

North Dakota Department of Transportation

Grant Levi, P.E.
Director

Doug Burgum
Governor

March 15, 2017

ADDENDUM 3 – JOB 13

TO: All prospective bidders on project NH-3-002(154)209, NH-3-002(153)209 & NH-3-002(152)209, Job No. 13 scheduled for the March 17, 2017 bid opening.

The following plan and request for proposal revisions shall be made:

Plan Revisions:

Add sheet 180-1 and 180-2.

Request for Proposal Revisions:

Add the Material Pit List and Material Source Certificate of Approval for the pit located at NE¼ 34-155-77.

This addendum is to be incorporated into the bidder's proposal for this project.

A handwritten signature in black ink, appearing to read "Cal J. Gendreau".

for CAL J. GENDREAU – CONSTRUCTION SERVICES ENGINEER
80:plm
Enclosure

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

MATERIALS PIT LIST

GENERAL NOTES

NOTES: All pit data for the **March 17, 2017** bid opening has been carefully prepared, and is believed to be correct insofar as reliable preliminary pit information can reasonably be obtained. The contractors are advised to check all pit information before bidding.

It is recommended all bidders discuss pertinent pit data with the Materials and Research Engineer prior to the bid opening. Information such as field notes, field loggings, and comments may not be included in the materials pit list or boring logs. This additional information if present would be in the respective pit file at the Materials and Research Division.

Field logging by prospecting crews may list silt, clay, or silty clay. Our test hole plat will show silt-clay for those listings because the Department does not test to determine what percent is clay and what percent is silt.

Each pit shall be operated to prevent waste and to make the best use of the deposit and to produce a uniform gradation for the item of work under construction. Usually, the material will be removed to the full width and depth of the deposit. The purpose is to exhaust the portion of the pit being worked so the stripping or topsoil can be pushed into this exhausted area and smoothed, thereby eliminating the necessity of covering unused material in the pit unless the owner agrees otherwise.

In the use of pits, the contractor is required to comply with all federal, state, and local laws and regulations.

In the use of department-owned or optioned pits, the contractor shall fulfill all obligations imposed on the Department under the Department's options or agreements.

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
MATERIALS PIT LIST**

Material	Location	Approximate Quantity	Price and Ownership
FEDERAL AID PROJECT NH-3-002(154)209, NH-3-002(152)209, & NH-3-002(153)209 – MILL/OL 2"MAX/THIN OVERLAY – US 2 FROM W RUGBY E TO W OF KNOX/ US 2 FROM 1 MI W TO 1 MI E RUGBY EB/WB/ AND US 2 RUGBY FRONTAGE ROADS – BARNES AND PIERCE COUNTIES			
Aggregate	NE1/4 34-155-77	296,111 ton	State optioned until December 31, 2020 for 100.0¢ per cu.yd. or 66.6¢ per ton. Ramon and Helen Anderson, 108 5 th Ave SW Apt. # 2, Towner, ND 58788 Telephone: 701-537-5382

Percent Passing**Areas**

	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>E</u>	<u>F</u>	<u>G</u>	<u>H</u>	<u>I</u>	
1" Screen	79	82	83	85	87	83	84	82	97	%
3/4" Screen	70	73	75	79	79	72	75	76	76	%
5/8" Screen	66	67	70	74	76	67	69	71	72	%
1/2" Screen	59	61	63	68	70	61	62	66	67	%
No. 4 Screen	41	43	45	50	52	43	45	51	52	%
No. 8 Screen	35	36	37	42	44	37	38	45	46	%
No. 10 Screen	33	35	36	40	42	35	36	44	44	%
No. 16 Screen	28	31	31	35	36	31	32	40	40	%
No. 30 Screen	18	21	20	21	23	21	24	29	29	%
No. 40 Screen	11	13	13	14	15	14	15	22	23	%
No. 50 Screen	8	8	8	9	10	8	9	18	18	%
No. 100 Screen	4	4	4	5	5	4	5	12	12	%
No. 200 Screen	3.1	3.1	3.1	3.7	3.7	3.1	2.9	7.7	6.7	%
Shale & Soft Rock*	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	%
Shale & Soft Rock**	0.2	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	%
Shale & Soft Rock***	0.3	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1	%

