3	0.2	19.9	38.39	8.3	CLAY	13	27	60	88.6
14420042	37949	104.8-110	3.74	11.91	1.2	0.9	42.4	41.10	7.6	CLAY	25	15	60	84.9
14420043	37950	110-115	2.41	14.79	0.5	0.4	34.7	50.19	8.4	CLAY	15	29	56	92.1
14420044	37951	115-120	2.52	11.66	0.3	0.3	28.8	52.23	8.8	CLAY LOAM	43	21	36	97.1
14420045	37952	120-125	2.63	11.93	0.4	0.3	30.7	52.83	8.5	CLAY LOAM	31	31	38	86.0

Agricultural Testing

Voigt-045

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420046	37953	125-130	2.25	11.39	0.2	0.2	25.2	52.80	8.9	CLAY	15	37	48	106.8
14420047	37954	130-135	2.05	11.37	0.3	0.3	22.7	40.83	9.0	CLAY	17	37	46	90.8
14420048	37955	135-139.8	2.05	11.98	0.3	0.2	24.0	46.26	8.2	CLAY	19	15	66	104.7
14420049	37956	149.5-154.5	1.74	11.71	0.3	0.2	19.9	41.82	8.7	CLAY	15	11	74	130.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/16/12
 Date Received: 07/23/12
 Date Reported: 09/29/12

Site: CC12043C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419921	37957	0-5	22.10	17.32	30.1	57.9	294.7	44.42	8.6	CLAY LOAM	28	32	40	97.0
14419922	37958	5-10	15.13	14.39	19.6	27.7	170.4	35.07	8.5	CLAY LOAM	43	20	37	84.1
14419923	37959	10-15	7.64	12.04	4.5	6.4	81.0	34.60	8.3	CLAY LOAM	39	30	31	117.2
14419924	37960	15-20	5.37	11.02	1.6	2.4	55.2	38.94	0.8	CLAY	7	28	65	193.9
14419925	37961	20-25	3.95	10.91	0.9	0.9	41.2	42.83	0.9	SILTY CLAY LOAM	13	50	37	177.6
14419926	37962	25-30	3.38	10.18	0.8	0.7	32.9	37.97	0.9	SILTY CLAY	9	50	41	160.7
14419927	37963	30-35.8	2.36	10.58	0.4	0.3	24.2	40.35	0.8	CLAY	19	18	63	138.0
14419928	37964	47-52	1.46	10.70	0.4	0.3	15.0	26.89	0.9	SILTY CLAY LOAM	15	48	37	102.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Received: 07/23/12
 Date Reported: 09/29/12

Site: CC12044C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366741	37965	0-5	2.78	12.77	10.1	9.9	15.5	4.91	8.0	CLAY LOAM	39	32	29	47.2
14366742	37966	5-10	5.30	11.69	5.5	15.6	40.9	12.59	8.2	CLAY	17	16	67	102.9
14366743	37967	10-15	4.27	12.11	5.2	9.5	37.0	13.64	8.1	CLAY	7	22	71	106.4
14366744	37968	15-20	4.70	13.19	10.6	10.4	41.0	12.63	4.8	CLAY	41	4	55	82.3
14366745	37969	20-25	2.55	11.18	3.3	3.4	21.9	12.00	7.5	CLAY	19	14	67	126.0
14366746	37970	25-30	3.19	10.83	3.4	3.6	27.6	14.80	8.1	SILTY CLAY LOAM	19	52	29	85.2
14366747	37971	30-35	2.33	10.52	1.0	1.0	22.5	22.23	8.5	SILTY CLAY LOAM	19	52	29	123.2
14366748	37972	35-40	2.04	10.17	0.7	0.6	19.5	24.41	8.6	CLAY LOAM	29	36	35	102.0
14366749	37973	40-45	2.98	10.80	1.0	0.8	30.4	32.67	7.3	CLAY	29	12	59	145.6
14366750	37974	45-50	3.19	7.54	0.5	0.3	23.2	35.86	8.6	CLAY	19	34	47	123.3
14366751	37975	50-55	1.73	10.16	0.3	0.2	17.0	32.50	9.0	SANDY CLAY LOAM	49	22	29	123.0
14366752	37976	55-60	2.18	10.79	0.4	0.3	22.8	39.26	8.7	CLAY	9	28	63	137.0
14366753	37977	60-65	2.22	10.54	0.5	0.4	22.6	34.87	8.4	CLAY	19	32	49	113.5
14366754	37978	65-70	2.23	8.37	0.4	0.2	18.1	32.76	9.0	CLAY	19	34	47	137.4
14366755	37979	70-75	1.95	10.71	0.5	0.4	20.0	29.54	8.7	CLAY	13	36	51	163.7
14366756	37980	75-80	2.15	10.12	0.4	0.3	21.1	36.82	8.7	CLAY	9	28	63	141.7
14366757	37981	80-85	1.82	10.37	0.4	0.3	18.2	31.71	8.8	SILTY CLAY	9	48	43	155.8
14366758	37982	85-90	2.20	10.38	0.3	0.3	22.2	40.20	8.6	CLAY	7	34	59	128.8
14366759	37983	90-93.9	2.23	10.92	0.5	0.4	23.5	36.44	7.8	CLAY	19	16	65	121.0
14366760	37984	104.4-109.	2.17	7.66	0.3	0.3	16.0	29.88	8.2	SILTY CLAY	13	46	41	104.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Received: 07/23/12
 Date Reported: 09/29/12

Site: CC12045C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366781	37985	0-5	2.39	10.39	7.6	6.0	11.2	4.30	8.1	CLAY	19	32	49	56.0
14366782	37986	5-10	5.57	15.15	8.9	26.6	48.9	11.60	5.7	CLAY	33	16	51	63.0
14366783	37987	10-15	5.82	13.94	13.7	22.4	45.1	10.62	6.5	CLAY	3	34	63	82.5
14366784	37988	15-20	3.41	11.09	1.9	2.1	33.9	24.07	8.2	CLAY LOAM	31	40	29	65.3
14366785	37989	20-25	3.54	10.72	1.3	1.3	35.3	30.96	8.2	CLAY	11	30	59	61.1
14366786	37990	25-30	2.61	10.72	0.8	0.6	26.5	30.69	8.4	CLAY	23	34	43	54.6
14366787	37991	30-35	3.09	7.53	0.5	0.4	22.3	33.15	8.6	CLAY	7	26	67	67.4
14366788	37992	35-40	2.23	10.43	0.4	0.4	22.5	36.54	8.7	SILTY CLAY LOAM	15	46	39	80.3
14366789	37993	40-45	1.86	10.61	0.2	0.2	19.3	40.39	8.8	SILTY CLAY LOAM	17	44	39	66.6
14366790	37994	45-50	1.96	10.91	0.3	0.2	20.8	38.33	8.3	CLAY	17	14	69	66.3
14366791	37995	61.7-66.7	1.69	9.11	0.2	0.1	15.0	36.38	8.4	CLAY LOAM	25	36	39	62.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Received: 07/23/12
 Date Reported: 09/29/12

Site: CC12046C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366761	37996	0-5	10.12	15.73	21.7	35.6	101.9	19.04	8.2	CLAY	17	20	63	60.1
14366762	37997	5-10	9.31	13.78	16.7	19.9	91.7	21.43	8.3	SILTY CLAY	9	46	45	65.4
14366763	37998	10-15	2.78	10.68	1.1	1.5	27.2	24.12	8.4	SANDY CLAY LOAM	49	26	25	55.0
14366764	37999	15-20	2.50	10.23	1.3	1.4	22.9	19.74	8.3	SILTY CLAY	11	48	41	66.3
14366765	38000	20-25	3.04	10.70	0.9	0.8	30.8	33.80	8.0	CLAY	17	36	47	65.2
14366766	38001	25-30	2.91	9.32	0.5	0.5	26.1	36.84	8.6	CLAY	11	36	53	125.9
14366767	38002	30-35	2.09	10.89	0.4	0.4	21.9	34.15	8.3	CLAY	19	28	53	125.9
14366768	38003	35-40	1.64	10.01	0.3	0.2	15.9	30.99	9.0	SILTY CLAY LOAM	13	48	39	146.4
14366769	38004	40-45	1.50	11.11	0.4	0.4	15.9	25.19	8.8	CLAY	15	38	47	157.3
14366770	38005	45-50	1.85	10.61	0.5	0.4	18.7	27.96	8.9	SILTY CLAY	7	42	51	135.1
14366771	38006	50-55	2.09	10.65	0.4	0.3	21.6	37.99	8.7	CLAY	9	36	55	120.3
14366772	38007	55-60	3.40	7.82	0.4	0.3	25.9	44.11	8.4	CLAY	11	24	65	129.6
14366773	38008	60-62.15	1.73	11.39	0.7	0.3	18.7	26.57	7.4	CLAY	37	12	51	105.4
14366774	38009	70.2-75.2	1.50	11.09	0.2	0.2	16.2	34.31	8.5	CLAY	11	34	55	134.4



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/17/12
Date Received: 07/24/12
Date Reported: 12/17/12

Site: CC12047C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419931	38010	0-5	2.49	11.55	2.0	7.8	18.9	8.55	8.39	CLAY	27	29	44	76.2
14419932	38011	5-10	9.11	15.24	21.7	50.8	66.3	11.02	4.9	CLAY	27	21	52	76.3
14419933	38012	10-15	10.34	17.23	25.9	59.7	92.5	14.14	3.58	CLAY	37	17	46	96.5
14419934	38013	15-20	5.79	19.51	21.4	35.1	56.4	10.62	6.16	CLAY	15	29	56	100.9
14419935	38014	20-25	5.00	13.29	7.0	10.9	48.6	16.23	8.28	CLAY	13	37	50	109.9
14419936	38015	25-30	5.26	12.32	4.5	4.7	55.6	25.96	8.77	CLAY LOAM	35	35	30	81.8
14419937	38016	30-35	3.75	11.05	1.3	1.1	39.0	35.36	8.93	CLAY LOAM	37	31	32	100.3
14419938	38017	35-40	4.17	9.72	1.4	0.9	38.2	35.29	8.52	CLAY	9	25	66	137.8
14419939	38018	40-45	3.14	10.73	0.7	0.4	32.6	43.74	8.68	CLAY	9	27	64	123.3
14419940	38019	45-50	3.32	10.30	0.7	0.4	33.1	44.78	8.48	CLAY	3	11	86	139.6
14419941	38020	50-55	3.57	10.92	0.8	0.7	37.5	43.45	7.53	CLAY	21	37	42	105.6
14419942	38021	55-60	3.57	10.78	0.7	0.5	37.2	47.16	7.73	CLAY	19	11	70	112.8
14419943	38022	60-65	3.95	11.10	1.0	0.8	42.0	44.06	7.80	CLAY	17	13	70	115.5
14419944	38023	65-70	2.67	10.52	0.4	0.6	27.1	38.78	8.69	SILTY CLAY LOAM	11	49	40	101.9
14419945	38024	70-75	2.64	10.98	0.4	0.4	28.1	42.86	8.64	SILTY CLAY	9	43	48	99.9
14419946	38025	75-80	4.47	11.94	1.3	1.0	51.0	46.95	7.11	SANDY CLAY LOAM	69	9	22	97.8
14419947	38026	80-85	3.48	10.90	0.6	0.5	36.8	48.85	8.08	SILTY CLAY	17	41	42	108.3
14419948	38027	85-90	2.55	9.53	0.6	0.4	23.3	33.52	8.81	SILTY CLAY LOAM	15	51	34	119.7
14419949	38028	90-95	2.59	10.91	0.6	0.4	27.3	36.66	8.69	SILTY CLAY	9	41	50	106.2
14419950	38029	95-100	4.00	11.79	1.1	0.9	45.1	45.01	7.45	CLAY LOAM	21	43	36	95.8
14419951	38030	100-105	2.44	11.11	0.6	0.4	26.1	36.40	8.62	CLAY	23	35	42	99.4
14419952	38031	105-110	2.73	10.62	0.5	0.3	28.2	43.74	8.66	CLAY LOAM	33	33	34	102.8
14419953	38032	110-115	2.09	10.43	0.4	0.2	21.2	39.57	9.14	LOAM	47	31	22	86.0
14419954	38033	115-120	2.59	10.44	0.5	0.4	26.1	38.43	8.71	LOAM	47	31	22	75.7
14419955	38034	120-125	2.45	11.25	0.7	0.6	26.3	32.79	8.50	LOAM	43	31	26	74.9
14419956	38035	125-133	1.71	11.53	0.5	0.3	18.9	29.27	8.40	CLAY	7	21	72	115.6
14419957	38036	138-143	1.65	11.16	0.5	0.3	17.6	27.76	8.18	CLAY	17	31	52	99.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/18/12
 Date Received: 07/23/12
 Date Reported: 09/29/12

Site: CC12048C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419901	38037	0-5	2.24	10.46	0.7	3.3	19.4	13.70	8.5	CLAY	13	38	49	84.6
14419902	38038	5-10	7.69	14.23	18.2	26.2	65.0	13.79	7.9	CLAY	13	36	51	86.1
14419903	38039	10-15	3.55	11.24	1.6	1.6	36.7	29.00	8.3	CLAY	15	32	53	141.8
14419904	38040	15-20	5.33	11.33	3.0	2.8	54.6	31.99	7.2	CLAY	19	38	43	99.6
14419905	38041	20-25	3.39	10.69	0.7	0.6	34.9	42.41	8.4	CLAY LOAM	21	44	35	102.9
14419906	38042	25-30	4.64	9.62	1.2	0.8	42.6	42.55	7.6	CLAY LOAM	31	32	37	77.1
14419907	38043	30-35	2.09	10.33	0.4	0.3	20.9	37.14	8.7	SILTY CLAY	9	50	41	148.4
14419908	38044	35-40	1.81	9.61	0.2	0.2	16.9	34.79	9.0	CLAY LOAM	27	44	29	152.1
14419909	38045	40-45	1.68	10.82	0.3	0.2	17.7	35.81	8.8	SILTY CLAY LOAM	15	46	39	145.7
14419910	38046	45-50	2.04	10.53	0.3	0.3	20.9	38.70	8.8	SILTY CLAY	15	44	41	131.7
14419911	38047	50-55	2.10	10.38	0.4	0.3	21.1	35.60	8.7	SILTY CLAY	11	44	45	143.0
14419912	38048	55-60.95	2.23	10.66	0.5	0.4	22.8	32.72	7.8	CLAY	21	18	61	80.9
14419913	38049	71.2-76.2	3.15	10.51	0.7	0.7	31.7	37.75	7.3	CLAY	17	28	55	82.7



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/18/12
Date Received: 07/24/12
Date Reported: 12/17/12

Site: CC12049C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366821	38050	0-5	11.35	15.03	24.1	36.7	109.8	19.90	8.29	CLAY	27	28	45	125.6
14366822	38051	5-10	9.46	12.86	15.5	25.1	81.0	17.98	7.99	CLAY LOAM	37	34	29	140.5
14366823	38052	10-15	4.70	10.85	2.3	3.7	45.0	25.90	8.93	CLAY LOAM	29	40	31	137.4
14366824	38053	15-20	6.78	14.63	3.3	3.7	92.2	49.51	8.99	CLAY LOAM	27	40	33	145.4
14366825	38054	20-25	2.22	11.18	0.7	0.5	23.6	29.99	9.04	CLAY LOAM	29	36	35	186.9
14366826	38055	25-30	2.35	10.71	0.6	0.4	24.2	34.13	8.87	CLAY	15	30	55	172.6
14366827	38056	30-35	2.58	10.00	0.6	0.5	24.7	33.41	8.60	CLAY	11	8	81	93.9
14366828	38057	35-40	3.17	10.54	0.8	0.7	31.9	36.58	8.00	CLAY	11	28	61	102.9
14366829	38058	40-45	2.53	9.20	0.6	0.4	22.3	32.24	8.50	CLAY	13	12	75	139.7
14366830	38059	45-50	2.14	10.68	0.5	0.4	21.9	31.82	7.80	CLAY LOAM	29	32	39	138.9
14366831	38060	50-55	1.79	9.93	0.4	0.3	17.1	29.47	8.70	CLAY LOAM	27	38	35	94.5
14366832	38061	55-60	1.73	10.11	0.4	0.3	16.8	28.48	9.00	SILTY CLAY LOAM	17	44	39	85.9
14366833	38062	60-65	1.61	9.17	0.2	0.2	14.4	33.58	9.20	CLAY LOAM	25	42	33	111.3
14366834	38063	65-70	6.49	12.24	6.6	4.7	68.1	28.69	7.00	CLAY	11	14	75	108.9
14366835	38064	70-75	2.29	10.16	0.4	0.3	22.6	38.68	8.30	CLAY	11	28	61	148.3
14366836	38065	75-80	3.73	10.88	1.1	0.8	38.7	39.35	7.50	CLAY	25	14	61	95.7
14366837	38066	80-85	2.23	9.88	0.4	0.3	21.4	37.35	8.70	CLAY	19	34	47	85.9
14366838	38067	85-90	2.10	9.84	0.4	0.3	19.9	33.34	8.80	CLAY	17	28	55	96.7
14366839	38068	90-95	3.02	7.88	0.5	0.4	22.9	33.46	8.80	CLAY	31	28	41	98.9
14366840	38069	95-100	5.12	14.39	1.8	1.4	70.4	55.50	8.80	CLAY	11	38	51	105.8
14366841	38070	100-105	2.91	9.90	0.3	0.3	28.2	52.03	8.92	SANDY CLAY LOAM	45	23	32	103.5
14366842	38071	105-110	2.52	10.76	0.3	0.2	26.6	52.43	8.68	SILTY CLAY	5	41	54	118.6
14366843	38072	110-115	2.84	10.51	0.4	0.2	29.2	53.13	8.56	CLAY	7	19	74	116.3
14366844	38073	115-117	1.79	11.17	0.7	0.2	19.1	27.77	7.63	CLAY	23	13	64	110.7
14366845	38074	128.25-133.25	1.65	11.02	0.6	0.5	17.1	23.64	8.23	CLAY	23	26	51	118.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/18/12
 Date Received: 08/07/12
 Date Reported: 01/02/13

Site: CC12050C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946531	41054	0-5	5.26	13.12	2.1	8.6	58.3	26.16	8.89	CLAY LOAM	36	31	33	76.2
12946532	41055	5-10	6.95	16.43	20.3	31.3	62.6	12.32	8.12	CLAY	32	25	43	85.5
12946533	41056	10-15	5.17	15.11	20.3	20.5	37.3	8.27	7.86	CLAY	30	23	47	70.2
12946534	41057	15-20	2.72	10.52	8.0	4.8	15.8	6.26	7.87	CLAY LOAM	44	21	35	56.8
12946535	41058	29-34	1.83	10.17	0.4	0.3	17.9	28.85	8.47	CLAY	18	23	59	107.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/19/12
 Date Received: 07/24/12
 Date Reported: 12/17/12

Site: CC12051C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14366801	38075	0-5	5.82	13.61	9.2	14.7	55.3	15.96	8.09	CLAY	7	25	68	134.4
14366802	38076	5-10	4.81	10.65	2.5	4.3	44.4	24.03	8.33	SILTY CLAY LOAM	19	41	40	129.4
14366803	38077	10-15	4.69	11.39	2.9	4.2	46.4	24.70	8.15	CLAY	7	13	80	146.7
14366804	38078	15-20	4.75	12.05	2.5	3.2	51.6	30.66	7.80	CLAY	7	21	72	113.3
14366805	38079	20-25	3.87	11.62	1.1	1.0	42.9	42.16	8.13	CLAY	7	13	80	117.8
14366806	38080	25-30	3.09	11.35	0.4	0.4	34.2	52.78	8.16	CLAY	5	11	84	122.5
14366807	38081	30-35	2.49	9.90	0.6	0.5	23.6	33.00	8.92	CLAY LOAM	25	45	30	91.4
14366808	38082	35-40	1.97	11.36	0.5	0.3	21.5	32.37	9.04	SILT LOAM	19	55	26	102.7
14366809	38083	40-45	2.09	10.60	0.5	0.4	21.3	32.60	9.04	SILTY CLAY LOAM	15	51	34	103.5
14366810	38084	45-50	3.13	12.11	0.9	0.7	36.4	41.28	7.76	CLAY	23	15	62	122.2
14366811	38085	50-55	2.48	11.19	0.5	0.4	26.9	41.28	8.71	SILTY CLAY	9	41	50	112.6
14366812	38086	55-60	1.85	11.21	0.4	0.3	20.0	32.34	8.95	CLAY LOAM	35	37	28	106.5
14366813	38087	60-65	2.66	10.49	0.6	0.4	26.9	37.35	8.77	CLAY	13	27	60	112.6
14366814	38088	65-70	1.95	11.27	0.4	0.3	21.3	36.10	8.93	CLAY	13	31	56	106.7
14366815	38089	70-75	1.77	11.17	0.4	0.3	19.0	30.70	9.02	SILTY CLAY	13	43	44	115.8
14366816	38090	75-80	1.67	11.23	0.6	0.4	17.8	25.37	9.23	SANDY CLAY LOAM	49	23	28	110.9
14366817	38091	80-85	2.48	9.78	0.5	0.4	23.3	34.11	8.81	SILTY CLAY	7	45	48	117.4
14366818	38092	85-90	2.13	11.38	0.4	0.4	23.4	36.74	8.77	CLAY	11	35	54	109.3
14366819	38093	90-93.5	2.75	11.18	0.6	0.5	29.6	39.68	7.67	CLAY	29	13	58	99.3
14366820	38094	104-109	2.78	11.98	0.6	0.6	32.1	40.61	7.33	CLAY	13	17	70	108.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/20/12
 Date Received: 08/07/12
 Date Reported: 01/02/13

Site: CC12052C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12657301	41059	0-5	5.06	21.23	20.6	20.6	66.2	14.59	8.03	CLAY LOAM	36	25	39	93.0
12657302	41060	5-10	8.18	16.13	12.1	21.8	98.0	23.79	8.37	CLAY	4	21	75	198.4
12657303	41061	10-15	3.95	11.05	1.0	1.1	41.6	40.70	8.64	CLAY	4	15	81	177.9
12657304	41062	15-20	4.21	11.24	1.3	1.0	45.0	42.17	8.47	CLAY	6	9	85	136.9
12657305	41063	20-25	3.41	10.99	0.8	0.6	36.1	43.26	7.87	CLAY	8	33	59	124.7
12657306	41064	29-35	1.79	10.30	0.4	0.2	17.8	31.42	9.02	SILTY CLAY	16	43	41	152.3
12657307	41065	35-40	2.03	8.81	0.3	0.2	17.5	37.18	9.09	SILTY CLAY LOAM	12	49	39	133.6
12657308	41066	40-45	2.91	11.29	0.5	0.4	31.9	47.59	9.07	LOAM	36	39	25	99.7
12657309	41067	45-50	1.50	10.62	0.3	0.2	15.4	30.39	9.11	CLAY LOAM	28	41	31	119.7
12657310	41068	50-55	3.57	10.74	1.0	0.8	36.5	37.97	7.68	CLAY	16	11	73	146.4
12657311	41069	55-58	3.33	9.17	0.6	0.5	29.4	38.54	8.24	CLAY	14	13	73	150.9
12657312	41070	62-65	2.55	10.52	0.5	0.3	26.0	39.40	8.51	SILTY CLAY	10	41	49	117.4
12657313	41071	65-70	2.26	10.01	0.5	0.3	21.9	35.46	8.60	CLAY	10	31	59	119.8
12657314	41072	70-75	2.30	10.58	0.5	0.3	23.6	38.39	8.63	CLAY LOAM	40	21	39	112.9
12657315	41073	75-80	4.31	10.69	1.0	0.8	44.3	46.46	8.08	SILTY CLAY LOAM	12	53	35	95.2
12657316	41074	80-85	1.79	10.27	0.3	0.3	17.8	33.08	8.91	CLAY LOAM	20	41	39	124.9
12657317	41075	85-90	2.19	9.36	0.3	0.3	19.9	36.93	8.67	CLAY	6	39	55	129.5
12657318	41076	90-95	2.20	10.83	0.6	0.4	22.9	33.71	8.28	CLAY	8	21	71	125.7
12657319	41077	106-111	2.32	11.49	0.8	0.4	25.4	32.57	8.21	CLAY	8	11	81	143.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/19/12
 Date Received: 07/24/12
 Date Reported: 12/07/12

Site: CC-12053C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14419851	38095	0-5	5.27	13.51	21.7	10.0	39.4	9.90	7.70	CLAY	37	20	43	79.8
14419852	38096	5-10	8.42	14.72	17.2	15.5	91.2	22.54	8.00	CLAY LOAM	31	32	37	97.2
14419853	38097	10-15	2.64	10.29	0.7	0.7	25.7	30.04	8.80	CLAY	9	24	67	170.1
14419854	38098	15-20	2.22	10.05	0.5	0.4	21.4	31.76	8.90	SILTY CLAY	11	44	45	109.7
14419855	38099	20-25	2.58	10.13	0.6	0.6	25.0	32.71	8.50	CLAY	9	6	85	124.5
14419856	38100	25-29.5	1.71	10.19	0.5	0.5	16.5	23.95	8.30	CLAY	9	10	81	84.6
14419857	38101	32.7-35	1.77	8.16	0.4	0.3	13.8	24.61	8.70	CLAY	21	38	41	85.5
14419858	38102	35-40	2.00	10.36	0.4	0.6	19.7	27.95	9.00	CLAY	19	40	41	103.5
14419859	38103	40-45	1.74	10.28	0.3	0.3	17.3	31.60	9.11	SILTY CLAY LOAM	11	50	39	154.4
14419860	38104	45-50	2.17	10.81	0.5	0.7	22.2	28.00	8.37	CLAY	19	12	69	152.8
14419861	38105	50-54	5.06	11.85	1.3	1.1	57.5	52.27	8.28	CLAY	17	26	57	104.3
14419862	38106	56.85-65	1.49	10.80	0.4	0.4	15.3	23.81	8.45	CLAY	23	8	69	153.3
14419863	38107	65-70	2.55	10.89	0.6	0.4	26.8	37.57	8.72	CLAY	11	40	49	132.2
14419864	38108	70-75	2.32	11.01	0.4	0.4	24.8	40.07	8.87	SILTY CLAY LOAM	19	44	37	129.7
14419865	38109	75-80	2.76	10.60	0.5	0.4	28.4	42.04	8.78	CLAY	9	34	57	123.2
14419866	38110	80-85	3.05	11.79	0.8	0.7	34.5	40.96	7.98	CLAY	29	28	43	97.5
14419867	38111	85-90	2.12	11.42	0.4	0.3	23.5	40.42	9.20	CLAY	31	28	41	103.9
14419868	38112	90-95	2.37	10.46	0.4	0.3	24.1	41.29	9.02	CLAY	19	24	57	136.4
14419869	38113	95-100	2.62	9.85	0.5	0.4	24.9	37.86	8.88	CLAY	23	34	43	140.0
14419870	38114	100-105	2.64	10.97	0.5	0.4	28.0	40.28	8.80	CLAY	11	38	51	126.6
14419871	38115	105-107.7	2.50	11.31	0.5	0.4	27.3	39.19	8.75	CLAY	11	30	59	117.7
14419872	38116	119.5-124.5	2.40	11.66	0.5	1.0	26.5	30.43	7.48	CLAY	25	10	65	121.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcommi.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/23/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12054C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946701	41078	0-5	3.28	10.31	4.0	7.3	22.5	9.44	7.90	CLAY LOAM	32	35	33	53.4
12946702	41079	5-10	8.99	17.91	24.4	52.0	84.6	13.69	8.10	CLAY	32	27	41	73.9
12946703	41080	10-15	8.85	17.03	23.8	45.1	81.8	13.93	7.96	CLAY	34	19	47	73.2
12946704	41081	15-20	7.87	17.26	21.4	32.5	82.0	15.79	7.84	CLAY	10	21	69	103.0
12946705	41082	20-25	4.73	12.04	6.3	5.6	45.0	18.46	8.10	CLAY LOAM	26	43	31	95.0
12946706	41083	25-30	3.19	10.77	2.6	1.9	29.9	20.03	8.31	SILTY CLAY	10	45	45	126.2
12946707	41084	30-35	4.47	10.53	4.3	2.5	40.2	21.69	8.51	CLAY LOAM	20	47	33	91.9
12946708	41085	35-40	3.14	11.25	2.9	1.5	30.9	20.84	8.42	SILTY CLAY LOAM	14	47	39	121.4
12946709	41086	40-44.7	3.81	9.68	2.4	1.6	32.9	23.42	8.65	CLAY	11	32	57	97.3
12946710	41087	48-50	4.82	12.12	4.9	4.8	48.7	22.19	7.31	CLAY LOAM	25	40	35	81.0
12946711	41088	50-55	4.55	10.51	3.1	2.2	42.5	26.16	8.04	CLAY	11	34	55	122.9
12946712	41089	55-60	3.93	11.16	1.8	1.3	40.8	32.86	8.50	CLAY	11	38	51	122.9
12946713	41090	60-65	3.53	11.60	0.9	0.6	39.5	46.46	8.88	CLAY	9	38	53	152.6
12946714	41091	65-70	2.08	10.74	0.4	0.4	21.5	34.01	8.65	CLAY	7	36	57	165.8
12946715	41092	70-75	2.62	10.41	0.5	0.4	26.4	39.39	8.95	SILTY CLAY	11	44	45	140.5
12946716	41093	75-80	2.10	10.53	0.4	0.3	21.4	35.46	9.02	SILTY CLAY LOAM	19	44	37	130.9
12946717	41094	80-85	4.81	12.46	1.2	0.9	57.8	55.88	8.66	CLAY	9	22	69	141.1
12946718	41095	85-90	2.66	10.81	0.6	0.4	27.7	38.78	8.78	CLAY	7	20	73	130.5
12946719	41096	90-95	3.44	8.85	0.7	0.6	29.2	36.71	8.69	CLAY	9	8	83	140.2
12946720	41097	95-99.5	3.44	11.23	0.9	0.7	37.0	40.30	8.07	CLAY	7	32	61	107.5
12946721	41098	102.7-105	1.36	10.80	0.3	0.2	14.2	27.45	9.15	SILTY CLAY LOAM	9	52	39	129.7
12946722	41099	105-110	4.67	11.24	1.7	1.5	49.3	38.94	8.15	CLAY	19	26	55	127.5
12946723	41100	110-115	4.36	9.60	1.1	0.8	40.0	40.79	8.58	CLAY LOAM	27	38	35	98.9
12946724	41101	115-120.9	2.17	10.71	0.4	0.3	22.5	38.51	9.09	LOAM	25	50	25	101.1
12946734	41102	124-125	1.27	11.31	0.5	0.2	13.7	23.27	8.77	CLAY	12	11	77	167.1

Agricultural Testing

Voigt-058

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946725	41103	125-130	6.55	12.72	4.1	3.6	75.6	38.59	7.50	CLAY	27	14	59	111.0
12946726	41104	130-135	3.57	10.88	0.9	0.7	37.3	42.41	8.59	CLAY	7	38	55	109.3
12946727	41105	135-140	4.28	11.11	1.2	1.0	45.4	43.83	8.09	CLAY	19	30	51	91.4
12946728	41106	140-145	4.45	11.37	1.4	1.1	48.1	43.20	8.24	SILTY CLAY LOAM	19	46	35	91.3
12946729	41107	145-150	3.33	8.92	0.6	0.4	28.7	40.22	8.83	CLAY	20	39	41	116.2
12946730	41108	150-155	2.05	10.52	0.5	0.3	20.7	31.30	8.86	SILTY CLAY	14	41	45	133.5
12946731	41109	155-160	2.31	10.61	0.5	0.4	23.6	35.79	8.57	CLAY	10	29	61	119.3
12946732	41110	160-163.2	1.39	11.58	0.7	0.5	14.9	19.25	7.86	CLAY	28	13	59	112.1
12946733	41111	173.5-178.5	1.80	9.59	0.6	0.3	16.3	24.29	7.85	CLAY	18	29	53	125.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/22/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12055C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14423131	41116	0-5	0.82	9.90	0.9	4.2	3.0	1.87	8.28	LOAMY SAND	81	8	11	28.5
14423132	41117	5-10	4.68	14.88	19.2	24.3	26.2	5.62	0.08	CLAY LOAM	23	48	29	64.5
14423133	41118	10-15	6.09	21.13	33.1	59.0	36.6	5.39	7.64	CLAY LOAM	25	44	31	69.3
14423134	41119	15-20	5.28	15.38	22.6	35.6	23.0	4.26	7.52	SILTY CLAY LOAM	15	46	39	70.8
14423135	41120	20-25	4.91	15.52	23.1	31.2	21.9	4.21	7.79	LOAM	43	38	19	46.3
14423136	41121	25-30	4.46	14.22	17.2	24.3	21.9	4.80	7.67	CLAY	9	38	53	88.1
14423137	41123	30-35	6.32	25.54	39.4	60.6	61.3	8.67	5.91	LOAMY SAND	79	14	7	70.6
14423138	41124	35-40	5.08	10.53	11.9	7.5	34.1	10.94	8.38	CLAY LOAM	27	44	29	77.0
14423139	41126	40-45	2.60	10.83	1.9	1.4	24.8	19.23	7.98	CLAY	9	24	67	98.1
14423140	41127	45-50	3.33	9.92	1.6	1.1	30.3	25.84	8.61	CLAY LOAM	23	44	33	89.0
14423141	41128	50-55	3.00	10.28	1.2	0.7	28.9	29.59	8.63	SILTY CLAY	11	44	45	111.0
14423142	41130	55-60	5.40	8.81	3.4	2.0	42.2	25.64	8.43	SILTY CLAY	11	46	43	103.5
14423143	41131	60-65	2.32	9.48	0.7	0.4	20.9	28.75	8.90	SILTY CLAY LOAM	19	48	33	112.2
14423144	41132	65-70	2.23	10.02	0.6	0.3	21.5	32.10	8.72	CLAY	7	30	63	112.7
14423145	41133	70-75	2.40	10.66	0.6	0.4	24.6	35.43	8.49	CLAY	1	14	85	131.2
14423146	41134	75-80	2.50	10.06	0.6	0.5	24.0	32.20	8.46	CLAY	11	8	81	132.7
14423147	41135	80-84.25	2.93	10.64	0.9	0.6	29.6	33.35	7.65	CLAY	13	26	61	86.8
14423148	41136	88.6-90	1.76	10.65	0.5	0.4	17.8	25.57	8.36	CLAY	15	24	61	119.3
14423149	41137	90-95	4.36	11.17	1.7	1.5	45.4	35.65	7.71	CLAY	13	14	73	124.2
14423150	41138	95-100	3.42	10.71	1.1	0.9	34.6	34.36	8.43	SILTY CLAY LOAM	19	46	35	105.3
14423151	41139	100-105	2.39	10.69	0.6	0.4	24.5	34.28	8.89	SANDY CLAY LOAM	49	26	25	83.7
14423152	41140	105-108.8	4.07	12.78	2.0	1.4	48.6	37.49	7.95	CLAY LOAM	35	28	37	83.5
14423153	41141	112.3-115	1.55	11.18	0.5	0.4	16.4	24.50	7.82	CLAY	27	16	57	111.9
14423154	41142	115-120	4.43	9.51	2.0	1.7	38.4	28.30	7.27	CLAY	23	26	51	99.1
14423155	41143	120-125	2.14	10.30	0.5	0.4	21.2	32.69	8.76	CLAY LOAM	37	34	29	101.2

Agricultural Testing

Voigt-060

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14423156	41144	125-130	2.59	10.83	0.5	0.4	27.2	40.83	8.59	CLAY	15	38	47	95.1
14423157	41145	130-135	2.61	10.63	0.8	0.4	26.5	33.82	8.57	SILTY CLAY	11	42	47	94.8
14423158	41146	135-140	4.41	11.58	1.3	1.1	48.7	44.26	7.50	CLAY LOAM	31	38	31	86.0
14423159	41147	140-145	3.77	11.43	1.0	0.8	41.2	42.79	7.55	CLAY	21	38	41	86.6
14423160	41148	145-149.1	1.87	11.59	0.6	0.4	20.6	28.34	8.07	CLAY LOAM	35	32	33	67.2
14423161	41149	157.5-162.1	2.43	11.14	0.7	0.6	25.8	32.04	8.28	CLAY	13	34	53	118.7



604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/24/12
Date Received: 08/07/12
Date Reported: 01/11/13

Site: CC12056C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946741	41150	0-5	3.61	15.03	23.0	14.9	16.5	3.79	7.60	CLAY	17	38	45	57.0
12946742	41151	5-10	5.19	24.78	23.2	52.4	53.0	8.62	6.50	CLAY	13	40	47	74.4
12946743	41152	10-15	8.06	21.38	30.8	68.8	72.8	10.31	5.10	CLAY LOAM	31	34	35	66.9
12946744	41153	15-20	8.08	18.59	26.0	49.8	74.4	12.08	7.40	LOAM	45	32	23	53.8
12946745	41154	20-25	6.56	18.24	26.9	32.1	60.7	11.18	7.70	CLAY	27	28	45	58.7
12946746	41155	25-30	3.71	11.94	5.5	5.3	33.5	14.46	8.20	SILTY CLAY	11	42	47	75.2
12946747	41156	30-35	3.55	11.83	4.5	3.9	33.6	16.47	8.20	CLAY	9	40	51	77.6
12946748	41157	35-40	3.76	9.86	2.6	1.6	32.8	22.54	8.80	CLAY	27	28	45	77.8
12946749	41158	45.7-50	3.00	11.25	2.0	1.6	30.1	22.35	8.80	CLAY LOAM	41	24	35	58.4
12946750	41159	50-55	3.25	10.52	1.5	1.1	31.5	27.49	8.60	CLAY	15	34	51	65.7
12657261	41160	55-60	1.96	10.96	0.4	0.3	20.7	33.78	8.90	SILTY CLAY LOAM	11	52	37	78.9
12657262	41161	60-65	1.69	10.01	0.4	0.4	16.1	25.10	8.90	SILTY CLAY LOAM	17	54	29	80.5
12657263	41162	65-70	1.91	10.31	0.4	0.4	18.8	28.90	9.00	LOAM	49	28	23	87.7
12657264	41163	70-75	3.56	8.50	1.1	0.9	28.3	28.40	8.70	SILTY CLAY LOAM	15	48	37	98.4
12657265	41164	75-80	2.43	10.56	0.3	0.3	25.1	47.44	9.22	SANDY LOAM	67	18	15	79.9
12657266	41165	80-85	2.04	11.15	0.2	0.2	22.3	47.94	9.28	SANDY LOAM	67	16	17	85.8
12657267	41166	85-90	2.29	11.06	0.2	0.2	24.9	51.90	9.46	SANDY LOAM	61	24	15	69.8
12657268	41167	90-95	2.39	11.21	0.2	0.3	26.3	52.05	9.38	SANDY CLAY LOAM	53	26	21	79.6
12657269	41168	95-100	2.91	9.80	0.4	0.3	27.8	46.29	8.99	CLAY	23	22	55	111.7
12657270	41169	100-105	3.02	11.37	0.5	0.4	33.5	51.09	8.88	CLAY	7	18	75	117.8
12657271	41170	105-110	3.36	11.58	0.7	0.5	37.7	48.90	8.52	CLAY	19	22	59	108.0
12657272	41171	110-115.3	2.75	11.49	0.5	0.4	30.7	45.59	8.78	CLAY	7	18	75	118.0
12657273	41172	118.2-120	1.43	10.52	0.2	0.1	14.7	33.96	9.38	CLAY LOAM	21	48	31	99.5
12657274	41173	120-125	2.30	11.46	0.4	0.3	25.6	43.44	9.03	SILTY CLAY	13	44	43	110.7
12657275	41174	125-130	2.43	9.36	0.4	0.3	22.0	36.44	9.01	SILTY CLAY LOAM	17	47	36	115.5

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
12657276	41175	130-130.5	2.35	11.14	0.5	0.3	25.4	40.35	8.90	SILTY CLAY	11	41	48	136.0
12657277	41176	135-140	1.35	10.65	0.3	0.2	13.9	29.41	9.30	SILT LOAM	21	55	24	104.1
12657278	41177	140-144.5	0.96	11.40	0.3	0.2	10.5	21.40	8.91	SILTY CLAY	7	41	52	143.1
12657279	41178	147.5-150	5.31	12.17	1.3	1.0	62.3	58.03	7.86	CLAY	27	19	54	122.9
12657280	41179	150-155	2.89	10.91	0.6	0.5	30.4	40.99	8.22	CLAY	19	39	42	101.5
12657281	41181	155-160	2.89	9.03	0.4	0.3	25.4	41.71	8.71	CLAY	25	33	42	99.5
12657282	41182	160-165	2.27	10.51	0.5	0.3	23.0	35.21	8.56	CLAY	15	25	60	109.0
12657283	41183	165-170	3.14	11.27	0.7	0.5	34.2	45.13	8.56	CLAY LOAM	25	43	32	85.3
12657284	41184	170-175	2.61	10.88	0.5	0.3	27.6	42.86	8.71	CLAY	27	31	42	96.4
12657285	41185	175-180	2.62	9.08	0.4	0.3	23.1	39.82	8.78	CLAY	19	33	48	110.0
12657286	41186	180-185.2	2.78	10.78	0.5	0.4	29.0	42.40	8.44	CLAY	17	19	64	110.9
12657287	41188	195.3-200.3	1.99	9.98	0.4	0.3	19.2	33.67	7.73	CLAY	17	9	74	135.1



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/23/12
Date Received: 08/07/12
Date Reported: 01/07/13

Site: CC12057C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12657341	41191	0-5	9.64	21.54	28.0	83.5	96.1	12.87	8.44	CLAY LOAM	30	41	29	57.2
12657342	41195	5-10	4.87	24.85	19.5	36.0	65.6	12.45	8.20	SILTY CLAY LOAM	18	45	37	79.7
12657343	41196	10-15	7.21	22.41	32.5	50.9	78.2	12.10	7.90	CLAY	10	21	69	94.0
12657344	41198	15-20	7.32	20.81	33.0	49.8	69.6	10.82	7.62	CLAY	18	31	51	84.2
12657345	41200	20-25	4.14	14.18	17.5	15.3	25.9	6.38	7.36	CLAY	10	27	63	103.5
12657346	41201	25-30	5.59	15.00	23.1	21.2	39.6	8.41	6.62	CLAY	24	13	63	85.1
12657347	41202	30-35	4.20	11.56	9.1	6.2	33.2	11.99	8.23	SANDY CLAY LOAM	48	27	25	59.0
12657348	41203	35-40	3.74	9.22	3.5	2.3	28.7	16.96	8.01	CLAY	6	15	79	98.3
12657349	41204	40-45	3.32	10.66	2.6	1.6	31.2	21.63	8.39	CLAY LOAM	34	35	31	77.6
12657350	41205	45-50	2.61	10.32	1.1	0.7	25.2	26.78	8.39	CLAY	16	37	47	106.2
12657351	41206	50-55	4.39	12.32	4.9	3.9	45.2	21.46	7.49	LOAM	32	43	25	68.7
12657352	41207	55-60.1	2.50	10.56	1.3	0.9	24.1	22.50	7.93	CLAY LOAM	28	35	37	60.4
12657353	41208	65-70	5.27	12.15	7.4	5.6	51.0	19.98	7.11	CLAY	38	21	41	83.8
12657354	41209	70-75	2.28	8.85	0.4	0.3	19.5	33.22	8.71	SILTY CLAY LOAM	14	49	37	152.0
12657355	41210	75-80	1.97	10.86	0.3	0.3	20.8	39.49	8.88	SILTY CLAY LOAM	10	53	37	137.4
12657356	41211	80-85	2.14	11.32	0.6	0.4	23.2	32.76	8.69	SILTY CLAY	14	45	41	123.2
12657357	41212	85-90	2.52	10.72	0.5	0.4	26.1	37.76	8.69	SILTY CLAY	8	47	45	135.1
12657358	41213	90-95	2.64	9.39	0.5	0.3	24.0	37.97	8.80	SILTY CLAY LOAM	10	53	37	119.8
12657359	41214	95-100	2.05	11.03	0.5	0.4	21.8	33.78	8.88	SILTY CLAY LOAM	14	53	33	107.7
12657360	41215	100-105	1.89	10.31	0.4	0.3	18.8	31.68	8.75	CLAY LOAM	26	37	37	135.2
12657361	41216	105-110	2.69	10.62	0.6	0.3	27.7	40.81	8.52	CLAY	8	29	63	137.4
12657362	41217	110-115	3.40	9.21	0.7	0.5	30.1	39.63	8.51	CLAY	14	13	73	138.6
12657363	41218	115-120	3.94	11.77	1.3	1.0	44.1	41.70	7.52	CLAY	26	29	45	88.1
12657364	41219	120-120.9	1.43	12.14	0.7	0.4	16.2	21.65	8.06	CLAY	28	13	59	113.2
12657365	41220	124.2-130	2.33	10.96	0.5	0.3	24.8	40.47	8.29	CLAY	14	25	61	119.7
12657366	41221	130-135	1.92	9.84	0.4	0.3	18.2	31.00	8.88	SILTY CLAY LOAM	16	45	39	147.9
12657367	41222	135-140	1.83	10.95	0.3	0.3	19.4	35.19	8.85	SILTY CLAY	6	53	41	134.2

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
12657368	41223	140-145.8	3.22	10.93	1.0	0.6	33.6	36.91	7.84	CLAY	22	21	57	107.8
12657369	41224	149-155	4.13	11.47	1.4	1.0	45.0	40.76	7.39	CLAY	26	17	57	117.9
12657370	41225	155-160	3.01	10.64	0.6	0.5	30.9	40.80	8.16	SILTY CLAY	14	41	45	115.9
12657371	41226	160-165	3.00	11.10	0.6	0.5	32.2	43.38	8.02	CLAY	16	27	57	116.3
12657372	41227	165-170	4.00	9.59	0.8	0.6	36.9	43.00	8.24	SILTY CLAY LOAM	18	53	29	103.3
12657373	41228	170-175	3.39	11.71	0.7	0.5	38.4	48.60	8.47	CLAY	10	35	55	119.7
12657374	41229	175-180	2.13	11.18	0.4	0.3	23.1	40.15	8.87	CLAY	24	31	45	113.4
12657375	41230	180-185	2.56	10.83	0.5	0.3	26.9	42.21	8.55	CLAY	2	33	65	121.9
12657376	41231	185-187.65	2.91	10.27	0.6	0.5	28.8	38.41	7.82	CLAY	23	22	55	100.5
12657377	41232	198.6-203.6	2.52	11.69	0.6	0.4	28.5	40.77	8.52	CLAY	11	36	53	105.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/25/12
 Date Received: 08/07/12
 Date Reported: 01/02/13

Site: CC12058C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12657321	41233	0-5	1.89	11.89	6.2	6.0	10.3	4.16	7.68	SANDY CLAY LOAM	51	19	30	68.7
12657322	41234	5-10	2.24	9.90	2.4	6.1	13.6	6.58	8.25	CLAY LOAM	41	23	36	59.2
12657323	41235	10-15	6.36	16.61	25.9	37.6	42.2	7.50	7.90	CLAY LOAM	35	27	38	65.7
12657324	41236	15-20	3.52	11.75	6.9	8.4	26.0	9.41	7.99	CLAY LOAM	35	27	38	67.7
12657325	41237	20-25	5.29	15.11	21.6	24.2	34.1	7.13	7.85	CLAY LOAM	29	43	28	71.4
12657326	41238	25-30	5.28	18.28	26.3	20.4	49.9	10.33	6.00	LOAM	51	29	20	69.5
12657327	41239	30-35	3.15	11.57	3.4	3.6	29.4	15.76	7.08	CLAY	15	23	62	92.4
12657328	41240	35-40	3.43	9.84	2.5	2.0	29.2	19.43	8.34	SILTY CLAY	9	45	46	105.7
12657329	41241	40-45	2.91	10.83	1.3	1.0	29.3	27.60	8.36	CLAY	17	31	52	122.0
12657330	41242	45-50	4.72	12.30	1.3	0.7	56.0	55.84	9.07	CLAY	17	39	44	138.1
12657331	41243	50-55	2.18	10.78	0.5	0.3	22.7	35.80	8.82	SILTY CLAY	11	43	46	132.0
12657332	41244	55-60	2.40	9.16	0.4	0.3	21.3	35.70	8.81	SILTY CLAY	7	43	50	138.2
12657333	41245	60-65	1.78	11.04	0.4	0.2	19.0	34.27	9.05	SILTY CLAY LOAM	17	45	38	132.0
12657334	41246	65-70	2.20	10.32	0.4	0.3	22.1	39.01	8.68	CLAY	8	35	57	139.1
12657335	41247	70-75	1.97	10.42	0.5	0.4	19.7	30.04	8.78	CLAY LOAM	20	45	35	118.0
12657336	41248	75-80	2.08	9.76	0.3	0.2	19.8	38.41	8.78	SILTY CLAY	18	41	41	146.6
12657337	41249	80-85	2.04	10.77	0.5	0.3	21.2	33.44	8.72	SILTY CLAY	10	43	47	143.0
12657338	41250	85-90	2.03	11.13	0.5	0.4	21.6	31.28	8.21	CLAY	10	17	73	128.7
12657339	41251	101.8-106.8	2.08	10.21	0.8	0.6	19.8	23.24	7.83	CLAY	2	21	77	106.5



604 Highway 15 West
 P.O. BOX 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd. 15
 Beulah, ND 58523

Date Sampled: 07/25/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12059C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14423101	41252	0-5	1.80	12.66	6.5	7.4	8.8	3.35	7.76	SANDY CLAY LOAM	46	21	33	47.1
14423102	41253	5-10	2.53	10.49	4.1	7.8	14.6	5.99	8.20	CLAY LOAM	40	25	35	53.7
14423103	41254	10-15	2.00	11.54	3.2	4.2	15.7	8.15	8.22	CLAY LOAM	38	25	37	68.1
14423104	41255	15-20	2.85	11.32	5.0	5.8	21.5	9.27	8.14	SANDY LOAM	74	13	13	29.8
14423105	41256	20-25	2.04	10.82	2.1	2.8	17.2	10.94	8.31	CLAY LOAM	26	43	31	74.8
14423106	41257	25-30	2.04	10.55	2.0	2.6	17.0	11.22	8.23	CLAY	8	29	63	90.5
14423107	41258	30-35	2.22	10.94	2.2	3.1	18.9	11.57	8.30	LOAM	36	37	27	59.8
14423108	41259	35-40	1.84	9.73	1.0	1.0	15.8	15.46	8.51	CLAY	14	39	47	101.0
14423109	41260	40-45	2.43	10.75	1.0	1.0	24.1	23.68	8.53	CLAY	14	37	49	91.6
14423110	41261	45-50	2.24	10.44	0.6	0.5	22.2	29.05	8.92	SILTY CLAY LOAM	14	53	33	97.9
14423111	41262	50-55	2.46	10.42	0.6	0.5	24.6	34.25	8.74	SILTY CLAY	12	45	43	101.8
14423112	41263	55-60	5.48	10.94	1.4	1.2	57.3	50.12	8.03	CLAY	17	18	65	128.3
14423113	41264	60-65	2.08	10.56	0.5	0.5	21.0	29.80	9.00	SILTY CLAY	9	46	45	127.3
14423114	41265	65-70	1.77	10.21	0.2	0.2	17.6	38.27	9.26	SILTY CLAY LOAM	17	46	37	138.8
14423115	41266	70-75	1.97	10.60	0.4	0.4	20.1	32.10	8.88	SILTY CLAY	11	43	46	146.3
14423116	41267	75-80	2.47	9.38	0.4	0.3	22.4	36.21	8.90	CLAY	7	40	53	139.8
14423117	41268	80-85	2.16	10.52	0.4	0.3	22.1	37.91	9.01	CLAY	9	40	51	146.6
14423118	41269	85-90	2.13	10.06	0.4	0.4	20.7	33.25	9.14	SILTY CLAY LOAM	17	48	35	121.6
14423119	41270	90-95	2.09	11.02	0.5	0.4	22.2	34.45	9.00	SILTY CLAY LOAM	13	48	39	128.7
14423120	41271	95-100	1.90	10.71	0.3	0.2	19.8	37.83	8.95	SILTY CLAY LOAM	15	50	35	120.6
14423121	41272	100-105	1.97	10.82	0.4	0.4	20.6	33.32	8.79	SILTY CLAY	9	46	45	143.2
14423122	41273	105-110.7	2.37	10.25	0.6	0.5	23.2	31.97	8.17	CLAY	17	24	59	126.1
14423123	41274	122.8-127.5	2.78	11.19	0.8	0.7	29.6	34.38	7.88	CLAY	13	24	63	128.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/26/12
 Date Received: 08/07/12
 Date Reported: 01/03/13

Site: CC12060C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946681	41275	0-5	1.87	12.77	5.1	9.0	9.8	3.67	7.82	CLAY LOAM	37	34	29	87.0
12946682	41276	5-10	7.76	15.76	23.7	33.0	65.6	12.32	8.08	SANDY CLAY LOAM	49	16	35	67.6
12946683	41277	10-15	3.66	9.97	2.9	4.8	28.8	14.72	8.14	CLAY LOAM	33	36	31	107.5
12946684	41278	15-20	6.04	15.78	16.2	18.1	60.9	14.70	7.93	CLAY	27	26	47	97.7
12946685	41279	20-25	3.39	11.17	1.9	3.2	32.8	20.52	8.36	CLAY LOAM	35	36	29	94.8
12946686	41280	25-30	3.65	11.72	2.1	3.7	37.0	21.72	8.49	SILTY CLAY LOAM	13	48	39	128.7
12946687	41281	30-35	3.58	10.95	2.1	3.3	33.8	20.43	8.35	SILTY CLAY LOAM	15	46	39	151.2
12946688	41282	35-40	3.36	11.15	1.6	2.3	33.5	23.97	8.36	CLAY	21	38	41	133.3
12946689	41283	40-45	3.81	10.68	2.0	1.9	36.8	26.26	8.53	SILTY CLAY	15	42	43	138.5
12946690	41284	45-50	4.83	11.68	3.3	2.8	50.3	28.63	8.31	CLAY	5	32	63	131.9
12946691	41285	50-53	4.90	11.65	3.5	4.0	49.6	25.73	6.76	CLAY	25	16	59	94.9
12946692	41286	63.55-68.53	4.84	12.42	6.2	6.7	47.1	18.52	6.36	CLAY LOAM	43	26	31	80.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/26/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12061C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946641	41287	0-5	1.96	11.04	6.6	5.1	9.9	4.07	7.38	SANDY LOAM	75	10	15	28.7
12946642	41292	5-10	2.59	11.50	4.0	7.8	18.0	7.40	8.02	CLAY LOAM	41	26	33	55.6
12946643	41293	10-15	6.57	17.16	25.8	43.7	43.3	7.34	7.89	CLAY	11	20	69	90.7
12946644	41294	15-20	3.66	12.95	8.0	14.5	24.9	7.41	7.98	CLAY	11	36	53	79.1
12946645	41295	20-25	2.38	10.67	3.5	5.9	15.9	7.33	8.16	SILTY CLAY LOAM	19	50	31	69.4
12946646	41296	25-30	2.14	10.68	3.4	3.8	15.7	8.31	7.94	CLAY	5	36	59	84.4
12946647	41297	30-35	4.39	11.21	7.7	9.4	32.0	10.94	6.82	CLAY	25	28	47	67.7
12946648	41298	35-40	3.00	10.88	3.5	3.1	26.1	14.42	7.67	SILTY CLAY LOAM	17	48	35	75.2
12946649	41299	40-45	1.96	10.43	0.9	0.6	18.9	21.21	8.46	SILTY CLAY LOAM	13	54	33	83.7
12946650	41300	45-50	1.83	10.37	0.5	0.4	18.0	25.80	8.86	CLAY LOAM	31	40	29	89.4
12946651	41301	50-55	2.61	10.47	0.8	0.6	26.0	31.65	8.46	CLAY	12	35	53	123.1
12946652	41302	55-60	2.35	11.14	0.6	0.4	25.2	35.82	8.68	CLAY	16	37	47	118.2
12946653	41303	60-65	3.78	11.10	1.1	1.0	39.9	39.50	7.64	CLAY LOAM	22	43	35	82.6
12946654	41304	65-70	2.47	10.66	0.6	0.6	25.1	32.43	8.42	CLAY	6	31	63	136.4
12946655	41305	70-75	2.33	9.76	0.6	0.7	21.4	26.47	8.76	CLAY LOAM	22	45	33	120.3
12946656	41306	75-80	2.00	11.03	0.5	0.4	21.2	32.16	8.76	SILTY CLAY	18	41	41	150.1
12946657	41307	80-84.3	2.68	11.36	1.0	0.7	28.7	30.73	7.94	CLAY	16	15	69	111.8
12946658	41308	97.2-102.2	2.04	10.99	2.0	2.0	18.4	12.95	7.28	CLAY	18	29	53	79.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/26/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12063C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946661	41309	0-5	2.26	11.58	3.5	6.7	15.9	7.05	7.91	SANDY CLAY LOAM	47	20	33	54.2
12946662	41310	5-10	5.86	16.59	23.2	41.6	32.4	5.68	7.94	CLAY	11	32	57	80.1
12946663	41311	10-15	4.82	15.23	20.2	29.5	23.8	4.77	7.74	CLAY	5	32	63	91.6
12946664	41312	15-20	2.27	12.62	6.5	8.9	13.2	4.77	7.94	CLAY	17	34	49	74.1
12946665	41313	20-25	2.08	12.07	5.7	6.0	13.4	5.54	7.93	CLAY	17	28	55	84.7
12946666	41314	25-30	1.94	9.53	4.0	3.1	11.4	6.03	8.33	SILTY CLAY	15	44	41	88.7
12946667	41315	30-35	1.55	10.32	2.5	1.8	11.7	7.97	8.34	SILTY CLAY LOAM	15	46	39	85.5
12946668	41316	35-40	2.25	10.01	2.9	2.3	17.3	10.73	8.08	CLAY	19	28	53	89.8
12946669	41317	40-45	2.08	10.94	2.7	2.0	18.1	11.86	8.36	SILTY CLAY LOAM	19	45	36	88.0
12946670	41318	45-50	2.22	10.82	2.3	1.8	19.9	13.90	8.46	SILTY CLAY LOAM	19	49	32	89.3
12946671	41319	50-55	2.15	9.66	1.8	1.5	17.5	13.67	8.17	CLAY	9	35	56	106.6
12946672	41320	55-59.5	2.47	11.36	2.5	2.5	23.0	14.45	7.29	CLAY	21	17	62	82.3
12946673	41321	71-76	2.16	10.18	1.1	1.0	19.9	19.25	7.82	SILTY CLAY	13	43	44	92.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/26/12
 Date Received: 08/07/12
 Date Reported: 01/07/13