L.A. Abrasion Loss	20.4% Combined Sample									
Wt. Per c.f. loose	122.3	120.6	120.8	120.8	119.4	119.0	126.4	121.9	122.0	lbs
Wt. Per c.f. rodded	130.4	126.9	128.6	128.0	126.3	128.3	131.0	127.0	129.1	lbs
P.I. (-40 Sieve)	none	none	none	none	none	none	none	none	none	

*Plus No.4 fraction - percent by weight of total sample

**Minus No. 4 fraction - Plus No. 30 fraction - percent by percent by weight of total sample

***In total sample

<u>Size</u>	<u>Aggregate Type</u>	<u>Sieves</u>	<u>Water Absorption</u>
-1 1/2" +5/8"	rock crushed	+No. 4	1.0%
-1 1/2" +5/8"	rock crushed	-No. 4	0.6%
-5/8" +No. 4	natural rock	+No. 4	1.4%
Minus No. 4	natural fines	-No. 4	1.0%

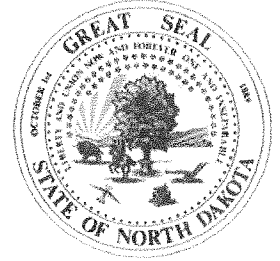
NOTE: Material was selected at random throughout deposit and crushed with a crusher at Central Lab. The water absorption data is to be used for information purposes. Water absorption numbers may vary throughout the pit. The contractor shall be responsible for verifying the actual absorption prior to using the material in the project. Visit with landowner on access, landowner would like access to other fields and would like an area not disturbed to be able to access the land. Landowner would also have right to take virgin gravel for personnel use when needed. This deposit was also shown for project SNH-4-002(097)171 and SS-4-014(031)083 and they will have priority in use. Previously awarded projects will have priority in use of materials and contractors must contact companies that are awarded these projects for information on availability.

NDDOT Material Source Certificate of Approval is attached at the end of this job pit list.

Interested bidders are advised to investigate all the details concerning this deposit to their own satisfaction before considering it for bidding purposes.