Site: CC12065C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14423171	41322	0-5	2.17	12.05	5.0	8.2	13.0	5.05	8.14	CLAY LOAM	33	30	37	53.9
14423172	41323	5-10	1.57	10.70	0.8	1.5	14.5	13.48	8.50	CLAY LOAM	37	34	29	66.7
14423173	41324	10-15	4.53	13.28	7.9	9.6	42.7	14.45	8.15	CLAY	15	34	51	87.8
14423174	41325	15-20	2.29	10.58	1.2	1.6	21.4	18.05	8.56	LOAM	39	34	27	84.8
14423175	41326	20-25	3.12	9.52	1.5	2.1	26.0	19.20	8.35	SILTY CLAY	9	42	49	118.6
14423176	41327	25-30	2.53	10.93	1.1	1.4	25.2	22.94	8.41	CLAY	5	28	67	130.9
14423177	41328	30-32.5	4.12	12.34	2.4	3.0	45.5	27.88	7.38	CLAY	25	14	61	91.7
14423178	41329	33.3-35.2	3.21	11.08	1.4	1.3	32.9	28.60	7.65	CLAY	11	16	73	117.5
14423179	41330	45.4-50.4	2.42	9.57	0.8	0.6	21.8	26.24	8.32	CLAY	19	34	47	96.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/27/12
 Date Received: 08/07/12
 Date Reported: 01/03/13

Site: CC12066C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946541	41333	0-5	7.15	16.18	18.1	42.3	55.3	10.07	7.94	SANDY CLAY LOAM	47	24	29	58.2
12946542	41335	5-10	8.15	14.42	18.6	39.4	59.5	11.05	8.09	CLAY LOAM	23	42	35	74.5
12946543	41337	10-15	5.29	15.56	13	27	42.3	9.44	7.99	CLAY	11	40	49	88.9
12946544	41339	15-20	5.84	15.21	17	28.9	42.8	8.93	7.99	SILTY CLAY LOAM	15	46	39	84.7
12946545	41340	20-25	3.62	9.53	6.3	7.1	21	8.11	8.03	SILTY CLAY LOAM	13	48	39	79.5
12946546	41341	25-30	4.8	14.03	16.9	16.9	33.6	8.19	6.7	CLAY	39	16	45	83.5
12946547	41342	30-35	3.93	11.67	7.7	6.8	31.4	11.64	7.25	CLAY	15	36	49	83.8
12946548	41343	35-40	2.29	10.56	1.5	1	21.6	19.06	8.09	LOAM	31	42	27	78.9
12946549	41344	40-45	4.28	8.64	2.1	1.6	33.3	24.36	7.85	CLAY	15	38	47	95.1
12946550	41345	45-50	2.17	10.07	0.6	0.4	20.8	28.92	8.73	CLAY LOAM	22	45	33	93.7
12946551	41346	50-55	2.32	10.19	0.7	0.6	22.3	27.61	8.5	SILTY CLAY	3	50	47	110.2
12946552	41347	55-60	2.18	10.18	0.6	0.5	21.1	28.59	8.5	CLAY	3	28	69	123.6
12946553	41348	60-64.7	2.13	11.45	0.5	0.5	23.4	33.22	8.17	CLAY	5	24	71	124.9
12946554	41349	74.3-79.3	2.29	8.21	0.5	0.3	18	27.78	8.34	CLAY LOAM	20	43	37	86.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/27/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12068C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946621	41350	0-5	1.66	10.80	1.4	2.0	14.5	11.12	8.13	CLAY LOAM	39	30	31	62.6
12946622	41351	5-10	1.00	10.05	1.7	1.7	6.7	5.10	8.12	SILTY CLAY LOAM	19	44	37	70.7
12946623	41352	10-15	1.85	8.94	1.1	1.5	13.9	12.09	8.28	SILTY CLAY LOAM	10	51	39	89.8
12946624	41353	15-20	3.29	11.78	4.7	5.8	28.3	12.41	8.07	SILTY CLAY	12	41	47	92.9
12946625	41354	20-25	3.92	11.71	6.2	7.9	31.8	11.98	7.17	CLAY	17	28	55	81.6
12946626	41355	25-30	3.68	11.23	4.4	4.3	32.6	15.58	7.33	CLAY	15	34	51	86.1
12946627	41356	30-35	3.00	9.79	1.5	1.2	26.7	23.04	7.86	CLAY	8	29	63	98.0
12946628	41357	35-40	2.68	8.86	0.7	0.4	22.7	30.82	8.60	SILTY CLAY	11	46	43	99.6
12946629	41358	40-45	1.96	10.46	0.4	0.3	19.7	31.93	8.82	SILTY CLAY LOAM	15	48	37	88.5
12946630	41359	45-50	2.05	10.30	0.5	0.3	20.3	31.73	8.53	CLAY	3	36	61	97.3
12946631	41360	50-55	2.48	9.25	0.7	0.5	21.7	27.54	8.33	CLAY	5	20	75	101.4
12946632	41361	55-60	4.55	10.35	2.0	1.6	43.5	32.49	7.26	CLAY	25	26	49	91.5
12946633	41362	60-61.6	2.07	10.19	0.4	0.4	20.3	31.66	7.76	CLAY	1	14	85	108.5
12946634	41363	71-76	1.74	10.77	0.6	0.4	17.8	25.49	7.98	CLAY LOAM	21	44	35	79.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polaircomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/27/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12069C

Reif#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12657291	41364	0-5	1.91	12.49	6.4	7.0	10.4	4.010	7.580	CLAY LOAM	30	33	37	60.3
12657292	41365	5-10	5.06	20.74	16.0	40.2	48.8	9.200	8.110	SILTY CLAY LOAM	18	45	37	80.5
12657293	41366	10-15	4.00	12.16	8.0	14.2	26.5	7.950	7.910	CLAY	6	35	59	85.6
12657294	41367	15-20	5.19	13.85	15.3	26.6	29.9	6.540	7.560	CLAY	12	17	71	89.9
12657295	41368	20-25	9.70	21.41	37.7	97.4	72.6	8.840	5.110	SANDY CLAY LOAM	56	23	21	66.5
12657296	41369	25-30	5.18	15.01	11.0	23.9	42.9	10.290	7.670	LOAM	34	39	27	65.1
12657297	41370	30-34.15	9.13	21.29	31.5	100.6	62.2	7.650	6.540	CLAY	14	33	53	74.2
12657298	41371	44.5-49.5	4.85	11.68	6.7	6.0	43.8	17.340	7.600	CLAY	13	34	53	76.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/30/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12070C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946601	41372	0-5	2.09	12.64	5.2	7.6	13.6	5.35	7.61	SANDY CLAY LOAM	66	13	21	40.0
12946602	41373	5-10	1.19	11.46	2.5	5.6	5.6	2.78	8.20	CLAY LOAM	24	45	31	71.2
12946603	41374	10-15	1.29	9.12	2.1	3.2	6.4	3.89	8.28	SILTY CLAY LOAM	14	51	35	67.7
12946604	41375	15-20	1.20	11.16	2.3	3.5	7.5	4.39	8.19	LOAM	34	39	27	60.6
12946605	41376	20-25	3.70	16.44	26.2	19.0	15.6	3.28	6.52	CLAY	28	31	41	71.9
12946606	41377	25-30	3.54	12.43	8.6	8.5	26.9	9.20	7.86	CLAY LOAM	22	39	39	73.4
12946607	41378	30-35	3.50	9.86	3.9	3.6	27.0	13.87	8.00	CLAY	4	31	65	89.6
12946608	41379	35-40	1.91	10.35	1.0	0.6	18.2	20.56	8.78	CLAY	8	37	55	110.4
12946609	41380	40-45	2.60	10.94	1.3	1.0	26.2	24.58	7.93	CLAY	2	23	75	106.7
12946610	41381	45-50	2.76	11.55	1.1	0.9	29.9	30.52	8.08	CLAY	14	37	49	105.2
12946611	41382	50-55	2.34	10.95	0.7	0.5	24.4	31.72	8.61	SILTY CLAY	8	49	43	126.1
12946612	41383	55-60	2.03	11.24	0.5	0.4	21.9	32.34	8.71	SILTY CLAY	10	49	41	120.5
12946613	41384	60-65	1.75	11.59	0.5	0.3	19.5	30.60	8.84	SILTY CLAY LOAM	12	51	37	132.7
12946614	41385	65-70	1.86	11.52	0.4	0.3	20.7	33.28	8.99	SILTY CLAY LOAM	18	47	35	138.3
12946615	41386	70-75.95	3.31	12.89	0.9	0.6	41.2	48.94	8.68	CLAY	8	37	55	129.3
12946616	41387	85.2-90.2	1.48	11.18	0.5	0.3	15.8	26.07	8.50	SILTY CLAY	15	42	43	107.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/30/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12071C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14421081	41388	0-5	1.57	11.75	5.0	4.8	8.7	3.93	7.50	SANDY LOAM	77	10	13	159.7
14421082	41389	5-10	2.26	12.26	7.5	10.9	9.4	3.09	7.89	CLAY	13	32	55	75.2
14421083	41390	10-15	4.83	13.95	12.5	20.6	34.3	8.44	7.65	CLAY	15	10	75	94.4
14421084	41391	15-20	5.26	18.11	18.7	26.5	50.0	10.52	7.81	SILTY CLAY LOAM	17	48	35	87.7
14421085	41392	20-25	7.65	14.03	22.2	24.8	60.3	12.42	7.94	CLAY	25	28	47	83.5
14421086	41393	25-30	4.13	9.64	2.2	3.9	33.7	19.32	8.39	CLAY LOAM	23	38	39	107.0
14421087	41394	30-35	5.50	14.02	4.9	8.9	63.3	24.08	8.35	CLAY LOAM	27	40	33	107.4
14421088	41395	35-40	4.78	11.48	3.4	9.1	42.3	16.88	8.15	SILTY CLAY LOAM	19	42	39	125.6
14421089	41396	40-43.8	11.08	16.16	24.9	57.9	96.3	14.96	5.63	CLAY	29	26	45	75.7
14421090	41397	52.5-57.5	5.27	15.20	2.6	2.7	74.8	45.78	7.14	CLAY LOAM	31	30	39	72.4



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 07/30/12
Date Received: 08/07/12
Date Reported: 01/07/13

Site: CC12072C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946561	41398	0-5	2.09	12.56	5.9	9.3	11.1	4.02	7.81	SANDY CLAY LOAM	47	21	32	51.1
12946562	41399	5-10	5.23	19.26	22.7	43.0	35.0	6.11	7.92	SANDY CLAY LOAM	47	21	32	57.2
12946563	41400	10-15	5.13	14.66	20.6	26.9	27.7	5.68	7.86	CLAY LOAM	35	37	28	67.3
12946564	41401	15-20	6.88	18.31	30.8	53.2	42.0	6.49	5.17	SANDY CLAY LOAM	45	21	34	75.1
12946565	41402	20-25	4.73	14.10	17.1	21.2	28.3	6.47	7.61	SILTY CLAY LOAM	17	43	40	73.9
12946566	41403	25-30	3.05	12.08	6.6	7.8	22.5	8.39	7.50	CLAY	19	31	50	85.7
12946567	41404	30-35	3.40	11.77	7.5	6.9	25.7	9.58	7.89	CLAY	6	29	65	92.1
12946568	41405	35-40	3.61	12.37	6.5	6.8	31.4	12.19	7.22	CLAY	22	15	63	92.1
12946569	41406	40-45	3.38	10.88	4.1	3.1	29.6	15.57	8.24	CLAY	18	33	49	89.0
12946570	41407	45-50	2.78	10.44	1.5	1.8	25.7	20.17	8.68	SANDY CLAY LOAM	52	27	21	55.9
12946571	41408	50-55	2.77	9.88	1.1	1.0	25.3	24.99	8.83	LOAM	44	31	25	74.7
12946572	41409	55-60	2.23	10.57	0.7	0.5	22.4	28.83	8.87	CLAY LOAM	26	45	29	96.5
12946573	41410	60-65	2.34	10.55	0.7	0.5	23.4	29.85	8.50	SILTY CLAY	10	43	47	109.8
12946574	41411	65-69.75	3.59	10.93	1.9	1.7	35.7	26.92	7.97	CLAY	8	25	67	110.2
12946575	41412	77.8-82.8	2.20	10.19	0.7	0.6	21.2	26.56	6.87	CLAY LOAM	34	37	29	79.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/31/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12074C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14421061	41428	0-5	1.57	12.41	3.2	6.5	9.8	4.48	7.90	CLAY	17	20	63	76.2
14421062	41429	5-10	4.82	17.60	23.5	40.2	21.1	3.74	7.70	CLAY	21	26	53	84.3
14421063	41430	10-15	4.81	15.93	21.0	32.7	22.9	4.42	7.70	SANDY CLAY LOAM	49	26	25	60.2
14421064	41431	15-20	5.47	18.68	27.0	38.4	36.9	6.45	4.20	CLAY	41	14	45	80.8
14421065	41433	20-25	3.07	14.87	9.5	10.2	26.0	8.27	7.70	SILTY CLAY	15	44	41	71.5
14421066	41435	25-30	3.25	12.99	6.6	5.8	29.8	11.96	8.10	SILTY CLAY LOAM	17	46	37	73.9
14421067	41436	30-35	2.67	11.91	2.9	2.5	26.4	16.11	8.10	SILTY CLAY	9	50	41	95.5
14421068	41437	35-40	3.10	11.33	2.7	2.2	30.3	19.35	8.20	LOAM	37	40	23	87.6
14421069	41438	40-45	2.52	11.92	0.9	0.7	28.4	31.33	8.50	SILTY CLAY	7	50	43	115.2
14421070	41439	45-50	2.24	10.82	0.4	0.3	23.5	37.83	8.70	CLAY LOAM	21	44	35	115.0
14421071	41440	50-55	6.56	16.84	5.3	4.9	100.2	44.40	7.00	CLAY LOAM	43	20	37	89.1
14421072	41441	55-60	2.27	10.78	0.5	0.4	23.6	35.23	8.40	SILTY CLAY	13	46	41	123.0
14421073	41442	60-65	3.18	11.66	1.1	0.8	35.2	35.92	7.90	CLAY	27	32	41	82.8
14421074	41443	65-70	2.60	10.98	0.7	0.5	27.3	35.41	8.90	CLAY LOAM	27	42	31	107.4
14421075	41444	70-75	2.52	10.54	0.5	0.5	25.6	36.46	8.82	SILTY CLAY	7	47	46	122.8
14421076	41445	75-80	2.26	11.23	0.4	0.3	24.7	40.95	8.59	CLAY	5	33	62	129.5
14421077	41446	80-85.5	1.81	11.46	0.8	0.3	19.6	26.53	7.78	CLAY	23	11	66	110.5
14421078	41447	94.8-99.8	2.23	11.67	0.5	0.4	25.1	37.16	8.24	CLAY	23	35	42	112.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcmm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/30/12
 Date Received: 08/07/12
 Date Reported: 01/02/13

Site: CC12075C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14421091	41448	0-5	2.36	12.00	4.4	5.3	18.6	8.44	7.84	CLAY LOAM	39	21	40	52.5
14421092	41449	5-10	7.16	18.33	27.6	46.5	57.1	9.38	7.96	CLAY	10	31	59	82.9
14421093	41450	10-15	5.00	13.57	11.1	18.7	38.1	9.88	7.68	CLAY	22	13	65	96.9
14421094	41451	15-20	4.78	14.19	12.0	18.9	36.9	9.38	7.79	SILTY CLAY	12	41	47	77.2
14421095	41452	20-25	5.06	12.84	11.4	16.0	37.5	10.13	8.16	SILTY CLAY LOAM	16	47	37	80.1
14421096	41453	25-30	5.01	13.76	12.9	14.7	41.3	11.10	8.09	CLAY	14	35	51	96.5
14421097	41454	30-35	3.05	11.02	2.4	3.5	27.7	16.17	8.31	CLAY	16	35	49	122.7
14421098	41455	35-40	8.63	15.78	24.7	31.9	79.5	14.95	6.22	CLAY	38	13	49	85.2
14421099	41456	40-41	7.08	14.68	13.9	18.6	71.4	17.72	6.22	SANDY CLAY	48	15	37	75.3
14421100	41457	50.55-55.55	2.27	10.84	0.9	0.9	22.8	24.28	8.21	LOAM	36	39	25	71.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/31/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12076C

Ref#	Lab#	Depth	EC	Cav/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14421001	41459	0-5	2.04	10.95	7.3	4.1	10.9	4.59	7.88	LOAMY SAND	79	12	9	29.5
14421002	41466	5-10	1.87	11.64	3.1	9.5	9.2	3.67	8.11	SANDY LOAM	67	18	15	35.8
14421003	41468	10-15	2.73	8.41	2.2	4.2	16.5	9.17	8.04	CLAY LOAM	37	26	37	62.9
14421004	41470	15-20	2.03	11.15	2.6	3.9	16.1	8.87	7.93	CLAY LOAM	35	28	37	71.3
14421005	41471	20-25	2.45	10.70	5.3	4.8	16.1	7.17	7.61	CLAY	17	32	51	75.1
14421006	41473	25-30	2.23	10.38	3.9	2.6	16.6	9.14	7.68	CLAY	23	36	41	80.2
14421007	41475	30-35	2.15	10.19	1.8	1.1	19.1	16.00	8.49	LOAM	37	36	27	76.4
14421008	41476	35-40	2.07	10.57	0.9	0.6	20.3	23.06	8.76	LOAM	36	37	27	76.0
14421009	41477	40-45	2.43	10.92	0.8	0.6	25.1	29.32	8.45	CLAY	18	23	59	96.1
14421010	41478	45-50	2.44	9.12	0.9	0.6	20.7	23.77	8.61	CLAY	24	31	45	93.3
14421011	41480	50-52	1.19	11.79	0.5	0.3	13.2	20.35	8.14	CLAY	14	9	77	118.7
14421012	41481	61.9-66.9	1.95	10.60	1.1	1.1	18.4	17.40	7.31	CLAY	14	11	75	104.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvisc.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/31/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12077C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14421021	41490	0-5	1.22	11.59	2.5	5.1	6.5	3.30	8.13	CLAY	9	33	58	72.9
14421022	41491	5-10	4.43	14.31	16.1	28.2	19.1	4.06	7.96	CLAY LOAM	21	51	28	64.0
14421023	41493	10-15	6.48	17.99	28.6	49.2	38.8	6.21	6.46	CLAY	21	19	60	88.1
14421024	41495	15-20	6.41	18.35	30.6	44.1	42.9	7.02	7.07	CLAY LOAM	21	41	38	66.3
14421025	41496	20-25	3.92	12.84	8.4	12.1	29.8	9.29	8.03	CLAY	13	35	52	84.1
14421026	41497	25-30	2.70	11.10	3.5	3.1	23.4	12.92	8.26	SILTY CLAY LOAM	17	45	38	88.8
14421027	41499	30-35	3.13	11.00	4.1	3.3	27.1	14.12	8.16	SILTY CLAY	7	45	48	102.1
14421028	41500	35-40	3.23	11.66	3.4	2.9	31.3	17.66	7.70	CLAY	5	18	77	72.2
14421029	41502	40-45	3.95	12.03	3.3	3.1	41.1	22.94	6.80	CLAY LOAM	31	32	37	62.6
14421030	41503	45-50	3.11	9.38	2.0	1.6	25.5	19.01	8.00	SILTY CLAY LOAM	9	52	39	81.4
14421031	41505	50-52.4	5.09	12.55	9.0	8.4	46.5	15.78	6.40	CLAY	25	30	45	70.7
14421032	41507	61.8-66.8	2.18	10.19	1.5	1.3	19.4	16.33	8.10	SILTY CLAY	11	44	45	66.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/01/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12078C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420981	41413	0-5	3.13	11.29	4.7	9.3	21.3	8.02	7.93	CLAY	31	27	42	64.3
14420982	41414	5-10	9.72	20.53	30.2	93.2	76.2	9.70	8.13	CLAY LOAM	25	39	36	68.3
14420983	41415	10-15	7.94	19.76	30.2	78.2	48.5	6.59	7.86	SANDY LOAM	61	21	18	34.1
14420984	41416	15-20	4.74	15.86	24.9	32.0	18.3	3.42	7.80	CLAY	25	21	54	67.4
14420985	41417	20-25	3.77	13.02	13.8	19.7	15.5	3.79	7.84	SILTY CLAY	15	41	44	71.9
14420986	41418	25-30	3.37	16.27	24.6	18.5	11.7	2.51	6.17	CLAY	27	21	52	87.4
14420987	41419	30-35	3.91	14.53	26.5	19.1	11.2	2.34	6.88	CLAY	15	29	56	79.1
14420988	41420	35-40	1.96	12.76	10.7	6.9	7.4	2.49	7.68	CLAY LOAM	29	35	36	65.3
14420989	41421	40-45	2.08	11.61	9.9	6.6	7.6	2.65	7.59	CLAY	9	39	52	77.2
14420990	41422	45-50	2.49	12.48	11.2	8.5	11.4	3.63	7.13	CLAY LOAM	25	37	38	65.8
14420991	41423	50-55	2.32	10.15	7.8	4.5	11.2	4.51	8.14	CLAY	7	23	70	83.9
14420992	41424	55-60	3.50	11.21	12.5	10.9	15.8	4.63	6.97	CLAY	19	18	63	78.4
14420993	41425	60-65	3.11	12.47	12.4	10.0	16.4	4.90	7.19	CLAY	9	40	51	78.2
14420994	41426	65-68.7	2.86	12.76	10.8	8.5	17.2	5.52	7.54	SILTY CLAY	9	48	43	74.7
14420995	41427	78-83	1.46	10.53	1.2	1.0	13.2	12.49	7.44	SILTY CLAY LOAM	19	46	35	65.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 07/31/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12079C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420971	41508	0-5	4.82	12.58	6.0	10.3	44.3	15.48	8.15	CLAY	9	34	57	86.0
14420972	41510	5-10	4.94	22.96	17.2	21.8	74.4	16.84	7.93	CLAY LOAM	33	36	31	76.9
14420973	41511	10-15	2.50	10.22	0.9	1.2	23.5	23.13	8.77	CLAY LOAM	25	46	29	125.9
14420974	41513	15-20	1.87	10.75	0.8	0.9	18.4	20.09	8.68	SILTY CLAY	5	52	43	121.9
14420975	41514	20-25	1.96	11.07	0.5	0.5	20.7	29.85	8.62	SILTY CLAY	11	48	41	113.4
14420976	41516	25-30	2.04	10.29	0.4	0.3	20.3	34.46	9.00	SILTY CLAY LOAM	19	50	31	105.9
14420977	41517	30-35	2.22	10.54	0.5	0.5	22.4	31.23	8.60	CLAY	7	40	53	111.1
14420978	41519	35-40	2.50	10.08	0.6	0.5	24.2	33.37	8.50	CLAY	5	32	63	96.9
14420979	41520	40-42.85	2.09	11.56	0.6	0.5	23.1	31.74	7.70	CLAY	15	18	67	106.9
14420980	41521	54-59	5.37	13.75	4.3	3.2	66.3	34.15	8.30	CLAY	13	40	47	93.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/02/12
 Date Received: 08/07/12
 Date Reported: 01/07/13

Site: CC12080C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946581	41524	0-5	1.73	11.34	4.1	2.3	13.2	7.42	7.93	SAND	90	5	5	37.9
12946582	41526	5-10	1.98	11.36	4.2	4.6	13.7	6.54	7.93	SANDY CLAY LOAM	48	17	35	40.1
12946583	41527	10-15	1.26	11.08	1.5	1.9	10.5	8.00	7.94	CLAY	18	29	53	77.3
12946584	41528	15-20	2.00	10.85	3.3	3.6	14.8	7.98	7.71	CLAY	26	13	61	84.6
12946585	41529	20-25	4.09	12.65	14.7	12.1	25.0	6.82	7.65	CLAY	12	35	53	85.7
12946586	41531	25-30	2.44	9.17	2.0	2.6	17.7	11.65	8.15	SILTY CLAY	10	45	45	101.8
12946587	41533	30-35	4.36	12.67	7.1	9.4	38.8	13.52	7.30	CLAY	14	27	59	84.8
12946588	41534	35-40	2.88	10.69	1.7	1.5	27.6	21.72	8.53	SILTY CLAY	9	50	41	100.2
12946589	41536	40-45	2.35	11.44	1.1	0.9	24.9	24.83	8.71	CLAY LOAM	25	44	31	105.2
12946590	41537	45-46.45	1.52	10.51	0.7	0.4	14.9	20.43	9.10	SILTY CLAY LOAM	13	52	35	88.5
12946591	41539	47.6-48	1.83	10.96	0.9	0.7	18.5	20.71	9.03	SILT LOAM	25	52	23	68.6
12946592	41540	52.7-53.9	2.34	9.94	1.3	0.9	21.0	19.99	9.10	LOAM	39	44	17	55.9
12946593	41542	55-60	2.15	11.33	1.4	1.0	21.9	19.98	8.74	SILT LOAM	13	60	27	73.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/01/12
 Date Received: 08/07/12
 Date Reported: 01/11/13

Site: CC12081C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14421041	41544	0-5	0.22	12.55	1.4	0.9	0.5	0.45	6.80	SANDY LOAM	69	20	11	28.7
14421042	41546	5-10	0.69	10.91	1.6	2.6	3.4	2.32	8.00	CLAY LOAM	35	32	33	49.6
14421043	41547	10-15	1.14	10.93	2.5	4.4	5.6	2.99	8.10	SILTY CLAY LOAM	17	50	33	72.4
14421044	41549	15-20	1.40	8.86	2.0	3.3	7.1	4.37	8.50	CLAY	7	18	75	98.0
14421045	41550	20-25	1.36	11.00	2.0	2.8	10.1	6.54	8.40	SILTY CLAY	5	46	49	76.6
14421046	41551	25-30	3.62	13.18	9.4	11.1	27.2	8.50	7.80	CLAY	21	30	49	72.1
14421047	41553	30-35	2.54	11.40	3.9	3.3	21.7	11.36	8.10	CLAY	5	36	59	91.7
14421048	41554	35-40	2.51	8.67	1.4	1.0	19.3	17.23	7.90	SANDY CLAY LOAM	53	26	21	58.6
14421049	41556	40-45	2.50	10.04	1.7	1.3	22.2	18.33	8.60	LOAM	49	32	19	54.3
14421050	41557	45-50	2.39	9.55	1.0	0.8	21.1	22.44	8.60	SILTY CLAY LOAM	19	46	35	83.6
14421051	41558	50-55	2.39	10.39	0.9	0.7	23.2	25.73	8.50	SILTY CLAY	9	46	45	93.2
14421052	41560	55-60	3.85	10.36	1.9	1.8	36.1	26.31	7.46	CLAY	19	36	45	75.2
14421053	41561	60-65	4.30	10.77	2.3	2.4	41.6	27.26	6.90	CLAY LOAM	29	38	33	74.9
14421054	41563	65-70	3.41	11.26	1.8	2.0	34.6	25.02	7.43	CLAY	22	35	43	79.3
14421055	41564	70-71.25	2.14	11.73	0.9	0.9	23.3	24.50	7.04	CLAY LOAM	26	41	33	68.4
14421056	41565	81.1-86.1	2.15	11.14	0.9	0.8	22.2	23.84	7.99	CLAY LOAM	20	51	29	72.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/02/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12082C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420961	41567	0-5	1.62	11.49	4.5	5.4	8.8	3.95	7.99	SANDY LOAM	57	34	9	51.5
14420962	41573	5-10	2.10	11.32	2.3	5.6	15.9	8.00	8.21	LOAM	33	42	25	56.6
14420963	41575	10-15	5.99	19.12	28.5	46.3	39.7	6.50	7.89	LOAM	43	32	25	56.8
14420964	41577	15-20	4.07	14.12	15.1	20.3	22.1	5.25	7.85	SILTY CLAY	13	46	41	76.4
14420965	41579	20-25	3.92	12.86	11.8	17.6	21.1	5.50	7.83	SILTY CLAY LOAM	18	43	39	84.8
14420966	41580	25-30	3.62	13.18	11.8	17.5	18.4	4.81	7.99	CLAY LOAM	25	38	37	83.8
14420967	41582	30-34.6	4.51	10.39	10.9	16.4	19.6	5.31	7.87	SILTY CLAY LOAM	19	46	35	78.8
14420968	41583	42-47	2.52	12.32	9.7	8.0	13.4	4.51	7.46	CLAY	13	38	49	76.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvisc.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/02/12
 Date Received: 08/07/12
 Date Reported: 01/21/13

Site: CC12084C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378431	49336	0-5	2.68	9.79	3.2	5.7	17.3	8.20	8.40	CLAY LOAM	40	25	35	55.2
14378432	49337	5-10	6.15	15.86	25.4	27.6	44.5	8.65	8.22	CLAY LOAM	38	23	39	60.7
14378433	49338	10-15	6.72	18.58	28.6	31.7	64.5	11.75	7.84	CLAY	20	39	41	85.6
14378434	49339	15-20	8.14	14.72	22.6	33.6	63.5	11.98	8.09	CLAY LOAM	36	33	31	76.7
14378435	49340	20-25	8.39	14.94	19.0	26.9	79.5	16.58	8.33	LOAM	36	39	25	61.2
14378436	49341	25-30	5.11	18.40	16.4	17.2	60.4	14.73	8.25	CLAY	22	37	41	129.5
14378437	49342	30-35	7.07	12.74	12.7	12.0	65.4	18.58	8.21	CLAY LOAM	44	25	31	122.0
14378438	49343	35-40	2.67	10.25	0.8	0.9	25.7	27.86	8.97	CLAY	6	31	63	225.5
14378439	49344	40-45	3.30	11.23	1.3	1.1	34.6	31.56	8.61	CLAY	10	19	71	172.3
14378440	49345	45-50	4.33	11.32	1.9	1.6	45.5	34.22	7.83	CLAY	16	33	51	98.9
14378441	49346	50-55	2.70	10.28	0.7	0.5	26.6	34.44	8.42	CLAY	6	17	77	129.5
14378442	49347	55-60	3.09	8.97	0.6	0.5	26.6	35.36	8.44	CLAY	8	19	73	150.9
14378443	49348	60-65	3.92	11.66	1.1	0.9	43.7	43.97	8.04	CLAY LOAM	26	37	37	94.9
14378444	49349	65-70	2.50	10.99	0.4	0.3	26.7	42.47	8.94	CLAY LOAM	30	41	29	119.2
14378445	49350	70-75	2.33	11.07	0.4	0.3	25.0	40.90	9.11	LOAM	42	33	25	105.7
14378446	49351	75-80	2.96	8.87	0.4	0.3	25.6	44.24	9.16	LOAM	34	45	21	96.1
14378447	49352	80-85	2.14	11.02	0.4	0.3	22.9	39.58	9.17	SANDY CLAY LOAM	50	27	23	105.4
14378448	49353	85-90	2.00	11.19	0.6	0.5	21.3	29.09	9.14	SANDY CLAY LOAM	58	19	23	100.5
14378449	49354	90-95	2.23	10.52	0.8	0.7	21.9	25.21	8.98	CLAY LOAM	38	33	29	101.6
14378450	49355	95-100	5.47	13.42	4.3	3.0	66.1	34.55	8.42	SANDY CLAY LOAM	60	19	21	47.2
14378451	49356	100-105	2.59	11.02	0.7	0.5	27.3	35.32	8.79	CLAY	8	21	71	138.1
14378452	49357	105-110	2.59	11.02	0.5	0.3	27.7	43.29	8.83	SILTY CLAY	10	41	49	125.8
14378453	49358	110-115	2.45	11.29	0.5	0.3	26.9	42.16	8.71	CLAY	18	35	47	121.3
14378454	49359	115-120	2.21	9.40	0.6	0.6	19.6	25.55	8.91	CLAY	12	39	49	161.5
14378455	49360	120-125	1.77	10.93	0.5	0.3	18.6	29.85	9.05	CLAY LOAM	26	41	33	126.5

Agricultural Testing

Voigt-087

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14378456	49361	125-130	1.99	10.14	0.3	0.3	19.5	34.98	8.97	CLAY	14	31	55	133.0
14378457	49362	130-135	2.19	11.48	0.5	0.3	24.4	40.02	8.80	CLAY	18	39	43	114.1
14378458	49363	135-140	2.19	11.05	0.6	0.5	23.0	30.23	8.70	SILTY CLAY	10	43	47	123.9
14378459	49364	140-145	2.38	11.44	0.5	0.4	26.3	39.03	8.92	SILTY CLAY LOAM	18	45	37	119.0
14378460	49365	145-148.9	2.75	10.20	0.6	0.4	27.1	40.10	8.83	SILTY CLAY	8	41	51	109.0
14378461	49366	159-164	1.45	11.63	0.9	0.4	15.6	19.17	9.11	LOAM	34	39	27	62.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/02/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12085C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14420951	41585	0-5	7.09	18.8	24.6	25.8	82.9	16.51	8.02	CLAY LOAM	26	41	33	81.3
14420952	41587	5-10	7	15.65	8.4	11.3	89.8	28.56	8.37	LOAM	40	33	27	88.6
14420953	41588	10-15	4.5	12.09	2.5	3.5	48.4	27.94	8	CLAY LOAM	20	45	35	110.1
14420954	41589	15-20	6.43	21.84	4.7	6.4	129.4	54.97	8.38	CLAY	12	33	55	131.4
14420955	41590	20-25	4.04	11.48	1.3	1.6	43.4	35.68	8.17	CLAY	6	15	79	129.7
14420956	41591	25-30	3.78	10.3	1	0.9	37.1	38.28	8.32	SILTY CLAY	8	47	45	117.4
14420957	41592	30-35	2.18	10.92	0.6	0.5	22.7	30.55	8.67	SILTY CLAY LOAM	14	47	39	119.8
14420958	41593	35-40	2.46	8.3	0.6	0.4	19.4	27.82	8.64	SILTY CLAY	7	46	47	115.8
14420959	41594	40-45.3	2.36	10.22	0.5	0.4	23.2	34.45	8.5	SILTY CLAY	7	48	45	116.9
14420960	41595	54.75-59.75	1.64	10.88	0.6	0.4	16.9	24.13	7.88	SILTY CLAY LOAM	17	44	39	85.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/13/12
 Date Received: 08/07/12
 Date Reported: 01/21/13

Site: CC12086C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378111	49367	0-5	1.00	10.65	2.2	2.9	5.5	3.44	7.80	CLAY LOAM	44	23	33	48.3
14378112	49368	5-10	5.10	18.07	23.8	35.1	33.3	6.13	7.90	CLAY LOAM	41	24	35	62.2
14378113	49369	10-15	5.43	14.39	16.7	24.2	37.3	8.26	7.90	CLAY LOAM	37	24	39	68.0
14378114	49370	15-20	3.44	12.11	7.1	9.0	25.5	8.99	7.90	CLAY	17	17	67	99.3
14378115	49371	20-25	4.36	12.59	8.1	13.2	33.6	10.29	7.30	CLAY	24	31	45	75.2
14378116	49372	25-30	7.40	15.34	23.5	33.8	56.3	10.51	6.80	CLAY	16	35	49	80.0
14378117	49373	30-35	3.88	10.87	2.3	5.0	34.9	18.26	8.20	CLAY	18	39	43	108.8
14378118	49374	35-40	4.05	10.67	1.8	3.5	37.9	23.33	8.57	SILTY CLAY LOAM	14	47	39	101.0
14378119	49375	40-45	2.91	11.27	1.2	1.8	29.8	24.17	8.40	CLAY LOAM	23	44	33	102.0
14378120	49376	45-50	3.26	10.51	1.7	2.2	30.4	21.77	8.40	LOAM	35	38	27	81.4
14378121	49377	50-55	1.57	10.25	0.4	0.4	15.2	22.98	8.70	CLAY LOAM	27	44	29	112.0
14378122	49378	55-60	1.78	10.50	0.6	0.4	17.7	24.48	9.00	CLAY	12	37	51	129.5
14378123	49379	60-65	2.11	9.37	0.4	0.4	19.0	31.64	8.86	CLAY LOAM	21	42	37	101.3
14378124	49380	65-70	2.12	10.51	0.5	0.4	21.4	32.49	8.40	SILTY CLAY LOAM	19	44	37	119.8
14378125	49381	70-75	1.74	8.93	0.3	0.2	15.1	33.16	8.80	CLAY	27	32	41	110.9
14378126	49382	75-80	0.96	10.61	0.2	0.2	9.7	19.84	9.40	CLAY LOAM	25	40	35	143.8
14378127	49383	80-85	1.18	10.16	0.3	0.2	11.5	24.17	9.11	CLAY LOAM	20	49	31	128.4
14378128	49384	85-90	1.20	10.54	0.3	0.2	12.2	24.80	8.80	SILTY CLAY LOAM	19	46	35	135.1
14378129	49385	90-95	1.27	10.73	0.3	0.2	13.1	26.79	8.80	SILTY CLAY LOAM	17	48	35	133.1
14378130	49386	95-100	1.30	9.19	0.1	0.1	11.7	33.18	9.31	CLAY LOAM	26	41	33	146.3
14378131	49387	100-105	1.38	10.99	0.3	0.3	14.6	26.73	9.05	SILTY CLAY LOAM	17	46	37	123.2
14378132	49388	105-110	1.48	9.21	0.3	0.2	13.1	25.98	8.70	SILTY CLAY	7	50	43	122.9
14378133	49389	110-115	1.43	11.07	0.4	0.3	15.2	26.09	8.72	CLAY	5	20	75	128.8
14378134	49390	115-119.15	1.87	11.08	0.5	0.4	19.9	30.06	7.89	CLAY	35	12	53	106.8
14378135	49391	129.3-134.3	3.68	11.84	1.0	0.8	41.7	43.11	8.50	CLAY	31	28	41	117.4

Agricultural Testing

Voigt-090



604 Highway 15, West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/02/12
 Date Received: 08/07/12
 Date Reported: 01/09/13

Site: CC12087C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
12946511	41596	0-5	1.62	12.08	5	4.2	10.4	4.86	7.9	SANDY CLAY LOAM	45	24	31	47.9
12946512	41597	5-10	4.97	14.83	24.9	20.9	27.9	5.84	7.8	CLAY	35	24	41	57.2
12946513	41598	10-15	4.23	13.57	21.6	15	20.8	4.86	7.7	CLAY LOAM	39	26	35	53.0
12946514	41599	15-20	3.43	12.66	17.1	12.3	14	3.66	7.41	CLAY LOAM	27	39	34	58.5
12946515	41600	20-25	3.97	14.86	24.6	20.6	13.8	2.89	7.43	CLAY LOAM	31	37	32	55.3
12946516	41601	25-30	4.31	13.68	24	23.6	11.3	2.32	7.68	CLAY LOAM	23	47	30	67.1
12946517	41602	30-35	3.32	14.72	17.7	20.7	10.5	2.39	7.76	SILTY CLAY LOAM	19	47	34	73.3
12946518	41603	35-40	2.77	12.99	10.1	16.4	9.4	2.59	7.55	CLAY	15	26	59	86.6
12946519	41604	40-45	2.86	13.33	10.6	17.6	10	2.65	7.7	CLAY	19	30	51	82.5
12946520	41605	45-47.15	5.43	23.01	35.5	78.1	11.4	1.51	6.03	CLAY	17	24	59	75.1
12946521	41606	56.8-61.8	3.59	12.88	10.3	10	25.9	8.14	7.32	CLAY	19	36	45	82.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/13/12
 Date Received: 08/07/12
 Date Reported: 01/24/13

Site: CC12088C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378421	49392	0-5	11.65	13.47	18.4	29.9	108.6	22.07	8.20		40	23	37	98.78
14378422	49393	5-10	4.45	10.58	0.9	1.5	44.7	41.01	8.96	CLAY LOAM	2	33	65	149.6
14378423	49394	10-15	3.96	9.14	0.8	0.7	34.7	39.80	8.70	CLAY	16	29	55	146.2
14378424	49395	15-20	2.50	10.65	0.6	0.5	25.5	33.73	8.86	SILTY CLAY LOAM	12	49	39	124.2
14378425	49396	20-25	1.74	10.87	0.4	0.4	18.1	28.99	8.99	SILTY CLAY	6	51	43	125.0
14378426	49397	25-30	1.59	10.15	0.4	0.4	15.4	24.52	9.09	SILTY CLAY	9	47	44	127.4
14378427	49398	30-35	1.54	11.46	0.2	0.2	17.2	36.91	8.73	CLAY	14	21	65	131.6
14378428	49399	35-39.1	2.13	11.74	0.5	0.3	24.2	37.30	7.75	CLAY	24	11	65	119.4
14378429	49400	50-55	1.27	10.26	0.3	0.1	12.6	28.73	9.00	CLAY	15	36	49	115.8



604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polatcomm.com
Homepage: www.agvise.com

Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 08/03/12
Date Received: 08/07/12
Date Reported: 01/21/13

Site: CC12089C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378501	49401	0-5	1.65	11.84	4.6	5.9	9.0	3.91	8.24	SANDY LOAM	60	21	19	36.6
14378502	49402	5-10	3.35	11.95	3.5	7.5	29.1	12.43	8.49	SANDY CLAY LOAM	54	17	29	51.9
14378503	49403	10-15	4.40	11.65	5.6	10.1	35.5	12.67	6.26	CLAY	18	31	51	75.4
14378504	49404	15-20	7.10	15.05	21.2	27.1	58.6	11.93	7.17	CLAY LOAM	32	37	31	80.6
14378505	49405	20-25	6.90	14.37	16.8	20.2	62.2	14.46	8.29	CLAY LOAM	26	43	31	84.1
14378506	49406	25-30	3.57	11.48	2.1	2.5	36.4	23.93	8.53	CLAY	26	27	47	119.4
14378507	49407	30-35	3.76	11.50	2.2	1.9	39.1	27.32	8.66	SILTY CLAY LOAM	8	53	39	122.2
14378508	49408	35-40	3.54	9.48	0.9	0.7	32.0	36.50	8.83	LOAM	40	35	25	90.6
14378509	49409	40-45	3.11	8.59	0.5	0.3	25.9	40.14	9.30	SANDY CLAY LOAM	53	25	22	101.6
14378510	49410	45-50	1.96	11.18	0.5	0.3	21.1	33.68	8.96	CLAY LOAM	34	35	31	122.4
14378511	49411	50-55	2.99	11.02	0.8	0.7	31.5	36.49	8.94	CLAY	6	29	65	150.8
14378512	49412	55-60	2.59	10.07	0.7	0.5	24.9	32.19	8.85	CLAY	7	17	76	142.1
14378513	49413	60-65	2.13	10.86	0.6	0.4	22.2	32.63	8.40	CLAY	10	23	67	140.6
14378514	49414	65-70	2.73	10.80	0.6	0.5	28.4	38.76	8.30	CLAY	2	29	69	115.4
14378515	49415	70-75	2.13	11.18	0.4	0.3	23.1	37.54	8.54	CLAY	4	19	77	128.4
14378516	49416	75-80	2.00	11.21	0.5	0.3	21.6	34.23	8.45	CLAY	2	23	75	130.9
14378517	49417	80-85	2.30	11.14	0.5	0.3	24.8	39.40	8.50	CLAY	14	31	55	110.8
14378518	49418	85-90	1.64	10.53	0.4	0.3	16.5	26.91	9.00	CLAY	10	35	55	169.3
14378519	49419	90-95	1.78	9.26	0.3	0.3	16.0	30.90	8.90	CLAY	34	13	53	193.0
14378520	49420	95-100	1.88	10.56	0.3	0.2	19.3	36.48	8.90	SILTY CLAY	10	45	45	146.3
14378521	49421	100-104.75	2.34	9.09	0.5	0.4	20.4	30.15	8.40	CLAY	4	27	69	133.8
14378522	49422	106.8-110	3.57	10.27	1.0	0.7	35.0	38.64	7.97	CLAY	26	31	43	102.9
14378523	49423	110-115	3.00	10.85	0.6	0.4	31.5	43.44	8.51	CLAY	10	35	55	127.9
14378524	49424	115-120	2.13	10.34	0.4	0.3	21.3	36.09	8.80	CLAY	9	38	53	115.0
14378525	49425	120-125	1.79	11.31	0.5	0.3	19.4	30.67	8.57	CLAY	22	31	47	122.7

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14378526	49426	125-130	1.85	10.51	0.3	0.2	19.0	38.60	8.77	CLAY LOAM	34	35	31	112.6
14378527	49427	130-135	3.17	11.61	0.6	0.4	35.8	50.70	8.70	CLAY	18	13	69	120.6
14378528	49428	135-140	1.98	10.91	0.5	0.3	20.8	33.44	8.89	CLAY	12	33	55	107.4
14378529	49429	140-145	3.91	12.10	1.0	0.9	45.3	45.98	7.67	CLAY LOAM	26	41	33	78.3
14378530	49430	145-148.1	2.84	9.46	0.6	0.5	25.8	35.71	7.85	CLAY LOAM	24	39	37	85.4
14378531	49431	157.8-162.8	2.00	10.86	0.4	0.3	21.1	37.28	8.31	CLAY LOAM	22	39	39	106.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/13/12
 Date Received: 08/07/12
 Date Reported: 01/21/13

Site: CC12090C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378381	49487	0-5	2.71	10.97	1.9	4.3	23.6	13.40	8.30	CLAY	29	24	47	90.6
14378382	49488	5-10	7.89	16.28	21.4	28.0	79.0	15.90	6.50	CLAY	17	22	61	77.6
14378383	49489	10-15	5.28	9.49	3.5	5.4	41.3	19.65	8.00	CLAY	14	31	55	101.7
14378384	49490	15-20	3.64	11.02	2.0	3.2	34.9	21.53	8.10	CLAY	14	33	53	127.5
14378385	49491	20-25	2.78	10.08	1.0	1.6	25.5	22.55	8.61	CLAY LOAM	35	33	32	127.0
14378386	49492	25-30	2.27	10.34	0.4	0.7	22.3	29.54	8.70	SANDY CLAY LOAM	58	17	25	92.3
14378387	49493	30-35	2.38	8.44	0.3	0.4	19.3	31.36	9.10	LOAM	41	37	22	99.1
14378388	49494	35-40	2.36	9.81	0.3	0.3	22.6	41.97	9.47	SANDY CLAY LOAM	57	21	22	95.8
14378389	49495	40-45	2.01	8.93	0.3	0.1	17.5	38.51	9.30	SANDY CLAY LOAM	65	14	21	85.2
14378390	49496	45-50	1.73	10.15	0.3	0.2	17.1	36.96	9.00	CLAY LOAM	25	38	37	114.8
14378391	49497	50-55	1.59	10.22	0.2	0.1	15.9	38.49	9.10	SILTY CLAY	15	42	43	125.7
14378392	49498	55-60	1.73	10.39	0.2	0.2	17.5	36.65	8.60	CLAY	15	14	71	126.5
14378393	49499	60-61.9	1.54	10.92	0.4	0.3	16.1	26.21	7.50	CLAY	24	11	65	118.5
14378394	49500	73-78	4.37	9.38	2.5	2.8	35.6	21.77	6.70	CLAY	26	19	55	85.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/13/12
 Date Received: 08/07/12
 Date Reported: 01/24/13

Site: CC12091C

Ref#	Lab#	Depth	EC	Ca/VEG	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378351	49501	0-5	2.58	12.14	1.6	5.7	24.0	12.55	8.4	CLAY LOAM	44	23	33	64.6
14378352	49502	5-10	8.20	17.29	24.7	47.1	70.1	11.70	8.1	CLAY LOAM	35	26	39	84.4
14378353	49503	10-15	5.15	13.89	9.6	15.6	46.4	13.09	8.1	CLAY	30	29	41	79.8
14378354	49504	15-20	2.70	11.93	3.2	3.4	25.6	14.01	8.2	CLAY	28	29	43	88.6
14378355	49505	20-25	3.53	12.04	6.4	6.1	30.0	12.01	8.1	CLAY	20	29	51	86.1
14378356	49506	25-30	2.37	10.47	2.8	2.8	19.2	11.51	8.2	CLAY	8	31	61	113.9
14378357	49507	30-35	2.46	10.05	1.9	1.6	21.3	16.21	8.5	CLAY	8	35	57	114.2
14378358	49508	35-40	2.35	10.26	1.3	1.0	21.8	20.40	8.4	CLAY	6	35	59	105.0
14378359	49509	40-45	2.32	9.94	0.7	0.6	21.8	27.35	8.3	CLAY	4	11	85	129.2
14378360	49510	45-50	2.81	11.00	1.2	1.0	28.8	27.89	7.6	CLAY	8	33	59	83.4
14378361	49511	50-55	2.55	10.08	0.6	0.4	24.8	36.47	8.4	CLAY	2	17	81	105.8
14378362	49512	55-60	2.34	10.38	0.4	0.3	23.6	39.91	8.5	CLAY	0	19	81	113.5
14378363	49513	60-65	2.27	10.07	0.4	0.2	22.3	41.42	8.8	SILTY CLAY	8	41	51	133.0
14378364	49514	65-70	2.82	10.48	0.6	0.4	28.5	40.43	8.7	LOAM	42	33	25	68.8
14378365	49515	70-75	2.70	11.27	0.5	0.4	29.6	44.54	8.4	CLAY	4	33	63	110.5
14378366	49516	75-80	2.04	10.68	0.3	0.3	21.3	41.14	8.7	SILTY CLAY	14	41	45	121.1
14378367	49517	80-85	1.88	11.44	0.6	0.5	20.4	27.39	8.5	CLAY	6	35	59	111.8
14378368	49518	85-90	1.74	11.23	0.5	0.3	18.7	29.39	8.4	SILTY CLAY	10	47	43	108.8
14378369	49519	90-95	1.87	9.55	0.6	0.5	16.7	22.19	8.6	SILTY CLAY	6	47	47	115.2
14378370	49520	95-100	1.97	9.65	0.7	0.4	17.9	24.62	8.5	SILTY CLAY	10	47	43	122.5
14378371	49521	100-105	1.46	11.20	0.4	0.4	15.6	24.53	8.8	SILTY CLAY LOAM	14	49	37	130.1
14378372	49522	105-110	1.85	10.26	0.2	0.2	18.6	43.22	8.9	CLAY	11	34	55	123.6
14378373	49523	110-115	1.88	10.49	0.3	0.2	19.3	41.15	8.9	CLAY	8	37	55	141.3
14378374	49524	115-120	2.27	9.06	0.2	0.2	20.2	44.20	8.9	CLAY	10	29	61	144.7
14378375	49525	120-125	2.17	11.60	0.3	0.2	24.6	47.45	8.6	SILTY CLAY	8	47	45	128.6

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14378376	49526	125-130	1.48	11.15	0.3	0.2	16.0	31.32	8.8	SILTY CLAY	8	47	45	138.1
14378377	49527	130-135	1.78	10.55	0.4	0.4	18.1	29.92	8.6	CLAY	4	35	61	122.3
14378378	49528	135-136.2	2.34	12.25	0.9	0.6	27.2	31.56	7.6	CLAY	34	19	47	93.2
14378379	49529	147.95-152.95	1.85	10.03	0.5	0.4	17.6	25.85	7.5	CLAY	14	17	69	122.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/14/12
 Date Received: 08/07/12
 Date Reported: 01/24/13

Site: CC12092C

Ref#	Lab#	Depth	EC	Ca/VEC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378541	49432	0-5	0.89	9.95	1.4	0.9	6.5	6.06	7.90	SANDY LOAM	81	6	13	26.3
14378542	49433	5-10	0.67	10.36	0.7	0.9	5.4	6.06	8.10	SANDY CLAY LOAM	45	22	33	56.8
14378543	49434	10-15	1.09	9.87	1.0	1.3	8.5	7.97	8.20	CLAY	20	39	41	132.6
14378544	49435	15-20	4.88	13.81	17.9	17.3	32.2	7.68	7.60	CLAY	25	30	45	108.8
14378545	49436	20-25	3.59	12.12	7.1	7.5	28.9	10.71	8.00	CLAY LOAM	20	45	35	107.6
14378546	49437	25-30	2.37	8.94	0.6	0.6	19.9	24.91	9.10	SANDY CLAY LOAM	57	20	23	66.0
14378547	49438	30-35	1.44	10.69	0.2	0.1	15.0	35.44	8.90	LOAM	46	31	23	82.9
14378548	49439	35-40	1.96	9.29	0.4	0.3	17.5	30.32	8.66	CLAY	5	25	70	139.4
14378549	49440	40-45	1.74	11.00	0.4	0.2	18.5	31.64	8.70	CLAY	13	13	74	144.5
14378550	49441	45-50	1.42	10.71	0.4	0.2	14.6	26.77	8.20	CLAY	23	24	53	101.4
14378551	49442	50-55	1.56	8.40	0.2	0.1	12.7	28.68	8.70	CLAY	7	16	77	115.0
14378552	49443	55-60	1.57	10.95	0.4	0.3	16.4	26.73	8.42	CLAY	5	23	72	118.9
14378553	49444	60-65	1.46	11.46	0.4	0.2	16.1	29.52	8.44	CLAY	7	19	74	121.6
14378554	49445	65-70	1.58	9.63	0.3	0.2	14.7	28.00	8.63	CLAY	19	35	46	122.2
14378555	49446	70-75	2.38	11.78	0.5	0.4	27.2	41.86	9.17	SILTY CLAY	11	41	48	157.1
14378556	49447	75-80	1.69	11.12	0.3	0.2	18.3	35.25	8.54	CLAY	13	31	56	110.9
14378557	49448	80-85	1.30	10.56	0.2	0.2	13.3	29.20	9.08	SILTY CLAY LOAM	11	51	38	119.6
14378558	49449	85-90	1.39	10.06	0.3	0.2	13.6	29.90	9.26	LOAM	25	49	26	113.0
14378559	49450	90-95	2.23	10.53	0.4	0.3	22.7	36.13	8.38	CLAY	21	25	54	119.6
14378560	49451	95-100	1.67	10.72	0.4	0.3	17.2	30.21	8.93	CLAY LOAM	41	29	30	96.2
14378561	49452	100-105	1.71	11.55	0.2	0.2	19.3	42.05	8.50	CLAY	9	32	59	112.9
14378562	49453	105-110	1.14	11.45	0.1	0.1	12.8	37.85	9.00	SILTY CLAY LOAM	16	47	37	128.6
14378563	49454	110-115	1.33	11.48	0.2	0.1	15.0	39.49	8.86	CLAY	6	39	55	135.8
14378564	49455	115-120	1.35	11.03	0.2	0.2	14.5	31.25	8.90	CLAY LOAM	24	45	31	113.5
14378565	49456	120-125	1.42	10.52	0.2	0.2	14.5	30.56	9.12	LOAM	42	33	25	96.7

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14378566	49457	125-130	1.95	12.22	0.6	0.3	23.0	34.58	9.38	SANDY CLAY LOAM	60	19	21	100.8
14378567	49458	130-135	1.14	10.54	0.2	0.1	11.7	31.85	9.34	SANDY CLAY LOAM	56	23	21	100.4
14378568	49459	135-140	1.61	9.07	0.3	0.2	14.2	31.22	9.20	SANDY CLAY LOAM	52	21	27	97.7
14378569	49460	140-145	1.84	9.71	0.2	0.1	17.5	40.92	8.60	CLAY	16	31	53	106.4
14378570	49461	145-147.35	1.45	11.14	0.4	0.3	15.5	26.37	8.60	CLAY	20	15	65	119.2
14378571	49462	157.6-162.6	1.36	11.47	0.5	0.3	14.8	23.39	8.76	SILTY CLAY LOAM	16	45	39	104.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/14/12
 Date Received: 08/07/12
 Date Reported: 01/24/13

Site: CC12093C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378471	49463	0-5	4.83	14.03	9.3	17.6	40.9	11.15	8.44	CLAY LOAM	38	23	39	55.7
14378472	49464	5-10	6.25	13.28	12.6	19.6	50.9	12.68	8.45	CLAY	30	29	41	73.9
14378473	49465	10-15	7.57	17.29	25.7	34.9	70.3	12.77	8.13	CLAY	20	29	51	80.9
14378474	49466	15-20	6.42	16.02	19.5	21.9	61.4	13.50	8.09	CLAY	6	25	69	98.0
14378475	49467	20-25	2.07	10.91	0.8	1.3	20.5	20.08	8.76	CLAY	2	21	77	155.2
14378476	49468	25-30	2.29	10.68	0.8	1.1	22.6	23.15	8.62	CLAY	2	25	73	160.2
14378477	49469	30-35	2.80	11.63	1.0	1.2	30.4	28.97	8.45	CLAY	12	33	55	142.5
14378478	49470	35-40	1.77	10.82	0.5	0.4	18.3	28.54	9.08	CLAY	10	35	55	185.8
14378479	49471	40-45	1.91	10.98	0.5	0.3	20.1	31.34	9.09	SILTY CLAY LOAM	12	55	33	118.0
14378480	49472	45-50	1.92	11.39	0.4	0.3	21.2	35.95	8.83	CLAY	10	33	57	119.3
14378481	49473	50-55	2.40	9.63	1.0	0.5	21.6	25.09	8.77	CLAY	8	37	55	114.8
14378482	49474	55-60	2.41	11.18	0.5	0.5	26.0	36.95	8.86	SILTY CLAY	4	49	47	122.1
14378483	49475	60-65	2.39	10.95	0.7	0.5	25.0	32.13	8.50	SILTY CLAY	10	47	43	108.2
14378484	49476	65-70	2.63	10.70	0.4	0.3	27.4	44.32	8.41	SILTY CLAY	12	43	45	113.1
14378485	49477	70-75	2.22	10.98	0.3	0.3	23.8	45.46	8.64	CLAY	6	37	57	108.1
14378486	49478	75-80	2.58	10.60	0.6	0.4	26.4	38.78	8.24	CLAY	12	31	57	131.0
14378487	49479	80-85	2.27	10.74	0.3	0.3	23.8	43.76	8.73	CLAY	20	31	49	107.1
14378488	49480	85-90	2.52	10.42	0.3	0.3	25.6	46.47	8.48	CLAY	14	25	61	111.9
14378489	49481	90-95	1.86	10.71	0.2	0.2	19.5	43.93	8.97	CLAY	12	37	51	146.0
14378490	49482	95-100	2.09	10.96	0.3	0.2	22.4	46.85	9.06	CLAY LOAM	32	35	33	112.4
14378491	49483	100-105	1.86	9.23	0.1	0.1	16.9	46.98	9.33	LOAM	40	33	27	117.5
14378492	49484	105-110	1.83	10.62	0.2	0.2	19.1	46.30	9.13	CLAY LOAM	26	43	31	110.4
14378493	49485	110-114.5	2.09	11.34	0.4	0.3	23.1	41.08	8.26	CLAY	32	13	55	110.1
14378494	49486	125.3-130.3	1.62	10.65	0.4	0.2	16.6	29.59	9.10	LOAM	36	37	25	76.4