NDDOT Material Source Certificate of Approval

MH-1049



Pit Name:
Anderson

NE1/4 S. 34 T. 155 N, R 77 W

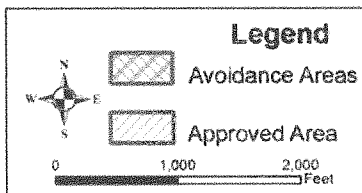
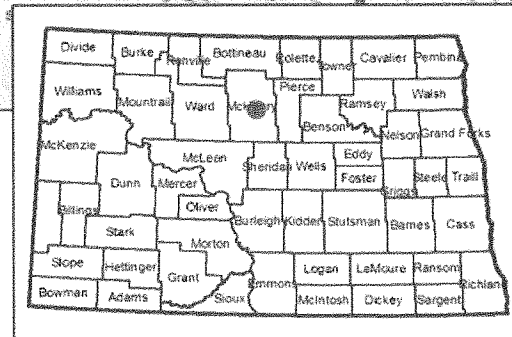
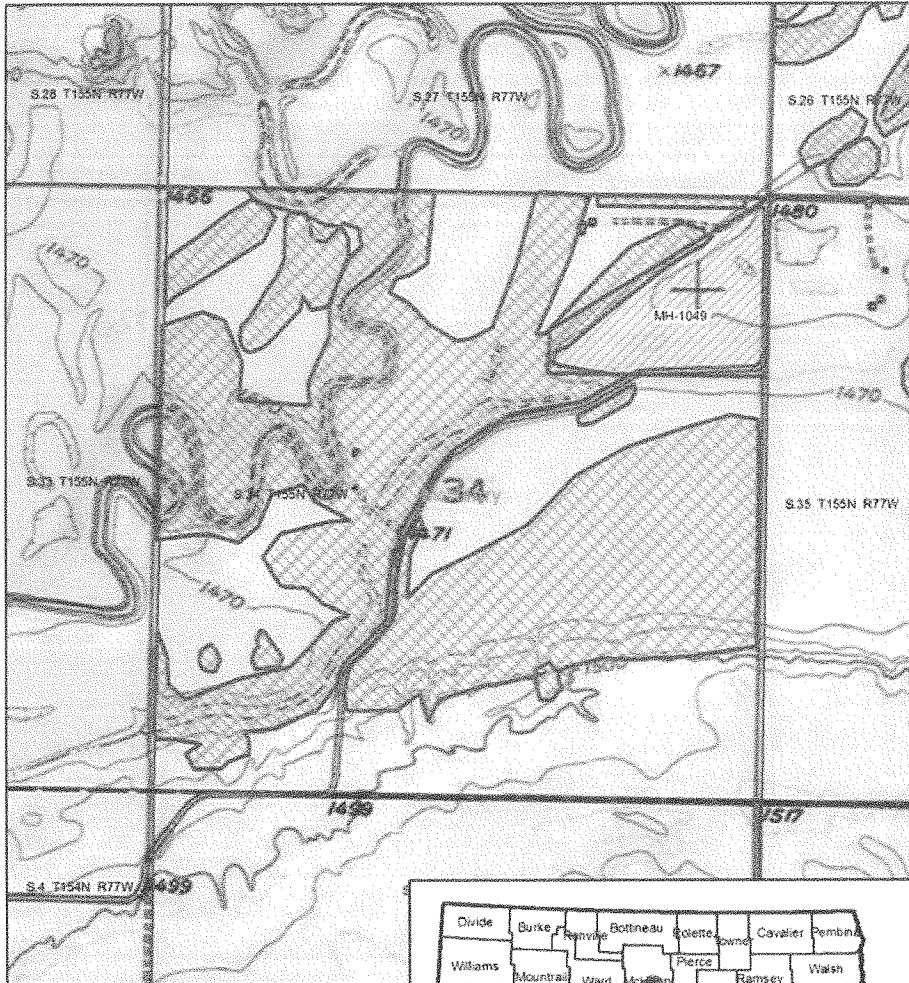
County: McHenry

Conditions:

This location is approved for use, provided all avoidance areas shown on the map are avoided and all Conditions listed above and below are complied with.

NDDOT advises that all applicants (contractors or their representatives) may be subject to meeting certain legal responsibilities pursuant to one or more of the following authorities administered by the USFWS: Migratory Bird Treaty Act (MBTA) (16 U.S.C. 703 et seq.); Endangered Species Act (ESA) (16 U.S.C. 1531 et seq.); and Bald and Golden Eagle Protection Act (BGEPA) (16 U.S.C. 668-668d, 54 Stat. 250). It is the responsibility of the applicants and/or any individual conducting activities at any approved site to fulfill the requirements of these Acts. The contractor will be responsible obtaining all applicable permits outlined in Section 107 of the Standard Specifications for Road and Bridge Construction (SSRBC). Additionally, contractor will be responsible for any impacts to wetlands, including permitting those impacts and mitigating the loss of the wetlands. As with all projects, if cultural artifacts and/or features (e.g., stone tools, fire hearths, stone circles, burials) are encountered, provisions outlined in Section 107.06 of SSRBC shall be followed.