604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agwise@polarcomm.com
Homepage: www.agwise.com

Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 08/14/12
Date Received: 08/07/12
Date Reported: 01/21/13

Site: CC12094C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378141	49297	0-5	1.00	10.45	3.6	2.1	4.8	2.86	7.84	SANDY LOAM	75	14	11	26.3
14378142	49298	5-10	0.82	10.07	1.7	1.9	4.7	3.53	8.10	SANDY CLAY LOAM	61	18	21	35.5
14378143	49299	10-15	0.80	10.31	1.3	1.6	5.4	4.45	8.11	SANDY CLAY LOAM	47	24	29	48.3
14378144	49300	15-20	0.76	10.08	0.8	0.9	5.9	6.38	8.15	CLAY LOAM	37	28	35	61.7
14378145	49301	20-25	1.36	9.87	1.2	0.9	11.3	11.01	8.11	CLAY	19	26	55	85.3
14378146	49302	25-30	1.48	9.92	0.6	0.4	13.6	18.90	8.27	CLAY	37	14	49	68.8
14378147	49303	30-35	1.34	8.85	0.3	0.2	11.3	21.94	8.67	SILTY CLAY	17	42	41	89.0
14378148	49304	35-40	1.81	10.72	0.4	0.3	18.7	30.61	8.28	CLAY	29	30	41	75.9
14378149	49305	40-45	1.09	9.95	0.2	0.1	10.5	25.48	9.06	CLAY	15	38	47	121.0
14378150	49306	45-50	1.45	10.39	0.3	0.2	14.6	31.31	8.56	CLAY	17	32	51	97.1
14378151	49307	50-55	2.00	10.97	0.4	0.3	21.2	35.63	8.86	CLAY	29	22	49	106.2
14378152	49308	55-60	1.00	10.39	0.2	0.1	10.1	24.47	9.10	SILTY CLAY LOAM	19	44	37	120.9
14378153	49309	60-65	0.88	9.38	0.2	0.1	7.9	19.03	9.28	CLAY LOAM	21	44	35	140.1
14378154	49310	65-70	1.23	10.50	0.2	0.2	12.5	28.32	8.87	CLAY	17	40	43	132.9
14378155	49311	70-75	1.39	10.65	0.4	0.4	14.0	21.63	8.83	CLAY	21	38	41	133.9
14378156	49312	75-80	1.52	10.70	0.3	0.3	15.7	28.98	8.93	SILTY CLAY LOAM	19	46	35	118.7
14378157	49313	80-85	1.21	8.78	0.2	0.1	10.4	29.15	9.23	SANDY CLAY LOAM	63	16	21	115.5
14378158	49314	85-90	1.19	10.50	0.3	0.2	12.0	23.60	9.02	CLAY LOAM	39	32	29	101.1
14378159	49315	90-95	1.36	9.99	0.3	0.2	13.2	28.84	8.86	CLAY	23	36	41	118.7
14378160	49316	95-100.2	2.49	9.69	0.5	0.4	23.3	34.95	7.69	CLAY LOAM	43	18	39	91.2
14378161	49317	111-116	1.76	10.33	0.3	0.3	17.6	32.81	8.39	CLAY LOAM	27	34	39	124.5



604 Highway 15 Wcsi
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/14/12
 Date Received: 08/07/12
 Date Reported: 01/21/13

Site: CC12095C

*Corrected
 Copy
 ATTY's Rendone*

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378581	49318	0-5	7.32	14.28	15.6	16.0	73.0	18.36	8.22	SILTY CLAY	13	44	43	206.5
14378582	49319	5-10	4.04	10.58	1.4	2.0	39.3	30.23	8.53	CLAY	13	26	61	184.2
14378583	49320	10-15	3.82	8.98	0.7	0.6	33.0	40.12	8.77	SILTY CLAY	11	42	47	139.6
14378584	49321	15-20	3.28	9.36	0.7	0.6	29.5	37.22	8.90	LOAM	36	43	21	101.4
14378585	49322	20-25	3.82	11.18	0.8	0.6	41.3	49.38	8.70	SILTY CLAY	10	47	43	130.8
14378586	49323	25-30	3.06	10.10	0.8	0.5	29.6	36.26	8.60	SILTY CLAY LOAM	14	47	39	118.1
14378587	49324	30-35	3.44	11.18	1.4	1.0	36.1	33.07	7.30	CLAY LOAM	26	35	39	103.5
14378588	49325	35-40	2.79	9.64	0.7	0.5	25.7	33.33	8.00	CLAY	19	28	53	112.2
14378589	49326	40-45	2.29	10.41	0.4	0.3	23.2	39.94	8.49	CLAY	11	28	61	126.2
14378590	49327	45-50	1.99	8.16	0.2	0.2	15.8	35.50	9.00	CLAY	16	39	45	143.8
14378591	49328	50-55	1.75	11.27	0.4	0.3	19.1	33.01	8.70	CLAY LOAM	32	33	35	124.8
14378592	49329	55-60	1.86	9.33	0.3	0.2	16.9	34.78	8.90	CLAY LOAM	28	41	31	124.8
14378593	49330	60-65	4.14	3.75	0.3	0.2	15.0	30.11	9.00	LOAM	44	33	23	107.4
14378594	49331	65-70	1.87	10.15	0.3	0.2	18.5	38.43	9.00	LOAM	36	41	23	102.1
14378595	49332	70-75	1.87	10.62	0.5	0.3	19.1	31.74	8.70	CLAY LOAM	34	37	29	103.7
14378596	49333	75-80	1.64	10.69	0.3	0.2	17.0	32.40	8.86	CLAY LOAM	33	32	35	116.7
14378597	49334	80-85	2.09	11.17	0.5	0.3	22.5	35.24	7.68	CLAY	39	14	47	112.6
14378598	49335	95.45-100.45	1.58	10.26	0.4	0.3	15.5	25.73	8.83	CLAY	21	36	43	109.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/15/12
 Date Received: 08/07/12
 Date Reported: 01/21/13

Site: CC12096C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378401	49530	0-5	1.45	10.56	0.5	2.0	12.8	11.41	8.78	SILTY CLAY LOAM	17	49	34	83.8
14378402	49531	5-10	1.33	10.38	0.4	1.1	12.4	14.54	8.95	SILTY CLAY LOAM	15	49	36	97.2
14378403	49532	10-15	1.90	9.80	0.7	1.7	16.3	14.92	8.75	SILTY CLAY LOAM	17	43	40	101.2
14378404	49533	15-20	1.29	10.02	0.5	0.9	11.5	13.65	8.50	SILTY CLAY LOAM	17	44	39	99.5
14378405	49534	20-25	1.52	10.07	1.5	1.7	12.2	9.75	8.10	SILTY CLAY	10	45	45	93.0
14378406	49535	25-30	1.73	10.80	3.1	2.7	12.9	7.56	8.27	CLAY LOAM	20	45	35	65.2
14378407	49536	30-35	2.09	10.69	4.3	4.3	13.8	6.68	7.40	CLAY	20	29	51	64.2
14378408	49537	35-40	2.45	11.27	3.9	3.7	20.0	10.29	7.10	CLAY LOAM	26	41	33	69.7
14378409	49538	40-45	1.87	10.99	0.6	0.4	19.5	27.07	8.44	CLAY	31	28	41	88.0
14378410	49539	45-50	1.81	11.42	0.3	0.2	20.2	39.53	8.55	CLAY	13	40	47	129.7
14378411	49540	50-55	1.87	10.16	0.3	0.2	18.5	36.07	8.94	CLAY	3	29	68	132.0
14378412	49541	55-60	2.10	8.35	0.3	0.2	17.0	33.71	9.27	SILTY CLAY LOAM	17	49	34	124.3
14378413	49542	60-65	1.81	10.54	0.3	0.2	18.5	34.97	9.14	CLAY LOAM	23	45	32	121.8
14378414	49543	65-70	1.65	10.73	0.4	0.3	17.0	28.72	9.07	CLAY LOAM	20	43	37	104.2
14378415	49544	70-75	1.51	9.49	0.2	0.2	13.9	30.08	9.39	LOAM	38	35	27	110.9
14378416	49545	75-80	2.49	9.90	0.3	0.2	24.2	48.65	8.68	SILTY CLAY	10	41	49	118.0
14378417	49546	80-83.85	1.64	10.84	0.7	0.3	16.9	24.74	8.30	CLAY	16	25	59	127.1
14378418	49547	95-100	1.93	10.66	0.2	0.2	20.1	41.73	7.90	CLAY LOAM	25	36	39	85.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/16/12
 Date Received: 08/07/12
 Date Reported: 01/21/13

Site: CC12099C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378101	49548	0-5	2.23	11.28	5.0	4.3	15.8	7.34	6.90	SANDY CLAY LOAM	54	23	23	43.8
14378102	49549	5-10	3.83	12.04	4.9	8.5	32.8	12.68	8.00	CLAY	32	27	41	70.6
14378103	49550	10-15	1.11	10.07	0.6	0.8	9.8	11.63	8.20	SILTY CLAY LOAM	14	47	39	96.4
14378104	49551	15-20	1.22	9.73	0.6	0.7	10.6	13.39	8.40	CLAY LOAM	32	33	35	103.7
14378105	49552	20-25	1.87	9.00	0.6	0.6	15.6	20.11	8.50	SILTY CLAY LOAM	16	45	39	118.2
14378106	49553	25-30	2.18	10.19	0.9	0.7	20.7	23.63	8.40	SILTY CLAY	8	43	49	116.5
14378107	49554	30-35.3	3.50	11.08	2.0	2.1	34.7	24.16	7.10	CLAY	28	15	57	104.5
14378108	49555	47.4-52.4	1.31	10.02	0.9	0.7	11.5	12.85	7.90	CLAY	12	31	57	73.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/16/12
 Date Received: 08/20/13 & 08/27/13
 Date Reported: 02/05/13

Site: CC12100C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378171	49556	0-5	2.01	12.46	5.4	8.8	10.9	4.12	7.87	SANDY CLAY LOAM	53	21	26	46.2
14378172	49557	5-10	4.88	14.99	21.3	33.1	18.7	3.58	7.78	SANDY CLAY LOAM	55	23	22	55.2
14378173	49558	10-15	6.44	17.63	25.3	59.8	28.4	4.36	7.66	LOAM	33	41	26	65.1
14378174	49559	15-20	6.39	17.73	25.0	60.8	27.5	4.21	7.45	LOAM	47	29	24	58.5
14378175	49560	20-25	5.44	15.39	21.7	45.6	16.4	2.84	7.51	LOAM	33	41	26	66.6
14378176	49561	25-30	5.45	15.54	24.5	44.9	15.3	2.60	6.50	CLAY	20	39	41	67.8
14378177	49562	30-35	5.30	17.41	23.5	46.1	22.7	3.85	4.10	CLAY LOAM	42	27	31	79.6
14378178	49563	35-40	4.13	13.4	15.1	15.7	24.5	6.25	6.60	CLAY	22	25	53	86.8
14378179	49564	40-45	3.36	11.68	8.3	6.0	24.9	9.30	7.70	CLAY	16	29	55	93.7
14378180	49565	45-50	4.88	13.26	17.9	14.0	32.9	8.25	7.40	CLAY	24	29	47	83.9
14378181	49566	50-55	3.13	9.50	1.7	1.0	26.9	22.85	8.30	CLAY	20	27	53	102.5
14378182	49567	55-60	2.55	10.29	0.8	0.5	25.0	31.36	8.41	CLAY	11	13	76	144.9
14378183	49568	60-65	3.18	11.08	0.9	0.8	33.5	35.70	7.91	CLAY	11	25	64	95.5
14378184	49569	65-70	2.75	10.92	0.6	0.5	28.9	38.96	8.37	CLAY	3	21	76	109.2
14378185	49570	70-75	2.87	9.75	0.5	0.4	27.1	40.75	8.43	CLAY	5	17	78	127.9
14378186	49571	75-80	2.73	10.71	0.6	0.4	28.3	40.25	8.32	CLAY LOAM	23	38	39	114.1
14378187	49572	80-85	1.64	9.89	0.4	0.3	15.5	26.03	9.04	SILTY CLAY	11	44	45	172.9
14378188	49573	85-90	1.91	9.74	0.3	0.2	18.1	34.48	8.98	CLAY	19	34	47	153.8
14380791	55311	90-95	1.45	10.52	0.2	0.2	14.8	31.77	9.03	CLAY	9	25	66	225.1
14380792	55321	95-100	2.30	8.11	0.4	0.5	17.8	26.71	8.65	CLAY	7	17	76	145.8
14380793	55322	100-105	2.21	11.13	0.3	0.2	24.1	47.89	8.49	CLAY	9	11	80	173.0
14380794	55323	105-107.2	2.45	10.84	0.5	0.5	25.6	37.15	8.05	CLAY	17	29	54	137.0
14380795	55327	109-115	1.57	10.39	0.4	0.2	15.7	28.24	8.71	CLAY	15	31	54	144.6
14380796	55329	115-120	2.55	11.35	0.4	0.3	28.2	46.60	8.23	CLAY	19	23	58	126.9
14380797	55330	120-125	3.25	8.67	0.5	0.4	27.3	40.00	8.57	CLAY	22	33	45	116.0

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14380798	55331	125-130	2.33	10.22	0.4	0.3	23.1	37.94	8.82	CLAY	14	29	57	122.4
14380799	55332	130-135	2.52	10.21	0.3	0.2	25.2	48.62	8.36	CLAY	21	33	46	125.0
14380800	55333	135-140	2.97	10.82	0.7	0.6	30.9	39.46	8.23	CLAY	17	39	44	133.3
14380801	55334	140-145	1.48	11.37	0.3	0.3	16.1	27.42	8.73	SILTY CLAY	9	45	46	148.7
14380802	55335	145-151	2.48	10.50	0.3	0.3	25.5	48.45	8.59	CLAY	9	29	62	133.6
14380803	55336	162.95-167.95	1.50	10.72	0.5	0.3	15.3	24.34	8.04	SILTY CLAY	15	43	42	98.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/16/12
 Date Received: 08/26/12
 Date Reported: 01/29/13

Site: CC12101C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380841	55266	0-5	2.24	10.97	7.0	3.2	14.4	6.36	7.72	LOAMY SAND	81	11	8	30.4
14380842	55268	5-10	2.32	11.20	3.9	5.8	16.3	7.45	8.08	SANDY LOAM	73	13	14	53.0
14380843	55269	10-15	2.24	10.72	5.1	5.1	13.9	6.15	8.35	SANDY LOAM	65	17	18	51.4
14380844	55270	15-20	1.70	10.36	2.5	2.3	12.8	8.25	8.32	SANDY LOAM	69	13	18	49.5
14380845	55272	20-25	1.92	9.96	1.4	1.2	16.5	14.48	8.35	SANDY CLAY LOAM	45	15	40	82.6
14380846	55280	25-28.55	2.15	10.88	1.6	1.3	20.5	17.20	7.58	CLAY	33	15	52	96.8
14380847	55281	40.5-45.5	1.40	10.13	0.3	0.3	13.6	24.59	7.96	CLAY	13	11	76	162.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/17/12
 Date Received: 08/26/12
 Date Reported: 01/30/13

Site: CC12102C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384101	55238	0-5	4.21	9.77	6.1	6.0	29.1	11.85	8.10	CLAY	29	29	42	80.3
14384102	55240	5-10	5.54	14.86	10.3	9.8	62.3	19.67	8.22	CLAY LOAM	33	31	36	106.3
14384103	55241	10-15	2.00	9.54	0.4	0.4	18.2	28.30	8.94	SILTY CLAY	13	41	46	181.9
14384104	55242	15-20	2.55	10.48	0.9	0.7	25.1	27.77	8.48	CLAY	11	11	78	135.1
14384105	55243	20-25	4.81	9.52	1.5	1.3	43.0	36.45	7.11	CLAY	32	13	55	126.1
14384106	55245	25-30	1.77	10.97	0.2	0.2	19.0	43.27	8.90	CLAY LOAM	40	27	33	123.4
14384107	55246	30-35	2.27	11.41	0.3	0.3	25.3	46.78	8.32	CLAY	12	25	63	123.2
14384108	55248	35-40	1.77	10.80	0.2	0.1	18.8	44.47	9.04	CLAY	20	35	45	123.6
14384109	55249	40-45	1.86	11.02	0.2	0.2	20.1	46.79	9.11	CLAY LOAM	20	47	33	129.7
14384110	55252	45-50	2.73	10.42	0.4	0.3	27.8	48.28	8.22	CLAY	16	37	47	116.6
14384111	55253	50-55	1.86	11.45	0.3	0.2	20.8	42.73	8.88	CLAY LOAM	20	41	39	142.5
14384112	55256	55-60	2.12	9.95	0.2	0.2	20.6	43.35	8.79	SILTY CLAY	14	41	45	126.8
14384113	55257	60-65	2.13	11.24	0.3	0.3	23.3	42.38	8.62	CLAY	12	29	59	119.9
14384114	55261	65-68.9	2.08	12.32	0.4	0.3	24.9	41.25	7.89	CLAY	16	15	69	118.2
14384115	55262	79.1-84.1	2.17	11.68	0.3	0.3	24.7	44.24	8.41	SILTY CLAY	14	43	43	132.5



604 Highway 15 West.
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/17/12
 Date Received: 08/27/13
 Date Reported: 02/01/13

Site: CC12103C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378251	55656	0-5	2.40	9.70	4.5	4.5	14.2	6.70	7.92	CLAY	24	33	43	72.7
14378252	55657	5-10	6.15	17.65	12.4	18.3	77.9	19.88	8.21	CLAY	24	25	51	94.1
14378253	55658	10-15	2.50	9.84	0.8	1.0	22.8	23.77	8.59	CLAY LOAM	20	45	35	132.8
14378254	55659	15-20	2.86	10.07	0.6	0.6	27.6	34.75	8.48	CLAY	0	17	83	135.2
14378255	55660	20-25	4.22	10.90	1.8	1.6	42.7	33.10	7.52	CLAY	18	35	47	100.6
14378256	55661	25-30	2.68	8.76	0.5	0.4	22.6	35.32	8.71	CLAY	20	39	41	110.3
14378257	55662	30-35	2.05	10.60	0.4	0.3	21.0	35.04	8.90	CLAY	6	39	55	117.8
14378258	55663	35-40	1.59	10.14	0.2	0.2	15.6	31.71	8.82	CLAY	20	31	49	130.7
14378259	55664	40-45	1.22	9.75	0.2	0.3	11.3	21.54	8.92	CLAY LOAM	26	39	35	165.3
14378260	55665	45-50	3.95	12.34	0.9	1.0	46.9	48.15	8.78	CLAY	10	37	53	147.1
14378261	55666	50-55	1.15	10.15	0.3	0.4	11.0	18.91	8.46	CLAY LOAM	30	41	29	145.2
14378262	55667	55-60	1.30	10.02	0.2	0.3	12.5	23.59	9.11	CLAY LOAM	24	43	33	144.3
14378263	55668	60-65	1.45	10.69	0.3	0.3	14.9	27.13	9.18	LOAM	38	35	27	130.3
14378264	55669	65-70	1.46	10.55	0.5	0.3	14.7	23.95	8.78	SILTY CLAY	12	47	41	143.4
14378265	55670	70-75	1.85	8.21	0.4	0.3	14.5	24.08	8.91	SILTY CLAY	12	45	43	149.6
14378266	55671	75-80	1.92	9.74	0.3	0.3	18.1	33.39	8.66	CLAY	4	15	81	149.4
14378267	55672	80-82.3	1.95	11.66	0.5	0.4	21.9	34.06	8.00	CLAY	22	17	61	135.2
14378268	55673	94.2-99.2	3.04	9.89	0.7	0.5	28.8	36.83	7.27	CLAY	14	13	73	139.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/17/12
 Date Received: 08/26/12
 Date Reported: 01/29/13

Site: CC12104C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380811	55285	0-5	4.19	10.68	3.8	8.3	32.7	13.30	7.61	SANDY LOAM	71	9	20	45.3
14380812	55286	5-10	9.67	17.94	23.8	56.7	93.0	14.66	8.10	CLAY	13	11	76	119.9
14380813	55287	10-15	5.27	12.70	4.0	11.5	51.4	18.44	8.18	CLAY	9	31	60	125.6
14380814	55288	15-20	2.45	9.62	1.0	2.3	20.3	15.85	8.24	CLAY	11	17	72	128.4
14380815	55289	20-25	1.82	10.21	0.8	1.2	16.6	16.67	8.52	CLAY	6	11	83	137.1
14380816	55292	25-30	2.29	10.82	0.9	0.8	23.1	25.21	8.45	CLAY	16	39	45	99.5
14380817	55293	30-35	1.84	9.88	0.5	0.5	17.2	24.65	8.86	CLAY	18	37	45	145.2
14380818	55294	35-40	3.77	9.80	1.1	1.0	34.9	34.44	8.60	LOAM	38	41	21	55.4
14380819	55295	40-45	1.92	10.25	0.4	0.3	19.0	32.16	9.02	SILTY CLAY	10	45	45	152.1
14380820	55296	45-50	1.82	11.06	0.4	0.3	19.5	34.01	9.06	CLAY	14	35	51	166.7
14380821	55297	50-55	1.45	10.48	0.3	0.2	14.7	28.80	9.21	CLAY LOAM	21	39	40	212.5
14380822	55298	55-60	1.91	10.00	0.4	0.3	18.5	32.22	8.78	SILTY CLAY LOAM	19	49	32	135.0
14380823	55299	60-65	1.93	8.52	0.3	0.3	15.8	28.93	8.93	CLAY LOAM	25	39	36	135.5
14380824	55300	65-70	1.91	10.15	0.4	0.3	18.8	33.40	8.83	CLAY	27	23	50	121.4
14380825	55301	70-75	5.33	15.80	3.0	2.1	79.1	49.31	7.21	SANDY CLAY LOAM	50	15	35	92.3
14380826	55302	75-80	1.62	9.94	0.6	0.4	15.1	21.78	9.21	LOAM	44	29	27	129.1
14380827	55303	80-85	2.41	9.87	0.4	0.3	23.1	38.68	8.84	CLAY	14	35	51	117.5
14380828	55304	85-90	3.55	11.42	0.8	0.6	39.2	47.48	8.11	CLAY	16	27	57	106.5
14380829	55305	90-95	2.71	9.19	0.4	0.3	24.2	42.14	8.88	CLAY	16	25	59	111.8
14380830	55306	95-100	2.36	9.03	0.2	0.2	20.9	47.55	8.81	CLAY LOAM	21	39	40	124.1
14380831	55307	100-105	1.46	10.62	0.4	0.6	14.6	21.04	8.72	CLAY LOAM	21	43	36	149.3
14380832	55308	105-110	1.50	10.77	0.3	0.3	15.6	28.38	8.90	CLAY LOAM	23	43	34	147.6
14380833	55309	110-113.95	2.55	10.04	0.5	0.4	24.8	38.88	8.08	CLAY	19	27	54	124.1
14380834	55310	124-129	2.65	7.86	0.4	0.3	20.0	32.08	7.92	CLAY	15	15	70	150.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/17/12
 Date Received: 08/27/13
 Date Reported: 02/01/13

Site: CC12105C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380741	55344	0-5	0.91	10.95	4.3	2.2	3.5	1.97	7.61	SANDY CLAY LOAM	53	23	24	46.2
14380742	55345	5-10	0.68	11.56	1.5	3.5	2.8	1.78	8.09	SANDY LOAM	81	5	14	40.3
14380743	55346	10-15	1.18	9.94	0.8	1.5	9.3	8.58	8.27	SANDY LOAM	69	15	16	47.9
14380744	55347	15-20	4.08	14.59	28.2	18.3	13.0	2.70	7.59	SANDY CLAY LOAM	47	19	34	53.4
14380745	55348	20-25	1.87	12.59	8.2	6.7	8.7	3.18	7.32	LOAM	39	39	22	54.1
14380746	55349	25-30	2.75	11.51	7.0	6.7	17.9	6.82	7.88	CLAY	15	21	64	84.9
14380747	55350	30-35	2.19	10.39	2.4	2.3	18.1	11.80	8.43	CLAY	21	33	46	106.8
14380748	56351	35-40	2.42	10.07	1.9	1.4	21.0	16.15	8.40	CLAY	9	25	66	122.4
14380749	55352	40-45	2.96	10.55	1.9	1.5	27.8	21.42	8.33	CLAY	17	33	50	122.0
14380750	55353	45-50	2.24	10.36	0.6	0.5	22.1	29.85	8.76	SILTY CLAY LOAM	17	45	38	140.3
14380751	55354	50-55	2.33	10.97	0.5	0.4	24.6	36.26	8.82	SILTY CLAY LOAM	15	57	28	122.3
14380752	55355	55-60	2.03	10.42	0.3	0.2	20.7	43.79	8.98	CLAY	19	37	44	148.4
14380753	55356	60-60.7	3.17	9.89	0.7	0.7	30.0	36.47	7.33	CLAY LOAM	35	33	32	88.5
14380754	55357	62.15-62.8	1.50	12.07	0.5	0.3	17.4	28.28	8.91	CLAY	31	17	52	123.0
14380755	55358	66.8-70	1.56	9.35	0.3	0.2	14.0	26.26	8.81	CLAY LOAM	39	33	28	110.1
14380756	55359	70-75	2.18	10.33	0.2	0.2	22.1	50.08	8.99	CLAY LOAM	31	33	36	171.1
14380757	55360	75-80	1.64	10.84	0.3	0.3	17.1	29.99	8.86	CLAY	19	37	44	183.8
14380758	55361	80-85	3.29	10.43	0.9	0.7	32.7	36.73	7.48	CLAY LOAM	39	27	34	142.4
14380759	55362	85-90	1.56	10.52	0.3	0.3	15.8	27.77	9.17	CLAY LOAM	41	31	28	156.8
14380760	55363	90-95	1.77	10.43	0.1	0.1	18.2	51.62	9.19	CLAY LOAM	37	33	30	169.1
14380761	55364	95-100	1.68	10.93	0.1	0.1	18.1	50.32	9.14	CLAY	21	35	44	174.5
14380762	55365	100-105	1.57	9.48	0.3	0.2	14.4	29.55	8.92	SILTY CLAY	13	41	46	157.2
14380763	55366	105-110	1.64	9.94	0.4	0.4	15.5	25.27	8.88	CLAY	13	25	62	140.4
14380764	55376	110-115	2.05	10.07	0.4	0.5	19.7	28.84	8.72	CLAY	9	15	76	175.5
14380765	55378	115-120	2.80	9.86	0.4	0.3	26.9	44.85	8.30	CLAY	13	23	64	139.5

Agricultural Testing

Voigt-111

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Ca/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14380766	55379	120-125	2.14	10.58	0.4	0.3	21.9	36.67	8.50	CLAY	3	19	78	143.6
14380767	55380	125-130	2.56	10.45	0.5	0.4	25.8	38.41	7.91	CLAY	25	31	44	120.3
14380768	55381	130-136	1.68	10.31	0.3	0.4	16.7	29.91	8.86	SILTY CLAY LOAM	17	43	40	170.4
14380769	55382	135-140	2.04	9.96	0.1	0.2	20.0	51.59	9.09	SILTY CLAY LOAM	15	49	36	153.1
14380770	55383	140-145	1.73	10.38	0.1	0.1	17.7	47.82	9.09	SILTY CLAY LOAM	15	47	38	171.2
14380771	55384	145-147	2.55	10.66	0.6	0.6	26.0	33.62	7.63	CLAY	17	13	70	130.7
14380772	55385	150.5-155	1.81	9.93	0.3	0.2	17.5	34.83	8.54	CLAY	13	33	54	143.4
14380773	55386	155-160	2.18	10.07	0.4	0.3	21.2	34.85	8.49	CLAY	23	35	42	135.6
14380774	55387	160-165	1.95	10.39	0.2	0.2	19.8	42.99	8.98	CLAY LOAM	23	43	34	143.4
14380775	55389	165-170	1.71	10.55	0.3	0.2	17.5	34.53	8.80	CLAY	27	27	46	135.7
14380776	55390	170-175	1.95	11.15	0.2	0.1	21.5	55.40	8.93	CLAY LOAM	25	35	40	134.2
14380777	55399	175-180	2.10	10.79	0.2	0.2	22.3	53.10	8.91	CLAY LOAM	23	41	36	144.9
14380778	55400	180-185	1.72	8.79	0.4	0.3	14.5	26.03	8.95	CLAY LOAM	29	39	32	133.3
14380779	55401	185-190	2.21	9.73	0.2	0.1	21.2	52.75	8.91	CLAY LOAM	21	43	36	138.8
14380780	55402	190-195	1.64	10.35	0.2	0.2	16.5	34.17	8.93	SILTY CLAY LOAM	19	43	38	145.1
14380781	55403	195-200	2.00	10.40	0.4	0.3	20.1	33.29	8.90	SILTY CLAY	11	41	48	149.0
14380782	55404	200-205	2.18	10.91	0.5	0.4	22.9	34.21	7.84	CLAY	31	17	52	114.2
14380783	55405	215.35-220.35	1.39	10.81	0.4	0.2	14.4	26.05	8.12	CLAY	31	25	44	102.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/20/12
 Date Received: 08/26/12
 Date Reported: 01/29/13