This approval does not imply landowner permission to acquire material at this location. An agreement with the landowner is still necessary. If you have any questions regarding material sources please email materialsourc@nd.gov



STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	NH-3-002(154)209 & Tied	180	1

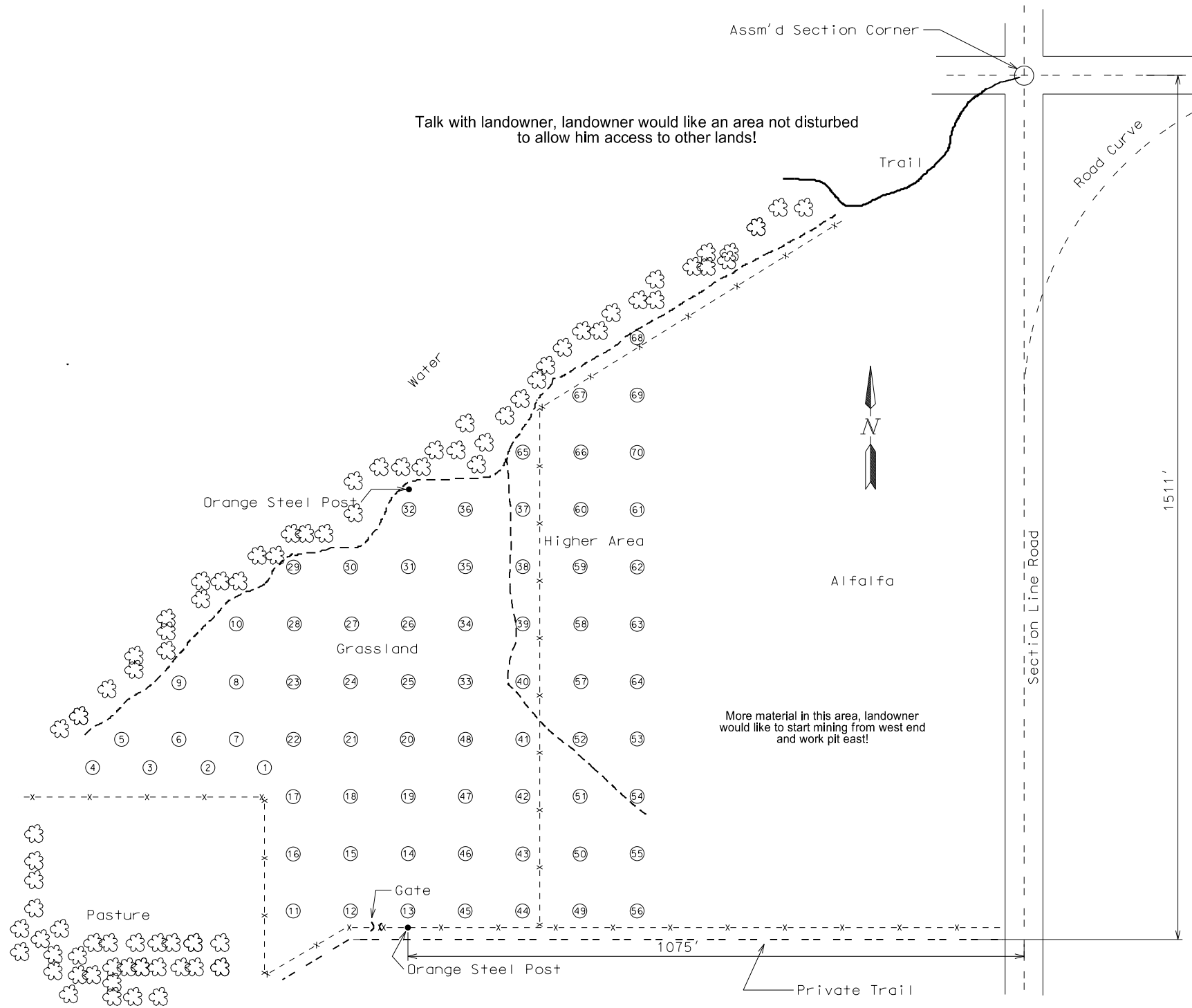
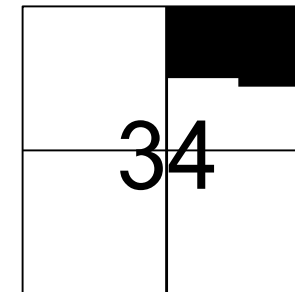
NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