Site: CC12106C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380611	55521	0-5	2.71	10.48	6.2	8.5	13.6	5.02	7.89	CLAY LOAM	41	31	28	52.3
14380612	55522	5-10	4.69	12.89	3.9	24.6	31.9	8.45	8.26	SILTY CLAY LOAM	9	53	38	71.1
14380613	55523	10-15	5.92	18.32	18.5	50.7	39.3	6.67	7.94	SILTY CLAY LOAM	7	61	32	70.3
14380614	55524	15-20	3.45	12.42	6.0	13.7	23.2	7.39	8.09	LOAM	25	49	26	75.5
14380615	55525	20-25	4.96	12.57	13.0	20.8	28.5	6.92	7.92	CLAY LOAM	23	49	28	68.0
14380616	55526	25-30	3.74	10.44	3.4	5.5	30.1	14.21	8.05	CLAY	17	39	44	95.3
14380617	55542	30-35	4.64	13.06	12.3	17.0	31.4	8.20	7.86	CLAY LOAM	23	47	30	74.3
14380618	55543	35-40	4.39	10.71	6.3	9.6	31.1	11.01	7.99	SANDY LOAM	55	25	20	66.7
14380619	55544	40-45	4.46	11.18	6.9	9.1	33.9	12.01	7.54	SANDY LOAM	65	19	16	51.6
14380620	55545	45-50	4.76	11.83	7.5	7.4	41.4	15.19	6.71	SANDY CLAY LOAM	49	19	32	65.1
14380621	55546	50-55	3.49	10.57	3.0	2.5	31.4	18.95	8.02	SILTY CLAY LOAM	15	49	36	87.8
14380622	55547	55-60	2.36	10.33	0.9	0.7	22.8	25.54	8.58	CLAY	17	37	46	107.9
14380623	55548	60-65	3.32	9.56	1.5	1.2	29.0	24.68	8.33	SILTY CLAY	17	41	42	104.3
14380624	55549	65-70	2.44	8.56	0.7	0.5	19.7	25.68	8.79	CLAY LOAM	23	45	32	121.9
14380625	55550	70-75	1.73	10.36	0.4	0.4	17.1	26.67	8.83	SILTY CLAY LOAM	11	53	36	147.5
14380626	55551	75-80	1.95	9.66	0.4	0.4	18.1	29.34	8.73	CLAY	9	39	52	129.1
14380627	55552	80-83.55	2.28	10.16	0.6	0.5	22.1	29.95	7.75	SILTY CLAY	11	45	44	107.5
14380628	55553	91-95	2.80	10.68	0.9	0.7	28.3	31.52	7.66	CLAY	23	27	50	143.7
14380629	55554	95-100	2.28	10.70	0.6	0.5	23.3	31.27	8.49	CLAY	19	33	48	161.2
14380630	55555	100-105	1.58	9.99	0.2	0.2	15.4	34.96	8.97	CLAY	21	37	42	156.0
14380631	55556	105-110	1.42	10.17	0.2	0.2	14.0	29.61	8.98	CLAY	17	39	44	186.5
14380632	55557	110-115	1.84	10.81	0.3	0.2	19.4	38.18	9.04	SILTY CLAY	11	47	42	159.8
14380633	55558	115-120	2.26	8.35	0.3	0.2	18.4	38.02	8.88	CLAY LOAM	21	43	36	146.0
14380634	55559	120-125	1.86	9.22	0.3	0.3	16.6	31.04	8.82	SILTY CLAY	7	49	44	161.3
14380635	55560	125-130	1.73	10.23	0.2	0.2	17.2	34.54	9.03	CLAY LOAM	31	35	34	151.9

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14380636	55561	130-135	1.59	10.55	0.3	0.3	16.2	30.30	9.00	CLAY	21	23	56	178.0
14380637	55562	135-140	1.55	10.54	0.4	0.3	15.7	28.28	8.82	CLAY	13	15	72	173.3
14380638	55563	140-145	1.85	9.46	0.4	0.3	16.8	28.54	8.64	CLAY	11	17	72	170.7
14380639	55564	145-149.35	1.50	10.15	0.4	0.3	14.5	24.46	8.48	CLAY	9	15	76	135.2
14380640	55565	151.75-155	1.83	10.63	0.4	0.2	18.8	33.08	8.75	CLAY	15	39	46	129.9
14380641	55566	155-160	2.61	10.29	0.5	0.4	26.0	38.80	8.55	CLAY	11	37	52	168.8
14380642	55567	160-165	2.76	10.77	0.5	0.4	28.8	43.42	8.60	CLAY	13	35	52	157.5
14380643	55568	165-170	1.74	10.69	0.3	0.2	18.1	37.59	8.86	SILTY CLAY	1	45	54	175.0
14380644	55569	170-175	1.77	10.29	0.3	0.2	17.6	33.07	8.77	CLAY	7	35	58	174.1
14380645	55570	175-179.2	2.41	10.02	0.4	0.3	23.4	38.86	8.42	CLAY	11	23	66	145.4
14380646	55571	183.2-185	2.14	10.13	0.3	0.3	21.1	40.35	7.49	CLAY	23	19	58	122.1
14380647	55572	185-190	3.63	8.50	0.6	0.5	29.7	39.83	7.91	CLAY	19	23	58	145.4
14380648	55573	190-195	3.68	10.95	1.0	0.9	38.5	40.45	7.87	CLAY	19	29	52	143.2
14380649	55574	195-200	2.67	10.21	0.6	0.5	26.2	35.49	8.77	CLAY	25	29	46	127.5
14380650	55575	200-205	2.73	10.57	0.7	0.4	27.8	37.22	8.74	CLAY	23	31	46	117.7
14380651	55576	205-210	2.78	9.08	0.4	0.3	24.5	40.76	8.91	CLAY LOAM	21	39	40	126.3
14380652	55577	210-215	5.55	14.31	1.6	1.3	76.6	64.39	8.78	CLAY	19	35	46	125.0
14380653	55578	215-216.75	2.24	11.96	0.8	0.5	25.6	32.74	7.75	CLAY	21	15	64	130.7
14380654	55579	227.4-232.4	1.76	9.95	0.4	0.3	16.9	29.26	8.52	CLAY LOAM	27	41	32	92.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarconnm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/20/12
 Date Received: 08/27/13
 Date Reported: 02/05/13

Site: CC12107C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380691	55407	0-5	6.18	13.97	12.7	25.2	48.4	11.11	7.96	CLAY	15	29	56	77.1
14380692	55411	5-10	7.11	15.28	15.4	37.0	56.3	11.01	8.07	CLAY LOAM	43	21	36	89.9
14380693	55413	10-15	6.90	16.40	24.5	38.9	49.8	8.85	7.93	CLAY LOAM	25	39	36	67.8
14380694	55414	15-20	6.49	15.41	22.5	34.6	42.9	8.02	7.79	CLAY	17	39	44	82.6
14380695	55415	20-25	6.30	14.51	20.3	29.4	41.7	8.36	6.94	CLAY	15	31	54	91.3
14380696	55416	25-30	5.02	12.36	7.5	12.3	42.3	13.46	7.89	LOAM	35	41	24	66.7
14380697	55418	30-35	4.81	12.08	4.3	4.2	49.6	24.08	7.73	CLAY	23	19	58	86.9
14380698	55426	35-40	3.27	9.77	1.0	0.9	30.0	30.65	8.65	CLAY	19	33	48	120.5
14380699	55427	40-45	2.58	10.03	0.9	0.6	24.4	28.67	8.67	CLAY	17	27	56	128.7
14380700	55428	45-50	3.19	9.11	0.8	0.6	27.6	32.15	8.32	SILTY CLAY LOAM	13	53	34	105.1
14380701	55430	50-55	3.00	10.80	0.6	0.5	31.3	42.71	8.96	CLAY LOAM	21	51	28	121.1
14380702	55431	55-60	1.71	10.48	0.4	0.3	17.2	29.22	8.90	CLAY	21	27	52	167.1
14380703	55432	60-65	1.98	10.37	0.4	0.3	19.8	33.22	8.79	CLAY	15	31	54	142.9
14380704	55433	65-70	2.05	10.12	0.4	0.3	20.0	33.35	8.09	SILTY CLAY	11	47	42	101.6
14380705	55434	76.7-80	1.59	10.51	0.3	0.2	16.2	31.49	8.67	CLAY	15	23	62	166.6
14380706	55435	80-85	3.01	10.42	0.7	0.6	30.0	36.79	8.07	CLAY	23	29	48	150.2
14380707	55436	85-90	1.77	10.31	0.2	0.2	17.9	41.66	9.00	CLAY LOAM	23	47	30	151.4
14380708	55437	90-95	1.55	10.46	0.4	0.3	15.6	28.12	8.93	CLAY LOAM	33	39	28	143.8
14380709	55438	95-100	1.69	10.48	0.3	0.2	17.1	32.30	8.93	SANDY CLAY LOAM	49	25	26	121.1
14380710	55439	100-105	1.67	10.64	0.3	0.3	17.2	31.90	8.85	CLAY LOAM	31	31	38	158.2
14380711	55441	105-110	1.74	8.83	0.2	0.2	15.0	36.10	8.89	CLAY	15	33	52	188.5
14380712	55442	110-115	2.04	9.23	0.2	0.2	18.4	41.82	8.83	CLAY	5	15	80	180.9
14380713	55443	115-120	2.73	10.14	0.6	0.5	26.6	36.75	8.03	CLAY	13	21	66	125.8
14380714	55444	120-125	2.61	9.63	0.5	0.4	24.3	37.37	8.10	CLAY	13	27	60	121.6
14380715	55445	125-127	2.05	11.19	0.5	0.4	22.0	31.27	7.94	CLAY	37	9	54	94.5

Agricultural Testing

Ref#	Lab#	Depth	EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380716	55446	128.5-130	1.55	0.5	0.4	17.8	26.42	8.91	SILTY CLAY	15	41	44	134.6
14380717	55447	130-135	1.90	0.4	0.3	18.0	30.89	9.04	SILTY CLAY	13	45	42	131.9
14380718	55448	135-140	1.59	0.3	0.3	16.9	31.78	8.97	SILTY CLAY LOAM	17	47	36	161.3
14380719	55451	140-145	1.55	0.2	0.2	16.7	38.62	8.99	CLAY	13	19	68	176.1
14380720	55462	145-149.2	2.31	0.3	0.3	25.4	46.60	8.10	CLAY LOAM	21	41	38	134.7
14380721	55463	153.25-155	2.23	0.5	0.3	21.1	33.43	7.87	CLAY	27	23	50	118.0
14380722	55464	155-160	1.77	0.3	0.3	17.5	31.65	8.77	CLAY LOAM	31	39	30	111.8
14380723	55465	160-165	2.60	0.7	0.8	29.4	33.24	8.66	CLAY LOAM	43	29	28	107.0
14380724	55466	165-170	2.09	0.5	0.3	21.3	33.24	8.41	CLAY LOAM	39	29	32	95.8
14380725	55467	170-175	1.41	0.3	0.2	14.0	27.64	9.07	CLAY LOAM	33	37	30	119.6
14380726	55468	175-180	1.95	0.3	0.2	21.4	43.77	8.82	CLAY LOAM	37	33	30	108.9
14380727	55469	180-185	1.89	0.2	0.2	19.9	42.54	8.85	CLAY LOAM	27	39	34	118.8
14380728	55470	185-190	1.93	0.3	0.2	22.0	46.60	8.85	CLAY	21	37	42	118.1
14380729	55471	190-195	2.00	0.3	0.2	22.8	48.24	8.81	CLAY	11	39	50	137.7
14380730	55472	195-197.3	2.80	0.7	0.5	32.2	40.98	7.69	CLAY	29	19	52	110.9
14380731	55473	207-212	1.36	0.4	0.2	13.4	23.03	8.52	CLAY LOAM	21	43	36	100.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/21/12
 Date Received: 08/26/12
 Date Reported: 01/30/13

Site: CC12108C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378211	55674	0-5	5.86	13.02	4.5	14.4	57.4	18.71	8.27	CLAY	28	25	47	59.8
14378212	55675	5-10	11.08	15.35	17.9	41.9	110.4	20.21	8.23	CLAY	14	31	55	88.1
14378213	55676	10-15	5.27	11.42	5.1	9.9	45.2	16.52	8.14	CLAY	6	33	61	129.2
14378214	55677	15-20	5.11	10.76	3.2	9.5	42.3	16.74	8.12	CLAY	8	27	65	119.4
14378215	55678	20-25	14.17	17.60	25.4	80.4	143.7	19.76	4.09	CLAY LOAM	38	27	35	79.0
14378216	55679	25-30	9.22	16.80	22.6	34.8	97.5	18.20	4.96	CLAY	18	39	43	119.5
14378217	55680	30-35	4.28	10.13	1.9	2.4	39.1	26.78	8.70	CLAY	15	37	48	206.1
14378218	55681	35-40	3.33	9.89	0.9	0.9	31.1	32.80	8.97	CLAY	19	37	44	178.6
14378219	55682	40-45	2.82	10.84	0.6	0.5	29.4	39.10	8.98	CLAY LOAM	32	39	29	147.1
14378220	55683	45-50	3.96	8.68	0.9	0.7	32.7	36.08	8.42	CLAY LOAM	37	27	36	134.1
14378221	55684	50-55	1.71	9.52	0.6	0.4	15.3	21.74	9.20	LOAM	37	37	26	140.5
14378222	55685	55-60	1.91	8.91	0.4	0.3	16.4	28.51	9.14	CLAY LOAM	33	39	28	141.2
14378223	55686	60-65	2.38	10.45	0.4	0.4	24.0	36.47	9.31	SANDY CLAY LOAM	53	25	22	120.1
14378224	55687	65-70	1.54	10.01	0.3	0.4	14.7	24.65	9.03	CLAY LOAM	29	33	38	162.4
14378225	55688	70-75	2.15	9.82	0.2	0.2	20.7	45.61	8.83	CLAY	9	23	68	178.5
14378226	55689	75-80	2.55	10.23	0.3	0.3	25.5	46.32	8.71	CLAY	13	11	76	169.1
14378227	55690	80-85	2.83	10.80	0.7	0.6	29.3	37.46	7.87	CLAY	12	33	55	106.6
14378228	55691	85-90	2.76	10.30	0.6	0.4	27.4	38.67	8.32	CLAY	6	21	73	124.7
14378229	55692	90-95	2.41	9.11	0.5	0.4	21.1	31.36	8.50	CLAY	6	13	81	132.1
14378230	55693	95-100	2.18	10.50	0.4	0.3	22.2	39.07	8.85	CLAY	18	37	45	140.2
14378231	55694	100-105	1.69	9.77	0.4	0.4	15.7	24.87	8.98	CLAY	17	39	44	151.0
14378232	55695	105-110	1.59	9.56	0.4	0.4	14.4	22.85	9.04	CLAY LOAM	27	33	40	149.2
14378233	55696	110-113.65	2.35	8.56	0.5	0.5	19.1	27.65	8.69	CLAY	21	27	52	137.5
14378234	55697	115.5-120	2.43	9.85	0.5	0.4	23.1	35.22	8.46	CLAY LOAM	31	39	30	99.8
14378235	55698	120-125	2.66	9.32	0.5	0.4	23.9	35.97	8.79	SILTY CLAY	14	41	45	157.2

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14378236	55699	125-130	4.18	8.51	0.7	0.6	34.3	43.66	8.67	CLAY	20	39	41	136.4
14378237	55700	130-135	2.64	10.85	1.0	0.3	27.3	33.45	8.89	CLAY LOAM	24	37	39	112.5
14378238	55701	135-140	2.09	9.76	0.4	0.3	19.7	34.20	9.11	LOAM	41	33	26	117.3
14378239	55702	140-145	2.18	9.97	0.5	0.4	20.9	31.73	8.91	CLAY	25	31	44	144.4
14378240	55703	145-150	1.96	9.80	0.3	0.4	18.5	31.39	8.79	CLAY	17	21	62	148.1
14378241	55704	150-155	1.96	10.23	0.2	0.2	19.6	42.47	8.92	SILTY CLAY LOAM	18	43	39	140.2
14378242	55705	155-160	2.23	10.38	0.5	0.3	22.4	35.93	8.60	SILTY CLAY	6	45	49	141.6
14378243	55706	160-165	1.96	10.85	0.4	0.3	20.7	37.37	8.68	CLAY	12	39	49	142.6
14378244	55707	165-170	2.04	10.97	0.4	0.3	21.6	35.90	8.65	CLAY	8	25	67	127.7
14378245	55708	170-171.7	4.34	9.18	1.3	1.0	37.6	35.37	7.44	CLAY	18	23	59	115.3
14378246	55709	180.1-185.1	2.39	8.54	0.7	0.4	19.3	26.12	8.57	SILTY CLAY	16	41	43	114.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/21/12
 Date Received: 08/27/13
 Date Reported: 02/01/13

Site: CC12109C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380661	55474	0-5	2.04	13.42	4.9	10.4	12.1	4.39	7.91	SANDY CLAY LOAM	51	23	26	48.5
14380662	55475	5-10	7.61	20.63	26.8	76.9	53.2	7.39	7.54	SANDY CLAY LOAM	47	23	30	54.7
14380663	55476	10-15	9.96	19.40	30.2	62.8	100.3	14.71	4.90	SANDY CLAY LOAM	49	25	26	97.7
14380664	55477	15-20	5.03	21.38	20.1	29.5	58.1	11.67	7.18	CLAY LOAM	31	37	32	93.7
14380665	55478	20-25	3.53	11.00	2.7	3.8	32.3	17.85	8.41	SILTY CLAY	11	43	46	143.3
14380666	55479	25-30	5.24	11.31	4.4	5.1	49.8	22.84	7.43	CLAY LOAM	39	29	32	95.0
14380667	55480	30-35	3.71	8.93	1.3	1.2	30.6	27.44	8.88	LOAM	49	29	22	109.1
14380668	55481	35-40	3.41	11.17	1.3	1.2	35.6	31.83	8.89	SANDY CLAY LOAM	53	25	22	100.2
14380669	55482	40-45	2.76	8.85	0.6	0.5	23.4	32.35	9.14	SANDY LOAM	57	23	20	111.2
14380670	55483	45-50	1.76	10.24	0.3	0.3	17.4	30.00	9.16	CLAY LOAM	41	27	32	140.5
14380671	55486	50-55	1.77	10.52	0.3	0.3	18.0	33.27	8.87	CLAY	23	25	52	180.9
14380672	55487	55-60	2.99	9.32	0.9	0.5	26.5	31.59	8.82	CLAY	7	13	80	161.7
14380673	55488	60-65	1.92	9.96	0.5	0.4	18.3	28.20	8.40	CLAY	11	21	68	130.7
14380674	55489	65-70	1.80	10.91	0.6	0.4	18.7	27.18	8.25	CLAY	9	29	62	107.5
14380675	55494	70-75	1.86	10.23	0.4	0.3	18.3	30.99	8.33	CLAY	9	15	76	119.8
14380676	55495	75-80	2.52	10.28	0.6	0.5	24.8	33.46	8.14	SILTY CLAY LOAM	19	41	40	113.8
14380677	55502	80-85	2.19	10.13	0.5	0.5	21.2	30.91	8.76	CLAY	11	39	50	143.9
14380678	55503	85-90	1.68	10.04	0.4	0.3	16.2	27.76	9.13	LOAM	31	43	26	109.4
14380679	55504	90-95	1.64	10.92	0.4	0.4	17.1	26.71	8.90	CLAY	19	33	48	137.8
14380680	55505	95-96.2	3.37	12.11	1.3	0.9	38.5	36.05	7.59	CLAY	15	31	54	115.3
14380681	55506	96.45-96.75	2.30	11.40	0.5	0.4	25.4	39.60	7.48	CLAY	19	11	70	130.3
14380682	55507	100.55-105	3.79	11.56	1.1	1.0	41.7	40.25	7.07	CLAY	17	31	52	122.0
14380683	55508	105-110	2.74	11.57	0.7	0.6	30.4	37.89	8.09	CLAY	13	37	50	124.8
14380684	55509	110-115	2.82	10.20	0.6	0.4	27.8	39.57	8.28	CLAY	21	33	46	128.6
14380685	55510	115-120	2.55	11.01	0.8	0.6	26.7	32.54	8.25	CLAY	17	39	44	121.3

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14380686	55511	125-130	1.58	10.76	0.3	0.2	16.6	35.61	9.09	SANDY CLAY LOAM	51	23	26	136.7
14380687	55512	130-135	1.89	10.61	0.3	0.2	19.6	40.51	8.96	SANDY CLAY LOAM	45	27	28	133.7
14380688	55513	135-140.1	2.32	8.83	0.6	0.5	19.3	25.51	8.12	CLAY	23	29	48	110.2
14380689	55514	140.85-142.85	7.02	13.87	9.6	9.3	78.5	25.53	5.81	CLAY	23	7	70	96.5
14380690	55515	152.5-157.5	1.19	10.73	0.4	0.3	12.0	19.95	8.17	SILTY CLAY LOAM	19	45	36	98.6



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/22/12
 Date Received: 08/26/12
 Date Reported: 01/29/13

Site: CC12110C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378311	55588	0-5	3.27	12.87	5.1	10.9	26.1	9.20	7.92	CLAY LOAM	41	27	32	51.6
14378312	55589	5-10	5.19	19.36	9.6	34.0	56.9	12.20	8.10	CLAY	9	23	68	98.4
14378313	55590	10-15	10.57	16.84	24.6	70.7	82.7	11.97	5.93	CLAY	21	33	46	82.9
14378314	55591	15-20	19.34	18.66	28.7	103.5	228.6	28.11	3.32	SANDY LOAM	63	25	12	112.8
14378315	55592	20-25	8.75	18.77	23.5	33.2	107.5	20.18	6.10	CLAY LOAM	29	37	34	107.7
14378316	55593	25-30	8.33	18.70	21.5	26.3	107.9	22.06	7.49	CLAY LOAM	21	39	40	152.5
14378317	55594	30-35	5.53	14.60	5.1	7.1	68.5	27.74	8.41	LOAM	39	37	24	100.8
14378318	55595	35-40	4.44	10.47	1.4	1.3	43.8	37.90	8.51	CLAY	29	29	42	151.5
14378319	55596	40-45	3.10	8.03	0.5	0.4	24.0	36.02	9.13	SILTY CLAY LOAM	19	51	30	130.1
14378320	55597	45-50	3.09	10.96	0.5	0.4	33.0	50.55	8.94	LOAM	39	37	24	112.1
14378321	55598	50-55	4.43	11.10	1.4	1.0	46.7	42.41	8.92	LOAM	39	39	22	95.3
14378322	55599	55-60	1.84	10.69	0.3	0.3	19.1	35.33	9.15	LOAM	45	35	20	90.5
14378323	55600	60-65	2.52	8.76	0.4	0.3	21.3	34.45	8.88	CLAY	15	35	50	137.3
14378324	55601	65-70	2.10	9.71	0.4	0.3	19.7	33.07	8.81	CLAY	5	25	70	163.5
14378325	55602	70-75	2.33	9.25	0.5	0.4	20.7	31.00	8.76	CLAY	7	19	74	142.7
14378326	55603	75-80	3.37	11.16	0.9	0.7	36.1	41.30	7.99	CLAY	9	37	54	97.9
14378327	55604	80-85	3.59	7.83	0.8	0.5	26.8	33.14	8.55	CLAY	5	25	70	116.5
14378328	55605	85-90	2.33	9.74	0.6	0.5	21.5	28.50	8.63	CLAY	5	21	74	126.3
14378329	55606	90-95	2.53	9.78	0.6	0.4	23.7	33.51	8.88	SILTY CLAY LOAM	13	49	38	90.7
14378330	55607	95-100	2.23	10.29	0.4	0.3	22.2	37.03	9.03	LOAM	39	35	26	95.7
14378331	55608	100-105	1.98	9.81	0.5	0.3	18.6	29.07	9.13	LOAM	47	29	24	104.2
14378332	55609	105-110	1.43	9.58	0.4	0.3	13.1	23.32	9.13	CLAY LOAM	35	37	28	116.9
14378333	55610	110-115.35	1.48	9.65	0.5	0.3	13.5	21.19	8.75	CLAY	7	23	70	117.7
14378334	55611	118.2-120	3.29	10.06	0.8	0.6	31.7	37.87	7.91	SILTY CLAY	15	43	42	105.8
14378335	55612	120-125	3.33	10.90	0.9	0.7	34.7	39.19	8.44	CLAY LOAM	23	43	34	111.6

Agricultural Testing

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378336	55613	125-130	2.73	9.38	0.5	0.5	24.7	35.73	8.70	SILTY CLAY LOAM	13	47	40	112.0
14378337	55614	130-135	3.06	10.24	0.6	0.4	30.3	42.23	8.78	CLAY	19	39	42	117.7
14378338	55615	135-140	2.53	10.37	0.5	0.4	25.3	36.77	8.82	SILTY CLAY LOAM	17	45	38	125.3
14378339	55616	140-145	2.23	10.90	0.6	0.5	23.2	30.78	8.57	CLAY	11	27	62	127.5
14378340	55617	145-150	2.30	8.74	0.4	0.3	19.4	31.94	8.96	SILTY CLAY	17	41	42	165.2
14378341	55618	150-155	2.27	10.00	0.5	0.4	21.8	32.80	9.01	CLAY LOAM	21	47	32	112.9
14378342	55619	155-160	2.12	9.37	0.4	0.3	19.2	33.15	9.18	LOAM	37	37	26	115.0
14378343	55620	160-165	2.41	9.63	0.5	0.3	22.4	34.93	9.01	CLAY LOAM	33	37	30	116.3
14378344	55621	165-170	2.01	8.31	0.5	0.3	15.9	25.91	8.99	CLAY LOAM	21	41	38	129.4
14378345	55622	170-171.2	3.55	10.15	0.8	0.8	34.4	38.22	7.09	CLAY	19	25	56	109.7
14378346	55623	179.2-184.2	2.51	10.31	0.6	0.4	24.9	34.90	8.57	CLAY LOAM	21	41	38	118.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/21/12
 Date Received: 08/26/12
 Date Reported: 01/29/13

Site: CC12111C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14380601	55580	0-5	6.17	16.92	18.4	23.2	62.8	13.76	7.94	CLAY	15	31	54	81.8
14380602	55581	5-10	7.55	15.05	17.9	18.2	77.5	18.26	7.96	CLAY	23	31	46	74.0
14380603	55582	10-15	11.13	15.21	26.3	25.6	117.5	23.06	8.12	CLAY LOAM	33	29	38	68.1
14380604	55583	15-20	11.78	17.51	28.0	28.2	150.1	28.33	8.15	CLAY LOAM	35	25	40	73.4
14380605	55584	20-25	5.07	12.21	4.2	4.2	53.6	26.18	8.42	SILTY CLAY LOAM	19	43	38	163.7
14380606	55585	25-30	10.62	7.41	2.7	3.0	73.1	43.55	7.49	CLAY	25	29	46	114.0
14380607	55586	30-34.5	3.86	11.15	0.8	0.6	41.5	48.12	8.36	CLAY	17	25	58	115.4
14380608	55587	41.75-46.75	3.93	11.36	1.2	0.9	42.5	41.14	7.72	CLAY LOAM	23	41	36	106.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/22/12
 Date Received: 08/26/12
 Date Reported: 01/29/13

Site: CC12112C

Ref#	Lab#	Depth	EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378191	55710	0-5	11.18	23.3	53.4	104.4	16.85	8.21	CLAY LOAM	34	31	35	66.2
14378192	55711	5-10	10.16	23.5	36.1	114.5	20.97	8.40	CLAY	25	19	56	89.6
14378193	55712	10-15	7.47	16.6	13.9	80.2	20.54	8.01	CLAY	17	21	62	112.0
14378194	55713	15-20	4.29	2.0	2.3	42.0	28.64	8.27	CLAY LOAM	21	41	38	135.5
14378195	55714	20-23.3	4.00	1.8	1.6	39.5	30.34	7.58	SILTY CLAY LOAM	17	43	40	99.6
14378196	55715	25.55-30	4.02	1.2	1.0	36.7	35.31	7.78	CLAY	17	33	50	129.9
14378197	55716	30-35	3.00	0.4	0.3	30.1	50.24	8.71	CLAY	5	31	64	148.1
14378198	55717	35-40	2.32	0.2	0.2	22.1	49.05	9.40	SANDY LOAM	65	17	18	130.8
14378199	55718	40-45	2.36	0.2	0.2	23.1	50.09	8.98	CLAY	19	35	46	147.1
14378200	55719	45-50	1.77	0.2	0.1	17.8	46.17	9.28	LOAM	41	33	26	146.1
14378201	55721	50-55	2.77	0.4	0.3	27.7	48.92	8.77	CLAY	15	15	70	155.9
14378202	55723	55-60	2.63	0.3	0.2	23.4	47.23	8.34	CLAY	27	21	52	141.9
14378203	55725	60-65	1.73	0.2	0.2	17.4	43.02	9.21	LOAM	41	35	24	146.5
14378204	55726	65-70	1.99	0.2	0.2	19.7	44.74	8.96	CLAY	13	39	48	149.9
14378205	55727	70-72.7	3.14	0.7	0.6	30.4	36.79	7.37	CLAY	11	15	74	139.6
14378206	55728	81.25-86.25	2.46	0.2	0.2	21.9	48.23	8.92	CLAY	13	35	52	160.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/22/12
 Date Received: 08/26/12
 Date Reported: 01/30/13

Site: CC12113C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14378271	55624	0-5	0.68	10.85	2.6	2.9	1.9	1.14	7.82	LOAM	46	31	23	40.5
14378272	55625	5-10	2.80	9.89	4.4	5.6	17.7	7.89	8.10	CLAY LOAM	42	27	31	56.7
14378273	55626	10-15	3.67	12.86	10.3	12.7	24.1	7.10	7.97	LOAM	34	41	25	58.5
14378274	55627	15-20	5.14	15.89	19.8	26.1	35.8	7.46	7.01	SANDY LOAM	72	13	15	45.4
14378275	55628	20-25	5.74	14.99	16.7	28.7	40.7	8.54	7.70	CLAY LOAM	22	45	33	74.3
14378276	55629	25-30	5.98	15.08	17.3	27.7	45.1	9.51	7.95	SILTY CLAY	14	45	41	98.3
14378277	55630	30-35	3.12	11.15	2.3	4.7	27.8	14.88	8.32	SANDY LOAM	74	11	15	68.3
14378278	55631	35-40	4.60	10.70	5.0	6.3	37.9	15.91	8.16	LOAM	37	37	26	97.9
14378279	55632	40-45	4.63	12.19	6.9	7.1	42.4	15.97	7.99	CLAY	20	29	51	157.8
14378280	55633	45-50	3.12	9.92	1.3	1.1	28.5	25.97	8.78	CLAY	8	27	65	173.8
14378281	55634	50-55	2.86	10.68	1.1	0.8	28.7	29.90	8.65	CLAY	4	15	81	145.3
14378282	55635	55-60	3.71	11.44	1.4	1.2	39.7	34.30	7.73	CLAY	15	35	50	96.9
14378283	55636	60-65	2.79	10.66	0.8	0.6	28.4	34.41	8.30	CLAY	6	21	73	118.9
14378284	55637	65-70	2.67	11.03	0.6	0.5	28.4	39.17	8.61	CLAY	5	19	76	129.3
14378285	55638	70-75	2.40	10.48	0.3	0.5	24.3	37.25	9.14	SILTY CLAY LOAM	17	47	36	108.9
14378286	55639	75-80	2.64	11.47	0.4	0.4	29.5	46.30	8.49	LOAM	41	35	24	80.9
14378287	55640	80-85	2.16	10.93	0.6	0.5	22.5	30.83	8.46	CLAY LOAM	33	37	30	107.8
14378288	55641	85-88.2	2.95	10.73	1.1	0.7	29.9	31.89	7.93	CLAY	24	13	63	120.7
14378289	55642	90.75-95	1.91	10.63	0.6	0.3	19.4	28.36	8.78	CLAY LOAM	40	29	31	98.0
14378290	55643	95-100	2.14	10.43	0.3	0.2	21.8	44.72	8.96	SILTY CLAY LOAM	15	45	40	136.7
14378291	55644	100-105	1.52	10.58	0.6	0.5	15.0	20.36	9.15	CLAY LOAM	20	45	35	127.1
14378292	55645	105-110	1.73	10.57	0.8	0.5	17.1	21.77	9.03	CLAY	18	39	43	135.2
14378293	55646	110-115	1.52	10.80	0.4	0.4	15.6	24.38	9.00	SILTY CLAY	13	41	46	154.9
14378294	55647	115-120	2.14	10.65	0.3	0.3	22.2	39.55	8.86	CLAY	13	35	52	150.6
14378295	55648	120-125	2.70	11.14	0.5	0.4	29.1	42.39	8.25	CLAY	21	33	46	135.2

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14378296	55649	125-130	1.73	10.93	0.2	0.2	18.6	44.77	9.10	CLAY	21	31	48	154.5
14378297	55650	130-135	1.98	9.79	0.4	0.4	18.6	30.45	9.06	SILTY CLAY LOAM	17	43	40	170.6
14378298	55651	135-140	1.78	10.61	0.2	0.2	18.5	40.75	9.13	CLAY LOAM	23	43	34	156.5
14378299	55652	140-145	2.35	9.30	0.3	0.5	21.0	31.81	8.60	SANDY CLAY LOAM	49	27	24	141.7
14378300	55653	145-150	1.61	10.54	0.3	0.4	16.4	29.67	9.04	CLAY LOAM	33	39	28	161.4
14378301	55654	150-153	2.09	10.62	0.4	0.3	21.4	34.87	7.44	CLAY	26	17	57	114.6
14378302	55655	161.1-166.1	1.36	9.77	0.6	0.3	12.4	18.63	8.76	CLAY	20	39	41	108.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/23/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12114C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355721	68431	0-5	2.63	11.57	4.9	5.8	19.8	8.55	7.98	CLAY LOAM	39	27	34	62.0
14355722	68433	5-10	3.15	11.16	3.4	4.8	27.0	13.35	8.11	SANDY CLAY LOAM	47	19	34	62.2
14355723	68435	10-15	3.06	11.11	2.5	3.1	28.5	17.11	8.34	SANDY CLAY LOAM	51	17	32	77.1
14355724	68436	15-20	2.94	10.73	2.5	2.7	26.4	16.36	8.28	CLAY LOAM	33	29	38	91.3
14355725	68438	20-25	2.79	10.08	1.7	1.4	25.0	19.94	8.58	CLAY LOAM	25	41	34	83.9
14355726	68439	25-30	2.18	10.08	0.9	0.7	20.3	22.51	8.73	CLAY LOAM	31	35	34	95.7
14355727	68440	30-35	3.21	10.06	1.2	1.1	30.0	28.15	7.83	CLAY	17	13	70	112.1
14355728	68442	35-40	2.64	10.23	0.6	0.5	25.9	34.83	8.51	CLAY	11	27	62	144.1
14355729	68443	40-43.5	2.86	10.70	0.8	0.6	29.3	36.09	8.12	CLAY LOAM	21	39	40	95.7
14355730	68444	51.3-56.3	2.09	11.10	0.4	0.4	22.3	34.13	8.59	CLAY	19	39	42	109.2



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/23/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12115C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384141	68447	0-5	3.12	11.07	2.4	6.4	25.8	12.33	8.34	CLAY LOAM	41	27	32	57.0
14384142	68448	5-10	6.15	15.54	19.5	25.7	50.3	10.57	6.92	CLAY LOAM	21	43	36	82.3
14384143	68450	10-15	6.39	15.37	20.5	29.5	48.2	9.64	6.79	CLAY LOAM	29	39	32	81.0
14384144	68451	15-20	7.04	15.43	20.2	37.3	51.2	9.55	7.68	SILTY CLAY LOAM	17	45	38	87.9
14384145	68452	20-25	7.78	16.24	21.7	45.0	59.7	10.33	7.66	CLAY LOAM	29	39	32	74.2
14384146	68454	25-30	8.43	15.88	21.3	47.1	65.4	11.18	7.58	SANDY CLAY LOAM	47	23	30	61.6
14384147	68455	30-35	7.92	15.99	21.4	39.2	66.0	11.99	7.33	SILTY CLAY LOAM	19	43	38	89.2
14384148	68457	35-40	5.43	12.87	8.9	13.1	47.9	14.43	8.67	SILTY CLAY LOAM	13	47	40	102.1
14384149	68458	40-45	4.14	11.47	2.5	3.4	41.6	24.39	9.08	SANDY CLAY LOAM	54	23	23	76.7
14384150	68459	45-50	6.20	13.37	9.5	11.7	61.7	18.93	8.81	LOAM	40	35	25	72.3
14384151	68461	50-55	2.99	9.78	0.9	0.7	27.6	30.70	8.90	CLAY	10	27	63	146.5
14384152	68462	55-60	2.25	10.69	0.6	0.5	23.0	31.87	9.09	CLAY	9	37	54	156.8
14384153	68463	60-65	2.96	9.66	0.7	0.4	27.5	37.23	9.07	CLAY	3	19	78	137.1
14384154	68465	65-70	3.16	11.16	0.9	0.7	33.6	36.57	7.98	CLAY	14	31	55	101.1
14384155	68467	70-75	2.18	10.80	0.5	0.3	22.8	36.20	8.70	CLAY	4	21	75	121.2
14384156	68468	75-80	2.19	10.76	0.4	0.3	22.8	37.13	8.64	CLAY	6	19	75	115.8
14384157	68469	80-85	2.96	10.49	0.7	0.5	29.9	39.77	8.71	CLAY	9	19	72	105.7
14384158	68470	85-90	2.32	10.58	0.6	0.4	23.6	34.43	8.87	SILTY CLAY	12	43	45	124.9
14384159	68472	90-95	2.21	9.06	0.6	0.4	19.0	27.30	8.86	CLAY	9	27	64	151.9
14384160	68473	95-96	1.46	10.30	0.2	0.2	14.6	32.87	8.69	CLAY	6	25	69	120.6
14384161	68475	97.6-100	1.42	11.74	0.7	0.3	15.7	22.25	8.83	CLAY	24	27	49	118.7
14384162	68479	100-105	2.64	10.61	0.5	0.4	27.2	41.93	8.93	CLAY LOAM	32	35	33	112.2
14384163	68481	105-110	2.85	10.07	0.5	0.4	27.7	40.28	8.76	CLAY	16	33	51	128.1
14384164	68482	110-115	2.64	10.43	0.5	0.4	26.7	40.09	8.96	CLAY	17	31	52	116.6
14384165	68483	115-120	2.03	10.22	0.4	0.3	20.0	33.80	9.00	SILTY CLAY	11	45	44	146.8

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14384166	68484	120-125	2.18	10.38	0.4	0.3	22.0	38.03	9.04	SILTY CLAY	11	43	46	131.7
14384167	68486	125-130	2.79	10.50	0.5	0.4	28.4	42.12	8.50	CLAY	5	21	74	135.1
14384168	68487	130-135	2.30	10.34	0.4	0.3	23.1	39.65	9.02	CLAY	7	23	70	145.1
14384169	68488	135-140	2.43	9.56	0.4	0.3	22.5	37.35	9.18	SILTY CLAY	11	45	44	157.8
14384170	68490	140-145	1.67	10.19	0.3	0.2	16.5	32.09	9.51	LOAM	43	33	24	132.8
14384171	68492	145-150	2.18	10.36	0.3	0.3	22.0	41.15	8.89	CLAY LOAM	31	35	34	122.1
14384172	68493	150-155	1.60	9.66	0.2	0.2	15.0	32.59	9.23	CLAY LOAM	37	35	28	122.3
14384173	68494	155-160	2.07	9.46	0.3	0.2	19.1	36.83	9.20	CLAY LOAM	33	37	30	129.9
14384174	68496	160-160.1	2.77	10.70	0.6	0.6	28.4	36.34	8.08	CLAY	19	27	54	116.1
14384175	68498	169-174	2.88	10.00	0.6	0.6	27.6	35.99	7.86	CLAY	27	21	52	103.4



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/23/12
 Date Received: 09/10/13
 Date Reported: 01/31/13

Site: CC12116C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384311	68500	0-5	13.82	15.8	22.5	46.4	149.5	25.47	8.31	CLAY	19	39	42	85.8
14384312	68501	5-10	10.13	14.26	14	21.1	109.3	26.08	8.24	CLAY	21	33	46	119.1
14384313	68502	10-15	9.29	14.04	8.4	12	110	34.45	8.21	CLAY LOAM	37	29	34	121.7
14384314	68504	15-20	7.32	12.33	2.7	3.9	83.7	46.11	8.05	CLAY	5	31	64	111.5
14384315	68505	20-25	4.19	9.84	1.1	0.9	39.2	38.89	8.92	LOAM	33	43	24	126.8
14384316	68506	25-30	4.56	10.72	1.4	1.2	46.3	40.95	8.74	SANDY CLAY LOAM	45	21	34	125.8
14384317	68507	30-35	3.56	9.58	1	0.8	32.3	34.41	8.57	CLAY	21	37	42	125.7
14384318	68508	35-40	4.28	9.95	2.5	1.8	38.3	25.96	8.03	CLAY	17	29	54	109.7
14384319	68509	40-43.8	5.64	12.32	7.9	7.5	54.1	19.52	6.56	CLAY	25	15	60	76.1
14384320	68510	52-57	2.22	10.11	3.3	2.6	16.5	9.6	8.11	CLAY LOAM	21	43	36	56.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/23/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12117C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355651	68511	0-5	10.61	16.24	21.6	55.0	95.7	15.46	8.29	CLAY	24	33	43	86.7
14355652	68513	5-10	7.77	14.77	12.3	24.9	77.5	17.97	8.14	SANDY CLAY LOAM	58	19	23	96.4
14355653	68515	10-15	7.28	14.14	18.9	21.8	62.3	13.81	7.80	SANDY CLAY LOAM	66	13	21	105.5
14355654	68516	15-20	7.66	14.94	20.9	24.8	68.8	14.38	8.07	CLAY	16	39	45	99.5
14355655	68517	20-25	8.64	15.95	25.5	27.1	85.2	16.62	7.80	CLAY	19	35	46	92.9
14355656	68518	25-30	6.54	13.61	14.8	16.1	58.1	14.80	7.95	CLAY	24	29	47	117.6
14355657	68520	30-35	4.09	10.20	2.2	3.0	36.6	22.77	8.23	CLAY	3	9	88	153.5
14355658	68521	35-40	5.00	10.32	2.6	3.3	45.7	26.55	7.71	CLAY	9	33	58	94.2
14355659	68522	40-45	3.47	9.75	1.0	0.9	32.0	33.38	8.38	CLAY	9	19	72	126.0
14355660	68523	45-50	2.90	9.80	0.7	0.6	27.1	32.88	8.64	CLAY	5	25	70	126.0
14355661	68525	50-55	3.52	9.96	0.7	0.7	33.6	39.77	8.85	CLAY	14	21	65	103.7
14355662	68526	55-60	2.14	10.19	0.4	0.4	21.0	33.90	9.30	SILTY CLAY	8	45	47	159.4
14355663	68527	60-65	3.43	10.22	0.9	0.9	33.3	35.39	7.96	CLAY	7	7	86	136.8
14355664	68528	65-70	2.10	9.99	0.4	0.3	20.2	32.87	9.06	CLAY	16	35	49	118.3
14355665	68529	70-75	2.42	10.15	0.4	0.4	23.8	38.34	9.04	SILTY CLAY LOAM	13	49	38	124.4
14355666	68530	75-80	2.10	9.82	0.4	0.3	20.0	34.95	9.02	SILTY CLAY LOAM	19	47	34	120.3
14355667	68531	80-85	2.85	9.28	0.4	0.4	25.6	40.09	8.28	SILTY CLAY	18	41	41	117.4
14355668	68533	85-90	2.62	9.80	0.5	0.4	24.8	36.96	8.87	CLAY	19	37	44	124.7
14355669	68534	90-95	2.77	10.44	0.4	0.4	28.1	44.53	8.77	SILTY CLAY	11	43	46	121.6
14355670	68535	95-100	2.67	9.69	0.8	0.5	24.6	30.95	8.66	SILTY CLAY	13	45	42	126.5
14355671	68537	100-105	2.92	9.67	0.5	0.4	27.3	39.56	8.72	CLAY	15	35	50	111.9
14355672	68538	105-110	5.04	10.65	1.8	1.7	50.3	38.41	7.60	CLAY LOAM	39	27	34	90.5
14355673	68539	110-115	4.29	10.48	1.1	1.1	42.8	40.95	7.72	CLAY LOAM	25	41	34	82.5
14355674	68541	115-120	2.19	9.86	0.5	0.4	20.7	30.36	8.65	CLAY LOAM	39	31	30	84.6
14355675	68543	120-122.1	1.70	11.17	0.3	0.2	18.5	35.49	8.63	CLAY LOAM	37	31	32	83.1
14355676	68544	131.7-136.7	1.33	10.16	0.3	0.2	13.0	25.71	8.91	SILTY CLAY	11	43	46	107.0

Agricultural Testing



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/24/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12118C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384341	68384	0-5	3.18	10.10	1.9	4.8	25.4	13.89	8.31	CLAY LOAM	43	17	40	64.6
14384342	68387	5-10	3.59	11.41	2.1	5.3	33.6	17.45	8.32	CLAY	20	31	49	145.9
14384343	68388	10-15	7.14	17.82	23.7	28.7	74.9	14.65	7.66	CLAY	18	39	43	117.5
14384344	68390	15-20	4.27	11.90	4.6	6.8	39.4	16.53	7.96	CLAY	12	39	49	157.4
14384345	68391	20-25	4.68	10.57	3.3	5.2	41.0	19.92	8.10	CLAY LOAM	26	39	35	120.9
14384346	68392	25-30	4.16	10.36	1.8	2.6	38.7	26.13	8.57	CLAY LOAM	23	43	34	127.2
14384347	68393	30-35	6.15	13.31	1.9	2.1	77.8	54.75	8.91	CLAY LOAM	23	39	38	138.6
14384348	68394	35-40	2.44	10.28	0.6	0.5	24.0	33.01	9.11	CLAY LOAM	35	33	32	119.7
14384349	68395	40-45	3.20	10.35	0.9	0.6	31.7	37.16	8.80	CLAY	17	21	62	149.6
14384350	68396	45-50	2.59	10.19	0.6	0.4	25.4	35.82	8.71	CLAY	8	13	79	165.3
14355601	68397	50-55	3.73	9.93	1.0	0.8	35.2	37.28	8.05	CLAY	13	21	66	113.5
14355602	68398	55-60	2.95	9.50	0.6	0.4	27.0	37.93	8.64	CLAY	7	19	74	116.7
14355603	68399	60-65	2.52	10.73	0.6	0.4	26.1	38.46	8.68	CLAY	7	13	80	132.1
14355604	68400	65-70	2.85	10.39	0.7	0.5	28.5	37.48	8.72	CLAY	13	35	52	86.6
14355605	68401	70-75	2.05	10.27	0.4	0.2	20.4	35.36	9.32	SILTY CLAY	6	49	45	91.5
14355606	68403	75-80	2.18	10.62	0.6	0.4	22.2	32.08	8.88	CLAY	8	31	61	138.9
14355607	68404	80-85	1.75	9.13	0.3	0.2	15.4	29.52	9.13	CLAY	11	35	54	173.3
14355608	68405	85-90	2.58	10.45	0.3	0.3	26.3	46.49	8.84	SILTY CLAY	13	45	42	112.7
14355609	68407	90-95	2.14	10.19	0.3	0.2	21.3	44.22	8.97	SILTY CLAY LOAM	19	47	34	119.3
14355610	68408	95-100	2.92	10.73	0.5	0.4	30.5	46.20	8.45	CLAY	19	33	48	120.5
14355731	68410	100-105	2.75	10.70	0.7	0.6	28.1	34.96	8.24	CLAY LOAM	31	37	32	110.5
14355732	68411	105-110	1.73	10.57	0.5	0.5	17.2	23.85	8.96	CLAY LOAM	25	41	34	130.8
14355733	68412	110-115	2.63	10.46	0.6	0.5	26.4	36.34	8.77	CLAY	25	31	44	116.1
14355734	68413	115-120	1.90	9.54	0.2	0.2	17.7	39.81	9.00	CLAY	21	35	44	151.1
14355735	68415	120-125	1.93	10.49	0.4	0.3	19.6	34.07	8.96	CLAY LOAM	25	41	34	147.2

Agricultural Testing

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355736	68416	125-130	2.09	10.45	0.5	0.4	21.0	31.92	8.84	CLAY	15	39	46	141.0
14355737	68417	130-135	3.01	10.41	0.6	0.5	30.2	40.25	8.84	CLAY LOAM	27	39	34	113.7
14355738	68419	135-140	3.27	11.37	0.7	0.5	36.0	46.71	9.23	CLAY LOAM	41	31	28	108.9
14355739	68421	140-145	1.95	10.27	0.5	0.2	19.3	32.59	8.96	CLAY LOAM	25	37	38	127.7
14355740	68422	145-150	2.17	10.59	0.4	0.2	22.4	40.96	8.56	CLAY	19	19	62	125.5
14355741	68423	150-151.6	1.64	11.17	0.4	0.3	17.7	30.61	7.70	CLAY	25	11	64	120.8
14355742	68425	161.95-166.95	1.45	10.54	0.4	0.2	14.7	27.84	8.90	CLAY	9	29	62	130.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/24/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12119C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384181	68545	0-5	2.48	11.76	5.2	8.3	15.7	6.06	7.68	CLAY LOAM	41	25	34	53.4
14384182	68549	5-10	5.75	14.47	21.0	31.5	30.7	5.99	7.48	CLAY	18	39	43	99.1
14384183	68550	10-15	4.32	12.39	7.3	18.2	28.0	7.84	7.80	CLAY LOAM	23	41	36	78.6
14384184	68551	15-20	6.09	18.00	26.3	43.9	39.4	6.66	7.68	CLAY LOAM	28	41	31	70.3
14384185	68552	20-25	4.26	13.46	9.6	16.9	30.8	8.44	8.02	SANDY LOAM	56	25	19	50.0
14384186	68553	25-30	2.77	11.57	3.3	6.8	22.0	9.81	8.07	SANDY CLAY LOAM	56	13	31	85.0
14384187	68554	30-35	2.93	11.18	2.7	5.2	24.9	12.50	8.15	SANDY CLAY LOAM	64	15	21	60.0
14384188	68555	35-40	3.17	11.25	2.9	4.3	28.5	15.00	8.27	SANDY LOAM	72	9	19	56.9
14384189	68556	40-45	3.23	10.00	1.5	2.3	28.4	20.54	8.91	SANDY LOAM	70	16	14	73.2
14384190	68557	45-50	3.59	10.87	1.5	2.9	34.6	23.30	9.07	SANDY LOAM	69	17	14	61.5
14384191	68558	50-55	3.05	10.27	0.5	1.0	29.8	34.39	9.21	SANDY LOAM	67	15	18	71.1
14384192	68560	55-60	4.40	10.00	1.3	1.3	41.4	36.13	8.38	CLAY	35	17	48	91.6
14384193	68561	60-65	3.26	9.87	0.7	0.6	30.9	38.20	8.81	SILTY CLAY	13	45	42	111.3
14384194	68569	65-70	3.05	9.35	0.6	0.5	27.4	35.68	8.79	CLAY	7	19	74	130.6
14384195	68571	70-75	3.08	9.50	0.5	0.4	28.3	41.67	8.70	CLAY	11	17	72	146.5
14384196	68572	75-80	4.63	11.65	1.5	1.4	51.0	42.24	7.53	CLAY LOAM	33	35	32	72.6
14384197	68573	80-85	2.12	10.03	0.4	0.3	20.5	33.29	8.94	CLAY	16	39	45	137.6
14384198	68575	85-90	2.47	10.40	0.4	0.3	25.0	42.15	8.99	CLAY	21	35	44	130.5
14384199	68576	90-95	2.48	9.37	0.3	0.2	22.7	44.79	8.94	SILTY CLAY LOAM	13	49	38	130.0
14384200	68578	95-100	5.10	12.73	0.4	0.5	64.1	98.78	8.99	CLAY LOAM	27	45	28	96.7
14384201	68580	100-105	1.91	9.93	0.3	0.2	18.4	35.16	9.20	LOAM	47	29	24	92.9
14384202	68561	107.2-110	3.26	8.59	0.5	0.4	27.2	42.49	7.83	SILTY CLAY	11	47	42	98.0
14384203	68583	110-115	3.92	10.22	0.9	0.8	38.3	41.12	7.89	CLAY	21	37	42	104.4
14384204	68584	115-120	2.45	10.25	0.3	0.3	24.5	45.68	8.89	LOAM	43	31	26	99.4
14384205	68585	120-125	2.77	9.82	0.4	0.3	26.5	44.69	8.80	CLAY	13	29	58	118.5
14384206	68586	125-130	2.76	10.00	0.3	0.3	27.0	48.64	8.47	CLAY LOAM	31	29	40	87.7

Agricultural Testing

<u>Ref#</u>	<u>Lab#</u>	<u>Depth</u>	<u>EC</u>	<u>Cat/EC</u>	<u>Ca</u>	<u>Mg</u>	<u>Na</u>	<u>SAR</u>	<u>pH</u>	<u>Texture</u>	<u>Sand</u>	<u>Silt</u>	<u>Clay</u>	<u>Sat. Percent</u>
14384207	68588	130-135	2.17	10.77	0.5	0.3	22.6	35.38	9.27	CLAY LOAM	35	29	36	95.7
14384208	68589	135-140	2.10	10.62	0.3	0.2	21.7	40.29	9.23	CLAY LOAM	29	37	34	88.6
14384209	68591	140-145	2.32	9.89	0.5	0.3	22.1	34.09	9.12	CLAY LOAM	31	37	32	82.0
14384210	68592	145-150	1.82	10.60	0.6	0.4	18.3	25.77	8.81	CLAY LOAM	37	29	34	74.5
14384211	68593	150-155	2.35	9.54	0.4	0.2	21.8	39.55	8.60	CLAY	19	33	48	90.9
14384212	68595	155-159	1.68	11.01	0.4	0.3	17.8	30.01	8.44	CLAY	17	17	66	122.1
14384213	68596	166.6-171.6	3.04	9.92	0.5	0.5	29.2	41.57	7.78	CLAY	11	29	60	104.7



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/27/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12120C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355701	68598	0-5	3.18	9.62	1.3	3.5	25.8	16.73	8.48	CLAY LOAM	35	31	34	64.9
14355702	68599	5-10	8.55	14.77	20.9	31.7	73.6	14.35	8.19	CLAY LOAM	39	25	36	66.0
14355703	68600	10-15	8.11	16.20	21.3	27.7	82.4	16.64	8.07	SILTY CLAY	15	41	44	84.4
14355704	68602	15-20	3.59	11.04	2.6	4.2	32.9	17.86	8.42	CLAY LOAM	23	45	32	96.7
14355705	68603	20-25	1.82	10.05	0.7	0.9	16.7	18.35	8.64	LOAM	29	45	26	98.2
14355706	68604	25-30	2.18	10.11	0.5	0.7	20.9	27.07	8.64	SANDY CLAY LOAM	49	27	24	82.4
14355707	68606	30-35	4.62	10.28	3.0	2.5	41.9	25.17	7.02	CLAY LOAM	43	21	36	91.0
14355708	68607	35-40	3.02	9.03	0.7	0.6	26.0	32.10	8.09	CLAY	11	25	64	132.1
14355709	68608	40-45	1.99	10.48	0.5	0.4	20.0	31.21	8.81	CLAY LOAM	21	39	40	124.1
14355710	68609	45-50	3.07	10.70	0.7	0.6	31.5	38.99	8.08	CLAY	19	25	56	110.2
14355711	68611	50-55	1.62	9.87	0.2	0.2	15.6	34.45	9.05	CLAY	17	39	44	154.7
14355712	68612	55-60	2.09	10.41	0.5	0.3	21.0	33.43	8.78	SILTY CLAY LOAM	19	41	40	125.9
14355713	68613	60-65	2.51	9.02	0.2	0.2	22.2	47.76	8.86	CLAY LOAM	23	39	38	113.3
14355714	68615	65-70	2.85	10.53	0.5	0.4	29.0	41.32	8.79	CLAY	17	35	48	134.5
14355715	68616	70-75	2.27	9.75	0.6	0.4	21.1	29.20	8.68	CLAY	11	29	60	131.2
14355716	68617	75-76.9	2.41	11.06	0.4	0.3	25.9	42.04	7.80	CLAY	21	13	66	115.1
14355717	68618	87.7-92.7	3.02	10.51	0.5	0.4	30.8	43.98	7.90	CLAY	23	35	42	86.2



604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013

email: agvise@polarcomm.com
Homepage: www.agvise.com

Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 08/24/12
Date Received: 09/10/12
Date Reported: 02/01/13