LOCATION OF PIT IN SECTION

TEST HOLE PLAT

Location: NE1/4 34-155-77 County: McHenry

Ownership: H. Ramon & Helen E. Anderson Towner, ND



- Area "A" consists of Test Holes 1 - 10
- Area "B" consists of Test Holes 11 - 19
- Area "C" consists of Test Holes 20 - 25
- Area "D" consists of Test Holes 26 - 32
- Area "E" consists of Test Holes 33 - 40
- Area "F" consists of Test Holes 41 - 48
- Area "G" consists of Test Holes 49 - 56
- Area "H" consists of Test Holes 57 - 64
- Area "I" consists of Test Holes 65 - 70

- Legend:
- gr = gravel
 - sd = sand
 - FS = fine sand
 - Si Cl = silty clay
 - WL = water line

Scale 1"=250'

PIT LOGGING BY TEST HOLES								PIT LOGGING BY TEST HOLES								PIT LOGGING BY TEST HOLES								PIT LOGGING BY TEST HOLES									
Test Hole No.	Depth of Stripping (Ft)	Depth of Material (Ft)	% Retained on 1/2" Screen	% Retained on 3/4" Screen	% Retained on 3/8" Screen	% Retained on #4 Screen	Bottom of Test Hole	Test Hole No.	Depth of Stripping (Ft)	Depth of Material (Ft)	% Retained on 1/2" Screen	% Retained on 3/4" Screen	% Retained on 3/8" Screen	% Retained on #4 Screen	Bottom of Test Hole	Test Hole No.	Depth of Stripping (Ft)	Depth of Material (Ft)	% Retained on 1/2" Screen	% Retained on 3/4" Screen	% Retained on 3/8" Screen	% Retained on #4 Screen	Bottom of Test Hole	Test Hole No.	Depth of Stripping (Ft)	Depth of Material (Ft)	% Retained on 1/2" Screen	% Retained on 3/4" Screen	% Retained on 3/8" Screen	% Retained on #4 Screen			
1	1.0	9.5 gr	4	22	41	54	+WL10.5	45	1.0	8.5 gr	6	29	46	58	+WL 9.5																		
2	1.0	9.0 gr	2	25	41	55	+WL10.0	46	1.0	8.5 gr	6	30	46	56	+WL 9.5																		
3	1.0	9.5 gr	5	25	44	57	+WL10.5	47	1.0	8.5 gr	4	22	39	51	+WL 9.5																		
4	1.0	8.0 gr	4	25	41	53	+WL 9.0	48	1.0	8.5 gr	8	27	45	55	+WL 9.5																		
5	1.0	8.5 gr	3	20	39	54	+WL 9.5	49	1.0	9.0 gr	6	28	45	57	+WL10.0																		
6	1.0	10.0 gr	4	30	45	56	+WL11.0	50	1.0	9.0 gr	5	26	43	54	+WL10.0																		
7	1.0	10.0 gr	6	21	42	52	+WL11.0	51	1.5	9.5 gr	5	26	43	54	+WL11.0																		
8	1.0	10.5 gr	6	30	47	60	+WL11.5	52	4.0	9.0 gr	4	26	40	51	+WL13.0																		
9	1.0	9.5 gr	5	24	44	58	+WL10.5	53	4.0	2.0 sd	2	19	37	47	+WL15.0																		
10	1.0	9.5 gr	5	25	43	58	+WL10.5			9.0 gr																							
11	1.0	7.5 gr	5	24	40	52	+WL 8.5	54	3.0	10.0 gr	4	28	44	54	+WL13.0																		
12	1.0	9.0 gr	5	29	45	56	+WL10.0	55	1.0	9.5 gr	3	25	41	52	+WL10.5																		
13	1.0	9.0 gr	5	25	42	56	+WL10.0	56	1.0	10.0 gr	5	22	43	54	+WL11.0																		
14	2.0	7.0 gr	2	28	45	57	+WL 9.0	57	3.0	2.5 FS	6	30	41	48	+WL15.5																		