Site: CC12121C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384261	68620	0-5	2.14	11.94	4.7	6.4	14.4	6.11	7.91	CLAY LOAM	39	29	32	50.3
14384262	68621	5-10	2.84	10.14	3.5	7.1	18.2	7.92	8.13	CLAY	31	27	42	80.1
14384263	68623	10-15	2.08	10.99	2.3	2.7	17.8	11.23	8.19	CLAY LOAM	43	29	28	61.9
14384264	68624	15-20	2.87	11.16	3.8	3.8	24.4	12.45	7.62	CLAY	11	13	76	101.9
14384265	68625	20-25	2.11	9.95	1.2	1.0	18.9	18.21	8.37	CLAY	17	31	52	111.7
14384266	68626	25-30	2.00	9.91	0.8	0.7	18.3	20.91	8.40	CLAY	13	33	54	128.1
14384267	68627	30-35	3.83	10.40	1.4	1.2	37.2	32.33	7.20	CLAY	43	13	44	115.3
14384268	68628	35-40	3.45	10.63	1.2	1.1	34.5	32.76	7.81	CLAY	19	17	64	121.9
14384269	68629	40-45	2.22	10.43	0.5	0.3	22.3	35.09	9.00	CLAY LOAM	23	43	34	127.8
14384270	68630	45-50	2.52	9.43	0.4	0.4	22.9	36.00	8.76	CLAY	7	19	74	139.6
14384271	68631	50-55	2.19	10.29	0.3	0.2	22.0	41.66	9.02	CLAY	13	25	62	138.8
14384272	68632	55-60	1.67	10.54	0.3	0.2	17.1	34.11	9.12	CLAY LOAM	27	43	30	134.8
14384273	68634	60-65	1.57	10.98	0.6	0.4	16.2	23.03	8.94	CLAY LOAM	33	37	30	123.4
14384274	68635	65-70	1.55	10.68	0.3	0.3	16.0	29.41	9.08	CLAY LOAM	27	41	32	127.4
14384275	68636	70-75	2.20	8.92	0.3	0.2	19.1	36.46	8.91	CLAY	17	35	48	129.9
14384276	68638	75-80.8	2.00	10.42	0.6	0.4	19.9	28.67	8.53	CLAY	17	19	64	124.8
14384277	68639	91.75-96.75	4.27	10.59	1.2	1.1	42.9	39.94	6.80	CLAY	19	15	66	110.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/27/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12122C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384121	68642	0-5	3.16	10.61	13.5	7.5	12.6	3.88	7.08	CLAY LOAM	37	35	28	50.2
14384122	68643	5-10	1.33	11.32	6.3	3.9	4.9	2.17	7.81	CLAY LOAM	43	23	34	51.5
14384123	68645	10-15	1.24	11.61	5.9	4.9	3.5	1.51	7.58	CLAY LOAM	39	27	34	56.4
14384124	68646	15-20	1.65	12.11	7.8	5.8	6.4	2.46	7.72	CLAY LOAM	37	27	36	57.9
14384125	68647	20-25	1.18	11.21	5.9	2.8	4.5	2.17	7.62	SANDY CLAY LOAM	55	23	22	39.7
14384126	68648	25-30	3.48	13.73	26.7	11.6	9.5	2.16	6.46	SANDY CLAY LOAM	55	19	26	63.7
14384127	68649	30-35	2.09	10.99	7.2	3.0	12.8	5.68	7.81	SILTY CLAY	17	41	42	77.0
14384128	68650	35-40	2.48	8.64	2.6	1.1	17.7	12.92	8.31	SILTY CLAY	15	41	44	91.8
14384129	68651	40-45	2.76	10.20	2.2	1.3	24.6	18.40	8.40	CLAY LOAM	23	39	38	97.1
14384130	68653	45-50	2.33	9.85	1.2	0.8	21.0	21.33	8.52	CLAY LOAM	27	37	36	110.1
14384131	68654	50-55	2.87	9.73	0.7	0.5	26.7	34.23	8.62	CLAY	9	37	54	107.8
14384132	68655	55-60	4.67	10.76	1.6	1.4	47.3	39.14	7.50	CLAY LOAM	33	35	32	96.2
14384133	68656	60-65	3.16	10.11	0.6	0.5	30.9	43.13	8.16	CLAY LOAM	23	37	40	109.1
14384134	68658	65-70	2.91	10.25	0.4	0.3	29.1	47.82	8.84	CLAY LOAM	33	33	34	108.8
14384135	68659	70-75	1.95	10.04	0.5	0.6	18.5	25.22	9.00	SILTY CLAY	15	41	44	136.7
14384136	68660	75-80.4	2.12	10.12	0.4	0.4	20.6	32.03	8.40	CLAY	13	19	68	123.8
14384137	68661	92.8-97.8	2.20	9.54	0.5	0.2	20.3	33.85	7.76	CLAY	19	25	56	115.4



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 08/27/12
Date Received: 09/10/12
Date Reported: 02/01/13

Site: CC12123C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355681	68669	0-5	2.00	11.05	2.4	4.6	15.1	8.09	8.07	CLAY LOAM	43	25	32	57.5
14355682	68671	5-10	5.21	14.45	20.0	27.2	28.0	5.76	7.85	SANDY CLAY LOAM	47	19	34	57.3
14355683	68672	10-15	2.13	12.23	9.5	5.7	10.8	3.91	8.02	SAND	97	3	0	29.8
14355684	68673	15-20	2.45	12.06	9.7	5.9	13.9	4.96	7.85	SAND	95	3	2	32.1
14355685	68675	20-25	2.47	12.11	10.2	6.2	13.5	4.72	7.95	SAND	93	3	4	28.2
14355686	68676	25-30	3.99	12.05	19.2	10.4	18.5	4.80	7.79	SAND	91	5	4	28.8
14355687	68677	30-35	3.05	12.54	10.9	7.0	20.4	6.83	7.87	SAND	89	5	6	27.0
14355688	68678	35-40	5.25	14.49	21.8	15.1	39.1	9.11	7.30	SANDY LOAM	69	17	14	38.0
14355689	68679	40-45	4.29	11.26	9.3	6.6	32.4	11.46	7.74	LOAM	39	35	26	62.1
14355690	68681	45-50	3.77	10.97	4.6	3.6	33.1	16.33	7.68	CLAY LOAM	31	29	40	67.6
14355691	68682	50-55	3.37	9.90	1.8	1.4	30.1	23.74	8.38	CLAY LOAM	39	21	40	75.3
14355692	68684	55-60	3.41	10.82	1.2	1.0	34.7	33.18	8.07	CLAY	37	19	44	78.3
14355693	68685	60-65	2.55	10.37	0.4	0.3	25.8	44.95	8.91	SANDY CLAY LOAM	53	19	28	76.9
14355694	68686	65-70	3.21	10.20	0.4	0.3	32.0	51.40	8.90	SANDY CLAY LOAM	51	25	24	75.0
14355695	68688	70-75	2.35	9.69	0.3	0.2	22.3	44.28	9.22	SANDY CLAY LOAM	59	19	22	90.2
14355696	68689	75-80	2.15	10.44	0.1	0.1	22.2	63.67	9.29	SANDY LOAM	71	13	16	82.7
14355697	68690	80-85	2.22	9.92	0.3	0.4	21.4	37.22	9.15	SANDY LOAM	67	13	20	90.2
14355698	68691	85-90	1.96	9.90	0.1	0.1	19.2	61.72	9.30	SANDY LOAM	69	13	18	89.7
14355699	68692	90-93	1.70	9.85	0.2	0.2	16.3	36.47	9.15	SANDY CLAY LOAM	57	15	28	91.3
14355700	68693	105-110	2.27	10.58	0.6	0.6	22.8	29.31	8.29	CLAY	13	23	64	127.3



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/27/12
 Date Received: 09/10/13
 Date Reported: 01/31/13

Site: CC12125C

Ref#	Lab#	Depth	EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384221	68695	0-5	10.83	18.3	46.2	111.1	19.56	8.25	CLAY LOAM	29	35	36	63.4
14384222	68697	5-10	11.81	22.0	30.6	128.4	25.05	8.34	CLAY LOAM	33	31	36	62.7
14384223	68698	10-15	3.95	1.8	2.1	30.9	21.90	8.47	CLAY	27	31	42	114.3
14384224	68699	15-20	4.09	2.1	2.4	34.0	22.68	8.41	CLAY	21	37	42	107.4
14384225	68701	20-25	3.30	1.6	1.8	31.7	24.10	8.50	SILTY CLAY LOAM	19	43	38	108.9
14384226	68702	25-30.45	3.19	1.6	1.5	31.0	25.00	8.39	CLAY	7	29	64	112.3
14384227	68704	41.8-46.8	1.78	0.5	0.4	19.6	29.81	8.07	CLAY	21	33	46	101.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/23/12
 Date Received: 09/10/13
 Date Reported: 01/31/13

Site: CC12127C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384231	68705	0-5	3.33	10.81	1.5	5.5	29.0	15.52	8.57	CLAY	27	21	52	77.3
14384232	68707	5-10	10.38	15.65	21.0	43.9	97.5	17.12	8.21	CLAY LOAM	31	35	34	74.3
14384233	68708	10-15	5.10	11.34	3.6	7.7	46.6	19.60	8.40	CLAY LOAM	21	43	36	90.7
14384234	68709	15-20	2.65	9.72	0.7	0.9	24.2	27.24	8.79	SILTY CLAY LOAM	13	49	38	118.7
14384235	68710	20-25	3.23	9.98	0.7	0.8	30.7	34.66	9.01	CLAY LOAM	25	45	30	98.6
14384236	68711	25-30	2.73	10.06	0.5	0.5	26.4	36.89	8.85	SILTY CLAY LOAM	15	47	38	118.4
14384237	68712	30-35	3.73	8.10	0.5	0.5	29.3	42.04	8.71	LOAM	41	37	22	71.7
14384238	68714	35-40	2.18	10.39	0.5	0.3	21.9	35.27	9.01	SILTY CLAY	9	45	46	129.1
14384239	68715	40-45	2.73	10.34	0.3	0.3	27.6	48.81	8.93	CLAY LOAM	29	35	36	100.9
14384240	68716	45-50	2.55	10.05	0.3	0.3	25.0	46.00	8.73	CLAY	3	37	60	96.4
14384241	68718	50-54.35	2.52	10.34	0.4	0.3	25.3	41.61	8.31	CLAY	13	17	70	129.3
14384242	68719	65.3-70.3	4.73	10.96	1.3	1.4	49.2	42.82	6.86	CLAY	27	11	62	101.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/29/12
 Date Received: 09/10/13
 Date Reported: 01/31/13

Site: CC12128C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384291	68720	0-5	7.39	16.30	25.6	43.2	51.7	8.81	7.77	CLAY	23	29	48	67.2
14384292	68721	5-10	7.44	14.42	16.5	30.4	60.4	12.47	7.97	CLAY LOAM	31	33	36	79.5
14384293	68722	10-15	5.34	13.98	15.9	16.7	42.1	10.44	7.87	CLAY LOAM	25	37	38	92.5
14384294	68723	15-20	4.36	12.17	8.3	10.1	34.6	11.40	7.96	CLAY	21	37	42	87.7
14384295	68724	20-25	4.29	13.02	8.7	10.6	36.6	11.80	7.94	CLAY LOAM	29	37	34	91.0
14384296	68725	25-30	4.50	12.93	7.2	9.0	41.9	14.71	7.72	CLAY	7	21	72	98.9
14384297	68726	30-31	4.00	10.43	3.6	5.2	32.9	15.72	6.91	CLAY	25	11	64	87.4
14384298	68727	42.5-47.5	3.61	10.49	1.4	1.5	35.0	29.24	6.88	CLAY	17	15	68	113.8



Coyote Creek
204 County Rd 15
Beulah, ND 58523

Date Sampled: 08/28/12
Date Received: 09/10/12
Date Reported: 02/01/13

Site: CC12129C

604 Highway 15 West
P.O. Box 510
Northwood, ND 58267
(701) 587-6010
FAX (701) 587-6013
email: agvise@polarcomm.com
Homepage: www.agvise.com

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355631	68728	0-5	2.44	11.43	5.0	6.1	16.8	7.12	7.91	SANDY CLAY LOAM	53	25	22	42.4
14355632	68729	5-10	6.57	13.34	8.2	18.2	61.3	16.90	8.23	CLAY	29	29	42	65.3
14355633	68730	10-15	10.92	16.62	25.7	50.0	105.7	17.18	6.23	CLAY	21	23	56	73.7
14355634	68731	15-20	7.89	14.94	22.3	24.8	70.8	14.57	7.94	CLAY	9	21	70	94.4
14355635	68732	20-25	3.32	10.99	1.6	1.6	33.3	26.33	8.44	CLAY	16	35	49	103.9
14355636	68733	25-29.45	4.03	10.60	2.0	3.6	37.1	22.08	8.68	CLAY LOAM	21	51	28	85.9
14355637	68734	31-35	2.94	9.38	0.8	0.7	26.1	30.81	8.33	CLAY	11	19	70	97.4
14355638	68735	35-40	3.96	9.05	0.9	0.7	34.3	39.43	8.74	SILTY CLAY	5	43	52	109.1
14355639	68736	40-45	2.69	9.91	0.5	0.4	25.7	37.70	8.97	SILTY CLAY LOAM	18	49	33	113.7
14355640	68737	45-50	2.95	10.98	0.6	0.5	31.3	42.46	8.24	CLAY	14	37	49	111.1
14355641	68738	50-55	1.60	10.82	0.3	0.2	16.8	31.59	9.18	CLAY LOAM	28	39	33	128.0
14355642	68739	55-60	1.84	9.62	0.4	0.3	17.1	30.72	9.17	CLAY LOAM	39	29	32	115.9
14355643	68740	60-65	1.74	10.15	0.2	0.2	17.3	38.62	9.31	SANDY CLAY LOAM	66	13	21	97.3
14355644	68741	65-70	2.08	10.00	0.4	0.2	20.2	36.42	9.04	SANDY LOAM	74	11	15	77.0
14355645	68742	70-75	1.55	9.49	0.3	0.2	14.2	29.46	9.40	CLAY LOAM	20	41	39	98.6
14355646	68743	75-80	1.57	9.60	0.4	0.2	14.5	26.48	9.37	CLAY LOAM	30	37	33	104.9
14355647	68744	80-85	2.19	10.14	0.5	0.3	21.4	34.12	8.93	SILTY CLAY	16	43	41	118.0
14355648	68745	85-89.5	4.45	9.69	1.9	1.7	39.5	29.58	8.49	CLAY	22	31	47	136.5
14355649	68746	101-106	3.71	10.91	0.8	0.7	39.0	44.85	8.07	CLAY	16	35	49	83.8



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 08/30/12
 Date Received: 09/10/13
 Date Reported: 01/31/13

Site: CC12143C

Ref#	Lab#	Depth	EC	Cav/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384301	68765	0-5	6.52	14.20	13.8	18.6	60.2	14.98	8.19	SILTY CLAY	16	41	43	80.9
14384302	68766	5-10	2.49	10.65	0.6	1.0	24.9	27.94	8.87	CLAY LOAM	27	37	36	137.1
14384303	68767	10-15	6.61	17.03	3.6	3.7	105.3	55.05	8.66	CLAY LOAM	24	41	35	121.8
14384304	68768	15-20	2.43	10.35	0.6	0.5	24.1	32.43	8.74	CLAY	7	29	64	132.5
14384305	68769	20-24.7	2.35	10.80	0.8	0.7	23.9	27.33	7.53	CLAY	18	17	65	100.2
14384306	68770	35.7-40.7	3.23	11.22	3.1	2.2	30.9	19.00	7.81	CLAY	17	17	66	109.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 09/06/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12213C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14355611	68747	0-5	3.91	14.11	13.8	17.8	23.6	5.95	7.77	CLAY	29	25	46	55.8
14355612	68748	5-10	9.21	17.55	22.2	75.6	63.8	9.12	7.82	CLAY	43	13	44	65.7
14355613	68749	10-15	6.85	14.80	18.9	32.1	50.4	9.98	7.92	LOAM	51	31	18	43.5
14355614	68750	15-20	6.62	15.31	20.1	25.9	55.3	11.52	4.88	CLAY LOAM	25	47	28	96.9
14355615	68751	20-25	3.67	9.15	3.6	2.4	27.7	16.07	8.42	CLAY	15	17	68	94.4
14355616	68752	25-30	3.14	10.81	3.1	2.6	28.3	16.81	8.23	SILTY CLAY	10	43	47	104.6
14355617	68753	30-35	2.81	10.55	0.8	0.7	28.2	32.60	7.99	CLAY	10	29	61	100.8
14355618	68754	35-40	2.09	10.36	0.2	0.2	21.2	45.56	9.00	SILTY CLAY	15	41	44	127.5
14355619	68755	40-45	2.48	9.64	0.3	0.2	23.4	44.71	8.91	SILTY CLAY	11	47	42	130.8
14355620	68756	45-50	1.66	10.58	0.1	0.1	17.3	46.88	9.37	LOAM	41	33	26	111.2
14355621	68757	50-55	1.51	12.04	0.2	0.1	17.9	47.71	9.36	SANDY CLAY LOAM	57	21	22	95.5
14355622	68758	55-60	1.86	10.40	0.2	0.2	18.9	41.33	9.16	CLAY LOAM	33	37	30	110.1
14355623	68759	60-65	1.86	10.67	0.3	0.2	19.4	41.19	9.06	CLAY	19	39	42	131.0
14355624	68760	65-70	2.09	9.65	0.3	0.2	19.7	38.55	8.86	CLAY	12	35	53	120.1
14355625	68761	70-74.6	2.54	10.57	0.5	0.4	25.9	38.63	8.43	CLAY	12	23	65	125.0
14355626	68762	84.2-89.2	2.69	10.68	0.6	0.5	27.7	37.83	8.14	CLAY	14	35	51	114.1



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 09/06/12
 Date Received: 09/10/13
 Date Reported: 01/31/13

Site: CC12215C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384251	68772	0-5	1.95	12.74	8.4	6.6	9.9	3.62	7.12	CLAY	25	31	44	62.4
14384252	68774	5-10	1.91	11.43	3.8	3.8	14.2	7.31	8.00	CLAY	26	29	45	71.5
14384253	68775	10-15	2.19	12.08	2.2	3.1	21.1	12.90	8.24	CLAY	26	31	43	71.0
14384254	68776	15-20	2.55	9.75	1.4	2.0	21.5	16.67	8.42	CLAY LOAM	39	27	34	69.8
14384255	68777	20-25	1.92	10.41	0.9	0.9	18.2	19.21	8.61	SILTY CLAY	10	43	47	125.5
14384256	68778	25-30	2.36	10.81	0.7	0.7	24.1	28.15	8.82	CLAY LOAM	28	37	35	108.3
14384257	68779	30-35	2.70	10.43	0.5	0.4	27.2	39.84	9.00	CLAY	6	39	55	133.6
14384258	68780	35-40.85	3.00	10.53	0.6	0.4	30.6	42.90	7.84	CLAY	17	17	66	115.7
14384259	68782	51.6-56.6	1.65	11.56	0.5	0.3	18.3	29.47	8.52	CLAY	11	23	66	139.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 09/06/12
 Date Received: 09/10/12
 Date Reported: 02/01/13

Site: CC12217C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14384321	68785	0-5	3.00	11.01	2.8	7.1	23.2	10.42	8.19	CLAY	9	37	54	57.9
14384322	68786	5-10	10.00	17.09	27.5	64.8	78.5	11.55	8.11	CLAY LOAM	41	23	36	62.3
14384323	68787	10-15	7.27	14.77	23.0	32.1	52.3	9.97	8.03	CLAY	3	15	82	64.7
14384324	68788	15-20	5.22	11.73	11.4	14.9	34.9	9.62	7.82	CLAY	7	15	78	99.8
14384325	68790	20-25	5.35	13.31	12.9	18.5	39.7	10.02	7.95	CLAY	13	31	56	85.4
14384326	68791	25-30	5.30	12.74	11.7	16.3	39.5	10.57	8.06	CLAY	18	33	49	81.6
14384327	68793	30-35	4.14	11.64	4.9	8.0	35.3	13.95	8.20	SILTY CLAY	8	41	51	88.7
14384328	68794	35-40	3.68	10.43	2.5	4.8	31.1	16.31	8.41	CLAY LOAM	20	47	33	88.1
14384329	68795	40-45	3.18	10.61	1.8	2.9	29.1	18.99	8.34	CLAY	13	37	50	102.7
14384330	68797	45-50	4.27	10.75	1.9	2.2	41.8	29.09	7.55	CLAY	24	29	47	89.5
14384331	68798	50-55	2.48	10.30	0.5	0.5	24.5	35.02	8.71	SILTY CLAY	11	45	44	100.7
14384332	68799	55-60	3.07	10.55	0.5	0.6	31.2	40.99	8.50	CLAY	15	27	58	110.4
14384333	68801	60-65	2.39	9.12	0.4	0.3	21.1	34.99	8.89	SILTY CLAY	15	41	44	118.3
14384334	68802	65-70	2.09	9.91	0.4	0.3	20.0	32.81	8.93	SILTY CLAY	14	45	41	118.1
14384335	68804	70-74.25	4.21	10.12	1.1	1.0	40.6	39.90	7.58	CLAY	17	19	64	107.0
14384336	68806	83.6-88.6	1.64	11.06	0.4	0.3	17.5	31.29	8.78	CLAY	26	33	41	104.9



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 10/08/12
 Date Received: 11/08/12
 Date Reported: 12/06/12

Site: CC12298C

Ref#	Lab#	Depth	EC	Ca/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14417161	186453	0-5	2.19	9.16	3.8	2.3	13.9	7.97	7.49	SAND	89	5	6	30.0
14417162	186454	5-10	4.39	14.97	10.5	22.5	32.8	8.07	8.10	CLAY LOAM	29	35	36	60.1
14417163	186455	10-15	3.61	12.23	6.0	12.1	26.1	8.66	8.17	SILTY CLAY LOAM	13	51	36	71.1
14417164	186457	15-20	2.68	9.69	4.3	5.3	16.4	7.48	8.01	CLAY	13	39	48	79.4
14417165	186458	20-25	3.79	11.88	6.4	6.5	32.1	12.61	6.72	CLAY LOAM	37	29	34	74.5
14417166	186459	25-30	2.15	10.76	1.2	1.0	21.0	20.29	8.66	SILTY CLAY LOAM	19	51	30	98.4
14417167	186460	30-35	2.08	10.12	0.6	0.5	19.9	26.34	8.58	SILTY CLAY	13	45	42	97.5
14417168	186461	35-40	2.52	10.19	0.6	0.5	24.7	34.49	8.45	CLAY	23	31	46	90.3
14417169	186462	40-45	2.22	11.84	0.5	0.3	25.5	40.22	8.78	CLAY LOAM	23	41	36	104.6
14417170	186464	45-50	1.85	10.35	0.4	0.3	18.5	33.16	9.04	CLAY LOAM	23	41	36	129.0
14417171	186465	50-55	2.05	10.02	0.4	0.2	19.9	36.09	8.88	CLAY	5	33	62	121.2
14417172	186466	55-60	1.50	9.97	0.3	0.2	14.5	29.50	9.37	CLAY LOAM	21	45	34	124.8
14417173	186467	60-65	1.74	10.08	0.2	0.2	17.2	39.61	9.19	CLAY LOAM	21	47	32	118.1
14417174	186468	65-70	1.81	10.21	0.3	0.3	17.9	32.69	9.05	SILTY CLAY	11	47	42	127.8
14417175	186469	70-75	2.40	8.45	0.4	0.2	19.6	34.06	8.69	CLAY	9	25	66	116.8
14417176	186470	75-79.75	4.20	11.12	1.0	0.9	44.8	46.26	7.53	CLAY	37	17	46	94.7
14417177	186471	90.2-95.2	2.09	10.24	0.4	0.2	20.8	37.91	8.04	CLAY	7	21	72	114.0



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 10/09/12
 Date Received: 11/08/12
 Date Reported: 12/06/12

Site: CC12303C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14417191	186484	0-5	2.03	12.48	6.0	8.0	11.3	4.28	7.82	CLAY LOAM	37	27	36	48.5
14417192	186485	5-10	5.05	18.31	23.5	34.9	34.0	6.30	7.97	SANDY CLAY LOAM	45	25	30	56.0
14417193	186487	10-15	3.95	13.08	12.4	13.6	25.7	7.13	7.91	LOAM	35	41	24	57.8
14417194	186488	15-20	3.97	13.56	12.6	14.1	27.0	7.39	7.95	LOAM	49	31	20	58.5
14417195	186489	20-25	4.78	14.28	17.6	18.7	32.0	7.51	7.77	SANDY LOAM	67	17	16	44.6
14417196	186490	25-30	3.38	14.07	5.8	8.9	32.9	12.14	8.10	SANDY LOAM	69	15	16	47.7
14417197	186491	30-35	6.82	16.74	24.9	29.0	60.3	11.63	7.53	CLAY LOAM	43	19	38	74.9
14417198	186492	35-40	3.09	11.05	3.1	4.1	27.0	14.21	7.71	SILTY CLAY	13	43	44	112.8
14417199	186493	40-45	2.73	10.58	1.8	2.5	24.6	16.70	8.24	CLAY LOAM	21	43	36	111.7
14417200	186495	45-50	2.35	11.17	1.0	1.1	24.1	23.17	8.79	CLAY LOAM	21	41	38	108.9
14417201	186496	50-55	2.68	11.26	0.9	0.8	28.5	30.85	8.49	CLAY	13	33	54	112.0
14417202	186499	55-60	2.18	10.53	0.5	0.4	22.1	34.16	8.90	SILTY CLAY	9	43	48	125.3
14417203	186500	60-65	1.90	11.57	0.7	0.5	20.8	27.26	8.98	SILTY CLAY	5	51	44	130.3
14417204	186501	65-70	2.08	8.97	0.3	0.2	18.1	34.92	9.26	SILTY CLAY LOAM	11	53	36	130.2
14417205	186502	70-75	2.09	9.95	0.4	0.3	20.0	32.46	9.16	SILTY CLAY LOAM	13	49	38	122.5
14417206	186503	75-80	2.00	10.29	0.3	0.2	20.1	41.18	9.03	SILTY CLAY	9	49	42	116.8
14417207	186505	80-85	2.00	9.90	0.3	0.2	19.3	38.83	8.81	CLAY	3	27	70	116.7
14417208	186506	85-88	2.55	10.54	0.5	0.5	25.9	36.21	8.52	CLAY	9	19	72	124.1
14417209	186507	99.25-104.	1.83	11.33	0.3	0.3	20.2	37.63	8.76	CLAY	7	33	60	119.5



604 Highway 15 West
 P.O. Box 510
 Northwood, ND 58267
 (701) 587-6010
 FAX (701) 587-6013
 email: agvise@polarcomm.com
 Homepage: www.agvise.com

Coyote Creek
 204 County Rd 15
 Beulah, ND 58523

Date Sampled: 10/09/12
 Date Received: 11/08/12
 Date Reported: 12/06/12

Site: CC12304C

Ref#	Lab#	Depth	EC	Cat/EC	Ca	Mg	Na	SAR	pH	Texture	Sand	Silt	Clay	Sat. Percent
14417141	186433	0-5	1.91	11.27	4.0	7.8	9.7	3.97	7.85	SANDY CLAY LOAM	53	19	28	47.0
14417142	186434	5-10	6.32	23.50	32.9	74.6	41.1	5.61	8.02	LOAM	29	45	26	77.6
14417143	186435	10-15	4.92	15.32	19.5	27.8	28.1	5.78	7.80	SILTY CLAY LOAM	15	51	34	77.6
14417144	186436	15-20	4.73	14.64	21.7	18.9	28.6	6.35	7.42	SILTY CLAY	11	41	48	81.9
14417145	186437	20-25	4.24	13.52	10.0	8.9	38.4	12.50	7.81	CLAY	15	35	50	96.1
14417146	186439	25-30	2.50	10.98	2.0	1.6	23.8	17.79	8.38	CLAY	27	31	42	78.8
14417147	186440	30-35	2.53	10.48	0.7	0.6	25.2	30.91	8.40	CLAY	13	39	48	116.8
14417148	186441	35-40	2.19	10.39	0.6	0.4	21.8	31.03	8.77	SILTY CLAY LOAM	13	47	40	117.7
14417149	186442	40-45	1.75	10.76	0.3	0.3	18.2	33.61	9.06	LOAM	37	37	26	115.0
14417150	186443	45-50	1.94	10.74	0.5	0.4	20.0	30.40	8.97	CLAY LOAM	21	45	34	106.3
14417151	186444	50-55	1.77	10.51	0.3	0.2	18.1	35.10	9.09	SILTY CLAY LOAM	19	51	30	129.9
14417152	186445	55-60	1.88	10.75	0.6	0.5	19.1	25.45	9.02	SILTY CLAY	11	47	42	125.5
14417153	186448	60-65	1.99	10.66	0.3	0.3	20.5	35.35	9.02	SILTY CLAY	7	47	46	131.8
14417154	186449	65-70	1.91	11.15	0.4	0.3	20.6	34.17	8.50	CLAY	17	21	62	122.1
14417155	186450	70-72.1	2.57	11.33	0.7	0.5	28.0	36.74	7.65	CLAY	29	15	56	106.7
14417156	186452	83.6-88.6	2.02	11.22	0.5	0.4	21.8	33.42	7.61	CLAY	13	13	74	127.1