15	1.0	8.0 gr	4	23	39	49	+WL 9.0			10.0 gr																							
16	1.0	6.5 gr	3	22	40	53	+WL10.0	58	3.0	3.0 FS	4	27	43	51	+WL16.5																		
		0.5 FS SiCl								10.5 gr																							
		2.0 gr						59	3.0	3.5 FS	4	23	37	45	+WL18.5																		
17	1.0	9.0 gr	4	25	46	58	+WL10.0			11.5 gr																							
18	1.0	8.5 gr	6	27	44	56	+WL 9.5	60	3.0	4.0 FS	3	19	34	44	+WL18.0																		
19	1.0	8.0 gr	7	27	43	55	+WL 9.0			8.0 gr																							
20	1.0	9.0 gr	5	25	41	52	+WL10.0			1.0																							
21	1.0	7.5 gr	4	26	41	54	+WL10.5			2.0 gr																							
		0.5 FS						61	4.0	4.0 FS	4	19	32	42	+WL19.5																		
		1.5 gr								11.5 gr																							
22	1.0	7.5 gr	5	29	45	58	+WL10.5	62	4.0	3.0 FS	4	20	33	40	+WL18.0																		
		0.5 FS								9.0 gr																							
		1.5 gr								1.0 sd																							
23	1.0	11.0 gr	5	22	41	55	+WL12.0			1.0 Fgr																							
24	1.0	8.0 gr	4	21	37	48	SiCl	63	4.0	2.5 FS	2	21	35	44	+WL17.0																		
25	1.0	10.0 gr	4	24	39	52	+WL11.0			10.5 gr																							
26	1.0	10.5 gr	3	27	41	53	+WL11.5	64	4.0	3.0 FS	4	21	37	44	+WL17.0																		
27	1.0	12.5 gr	5	23	41	53	+WL13.5			10.0 gr																							
28	1.0	10.5 gr	4	26	41	55	+WL11.5	65	1.0	13.0 gr	6	23	40	52	+WL14.0																		
29	1.0	9.5 gr	3	20	40	51	+WL10.5	66	3.0	3.0 FS	4	21	34	40	+WL17.0																		
30	1.0	10.5 gr	5	25	40	50	+WL11.5			11.0 gr																							
31	1.0	12.0 gr	7	26	41	52	+WL13.0	67	3.0	1.0 FS	3	25	41	52	+cave																		
32	0.5	12.0 gr	5	22	39	50	+WL12.5			12.0 gr																							
33	1.0	10.0 gr	5	17	31	44	+WL11.0	68	4.0	13.0 gr	6	26	42	51	+WL17.0																		
34	1.0	8.5 gr	6	23	39	51	+WL12.0	69	3.0	3.0 FS	2	20	34	43	+WL18.0																		
35	1.0	11.5 gr	6	25	40	52	+WL12.5			12.0 gr																							
36	1.0	11.5 gr	4	26	40	51	+WL12.5	70	3.0	5.0 FS	5	20	35	44	+WL19.0																		
37	3.5	12.0 gr	6	30	45	55	+WL15.5																										
38	5.0	9.0 gr	4	24	40	50	SiCl																										
39	4.5	10.5 gr	5	23	41	53	+WL15.0																										
40	2.0	10.0 gr	4	20	35	46	+WL12.0																										
41	2.0	8.5 gr	6	21	37	49	+WL10.5																										
42	0.5	9.5 gr	4	20	38	51	+WL10.5																										
43	0.5	9.0 gr	4	20	39	51	+WL 9.5																										
44	1.0	9.0 gr	5	22	39	52	+WL10.0																										

RANGE 77 TWP 155 SEC NE1/4 34

COUNTY McHenry Jul-01

PROSPECTED BY WERRE & VOLK

INSPECTED & APPROVED Jeffrey Swank Jul-16